

METEOROLOGICAL OFFICE,  
LONDON.

---

# DAILY WEATHER REPORTS

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1<sup>ST</sup> APRIL TO 30<sup>TH</sup> JUNE, 1919.



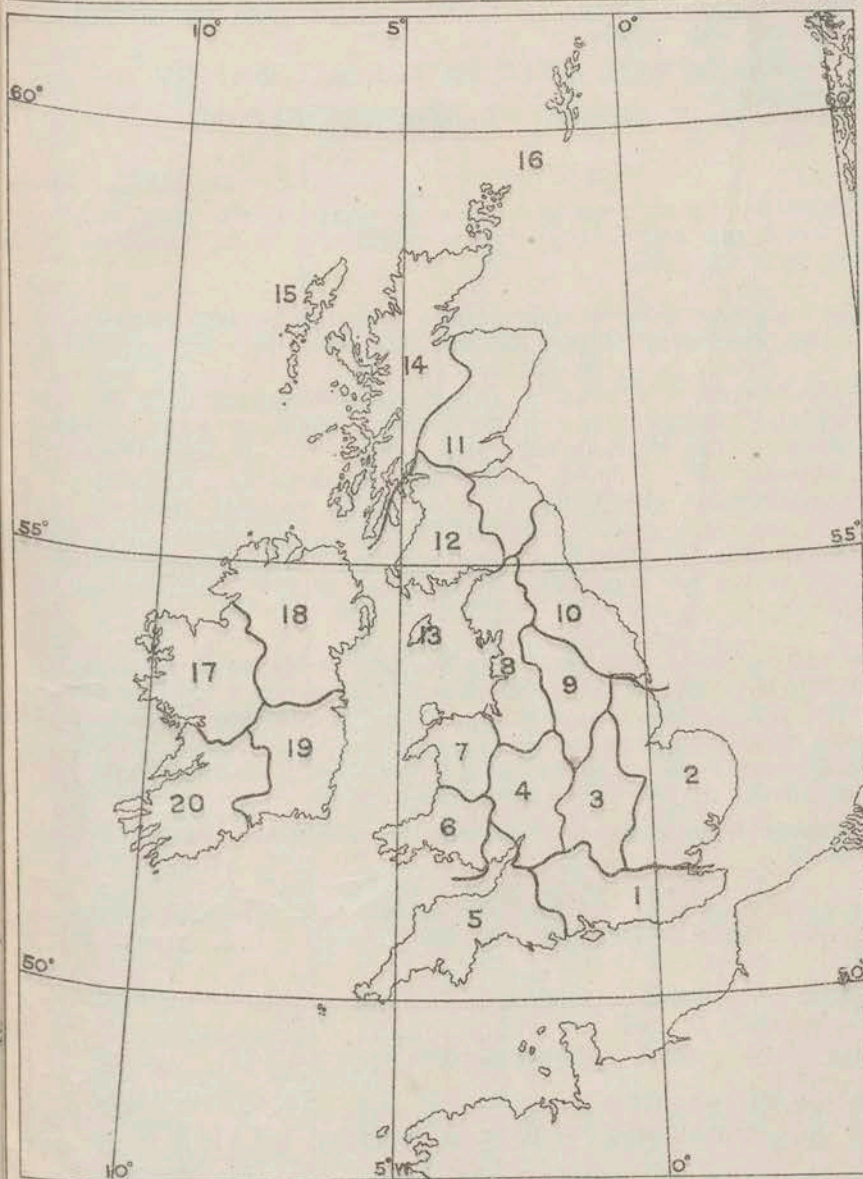
# METEOROLOGICAL STATIONS.

Scale  $1:2 \times 10^7$   
 Nautical Miles 0 1 2 3 4 500  
 Statute Miles 0 1 2 3 4 500





# DISTRICTS.



# STATIONS USED FOR UPPER AIR SUPPLEMENT.



# SCALE OF SURFACE VISIBILITY.

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

# BEAUFORT NOTATION.

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

# BEAUFORT NOTATION.

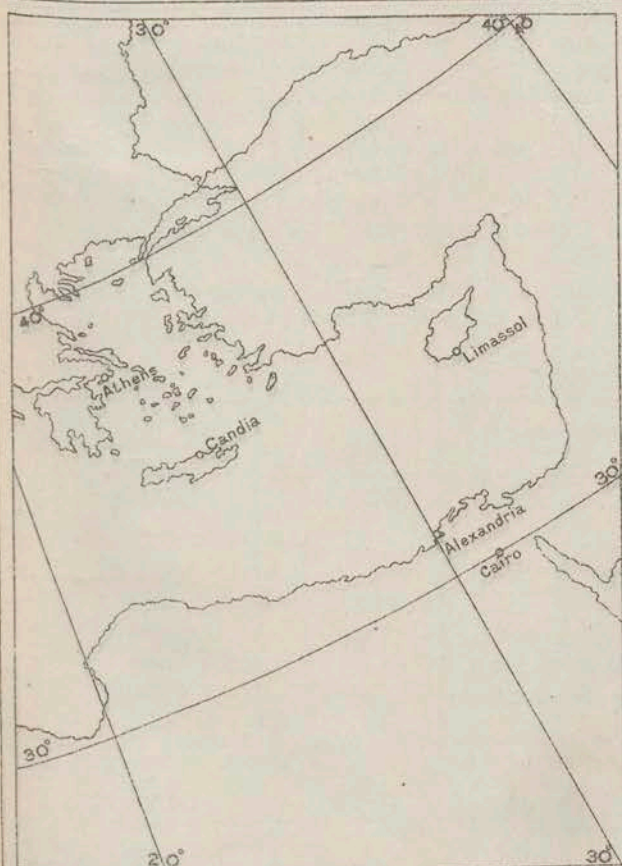
rs sleet, i.e., rain and snow together.  
s snow.  
t thunder.  
u ugly, threatening sky.  
v unusual visibility.  
w dew.  
x hoar frost.  
y dry air; humidity less than 60 per cent.  
z dust haze; the turbid atmosphere of dry weather.

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

# WEATHER SYMBOLS.

Clear sky ○ Sky ½ clouded ○  
Sky ¼ clouded ○ Sky ¾ clouded ○  
Overcast sky ● Rain falling ●  
Snow ❄ Hail ⚡  
Fog ☁ Mist ☁  
Thunder ⚡ Thunderstorm ⚡  
Lightning ⚡ Gale ⚡  
Aurora ☄ Solar halo ☄  
Rime ❄ Lunar halo ☄  
Glazed frost ☄ Solar corona ☄  
Glazed roads ☄ Lunar corona ☄  
Snow lying ☄

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

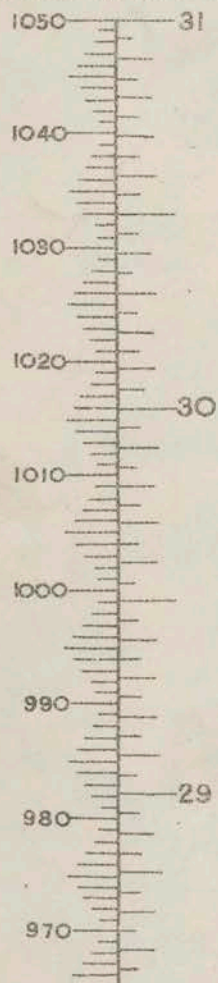




# METEOROLOGICAL OFFICE, LONDON.

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

Millibars. Inches.



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

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

**Upper Air Temperature.**—Temperature at different levels in the free atmosphere up to 20,000 feet is shown graphically on the Upper Air Supplement. On the diagram, heights are given both in feet and kilometres and temperatures in degrees Fahrenheit and Absolute. The lines marked "Anti-cyclonic," "Cyclonic," "Summer," and "Winter," indicate the normal fall of temperature with height or lapse rate under the conditions indicated. The oblique line marked "Adiabatic" shows the lapse rate for dry air ascending or descending under adiabatic conditions, i.e. without communication of heat from external sources. The lapse rate under these circumstances is very approximately 5.5° F. per 1,000 feet, or 10a per kilometre. A lapse rate greater than this value indicates instability of the atmosphere.

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

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

**Weather.**—In describing the distribution of weather over a district or during an interval of time, such as a day, descriptive adjectives are used with the following meanings, no reference to precipitation being implied.

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

Fair or fair generally—mainly bc and c.

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

Overcast—mainly c and o.

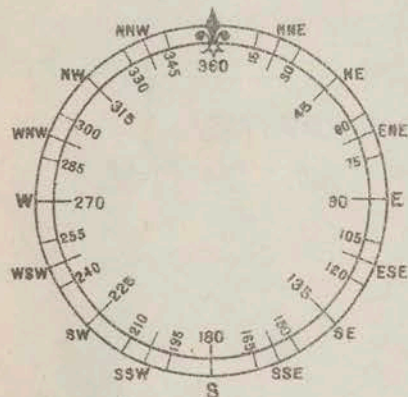
Dull—overcast with low heavy cloud.

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

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

**Upper Winds.**—The direction and velocity of the wind are given in the Upper Air Supplement for heights of 1,000 feet, 2,000 feet, 5,000 feet, 8,000 feet, 10,000 feet, 15,000 feet. The data are based on Pilot Balloon ascents made at Stations of the Royal Air Force and of the Meteorological Section, R.E., and also at the Observatories of the Office; supplemented by data from French Stations received by wireless from the Eiffel Tower.

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



### THE BEAUFORT SCALE OF WIND FORCE.

Beaufort Number.	Admiral Beaufort's General Description of Wind.	Specification for use on Land, based on observations made at Land Stations.	Limits of Mean Velocities. Statute Miles per Hour.
0	Calm .. .. .	Calm; smoke rises vertically .. .. .	Less than 1
1	Light air .. .. .	Direction of wind shown by smoke drift, but not by wind vanes .. .. .	1-3
2	Slight breeze .. .. .	Wind felt on face; leaves rustle; ordinary vane moved by wind .. .. .	4-7
3	Gentle breeze .. .. .	Leaves and small twigs in constant motion; wind extends light flag .. .. .	8-12
4	Moderate breeze .. .. .	Raises dust and loose paper; small branches are moved .. .. .	13-18
5	Fresh breeze .. .. .	Small trees in leaf begin to sway; crested wavelets form on inland waters .. .. .	19-24
6	Strong breeze .. .. .	Large branches in motion; whistling heard in telegraph wires; umbrellas used with difficulty .. .. .	25-31
7	High Wind .. .. .	Whole trees in motion; inconvenience felt when walking against wind .. .. .	32-38
8	Gale .. .. .	Breaks twigs off trees; generally impedes progress .. .. .	39-46
9	Strong gale .. .. .	Slight structural damage occurs (chimney pots and slates removed) .. .. .	47-54
10	Whole gale .. .. .	Seldom experienced inland; trees uprooted; considerable structural damage occurs .. .. .	55-63
11	Storm .. .. .	Very rarely experienced; accompanied by widespread damage .. .. .	64-75
12	Hurricane .. .. .	.. .. .	Above 75



# DAILY WEATHER REPORT. APPENDIX I.

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

### SECOND QUARTER, APRIL TO JUNE.

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

STATIONS.	PRESSURE. 1906-1915.  7 a.m. Observations (reduced to M.S. Level).	AIR TEMPERATURE.								RAINFALL. 1881-1915.		BRIGHT SUNSHINE. 1881-1915.	
		Means of				Absolute Extremes.				Days with Rain.	Total Fall.	Daily Mean.	Per Centage of Possible Duration.
		1906-1915.		1881-1915.		1881-1915.							
		Dry Bulb. 7 a.m.	Daily Maximum.	Daily Minimum.		Maximum.		Minimum.					
						Temp.	Year.	Temp.	Year.				
	mb.	°F.	°F.	°F.	°F.		°F.		mm.	in.	hr.	%	
Lerwick	1010.9	40.9	46.0	36.9	59	1901, 14	21	1899	19	53	2.28	—	—
Stornoway	1011.9	41.9	49.5	37.5	67	1893	20	1881	19	77	2.03	5.13	36
Castlebay (Barra Isd.)	1012.6	44.0	48.5	41.1	62	1915	27	1908	20	72	2.84	5.33	38
Eskaudemuir.	1015.9	39.6	50.0	33.9	67	1914	18	1910	17	113	4.44	4.60	33
Malin Head	1012.6	43.4	49.7	40.8	69	1914	26	1908	19	50	1.97	—	—
Blackod Point	1013.9	45.7	51.5	41.9	71	1893	29	1897, 1911	20	74	2.99	—	—
Valencia	1015.9	45.5	53.4	42.6	70	1892	30	1879, 92, 97, 98, 1906	19	93	3.67	5.33	39
Roche's Point	1016.1	45.0	52.9	42.2	72	1893	29	1908	16	68	2.68	—	—
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	—	—
Liverpool (Observatory)	1015.2	43.1	52.4	40.2	75	1893	28	1908, 11	14	41	1.62	5.77	42
Holyhead	1014.9	45.0	51.2	41.5	75	1893	30	1908	14	53	2.08	6.70	48
Pembroke (St. Ann's Hd.)	1015.4	44.3	50.6	42.0	70	1893	28	1911	15	50	1.95	5.93	43
Seilly (St. Mary's)	1015.9	46.7	52.7	44.5	66	1893	30	1911	15	49	1.91	6.03	44
Falmouth	1016.6	45.7	52.6	42.9	69	1893	29	1911	15	67	2.64	6.13	45
Jersey (St. Aubin's)	1016.5	47.0	54.5	43.7	77	1893	28	1911	15	49	1.94	6.47	47
Portland Bill	1015.6	45.2	51.6	42.3	65	1901, 04	28	1911	13	40	1.58	—	—
Dunegness	1015.1	44.5	51.7	40.5	67	1901	24	1903	13	35	1.36	—	—
Dover	1016.1	45.1	52.6	40.0	71	1914	27	1911	13	41	1.60	6.93	51
Wick	1011.7	41.3	49.1	36.8	69	1900	20	1905	18	51	1.99	—	—
Nairn	1012.3	41.0	51.8	35.9	73	1914	18	1908	16	38	1.50	4.83	34
Aberdeen	1013.4	42.2	49.8	37.6	74	1900	22	1908	17	48	1.87	5.27	37
Leith	1013.7	42.9	52.6	38.1	73	1900	17	1908	14	33	1.29	—	—
Tynemouth	1014.4	42.0	50.5	37.7	71	1892	23	1908	15	36	1.42	—	—
Spurn Head	1014.5	43.3	49.8	40.0	70	1915	30	1881, 89, 1903, 05, 11	13	28	1.12	6.60	48
Yarmouth	1015.2	43.3	50.0	39.8	72	1885	27	1911	14	38	1.49	6.63	48
Clacton-on-Sea	1015.5	43.9	50.9	40.2	69	1907, 09, 12	25	1911	11	33	1.28	6.03	44
Nottingham	1015.4	42.4	54.1	37.8	77	1893	23	1888	15	36	1.43	4.97	36
LONDON (Kew Obsv.)	1016.2	43.2	55.0	30.5	80	1893	27	1887, 91, 11	13	37	1.45	5.23	38
Lerwick	1013.7	44.6	49.9	40.5	63	1895	28	1909	18	53	2.09	—	—
Stornoway	1013.7	46.9	53.7	41.3	75	1908	26	1906	19	65	2.56	6.16	37
Castlebay (Barra Isd.)	1014.5	48.2	53.2	44.9	73	1911	32	1909	17	54	2.11	7.23	44
Eskaudemuir	1016.3	45.3	55.7	45.0	73	1915	32	1915	15	72	2.85	7.32	33
Malin Head	1013.1	47.6	54.1	45.0	73	1908	35	1886, 91, 97, 1904, 06, 10	17	50	1.98	—	—
Blackod Point	1013.6	49.7	55.9	45.8	75	1890, 1911	34	1910	19	72	2.82	—	—
Valencia	1014.3	50.6	57.9	46.5	74	1884, 95, 97	34	1885, 96	18	81	3.17	6.55	42
Roche's Point	1015.0	50.2	57.4	46.5	73	1896	35	1920	15	62	2.43	—	—
Birr Castle	1014.5	48.7	59.8	42.7	77	1881, 95, 1911	29	1885, 91, 1909, 14	16	57	2.23	5.87	37
Donaghadee	1014.7	47.5	55.8	44.4	70	1896, 1911	33	1884, 85, 97, 1909	16	58	2.27	—	—
Liverpool (Observatory)	1015.2	49.2	58.2	45.3	80	1895	30	1881	15	48	1.90	6.84	43
Holyhead	1014.8	49.9	56.0	45.6	74	1895	37	1894, 1903, 07, 09	14	50	1.96	7.10	45
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	6.97	45
Seilly (St. Mary's)	1014.9	51.0	56.8	48.2	68	1911	38	1883	13	42	1.67	7.35	48
Falmouth	1015.6	51.5	57.7	47.0	75	1915	36	1885, 1892	14	56	2.21	7.45	49
Jersey (St. Aubin's)	1015.9	53.1	60.2	48.1	80	1913	35	1905, 06	13	46	1.82	7.81	51
Portland Bill	1015.2	50.8	56.9	46.8	74	1911, 15	36	1900, 02	11	40	1.59	—	—
Dunegness	1015.0	51.2	57.8	46.1	76	1892, 1913	30	1892, 1902	11	33	1.30	—	—
Dover	1016.5	52.2	59.6	46.0	77	1909, 13	35	1909, 10	11	35	1.39	7.94	52
Wick	1011.8	45.9	53.4	40.8	71	1891	27	1886, 1902, 09	18	53	2.07	—	—
Nairn	1013.8	46.7	56.8	40.7	78	1888	26	1894, 1914	17	46	1.80	5.71	35
Aberdeen	1014.6	47.8	54.5	41.8	75	1902	29	1884, 91	17	39	2.33	6.03	37
Leith	1014.5	48.2	57.3	42.8	81	1881	27	1883	14	46	1.83	—	—
Tynemouth	1014.0	48.0	54.9	42.4	73	1903, 11	29	1891, 1909	14	51	1.99	—	—
Spurn Head	1014.9	49.4	55.1	45.0	76	1913	34	1891	12	32	1.55	5.74	36
Yarmouth	1015.3	50.4	55.9	45.2	81	1912	32	1891, 92	13	44	1.73	7.48	48
Clacton-on-Sea	1015.4	51.3	57.5	45.5	75	1909, 13	31	1902	11	34	1.34	7.52	49
Nottingham	1015.4	49.4	60.4	43.2	82	1895	27	1881, 1905	15	48	1.89	5.87	37
LONDON (Kew Obsv.)	1015.8	51.1	61.7	45.0	84	1895	31	1886, 1892	12	44	1.72	6.48	42
Lerwick	1013.6	48.7	51.9	45.0	70	1891	31	1888	15	45	1.78	—	—
Stornoway	1014.3	51.5	58.4	46.4	78	1911	31	1888	17	59	2.32	5.93	33
Castlebay (Barra Isd.)	1015.0	52.2	57.2	49.2	71	1908, 10	41	1913	16	49	1.91	6.37	36
Eskaudemuir	1015.2	51.1	61.2	43.9	78	1911	30	1914	15	77	3.05	5.63	33
Malin Head	1014.1	52.0	58.7	49.7	78	1905	40	1902, 07	16	54	2.14	—	—
Blackod Point	1015.2	53.9	60.6	50.8	82	1887	39	1912	17	71	2.79	—	—
Valencia	1016.2	54.7	62.3	51.1	81	1887, 1902	37	1912	17	81	3.20	6.27	38
Roche's Point	1016.4	54.5	62.4	51.3	80	1887	39	1912	14	68	2.67	—	—
Birr Castle	1015.7	53.2	64.9	48.4	85	1887	32	1881	15	52	2.31	5.47	33
Donaghadee	1015.2	51.8	60.7	49.3	77	1887	37	1885	15	59	2.33	—	—
Liverpool (Observatory)	1015.6	54.0	61.6	51.0	85	1893	40	1903, 07	14	56	2.20	7.00	42
Holyhead	1015.5	54.2	61.0	50.6	78	1888, 96	42	1882, 1912	13	55	2.15	7.17	43
Pembroke (St. Ann's Hd.)	1015.8	53.4	60.0	51.3	79	1893	38	1888	15	50	1.98	7.27	44
Seilly (St. Mary's)	1016.4	54.9	61.4	53.0	75	1893	41	1888	13	43	1.71	7.73	48
Falmouth	1017.0	55.5	62.8	52.0	80	1893	42	1914	13	59	2.31	7.37	46
Jersey (St. Aubin's)	1017.6	57.2	64.8	53.0	84	1893	39	1890	12	54	2.11	7.90	49
Portland Bill	1016.2	55.0	61.6	52.2	78	1903	43	1903	10	34	1.33	—	—
Dunegness	1015.8	56.2	62.8	51.7	76	1897, 1902, 03, 08, 14	37	1890, 91, 92, 93, 1909	11	40	1.56	—	—
Dover	1016.1	56.8	63.6	50.3	82	1915	38	1911	12	54	2.11	7.57	47
Wick	1014												

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

‡ Results for 9 years, 1907-1915.  
§ " 8 " 1908-1915.  
|| "



JUNE 1919



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

No. 21,012 SUNDAY, 1<sup>ST</sup> JUNE, 1919.

OBSERVATIONS FROM STATIONS CONTRIBUTING REPORTS AT 10, 11, 12, AND 1 PM.

STATIONS	10H. G.M.T. 31 <sup>ST</sup> MAY.												10H. G.M.T. OF 31 <sup>ST</sup> MAY.														
	Barom. at M.S.L.	Temp. at M.S.L.	Wind Dir.	Force	Humid. at M.S.L.	Visib. at M.S.L.	Cloud at M.S.L.	Cloud at 1000 ft.	Cloud at 2000 ft.	Sea	Barom. at M.S.L.	Temp. at M.S.L.	Wind Dir.	Force	Humid. at M.S.L.	Visib. at M.S.L.	Cloud at M.S.L.	Cloud at 1000 ft.	Cloud at 2000 ft.	Sea							
	mm.	°F.			%	mi.	Form.	Form.	Form.		mm.	°F.			%	mi.	Form.	Form.	Form.								
Horton B. (Orkney)	10207	0	NW	4	51	52	92	1	4500	St.	10	10207	0	NNW	5	om	50	87	5	2-3000	St.	10	-	-	-	8	
Eskdalemuir	10165	0	ENE	2	02	69	65	4	-	-	-	ast	7	10178	+1	NE	4	b2	59	55	7	-	St.	2	ast	1	-
Stranraer	10171	+1	-	0	2	64	65	5	-	-	-	-	-	10169	-1	-	0	2	63	75	5	57000	St.	3	-	-	-
Lough Foyle	10198	0	NNE	2	b	58	82	4	-	-	-	-	-	10203	0	NNE	2	b	56	87	5	-	-	-	-	3	
Valencia (Canary)	10168	+1	WNW	2	b	66	75	7	-	-	-	-	-	10168	0	WNW	2	b2	65	65	8	-	-	-	-	-	
Anglesey (Llangefel)	10161	-1	ENE	1	2	68	55	5	-	-	-	-	-	10167	0	NE	1	2	60	55	5	-	-	-	-	3	
Falmouth	10153	+2	SE	1	b2	62	65	5	-	-	-	-	-	10158	+2	ESE	3	of	57	98	1	-	-	-	-	-	
Calshot (Hants)	10163	+4	ESE	2	b	61	92	6	-	-	-	ast	2	10158	-1	SW	1	b	57	87	7	-	-	ast	3	3	
Capel (Folkestone)	10162	+1	E	1	b	65	75	5	-	-	-	-	-	10170	+1	-	0	b	60	75	6	-	-	-	-	2	
Aberdeen	10198	0	E	1	0	65	75	7	-	SPC	10	-	-	10200	0	E	1	ome	50	92	2	-	-	-	-	2	
East Fortune	10193	0	NNE	2	0	56	82	4	1-1500	St.	7	-	-	10189	0	NE	2	0	52	87	4	1-1500	St.	10	-	-	-
Howden	10194	-1	-	0	b	70	45	5	-	-	-	-	-	10172	0	ESE	2	b	62	45	6	-	-	-	-	-	
Felixstowe	10187	+3	NE	2	b	60	75	7	-	-	-	-	-	10174	0	NE	2	2	51	87	5	-	-	-	-	3	
Cranwell (Lincs)	10166	-1	E	1	2	71	75	7	2-3000	St.	4	-	-	10166	-1	E	1	b2	65	75	8	-	-	ast	6	-	
Bedford	10167	0	ENE	1	2	75	65	-	5-7000	-	-	-	-	10154	-1	S	1	2	73	45	-	-	-	-	-	-	
Benson	10150	0	E	2	b	77	65	4	-	-	-	-	-	10149	0	E	2	b	73	85	5	-	-	-	-	-	
London (Kew Obs.)	10155	0	ENE	4	b2	73	45	6	-	-	-	-	-	10157	+1	ENE	3	b2y	71	45	6	-	-	-	-	-	
1H. G.M.T. OF 31 <sup>ST</sup>												7H. G.M.T. OF 31 <sup>ST</sup>															
Horton B. (Orkney)	10216	0	-	0	0	45	98	5	2-4000	St.	10	-	-	10217	+1	ENE	2	0	45	98	6	2-3000	St.	10	-	-	2
Eskdalemuir	10201	0	NNE	3	om	48	98	2	1-1500	St.	10	-	-	10207	+2	NNE	3	0	50	87	5	-	St.	10	-	-	-
Stranraer	10183	+2	-	0	2	50	98	2	37000	St.	1	-	-	10194	0	NNW	2	b2	54	87	5	-	-	-	-	-	
Lough Foyle	10188	0	NNW	1	b2	58	92	2	-	-	-	-	-	10222	+3	N	3	b	52	92	6	-	-	-	-	-	
Valencia (Canary)	10176	+1	NE	1	2	50	65	-	-	-	-	-	-	10209	+2	0	2	b	54	92	5	-	St.	3	-	-	2
Anglesey (Llangefel)	10176	+1	NE	1	2	50	65	-	-	-	-	-	-	10175	0	-	0	b2	54	75	5	-	-	-	-	2	
Falmouth	10183	0	E	2	0	55	98	5	-	St.	10	-	-	10198	+3	E	1	2f1	54	98	0	-	-	-	-	-	
Calshot (Hants)	10184	+2	S	1	b	58	98	8	-	-	-	-	-	10186	0	-	0	b	58	92	3	-	-	-	-	2	
Capel (Folkestone)	10183	0	E	1	b	53	65	8	-	-	-	-	-	10189	0	N	1	b	57	75	6	5-7000	St.	1	-	-	0
Aberdeen	10209	+1	NNW	1	do	49	98	3	15-2000	St.	10	-	-	10212	0	NW	2	c	53	65	7	-	St.	7	-	-	1
East Fortune	10207	0	NE	1	b2	49	98	-	1-1500	St.	-	-	-	10213	+0	NE	1	0	51	92	5	15-2000	St.	10	-	-	-
Howden	10190	+1	-	0	b	45	75	3	-	-	-	-	-	10193	+0	-	0	b2	51	82	5	-	-	ast	6	-	
Felixstowe	10189	0	N	1	b	46	92	5	-	-	-	-	-	10191	+1	ENE	3	2f2	50	98	1	-	-	-	-	3	
Cranwell (Lincs)	10184	0	E	1	b2	49	98	5	37000	St.	3	ast	2	10192	+2	ENE	1	c	51	87	7	3-4000	St.	7	-	-	-
Bedford	*	*	*	*	*	*	*	*	*	*	*	*	*	10190	+2	-	0	b2	51	75	-	3-4000	-	-	-	-	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	10186	+2	-	0	b	58	87	5	-	-	-	-	-	*
London (Kew Obs.)	10181	+1	E	1	b2	59	*	*	*	*	*	*	*	10190	+2	-	0	b2	57	87	4	-	-	-	-	-	*

STATIONS CONTRIBUTING REPORTS AT 7H. AND 10H.																																					
STATIONS.	Barom. at M.S.L.		Temp.		Wind.		Weather.		Wind.		Direc. of Upper Cloud.		Weather	Sea	Rainfall	Temp.		Weather.			Sensib. Hours.																
	m. h.	° F.	Direc.	Force 0-12	Weather	M. S. L.	Change in 3 HOURS.	Temp. ° F.	Change in 24 hours.	Direc.	Force 0-12.	Max. ° F.				Min. ° F.	Morning.	Afternoon.	Night.																		
10H. G.M.T. of 31 <sup>ST</sup> MAY																	7H. G.M.T. of 1 <sup>ST</sup> JUNE											24 HOURS ENDED 7H. 1 <sup>ST</sup> JUNE									
Lerwick	1019.6	47	NNE	3	0	1020.3	+1	46	-3	N	2	-	cm	2	-	51	41	om	om	om	*																
Stornoway	1021.2	54	NE	3	0	1023.0	+1	51	-1	NNW	3	-	0	2	-	58	50	bc.	bc.	0	11.1																
Castlebay (Barra)	1019.8	58	N	4	b	1023.0	+1	51	-7	N	4	-	0	3	-	65	49	b2y	b2y	bmo	13.8																
Glasgow	1017.9	60	ENE	3	b2	1021.7	+3	50	0	E	2	-	0	2	-	65	47	m.b2	b2	b2.om	9.6																
Malin Head	1018.3	58	NE	1	bm	1021.8	+2	52	-5	N	1	-	b	2	-	62	50	bm	bm	bc	0.0																
Blackod Point	1016.7	64	NNE	3	b2	1020.6	+3	56	-7	NNE	3	-	bc2	3	-	72	53	bc2	b2	bc.b2	*																
Rache's Point	1017.0	62	SE	1	b	1019.7	+2	55	-1	N	1	-	b2	1	0.1	65	52	b2	bc	b2w	*																
Birr Castle	1016.8	66	E	1	om	1020.8	+	56	+5	N	1	-	m	*	-	76	48	b2	2	2	10.9																
Donaghadee	1016.8	57	N	2	og	1019.4	+2	50	-3	NNW	3	-	bm	3	-	64	48	bm.b2	bc2	bm	*																
Liverpool (Mason)	1015.9	68	NNE	1	m	1018.4	+1	57	+2	WNW	1	-	b	1	-	75	54	om	bm	bm	13.1																
Holyhead	1016.2	61	NE	4	bm	1018.4	+1	54	-3	N	3	-	bm	2	-	71	51	b2	bm	bm	13.3																
Pembroke (St. Ann's Head)	1016.0	63	-	0	b	1019.4	+2	55	0	W	1	-	b2	0	-	72	54	b	b	b	13.2																
Sally (St. Mary's)	1015.8	60	ESE	1	bm	1019.5	+1	54	-4	SE	1	-	f	1	0.1	64	51	b.b2	bc.b2	bc.b2	9.8																
Jersey (St. Aubin)	1011.9	63	S	2	b	1018.9	0	61	+4	N	2	-	b	2	-	66	50	o.b2	bc.b2	bc.b2	7.8																
Portland Bill	1015.7	58	SSE	3	bc	1017.9	0	59	+2	NW	1	-	bc	2	-	61	53	c.b2	bc.b2	bc.b2	*																
Dunegness	1016.1	60	-	0	b	1018.2	+2	56	-1	NNE	1	-	b	0	-	65	45	b	b	c.b2	*																
Wick	1020.2	52	NNW	2	0	1020.6	+1	47	0	ENE	2	-	om	1	1	53	46	gc. om	om	om	*																
Nairn	1019.6	56	ENE	1	bc	1020.9	+	53	+4	NNW	1	-	cg	1	-	55	48	m.b2	bc2	cg	4.9																
Leith	1019.2	53	E	2	b	1020.9	0	50	0	E	1	-	0	1	-	56	49	om.c.b2	b2	b2	*																
Tynemouth	1016.6	52	N	1	bc2	1018.7	+1	50	+5	NE	1	-	om	2	-	60	44	bm	bm	bm	*																
Spurn Head	1018.3	54	E	2	b2	1019.2	+1	52	0	ESE	1	-	bc2	2	-	58	48	b	b	b	6.4																
Yarmouth (Roe)	1017.6	57	E	2	b	1019.1	0	55	0	E	1	-	b	2	-	60	42	b	b	b	13.3																
Clacton-on-Sea	1016.7	61	NE	3	b	1019.0	+2	56	-2	E	3	-	bc	2	-	63	50	b2	b2	b2	12.9																
Nottingham	1016.1	71	ESE	1	b	1019.7	+	53	+4	ENE	1	-	b2	-	-	75	45	bc.b2	b	b	10.1																

1 Air Ministry Station.

2 Temperature for these columns not usually recorded.

3 The barometric change is expressed in half millibars.

4 Longitude East of Greenwich.



# SUMMARY OF CONDITIONS AT 7 A.M. Sunday 1st June, 1919.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Indef. under 5	Mod.	Fine; local haze	var.	calm
2. E. England	E-NE 2-10	"	Fair or fine. fog at Felixstowe	"	"
3. E. Midlands	Indef. under 5	"	Cloudy, local haze	"	"
4. W. Midlands	"	rather warm	Fine	ord.	"
5. S.W. England	Var. up to 5	Mod.	Cloudy to e'cast; mist & fog	poor	smooth
6. South Wales	W 2	"	Fine; hazy	"	calm
7. North Wales	Calm to NNW 10	"	Fine; mist and haze.	ord.	smooth
8. N.W. England	W 2	r. warm	Fine	"	"
9. N. Midlands	E 2	Mod.	Fine; hazy	"	"
10. N.E. England	E-NE 2	"	Var; cloud. thunder at Tynemouth.	ord.	smooth
11. E. Scotland	Indef. to 5	"	Cloudy to overcast	good	"
12. S.W. Scotland	N. 5-10	"	Overcast; mist and haze	ord.	"
13. Isle of Man	"	"	"	"	"
14. N. & N.W. Scotland	E 5	"	Overcast; misty	"	smooth
15. Hebrides	N 10-15	"	Overcast	"	slight
16. Orkneys and Shetlands	N-NE 5-10	below normal	Overcast; mist in Shetland	var.	smooth
17. N.W. Ireland	NNE 10	Ord.	Fair; hazy	"	slight
18. N.E. Ireland	N-NNE 2-10	"	Fine; mist at Donaghadee	var.	"
19. S.E. Ireland	N 2	r. warm.	Misty	"	"
20. S.W. Ireland	indef. under 5	mod.	Fine; hazy	ord.	smooth

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

An anticyclone off the west of Scotland will cause fair weather generally.

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

Further Outlook.

Districts.	Forecasts for the 24 hours commencing 3 p.m.
1. S.E. England	Light variable breezes. Fair or fine, some mist. Warm.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Light northerly breezes. Fair to dull, some mist. Warm.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Light northerly or variable breezes. Fine, some mist. 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	

Fair or fine weather is likely to continue for the present.



SYNOPTIC CHART FOR MORNING OF Sunday, 1<sup>st</sup> June, 1919.



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



# **SUNDAY** **JUNE 1<sup>ST</sup>**

## **DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 152 B**

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 31 <sup>ST</sup> MAY 1919.																	
STATIONS.	Weather.		Temperature.		Rainfall.		Sunshine.		STATIONS.	Weather.		Temperature.		Rainfall.		Sunshine.	
	Forecast.	Actual.	Max. F.	Min. F.	Night. 12h to 3h.	Day. 3h to 12h.	to 12h.	to 5pm.		Forecast.	Actual.	Max. F.	Min. F.	Night. 12h to 3h.	Day. 3h to 12h.	to 12h.	to 5pm.
England, N.W.					30th	31st	31st	30th	England, N.W.					30th	31st	31st	30th
Southport ... ..	om	o	54	45	1	-	0.0	7.9	Southport ... ..	b	b	68	50	-	-	11.5	13.7
Blackpool ... ..	-	-	49	41	-	-	0.0	?	Douglas ... ..	-	-	71	52	-	-	11.5	11.8
OBAN ... ..	b	b	67	49	-	-	11.3	10.8									
England, M.E.									England, M.E.								
Harrrogate ... ..	b	b	71	40	-	-	10.9	10.0	Buxton ... ..	b	b	72	37	-	-	11.1	10.5
Elgess ... ..									Leamington Spa ... ..	b	b	76	45	-	-	10.3	13.7
									Malvern ... ..					-	-	12.0	15.0
									Ross-on-Wye ... ..	b	b	77	43	-	-		
England, E.									England, E.								
Pelissier ... ..	b	b	60	50	-	-	11.9	13.5	Rhyl ... ..								
Walsby ... ..									Colwyn Bay ... ..								
Southend-on-Sea ... ..	b	b	71	51	-	-	11.5	11.3	Llandudno ... ..	c-b-b	b-bc	69	61	-	-	12.0	14.5
									Aberystwyth ... ..								
England, S.W.									England, S.W.								
Margate ... ..	b	b	61	52	-	-	10.8	12.0	Weymouth ... ..								
Hastings ... ..	b	b	61	50	-	-	10.5	12.5	Torquay ... ..								
Hastings ... ..	b	b	67	52	-	-	11.7	13.0	Penzance ... ..	c-b-b	b	69	55	-	-	7.0	10.1
Hastings ... ..	b	b	70	53	-	-	11.0	12.1	Newquay ... ..								
Worthing ... ..	b	b	67	54	-	-	11.4	14.3	Weston-s-Mare ... ..								
Littlehampton ... ..	b	b	69	52	-	-	10.7	14.3									
Bournemouth ... ..	-	-	69	50	-	-	11.0	14.3									

SUMMARY FOR LAST 24 HOURS										
STATIONS	WEATHER				Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	RAINFALL.		Sun. Hours
	7h-12h.	12h-1h.	1st-2nd.	1h-7h.				Day. 7h-12h.	Night. 12h-7h.	
*Horton Bay (Orkney)...	cs	To	c.o.pd	om	52	45	*	*	*	*
Esksdalemuir ...	cz	bz	c2.om	om	63	46	46	-	-	77
*St. Andrew ...	bz	bc.cz	b.bcz	z	68	50	*	*	*	*
*Lough Foyle ...	bz	bz	*	b	62	48	*	*	*	*
Valentia (Cahirciveen)	bzby	bz	bc	bzbzw	70	52	49	-	-	13.9
*Anglesey (Bangor) ...	bz	bz	bz	bz	70	42	*	*	*	*
Farmouth ...	cg.bcz	bzof	o.g.c.o	ofe	66	53	50	-	-	8.5
*Calshot (Hants) ...	b.	bcc.	b.	j.	71	51	*	*	*	*
*Capel (Folkestone)...	bz	bz	bv.	bbcz	67	39	*	*	*	*
Aberdeen ...	gc.m.o	omcgc	d.o	flomc	55	45	43	-	-	0.6
*East Fortune ...	bc.cz	c.o2	c.o2	coz2	56	47	*	*	*	*
*Howden ...	z.bcz	bz	bc.c.	bbcz	72	36	*	*	*	*
*Felixstowe ...	bz	bz	bz.	cz	60	48	*	*	*	*
*Cranwell (Lincs) ...	z.	bccz	b.bcz	bbcz	72	42	*	*	*	*
*Bedford ...	bz	bz	*	z.	77	43	*	*	*	*
Benson ...	b	b	*	*	78	45	35	-	-	*
London (Kew Obs.)...	bm.bz	bzy	*	bzybz	75	50	39	-	-	12.5

THE BEAUFORT WIND FORCE.		
No.	Limits of Velocity.	
	Statute miles per hour.	Meters per second.
0	Less than 1	Less than .8
1	1-3	.8-1.5
2	4-7	1.6-3.3
3	8-12	3.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-58	13.9-17.1
8	39-46	17.2-20.4
9	47-54	20.5-23.4
10	55-63	23.5-25.8
11	64-75	25.9-33.6
12	Above 75	33.7 or above

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. 3 gloom.

h hail, 1 lightning.

m mist.

o overcast sky.

p passing showers.

q squalls.

r rain.

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

s snow.

t thunder.

u ugly, threatening sky.

v unusual visibility.

w dew.

x hoar frost.

y dry air, humidity less than 60 per cent.

z dust haze; the turbid atmosphere of dry weather.

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

SYMBOLS—

Aurora → Solar halo

Rime → Lunar halo

Glazed frost ∞ Solar corona

Glazed rime ∞ Lunar corona

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

THE BEAUFORT SCALE OF WIND FORCE.		
No.	Statute miles per hour.	Meters per second.
0	Less than 1	0.3-1.5
1	1-3	1.6-3.2
2	4-7	3.3-5.4
3	8-12	5.5-7.9
4	13-18	8.0-10.7
5	19-24	10.8-13.2
6	25-31	13.3-17.1
7	32-38	17.2-20.7
8	39-46	20.8-24.4
9	47-54	24.5-28.1
10	55-63	28.2-33.3
11	64-75	33.4-39.5
12	Above 75	39.6 or above

Suffixes 0, 1 and 2 attached to Beaufort letters si, s, and t respectively, denote light, moderate, and heavy rain respectively. Underlines are used to express continuity.

**SYMBOLS.**  
☉ Solar halo  
☽ Lunar halo  
☼ Solar corona  
☾ Lunar corona  
☄ Glazed frost  
☄ Glazed roads

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp.	Min. Temp.	Min. on Grass.	Rain- fall.	Sun- shine to Sunset.	Humidity %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning	Afternoon	Night	° F.	° F.	° F.	mm.	Hours	15 h. G.M.T.	0 h. G.M.T.					
	24 HOURS FROM 9h G.M.T. 1 <sup>ST</sup>							YESTERDAY.	TODAY.						
	Vertical Component of Solar Radiation per Square Centimetre during yesterday.														
Greenwich (Royal Observatory)	b	bz	bz	74	47	33	-	13.1	39	71	Total .....	Joules.			
City (Bunhill Row)	-	-	*	*	*	*	*	*	*	*					
Westminster (St. James's Park)	*	*	*	*	*	*	*	*	*	*	Average Rate.	Milliwatts.			
(A. L. L. Arch)	*	*	*	*	*	*	*	*	*	*					
Camden Sq. (British Museum)	b	b	*	80	51	46	-	11.1	92	67	Maximum Rate.				
Kenning Palace	b	b	*	76	50	42	-	*	45	65					
Richmond Park	*	*	*	*	*	*	*	*	*	*					
												Stations.	Sunrise.	Noon.	Sunset.
													G.M.T.	G.M.T.	G.M.T.
												Yarmouth...	3.38	11.51	8.5
													3.37	11.51	8.5
													3.51	11.58	9.2
												Greenwich	3.50	12.10	9.4
													3.47	12.10	9.4
												Wick	3.16	12.39	8.8
													4.29	12.39	8.8
												Valencia	4.28	12.39	8.8

### NOTES ON THE WEATHER OF YESTERDAY.

The weather was fair or fine generally. Sunshine records were good over most of the country but were poor in NE Scotland, where there was a good deal of mist and fog. Several places had over 13 hours of sunshine, Castlebay reporting 13.8 hours and Yarmouth and Holyhead 13.3 hrs. Temperature exceeded 70° at several stations, Ross-on-Wye reaching 77° and Kew 75°. Slight rain was reported from Wick.





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

No. 24,0118 MONDAY, 2<sup>ND</sup> JUNE, 1919.

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

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 15h.																												
STATIONS	BAROM.	↑	WIND.		WEATHER	TEMP.	HUMIDITY.	VISIBILITY.	HEIGHT	LOW CLOUD.		UPPER CLOUD.		SEA	BAROM.	↑	WIND.		WEATHER	TEMP.	HUMIDITY.	VISIBILITY.	HEIGHT	LOW CLOUD.		UPPER CLOUD.		SEA
	at	Change		Force		°F.	%	0-10	Feet.	Form.	Amt.	Form.	Amt.		at	Change		Force		°F.	%	0-10	Feet.	Form.	Amt.	Form.	Amt.	
	M.S.L.	in 3	Dir.	0-12												M.S.L.	in 3	Dir.		0-12								
13H. G.M.T. OF 1 <sup>ST</sup>														15H. G.M.T. OF 1 <sup>ST</sup>														
Houton B. (Orkney)	1023.0	+1	NNW	3	c	50	65	7	5-7000	Stlu	4	acu	3	2	1024.1	+1	NW	4	bc	48	75	7	7-9000	Stlu	3	acu	3	3
Eskdalemuir	1020.7	0	NE	3	c	60	65	7	3-7000	Cu	7	-	-	*	1020.9	0	NNE	1	og	59	75	8	-	St	4	acu	6	*
Stranraer	1021.1	+1	NNW	4	z	62	75	5	2-3000	Cu	1	cu	3	*	1022.4	0	NW	4	v	59	75	8	2-3000	Stlu	1	-	-	*
Lough Foyle	1025.4	0	NNE	2	c	55	87	6	2-3000	St	8	-	-	2	1026.9	+2	N	3	c	51	92	8	1-1500	St	6	-	-	1
Valencia (Cahire'n)	1021.0	0	-	0	bc	63	-	-	-	-	-	-	-	2	1021.9	+1	WSW	1	c	66	75	7	4-5000	Cu	8	-	-	2
Anglesey (Llangefn)	1020.0	+2	NNE	2	z	63	65	4	-	-	-	-	-	3	1020.8	+1	N	1	z	61	75	4	-	-	-	-	3	
Palmouth	1026.4	-1	SE	2	bc	63	75	4	-	Stlu	1	-	-	*	1026.6	0	NNW	4	og	57	87	1	-	Stlu	6	cu	1	*
Calshot (Hants)	1018.9	-1	SW	1	b	74	65	8	-	-	-	-	-	7	1018.4	0	SW	2	b	66	87	8	-	-	acu	4	4	
Capel (Folkestone)	1019.1	-1	NE	1	z	64	58	6	-	-	-	-	-	2	1018.8	-1	-	0	b	57	75	7	2-3000	St	2	-	-	1
Aberdeen	1022.2	+3	ENE	3	0	52	87	8	-	Nb	10	-	-	2	1023.1	+3	ENE	3	c	49	75	8	-	Stlu	6	-	-	2
East Fortune	1021.1	0	NE	1	bc	59	75	7	3-7000	Stlu	4	-	-	*	1022.2	+3	NE	2	0	63	87	6	1-2000	Cu	8	-	-	*
Howden	1026.0	+1	NE	2	c	65	65	6	-	-	-	acu	7	*	1026.5	+1	ENE	2	0	57	75	6	2-3000	St	5	acu	4	*
Felixstowe	1020.5	0	SSE	1	z	55	87	7	-	-	-	-	-	3	1019.3	-1	E	1	b	55	82	6	-	-	acu	1	2	
Cranwell (Lincs)	1018.9	0	SE	1	bc	68	75	7	3-7000	Stlu	4	acu	2	*	1019.7	+2	NE	2	c	57	92	8	1-2000	St	3	acu	3	*
Bedford	1018.2	-1	-	0	b	75	55	-	-	-	-	-	-	*	1017.9	0	N	1	-	-	75	-	2-3000	Nb	10	-	-	*
Benson	1017.8	0	NW	1	b	-	-	-	-	-	-	-	-	*	1017.4	-1	NW	1	0	70	45	6	-	-	acu	8	*	
London (Kew Obs.)	1018.2	-2	-	0	z	74	58	5	-	-	-	-	-	*	1017.0	-1	E	2	bcy	69	55	7	-	-	acu	3	*	
1H. G.M.T. OF 2 <sup>ND</sup>														7H. G.M.T. OF 2 <sup>ND</sup>														
Houton B. (Orkney)	1025.4	0	N	5	0	43	82	7	2-3000	Stlu	10	-	-	-	1025.8	+1	N	6	0	42	75	7	3-4000	Stlu	10	-	-	3
Eskdalemuir	1024.6	+2	NNE	3	c	46	87	7	-	Stlu	8	-	-	*	1025.4	+2	-	0	cu	48	65	7	-	-	acu	7	*	
Stranraer	1023.8	0	NW	1	0	50	92	5	1-1500	Stlu	10	-	-	*	1025.5	+4	-	0	cu	52	92	8	2-3000	Stlu	9	-	-	*
Lough Foyle	1024.8	+1	NNW	1	bc	62	*	*	*	*	*	*	*	*	1026.4	+1	WSW	4	bc	50	92	8	2-3000	Cu	3	-	-	1
Valencia (Cahire'n)	1024.8	+1	NNW	1	bc	62	*	*	*	*	*	*	*	*	1026.7	+3	-	0	b	56	82	10	-	-	-	-	-	
Anglesey (Llangefn)	1023.4	+2	-	0	b	47	92	-	-	-	-	-	-	3	1023.3	0	-	0	0	51	87	5	1-1000	St	10	-	-	4
Palmouth	1022.1	0	NW	4	bc	53	98	6	-	Cu	4	-	-	*	1022.6	+2	NNE	4	b	56	82	6	-	-	-	-	*	
Calshot (Hants)	1019.2	+1	W	1	b	56	92	6	-	-	-	-	-	4	1021.6	+2	NE	3	c	56	92	5	5-7000	St	8	-	-	4
Capel (Folkestone)	1020.0	0	NE	2	b	47	98	5	1-1500	St	3	-	-	2	1020.6	+1	ENE	4	0	52	92	7	-	St	10	-	-	4
Aberdeen	1024.2	0	WNW	2	bc	40	92	5	2-3000	St	2	-	-	*	1024.4	+1	NW	3	bc	49	55	8	-	Stlu	6	-	-	2
East Fortune	1026.3	+5	NE	1	bc	42	92	5	1-1500	Stlu	3	acu	3	*	1025.1	?	W	3	bc	48	-	-	-	-	-	-	-	*
Howden	1022.9	+2	-	0	0	50	92	5	3-4000	St	10	-	-	*	1023.7	+1	NNE	2	0	53	65	7	5-7000	Stlu	8	-	-	*
Felixstowe	1021.3	0	N	1	c	51	98	-	-	-	-	-	-	2	1022.1	+2	N	3	0	54	82	7	2-3000	Stlu	9	-	-	3
Cranwell (Lincs)	1022.8	+2	N	1	0	50	98	6	2-3000	St	10	-	-	*	1023.2	+2	NE	3	0	52	87	8	1-2000	St	5	acu	2	*
Bedford	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.4	+4	NE	2	0	53	82	2	5-7000	St	9	-	-	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.9	+3	NNE	3	0	52	87	4	-	Stlu	9	-	-	*
London (Kew Obs.)	1020.5	+3	ESE	2	bc	55	*	*	*	*	*	*	*	*	1021.8	+3	NE	3	0	53	75	5	-	Stlu	9	acu	1	*

STATIONS CONTRIBUTING REPORTS AT 7H AND 13H.

STATIONS.	BAROM. at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea	Rainfall 0-9. mm.	TEMP.		WEATHER.			Sunshine Hours.
	m.b.	°F.	Direc.	Force 0-12		at M.S.L. m.b.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	
1st. G.M.T. of 1st						7th. G.M.T. of 2nd						24 HOURS ENDED 7th. 2nd						1st			
Lerwick	1022.2	47	N	4	om	1028.2	0	44	-2	NNW	5	-	om	3	Trace	48	42	om	omp	om	*
Stornoway	1025.6	52	N	3	o	1028.0	+1	49	-2	N	2	-	o	1	-	56	41	o	o	o	2.5
Castlebay (Barra)	1025.9	52	N	4	b	1028.2	+1	48	-3	NE	2	-	o	2	-	57	46	o.	o.c.b.	h.o.	7.3
Glasgow	1021.2	56	NW	4	o	1025.9	+2	49	-1	WNW	1	-	c	*	-	67	43	?	?	o.c.b.c.	4.7
Malin Head	1025.3	52	NNW	3	bc	1026.4	+1	50	-2	NNW	3	-	bc	3	-	55	46	bc	bc	bcv.	8.7
Blackod Point	1023.9	58	NE	4	bv	1028.1	+2	54	-2	ENE	3	NE	bcv	3	-	65	51	bv	bv	bcv.bv	*
Roche's Point	1022.2	62	SSE	1	o	1026.7	+2	56	+1	W	1	-	b	1	0.1	65	52	bz.oz	oz.tgo	bz.bw.	*
Birr Castle	1022.7	68	N	2	b	1027.4	*	50	-6	NNW	1	-	b	*	-	73	45	bz	bz	b	12.8
Donaghadee	1022.3	57	N	4	b	1025.6	+2	48	-2	N	4	-	bcz	4	-	60	48	bcv	bm	bc.bqz	*
Liverpool (Bidston)	1019.8	57	W	3	b	1023.2	+2	51	-6	WNW	1	-	o	1	-	61	50	bm	bm	bc.o	13.3
Holyhead	1021.2	57	NNE	4	b	1022.9	0	62	-2	N	4	-	bz	3	-	58	49	bm	bm	bz	11.4
Pembroke (St. Ann's Head)	1020.8	60	NE	3	bz	1024.4	+3	52	-3	N	4	-	b	3	-	62	48	f.	bz	bz.bj	4.6
Scilly (St. Mary's)	1022.3	55	NW	2	om	1023.4	0	55	+1	NNE	3	-	b	3	-	62	52	om.om	om.om	f.b	1.7
Jersey (St. Aubin)	1019.3	63	NW	3	b	1019.3	0	56	-5	N	2	-	b	1	-	68	50	bc.	c.b	bcv.bm	11.5
Portland Bill	1019.2	58	NW	3	b.	1020.4	+1	55	-4	NE	4	-	bcq	4	-	64	52	bc.b.	b	bcq	*
Dungeness	1018.3	55	ENE	3	b.	1020.3	+1	54	-2	NE	4	-	c	4	-	59	52	bc.b.	b	bc	*
Wick	1023.4	50	N	3	bc.	1025.1	+1	47	0	N	4	-	cu	3	0.4	50	44	om.c	c.bc	omp.cu	*
Nairn	1023.3	53	ENE	2	bc	1025.6	*	46	-7	NNE	3	-	c	3	-	56	44	cg.bc	bcq	cg	2.2
Leith	1021.1	54	E	2	c	1025.7	0	49	-1	NW	1	-	c	2	-	59	42	o.c.bc	bc.buc	cu.czc	*
Lynmouth	1020.5	54	NE	2	bc	1023.8	+2	50	0	N	3	-	bm	3	-	58	43	om	bc	cu	*
Spurn Head	1021.7	54	NE	2	c	1024.0	+1	52	0	NNE	3	-	c	3	9	57	48	c.	c.	c	2.9
Yarmouth (Gorleston)	1018.6	54	SE	3	m	1022.0	+?	52	-3	N	4	-	cu	3	-	57	51	b.bj	bcv.bj	bcv.cu	12.0
Clacton-on-Sea	1019.0	57	ESE	3	b	1021.7	+2	54	-2	NNE	4	-	c	2	-	58	50	bc.bz	bz	b.oz.o.c	11.2
Nottingham	1019.8	59	NE	4	c	1023.4	*	51	-2	NE	2	-	op	*	Trace	73	50	b.	bc.c.	c.o.	9.6



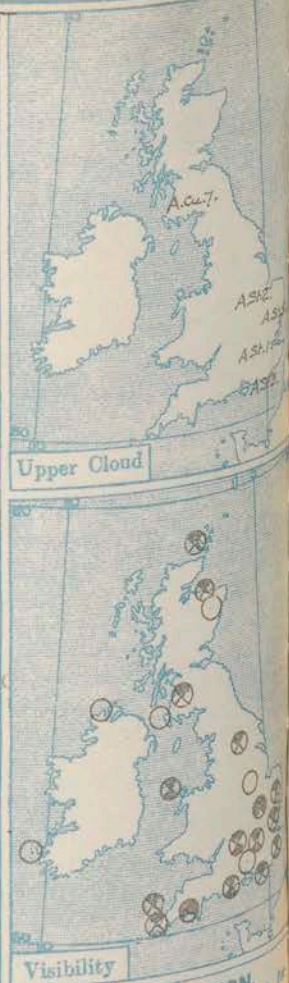
# SUMMARY OF CONDITIONS AT 7 A.M. Monday, 2nd June, 1919.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NE 10-15	rather cool	Cloudy or dull	good	moderate
2. E. England	N-NE 10-15	" "	Cloudy or dull; mist at	"	slight
3. E. Midlands	NNE 5-10	" "	Dull; showers at Yarmouth & Nottingham	poor	"
4. W. Midlands	N-NE up to 10	moderate	Variable sky	"	"
5. S.W. England	NNW-NNE 10-20	"	Fine or fair; local mist & fog	var.	slight
6. South Wales	N 15	"	Fine	ord.	slight
7. North Wales	N. 0-15	r. cool	Var; sky; local haze	ord.	slight
8. N.W. England	Var 0-2	"	Dull	"	smooth
9. N. Midlands	Var. 2-5	"	Cloudy or dull	"	"
10. N.E. England	NNW-NNE 5-15	Mod.	Variable sky	ord.	slight
11. E. Scotland	W-n 10-20	r. cool	Fair to dull; squalls locally	good	slight
12. S.W. Scotland	Var 0-2	"	Cloudy or dull	v. good	slight
13. Isle of Man	N 15	"	Variable sky	"	moderate
14. N. & N.W. Scotland	N 5-15	"	Cloudy or dull; local mist	Var	slight
15. Hebrides	N-NE 5	"	Dull	Ord.	smooth
16. Orkneys and Shetlands	NW-N 20-25	"	Dull; mist at Lerwick	Var.	slight
17. N.W. Ireland	NE 10	moderate	Fair	except.	slight
18. N.E. Ireland	NW-N 10-15	r. cool	Fair local haze & squalls	Var	Mod.
19. S.E. Ireland	NNW N 2-10	Mod.	Fine	Ord.	slight
20. S.W. Ireland	W 0-2	"	Fine	except'l.	smooth

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

An anticyclone covers a large area to the westward and north-westward of the British Isles, while a depression lies over the Baltic region. In these conditions a cool northerly to north-easterly breeze will prevail over the United Kingdom, with generally fair weather.

Districts.	Forecasts for the 24 hours commencing 3 p.m.
1. S.E. England	Wind between northeast and north, light or moderate.
2. E. England	Variable sky, slight local showers. Much cooler than of late.
3. E. Midlands	
4. W. Midlands	
5. S.W. England	North or north-east wind, light. Fair generally; cool.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	Northerly wind, light or moderate. Variable sky, local showers. Cool.
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	Same as districts 4 - 8
15. Hebrides	
16. Orkneys and Shetlands	Same as districts 9 - 11
17. N.W. Ireland	
18. N.E. Ireland	Same as districts 4 - 8
19. S.E. Ireland	
20. S.W. Ireland	



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

Further Outlook.

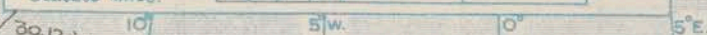
similar conditions to those now prevalent are likely to continue for some time.



SYNOPTIC CHART FOR MORNING OF Monday, 2<sup>nd</sup> June, 1919.

Scale - 1:10,000,000

Nautical Miles  
Statute Miles.



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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 1538

MONDAY  
JUNE 2<sup>nd</sup>

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 1 <sup>st</sup> JUNE 1919																				
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-21h.	Day. 9h-17h.	to 17h. 1st	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-21h. 1st	Day. 9h-17h. 1st	to 17h. 1st	Sunrise to Sunset.	
Scotland.	Banff ... ..	To	b	52	47	3	1	4.1	0.0	England, N.W.	Southport ... ..	c.b.c.c.	b.c.z.b	63	47	-	-	9.0	12.1	
	Montrose ... ..																			
	St. Andrews ... ..																			
	OBAN	b	b	63	47	-	-	12.4	12.1											
England, N.E.	Harrogate ... ..	b.c.b	b.c.b	64	45	-	-	5.5	12.4	Midlands.	Buxton ... ..									
	Skegness ... ..										Leamington Spa ... ..									
											Malvern ... ..									
											Ross-on-Wye ... ..	b.b.c	b.c.z.	79	49	-	-	6.8	13.4	
England, E.	Felixstowe ... ..	om	b.c.m	58	45	-	-	7.9	13.2	Wales.	Rhyl ... ..	b.c.	b.c.	75	47	-	-	11.1	-	
	Walton-on-Naze ... ..										Colwyn Bay ... ..	-	-	64	50	-	-	10.7	-	
	Southend-on-Sea ... ..										Llandudno ... ..	b.z	b	60	47	-	-	11.0	-	
											Aberystwyth ... ..									
England, S.E.	BRIGHTON	-	-	62	50	-	-	11.8	12.3	England, S.W.	Weymouth ... ..									
	Margate ... ..										Torquay ... ..	b	b	71	50	-	-	11.0	-	
	Ramsgate ... ..	c	c	57	48	-	-	7.1	13.2			Penzance ... ..								
	Hastings ... ..	b	b	64	52	-	-	11.8	12.4			Newquay ... ..	f	b.f	58	51	-	-	0.9	-
	Eastbourne ... ..	b	b	65	50	-	-	11.5	12.5			Weston-s-Mare ... ..								
	Worthing ... ..	b	b	70	51	-	-	11.5	12.6											
	Littlehampton ... ..																			
	Bournemouth ... ..			76	48	-	-	11.5	12.8											

SUMMARIES FOR PAST 24 HOURS.											BEAUFORT NOTATION.			THE BEAUFORT SCALE WIND FORCE.		
STATIONS.	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.		Sun. Hours.	No.	Limits of Velocity.				
	7h-13h. <sup>21</sup>	13h-18h. <sup>67</sup>	18h-1-1b. <sup>70</sup>	1b-7h. <sup>70</sup>				Day. 7h-18h	Night. 18h-7h			Statute miles per hour.	Metres per second.			
†Houton Bay (Orkney)...	c.o.b	bc.c	c.opz	c	51	42	*	*	*	*	b	blue sky (not more than a quarter covered).	0	Less than 1	Less than 0.4	
Eskdalemuir ... ..	om.a.c	c.o.og	c.c.c	c	64	38	34	-	-	4.2	bc	sky partly cloudy (one half covered).	1	1-3	0.3-1.5	
†Stranraer ... ..	b.bcz	b.bcv	b.bc.b	c	64	46	*	*	*	*	c	generally cloudy (three quarters covered).	2	4-7	1.6-3.3	
†Lough Foyle ... ..	bc.c	bc.c	*	bbcv	62	36	*	*	*	*	d	drizzle, or fine rain.	3	8-12	3.4-5.4	
Valencia (Cahirciveen) ...	bc	bz.cz	bc	bcbzb	67	51	?	-	-	10.2	e	wet air without rain falling.	4	13-18	5.5-7.9	
†Anglesey (Llangefni) ...	bz	bz	b	co	66	43	*	*	*	*	f	fog. g gloom.	5	19-24	8.0-10.7	
Falmouth ... ..	c.z.bz	b.b.c.v	om.c	bcb	66	52	47	-	-	7.4	h	hail. i lightning.	6	25-31	10.8-13.6	
†Calshot (Hants) ... ..	b	b.bc.z	b	bcc	75	50	*	*	*	*	m	mist.	7	32-38	13.9-17.1	
†Capel (Folkestone) ... ..	z	bz	bc.c	ro	69	46	*	*	*	*	o	overcast sky.	8	39-46	17.2-20.7	
Aberdeen ... ..	c.op	c.c.bc	b.bc	bcpb	58	41	31	0.3	0.2	5.5	p	passing showers.	9	47-54	20.8-24.4	
†East Fortune ... ..	c.o	bc.c.p	bc.c.p	co	64	38	*	*	*	*	q	squalls.	10	55-63	24.5-23.4	
†Howden ... ..	c.o.z	c.c.c	cp	co	64	38	*	*	*	*	r	rain.	11	64-75	25.4-33.6	
†Felixstowe ... ..	z	bz	bc.c	c	57	44	*	*	*	*	rs	sleet, i.e., rain and snow together.	12	Above 75	33.6 or above	
†Cranwell (Lincs) ... ..	bc.c.b.c	bc.c.b.c	c.c	co	71	57	*	*	*	*	s	snow.				
†Bedford ... ..	z	ez	*	c.p.z	77	45	*	*	*	*	t	thunder.				
Benson ... ..	b	b.c.z.o	*	*	79	45	36	-	-	*	u	ugly, threatening sky.				
London (Kew Obs.) ... ..	bz	bcz	bzo	*	74	49	43	-	-	6.4	v	unusual visibility.				

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

**SYMBOLS—**

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

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp.	Min. Temp.	Min. on Grass.	Rain- fall.	Sun- shine to Sunset.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				
	Morning.	Afternoon.	Night.	°F.	°F.	°F.	mm.	Hours.	15 h. G.M.T.	9 h. G.M.T.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise. G.M.T.	Noon G.M.T.	Sunset G.M.T.
	24 HOURS ENDED 9H G.M.T. 2 <sup>nd</sup>								YESTERDAY.	TO-DAY.						
Greenwich (Royal Observatory)	b	b.c	c	77	49	43	-	11.1	41	62	Total ..... 1519 ..... Joules.  Milliwatts.	Yarmouth... {  Greenwich {  Wick ... {  Valencia ... {				
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	8.7	*	*						
Westminster (St. James's Park)	*	*	*	75	50	-	-	8.0	54	70						
" (Admiralty Arch)	b.m	b.m.z.c	b.c	74	50	*	-	7.3	53	67						
Camden Sq. (British Rainfall)	-	-	*	77	49	47	-	9.7	-	61						
Kensington Palace ... ..	b	b.c.o	*	*	*	*	*	*	*	*	Average Rate. 260 Maximum Rate. 56					
Richmond Park ... ..	*	*	*	*	*	*	*	*	*	*						

## NOTES ON THE WEATHER OF YESTERDAY.

The day was again very bright except in Scotland and a few parts of England. On the SW coast the record was spoilt by fog. Thunder was reported locally in England, but the weather was dry generally. Temperature rose to 79° at Benson and Ross-on-Wye and to above 70° over a very large area, but along the NE and E coasts the maximum was below 60°. The minima of the night were lower than of late.





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

No 21012B ... TUESDAY, 3<sup>rd</sup> JUNE ... 1919.

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

STATIONS	13H. G.M.T. ... 2nd ...														18H. G.M.T. OF ... 2nd ...													
	Barom. at M.S.L. m.b.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather	TEMP. °F.	Humidity %	Visibility. 0-10.	Height of Low Cloud Feet.	Low Cloud Form.	Amt. 0-10.	Upper Cloud Form.	Amt. 0-10.	Sea 0-9.	Barom. at M.S.L. m.b.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather	TEMP. °F.	Humidity %	Visibility. 0-10.	Height of Low Cloud Feet.	Low Cloud Form.	Amt. 0-10.	Upper Cloud Form.	Amt. 0-10.	Sea 0-9.
Houton B. (Orkney)	1027.0	+1	NNW	5	o	46	75	7	3-4000	St-cu	10	-	-	3	1027.1	0	NNW	6	o	44	75	7	3-4000	St-cu	9	-	-	3
Eskdalemuir	1025.6	0	N	3	o	54	65	7	-	St-cu	10	-	-	*	1025.3	0	NNE	3	b	55	65	6	-	Cu	1	ci-st	2	*
Stranraer	1026.0	+1	NNW	4	q	57	65	8	4-5000	St-cu	2	ci	1	*	1026.1	0	NNW	4	bq	55	65	8	-	-	-	A-st	1	*
Lough Foyle	1029.3	0	NNW	5	o	50	87	8	3-4000	St-cu	8	-	-	2	1030.6	0	N	4	b	51	92	8	-	Cu	2	-	-	2
Valencia (Cahire'n)	1027.4	0	NNE	2	b	69	55	10	-	-	-	ci-cu	2	1	1028.2	+1	NNW	2	b	62	75	10	-	-	-	A-st	2	2
Anglesey (Llangefni)	1025.3	+1	ENE	3	c	59	65	5	1 1/2-2000	Fr-cu	8	-	-	4	1026.3	+1	N	3	o	53	65	8	2-3000	St-cu	9	A-cu	1	4
Falmouth	1024.4	+1	N	6	b	61	55	7	-	-	-	-	-	*	1024.3	+1	N	5	cq	55	82	6	-	St-cu	8	-	-	*
Calshot (Hants)	1022.8	0	E	3	o	62	87	6	3-4000	St	10	-	-	4	1023.0	+1	SE	1	o	58	92	8	4-5000	St	10	-	-	2
Capel (Folkestone)	1022.4	0	NE	3	bv	56	75	8	-	Cu	3	-	-	4	1021.8	+1	NE	3	bv	52	75	8	-	St-cu	2	A-cu	1	4
Aberdeen	1025.7	+1	NNW	4	qv	52	55	8	-	Cu	9	-	-	3	1026.1	+1	NNW	4	cq	50	55	8	-	Cu	7	-	-	3
East Fortune	1026.2	+1	NNE	3	c	55	55	7	3-4000	St-cu	7	-	-	*	1026.3	+1	E	3	b	52	65	6	-	-	-	ci	4	*
Howden	1024.2	+1	N	4	o	59	55	6	3-4000	St-cu	9	-	-	*	1024.8	+1	NNE	3	o	53	65	6	4-5000	St-cu	1	A-st	8	*
Felixstowe	1023.0	0	NE	4	c	55	75	7	3-4000	Fr-cu	9	-	-	4	1023.3	0	NNW	4	c	55	65	7	3-4000	Cu	6	-	-	4
Cranwell (Lincs)	1021.6	0	N	3	o	59	82	7	2-3000	St-cu	6	-	-	*	1024.4	+1	N	3	c	52	87	7	3-4000	St-cu	2	ci-st	5	*
Bedford	1023.2	0	NE	2	o	60	55	4	5-7000	St-cu	10	-	-	*	1023.8	0	NE	3	q	54	65	1	5-7000	St	6	ci	?	*
Benson	1022.6	-1	NNE	3	o	61	65	5	-	-	-	-	-	*	1023.0	0	NE	4	o	58	65	7	-	-	-	ci-st	8	*
London (Kew Obs.)	1022.8	-1	NE	3	c	62	55	6	-	St-cu	7	-	-	*	1023.0	0	NE	2	o	59	55	7	-	St-cu	5	A-st	4	*
1H. G.M.T. OF ... 3rd ...															7H. G.M.T. OF ... 3rd ...													
Houton B. (Orkney)	1027.6	-1	N	5	o	43	92	6	1 1/2-2000	St-cu	10	-	-	3	1026.8	-1	N	5	th,q	45	98	1	1-1000	st	10	-	-	2
Eskdalemuir	1027.6	+1	N	3	bv	40	87	6	-	-	-	-	-	*	1027.1	+1	NE	1	bv	47	75	7	-	Cu	2	ci	3	*
Stranraer	1026.6	0	NNW	1	b	47	92	5	3-4000	St	1	-	-	*	1027.4	+1	-	0	b	51	82	8	-	-	-	ci-st	4	*
Lough Foyle	1029.0	-1	NNW	2	bc	55	*	*	*	*	*	*	*	2	1030.8	0	NNW	2	o	50	92	8	2-3000	St-cu	10	-	-	*
Valencia (Cahire'n)	1029.0	-1	NNW	2	bc	55	*	*	*	*	*	*	*	2	1030.1	+1	-	0	bc	55	87	10	-	St	1	ci	3	*
Anglesey (Llangefni)	1027.1	+1	-	0	b	42	97	-	-	-	-	-	-	2	1027.4	+1	N	2	o	49	92	6	1-1500	St-cu	10	-	-	4
Falmouth	1025.4	0	NW	3	b	51	82	6	-	-	-	-	-	*	1026.1	+1	NNW	2	bz	55	92	5	-	-	-	-	-	*
Calshot (Hants)	1026.3	+3	NE	3	o	52	87	8	1-1000	St	10	-	-	6	1027.2	+1	ENE	2	b	52	87	7	-	-	-	-	-	4
Capel (Folkestone)	1024.1	0	N	3	b	44	87	8	2-3000	St	3	-	-	2	1024.0	0	N	4	o	47	87	8	2-3000	St-cu	10	-	-	3
Aberdeen	1026.0	0	NNW	5	o	44	75	6	2-3000	St-cu	10	-	-	*	1026.4	0	NNW	3	o	49	82	8	2-3000	St	10	-	-	3
East Fortune	1027.6	0	-	0	bc	40	92	9	5-7000	St-cu	3	-	-	*	1027.6	0	-	0	c	49	75	5	5-7000	St-cu	4	a-cu	4	*
Howden	1026.1	+1	NNW	2	o	45	87	5	3-4000	St-cu	9	-	-	*	1026.2	0	NNW	4	o	43	75	4	2-3000	St-cu	10	-	-	*
Felixstowe	1024.4	0	NNW	3	o	47	82	6	-	-	-	-	-	4	1024.0	0	NNW	3	o	49	82	6	3-4000	Cu	10	-	-	4
Cranwell (Lincs)	1025.9	0	NW	2	o	45	92	6	2-3000	St	10	-	-	*	1025.8	0	NNW	3	o	48	92	5	2-3000	St	5	a-st	3	*
Bedford	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1026.3	0	N	3	om	49	75	4	2-3000	St	10	-	-	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1025.9	+2	NW	2	o	47	87	4	-	St-cu	10	-	-	*
London	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1025.9	+2	N	2	o	49	65	5	-	St-cu	8	a-st	2	*
M.O. at L.L.	1025.9	+1	NNW	2	b	48	*	*	*	*	*	*	*	*	1025.9	+2	N	2	o	49	65	5	-	St-cu	8	a-st	2	*

STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.

STATIONS.	BAROM. at M.S.L.  m b.	TEMP.  °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm	TEMP.		WEATHER.			Sunshine Hours.
			Dir. of	Force 0-12.		Temp. °F.	Change in 24 hours.	Dir. of	Force 0-12.	Max. °F.	Min. °F.					Morning.	Afternoon.	Night.			
Lerwick	1024.7	45	N	5	om	1025.0	0	45	+1	N	3	N	cm	3	-	46	42	om.	om.	cm	*
Stornoway	1028.7	52	N	3	o	1027.6	-1	51	+2	WSW	2	-	o	1	-	54	48	o.	o.	o	0.3
Castletown (Barras)	1029.3	53	NNW	4	b	1028.7	0	50	+2	SW	3	-	odp	2	0.1	55	48	o.c.b.	bc.b	b.odp	4.4
Glasgow	1025.1	60	E	1	bc	1027.4	+1	45	-4	-	0	N	cz	*	-	64	40	c.	c.bc.	b.bez	6.7
Malin Head	1028.2	52	NNW	3	bc	1029.3	0	50	0	N	2	N	cg	2	-	56	48	bc.	bc.	cg	10.7
Blacksod Point	1029.1	55	NE	3	bv	1030.2	0	51	-3	N	1	-	ov	2	-	59	47	bv.	bv.	bv.ov	*
Roche's Point...	1026.8	67	N	3	b	1028.9	+1	53	-3	N	2	-	b	1	-	69	50	b.ov.	o.b.	b	*
Birr Castle	1027.1	62	NW	2	c	1029.7	*	49	-1	NW	1	N	bc	*	-	67	42	c	c	bc	13.0
Donaghadee	1026.2	53	N	5	bmg	1027.4	+2	50	+2	NNW	4	N	bcg	4	-	56	47	bq.2.	bcg.	bmg	*
Liverpool (Lidston)	1025.2	54	NNW	3	o	1026.8	+1	50	-1	WSW	1	NW	od	1	-	60	49	o.c.b.	c.o.	bc.o	4.6
Holyhead	1026.4	54	NNE	4	c	1027.4	+1	51	-1	N	4	-	bz	3	-	59	48	bz.	c.	bz.bf	8.7
Pembroke (St. Ann's Head)	1025.2	58	NNE	4	c	1027.5	+2	50	-2	N	2	-	bz	2	-	60	46	c.o	c.bc.	c.bc.b	10.4
Saillly (St. Mary's)	1026.4	57	N	4	bc	1027.3	+1	54	-1	NNE	3	SE	b	4	-	59	51	b	b.bc.	bc.b	12.1
Jersey (St. Aubin)	1021.7	60	N	3	b	1025.4	0	55	-1	ENE	3	-	b	2	-	64	52	bm.c.	b.	b	10.2
Portland Bill	1022.2	57	W	2	o	1025.5	+2	54	-1	NNE	4	NE	bc	3	-	61	52	bc.	bc.o.	bc	*
Dungeness	1021.8	54	ENE	4	b	1023.8	+1	48	-6	N	3	N	c	3	-	59	42	c.b.	bc.b.	b.bc	*
Wick	1025.8	47	NNW	4	o	1026.3	0	46	-1	NW	3	-	om	2	0.2	50	44	cm.o	o.	omd	*
Nairn	1027.0	53	NE	3	bc	1027.1	*	50	+4	-	0	-	cg	1	-	58	46	cg.	cg.bc.	bc.cg	3.6
Leith	1025.4	56	E	1	b	1027.0	0	48	-1	W	1	NW	c	1	-	59	41	c.bc.b	b	b.bz.c	*
Tynemouth	1025.3	50	NE	4	bc	1025.9	0	47	-3	N	5	-	o	5	-	53	43	cm.	bc.	om	*
Spurn Head	1024.7	53	N	4	bcg	1025.6	0	49	-3	NNW	6	-	og	5	-	54	46	bcg.	bcg	c.og	7.5
Yarmouth (Gorleston)	1021.8	53	N	5	bc	1022.0	0	49	-3	N	5	-	c	5	-	57	48	cm.bc.	bc	bc.c	9.4
Clacton-on-Sea	1022.5	58	NNW	4	bc	1022.2	+1	49	-5	NNW	4	N	c	2	-	60	42	c.	b.bcg.	c	6.1
Nottingham	1024.2	55	NE	3	bc	1026.4	*	50	-1	N	2	N	cz	*	-	60	43	o.c.	c.bc.	bc.b	3.3



# SUMMARY OF CONDITIONS AT 7 A.M. Tuesday, 3rd June, 1919.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	N-NE 5-15	cool	Mainly cloudy or dull	v.good	slight
2. E. England	NW-N 10-20	cool	Cloudy or dull	ord.	r.rough
3. E. Midlands	NW-N 5-10	"	Cloudy or dull	indiff.	-
4. W. Midlands	NW-NE 2-5	r.cool	Variable sky	-	-
5. S.W. England	N-E 5-15	mod.	Fine or fair; local haze	ord.	slight
6. South Wales	N 5	"	Fair or fair; local haze	indiff.	smooth
7. North Wales	NNW-N 5-15	r.cool	Variable sky, local fog	var.	mod.
8. N.W. England	var. 2	"	Fair to dull	ord.	smooth
9. N. Midlands	NW-N 5-10	"	Fair to dull	ord.	-
10. N.E. England	NW-N 15-25	"	Dull, local squalls	ord.	r.rough
11. E. Scotland	W-NNW 0-15	r.cool	Cloudy or dull, local	ord.	slight
12. S.W. Scotland	NW 0-2	"	Variable sky	v.good	slight
13. Isle of Man	NW 10-15	mod.	Fair	ord.	mod.
14. N. & N.W. Scot- land	WSW-WNW 5-10	mod.	Dull, local mist	poor	smooth
15. Hebrides	SW 5-10	"	Dull, local showers	ord.	smooth
16. Orkneys and Shetlands	NNW-N 10-25	r.cool	Cloudy, local rain, hail and mist	v.poor	slight
17. N.W. Ireland	N 2-5	mod.	Dull	except'l	smooth
18. N.E. Ireland	NW-N 5-15	"	Fair to dull	v.good	slight
19. S.E. Ireland	NW-N 2-5	"	Fine or fair	ord.	smooth
20. S.W. Ireland	N 0-5	"	Fine or fair	except'l	smooth

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

The barometric changes are very slight and indicate no important modification in the general character of the weather now prevalent.

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

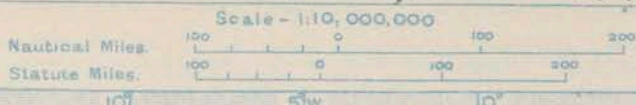
Further Outlook.

Districts.	Forecasts for the 24 hours commencing 3 p.m.
1. S.E. England	Wind mainly N, light or moderate, stronger at times locally. Sky variable. Very cool, dry air.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Wind mainly N, light; fair generally. Very cool, dry air.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Same as for districts 1 - 3
10. N.E. England	
11. E. Scotland	Wind N to NW or W light; variable sky, local showers, very cool.
12. S.W. Scotland	
13. Isle of Man	Same as for districts 4 - 8
14. N. & N.W. Scot- land	
15. Hebrides	Same as for districts 11.
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind between NW and NE, light; fair generally, temperature rising somewhat.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

A depression far to the northward is likely to bring the wind into NW or W in Scotland, but elsewhere no important change appears probable.



# SYNOPTIC CHART FOR MORNING OF Tuesday, 3<sup>rd</sup> June, 1919.





# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 152. B

TUESDAY  
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. 1st.	Day. 9h-17h. 2nd.	to 17h. 2nd.	Sunrise to Sun- set 3rd.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h. 1st.	Day. 9h-17h. 2nd.	to 17h. 2nd.	Sunrise to Sun- set 3rd.
Scotland.	Banff ... ..	c. bc.	bc.	51	44	0.1	-	2.0	8.1	England, N.W.	Southport ... ..	bc, c. b.	bc. c. o.	60	51	-	-	6.7	10.5
	Montrose ... ..			55	43	-	-	4.1	-		Blackpool ... ..			62	51	-	-	6.2	-
	St. Andrews ... ..			58	37	-	-	4.6	-		Douglas (I. of Man)			59	48	-	-	7.0	-
	Oban ... ..			60	43	-	-	10.1	13.7										
England, N.E.	Harrogate ... ..	bc. c. o.	o. bc. c.	56	48	-	-	5.6	5.7	England, Midlands.	Buxton ... ..			59	48	-	-	2.5	-
	Skegness ... ..	bc.	b.	58	51	-	-	9.6	-		Leamington Spa ...	c. b.	c. b.	61	50	-	-	0.5	-
											Malvern ... ..								
											Ross-on-Wye ... ..	bc. c. o.	cm	62	48	-	-	0.2	7.5
England, E.	Felixstowe ... ..	bc.	bc.	61	49	-	-	7.4	9.4	England, Wales.	Rhyl ... ..	c.	bc.	61	50	-	-	7.4	13.1
	Walton-on-Naze ...										Colwyn Bay ... ..	-	-	59	49	-	-	5.9	13.5
	Southend-on-Sea ...	c. o.	o. c.	61	52	-	-	3.8	-		Llandudno ... ..	c. b.	c. b.	60	49	-	-	8.6	13.0
											Aberystwyth ... ..	c. bc.	b. bc.	60	53	*	*	8.5	-
England, S.E.	Brighton ... ..	-	-	64	51	-	-	2.2	12.8	England, S.W.	Bude ... ..	b.	b.	58	50	-	-	11.9	-
	Margate ... ..	c. bc. b.	b.	57	51	-	-	6.7	-		Tenby ... ..	bc.	bc.	64	56	-	-	9.5	-
	Ramsgate ... ..	b.	b.	56	49	-	-	7.5	8.1		Weymouth ... ..	b.	bc. c.	69	60	-	-	6.5	-
	Hastings ... ..	o. bc.	bc.	62	50	-	-	2.1	13.0		Torquay ... ..	b.	b. bc. c. o.	64	53	-	-	8.4	12.7
	Eastbourne ... ..	bc. o.	o. c. bc.	60	49	-	-	4.3	13.2		Penzance ... ..	b. bc.	bc. c.	62	54	-	-	10.0	-
	Worthing ... ..	bc.	c. o.	62	51	-	-	3.8	12.9		Newquay ... ..	b.	bc. o.	56	52	-	-	8.8	9.7
	Littlehampton ...	bc.	bc. o.	63	50	-	-	6.5	-		Weston-s-Mare ...	o. c. bc.	bc. c.	65	49	-	-	4.5	-
	Bournemouth ...	-	-	65	49	-	-	7.0	12.5										

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours.		No.	Limits of Velocity.	
	7h-18h.	18h-18h.	18h-1h.	1h-7h.				Day. 7h-18h.	Night. 18h-7h.				Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)...	bc.	bc.	bc. c.	om.	51	41	*	*	*	*	0	Less than 1	Less than 0.3	
Eskdalemuir ...	c. bc. o.	o. c. bc.	b. bc.	bc. c.	59	33	28	-	-	9.7	1	1-3	0.3-1.5	
†Stranraer ...	v. q.	g. v.	b. bc.	b. bc.	64	39	*	*	*	*	2	4-7	1.6-3.3	
†Lough Foyle ...	c. o. v.	bc. c.	bc.	ov.	55	46	*	*	*	*	3	8-12	3.4-5.4	
Valencia (Cahirciveen) ...	b.	bc.	bc. c.	bc. c.	69	48	44	-	-	13.8	4	13-18	5.5-7.9	
†Anglesey (Llangefni) ...	bc. bc.	c. o.	b. bc.	bc. c. o.	66	38	*	*	*	*	5	19-24	8.0-10.7	
Falmouth ...	bc.	bc.	b.	b. bc.	63	49	46	-	-	11.1	6	25-31	10.8-13.8	
†Calshot (Hants) ...	c. t.	c.	o.	c. o.	64	45	*	*	*	*	7	32-38	13.9-17.1	
†Capel (Folkestone)...	v. bc. c.	bc. v.	c. o. v.	ov.	64	42	*	*	*	*	8	39-46	17.2-20.7	
Aberdeen ...	bc. c. q.	bc. q.	bc. c. o.	bc. c. o.	64	46	41	-	-	7.2	9	47-54	20.8-24.4	
†East Fortune ...	bc. c.	bc. c. q.	b. bc.	bc. c.	63	36	*	*	*	*	10	55-63	24.5-28.1	
†Howden ...	c. o.	c. o.	bc. c.	o.	64	40	*	*	*	*	11	64-75	28.2-31.8	
†Felixstowe ...	b. bc. z.	b. bc. z.	b. bc. z.	bc. bc.	60	45	*	*	*	*	12	Above 75	31.9 or above	
†Cranwell (Lines) ...	bc. c. c.	c. a. c.	c. o. c.	c.	75	42	*	*	*	*	Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity, 0=sight, 2=heavy. Underlining is used to express continuity.			
†Bedford ...	c. o.	c. o. z.	c. o.	om.	77	41	*	*	*	*	SYMBOLS—			
Benson ...	o.	c.	c. o.	om.	63	35	27	-	-	2.2	An aura ☉ Solar halo ☉			
London (Kew Obs.) ...	o. bc. c.	c. o.	o. bc. o.	o. bc. o.	62	42	34	-	-	4.6	Rime ☉ Lunar halo ☉			

LONDON OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				
	Morning	Afternoon.	Night.						15 h. G. M. T.	9 h. G. M. T.						
	24 HOURS ENDED 9h G. M. T. 3rd.....								YESTERDAY.	TO-DAY.			3rd & 4th JUNE..... 1919.			
Greenwich (Royal Observatory)	c. o	c. bc	b. bc. o	65	45	36	-	3.4	53	71	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise.	Noon.	Sunset.	
City (Bunhill Row) ... ..	*	*	*	64	45	40	-	4.7	62	78		G. M. T.	G. M. T.	G. M. T.		
Westminster (St. James's Park)	*	*	*	64	46	*	-	4.0	55	78		G. M. T.	G. M. T.	G. M. T.		
" (Admiralty Arch)	bc. z. c	c	c. bc. b. bc.	64	46	*	-	4.0	55	78	Total..... 13.00..... Joules.	Yarmouth...	3.36	11.51	8.6	
Camden Sq. (British Rainfall)	bc. c	b	*	68	44	41	-	5.0	51	69		Greenwich	3.49	11.58	8.7	
Kensington Palace ... ..	bc	o. bc	*	64	44	37	-	*	69	69		Wick ...	3.43	11.58	8.6	
Richmond Park .. ...	*	*	*	*	*	*	*	*	*	*	Average Rate. 22.2 Maximum Rate. 79	Valencia ..	3.45	12.10	8.7	

## NOTES ON THE WEATHER OF YESTERDAY.

Temperatures failed to touch 65° over the Kingdom generally, and over a large area remained below 60°; at Banff the maximum was 51° and at Lerwick 46°. Locally in the south of Ireland and the SW of England the thermometer rose to 69°. The sunshine records were high at most stations in the western parts of the Kingdom and locally in the E of England, but moderate to low elsewhere; in the English Midlands and at Stornoway the day was mainly overcast.



esday  
re, 1919.



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

No. 21,013.5 WEDNESDAY, 4<sup>TH</sup> JUNE, 1919.

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

STATIONS	13H. G.M.T. 3 <sup>RD</sup>													18H. G.M.T. OF 3 <sup>RD</sup>												
	Barom. at M.S.L.	Change in 2 hours	Wind	Weather	Temp. °F.	% Humidity	Visibility 0-10	Height of Low Cloud Feet	Low Cloud Form	Upper Cloud Form	Sea	Barom. at M.S.L.	Change in 2 hours	Wind	Weather	Temp. °F.	% Humidity	Visibility 0-10	Height of Low Cloud Feet	Low Cloud Form	Upper Cloud Form	Sea				
	m.b.		Dir.									m.b.		Dir.												
Houton B. (Orkney)	1025.4	-2	WNW	6	48	97	5	1500	St.	10	-	1023.1	-4	W	6	d.	50	97	0	1500	Nb	10	-			
Eskdalemuir	1024.8	-1	NNW	2	61	55	5	7-9000	St-cu	5	A-cu	1023.9	-2	WNW	5	02	56	75	6	-	-	A-st	9			
Stranraer	1026.7	-1	NNW	5	59	65	8	-	-	-	-	1023.6	-3	NW	3	d.	53	92	8	1500	Nb	10	-			
Lough Foyle	1030.1	-2	SW	4	53	92	6	3-4000	St-cu	10	-	1023.1	-2	WSW	5	11	53	97	0	1500	Nb	10	-			
Valencia (Cahire'n)	1029.7	0	NW	3	62	75	10	-	-	-	-	1023.9	-1	NNW	3	bc	51	75	10	-	-	A-cu	6			
Anglesey (Llangefni)	1026.7	-1	N	2	58	75	7	15-2000	Fr-cu	2	Ci	1026.5	0	N	2	0	56	75	8	3-4000	St-cu	7	A-cu	2		
Painmouth	1026.4	0	SE	2	59	75	5	-	Cu	7	-	1025.9	-1	NNW	4	b2	59	75	3	-	-	Ci	1			
Calshot (Hants)	1025.4	-1	N	2	60	75	6	4-5000	St-cu	9	-	1024.0	-1	SW	2	0	58	92	4	15-2000	St	3	-			
Capel (Folkestone)	1024.2	0	N	4	51	75	7	2-3000	St-cu	10	-	1024.1	0	NNE	3	0	51	75	8	-	-	St-cu	8			
Aberdeen	1025.6	-1	NNW	3	56	65	7	-	St	10	-	1023.5	-2	SE	2	bc	52	75	7	-	-	A-cu	6			
East Fortune	1026.1	?	SW	3	58	97	1	15-1000	St-cu	2	A-cu	1023.7	-1	SW	3	c	58	75	5	4-5000	St-cu	8	-			
Howden	1025.5	0	N	4	57	65	5	2-3000	St-cu	9	-	1024.5	0	N	4	b	58	75	6	3-4000	St-cu	3	Ci-st	1		
Felixstowe	1024.4	0	NW	5	54	65	6	4-5000	St-cu	10	-	1024.0	0	NNW	5	0	51	75	5	3-4000	St-cu	10	-			
Cranwell (Lincs)	1024.9	0	N	4	55	82	5	2-3000	St-cu	2	-	1023.9	-2	ENE	3	b	56	87	7	4-5000	Cu	1	Ci-st	1		
Bedford	1025.2	-1	N	4	56	55	3	4-5000	St.	8	-	1024.6	-1	NNE	3	bq	57	55	9	5-7000	Fr-cu	2	-			
Benson	1024.7	-2	N	3	58	65	3	-	-	-	-	1023.7	-1	NE	1	b	59	65	5	-	-	-	-			
London (Kew Obs.)	1025.0	-2	N	4	56	55	6	-	Cu	8	-	1024.2	-2	N	2	b2	59	55	6	-	-	Fr-cu	1			
TH. G.M.T. OF 4 <sup>TH</sup>																										
Houton B. (Orkney)	1018.5	-3	WNW	7	49	97	0	1500	Nb	10	-	1017.3	-1	WNW	5	qf	50	98	0	1500	St	10	-			
Eskdalemuir	1022.4	-2	-	0	52	92	6	-	Nb	5	A-st	1019.0	-3	NW	5	c	58	87	5	2-3000	Cu-Nb	5	A-cu	2		
Stranraer	1024.1	-2	-	0	53	97	?	2-3000	St.	10	-	1021.9	-2	NNW	4	qf	54	98	6	1500	St	10	-			
Lough Foyle	1023.9	0	NNW	1	56	*	*	*	*	*	*	1025.2	-1	W	4	rf	53	98	0	-	-	-	-			
Valencia (Cahire'n)	1025.8	-1	-	0	52	92	9	2-3000	St-cu	10	-	1024.1	-2	S	1	02	53	98	2	1500	St	10	-			
Anglesey (Llangefni)	1026.4	0	NNW	3	52	92	6	-	-	-	-	1026.0	0	NW	4	0	56	82	5	-	-	St	10			
Painmouth	1024.6	+1	-	0	53	97	6	-	-	-	-	1023.7	-1	W	1	0	53	82	4	7-9000	Cu	3	A-cu	6		
Calshot (Hants)	1024.6	-1	NW	2	40	97	8	-	-	-	-	1023.2	-2	WNW	3	b	49	87	6	5-7000	St-cu	3	-			
Aberdeen	1020.7	-1	SW	2	53	92	5	15-2000	St-cu	10	-	1017.8	-1	NW	3	0	60	82	8	-	-	Nb	10			
East Fortune	1022.4	0	SW	3	54	92	9	2-3000	Nb	10	-	1019.9	0	WSW	3	0	57	92	4	2-3000	St-cu	9	-			
Howden	1023.1	-3	SSE	1	43	92	4	-	-	-	A-st	1023.0	-3	WSW	1	rf	55	92	3	4-5000	St	10	-			
Felixstowe	1024.5	-1	WNW	1	42	97	9	-	-	-	-	1022.3	-3	WSW	1	0	54	82	5	-	-	Ci-st	9			
Cranwell (Lincs)	1023.7	-2	S	2	40	97	6	2-3000	St	3	Ci-st	1020.5	-6	WSW	3	0	54	92	5	2-3000	St	4	Ci-st			
Bedford	1022.1	-2	W	1	50	87	3	-	-	-	-	1022.1	-2	W	1	om	52	82	3	2-3000	St	10	-			
Benson	1022.5	-3	-	0	50	87	3	-	-	-	-	1022.5	-3	-	0	0	50	87	3	-	-	St	10			
London (Kew Obs.)	1024.8	0	W	1	50	*	*	*	*	*	*	1023.0	-2	WSW	1	om	50	75	4	-	-	-	Ci-st	8		

STATIONS CONTRIBUTING REPORTS AT 7H AND 19H.

STATIONS.	BAROM. at M.S.L.		TEMP.		WIND.		Weather.	BAROMETR.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea.	Rainfall.	TEMP.		WEATHER.			Sunshine Hours.	
	m.b.	°F.	Direc.	Force 0-12.	at M.S.L. m.b.	Change in 3 hours.		Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.	Max. °F.	Min. °F.					Morning.	Afternoon.	Night.				
18H. G.M.T. of 3 <sup>RD</sup>								7H. G.M.T. of 4 <sup>TH</sup>								24 HOURS ENDED 7H. 4 <sup>TH</sup>								2.45
Lerwick	1020.8	51	W	2	sm	1014.5	-2	52	+7	NNW	2	-	om	1	-	-	52	50	cm	cm	ome	*		
Stornoway	1023.1	59	WSW	3	o	1020.2	0	54	+3	W	4	-	odpm	3	1	60	50	odp	o	odpm	0.0			
Castellbay (Barra Is)	1024.6	54	W	3	jd	1022.7	0	53	+3	NW	3	-	rf	2	2	55	50	d.podf	df	drf	0.0			
Glasgow	1024.9	54	W	3	c	1020.1	-1	56	+11	W	3	-	c	2	2	61	45	c.b.c.	od.c.	c.opcz	3.9			
Malin Head	1016.2	53	WSW	4	fr	1023.6	0	55	+5	WSW	3	-	fe	3	5	57	50	cg	c	fe	0.0			
Blacksod Point	1018.2	55	WSW	2	oym	1027.0	-2	55	+4	WSW	3	-	feb.	2	1	58	49	bcz.	bcz.	ofc.fp	*			
Roche's Point...	1017.9	63	NW	1	b	1027.7	0	60	+7	NW	2	-	o	1	-	65	53	b.b.c.	bc.b.	to.o	*			
Birt Castle	1027.8	65	NW	3	c	1026.6	*	61	+12	W	1	-	r	2	1	69	48	c	c	odr	9.9			
Donaghadee	1026.0	51	NNE	4	oym	1022.4	+1	55	+5	-	0	-	oym	0	3	38	50	bcg.	bcmg	oym	*			
Liverpool (Bidston)	1025.5	54	WNW	2	o	1022.0	-2	53	+3	W	4	-	r	3	4	59	49	o.b.c.	bc.o	or	5.7			
Holyhead	1026.4	52	N	3	cg	1023.5	-2	55	+4	WNW	4	-	op	3	4	58	50	bj	bj.b.c.	qdp	9.1			
Lembroke (St. Ann's Head)	1026.5	56	N	4	bv.	1025.8	-1	54	+4	W	2	-	or	2	-	58	50	b.	br.	bcv.ro	13.0			
Sceilly (St. Mary's)	1027.5	55	N	3	b	1027.3	0	55	+1	N	2	-	c	3	-	59	51	b.b.c.	bc.b	bc.b.c	14.1			
Jersey (St. Aubin)	1024.7	57	N	3	b	1025.0	0	54	-1	WNW	3	-	to	2	-	64	52	b	b	to	13.0			
Portland Bill	1024.8	54	W	3	c	1024.2	0	56	+2	NW	2	-	om	2	-	57	50	bc	bc	c.om	*			
Dunegness	1023.4	56	NNE	4	bc	1022.8	-1	51	+3	NNW	2	-	bc	2	-	59	41	c	c	bc.b.c	*			
Wick	1021.8	50	SW	2	o	1017.1	-1	54	+8	WNW	3	-	o	2	5	56	46	om	o	omr.p	*			
Nairn	1022.3	60	W	1	c	1019.1	*	58	+8	W	1	-	cg	1	2	61	40	cg.	c.fg.	cgp	1.4			
Leith	1023.4	59	W	2	c	1018.4	-1	58	+10	W	2	-	om	2	3	61	48	c2.c.b.c	bc.c.o.c	cu.cp.o	*			
Lynmouth	1024.5	53	NE	2	bc	1018.4	-2	56	+9	WNW	2	-	d	3	1	57	44	bcm	bc	bcm.and	*			
Spurn Head	1024.7	51	N	4	bq	1020.0	-2	50	+1	WSW	2	-	cm	5	-	53	46	cg.	bcg.	cm	2.2			
Yarmouth	1023.2	50	N	5	o	1020.5	-1	46	-3	NNW	2	-	bc	2	-	53	39	cg.	o.	c.b.c	0.0			
Clacton-on-Sea	1023.7	54	NNW	4	bc	1021.9	-3	50	+1	NNW	3	-	cg	2	-	56	38	c.dg.	o.c.bey.	bc.c3	3.4			
Nottingham	1023.9	54	ENE	2	b	1020.9	*	54	+4	WSW	2	-	r	1	1	60	43	c.b.c.	bc.b.	to	7.5			



# SUMMARY OF CONDITIONS AT 7 A.M. Wednesday, 4th June, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	WSW-WNW. 2-5	Rather cool.	Variable sky, some mist & haze.	Ord.	Smooth
2. E. England	WSW-WNW. 5-10	"	Fair to dull.	"	"
3. E. Midlands	WSW. 0-5	Moderate	Dull, local showers and mist.	Poor	"
4. W. Midlands	W-NW. 2-5	"	Dull, some local rain.	"	"
5. S.W. England	NW-N. 5-15	"	Dull, fine at Jersey	Ord.	Smooth
6. South Wales	W-WNW. 5	"	Dull, some rain.	Indiff.	"
7. North Wales	WNW. up to 10	"	Dull, some rain.	Poor	Slight
8. N.W. England	W-NW. 5-15	"	Dull, some rain	Ord.	"
9. N. Midlands	W-NW. 5-15	"	Dull, local rain	"	"
10. N.E. England	WSW-WNW. 2-5	"	Dull, local rain & mist.	Poor	Mod.
11. E. Scotland	WSW-WNW. 5-15	Rather warm	Dull, local mist.	Var.	Smooth
12. S.W. Scotland	W-NW. 0-25	"	Cloudy or dull, local squalls	Ord.	"
13. Isle of Man	NW. 5	"	Dull, some rain.	"	"
14. N. & N.W. Scotland	W-WNW. 0-15	"	Dull, local showers.	Poor	"
15. Hebrides	W-NW. 10-15	Moderate	Dull, some rain, mist & fog.	Bad	Slight
16. Orkneys and Shetlands	NW. up to 25	Rather warm	Dull, mist and fog.	"	Smooth
17. N.W. Ireland	WSW. 10	Moderate	Dull, some rain & fog	"	"
18. N.E. Ireland	WSW. 0-15	Rather warm	Dull, local rain, mist & fog.	"	"
19. S.E. Ireland	W-NW. 2-5	Warm.	Dull, some rain.	Indiff.	"
20. S.W. Ireland	NW. 0-2	Rather warm	Cloudy or dull.	V. good	"

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

A depression moving south-eastward beyond the North Sea and some ill-defined secondaries over these Islands will cause less fine weather generally, and rain or passing showers in most districts.

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

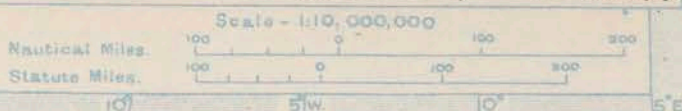
Further Outlook.

It appears probable that depressions from the north-westward or westward will encroach gradually more directly over the British Isles bringing unsettled weather, with winds from between NW. and SW., and a temperature not far from the normal.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Wednesday, 4th June, 1919
1. S.E. England	
2. E. England	
3. E. Midlands	
4. W. Midlands	Wind from between SW. and NW, light generally.
5. S.W. England	
6. South Wales	Much cloud, some rain or showers, mist locally.
7. North Wales	
8. N.W. England	Temperature rising.
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Wind W. or NW. light or moderate.
13. Isle of Man	
14. N. & N.W. Scotland	Dull, some rain, mist locally.
15. Hebrides	
16. Orkneys and Shetlands	Moderate temperature.
17. N.W. Ireland	
18. N.E. Ireland	Wind between SW. and NW, light. Cloudy or dull generally,
19. S.E. Ireland	some showers. Coastal fog or mist. Moderate temperature.
20. S.W. Ireland	



# SYNOPTIC CHART FOR MORNING OF WEDNESDAY, 4<sup>TH</sup> JUNE, 1919.





# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 155. B

WEDNESDAY  
4<sup>TH</sup> JUNE.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 3 <sup>RD</sup> JUNE																			
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-20h. 2 <sup>ND</sup> .	Day. 9h-17h. 3 <sup>RD</sup> .	to 17h. 3 <sup>RD</sup> .	Sunrise to Sunset. 2 <sup>ND</sup> .			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-20h. 2 <sup>ND</sup> .	Day. 9h-17h. 3 <sup>RD</sup> .	to 17h. 3 <sup>RD</sup> .	Sunrise to Sunset. 2 <sup>ND</sup> .
Scotland.	Banff ...	c	a	55	46	-	-	0.6	2.5	England, N.W.	Southport ...	c. b. c. bc.	c. bc. b. bc.	59	41	-	-	7.3	7.5
	Montrose ...	-	-	51	45	-	-	0.5	6.4		Blackpool ...	-	-	62	43	-	0.1	8.3	6.7
	St. Andrews ...	o	c	59	38	-	-	0.3	6.8		Douglas (I. of Man) ...	-	-	60	46	-	-	9.2	7.0
	Oban ...	-	-	55	43	-	2	4.1	11.8										
England, N.E.	Harrogate ...	a. bc.	bc. b.	61	40	-	-	7.4	6.5	Midlands.	Buxton ...	bc.	bc.	61	37	-	-	3.1	2.5
	Skegness ...	c. b.	b	54	47	-	-	6.1	10.3		Leamington Spa ...	a. c. b.	c. bz.	62	40	-	-	2.8	0.5
									Malvern ...		c. bc.	bc.	64	45	-	-	3.0	0.2	
									Ross-on-Wye ...		c	bc.	68	39	-	-	10.0		
England, E.	Felixstowe ...	o	a. bc.	56	42	-	-	0.7	9.2	Wales.	Rhyl ...	bc.	bc.	60	39	-	-	10.8	8.0
	Walton-on-Naze ...	-	-	-	-	-	-	-	-		Colwyn Bay ...	-	-	60	46	-	-	9.5	6.8
	Southend-on-Sea ...	bc. c. oz.	c. oz.	60	43	-	-	4.7	3.8		Llandudno ...	c.	b	58	44	-	-	9.0	9.7
									Aberystwyth ...		c. b. b.	b. bc.	59	53	*	*	11.5	9.5	
England, S.E.	Brighton ...	-	-	64	44	-	-	7.1	2.2	England, S.W.	Bude ...	b	b	62	45	-	-	10.1	12.9
	Margate ...	o	c	54	?	-	-	0.3	7.7		Teignmouth ...	b.	b	66	53	-	-	10.5	9.6
	Ramsgate ...	o	o	54	46	-	-	0.9	8.2		Weymouth ...	b.	bc. c.	64	48	-	-	10.0	6.5
	Hastings ...	a. bc.	bc. b.	58	53	-	-	5.0	2.1		Torquay ...	b.	b. bc. b.	67	53	-	-	10.2	8.4
	Eastbourne ...	bc.	bc.	62	43	-	-	4.8	4.7		Penzance ...	b.	b.	63	51	-	-	11.4	10.3
	Worthing ...	c.	bc.	60	42	-	-	5.6	3.8		Newquay ...	b	b	57	50	-	-	10.7	8.8
	Littlehampton ...	bc.	bc.	51	43	-	-	7.0	6.5		Weston-s-Mare ...	b.	bc. c.	64	45	-	-	10.5	4.5
	Bournemouth ...	-	-	66	44	-	-	11.0	7.0										

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.	THE BEAUFORT SCALE WIND FORCE.			
	WEATHER.					Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.			Sun. Hours.	No.	Limits of Velocity.	
	7h-13h.	13h-18h.	18h-24h.	24h-7h.	Day. 7h-18h.				Night. 18h-7h.	Statute miles per hour.				Metres per second.	
†Houton Bay (Orkney)...	o	o	o	ef. d.	51	41	*	*	*	*	b blue sky (not more than a quarter covered).	0	Less than 1	Less than 1	
Eskdalemuir ...	bc. c. y.	c. y. o. y.		op. oc.	64	45	49	-	3	6.1	bc sky partly cloudy (one half covered).	1	1-8	0.3-1.5	
†Stranraer ...	bc. c. y.	pl. o. h.	b. bc. y.	r. d.	64	39	*	*	*	*	c generally cloudy (three quarters covered).	2	4-7	1.6-3.0	
†Lough Foyle ...	o	o		d.	56	48	*	*	*	*	d drizzle, or fine rain.	3	8-12	3.4-5.4	
Valencia (Cahirciveen) ...	bc. b.	bc. by.	bc		63	55	50	-	-	13.2	e wet air without rain falling.	4	13-18	5.6-7.9	
†Anglesey (Llangeflwyd) ...	bc. c.	bc. c. o.	b. bc.	r	60	38	*	*	*	*	f fog.	5	19-24	10.0-10.7	
Falmouth ...	bc. c. y.	c. y. bc.	b.	h. o	64	51	47	-	-	*	g gloom.	6	25-31	13.9-17.1	
†Calshot (Hants) ...	c. o.	c. o.	o.	b. bc	69	48	*	*	*	*	h hail.	7	32-38	17.3-20.7	
†Capel (Folkestone) ...	c. v.	c. v.	c. o. v.	b. bc. v	53	39	*	*	*	*	i lightning.	8	39-46	20.8-24.4	
Aberdeen ...	o. c.	o. c. b.	bc. o. r		61	48	49	-	4	3.1	m mist.	9	47-54	24.5-26.1	
†East Fortune ...	b. bc.	bc. c. z.	b. bc.	r. z.	64	40	*	*	*	*	o overcast sky.	10	55-63	29.6-32.5	
†Howden ...	c. o. c.	q. bc. c.	bc. c.	om	60	39	*	*	*	*	p passing showers.	11	64-75	33.0 or above	
†Felixstowe ...	o. c.	bc. c. y.	b. bc. z.	bc. c.	54	41	*	*	*	*	q squalls.	12	Above 76	SS-0 or above	
†Cranwell (Lincs) ...	c. f.	bc. c.	c. o. c.	b. bc. c.	59	38	*	*	*	*	r rain.				
†Bedford ...	c. z.	c. o. y.	om		62	38	*	*	*	*	rs sleet, i. e., rain and snow together.				
Benson ...	o	b	co		62	35	29	-	-	*	s snow.				
London (Kew Obs.) ...	om. z.	c. bc. b.	b. bc. om		60	41	28	-	-	4.9	t thunder.				
											u ugly, threatening sky.				
											v unusual visibility.				
											w dew.				
											x hoar frost.				
											y dry air; humidity less than 60 per cent.				
											z dust haze; the turbid atmosphere of dry weather.				

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

**SYMBOLS—**

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

## BEAUFORT NOTATION.

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

## THE BEAUFORT SCALE OF WIND FORCE.

Limits of Velocity.		
No.	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.5
3	8-12	3.6-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.4
9	47-54	20.5-24.4
10	55-63	24.5-29.3
11	64-75	29.4-33.5
12	Above 76	33.6 or above

Suffices 0, 1 and 2 attached to Beaufort letters signify light, heavy, or very heavy. Underlining is used to express continuity.

## SYMBOLS.

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

LONDON OBSERVATIONS.										SOUTH KENSINGTON (Meteorological Office).			TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				
WEATHER.			Max. Temp.	Min. Temp.	Min. on Grass.	Rain- fall.	Sun- shine to Sunset.	Humidity %									
Morning.	Afternoon.	Night.	° F.	° F.	° F.	mm.	Hours.	15 h. G.M.T.	9 h. G.M.T.								
24 HOURS ENDED 9h G.M.T. 4 <sup>TH</sup> JUNE.										YESTERDAY.		TODAY.		4 <sup>TH</sup> AND 5 <sup>TH</sup> JUNE 1913.			
Greenwich (Royal Observatory)	o	b.	b. bc	61	37	-	5.5	55	71	Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Stations.		Sunrise.	Noon.	Sunset.	
City (Bunhill Row)	*	*	*	62	41	36	5.7	61	82			G.M.T.		G.M.T.	G.M.T.	G.M.T.	
Westminster (St. James's Park)	*	*	*	54	45	*	6.0	59	84			Yarmouth...		3.35	11.51	8.8	
Admiralty Arch	mo	bc. b	b. bm	63	42	39	5.6	60	73			Greenwich		3.34	11.51	8.8	
Camden Sq. (British Rainfall)	c. bc	bc	*	60	41	30	*	*	73	Total 14.13 Joules.		Wick		3.48	11.58	8.9	
Kensington Palace	b.	bc	*	*	*	*	*	*	*	Milliwatts.		Valencia		3.47	12.10	9.7	
Richmond Park	*	*	*	*	*	*	*	*	*	Average Rate. 24.1				3.14	12.10	9.8	
										Maximum Rate. 78.				3.13		12.39	8.52
														4.26		12.39	8.53
														4.25			

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature continued low very generally; in many parts of the Kingdom the maximum was below 60°, at some below 55°, and at very few stations above 65°. Bright sunshine was abundant at most places in the south-west and west, but elsewhere the amount was moderate or slight. At Stornoway, Mullin Head, and Great Yarmouth there was none, and at some other stations in the north and east less than an hour. Rain was experienced over a large area in the north and north-west, but no station reports more than 5 mm.



rsday,  
June 1919



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

No 21014 F ... WEDNESDAY ... 5<sup>TH</sup> JUNE 1919.

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

STATIONS.	BAROM.	↑	WIND.		WEATHER	TEMP.	HUMIDITY.	VISIBILITY.	Height of Low Cloud.	Low Cloud	Upper Cloud	Sea	BAROM.	↑	WIND.		WEATHER	TEMP.	HUMIDITY.	VISIBILITY.	Height of Low Cloud.	Low Cloud	Upper Cloud	Sea				
	at M.S.L.	Change in 3 hours.	Dir.	Force 0-12.		°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	0-10.	0-9.	at M.S.L.	Change in 3 hours.		Dir.	Force 0-12.	°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.
	m.b.													m.b.														
13H. G.M.T. 4 PM													18H. G.M.T. OF 2 PM															
Houton B. (Orkney)	1015.1	-2	W	6	bc	51	97	0	500	St.	10	-	?	1013.9	-1	WNW	7	bc	49	97	0	500	St.	10	-	-	?	
Esksdalemuir	1015.3	-1	NW	3	bc	50	75	7	500	St.	5	Agc	5	*	1016.9	-2	NW	6	bc	51	87	5	1500	Nb	3	Agc	2	*
Stranraer	1020.1	-1	NW	0	bc	59	82	8	500	St.	10	-	-	*	1020.3	-1	NNW	6	bc	54	97	5	500	Nb	10	-	-	*
Lough Foyle	1024.1	-2	WSW	5	bc	53	97	0	-	-	-	-	2	1024.0	0	W	5	bc	54	97	0	-	-	-	-	-	2	
Valencia (Cahire'n)	1028.0	-1	WNW	1	bc	62	87	3	2000	Cu	-	Agc	3	2	1028.8	-1	WNW	2	-	59	87	8	500	Cu	5	Agc	2	2
Anglesey (Llangefni)	1022.0	-3	NW	5	bc	62	92	4	500	St.	10	-	-	2	1021.4	-2	WSW	1	0	63	87	6	500	St.	10	-	-	3
Falmouth	1020.4	-2	NW	3	bc	62	87	3	-	St.	10	-	-	*	1022.7	-1	NW	4	bc	63	87	4	-	St. cu	7	Agc	2	*
Calshot (Hants)	1021.3	-1	SW	2	0	61	97	5	1500	Nb	10	-	-	3	1018.6	-3	W	2	bc	65	92	5	2000	St.	10	-	-	2
Capel (Folkestone)	1019.7	-3	WNW	4	bc	59	82	5	1000	St.	10	-	-	4	1017.4	-3	W	2	bc	58	97	4	-	Nb	9	-	-	2
Aberdeen	1016.3	-2	WNW	4	bc	63	82	7	-	Nb	10	-	-	2	1014.9	-1	NW	4	bc	63	65	8	-	Fr. cu	4	-	-	2
East Fortune	1017.3	-2	SW	3	0	67	75	5	2000	Nb	8	Agc	2	*	1014.7	-3	WSW	5	bc	66	75	7	2000	St. cu	3	Agc	2	*
Howden	1017.9	-2	N	3	bc	62	92	3	1500	St. cu	10	-	-	*	1017.0	-1	-	0	0	62	97	5	1500	St. cu	10	-	-	*
Feilxstowe	1018.8	-3	WSW	3	0	60	82	5	1500	St.	10	-	-	3	1016.9	-2	W	2	bc	60	92	4	2000	St.	10	-	-	4
Cranwell (Lincs)	1017.9	-2	WSW	2	bc	59	97	2	2000	St. cu	6	-	-	*	1016.3	0	WNW	5	bc	62	92	4	1500	St.	7	-	-	*
Bedford	1019.2	-4	W	2	bc	59	92	?	1500	St.	10	-	-	*	1017.8	-1	NNW	4	bc	63	87	0	1500	St.	10	-	-	*
Benson	1019.4	-4	W	3	bc	59	97	2	-	-	-	-	-	*	1018.2	-2	NW	2	bc	64	87	3	-	-	-	-	-	*
London (Kew Obs.)	1019.8	-5	W	1	bc	59	97	5	-	St. cu	8	Agc	2	*	1017.7	-2	W	2	bc	62	87	5	-	St. cu	8	Agc	2	*
1H. G.M.T. OF 5 PM													7H. G.M.T. OF 5 PM															
Houton B. (Orkney)	1014.5	0	NW	6	bc	48	97	0	500	St.	10	-	-	?	1014.5	0	WNW	6	bc	50	98	0	500	St.	10	-	-	-
Esksdalemuir	1017.0	-1	WNW	5	0	53	87	6	-	Cu	1	Cu	-	*	1017.3	+1	N	3	0	56	75	7	-	St.	6	Agc	4	*
Stranraer	1020.0	0	NNW	4	bc	53	97	3	500	St.	10	-	-	*	1019.2	0	NNW	2	0	54	98	7	500	St.	10	-	-	*
Lough Foyle	1025.7	-1	NNW	3	bc	54	*	*	*	*	*	*	*	*	1021.8	-1	WSW	4	bc	53	98	0	500	Nb	10	-	-	*
Anglesey (Llangefni)	1021.3	0	NNW	4	0	57	92	0	500	St.	10	-	-	4	1020.9	0	W	1	0	57	92	5	500	St.	10	-	-	3
Falmouth	1022.6	-1	NW	5	bc	58	92	5	-	Cu	4	-	-	*	1021.9	0	NW	3	bc	58	98	5	-	St.	10	-	-	*
Calshot (Hants)	1014.0	0	NW	2	0	52	97	6	500	Nb	10	-	-	3	1018.8	0	NW	3	0	63	92	6	2000	Nb	10	-	-	4
Capel (Folkestone)	1016.3	-1	NW	4	bc	58	97	4	-	St.	7	-	-	5	1016.2	0	NNW	5	0	58	92	5	500	St. cu	10	-	-	3
Aberdeen	1014.9	0	NW	3	bc	53	92	5	1500	Nb	10	-	-	*	1015.1	0	WNW	5	0	58	75	8	500	St.	6	Agc	4	2
East Fortune	1016.3	+2	W	3	0	56	87	1	4000	St. cu	8	-	-	*	1016.1	+1	WSW	4	bc	57	82	5	4000	St. cu	7	-	-	*
Howden	1015.9	+1	W	3	0	58	97	5	4000	St. cu	10	-	-	*	1016.1	0	NW	3	0	61	75	5	3000	St. cu	2	Agc	5	*
Feilxstowe	1015.9	-1	WNW	4	bc	58	92	6	1500	St.	4	-	-	*	1016.8	+2	NW	3	0	60	92	5	1500	Fr. cu	9	-	-	2
Cranwell (Lincs)	1015.9	-1	WNW	4	bc	58	92	6	1500	St.	4	-	-	*	1016.6	+2	NNW	3	bc	59	82	5	2000	St.	3	Agc	4	*
Bedford	1017.1	-1	WNW	2	bc	62	*	*	*	*	*	*	*	*	1017.1	+1	NNW	3	bc	60	82	2	2000	St.	4	Agc	4	*
Benson	1017.1	-1	WNW	2	bc	62	*	*	*	*	*	*	*	*	1017.2	+1	NNW	4	0	60	82	5	-	Cu	7	Agc	3	*
London (Kew Obs.)	1017.1	-1	WNW	2	bc	62	*	*	*	*	*	*	*	*	1017.2	+2	NNW	3	bc	62	75	5	-	St. cu	2	Cu	6	*

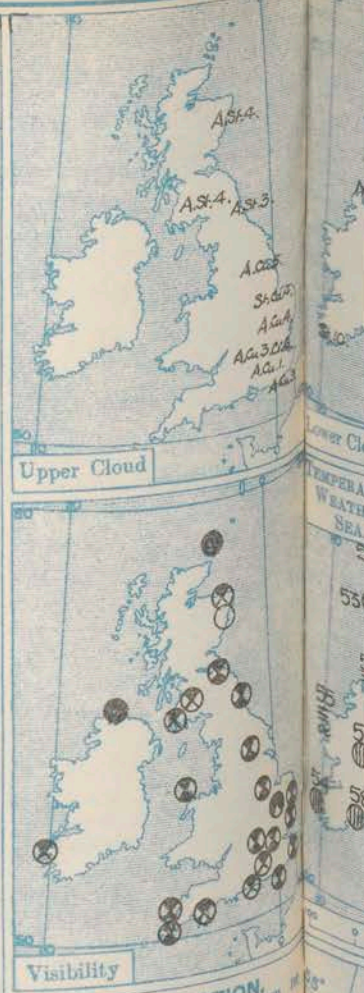
STATIONS CONTRIBUTING REPORTS AT 7h AND 19h.

STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea.	Rainfall.	TEMP.		WEATHER.			Sunshine Hours.
	at M.S.L.					at M.S.L.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	
	m.b.	°F.	Direc.	Force 0-12.		m.b.															
	1st. G.M.T. of 4 <sup>PM</sup>					7th. G.M.T. of 5 <sup>PM</sup>					24 HOURS ENDED 7th. 5 <sup>PM</sup>										
Lerwick	1012.3	55	W	3	om	1012.4	+2	50	-2	NW	3	-	om	2	-	57	49	om	om	f.	*
Stornoway	1017.8	54	W	4	bc	1017.2	0	54	0	SW	1	-	0	1	4	59	52	odp	odp	op	0.1
Castlebay (Barra)	1020.7	53	NW	4	bc	1018.5	-1	53	0	W	2	-	fd	2	1	57	51	ofe.	ofe.	fd. of	0.2
Glasgow	1017.8	59	W	4	bc	1017.9	0	54	-2	W	2	NW	c	*	2	63	52	c. of	c. of	bc. of	4.2
Malin Head	1021.8	54	W	3	bc	1018.9	-1	55	0	W	3	-	fe	3	1	57	50	fe	fe	fe.	0.0
Blackod Point	1022.4	55	W	2	ofe	1021.4	-2	55	0	SSW	2	-	ofe	3	1	58	50	ofe	ofe	ofe.	*
Roche's Point	1025.2	67	NNW	2	0	1024.0	0	58	-2	NNW	2	-	0	1	0.1	70	56	ofe.	ofe.	c. of	*
Birr Castle	1024.3	63	W	2	c	1022.5	*	59	-2	NW	1	-	0	*	1	70	55	cpc	c	o.	1.3
Donaghadee	1020.3	60	N	1	bc	1019.7	0	56	+1	NW	3	-	og	2	0.2	65	54	og.	og.	og.	*
Liverpool (Bidston)	1019.9	55	W	3	0	1019.1	0	55	+2	WNW	4	-	0	3	1	59	48	ed. of	ogp	op.	0.4
Holyhead	1020.9	61	WNW	4	c	1020.5	0	55	0	NNW	3	-	cf	2	0.2	64	54	o.c. bc.	og	f. of	0.5
Pembroke (St. Ann's)	1023.0	59	WNW	2	0	1021.7	+1	58	+4	N	2	-	0	2	2	61	53	ofe.	bc.	c. of	3.3
Scilly (St. Mary's)	1024.8	60	NNW	4	c	1023.5	-1	56	+1	NW	3	-	bc	3	-	63	53	bc.	bc.	bc.	3.5
Jersey (St. Aubin)	1021.4	56	WNW	3	0	1019.8	0	60	+6	W	3	-	c	3	-	63	54	bc.	o.	ocfc	3.5
Portland Bill	1019.5	59	W	3	c	1019.1	0	58	+2	NW	3	-	0	2	-	61	54	f. of	bc.	bc.	*
Dungeness	1017.3	55	WSW	3	c	1015.3	-1	60	+4	N	4	-	bc	3	1	60	51	bc.	bc.	ed. of	*
Wick	1014.4	53	WNW	4	bc	1014.5	0	53	-1	WNW	4	NW	c	2	2	60	51	o. of	ogp	o. of	1.3
Nairn	1015.8	62	W	3	bc	1016.1	*	56	-2	W	3	-	c	2	1	68	53	bc.	bc.	bc.	*
Leith	1015.0	67	NW	3	bc	1016.4	0	57	-1	NW	3	-	c	2	1	70	54	bc.	bc.	bc.	*
Tynemouth	1015.3	58	WNW	4	bc	1015.3	+1	58	+2	WNW	3	-	0	3	1	68	53	bc.	bc.	bc.	*
Spurn Head	1017.4	58	-	0	0	1015.8	+1	57	+7	WNW	3	-	om	3	1	59	48	f.	f.	om	0.0
Yarmouth (Dorset)	1017.0	60	-	0	0	1015.3	+1	56	+10	ENE	3	-	om	2	5	61	45	bc.	bc.	odf. om	0.0
Clacton-on-Sea	1016.7	60	W	3	m	1016.6	+2	60	+10	NNW	4	-	c2	2	1	63	49	c2. of	ognd	ognd	1.4
Nottingham	1017.7	64	WNW	3	om	1017.0	*	60	+6	WNW	3	-	om	*	3	67	54	om.	om.	om.	0.0



# SUMMARY OF CONDITIONS AT 7 A.M. Thursday, 5th June, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NW-N. 10-20	Warm	Cloudy or overcast.	Ord.	Slight
2. E. England	NW-NNW. 10-15	Rather warm	Cloudy or overcast, local haze	"	Smooth
3. E. Midlands	NNW. 10	Warm	Cloudy	Var.	"
4. W. Midlands	NNW. 15	"	Overcast	Ord.	"
5. S.W. England	NW. 5-10	Moderate	Variable cloud, local mist	Var.	Smooth
6. South Wales	N. 5	Rather warm	Overcast.	"	"
7. North Wales	W-NW. 2-10	Moderate	Cloudy to overcast, fog at Holyhead.	Var.	"
8. N.W. England	WNW. 15	"	Overcast.	"	Slight
9. N. Midlands	W. 10	Warm	Cloudy, local mist.	Var.	"
10. N.E. England	W-NW. 10	Rather warm	Overcast, misty.	"	Slight
11. E. Scotland	W-NW. 10-15	Moderate	Cloudy or overcast.	V. good	"
12. S.W. Scotland	N-W. 5-10	"	"	"	"
13. Isle of Man	N-W. 5-10	"	"	"	"
14. N. & N.W. Scotland	W. 15	"	Cloudy, mist & squalls	"	"
15. Hebrides	SW-W. 2-5	"	Overcast, drizzle, fog at Castlebay.	Var.	Smooth
16. Orkneys and Shetlands	W-NW. 10-28	"	Overcast, rain and fog in Orkneys.	V. bad	"
17. N.W. Ireland	S. 5	"	Overcast, fog	"	"
18. N.E. Ireland	W-NW. 10-15	"	Overcast, fog & drizzle in north.	Var.	"
19. S.E. Ireland	NW. 2	Warm	Overcast	"	"
20. S.W. Ireland	W-NNW. 5	Moderate	Overcast.	V. good	Smooth



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

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

The barometrical changes are very slight and no important alteration in the weather conditions is probable at present, but it appears that depressions from the Atlantic will pass eastward or north-eastward over the British Isles or their immediate vicinity in the near future, causing further falls of rain.

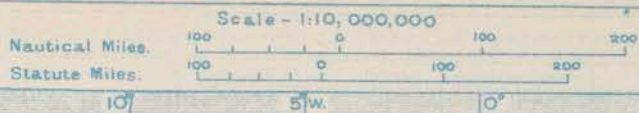
## Districts. Forecasts for the 24 hours commencing 3 p.m. Thursday, 5th June 1919

1. S.E. England	
2. E. England	
3. E. Midlands	
4. W. Midlands	Wind between NW. and W. light or moderate.
5. S.W. England	
6. South Wales	Moderate cloud, some mist and slight showers locally.
7. North Wales	
8. N.W. England	Warm. Humid air.
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Wind NW. backing W. or SW. light or moderate.
13. Isle of Man	
14. N. & N.W. Scotland	Dull generally, some rain and mist.
15. Hebrides	Rather warm.
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind between W. and S. light or moderate. Cloudy or
18. N.E. Ireland	dull, some rain. Coastal mist or fog.
19. S.E. Ireland	
20. S.W. Ireland	Moderate temperature.

**Further Outlook.**  
 A depression indicated by wireless reports on the Atlantic due west of the British Isles will probably move slowly east or north-east. A pressure distribution favourable for winds from between W. and SW. is, therefore, likely after 36 or 48 hours.



# SYNOPTIC CHART FOR MORNING OF Thursday, 5<sup>th</sup> June, 1919.



are drawn by...  
shown by...  
Force, on the...  
by the number...  
is shown in...  
small circles...  
in degrees F.

sky 1 clouded...  
sky 1 clouded...  
rain falling...  
fog...  
thunderstorm.

High...  
 outlook.

mission...  
by reports...  
Atlantic...  
of the...  
sles will...  
move...  
st or...  
A...  
dis-...  
favour...  
winds...  
W...  
likely...  
48

Scale of Surface Visibility.

Symbol	Description	Distance	Equivalent
0	Very Bad	Objects not visible beyond 200 metres	
1	Bad	"	
2	Very Poor	"	
3	Poor	"	
4	Indist.	"	
5	Fair	1,000 "	(0.6 miles)
6	Good	2,000 "	(1.2 miles)
7	Vy. gd., unusual	4,000 "	(2.5 " )
8	Excep. good	7,000 "	(4.3 " )
9	Objects visible beyond 30,000 metres	12,000 "	(7.5 " )
10	Objects visible beyond 30,000 metres	20,000 "	(12.4 " )
		30,000 "	(18.6 " )



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 156. B

THURSDAY  
5th JUNE.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 4th 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 Sunset.		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-19h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
Scotland, Banff ... .. Montrose ... .. St. Andrews ... .. Oban ... ..	or	o	62	54	4	2	0.7	0.9	England, N.W. Southport ... .. Blackpool ... .. Douglas (I. of Man) ... ..	o.c. bc.	b. bc. o.	60	53	4	-	0.7	7.3
England, N.E. Harrogate ... .. Skegness ... ..	o.c. o.	o	62	42	4	-	0.1	9.4	Midlands, Buxton ... .. Leamington Spa ... .. Malvern ... .. Ross-on-Wye ... ..	o.	o.	63	43	6	7	0.0	2.8
England, E. Felixstowe ... .. Walton-on-Naze ... .. Southend-on-Sea ... ..	b.c.	c. sm.	63	40	-	-	3.3	1.0	Wales, Rhyl ... .. Colwyn Bay ... .. Llandudno ... .. Aberystwyth ... ..	h. o.	h. o.	62	53	8	0.2	0.0	10.9
England, S.E. Brighton ... .. Margate ... .. Ramsgate ... .. Hastings ... .. Eastbourne ... .. Worthing ... .. Littlehampton ... .. Bournemouth ... ..	o.c. o.	o.pd.	61	43	-	1	2.6	6.0	England, S.W. Bude ... .. Teignmouth ... .. Weymouth ... .. Torquay ... .. Penzance ... .. Newquay ... .. Weston-s-Mare ... ..	b.c. or	o	59	50	-	1	0.0	12.0

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE.			
	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours.		No.	Limits of Velocity.		
	7h-18h. <sup>TH</sup>	18h-18h. <sup>TH</sup>	18h. <sup>TH</sup> -1h. <sup>TH</sup>	1h-7h. <sup>TH</sup>				Day. 7h-18h	Night. 18h-7h				Statute miles per hour.	Metres per second.	
†Houton Bay (Orkney)...	2fz R.	2fz R.	ef. r	efd	54	48	*	*	*	*	b	blue sky (not more than a quarter covered).	0	Less than 1	Less than 0.3
Eskdalemuir ... ..	ca. o. h. o.	ca. o. h. c.	omg	o.	68	52	50	-	-	2.6	bc	sky partly cloudy (one half covered).	1	1-3	0.3-1.5
†Stranraer ... ..	q. h. i	q. d. o.	pd. q	oq	59	52	*	*	*	*	c	generally cloudy (three quarters covered).	2	4-7	1.6-3.3
†Lough Foyle ... ..	d.	d.	d.	d	56	53	*	*	*	*	d	drizzle, or fine rain.	3	8-12	3.4-6.4
Valencia (Cahirviceen) ...	c. o. c.	bc. c. bc. c.	bc. o	bc. o	63	54	54	-	-	4.6	e	wet air without rain falling.	4	13-18	6.7-7.9
†Anglesey (Llangefni) ...	o. r.	ofz R.	ug	o	66	50	*	*	*	*	f	fog, g gloom.	5	19-24	10.8-13.8
Falmouth ... ..	o. om. 2	om. om. 2	bc. q	bc. o. 2	64	55	52	-	-	0.0	h	hail, l lightning.	6	25-31	13.9-17.1
†Calshot (Hants) ... ..	o. h. o.	h. h. o.	op	o	66	48	*	*	*	*	o	overcast sky.	7	32-38	17.2-20.7
†Capel (Folkestone) ... ..	c. o. 2.	d. ofz	amp. d.	op. d.	61	39	*	*	*	*	p	passing showers.	8	39-46	20.8-24.4
Aberdeen ... ..	c. o. r.	om. c. bc.	bc. o	bc. o	68	56	51	1	-	2.3	q	squalls.	9	47-54	24.5-28.4
†East Fortune ... ..	c. o.	b. bc.	b. bc.	b. bc.	69	45	*	*	*	*	r	rain.	10	55-63	28.6-33.7
†Howden ... ..	R. om. 2	R. o.	b. bc.	b. bc. r	66	39	*	*	*	*	rs	sleet, i. e., rain and snow together.	11	64-75	33.8-39.0
†Felixstowe ... ..	fz. q	ofz. h. d. o.	c. om.	c. om.	63	42	*	*	*	*	s	snow.	12	Above 75	39.1 or above
†Cranwell (Lincs) ... ..	R. d.	om. h. d. o.	b. bc. c. o.	c. o.	63	55	*	*	*	*	t	thunder.			
†Bedford ... ..	f. r.	d. om. 2	omg	omg	64	38	*	*	*	*	u	ugly, threatening sky.			
Benson ... ..	o. r. u.	o. r. u.	c. o	c. o	64	50	52	1	-	*	v	unusual visibility.			
London (Kew Obs.) ... ..	z. c. o. r.	o. r. om.	o. om. c.	o. om. c.	63	49	53	1	Trace	0.3	w	dew.			
											x	hoar frost.			
											y	dry air; humidity less than 60 per cent.			
											z	dust haze; the turbid atmosphere of dry weather.			

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

**SYMBOLS**—

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

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY % 15 h. 9 h. G.M.T. G.M.T.		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning	Afternoon	Night							1919.					
	24 HOURS ENDED 9H G.M.T. 5th June.							YESTERDAY.	TO-DAY.						
Greenwich (Royal Observatory)	or	odm	o	63	56	55	2	1.5	93	78	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise.	Noon.	Sunset.
City (Bunhill Row)	*	*	*	*	*	*	*	0.1	*	*		G.M.T.	G.M.T.	G.M.T.	
Westminster (St. James's Park)	*	*	*	64	56	50	1	0.4	99	80	Total 570..... Joules. Milliwatts.	Yarmouth...	3.34	11.51	8.8
" (Admiralty Arch)	om.oro	om	o.b.c.g.om	64	56	*	1	0.0	97	77		Greenwich	3.34	11.51	8.9
Camden Sq. (British Rainfall)	c.or	c	*	66	56	55	2	0.3	93	70	Average Rate. 9.7 Maximum Rate. 38.	Wick	3.47	11.58	8.9
Kensington Palace	or	o	*	64	54	55	2	*	*	83		Valencia	3.13	12.10	9.4
Richmond Park	*	*	*	*	*	*	*	*	*	*			4.25	12.39	8.54

## NOTES ON THE WEATHER OF YESTERDAY.

Rain fell in nearly all places, but the measurements were slight, the largest being 5 mm. at Great Yarmouth, where there was a thunderstorm. Little bright sunshine was experienced. At some stations there was none, and at many others less than an hour. No station reported as much as 5 hours. Temperature rose to 73° at Ross-on-Wye, to 71° at

St. Andrews and to above 65° over a very wide area. At some places on the western and north-western coasts the maximum was below 60°. The minima of the night were much higher than of late.

† Air Ministry Station.

\* Information for these columns not usually received.



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

No. 21015 B FRIDAY, 6TH JUNE, 1919.

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

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																																												
STATIONS.	BAROM.	↑	WIND.		WEATHER.	TEMP.	↓	VISIBILITY.	HEIGHT OF LOW CLOUD.	LOW CLOUD.		UPPER CLOUD.		SEA.	BAROM.	↑	WIND.		WEATHER.	TEMP.	↓	VISIBILITY.	HEIGHT OF LOW CLOUD.	LOW CLOUD.		UPPER CLOUD.		SEA.																
	at M.S.L.	Change in 3 hours.	Dir.	Force 0-12.		°F.	% Humidity.			0-10.	Feet.	Form.	Amt. 0-10.		Form.	Amt. 0-10.	0-9.	at M.S.L.		Change in 3 hours.	Dir.			Force 0-12.	°F.	% Humidity.	0-10.		Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.										
	m.b.																	m.b.																										
13H. G.M.T. 5TH															18H. G.M.T. OF 5TH																													
Horton B. (Orkney)	1015.0	0	WNW	6	oe f2	50	97	0	4500	St	10	-	-	7	1014.4	-1	WSW	5	rf2	52	97	0	4500	St	10	-	-	7																
Eskdalemuir	1016.7	0	W	2	C	67	65	6	-	Cu	1	A-st	7	*	1017.3	0	WNW	4	0	59	75	6	-	St-cu	7	A-st	3	*																
Stranraer	1019.3	+1	NNW	4	og	59	87	8	4500	St	10	-	-	*	1019.5	-1	NNW	1	0	57	82	8	1/2-1000	St	10	-	-	*																
Lough Foyle	1021.1	-2	SW	5	d2	55	97	0	4500	Nb	10	-	-	2	1020.5	0	W	5	0	55	97	6	1 1/2-2000	St-cu	8	-	-	2																
Valencia (Cahire'n)	1024.0	0	W	1	0	59	87	7	1 1/2-2000	St	10	-	-	2	1023.0	0	W	3	0	57	87	7	1-1500	St	10	-	-	2																
Anglesey (Llangefnol)	1020.5	-1	W	3	0	60	87	7	1/2-1000	St	10	-	-	3	1020.4	0	SW	2	0	60	87	7	1/2-1000	St	10	-	-	3																
Falmouth	1022.1	0	NW	5	C	65	75	6	-	Cu	8	-	-	*	1022.4	0	NW	4	om	59	87	5	-	St	10	-	-	*																
Calshot (Hants)	1018.2	-1	NW	2	0	71	75	8	7-9000	Cu	9	A-st	1	3	1018.6	0	NW	2	0	73	75	8	3-4000	St-cu	8	-	-	3																
Capel (Folkestone)	1017.2	+1	NNW	3	om	63	75	5	2-3000	St	10	-	-	4	1018.3	+2	E	1	C	59	82	4	4-5000	Fr-cu	7	-	-	1																
Aberdeen	1015.4	-1	NW	3	cy	66	55	8	-	Cu	5	Ci-cu	3	2	1016.2	+2	SSE	2	0	65	92	6	-	Nb	10	-	-	2																
East Fortune	1015.7	0	WSW	3	bc	78	55	7	5-7000	St-cu	5	Ci	1	*	1017.2	+1	WSW	4	0	60	92	5	2-3000	Nb	10	-	-	*																
Howden	1016.6	0	NNW	3	0	69	65	5	3-4000	St-cu	5	A-cu	4	*	1017.3	+1	E	1	0	65	75	5	4-5000	St	6	A-st	3	*																
Felixstowe	1017.3	+2	NNW	3	0	65	75	5	3-4000	Cu	4	A-cu	6	*	1018.4	+1	SE	2	0	57	87	6	3-4000	Fr-cu	9	-	-	2																
Cranwell (Lines)	1016.6	-1	NW	3	C2	67	65	?	1 1/2-2000	St	6	A-st	2	*	1017.3	0	SE	2	C	63	75	5	2-3000	Ma-cu	3	A-cu	2	*																
Bedford	1017.5	+1	NNW	3	om	67	65	?	2-3000	St	5	A-st	4	*	1017.5	0	NNW	3	b2	69	65	?	2-3000	Fr-cu	1	Ci-cu	2	*																
Benson	1017.4	-1	NW	3	C	70	65	5	-	-	-	-	-	*	1016.8	0	NNW	3	b	73	55	7	-	-	-	-	-	*																
London (Kew Ob.)	1017.9	0	NNW	2	0	67	55	6	-	St-cu	6	A-st	4	*	1017.5	0	NNW	2	b	73	55	7	-	-	-	-	-	*																
1H. G.M.T. OF 6TH															7H. G.M.T. OF 6TH																													
Horton B. (Orkney)	1012.8	-1	W	7	rf	52	97	4	1/2-1000	St	10	-	-	?	1013.6	+1	W	7	0	52	95	8	1 1/2-2000	St	10	-	-	4																
Eskdalemuir	1018.3	0	W	5	a	55	87	6	1 1/2-2000	Cu-Nb	8	A-st	1	*	1019.0	+1	SW	2	0	56	92	5	1 1/2-2000	St	10	-	-	4																
Stranraer	1019.6	0	-	0	0	55	92	?	4500	St	10	-	-	*	1019.2	+1	-	0	0	56	92	7	1-1500	St	10	-	-	*																
Lough Foyle	1022.3	0	-	0	0	56	92	?	4500	St	10	-	-	*	1019.0	0	SW	5	0	54	98	7	2-3000	St-cu	10	-	-	*																
Valencia (Cahire'n)	1022.3	0	-	0	0	56	92	?	4500	St	10	-	-	*	1021.2	0	S	2	bc	57	87	7	1 1/2-2000	Cu	7	-	-	2																
Anglesey (Llangefnol)	1021.2	0	SSW	1	0	56	92	?	1-1500	St	10	-	-	3	1021.1	+1	SW	1	0	57	92	7	1-1500	St	10	-	-	3																
Falmouth	1023.0	0	NW	4	0	55	92	5	-	St	1	-	-	*	1023.8	+2	NW	1	om	55	98	3	-	St	10	-	-	*																
Calshot (Hants)	1020.7	+2	NW	6	bc	71	97	6	4-5000	St-cu	4	-	-	3	1022.4	+2	NW	1	b	60	92	4	-	-	A-st	3	2																	
Capel (Folkestone)	1019.9	+1	WSW	1	b	56	92	6	-	-	-	-	-	1	1021.3	+2	NNW	2	bc2	61	82	4	-	St-cu	2	A-cu	2	2																
Aberdeen	1014.2	-2	SE	1	rf	52	97	4	1/2-1000	Nb	10	-	-	*	1015.5	+1	-	0	em	61	82	6	-	St-cu	4	A-st	4	2																
East Fortune	1017.0	-1	SSW	4	0	56	87	?	1 1/2-2000	Cu-Nb	9	-	-	*	1017.8	+1	SW	4	0	59	87	4	1/2-1000	Nb	10	-	-	*																
Howden	1018.4	+1	W	2	bc	56	97	?	3-4000	St	7	-	-	*	1019.6	+3	WSW	3	0	61	92	4	2-3000	Cu	4	A-st	5	*																
Felixstowe	1019.7	0	S	1	0	54	97	?	5-7000	St	9	-	-	2	1020.1	+0	NNW	1	C	60	87	3	5-7000	Fr-cu	3	Ci-st	3	2																
Cranwell (Lines)	1019.4	0	W	3	C	56	92	5	2-3000	St	7	-	-	*	1020.1	+2	W	3	0	61	82	5	2-3000	St	4	Ci-cu	3	*																
Bedford	1019.4	0	W	3	C	56	92	5	2-3000	St	7	-	-	*	1021.3	+3	W	1	bc2	60	82	-	2-3000	-	-	Ci-cu	3	*																
Benson	1019.4	0	W	3	C	56	92	5	2-3000	St	7	-	-	*	1021.3	+3	W	1	bc2	60	82	-	2-3000	-	-	Ci-cu	3	*																
London (Kew Ob.)	1019.9	0	NNW	1	b	61	92	?	-	-	-	-	-	*	1021.4	+4	-	0	C	60	87	4	-	-	-	-	-	*																
STATIONS CONTRIBUTING REPORTS AT 7H AND 19H.															STATIONS CONTRIBUTING REPORTS AT 7H AND 19H.																													
STATIONS.	BAROM.	TEMP.	WIND.		WEATHER.	BAROMETER.		TEMPERATURE.		WIND.		DIREC. OF UPPER CLOUD.	SEA.	RAINFALL.	TEMP.		WEATHER.			SUNSHINE.																								
	at M.S.L.	°F.	Dir.	Force 0-12.		at M.S.L.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.				Max. °F.	Min. °F.	Morning.	Afternoon.	Night.																									
	m.b.					m.b.																																						
19H. G.M.T. OF 5TH															7H. G.M.T. OF 6TH															24 HOURS ENDED 7H. 6TH														
Lerwick	1012.9	53	WNW	3	om	1011.9	0	52	+2	W	3	-	0	7	57	50	om	om	om	om	om																							
Stornoway	1014.5	55	WSW	1	or	1014.1	0	54	0	SSW	4	-	0	7	59	53	or	or	or	or	or																							
Castlebay (Barra's)	1017.0	54	SW	4	oe f	1016.1	0	54	+1	SW	4	-	0	1	55	52	dfoe	oe f	oe f	oe f	oe f																							
Glasgow	1018.3	57	W	3	og	1018.9	+1	55	+1	WSW	2	-	0	1	64	53	c.oe	oe f	oe f	oe f	oe f																							
Malin Head	1018.0	57	WSW	3	cm	1017.3	0	56	+1	SW	4	SW	3	-	59	52	om	cm	cm	cm	cm																							
Blacksod Point	1019.7	56	SW	4	oe f	1016.6	-2	55	0	S	4	-	0	4	60	50	oe f	oe f	oe f	oe f	oe f																							
Roche's Point	1022.4	62	SSW	2	b	1022.6	+1	56	-2	W	2	-	0	1	69	53	o.bc	bc.b	bc.b	bc.b	bc.b																							
Birr Castle	1021.7	60	W	2	0	1020.6	0	57	-2	SW	1	W	1	-	63	54	0	0	0	0	0																							
Donaghadee	1019.4	54	-	0	ogm	1018.7	0	58	+2	SW	2	-	0	2	60	53	og	ogm	ogm	ogm	ogm																							
Liverpool (Bidston)	1019.8	58	WNW	3	0	1020.5	+1	58	+3	WNW	2	W	1	-	62	55	o.c.bc	bc.o	bc.o	bc.o	bc.o																							
Holyhead	1020.4	59	SW	3	og	1021.0	+1	57	-2	WSW	2	-	0	1	64	52	cf.c	cf.c	cf.c	cf.c	cf.c																							
Pembroke (St. Mary's Head)	1022.0	57	WNW	1	cv	1022.5	+1	54	-4	W	1	-	0	1	61	52	cv	cv	cv	cv	cv																							
Scilly (St. Mary's)	1023.9	57	NW	3	om	1024.2	0	56	0	NW	2	-	0	3	61	53	bc.b	bc.b	bc.b	bc.b	bc.b																							
Jersey (St. Aubin)	1021.0	59	W	3	b	1023.7	+1	55	-5	W	3	-	0	2	69	53	c.bc.b	bc.b	bc.b	bc.b	bc.b																							



# SUMMARY OF CONDITIONS AT 7 A.M. Friday, 6th June, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	W-N. 2-10	Rather "warm	Fine or fair, local haze	Indiff.	Smooth
2. E. England	W-N. 2-10	"	Fair to dull, local mist	"	"
3. E. Midlands	W. 0-5	Warm	Variable sky, local mist & haze	"	"
4. W. Midlands	W-NW. 2-5	"	Cloudy or dull, local mist	"	"
5. S.W. England	W-NW. 2-10	Moderate	Cloudy or dull, local mist, fog at Jersey.	Poor	Smooth
6. South Wales	W. 2	"	Dull, fog locally.	"	V. smooth
7. North Wales	W-SW. 2-5	Rather "warm	Dull, fog locally.	Var.	"
8. N.W. England	WSW-WNW. 5	"	Dull.	Ord.	Smooth
9. N. Midlands	W. 5	"	Dull.	"	"
10. N.E. England	W. 2-10	Warm	Dull, local mist.	Indiff.	Slight.
11. E. Scotland	SW-W. 0-15	"	Fair to dull, local mist.	Var.	Smooth
12. S.W. Scotland	SW. 0-5	Rather "warm	Dull, local showers.	"	"
13. Isle of Man	SW. 5	"	Dull, local mist.	"	"
14. N. & N.W. Scotland	SW. 2-10	Warm	Cloudy, local mist.	Indiff.	Mod.
15. Hebrides	SSW-SW. 15	Mod.	Dull, local showers and drizzle.	Ord.	Mod.
16. Orkneys and Shetlands	WSW-W. 10-30	Rather "warm	Dull, fog at Lerwick	Var.	"
17. N.W. Ireland	S-SW. 15	Mod.	Dull, local mist.	"	"
18. N.E. Ireland	SW. 5-15	Rather "warm	Dull, local mist.	"	Smooth
19. S.E. Ireland	SW-W. 2	"	Cloudy or dull.	Ord.	V. smooth
20. S.W. Ireland	S-W. 5	Moderate	Fair to dull.	V. good	Smooth



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

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

A depression on the Atlantic to the north-westward of the British Isles will probably move slowly eastward or north-eastward, and affect the weather conditions in the northern and western districts, but the south and east will continue under the influence of the anticyclone at present and the weather remain fair.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Friday, 6th June, 1919
1. S.E. England	Wind light between W. and SW. Fair generally.
2. E. England	Warm.
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Wind between W. and S. light to moderate. Fair or
7. North Wales	cloudy today. Becoming less fair tomorrow. Mod. temperature
8. N.W. England	
9. N. Midlands	Wind W. or SW. light. Fair or cloudy, dull at times.
10. N.E. England	Warm.
11. E. Scotland	
12. S.W. Scotland	Wind SW. or S. light or moderate. Variable sky,
13. Isle of Man	some local showers and mist. Rather warm.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Wind S. and SW. light or moderate to fresh. Cloudy or
18. N.E. Ireland	dull, some showers. Coastal fog or mist.
19. S.E. Ireland	
20. S.W. Ireland	Moderate temperature.

**Further Outlook.**  
 The anticyclone will probably move slowly eastwards towards central Europe, while the Atlantic depression en- croaches gradually over the west and north-west of the British Isles. The Southerly and South-Westerly winds already prevalent on our western seaboard may consequently be expected to extend to the whole Kingdom, with an accelerating tendency for unsettled weather.



# SYNOPTIC CHART FOR MORNING OF Friday, 6th June, 1919.

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



are drawn for  
shown by arrows  
Force, on the scale  
the number of  
is shown in units  
small circles  
in degrees F.

sky & clouded.  
D sky & clouded.  
rain falling.  
fog & mist  
thunderstorm.

High

outlook.

cyclone  
towards  
Europe,  
Atlantic  
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or  
weather.

Scale of Surface Visibility.

Very Bad	Bad	Objects not visible beyond	200 metres.
Very Poor	"	"	"
Poor	"	"	"
Indist.	"	"	"
Fair	"	"	"
Ordinary	"	"	"
Good, above ord.	"	"	"
Vy. Rd., unusual	"	"	"
Excep. good	"	"	"
Objects visible beyond	"	"	"

500 " (546 yards)  
1,000 " (0.6 mile)  
2,000 " (1.2 miles)  
4,000 " (2.5 "  
7,000 " (4.3 "  
12,000 " (7.5 "  
20,000 " (12.4 "  
30,000 " (18.6 "



WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 5<sup>th</sup> June.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 17h-9h.	Day, 9h-5h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 17h-9h.	Day, 9h-5h.	to 17h.	Sunrise to Sunset.
Scotland.									England, N.W.								
Banff ...	o.c.	bc. cr.	62	54	-	0.1	0.9	0.7	Southport ...	o.c.o.	o. bc. c.o.	61	53	0.2	-	1.8	0.7
Montrose ...	-	-	60	56	-	-	3.7	2.7	Blackpool ...	-	-	62	53	1	-	2.6	0.8
St. Andrews ...	-	-	72	55	-	-	4.2	3.9	Douglas (1. of Man) ...	-	-	64	53	1	-	1.8	0.0
Oban ...	-	-	56	50	-	-	0.0	0.1									
England, N.E.									Midlands.								
Harrogate ...	o. bc. b.	b. bc.	70	54	-	-	4.2	0.8	Buxton ...	bc.	bc.	60	50	1	-	3.3	0.0
Skegness ...	o. bc.	bc.	63	58	-	-	5.1	0.3	Leamington Spa ...	o. c. bc.	bc.	71	53	-	-	5.7	0.0
									Malvern ...	c.	bc.	73	59	-	-	7.0	3.0
									Ross-on-Wye ...	c. bc.	b. by.	78	57	-	-	5.4	1.4
England, E.									Wales.								
Felixstowe ...	bc. o.	bc. o.	68	56	-	-	0.5	3.3	Rhyl ...	bc.	bc. c.	62	54	1	-	9.0	0.2
Walton-on-Naze ...	-	-	-	-	-	-	-	-	Colwyn Bay ...	-	-	64	53	1	-	5.0	0.0
Southend-on-Sea ...	om	om	68	58	0.4	-	0.6	2.6	Llandudno ...	c.	cb.	63	53	1	-	5.7	0.0
									Aberystwyth ...	r. o. c.	c. c. o.	61	57	-	-	1.5	0.0
England, S.E.									England, S.W.								
Brighton ...	-	-	71	57	-	-	3.7	3.7	Bude ...	bc. o.	o	64	50	-	-	0.9	0.0
Margate ...	o	o	65	57	0.2	-	0.0	3.8	Teignmouth ...	c	b	72	58	-	-	4.0	4.2
Ramsgate ...	o	o	65	57	1	-	0.1	3.9	Weymouth ...	of. c.	b.	74	61	-	-	6.0	2.6
Hastings ...	ac	o. bc.	70	59	1	-	0.8	-	Torquay ...	o. c.	c. bc. b.	70	59	1	-	3.7	2.0
Eastbourne ...	o. bc.	c. o. bc. b.	71	57	-	-	2.1	4.6	Penzance ...	c. bc.	bc. c.	67	58	-	-	4.0	0.1
Worthing ...	o	bc.	72	58	-	-	3.2	4.2	Newquay ...	c	c	61	55	-	-	5.0	1.5
Littlehampton ...	o. bc. b.	o	75	55	-	-	4.3	1.3	Weston-s-Mare ...	of. bc.	bc.	65	54	-	-	-	-
Bournemouth ...	-	-	75	53	2	-	6.5	0.6									

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours.
	7h-13h.	13h-18h.	18h-5h.	5h-7h.				Day, 7h-18h.	Night, 18h-7h.	
†Houton Bay (Orkney) ...	efz. hd.	efz. r.	efz. r.	qfr.	54	47	*	*	*	*
Esksdalemuir ...	c.o.	bc. cg.	h. o.	o	68	54	54	-	9.1	5.2
†Stranraer ...	qfr.	q. a.	o	om	60	52	*	*	*	*
†Lough Foyle ...	d.	cg.	*	c	56	52	*	*	*	*
Valencia (Cahirciveen) ...	ofz.	o.	oc	oc	59	54	52	-	-	0.1
†Anglesey (Llangefni) ...	o	o	o	om	63	52	*	*	*	*
Falmouth ...	om, c.o.	c. o. om.	c. o.	oom	66	55	55	-	-	4.1
†Calshot (Hants) ...	c.	c. o.	c. o.	bcc	76	55	*	*	*	*
†Capel (Folkestone) ...	c. z.	c.	c. o.	bccz	66	53	*	*	*	*
Aberdeen ...	bc. c. co.	co. r.	omcm	omcm	69	54	52	0.4	2	2.2
†East Fortune ...	bc. c.	h. z.	h. z.	omp.	70	54	*	*	*	*
†Howden ...	b. bc. c.	c. o. z.	h. c.	omf.	71	40	*	*	*	*
†Felixstowe ...	c. o.	bc. c. z.	bcc. z.	bccz	67	53	*	*	*	*
†Cranwell (Lines) ...	c. o. c.	bc. c.	c. o.	omz	71	54	*	*	*	*
†Bedford ...	co. z.	z. z.	*	z.	71	52	*	*	*	*
Benson ...	o. c.	b.	*	*	76	49	42	-	-	*
London (Kew Obs.) ...	ca. sm.	o. h. bc.	bccm	bccm	74	54	43	-	-	4.9

## BEAUFORT NOTATION.

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

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	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	1.6-3.3
3	8-12	3.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

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

SYMBOLS—  
 Aurora ☄ Solar halo ☄  
 Rime ❄ Lunar halo ☄  
 Glazed frost ☄ Solar corona ☄  
 Glazed roads ☄ Lunar corona ☄

## LONDON OBSERVATIONS.

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %	
	Morning.	Afternoon.	Night.						15 h.	9 h.
									G.M.T.	G.M.T.
	24 HOURS ENDED 9H G.M.T. 5 <sup>th</sup> .....							YESTERDAY.	TO-DAY.	
Greenwich (Royal Observatory)	oc	bc	bc	74	55	45	-	4.9	52	65
City (Bankhill Row) ... ..	*	*	*	*	*	*	*	5.5	*	*
Westminster (St. James's Park)	*	*	*	74	55	43	-	4.8	65	75
" (Admiralty Arch)	omcm	bcbm	bcbm	75	57	*	-	5.0	63	73
Camden Sq. (British Rainfall)	*	*	*	76	55	51	-	5.0	63	65
Kensington Palace ... ..	*	*	*	74	53	45	-	*	*	64
Richmond Park .. ...	*	*	*	*	*	*	*	*	*	*

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.  
 Total ... 14.4 ... Joules.  
 Average Rate 24.5  
 Maximum R.F. 78

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

Stations.	1919.		
	G.M.T.	Noon.	Sunset.
Yarmouth ...	3.34	11.51	8.9
Greenwich ...	3.33	11.51	8.9
Wick ...	3.12	12.40	9.9
Valencia ...	4.24	12.39	8.55

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to about 70° over a large area in Great Britain, and touched 75° at Bournemouth and 78° at Ross-on-Wye. Rain fell in many parts of Scotland, the largest measurement being 10 mm. at Wick. The sunshine records were moderate or small over the Kingdom generally. In some parts of

Ireland and Scotland there was none and in various parts of England less than an hour. The highest values were in North Wales and the Channel Isles.



day,  
ane 1919



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

No 21016B ..... SATURDAY 7<sup>th</sup> JUNE 1919.

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

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																												
STATIONS.	Barom. at M.S.L.	Change in 3 hours	WIND.		Weather	TEMP.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud		Upper Cloud		Sea	Barom. at M.S.L.	Change in 3 hours	WIND.		Weather	TEMP.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud		Upper Cloud		Sea
	m.b.	Direct	Force 0-12.	°F.		Form.				Am't 0-10.	Form.	Am't 0-10.	m.b.		Direct	Force 0-12.	°F.	Form.		Am't 0-10.				Form.	Am't 0-10.	0-9.		
13H. G.M.T. 6 <sup>TH</sup>															19H. G.M.T. OF 6 <sup>TH</sup>													
Houton B. (Orkney)	1014.1	+1	SW	5	fog	59	82	7	3-4000	St-cu	6	A-st	4	3	1014.3	+1	ESE	2	c	58	82	7	3-4000	St-cu	1	A-cu	6	2
Esksdalemuir	1014.2	0	SSW	4	0	60	82	5	12-2000	St	10	-	-	*	1014.0	0	S	4	om	56	87	6	12-2000	St	10	-	-	*
Stranraer	1019.1	+1	SSW	2	0	62	75	6	1-1500	St-cu	9	-	-	*	1018.9	-1	SSE	2	c	58	87	7	2-3000	St	3	ci-st	4	*
Lough Foyle	1018.7	-2	SSW	4	0	61	82	6	2-3000	cu	7	ci	2	2	1018.0	-2	SW	4	0	63	75	6	3-4000	St-cu	9	-	-	2
Valencia (Cabrera)	1020.2	0	S	5	c	63	75	7	2-3000	cu	3	ci-cu	5	4	1018.5	-2	S	4	c	61	82	7	2-3000	cu	4	ci-cu	3	4
Anglesey (Llangefni)	1020.8	-1	SSW	4	0	62	82	7	12-2000	St	10	-	-	3	1020.5	-1	S	5	0	59	82	8	-	-	-	ci	9	4
Falmouth	1024.1	+1	SSE	3	62	64	75	5	-	-	ci	8	*	1022.7	-2	NNW	1	bf	67	65	3	-	-	-	-	-	-	*
Calshot (Hants)	1022.2	0	SW	2	0	74	75	7	3-4000	St-cu	7	-	-	3	1022.0	0	SW	4	c	62	92	4	5-7000	cu	5	A-cu	3	4
Capel (Folkestone)	1022.2	+1	SW	3	om	61	82	3	1-1500	St	10	-	-	3	1021.4	0	-	0	22	67	75	4	5-7000	cu	3	A-st	1	3
Aberdeen	1015.9	0	ESE	2	c	59	75	8	-	-	-	A-cu	8	1	1015.3	-1	E	1	bc	61	65	8	-	-	-	A-cu	6	1
East Fortune	1017.9	-2	W	3	0	64	82	4	2-3000	cu-nb	5	A-st	5	*	1016.9	-1	W	3	c	63	75	5	4-5000	St-cu	3	A-cu	4	*
Howden	1019.2	0	W	2	0	74	65	6	5-7000	St-cu	5	A-st	5	*	1019.2	0	-	0	0	70	75	5	-	-	-	-	-	*
Felixstowe	1021.4	0	WSW	2	c	71	87	5	4-5000	cu	7	-	-	1	1021.5	+1	SSE	2	c	63	87	5	5-7000	St-cu	6	ci-st	1	2
Cranwell (Lincs)	1020.1	0	W	3	c	71	65	5	2-3000	cu	4	ci-st	3	*	1019.6	-1	WSW	2	0	72	65	6	2-3000	St	2	ci-st	7	*
Bedford	1021.1	-1	-	0	bc	71	65	5	-	-	-	-	-	*	1020.5	-1	W	1	0	72	65	4	4-5000	St	4	fa-cu	5	*
Benson	1021.1	-1	-	0	bc	71	65	5	-	-	-	-	-	*	1020.5	0	W	1	c	73	65	4	-	-	-	ci	4	*
London (Rav. Ob.)	1021.8	-1	NW	1	bc	71	55	7	-	cu	5	ci	1	*	1021.0	-1	W	2	b	75	55	6	-	-	-	ci-st	3	*
1H. G.M.T. OF 7 <sup>TH</sup>															7H. G.M.T. OF 7 <sup>TH</sup>													
Houton B. (Orkney)	1014.6	0	S	2	0	55	87	6	3-4000	St-cu	9	-	-	2	1012.8	-2	SSE	5	c	55	82	4	7-9000	-	-	A-st	8	2
Esksdalemuir	1014.5	0	S	2	fic	53	97	0	2-1000	St	10	-	-	*	1017.6	0	S	2	om	56	87	5	12-2000	St	8	ci	1	*
Stranraer	1018.1	-1	SE	2	om	52	97	3	2-3000	St	12	-	-	*	1016.2	-1	SE	4	0	53	92	7	2-3000	St-cu	8	ci-cu	1	*
Lough Foyle	1015.3	-5	SSE	5	og	57	*	*	*	*	*	*	*	*	1013.0	-2	S	5	or	55	98	4	1-1500	Nb	10	-	-	3
Valencia (Cabrera)	1015.3	-5	SSE	5	og	57	*	*	*	*	*	*	*	*	1011.9	-3	S	5	or	56	98	4	2-4000	St	10	-	-	0
Anglesey (Llangefni)	1020.2	-1	SSW	3	b	55	87	7	-	St-cu	1	Ast	1	4	1017.4	-2	S	4	b	63	55	8	-	-	-	A-st	3	4
Falmouth	1021.8	-2	-	0	bmw	52	97	5	-	-	-	-	-	*	1019.7	-2	SE	2	og	55	98	1	-	st	10	-	-	*
Calshot (Hants)	1022.4	0	W	1	ofz	54	91	0	4500	-	-	-	-	2	1022.1	0	SW	1	ofz	56	98	0	-	-	-	-	-	2
Capel (Folkestone)	1022.4	0	W	1	ofz	54	91	0	4500	-	-	-	-	2	1022.5	0	SSW	4	ofz	50	98	0	4500	st	10	-	-	3
Aberdeen	1015.6	0	SW	3	0	54	92	6	3-4000	St-cu	4	A-cu	5	*	1015.3	0	S	2	bz	60	75	6	-	-	-	-	-	2
East Fortune	1017.6	0	SSW	1	c	57	82	9	7-9000	St	7	-	-	*	1015.7	-1	-	0	bc	61	82	5	5-7000	St-cu	2	A-st	3	*
Howden	1020.3	0	-	0	bcw	54	92	5	-	-	-	A-st	4	*	1019.7	-1	-	0	c2	60	92	3	-	-	-	A-st	7	*
Felixstowe	1021.8	0	SW	1	c	55	97	7	-	-	-	-	-	2	1021.9	0	SSE	2	bc	62	87	4	4-5000	-	-	ci-st	4	2
Cranwell (Lincs)	1023.9	0	WSW	3	b	58	87	5	3-4000	St	2	-	-	*	1019.7	0	SSW	1	bc	65	65	6	2-3000	St	2	ci-st	4	*
Bedford	1021.1	-1	-	0	bcw	62	82	1	1-1500	-	-	-	-	*	1021.1	0	SSW	1	bm	62	82	3	-	-	-	ci-st	2	*
Benson	1021.1	-1	-	0	bcw	62	82	1	1-1500	-	-	-	-	*	1019.7	0	SW	1	b	64	75	3	-	-	-	ci	1	*
London	1021.3	0	-	0	b	64	*	*	*	*	*	*	*	*	1021.2	0	SW	1	bm	63	75	4	-	-	-	ci	1	*
M.O. at 1st																												

STATIONS CONTRIBUTING REPORTS AT 7H AND 12H.

STATIONS.	BAROM. at M.S.L.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall in in.	TEMP.		WEATHER.			Sunshine Hours.	
	m.b.	°F.	Direc.		Force 0-12.	at M.S.L. m.b.	Change in 8 hours.	Temp. °F.	Change in 24 hours.	Direc.					Force 0-12.	Max. °F.	Min. °F.	Morning.	Afternoon.		Night.
	15H. G.M.T. of 6 <sup>th</sup>				7H. G.M.T. of 7 <sup>th</sup>										24 HOURS ENDED 7H. 30 <sup>th</sup>						6 <sup>th</sup>
Lerwick	1013.8	55	WSW	4	om	1013.9	-2	51	-1	SW	3	-	om	2	1	57	50	cmf.	om	om	3
Stornoway	1013.6	51	SSW	6	og	1009.6	-3	56	+2	SSW	5	-	odp	4	1	60	53	ofz	oc. og.	odp	1.8
Castlebay (Hants)	1015.5	55	SW	5	odp	1010.8	-1	52	-2	SE	2	-	rf	3	5	55	52	df	odp	mdp. rf	0.0
Glasgow	1018.0	62	WSW	3	c	1015.6	0	58	+3	SSE	3	-	o	2	-	64	51	oc	c	c. oz	1.4
Malin Head	1015.9	61	SW	2	cm	1011.4	-1	57	+1	SSW	2	-	om	2	0.2	65	55	cg	bm	cmg	4.1
Blackod Point	1014.8	57	S	5	ogm	1008.9	-3	59	+4	S	5	-	om	5	21	60	53	ogm	cgm	om. omr	*
Roche's Point	1021.3	60	SSW	2	o	1015.5	-3	58	+2	SW	5	-	om	4	Trace	62	56	oc	c. o	oc. b. om	*
Birt Castle	1017.9	66	S	1	c	1012.8	*	59	+2	SSE	3	S	c	*	-	72	54	c2	c2	c	10.4
Donaghadee	1017.4	62	SSW	3	cm	1014.6	0	57	-1	SW	4	SW	bm	3	-	69	50	om. om	cgmg	bcm	*
Liverpool (Bidston)	1020.5	61	NW	1	bc	1018.1	-2	61	+3	SE	1	-	b	1	-	66	54	oc. om	bc	bc. b	7.9
Holyhead	1020.1	57	SSW	5	bcy.	1017.4	-2	59	+2	SSW	4	-	b2	2	-	62	52	oc. o	c. bc.	c. bc. b	1.2
Pembroke (St. Ann's Head)	1022.7	55	SW	2	c	1018.6	-3	53	-1	SE	3	-	bf	2	-	58	51	of. o	oc	bc. of	2.9
Scilly (St. Mary's)	1024.5	60	W	1	bcm	1018.8	-2	57	+1	SSE	3	-	bm	3	-	62	53	oc. om	bcm	bcm. bm	5.5
Jersey (St. Aubin)	1024.0	57	WNW	2	om	1021.8	0	53	-2	-	0	-	f	0	-	58	51	of. om	om. c. om	om. of	0.0
Portland Bill	1022.5	59	W	2	bc	1022.1	-1	58	0	ESE	2	-	f	3	-	62	52	c. bc.	bc	m. f	*
Dungeness	1021.0	59	SW	4	bc	1021.8	+1	57	-11	SW	3	-	f	3	-	66	50	c. b.	bc	c. b. bc.	*
Wick	1014.1	64	WSW	3	bc	1011.4	-2	55	-4	SSW	3	-	bcm	2	-	65	50	om. om	om. bc.	bc. om	*
Nairn	1015.0	63	WSW	2	c	1012.3	*	63	+3	-	0	-	bc	0	-	65	53	bc. cg.	cg	c. bcw	1.3
Leith	1016.9	63	NW	1	c	1015.7	0	57	-1	W	1	-	c	1	-	67	53	om. c. bc	C. bc. c	C2. cmc	*
Tynemouth	1017.7	71	NW	1	bcm	1017.6	0	60	0	WSW	3	-	bcm	2	-	77	51	bcm.	bcm.	bcm. om	*
Spurn Head	1020.5	67	SSW	1	om	1020.7	0	61	+4	SSW	1	-	bcf	1	-	70	56	cm	c. om.	bcmf	1.7
Yarmouth (Gr. Island)	1020.2	58	S	2	c	1020.5	0	62	+4	SSW	2	-	bcm	2	-	66	57	cm	cm.	bc2m	4.2
Clacton-on-Sea	1020.9	64	S	2	c	1021.4	0	61	+3	SSW	2	-	bcm	1	-	68	58	bc. c2.	c. bc. c2.	bc2m	8.2
Nottingham	1019.6	75	SW	2	b2.	1020.1	*	60	-11.	SW	1	-	b2	*	-	76	52	oc. om.	bc. b.	bc. c	3.8



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

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

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

The anticyclone is moving away slowly eastwards to the Continent while a large depression on the Atlantic is extending gradually over the British Isles. It is probable, therefore, that the unsettled weather which has already set in on our far western coasts will spread slowly over the whole Kingdom.

**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows 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.**—Mean temperature is shown in degrees F.  
**WEATHER SYMBOLS.**  
 ○ clear sky. ● sky & cloud. ☁ sky & cloud. ☁ overcast sky. ☁ rain falling. \* snow. ▲ hail. = fog. = thunder. T thunder. E thunderstorm.  
**SEA DISTURBANCE.**—Rough. High.

## Further Outlook.

The anticyclone will probably take up a position further to the eastward, thus allowing Atlantic depressions to spread further over the British Isles and encouraging the development of local disturbances directly over the country.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Saturday, 7th June, 1919
1. S.E. England	Wind Sly. light to moderate. Fair today, then becoming unsettled, with some showers or thunderstorms. Local fog on south-east coast. Warm.
2. E. England	
3. E. Midlands	
4. W. Midlands	Wind S. or SW. light to moderate or fresh. Becoming less fine, some showers, thunder locally.
5. S.W. England	Mist or fog on coast. Warm.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	S. and SW. winds, light or moderate. Fair to unsettled, some showers, thunder locally. Some mist or fog on coast. Warm.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Wind S. to SW. light or moderate, fresh locally.
13. Isle of Man	Cloudy or dull, some rain or showers, thunder locally.
14. N. & N.W. Scotland	Some mist or fog on coast. Warm.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	S. and SW. winds, moderate to fresh, strong locally.
18. N.E. Ireland	
19. S.E. Ireland	Dull, some rain, mist or fog locally.
20. S.W. Ireland	Warm.



# SYNOPTIC CHART FOR MORNING OF Saturday, 7<sup>th</sup> June, 1919.

Nautical Miles  
Statute Miles.

Scale - 1:10,000,000



## Scale of Surface Visibility.

Very Bad	Bad	Very Poor	Poor	Indist.	Ordinary	Good, above ord.	Very good, unusual	Excep. good	Perfect
Objects not visible beyond 200 metres.	"	"	"	"	"	"	"	"	"
300 "	500 "	1,000 "	2,000 "	4,000 "	7,000 "	12,000 "	20,000 "	30,000 "	Objects visible beyond 30,000 metres, (12.5 miles)
(545 yards)	(645 yards)	(1,645 yards)	(3,290 yards)	(4,935 yards)	(6,580 yards)	(8,225 yards)	(9,870 yards)	(11,515 yards)	(13,160 yards)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 158 B

SATURDAY  
7th JUNE

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 6th 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-30h.		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sun-30h.
Scotland.									England, N.W.								
Banff ...	bc	bc	58	55	3	-	0.0	0.9	Southport ...	a.c.b.b	b.b.c	65	56	-	-	6.0	1.8
Montrose ...	-	-	67	52	2	-	5.3	3.7	Blackpool ...	-	-	67	56	-	-	4.0	2.6
St. Andrews ...	o	c	66	55	2	-	1.0	4.2	Douglas (I. of Man.)	-	-	60	56	-	-	1.8	1.8
Oban ...	-	-	61	50	-	0.3	0.1	0.0									
England, N.E.									Midlands.								
Harrogate ...	bc.b	bc	71	55	-	-	8.3	4.2	Buxton ...	bc	bc	71	54	-	-	6.1	3.3
Skegness ...	om	o.cm	74	54	-	-	3.6	5.2	Leamington Spa...	c.b.	c.bz.	75	56	-	-	6.3	7.5
									Malvern ...	z	z	76	51	-	-	6.0	8.0
									Ross-on-Wye ...	b	by	78	53	-	-	6.5	1.4
England, E.									Wales.								
Felixstowe ...	bc.m	bc.m	73	54	-	-	5.9	0.5	Rhyl ...	c.bc	bc.c	63	57	-	-	5.0	9.0
Walton-on-Naze...	o.cz	c.bz	71	55	-	-	5.8	0.6	Colwyn Bay ...	-	-	62	57	-	-	4.5	5.0
Southend-on-Sea...									Llandudno ...	c.	c.b.	63	56	-	-	5.0	5.8
									Aberystwyth ...	o.c.c.	c.ob.	62	57	-	-	3.5	1.5
England, S.E.									England, S.W.								
Brighton ...	-	-	67	51	-	-	11.0	4.0	Teignmouth ...	bc.b	b	69	57	-	-	11.0	4.0
Margate ...	bc.b	b.bc	72	54	-	-	7.0	0.0	Weymouth ...	bz.b	b	74	56	-	-	11.0	7.0
Ramsgate ...	b	b	70	53	-	-	8.0	0.1	Torquay ...	b	b	70	55	-	-	7.5	4.0
Hastings ...	b	b	70	56	-	-	12.0	1.6	Penzance ...	c	bc.b	67	55	-	-	3.7	0.1
Eastbourne ...	b	b	71	55	-	-	12.2	2.7	Newquay ...	c	b	60	54	-	-	7.0	5.6
Worthing ...	b	b	70	56	-	-	10.3	3.9	Weston-s-Mare ...	m.c.bc.	b	66	52	-	-		
Littlehampton ...	b	b	69	57	-	-	10.0	5.1									
Bournemouth ...	-	-	73	54	-	-	10.0	7.6									

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. F.	Min. Temp. F.	Min. on Grass. F.	RAINFALL.		Sun. Hours.
	7h-13h.	13h-18h.	18h-6h.	1h-7h.				Day. 7h-18h.	Night. 18h-7h.	
†Houton Bay (Orkney)...	c.ov.	c.o.	c.o.	60	61	51	*	*	*	*
Eskdalemuir ...	o.	c.om.	co.em.	feom	61	51	51	-	-	0.1
†Stranraer ...	c.	c.oq.	b.bc.z.	p.	65	53	*	*	*	*
†Lough Foyle ...	c.	c.a.	*	co	64	51	*	*	*	*
Valencia (Cahirciveen) ...	bc.c.	bc.c.	coar	coar	65	56	56	-	4	10.6
†Anglesey (Llangefni) ...	o	oq.	bc.c.b.c.	*	*	*	*	*	*	*
Falmouth ...	co.z.	z.f.	b.em.	b.m.f.	68	50	43	-	-	10.0
†Calshot (Hants) ...	c.o.	bc.c.bz.	of.	f	76	51	*	*	*	*
†Capel (Folkestone)...	om.z.	bc.z.	*	ef	67	50	*	*	*	*
Aberdeen ...	z.bc.c.	bc.c.	bcobz	bcobz	70	53	44	-	-	6.0
†East Fortune ...	cz.	bc.z.	c.o.	bcc	66	54	*	*	*	*
†Howden ...	bc.z.	c.o.z.	bc.c.	bkcw	76	48	*	*	*	*
†Felixstowe ...	ca.c.	bc.c.z.	b.bc.	bcc	73	52	*	*	*	*
†Cranwell (Lincs) ...	co.z.	b.bc.	c.o.	bcc	74	56	*	*	*	*
†Bedford ...	z.c.o.	*	f	f	74	52	*	*	*	*
Benson ...	b	bc	*	*	77	47	39	-	-	*
London (Kew Obsy.) ...	z.bc.c.	b.bc.	bbzbn	bbzbn	78	55	45	-	-	8.2

## 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.

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Meters per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.6
2	4-7	1.6-3.3
3	8-12	3.3-6.4
4	13-18	6.4-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.2
7	32-38	13.3-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.9
12	Above 76	34.0 or above

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

## SYMBOLS.

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

## LONDON OBSERVATIONS.

LONDON. OBSERVATIONS.	WEATHER.			Max.	Min.	Min. on	Rain-	Sun-	HUMIDITY %	
	Morning	Afternoon.	Night.	Temp. ° F.	Temp. ° F.	Temp. ° F.	fall. mm.	shine to Sunset Hours.	12 h.	9 h.
	24 HOURS ENDED 9H G.M.T. 7 <sup>th</sup> JUNE							YESTERDAY.	TO-DAY.	
Greenwich (Royal Observatory)	b.c.c	bc	b	78	54	42	-	8.8	54	63
City (Bunhill Row) ... ..	*	*	*	76	56	50	-	9.0	66	70
Westminster (St. James's Park)	*	*	*	73	60	52	-	10.2	62	65
(Admiralty Arch)	b.c.m	b.c.z	b	79	60	52	-	7.8	36	62
Camden Sq. (British Rainfall)	b.b.c	b.b.c	*	78	57	52	-	*	*	60
Kensington Palace ... ..	b	b	*	81	56	46	-	*	*	*
Richmond Park .. .. .	*	*	*	*	*	*	*	*	*	*

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Total	Average Rate	Maximum Rate
	1763	299	78

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

Stations.	7th JUNE		Sunset.
	G.M.T.	G.M.T.	
Yarmouth...	3.33	11.51	8.10
Greenwich	3.33	11.52	8.11
Wick	3.46	11.58	8.11
Valencia ...	4.24	12.10	9.10

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to above 75° in several parts of England, but only to 58° at Jersey and Pembroke. Much sea fog prevailed on the west and south-west coasts. Bright sunshine was very prevalent in the south-east, at Torquay, and in central Ireland; elsewhere the amount was moderate to slight. In some

parts of Scotland there was less than an hour. At Castlebay, and also at Jersey, there was none. Rain was experienced in some Scottish and Irish localities; 21 mm. at Blacksod Point.

† Air Ministry Station.

\* Information for these columns not usually received.





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

No 24075 ..... SUNDAY... 8<sup>th</sup> JUNE..... 1919.

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

STATIONS.	13H. G.M.T. 7 <sup>TH</sup>														13H. G.M.T. OF 7 <sup>TH</sup>													
	Barom. at M.S.L. m.b.	Change in 3 hours.	Wind. Direc. Force 0-12.	Weather	Temp. °F.	Humidity %	Visibility 0-10.	Height of Low Cloud. Feet.	Low Cloud. Form.	Alt. 0-10.	Upper Cloud. Form.	Alt. 0-10.	Sea 0-9.	Barom. at M.S.L. m.b.	Change in 3 hours.	Wind. Direc. Force 0-12.	Weather	Temp. °F.	Humidity %	Visibility 0-10.	Height of Low Cloud. Feet.	Low Cloud. Form.	Alt. 0-10.	Upper Cloud. Form.	Alt. 0-10.	Sea 0-9.		
Houton B. (Orkney)	1002.7	-5	SSE 6	oz	59	87	5	3-4000	St	6	A-cu	2	3	1006.8	-2	S	5	ot.	53	92	4	1-1500	St	10	-	-	3	
Eskdalemuir	1012.2	-4	SSW 5	buz	70	65	6	-	Cu	2	A-cu	1	*	1011.5	-3	S	3	om.	56	97	5	1-1500	St	9	-	-	*	
Stranraer	1012.5	-5	S	5	61	75	6	3-4000	St	6	Ci-st	3	*	1011.2	-2	SSW 5	0	54	97	4	1500	St	10	-	-	*		
Lough Foyle	1009.8	-6	SW 7	ot.	55	97	4	1-1000	Nb	10	-	-	2	1015.0	+2	SW 4	C	58	75	10	2-3000	St-cu	5	A-st	1	3		
Valencia (Cable'n)	1014.1	+4	WSW 4	b	57	75	10	3-4000	Cu	2	A-cu	1	4	1015.0	+2	SW 4	C	58	75	10	2-3000	St-cu	5	A-st	1	3		
Anglesey (Llangefn)	1015.4	0	SW 7	C2	66	65	5	2-3000	St-cu	1	Ci	6	5	1014.5	0	SW 5	ot.	56	97	3	1500	St	10	-	-	6		
Palmouth	1018.9	-1	SSW 4	om.	60	87	1	-	St	10	-	-	-	1018.0	0	SW 4	om.	60	87	3	-	St	9	-	-	*		
Calshot (Hants)	1021.5	-1	SSW 3	c	55	92	0	1500	St	10	-	-	2	1019.5	0	SW 3	0	61	92	6	3-4000	St	10	-	-	4		
Capel (Folkestone)	1021.5	-1	SSW 3	c	55	92	0	1500	St	10	-	-	2	1019.4	-2	SW 3	5	58	75	2	1-1500	St	10	-	-	3		
Aberdeen	1011.9	-3	S	4	bz.	55	6	-	-	-	Ci-cu	1	3	1009.6	-1	SW 4	0	62	55	8	-	Ma-cu	10	-	-	3		
East Fortune	1011.9	-4	SSE 4	bc	75	55	7	5-7000	St-cu	3	A-st	4	*	1010.8	-2	S	2	7.5	59	87	5	1-1500	Nb	10	-	-	*	
Howden	1015.8	-4	S	4	2	80	55	5	-	-	-	-	-	1013.0	-2	SSW 4	C	78	40	4	3-4000	St-cu	2	A-cu	6	*		
Felixstowe	1020.6	-3	ESE 2	b	67	75	5	-	-	-	-	-	-	1018.0	-3	SE 3	b	62	87	5	-	-	-	-	-	4		
Cranwell (Lincs)	1016.6	-4	S	4	bz.	80	40	6	4-5000	-	Ci-st	4	*	1014.6	-5	SW 4	bc	77	55	6	2-3000	St	2	Ci	3	*		
Bedford	1018.3	-2	SSW 3	b	79	55	6	5-7000	Fr-cu	1	-	-	-	1016.1	-2	SW 3	bz.	77	40	4	7-9000	Fr-cu	2	-	-	*		
Benson	1018.4	-1	SW 3	b	78	55	6	-	-	-	-	-	-	1016.7	-3	SSW 4	b	73	55	8	-	-	-	-	-	*		
London (Kew Ob.)	1019.1	-2	SSW 1	b	77	55	7	-	-	-	-	-	-	1017.5	-2	SSW 4	b	77	40	8	-	-	-	-	-	*		
1H. G.M.T. OF 8 <sup>TH</sup>														7H. G.M.T. OF 8 <sup>TH</sup>														
Houton B. (Orkney)	1007.8	+1	WSW 5	0	48	92	8	1-1500	St	2	A-cu	7	3	1008.7	0	SW 5	b	49	82	8	1-2000	St	1	Ci-cu	3	3		
Eskdalemuir	1012.7	0	SW 6	C2	52	92	5	-	St	7	-	-	*	1011.9	+3	SSW 4	C	49	82	6	1-2000	St	8	-	-	*		
Stranraer	1014.0	+3	SW 4	b	49	92	6	1-2000	St-cu	1	-	-	*	1015.0	+2	SSW 3	b	53	82	2	3-4000	Fr-cu	1	-	-	*		
Lough Foyle	1016.2	0	SSE 4	bc	53	*	*	*	*	*	*	*	*	1010.7	-2	S	7	C	51	92	7	2-3000	cu	3	A-cu	4	3	
Valencia (Cable'n)	1016.2	0	SSE 4	bc	53	*	*	*	*	*	*	*	*	1014.1	-1	S	5	C	56	82	8	1-2000	St-cu	8	-	-	4	
Anglesey (Llangefn)	1016.3	+2	-	0	bcw	49	97	?	3-4000	St	3	A-cu	2	3	1017.1	+1	SW 3	b	54	75	7	2-3000	St-cu	1	A-st	2	5	
Palmouth	1020.2	+1	NW 1	bc	52	97	6	-	St	4	-	-	-	1021.1	+2	SW 3	C	58	98	5	-	cu	4	A-st	2	*		
Calshot (Hants)	1019.6	0	SW 3	bc	57	97	7	4-5000	St	4	-	-	4	1020.4	+1	-	0	58	98	4	4500	St	10	-	-	3		
Capel (Folkestone)	1019.6	0	SW 3	bc	57	97	7	4-5000	St	4	-	-	4	1020.3	+1	SW 1	ot.	55	98	0	4500	St	10	-	-	0		
Aberdeen	1008.8	+2	-	0	bc	54	87	6	5-7000	Nb	3	A-cu	3	*	1012.1	+1	-	0	57	55	8	-	fr-cu	1	-	-	2	
East Fortune	1011.6	0	SW 2	b	54	87	?	2-3000	Nb	3	-	-	*	1013.5	+1	SSW 4	bc	55	82	6	5-7000	Fr-cu	4	-	-	*		
Howden	1018.1	0	SW 3	bc	57	75	5	4-5000	St	2	A-st	2	*	1017.5	+3	SW 2	b	58	75	5	-	-	-	-	-	*		
Felixstowe	1018.2	0	SSW 3	bc	61	91	?	-	-	-	-	-	4	1020.2	+1	W	1	61	87	5	4-5000	St	3	A-st	5	2		
Cranwell (Lincs)	1016.6	+2	W 3	b	56	87	5	3-4000	St	2	Ci-st	1	*	1019.4	+4	WSW 3	C	59	55	7	2-3000	cu	3	Ci-cu	4	*		
Bedford	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.0	+3	WSW 2	0	61	75	5	5-7000	St	3	A-cu	6	*		
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.6	+2	NW 2	C	59	75	7	-	-	-	-	-	*		
London (Kew Ob.)	1018.9	0	WSW 2	C	60	*	*	*	*	*	*	*	*	1020.1	+1	SW 1	0	61	75	5	-	-	-	-	-	*		
15H. G.M.T. OF 7 <sup>TH</sup>														24 HOURS ENDED 7H. 8 <sup>TH</sup>														
STATIONS.	Barom. at M.S.L. m.b.	Temp. °F.	Wind. Direc. Force 0-12.	Weather	Barometer. at M.S.L. m.b.	Change in 3 hours.	Temperature. Temp. °F.	Change in 24 hours.	Wind. Direc. Force 0-12.	Upper Cloud. Direc.	Weather	Sea 0-9.	Rainfall inches.	Temp. Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	Sensations Hours.									
	15H. G.M.T. OF 7 <sup>TH</sup>														7H. G.M.T. OF 8 <sup>TH</sup>													
Lerwick	1007.5	54	S	3	om	1009.2	+1	53	+2	SW	4	SW	om	3	3	61	51	om	om	om	*							
Stornoway	1005.4	53	W	4	0	1007.4	+1	50	-6	SW	4	SW	cpq	4	15	56	46	ot	ot co.	cpq	2.9							
Castell Bay (Barrats)	1007.3	53	WSW 5	bc	1008.5	0	52	0	SSW 5	0	-	SW	0	5	9	55	48	r fr.	r bc.	bcp.	3.1							
Glasgow	1010.1	57	SW 3	omph	1013.1	+1	51	-7	SW 3	SW	bc	2	8	70	48	oc sq.	oc sq.	omph.	omph.	omph.	0.7							
Main Head	1009.0	56	WSW 4	bc	1010.6	-1	50	-7	S	5	SW	bcq	5	7	57	47	g.m.f.	omph	cpq	2.5								
Blackod Point	1010.6	53	SW 4	ot.	1008.7	-5	55	-4	S	7	-	omph	6	17	59	53	bc.	omph	omph	*								
Roche's Point	1015.6	60	W 4	b	1017.2	0	56	-2	SW 4	-	bc	4	-	63	50	of om	bc.	bc.	bc.	*								
Port Castle	1014.3	56	SW 2	C	1015.2	*	63	-6	S	2	bc	2	4	62	46	cp	cp	cp	cp	*								
Donaghadee	1010.9	56	SW 4	omph	1014.6	+1	51	-6	SW 3	-	b	2	4	62	47	omph.	omph.	omph.	omph.	*								
Liverpool (Lancaster)	1012.6	67	WSW 4	C	1017.7	+2	56	-5	WSW 2	-	b	1	-	82	50	by	bc.	bc.	bc.	10.0?								
Holyhead	1014.2	55	SSW 6	fdq	1016.9	+1	53	-6	SW 4	-	b	2	0.3	67	49	b.bq.	bc.	bc.	bc.	7.5								
Pembroke (St. Ann's Head)	1016.4	54	WSW 3	of	1019.4	+2	54	+1	SW 2	-	bc	3	0.3	58	51	bf.	om.	om.	om.	4.3								
Scilly (St. Mary's)	1017.9	60	WSW 3	om	1021.0	0	56	-1	WNW 2	W	bc	3	0.2	61	52	omf.	cf.	cf.	cf.	3.4								
Jersey (St. Aubin)	1019.8	64	NW 3	b	1021.7	0	59	+6	SW 2	-	0	2	-	75	52	fb.	b.	b.	b.	10.2								
Portland Bill	1019.8	55	SE 1	om	1020.5	+1	55	-3	W 2	-	0	3	-	58	54	cf.	cf.	cf.	cf.	*								
Dungeness	1019.7	53	SW 3	f	1020.2	+1	56	+5	WSW 2	-	0	2	-	66	50	of	f	f.	f.	*								
Wick	1006.0	57	SW 5	omph	1008.8	+1	52	-3	SSW 3	-	bc	2	2	61	47	bm.	om.	om.	om.	*								
Nairn	1005.7	50	-	0	1009.6	*	53	-10	WSW 3	-	bcq	2	4	71	44	bc.	bc.	bc.	bc.	3.4								
Leith	1009.4	59	SW 2	T	1012.9	+1	53	-4	W 2	W	b	2	3	75	50	c.b.c.	bc.	bc.										



# SUMMARY OF CONDITIONS AT 7 A.M. Sunday, 8th June 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-W. 2-5	Rather mild	Cloudy or dull, local fog on coast.	Variable	Smooth
2. E. England	S-WSW. 2-5	" mild	Fair to cloudy, local mist	Ordinary	"
3. E. Midlands	SW-W. 5	" "	Variable sky	"	"
4. W. Midlands	SW-W. 5	" "	" "	"	"
5. S.W. England	SW-W. 5-10	Moderate	Fair to dull	Good	Smooth
6. South Wales	SW. 5	"	Fair	"	Slight
7. North Wales	SW. 10-15	"	Fine	V. good	Smooth
8. N.W. England	SW. 5-10	"	Fair to fine	"	"
9. N. Midlands	SW-W. 5	Rather mild	Fair to fine	Ordinary	"
10. N.E. England	SW-W. 5	" mild	Fair to fine, local mist	"	Smooth
11. E. Scotland	SW-W. 5-15	Moderate	Fair to fine	Good	"
12. S.W. Scotland	S-SW. 10-15	"	Cloudy to fine	Ordinary	"
13. Isle of Man	SW. 5-10	"	Fine	"	"
14. N. & N.W. Scotland	S-SW. 10-15	"	Fair	"	Slight
15. Hebrides	S-SW. 15-21	"	Cloudy or dull, showers in North	"	Moderate
16. Orkneys and Shetlands	SW. 15-21	"	Cloudy to fine, local showers	V. good	Slight
17. N.W. Ireland	S. 28-35	"	Cloudy, squalls, local mist	"	Rough
18. N.E. Ireland	S-SW. 10-21	"	Cloudy to fine	"	Slight
19. S.E. Ireland	S-SW. 5-15	"	Fair	"	Slight
20. S.W. Ireland	S-SW. 15-21	"	Fair to cloudy	"	Moderate

GENERAL INFERENCE from observations received up to 7h G.M.T.

The fall of the barometer on the W coast of Ireland will probably extend Eastward and be followed by less fair weather over the whole Kingdom.

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

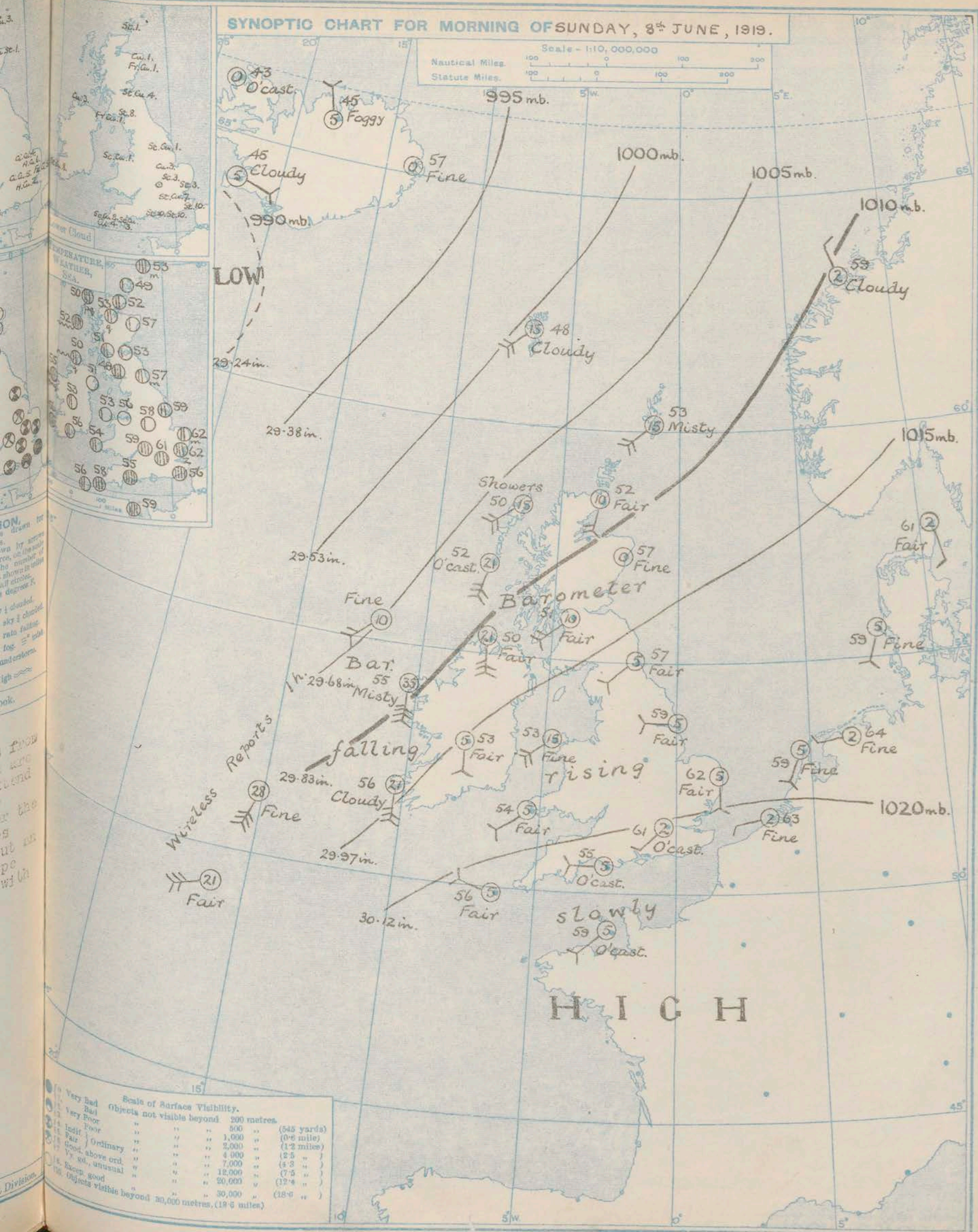
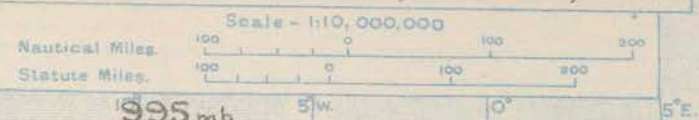
Further Outlook.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Sunday 8th June 1919
1. S.E. England	Wind SW or S, light to moderate; cloudy or variable sky, some rain, thunder locally. Temperature falling.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	S and SW winds, light to moderate or fresh. Cloudy or dull, some rain, thunder locally. Moderate temperature.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Same as 1-4
10. N.E. England	
11. E. Scotland	Wind S or SW, light to fresh; cloudy or dull, some rain. Moderate temperature.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	Wind S or SW, moderate to fresh, strong locally; dull, some rain. Rather cool.
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Depressions from the Westward are likely to extend or move more directly over the British Isles bringing about an unsettled type of weather, with rain in all districts.



SYNOPTIC CHART FOR MORNING OF SUNDAY, 8<sup>th</sup> JUNE, 1919.



15

Scale of Surface Visibility.

Objects not visible beyond				200 metres.
Very Bad	Bad			
Very Poor				
	Poor	"	"	500 "
		"	"	1,000 "
		"	"	2,000 "
	Ordinary	"	"	4,000 "
		"	"	7,000 "
	Good, above ord.	"	"	12,000 "
	Very good, unusual	"	"	20,000 "
	Exceptional, good	"	"	30,000 "
		"	"	30,000 "
Objects visible beyond				30,000 metres, (19.6 miles)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 159 B

Sunday  
8<sup>th</sup> June

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR June 7<sup>th</sup> 1919.

STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h. to 5h.	Day. 5h. to 17h.	to 17h. 7th	Sunrise to 507. 36th			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h. to 5h. 6th	Day. 5h. to 17h. 7th	to 17h. 7th	Sunrise to 507. 36th
Scotland.	Banff ... ..	b	bc.og	74	54	-	-	7.8	1.1	England, N.W.	Southport ... ..	by.b.	b.bc.c.o	80	50	-	-	8.8	7.2
	Montrose ... ..	-	-	70	51	-	-	8.5	5.2		Douglas (I. of Man) ... ..	-	-	65	50	-	1	6.8	1.8
	St. Andrews ... ..	-	-	-	-	-	-	-	-		Buxton ... ..	bc	b	78	49	-	-	11.2	6.1
	Oban ... ..	-	-	61	50	-	8	0.0	0.1		Leamington Spa ... ..	b	b	79	54	-	-	12.0	6.3
England <sup>2</sup> , N.E.	Harrogate ... ..	b	b	82	51	-	-	11.1	8.6	Midlands.	Malvern ... ..	-	-	-	-	-	-	-	-
	Skegness ... ..	-	-	-	-	-	-	-	-		Ross-on-Wye ... ..	b	b	80	48	-	-	11.1	6.5
England, E.	Felixstowe ... ..	bc.m	bm	66	59	-	-	11.5	6.8	Wales.	Rhyl ... ..	-	-	-	-	-	-	-	-
	Walton-on-Naze ... ..	-	-	-	-	-	-	-	-		Colwyn Bay ... ..	-	-	-	-	-	-	-	-
	Southend-on-Sea ... ..	bz.	b	81	58	-	-	11.0	7.9		Llandudno ... ..	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-		Aberystwyth ... ..	c.b.b.	bc.o	75	59	-	-	10.5	3.5
England, S.E.	Margate ... ..	b	b	78	55	-	-	11.2	7.0	England, S.W.	Bude ... ..	b	b.bc.co.	68	48	-	-	8.5	-
	Ramsgate ... ..	b	b	67	53	-	-	11.1	8.0		Weymouth ... ..	-	-	-	-	-	-	-	-
	Hastings ... ..	f	a.bc.b	61	51	-	-	2.0	13.2		Torquay ... ..	-	-	-	-	-	-	-	-
	Eastbourne ... ..	om.bc	m.bc.b	61	50	-	-	3.2	12.8		Penzance ... ..	of.c.	bc.co	62	52	-	-	0.0	8.9
	Worthing ... ..	m.o.	bc	60	52	-	-	1.0	12.2		Newquay ... ..	-	-	-	-	-	-	-	-
	Littlehampton ... ..	-	-	-	-	-	-	-	-		Weston-s-Mare ... ..	-	-	-	-	-	-	-	-
	Bournemouth ... ..	-	-	62	49	-	-	3.0	10.8		-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours.		No.	Limits of Velocity.	
	1h-13h.	13h-18h.	18h-7h.	7h-1h.				Day, 7h-18h.	Night, 18h-7h.				Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)...	coz.	or.	71 c.	bc, bc	63	47	*	*	*	*	0	Less than 1	Less than 0.5	
†Eskdalemuir ...	om.c.b.yz	bc, or.m.	of, m.o.	co, c	72	46	45	2	0.2	7.8	1	1-8	0.5-1.5	
†Stranraer ...	coq.	h. q.	q.co.	b, bc	64	44	*	*	*	*	2	4-7	1.5-2.5	
†Lough Foyle ...	r.z.		coq.		65	51	*	*	*	*	3	5-12	2.5-5.4	
†Valencia (Cahirciveen) ...	or, of b.	b, bc.	c, cp		59	50	46	7	1	5.3	4	13-18	5.5-7.0	
†Anglesey (Llangefni) ...	b, bc.	71 om.	o, h.d.	b, bc	72	46	*	*	*	*	5	19-24	8.0-10.7	
†Falmouth ...	of, om.	em, om.	co	bc, c	62	51	43	-	-	0.3	6	25-31	10.9-13.8	
†Caishot (Banta) ...	b		co.	bc, c	69	51	*	*	*	*	7	32-38	12.2-20.7	
†Capel (Folkestone) ...	e of z	c f z		of, e	67	49	*	*	*	*	8	39-46	20.8-24.4	
Aberdeen ...	bz, y	bc, o.g.g.	or, bc, b		69	50	40	-	0.4	9.1	9	47-54	24.5-29.6	
†East Fortune ...	bc, c.	q, r.	co, h.d.	b, bc	80	50	*	*	*	*	10	55-63	25.5-32.5	
†Howden ...	b, bc	b, bc, z	bc, c, W	b, bc	82	48	*	*	*	*	11	64-75	33.0 or above	
†Felixstowe ...	bz	bz	b, bc, z	b, bc, z	72	52	*	*	*	*				
†Cranwell (Lines) ...	b, bc.	z, bc, c.	z, bc, c.	c, o	83	50	*	*	*	*				
†Bedford ...	bg.	q, z.	c, o		81	54	*	*	*	*				
Benson ...	b	b.	bc		80	53	39	-	-	-				
London (Kew Obs.) ...	bz,	b.	b, bc, o		79	57	50	-	-	-				

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

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

**SYMBOLS.**  
Aurora ☄ Solar halo ☉  
Rain ☔ Lunar halo ☾  
Glazed frost ☑ Solar corona ☼  
Glazed roads ☐ Lunar corona ☾

LONDON OBSERVATIONS.	WEATHER.		Max. Temp.		Min. Temp.		Rainfall.		Sunshine to Sunset.		Humidity %		SOUTH KENSINGTON (Meteorological Office).		
	Morning.	Afternoon.	F.	F.	F.	F.	mm.	h.	h.	h.	h.	h.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.		
	24 HOURS ENDED 8h G.M.T. - 8 <sup>th</sup>	24 HOURS ENDED 8h G.M.T. - 8 <sup>th</sup>	24 HOURS ENDED 8h G.M.T. - 8 <sup>th</sup>	24 HOURS ENDED 8h G.M.T. - 8 <sup>th</sup>	24 HOURS ENDED 8h G.M.T. - 8 <sup>th</sup>	24 HOURS ENDED 8h G.M.T. - 8 <sup>th</sup>	24 HOURS ENDED 8h G.M.T. - 8 <sup>th</sup>	24 HOURS ENDED 8h G.M.T. - 8 <sup>th</sup>	24 HOURS ENDED 8h G.M.T. - 8 <sup>th</sup>	24 HOURS ENDED 8h G.M.T. - 8 <sup>th</sup>	24 HOURS ENDED 8h G.M.T. - 8 <sup>th</sup>	24 HOURS ENDED 8h G.M.T. - 8 <sup>th</sup>	Total ... 24.36 ... Joules.		
Greenwich (Royal Observatory)	b, bc, b	bc, c	o, c, o	83	56	50	-	14.6	42	76			Average Rate. 41.2		
City (Bunhill Row) ...	-	-	-	-	-	-	-	-	-	-			Maximum Rate. 79		
Westminster (St. James's Park)	-	-	-	-	-	-	-	-	-	-					
Admiralty Arch	bz	bv	b, bg, bc	81	58	-	-	14.1	47	75					
Camden Sq. (British Rail)	b	b	-	84	57	54	-	12.6	51	68					
Kensington Palace ...	b	b	-	-	-	-	-	-	-	-					
Richmond Park ...	-	-	-	-	-	-	-	-	-	-					

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature rose to about 80° in various parts of England, but owing to the prevalence of sea fog, barely exceeded 60° on the S and SW coasts. Rain fell in many Northern and Western parts of the Kingdom, and the duration of bright sunshine was not generally large except in the Midlands and Eastern and South-Eastern England. Locally in Scotland and on the SW coast of England there was none.

† Air Ministry Station.

\* Information for these columns not usually received.



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

No 21,018.B MONDAY, 9<sup>TH</sup> JUNE....1919

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																													
STATIONS.	13H. G.M.T. OF 8 <sup>TH</sup>															18H. G.M.T. OF 8 <sup>TH</sup>													
	BAROM. at M.S.L.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	BAROM. at M.S.L.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather.	TEMP. °F.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	
	m.b.														m.b.														
Houton B. (Orkney)	1008.3	-1	NE	6	o	53	82	7	5-7000	St-cu	7	A-cu	3	3	1007.4	-8	SSE	7	o	50	92	4	4-5000	St-cu	4	-	-	-	4
Eskdalemuir	1013.4	-2	SSW	6	og	55	68	7	2-3000	Cu	3	Cl-cu	6	*	1011.1	-4	SSW	7	o	52	87	6	4-2000	Nb	10	-	-	-	*
Stranraer	1012.1	-5	S	6	og	55	82	8	1-5000	St	10	-	-	*	1009.4	-4	S	5	og	55	87	6	2-3000	St	7	Cl-cu	3	-	*
Lough Foyle	1006.4	-11	S	10	og	54	97	4	3-4000	St-cu	10	-	-	5	1006.2	-1	SW	9	o	54	87	6	3-4000	Cu	8	-	-	-	5
Valencia (Cahire'n)	1016.7	-2	SSW	6	o	60	82	7	15-2000	St	9	-	-	5	1016.5	+4	WSW	5	b	57	75	8	2-3000	Cu	2	A-cu	1	-	5
Anglesey (Llangefni)	1016.5	-1	SW	7	o	60	75	8	1-1500	Fr-cu	4	Cl	5	5	1014.8	-2	SW	6	o	56	82	6	4-1000	St	10	-	-	-	5
Falmouth	1020.5	-1	SSW	5	bcg	63	75	6	-	Cu	3	Cl	2	*	1020.8	+1	SW	6	bcg	59	97	4	-	St-cu	5	Cl-cu	3	-	5
Calshot (Hants)	1012.0	0	SSW	3	bc	65	87	8	5-7000	Cu	3	A-cu	2	4	1020.5	-1	SW	4	b	60	92	8	-	-	-	Cl	2	5	
Capel (Folkestone)	1020.7	0	SSW	3	ef3	54	97	0	<500	St.	10	-	-	3	1020.6	0	SW	4	c	53	97	4	2-3000	St	5	A-st	2	3	
Aberdeen	1011.6	-1	S	5	bcg	58	55	7	-	Cu	4	Cl-st	4	3	1007.2	-4	S	5	bcg	57	55	7	-	St-cu	6	-	-	-	4
East Fortune	1012.0	-3	S	5	c	64	55	7	5-7000	Cu	2	A-st	6	*	1008.4	-3	S	6	c	58	82	5	3-4000	Cu	2	A-st	6	-	*
Howden	1016.3	-1	SSW	4	og	70	40	5	4-5000	Cu	7	A-cu	2	*	1014.9	-2	SW	4	bc	66	40	6	4-5000	Cu	5	-	-	-	*
Felixstowe	1019.2	-1	SSE	3	c	65	82	6	3-4000	Fr-cu	5	-	-	4	1018.4	0	SSE	3	c	64	82	6	5-7000	St	3	Cl-cu	4	3	
Cranwell (Lines)	1016.7	-2	SW	4	c	71	55	8	2-3000	Cu	4	Cl-st	3	*	1016.4	-1	SW	3	bc	66	55	8	4-5000	St-cu	1	Cl-st	3	-	3
Bedford	1018.2	-2	SW	3	c	69	40	5	5-7000	Fr-cu	1	Fr-cu	7	*	1017.5	0	W	4	bc	68	55	4	7-9000	St-cu	3	A-st	3	-	5
Benson	1018.4	-2	WSW	3	c	74	65	8	-	-	-	-	-	*	1017.9	0	WSW	4	bc	67	55	10	-	Cu	5	-	-	-	5
London (Kew Obs.)	1018.9	-2	SW	4	c	70	55	7	-	Cu	7	-	-	*	1018.6	0	WSW	3	b	74	40	8	-	-	-	Cl-cu	2	-	*
Houton B. (Orkney)	1003.5	+3	SW	7	bc	45	92	6	5-7000	St-cu	3	A-cu	2	?	1006.2	+2	SW	6	bc	48	87	6	5-7000	Cu	5	-	-	-	5
Eskdalemuir	1013.5	+2	WSW	4	bc	47	92	6	2-3000	St	4	-	-	*	1017.6	+4	SW	4	b	47	82	6	-	Fr-cu	2	Cl	1	-	*
Stranraer	1014.7	+5	-	o	b	44	92	6	1-1500	St	2	-	-	*	1018.1	+4	SW	2	b	50	82	7	-	-	-	Cl	1	-	*
Lough Foyle	1018.7	+4	SW	5	bc	52	*	*	*	*	*	*	*	*	1021.0	+1	SW	4	b	54	65	10	2-3000	Fr-cu	1	A-cu	2	-	3
Valencia (Cahire'n)	1017.0	+2	WSW	2	o	51	92	?	2-3000	St	10	-	-	5	1024.1	+4	NW	3	b	59	87	6	-	Cu	3	-	-	-	*
Anglesey (Llangefni)	1021.8	0	SW	5	og	58	92	5	-	St-cu	9	-	-	*	1024.6	+1	SW	4	o	58	98	6	4-2000	St	10	-	-	-	4
Falmouth	1022.6	+2	SW	3	o	56	97	8	15-2000	St	6	A-cu	4	4	1025.1	+3	SW	2	o	54	92	5	1-1500	St	10	-	-	-	1
Calshot (Hants)	1007.2	+3	SE	2	br	44	92	7	5-7000	-	-	-	-	*	1013.0	+3	SSW	3	b	54	65	7	-	Cu	1	-	-	-	2
Capel (Folkestone)	1011.5	+6	SW	4	b	51	82	9	-	-	-	-	-	*	1015.2	+4	SW	4	b	51	87	6	-	-	-	-	-	-	*
Aberdeen	1016.4	+1	SSW	1	of2	57	75	6	3-4000	St-cu	5	-	-	*	1020.1	+3	W	2	c	55	65	5	4-5000	St-cu	8	-	-	-	*
East Fortune	1021.0	+2	SW	3	bc	58	82	7	-	-	-	-	-	4	1023.9	+3	SSW	3	c	59	87	5	-	-	-	A-st	8	4	*
Howden	1018.1	+2	SW	3	b	55	87	7	2-3000	St	3	Cl-cu	1	*	1021.2	+6	NW	3	o	55	92	6	15-2000	St	7	-	-	-	*
Felixstowe	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1022.3	+4	SW	2	z	60	82	3	4-5000	St	5	A-st	4	-	*
Cranwell (Lines)	1021.3	0	SW	3	b	59	*	*	*	*	*	*	*	*	1022.3	+2	SW	3	o	60	82	7	-	St	8	-	-	-	*
Bedford	1021.3	0	SW	3	b	59	*	*	*	*	*	*	*	*	1023.5	+3	SW	4	o	62	75	7	-	St-cu	9	A-st	1	-	*
Benson	1021.3	0	SW	3	b	59	*	*	*	*	*	*	*	*	1023.5	+3	SW	4	o	62	75	7	-	St-cu	9	A-st	1	-	*
London (Kew Obs.)	1021.3	0	SW	3	b	59	*	*	*	*	*	*	*	*	1023.5	+3	SW	4	o	62	75	7	-	St-cu	9	A-st	1	-	*
MO. at Ind.	1021.3	0	SW	3	b	59	*	*	*	*	*	*	*	*	1023.5	+3	SW	4	o	62	75	7	-	St-cu	9	A-st	1	-	*
STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.																													
STATIONS.	BAROM. at M.S.L.	TEMP. °F.	WIND. Direc.	Force 0-12.	Weather.	BAROMETER. at M.S.L.	TEMPERATURE. Change in 24 hours.	WIND. Direc.	Force 0-12.	Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP. Max. °F.	TEMP. Min. °F.	Morning.	Afternoon.	Night.	Sunshine Hours.										
	m.b.					m.b.																							
Lerwick	1006.4	52	SSE	5	om	1005.7	+3	S	5	-	om	4	2	57	50	c	om	om	11-7										
Stornoway	998.3	53	SSW	6	cq	1006.4	+4	S	6	-	bcg	5	12	53	48	cq	cq	2-6											
Castlebay (Barra)	1002.0	50	WSW	6	og	1010.7	+3	WSW	6	W	bc	5	3	54	49	or	r.b.c. or	2-6											
Glasgow	1007.4	56	SSW	5	og	1015.2	+3	SW	4	-	b	*	3	60	45	bc.c.og	og	7-1											
Malin Head	1003.5	54	WSW	5	cq	1013.5	+5	SW	5	SW	bcg	5	5	57	48	cq	cq	3-7											
Blacksod Point	1007.7	52	WSW	6	bcg	1014.9	+2	WSW	3	W	bc	6	7	60	46	om	om	*											
Roches Point	1015.1	56	W	4	ofd	1021.3	+3	WSW	2	-	b	2	1	60	47	bc. or o	om.c. or	*											
Birr Castle	1012.3	56	W	2	c	1019.8	*	S	1	SW	c	*	3	?	?	c	op	4-5											
Donaghadee	1008.3	57	SW	5	cgm	1017.1	+4	SW	4	W	b	3	2	59	46	bcg.og	bc. om	*											
Liverpool (Bidston)	1014.9	64	SW	4	o	1020.8	+4	W	3	-	b	3	5	66	50	bc	c.o.	7-7											
Holyhead	1014.1	55	SSW	6	og	1020.4	+3	SW	4	-	bz	3	-	60	48	b.b.c.	c.og	7-7											
Pembroke (St. Ann's Head)	1017.8	55	SSW	4	o	1023.1	+5	W	1	-	b	3	1	57	51	bc.c.	c.o.	6-0											
Scilly (St. Mary's)	1021.0	58	WSW	4	bc	1024.9	+3	NW	1	SW	bc	3	0.3	62	52	bc	bc	6-5											
Jersey (St. Aubin)	1023.4	61	W	2	b	1026.2	0	SW	2	-	o	1	-	65	53	o.b.	b	3-8											
Portland Bill	1020.5	58	SSW	4	bc	1022.8	+3	WSW	5	-	om	4	-	62	53	o.b.c.	bc	*											
Dunegness	1020.2	56	SW	4	bc	1024.2	+3	SW	4	SW	c	3	-	63	53	of	g.c.	*											
Wick	1001.8	55	SSW	4	og	1008.4	+3	SSW	4	-	bc	3	0.2	57	44	bc.o.	og	*											
Nairn	1002.7	52	SW	5	bc	1008.8	*	SW	5	-	bcg	4	1	65	54	bcg	deg. op	8-8											
Leith	1008.0	59	SSW	4	c	1015.1	+2	SW	3	-	b	2	0.1	65	47	b.b.c.	bcg	*											
Tynemouth	1012.6	62	WSW	4	om	1017.7	+5	WSW	4	-	bcg	2	-	66	50	bc	om	*											
Spurn Head	1015.9	68	WSW	3	bc	1021.0	+2	WSW	3	-	o	3	-	73	52	c	bc	9-6											
Yarmouth (Gorleston)	1016.8	60	S	5	bc	1022.2	+2	SW	3	-	b	3	-	67	57	bc	bc	10-9											
Clacton-on-Sea	1018.0	66	SSE	3	bc	1023.4	+3	SW	4	SW	c.z	3	-	67	56	c.bcz.	bcz.	13-1											
Nottingham	1016.4	66	W	5	b	1021.4	*	WSW	2	W	op	*	1	70	53	b.b.c.	bc.b.	11-8											

† Air Ministry Station.

\* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars.

§ Longside † at 1h.



# SUMMARY OF CONDITIONS AT 7 A.M. Monday, 9th June 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW 10-20	Rather warm	Much low cloud; mist locally.	Good	Slight
2. E. England	SW-W 5-10		Variable cloud	Ordinary	"
3. E. Midlands	SW 10	Moderate	Overcast. Local haze	Variable	-
4. W. Midlands	SW 10	Rather warm	Overcast	V. good	-
5. S.W. England	W-NW up to 20		Variable cloud, mist at Weymouth	V. good	Slight
6. South Wales	W 2	Moderate	Fine	-	"
7. North Wales	SW 15	"	Fine, local haze	-	"
8. N.W. England	W 10	"	Fine	-	"
9. N. Midlands	WSW 5	"	Overcast; showers at Nottingham	-	-
10. N.E. England	WSW 10-15	"	Fair, mist & squalls at Tynemouth	Ordinary	Slight
11. E. Scotland	S-SW 10-20	Moderate	Fine	V. good	Smooth
12. S.W. Scotland	SW 5-15	"	Fine	"	Slight
13. Isle of Man	"	"	"	"	"
14. N. & N.W. Scotland	SW 15-20	"	Fair generally; local squalls	"	"
15. Hebrides	WSW 20-28	"	Fair; squally in north	"	Rather rough
16. Orkneys and Shetlands	S-SW 20	"	Variable cloud; mist at Shetlands	Good	Moderate
17. N.W. Ireland	W 28	"	Fair; squally	-	Rough
18. N.E. Ireland	SW 10-15	"	Fair or fine; squally in north	Ordinary	Moderate
19. S.E. Ireland	Light variable	"	Cloudy	-	-
20. S.W. Ireland	SW-WSW 5-15	"	Fine	Exceptionally good	Slight

GENERAL INFERENCE from observations received up to 7h G.M.T.

The general wind current will remain between South West and West. Except for passing showers in the West and North fair weather may be anticipated in all localities.

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

Further Outlook.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Monday, 9th June 1919
1. S.E. England	Moderate SW-W winds; fair generally. Rather 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	Moderate to strong SW-W winds, fair generally but local showers. Rather warm.
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	

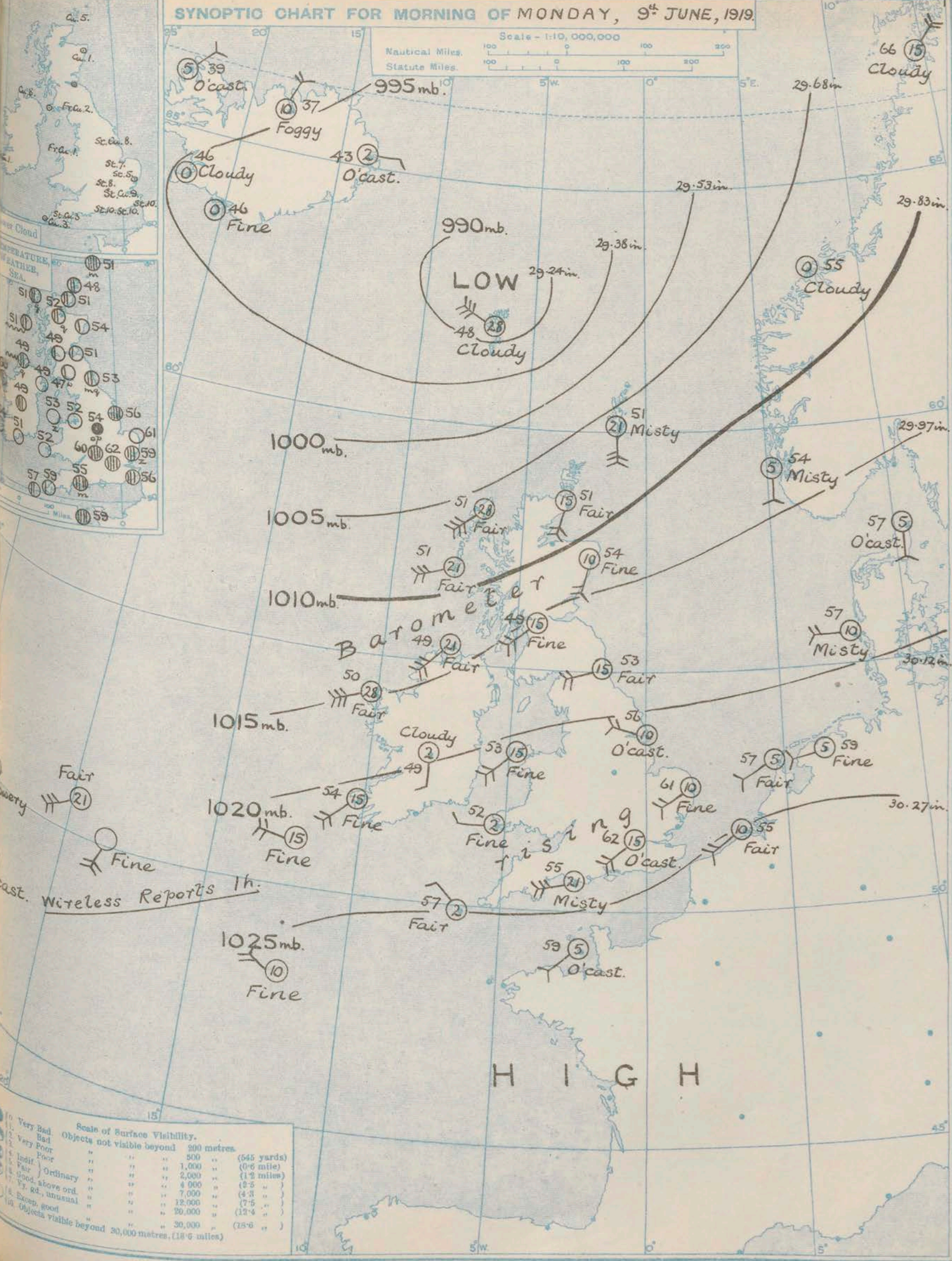
Winds will probably remain in the South-West quadrant, weather being mainly fair or fine, but with local showers in the West and North.



# SYNOPTIC CHART FOR MORNING OF MONDAY, 9<sup>th</sup> JUNE, 1919.

Nautical Miles.  
Statute Miles.

Scale - 1:10,000,000





# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 160. B

MONDAY  
9TH JUNE

WEATHER, 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.								
Banff ...	b. bc.	b. bc.	63	49	0.3	-	7.9	7.8	Southport ...	bc.	bc. c. o. c.	66	54	-	-	8.5	9.6
Montrose ...																	
St. Andrews ...																	
England, N.E.									Midlands.								
Harrogate ...	b.	b. bc.	68	50	-	-	10.7	12.0	Buxton ...								
Skegness ...									Leamington Spa ...								
									Malvern ...	bc. b.	by. bc. b.	68	51	-	-	8.6	12.0
									Ross-on-Wye ...								
England, E.									Wales.								
Felixstowe ...	bc. m.	bc. m.	66	57	-	-	8.8	14.0	Rhyl ...	bc.	c.	69	49	-	-	7.2	10.2
Walton-on-Naze ...									Colwyn Bay ...	-	-	65	52	-	-	9.4	
Southend-on-Sea ...									Llandudno ...	b.	c. b.	66	54	-	-	6.3	
									Aberystwyth ...								
England, S.E.									England, S.W.								
Brighton ...	-	-	60	52	-	-	2.3	?	Teignmouth ...	b.	b.	67	53	-	-	11.0	?
Margate ...									Weymouth ...								
Ramsgate ...			70	55	-	-	8.9	13.2	Torquay ...	b.	b.	65	53	-	-	11.1	?
Hastings ...	a. bc.	b. bc.	61	53	-	-	5.9	3.7	Penzance ...	c.	bc.	63	51	-	-	8.0	0.0
Eastbourne ...	bc. m.	c. bc. b.	62	54	-	-	6.4	5.4	Newquay ...	b.	b.	64	50	-	-	6.7	
Worthing ...	c.	bc.	64	54	-	-	4.6	1.0	Weston-s-Mare ...								
Littlehampton ...	-	-	62	57	-	-	5.6	?									
Bournemouth ...	-	-	67	52	-	-	7.2	3.4									

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours.		No.	Limits of Velocity.	
	7h-13h.	13h-18h.	18h-24h.	1h-7h.				Day. 7h-18h.	Night. 18h-7h.				Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)...	c. ov.	c. r.	b. bc. q.	bc. c. q.	60	45	*	*	*	*	b	0	Less than 1	Less than 0.3-1.5
Eskdalemuir ...	bc. cy. o.	cy. o. m.	r. c. o.	bc. b. w.	57	40	38	trace	2	7.1	d	1	1-3	1.6-3.3
†Stranraer ...	c. q.	o. q.	b. bc.	b. bc.	63	42	*	*	*	*	e	2	4-7	5.4-5.4
†Lough Foyle ...	h. o. v.	h. o.	h. o.	h. o.	62	46	*	*	*	*	f	3	8-12	5.6-7.9
Valencia (Cahirciveen) ...	c. o. v. c. o.	o. r. v. c.	c. bc. b.	c. bc. b.	60	48	44	2	-	4.0	h	4	13-18	8.0-10.7
†Anglesey (Llangefni) ...	o. m. q.	o. q.	o. r.	o. q.	64	54	52	*	*	*	m	5	19-24	10.8-13.8
Falmouth ...	bc. c. bc.	bc. bc. z.	cy. o. q.	o. q. p. o.	64	54	52	-	1	9.3	o	6	25-31	13.9-17.1
†Calshot (Hants) ...	c.	b. bc. c. o.	co.	o.	68	55	*	*	*	*	p	7	32-38	17.2-20.7
†Capel (Folkestone) ...	o. f. z.	a. o. f. z.	co.	-	65	49	*	*	*	*	q	8	39-46	20.8-24.4
Aberdeen ...	b. bc. q.	c. bc. q.	bc. b.	bc. b.	63	46	36	-	-	9.9	r	9	47-54	24.5-28.4
†East Fortune ...	bc. c.	c. o. q.	q. r.	q. b. bc.	80	48	*	*	*	*	rs	10	55-63	28.5-33.5
†Howden ...	c. o. q.	bc. c. q.	c. o.	q. c. o.	82	51	*	*	*	*	s	11	64-75	33.6 or above
†Felixstowe ...	bc. c.	b. bc. z.	b. bc. z.	bc. c.	70	56	*	*	*	*	s	12	Above 75	33.6 or above
†Cranwell (Lincs) ...	c. o. bc. c.	bc. c.	c. o. bc. c.	b. bc. c.	72	53	*	*	*	*	t			
†Bedford ...	bc. c.	b. bc. z.	c. o.	c. o.	81	53	*	*	*	*	u			
Benson ...	bc.	bc.	*	*	74	52	41	-	-	*	u			
London (Kew Obsy.) ...	c. o.	c. bc. b.	b. bc. o.	b. bc. o.	74	56	51	-	-	7.5	v			

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

bc sky partly cloudy (one half covered).

c generally cloudy (three quarters covered).

d drizzle, or fine rain.

e wet air without rain falling.

f fog, g gloom.

h hail, i lightning.

m mist.

o overcast sky.

p passing showers.

q squalls.

r rain.

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

s snow.

t thunder.

u ugly, threatening sky.

v unusual visibility.

w dew.

x hoar frost.

y dry air; humidity less than 60 per cent.

z dust haze; the turbid atmosphere of dry weather.

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

**SYMBOLS—**

Aurora    ☼ Solar halo

Rime    ☼ Lunar halo

Glazed frost    ☼ Solar corona

Glazed roads &c    ☼ Lunar corona

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.		9 <sup>TH</sup> APR. 19 <sup>TH</sup> JUNE. 1919.			
	24 HOURS ENDED 9 <sup>TH</sup> G.M.T.							YESTERDAY.	TO-DAY.				Stations.	Sunrise.	Noon.
Greenwich (Royal Observatory)	c	c. b	c	77	54	47	-	8.1	48	66	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Yarmouth... { 3.33 3.32 11.52 11.52 8.12 8.12			
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	*			Total .... 1933 ..... Joules. Milliwatts.		
Westminster (St. James's Park)	*	*	*	*	*	*	*	*	*	*	Average Rate. 32.7 Maximum Rate. 91	Greenwich { 3.46 11.59 8.12 8.13			
(Admiralty Arch)	om	bcv	b. bc.	76	59	*	-	7.9	61	77			Wick ... { 3.9 3.9 12.11 12.40 8.57		
Camden Sq. (British Rainfall)	*	*	*	78	54	51	-	8.5	*	68	Valencia ... { 4.24 4.23 12.40 12.40 8.57				
Kensington Palace ...	bc	bc	*	73	61	50	-	*	45 (18h)	67					
Richmond Park ...	*	*	*	*	*	*	*	*	*	*					

## NOTES ON THE WEATHER OF YESTERDAY.

Weather continued fine over the greater part of England but precipitation - generally in small amounts - occurred in Scotland, Ireland and NW England, 12 mm. being measured at Stornoway. Sunshine was again prolific in the South and East 13 hours being recorded at Clacton. Temperature rose to above 80° at East Fortune, Howden and Bedford.

† Air Ministry Station.

\* Information for these columns not usually received.





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

No. 2109 B ..... TUESDAY, 10<sup>th</sup> JUNE ..... 1919.

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

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 19h.																												
STATIONS.	BAROM.	†	WIND.		Weather.	TEMP.	Humidity.	Visibility.	Height	Low Cloud		Upper Cloud	Sea.	BAROM.	†	WIND.		Weather.	TEMP.	Humidity.	Visibility.	Height	Low Cloud		Upper Cloud	Sea.		
	at	Change		Force		°F.	%	0-10.	of Low	Form.	Amt.	Form.	Amt.	0-9.	at	Change			Force	°F.	%	0-10.	of Low	Form.	Amt.	Form.	Amt.	0-9.
	M.S.L.	in 3	Dir.	0-12.					Cloud	0-10.		0-10.			M.S.L.	in 3	Dir.		0-12.					Cloud	0-10.			
13H. G.M.T. OF 9 <sup>h</sup>														19H. G.M.T. OF 9 <sup>h</sup>														
Houton B. (Orkney)	1010.5	+4	WSW	8	C	54	79	6	4-5000	Cu	7	-	-	5	1014.3	+3	W	5	C	54	75	7	4-5000	Cu	8	-	-	5
Eskdalemuir	1019.5	+2	SW	6	bc	55	69	7	-	Cu	6	-	-	*	1021.4	+2	SW	5	ro	52	75	5	2-3000	St.	-	-	-	*
Stranraer	1019.6	0	SSW	5	q	59	69	3	3-4000	StCu	2	A.Cu	-	*	1021.6	+1	W	1	C	54	75	8	2-3000	Cu	7	A.Cu	1	*
Lough Foyle	1016.8	0	SSW	9	q	53	97	4	2-1000	Nb.	-	-	-	4	1020.6	+5	SW	7	q	49	92	5	4-5000	Cu	8	A.Cu	2	4
Valencia (Cahire'n)	1023.1	+2	SSW	5	C	60	77	8	3-4000	Cu	4	St.	3	4	1025.3	+14	SW	4	C	57	75	8	3-4000	Cu	5	A.Cu	2	4
Anglesey (Llangefnog)	1023.2	+1	WSW	4	b	58	57	7	3-4000	F.Cu	2	A.St.	1	4	1024.6	+1	WSW	5	b	57	75	7	2-3000	StCu	1	A.St.	1	5
Falmouth	1026.6	+1	WSW	3	bc	64	57	6	-	S.Cu	3	Ci	3	*	1028.6	+3	WSW	4	bc	62	55	6	-	-	-	-	1	*
Calshot (Hants)	1026.5	+2	SW	3	o	62	92	6	2-1000	St.	-	-	-	4	1027.9	+2	SW	3	o	60	92	7	3-4000	StCu	-	-	-	4
Capel (Folkestone)	1027.1	+2	WSW	3	o	60	87	5	1-1500	StCu	-	-	-	2	1027.6	+1	SW	3	cf	55	97	0	500	St.	-	-	-	3
Aberdeen	1015.2	+2	SW	5	bc	61	40	8	-	Cu	6	-	-	3	1017.1	+2	SW	4	C	58	45	7	-	S.Cu	7	-	-	3
East Fortune	1017.8	+0	SSW	4	V	62	45	8	2-3000	F.Cu	5	-	-	*	1020.5	+4	SSW	3	ro	53	87	7	1-1500	Nb.	-	-	-	*
Howden	1022.7	+3	WSW	3	bc	64	45	5	3-4000	StCu	4	Ci	2	*	1023.8	+2	W	1	bc	62	55	5	3-4000	F.Cu	3	A.St.	2	*
Felixstowe	1025.1	+1	S	4	o	68	65	6	3-4000	S.Cu	6	-	-	4	1025.8	+1	S	3	b	66	85	6	4-5000	F.Cu	2	Ci.St.	1	4
Cranwell (Lines)	1023.1	+1	SW	2	bc	66	55	7	2-3000	Cu	4	Ci.St.	2	*	1023.7	+1	WNW	3	bc	65	45	8	5-7000	F.Cu	1	Ci.St.	3	*
Bedford	1023.7	+1	WSW	2	bc	68	65	5	5-7000	Cu	5	-	-	*	1025.0	+1	WSW	3	b	66	45	5	7-9000	P.Cu	1	Ci	3	*
Benson	1024.2	0	SW	3	b	71	55	8	-	-	-	-	-	*	1026.0	+2	WSW	2	b	67	45	8	-	-	-	-	3	*
London (New Ob.)	1024.5	0	SSW	3	bc	71	55	7	-	Cu	6	-	-	*	1026.0	+2	W	3	bc	71	45	8	-	Cu	2	Ci	2	*
1H. G.M.T. OF 10 <sup>h</sup>														7H. G.M.T. OF 10 <sup>h</sup>														
Houton B. (Orkney)	1018.5	+4	WSW	5	bc	46	92	6	3-4000	StCu	1	A.St.	3	4	1021.9	+3	WSW	6	bc	48	87	6	3-4000	Cu	3	Ci.St.	2	4
Eskdalemuir	1024.9	+3	SW	4	b	46	92	0	-	St.	1	-	-	*	1030.0	+5	SW	3	bw	49	75	8	-	F.Cu	3	-	-	*
Stranraer	1022.6		WSW	2	bc	?	92	6	-	-	-	-	-	*	1030.1	+6	WSW	2	b	51	87	8	3-4000	Cu	1	-	-	*
Lough Foyle														*	1029.6	+4	SW	6	C	51	92	7	2-3000	StCu	5	Ci	2	4
Valencia (Cahire'n)	1029.5	+2	WNW	2	bc	53	*	*	*	*	*	*	*	*	1030.5	+2	SSE	3	o	55	82	8	15-2000	P.Cu	3	A.Cu	7	3
Anglesey (Llangefnog)	1028.1	+4	W	1	b	50	92	-	-	-	-	A.St.	1	5	1031.4	+4	SSW	1	b	54	87	8	2-3000	P.Cu	2	Ci	1	3
Falmouth	1031.0	+1	-	-	o	57	87	5	-	StCu	-	-	-	*	1033.6	+3	NE	1	bz	61	92	5	-	Cu	1	-	-	*
Calshot (Hants)	1030.6	+3	WNW	1	b	55	97	7	-	-	-	-	-	3	1034.2	+4	-	o	58	82	7	-	-	-	-	-	1	
Capel (Folkestone)														*	1033.6	+5	N	2	b	57	75	6	-	-	-	-	-	1
Aberdeen	1020.8	+1	SW	2	b	45	77	6	3-4000	StCu	2	-	-	*	1026.3	+4	S	3	b	55	55	8	-	-	-	-	-	2
East Fortune	1024.2	+5	SSW	2	bc	49	87	-	4-5000	StCu	4	-	-	*	1028.5	+4	SSW	3	b	53	75	6	3-4000	StCu	4	-	-	*
Howden	1027.8	+4	WSW	1	bc	52	77	4	4-5000	St.	4	-	-	*	1031.1	+3	SW	3	b	56	75	6	4-5000	Cu	1	-	-	*
Felixstowe	1030.1	+4	WNW	1	b	56	77	-	-	-	-	-	-	4	1033.7	+5	W	1	b	58	75	6	-	-	-	-	-	3
Cranwell (Lines)	1028.6	+4	W	1	bc	49	77	5	2-2000	St.	3	-	-	*	1032.6	+5	WNW	3	b	56	82	6	1-3000	St.	2	Ci	1	*
Bedford														*	1033.0	+5	WNW	2	b	57	75	-	4-5000	-	-	Ci.St.	1	*
Benson														*	1033.0	+6	-	o	55	87	4	-	-	-	-	Ci	2	*
London (New Ob.)	1029.8	+4	W	3	b	57	*	*	*	*	*	*	*	*	1034.0	+4	NW	1	b	57	75	6	-	-	-	-	-	*

STATIONS CONTRIBUTING REPORTS AT 7H AND 15H.

STATIONS.	BAROM. at M.S.L. m. b.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.
			Direc.	Force 0-12.		at M.S.L. m. b.	Change in 2 hours.	Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	
15H. G.M.T. of 9						7H. G.M.T. of 10						24 HOURS ENDED 7H. 10						9			
Lerwick	1015.1	52	SW	7	C	1020.6	+5	51	0	WSW	4	W	cmq	4	-	54	49	om	cmq	cmq	*
Stornoway	1014.5	53	W	6	C	1022.4	+4	52	+1	SW	5	-	bcpg	4	3	57	47	bcpg	cpq	cbcpq	10.3
Castlebay (Barra Is)	1017.1	46	SW	4	C	1025.4	+3	52	+1	SW	4	-	o	4	2	53	47	bcpg	op. bc	c. bc. o	7.8
Glasgow	1020.3	51	SW	3	C	1028.4	+6	51	+2	W	4	W	c	*	3	58	46	b. bcq	cq. op. c	c. bcq	3.4
Main Head	1018.6	52	WSW	5	bc	1028.1	+4	49	0	SSW	2	S	bcp	3	3	55	48	cp p	bcq p	bc	9.4
Blacksod Point	1020.3	52	SW	5	cmq p	?	+3	52	+2	SSW	3	-	bcz	3	2	57	47	cm p	bc m p	cm p. b	*
Roche's Point	1025.9	59	SW	4	bc	1031.9	+2	53	+2	ESE	1	W	bc	2	0.3	61	48	b. bc p. c	c. bc	bc. b. bc	*
Birr Castle	1024.2	56	W	2	C	1031.5	*	53	+4	S	1	S	bc	*	-	61	44	c	c	bc	?
Donaghadee	1020.8	57	W	4	bc	1029.5	+4	51	+2	SW	2	-	bm	1	1	63	44	bcgm	bc m q	bc q p	*
Liverpool (Bidston)	1024.4	61	SW	5	b	1032.4	+3	55	+3	W	2	-	b	2	-	63	51	b	b	bc. b	14.1
Holyhead	1024.0	61	SSW	5	bc	1031.8	+2	55	+2	SW	3	-	bz	1	0.1	59	48	bz	b. bc. c	cp. bc. b	11.8
Pembroke (St. Ann's Head)	1027.5	56	WSW	3	b	1032.8	+4	55	+3	SW	1	-	bz	3	-	58	52	b. bc	bc	b	13.6
Scilly (St. Mary's)	1028.4	60	WSW	1	bc	1032.4	+2	60	+3	E	1	SW	bc	3	-	63	52	bc	bc	cm. bc	6.3
Jersey (St. Aubin)	1029.6	61	SW	2	C	1033.7	0	58	-1	WSW	1	-	ow	1	-	65	55	og	og. a. c	om. bw. c	0.3
Portland Bill	1027.2	57	WSW	4	b	1033.8	+3	58	+3	W	1	-	b	2	-	62	50	f. bc	bc	bc	*
Dunegness	1026.9	56	SW	4	f	1033.3	+5	59	+3	WNW	2	-	b	1	-	62	48	c. o	of	f. o. b.	*
Wick	1014.8	54	SW	3	o	1023.3	+4	52	+1	WSW	3	-	bc.	2	1	60	44	rc. cq	cq. o	o. cp. bc	*
Nairn	1015.9	54	SW	3	bc	1024.3	*	54	+2	WSW	3	-	bcq	2	-	60	45	bcq	bcq. c	bc	11.6
Leith	1019.8	53	WSW	4	bc	1028.0	+2	52	+1	WSW	3	SW	bc	2	6	63	47	b. bc. b	bc. q p	re. bc	*
Tynemouth	1021.3	62	WSW	4	b	1029.6	+4	53	0	W	2	-	bm	2	1	65	49	bc m	bm	bcq. cm p	*
Spurn Head	1014.1	65	WSW	3	bc	1030.9	+3	54	-2	WNW	4	-	bcq	3	-	68	50	bc	bc	bc	3.6
Yarmouth (Clacton)	1023.6	62	NE	3	bc	1031.9	+5	55	-6	NE	3	-	b	3	-	74	50	bc	bc	bc. b	11.5
Clacton-on-Sea	1025.1	65	SSW	5	bc	1033.0	+5	58	-1	WNW	3	-	b	2	-	67	50	c. bc. cz	c. bc. z	bc. z. y. b	9.0
Nottingham	1024.8	65	WNW	4	bc	1033.5	*	56	+2	W	3	-	b	*	-	69	47	o. c. bc	bc. h	bc. h	11.4



# SUMMARY OF CONDITIONS AT 7 A.M. Tuesday, 10th June, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	W-N. up to 10	Moderate	Fine	Good	Smooth
2. E. England	W-WNW. 5-10	"	"	"	"
3. E. Midlands	W. 5-10	"	"	"	"
4. W. Midlands	Calm	"	"	Ord.	"
5. S.W. England	Light variable	Rather warm	Fine or fair, local haze	"	Smooth
6. South Wales	SW. 2	Moderate	Fine, hazy.	"	Slight
7. North Wales	SW-SSW. 2-10	"	Fine, local haze.	Var.	Smooth
8. N.W. England	W. 5	"	Fine	"	"
9. N. Midlands	W. 10	"	Fine	"	"
10. N.E. England	W-SW. 5-15	"	Fine or fair, squally at Spurn	Good	Slight
11. E. Scotland	S-SW. 10-15	"	Fine	Ex. good	Smooth
12. S.W. Scotland	W-SW. 5-15	"	Variable cloud.	"	"
13. Isle of Man	"	"	"	"	"
14. N. & N.W. Scotland	W. 10	"	Fair.	"	"
15. Hebrides	SW. 15-20	"	Variable cloud, showery in north.	"	Mod.
16. Orkneys and Shetlands	SW-W. 15-35	"	Fair or cloudy local mist & squalls.	Good	"
17. N.W. Ireland	SSW. 10	"	Fair, hazy.	"	Slight
18. N.E. Ireland	SSW-SW. 5	"	Fair or fine, showery in north.	"	"
19. S.E. Ireland	S. 2	"	Fair	"	"
20. S.W. Ireland	E-SSE. 2-10	"	Variable cloud.	V. good	Slight

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

The barometer continues to rise steadily and an anticyclone covering the Bay of Biscay is extending northward over the British Isles. Except for local showers in the north weather will continue fair or fine generally.

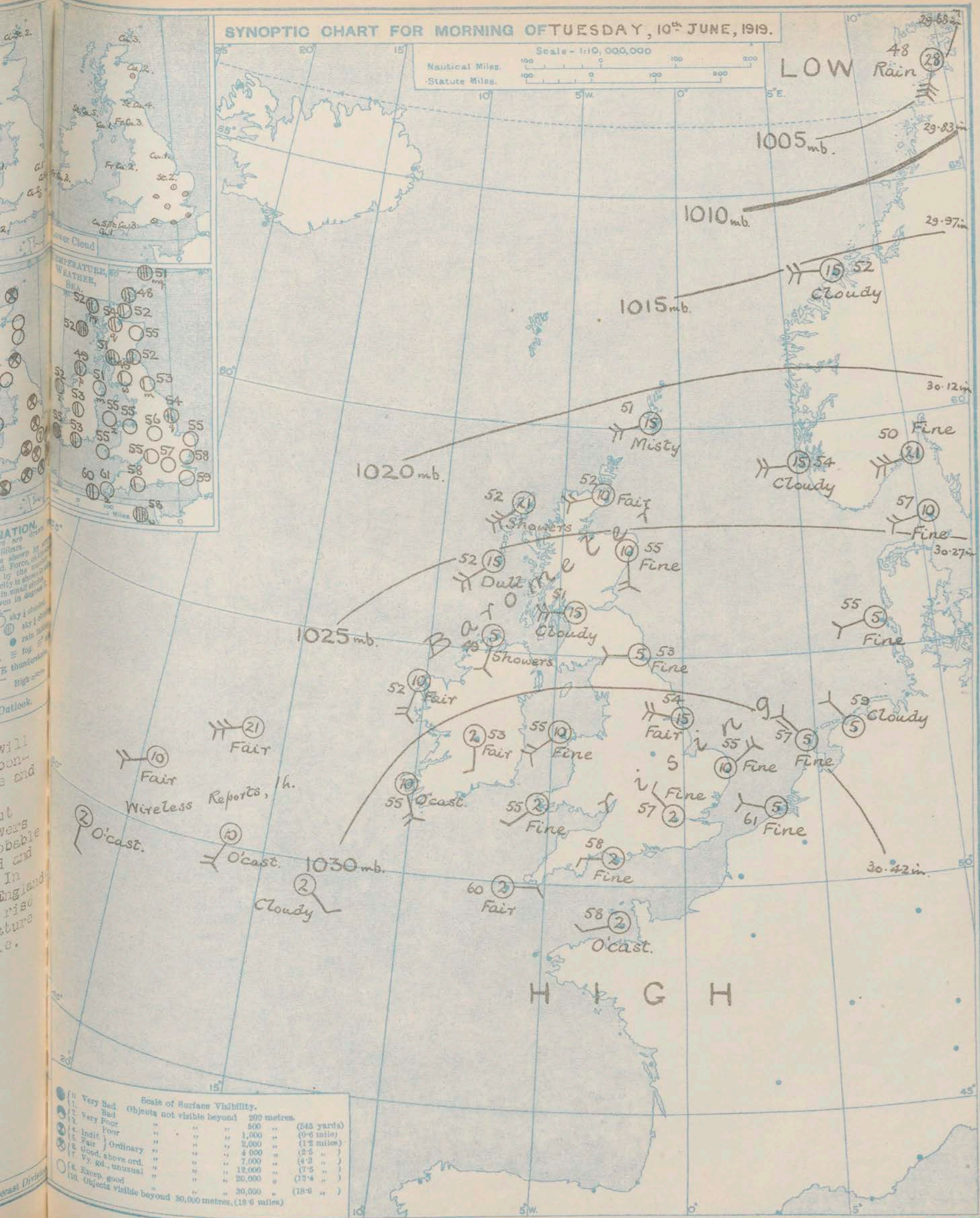
**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of five millibars.  
**WIND.**—Direction is shown by arrow flying with the wind. Force, in knots, 0-12, is indicated by the number of feathers. Mean velocity is shown in per hour by figures in small circles.  
**TEMPERATURE.**—Mean temperature in degrees Fahrenheit.  
**WEATHER SYMBOLS.**—  
 ☉ clear sky. ☁ sky & clouds. ☂ sky & rain. ☄ overcast sky. ☀ sun. ☁☀ sun & clouds. \* snow. ▲ hail. ☄☀ sun & rain. T thunder. R thunder & rain. SEA DISTURBANCE.—High & rough.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Tuesday, 10th June, 1919
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England	Light Westerly or variable winds. Fair or fine generally. Warm.
11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Light Wly. winds. Fair but local showers. Rather warm.
14. N. & N.W. Scotland 15. Hebrides 16. Orkneys and Shetlands	Moderate to fresh winds between SW. and W. Fair but local showers. Rather warm.
17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Light to moderate winds mainly from S. to SW. Fair but local showers. Rather warm.

**Further Outlook.**  
 Weather will probably continue fine and dry over England but local showers remain probable in Ireland and Scotland. In Southern England a further rise of temperature is probable.



SYNOPTIC CHART FOR MORNING OF TUESDAY, 10<sup>th</sup> JUNE, 1919.



Scale of Surface Visibility.			
	Objects not visible beyond	200 metres.	
1. Very Bad	"	500	(548 yards)
2. Bad	"	1,000	(0.6 mile)
3. Very Poor	"	2,000	(1.2 miles)
4. Poor	"	4,000	(2.5 "
5. Indit.	"	7,000	(4.3 "
6. Fair	"	12,000	(7.5 "
7. Good, above ord.	"	20,000	(12.4 "
8. V. gd., unusual	"	30,000	(18.0 "
9. Excep. good	"	30,000	(18.0 "
10. Objects visible beyond	30,000 metres,	(18.6 miles)	



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 161. B

Tuesday  
10<sup>th</sup> JUNE 1919

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR JUNE 9<sup>th</sup>

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-17h.	Day. 17h-17h.	to 17h. 9h.	Sunrise to Sunset. 8h.		Forenoon.	Afternoon.	Max. F.	Min. F.	Night. 17h-17h.	Day. 17h-17h.	to 17h. 9h.	Sunrise to Sunset. 8h.
Scotland									Southport								
Banff ...	b	bc	61	46	1	-	9.3	8.1	Douglas			56	45	1	-	11.3	?
Montrose ...	-	-	62	45	1	-	0.9	-									
St. Andrews ...	-	-	62	46	0.2	-	10.7	-									
Oban	-	-	54	46	9	4	6.9	-									
England, N.E.									Midlands.								
Harrogate ...	b	b	67	48	1	-	10.4	11.4	Buxton								
Skegness ...									Leamington Spa...	bc.b	b	67	54	1	-	9.0	?
									Malvern	b.be	bcy	71	55	-	-	10.0	9.5
									Ross-on-Wye								
England, E.									Wales.								
Felixstowe ...	bc	bc	70	56	-	-	6.7	10.6	Rhyl	bc	c	62	50	3	-	11.0	7.2
Walton-on-Naze...									Colwyn Bay	-	-	62	50	1	-	11.5	9.4
Southend-on-Sea...	om.ac	bc.b	71	56	-	-	6.0	?	Llandudno	b	b	61	51	1	-	11.8	6.3
									Aberystwyth	b.b	bc	60	55	-	-	11.5	
England, S.E.									England, S.W.								
Brighton	-	-	59	55	-	-	-	7.2	Teignmouth	b	b	71	58	-	-	8.0	12.3
Margate ...									Weymouth								
Ramsgate ...	bc	b	68	50	-	-	0.6	9.8	Torquay								
Hastings ...	o	obco	60	53	-	-	1.0	8.3	Penzance								
Eastbourne ...	bc	om	63	53	-	-	0.9	6.4	Newquay	b	b	63	53	1	-	9.8	6.7
Worthing ...	b	b	62	55	-	-	0.4	7.2	Weston-s-Mare	b	b	-	-	-	-	10.0	?
Littlehampton ...	o	obe	62	55	-	-	0.6	8.1									
Bournemouth	-	-	68	55	-	-	5.0	8.2									

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUN.	
	7h-13h. 9h.	13h-18h. 9h.	18h-9h. 10h.	1h-7h. 10h.	Max. Temp. F.	Min. Temp. F.	Min. on Grass F.	Sun. Hours.
†Houton Bay (Orkney)...	c.o	c.o	c.o.p.	bc.cq	56	43	*	*
†Eskdalemuir ...	b.w.bc	corm	b.bc	b.bw	56	40	37	10.2
†Stranraer ...	q.bbc	p.bcc	-	b.bc	60	42	*	*
†Lough Foyle ...	p.q	-	c.oq	-	56	48	*	*
Valencia (Cahirciveen) ...	b.bcc	bcc	bc.b. b.	-	61	47	43	10.1
†Anglesey (Llangefni) ...	b.bcc.g	-	bcc	b.bc	61	44	*	*
Falmouth ...	byvcy	-	bcc	bcz	65	52	43	10.2
†Calshot (Hants) ...	om	bcc	bcc	b.	66	48	*	*
†Capel (Folkestone)...	b.c	o.ef.	-	-	60	49	*	*
Aberdeen ...	b.bcc.g	b.bcc.g	bc.b	-	65	43	33	11.2
†East Fortune ...	bcc.v	q.r	b.bcc	b.bc	63	48	*	*
†Howden ...	bcc.z	bcc.z	b.bcc	b.bc	70	45	*	*
†Felixstowe ...	bcc	b.bcc.z	bcc.z	b.bcc	70	53	*	*
†Cranwell (Lincs) ...	o.bcc	bcc	b.bcc	b.bcc	70	46	*	*
†Bedford ...	c.bcc	-	b.bcc	b.c.z.	73	44	*	*
Benson ...	-	or.bcc	*	b.z.	72	40	29	*
London (Kew Obsy.)	o.b.bcc	bcy	bcy.b	-	73	50	35	8.3

## BEAUFORT NOTATION.

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

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.8
1	1-3	0.8-1.5
2	4-7	1.6-3.3
3	8-12	3.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.1
11	64-75	28.2-33.6
12	Above 75	33.7 or above

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

## SYMBOLS—

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

LONDON OBSERVATIONS.	WEATHER.			Max. Temp.	Min. Temp.	Min. on Grass	Rain-fall.	Sun-shine to Sunset.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning	Afternoon.	Night.	* F.	* F.	* F.	mm.	Hours.	15 h. G.M.T.	9 h. G.M.T.		Stations.	Sunrise.	Noon.	Sunset.
	24 HOURS ENDED 9H G.M.T. 10 <sup>th</sup> .....							YESTERDAY.	TO-DAY.	10 <sup>th</sup> 2 <sup>nd</sup> 11 <sup>th</sup> JUNE 1912.					
Greenwich (Royal Observatory)	c	bc	bc. b	76	48	33	—	10.6	52	56.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Yarmouth...	332	11.52	8.12
City (Bunhill Row) ...	*	*	*	*	*	*	*	9.0	*	*			G.M.T. G.M.T.	332	11.52
Westminster (St. James's Park)	*	*	*	73	50	48	—	8.5	69	69	Total ... 123.0 ..... Joules.	Greenwich	345	11.59	8.18
Admiralty Arch	c. bz	bc	b	74	53	*	—	9.7	65	63			345	11.59	8.18
Camden Sq. (British Rainfall)	*	*	*	79	49	46	—	8.4	*	58	Average Rate. 32.6	Wick	3.9	12.11	9.44
Kensington Palace ...	bc	bc	*	73	54*	39	—	*	56 (98)	60			3.8	12.11	9.37
Richmond Park ..	*	*	*	*	*	*	*	*	*	*	Maximum Rate. 88	Valencia ...	4.23	13.40	9.59
													4.23	13.40	

## NOTES ON THE WEATHER OF YESTERDAY.

Except for local showers, mainly in the west and north, fair or fine weather was experienced in all parts of the British Isles. Good sunshine records were obtained in nearly all localities, more than 14 hours being enjoyed at Liverpool. Temperature was above 70° at

most inland stations the highest reported reading being 79° at London (Camden Square).

† Air Ministry Station.

\* Information for these columns not usually received.



esday  
11<sup>th</sup> 1919



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

No. 2220, B ..... 11<sup>th</sup> JUNE (Wednesday) ..... 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																														
STATIONS.	BAROM.	↓	WIND.		Weather.	TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea	BAROM.	↓	WIND.		Weather.	TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea		
	at M.S.L.	Change in 3 hours.	Dir.	Force 0-12.		°F.				Form.	Amt. 0-10.	Form.	Amt. 0-10.		0-9.	at M.S.L.	Change in 3 hours.	Dir.		Force 0-12.				°F.	Form.	Amt. 0-10.	Form.		Amt. 0-10.	0-9.
	m.b.																													
13H. G.M.T. OF 10 <sup>h</sup>														19H. G.M.T. OF 10 <sup>h</sup>																
Houton B. (Orkney)	1025.2	+4	WSW	7	bc	56	75	6	4-5000	Sc	4	ASr	1	5	1026.2	+0	WSW	6	0	54	75	7	4-5000	Cu	6	ASr	3	4		
Eskdalemuir	1031.1	+2	SSW	5	c	58	55	7	-	Cu	5	ASr	2	*	1030.6	-1	SSW	4	0	54	65	7	-	Sc	1	ASr	5	*		
Stranraer	1031.9	+1	S	3	c	58	75	8	2-3000	Cu	3	ASr	4	*	1029.2	-4	S	3	q	55	87	7	4-5000	Sc	5	ASr	5	*		
Lough Foyle	1031.4	+1	W	3	bc	57	75	6	3-4000	Cu	5	-	-	3	1029.4	-2	ENE	3	5	52	97	4	3-4000	Nb.	0	-	-	3	*	
Valencia (Cahire'n)	1028.8	-4	SSE	5	c	59	75	8	2-3000	Cu	8	-	-	4	1025.7	-3	S	5	do	58	92	5	5000	Sc	0	-	-	4	*	
Anglesey (Llangefni)	1032.8	0	SW	5	o	62	65	8	2-5000	FCu	2	Ci	6	4	1031.5	-3	WSW	2	0	58	75	8	4-5000	Sc	8	ASr	2	4		
Falmouth	1034.0	0	SE	3	om	61	85	5	-	-	-	ASr	-	*	1031.9	-4	SE	3	cf	?	92	1	-	-	-	-	-	*		
Calshot (Hants)	1034.7	0	SSW	2	b	70	65	8	-	-	-	Cu	2	3	1033.3	-1	SW	1	b	66	45	8	-	-	-	-	3	*		
Capel (Preston)	1035.3	+7	S	2	b	60	75	6	7-9000	Cu	3	-	-	1	1034.4	-2	-	0	bc	60	55	8	-	-	-	ASr	2	1		
Aberdeen	1028.0	+1	SW	4	c	65	40	7	-	Cu	4	ASr	4	3	1027.8	u	SSW	4	0	63	45	7	-	Cu	1	ASr	7	3		
East Fortune	1030.3	+1	SW	4	bc	63	55	6	3-4000	Cu	2	ASr	3	*	1031.3	-1	-	0	0	68	55	5	-	-	-	Nb.	9	*		
Howden	1032.2	-1	-	0	c	68	45	5	4-5000	FCu	3	ASr	5	*	1034.5	0	SSE	3	bc	61	75	6	-	-	-	ASr	3	3		
Felixstowe	1034.7	+0	SSE	4	bc	65	65	7	5-7000	Cu	3	-	-	3	1031.7	-2	S	2	C	69	55	8	2-3000	Sc	2	Ci	4	*		
Cranwell (Lincs)	1032.9	+4	SW	2	bc	68	55	8	2-3000	Cu	4	Ci	2	*	1032.3	-1	SW	1	Z	71	45	9	-	-	-	FCu	3	*		
Bedford	1033.4	0	-	0	bc	70	45	6	7-9000	Cu	6	-	-	*	1031.4	-2	SW	2	b	73	45	8	-	-	-	-	-	*		
Benson	1035.0	-2	SSW	2	b	71	45	9	-	-	-	-	-	*	1032.5	-2	SSW	3	b	74	45	8	-	-	-	Ci	1	*		
London (Kew Obs.)	1034.2	-1	SSW	3	b	70	45	8	-	FCu	1	-	-	*																
1H. G.M.T. OF 11 <sup>h</sup>														7H. G.M.T. OF 11 <sup>h</sup>																
Houton B. (Orkney)	1025.1	-1	WSW	4	r	46	97	5	2-2000	Sc	-	-	-	4	1019.7	-6	E	4	r	45	98	2	1-1000	Sc	10	-	-	*		
Eskdalemuir	1026.1	-6	SSE	2	orm	49	92	4	-	Nb	-	-	-	4	1021.8	-3	SSW	6	orm	54	98	3	1-1000	Nb	10	-	-	*		
Stranraer	1024.7	-6	SE	3	do	57	97	-	1-1500	Nb	-	-	-	*	1022.1	-1	SSW	3	om	55	92	5	1-1000	Sc	10	-	-	*		
Lough Foyle	1024.0	-2	SW	6	o	57	*	*	*	*	*	*	*	*	1019.5	0	SSW	6	o	57	98	6	2-3000	Sc	10	-	-	*		
Valencia (Cahire'n)	1024.0	-2	SW	6	o	57	*	*	*	*	*	*	*	*	1020.4	-3	S	4	o	58	92	5	1-1000	Sc	10	-	-	3	*	
Anglesey (Llangefni)	1027.1	-4	SW	4	p	58	92	-	1-1500	-	-	-	-	4	1025.1	-1	SSW	4	o	60	87	6	1-1500	Sc	10	-	-	4	*	
Falmouth	1029.3	-3	SE	2	b	56	92	6	-	-	-	-	-	*	1026.2	-2	SE	2	bz	62	87	5	-	-	-	-	-	*		
Calshot (Hants)	1031.4	-2	SW	1	bc	57	92	8	3-4000	Sc	5	-	3	*	1029.2	-2	SE	3	o	60	92	6	3-4000	Sc	8	-	-	6	*	
Capel (Preston)	1032.7	-2	SE	3	b	55	75	8	-	-	-	ASr	3	3																
Aberdeen	1026.2	-2	SSE	4	r	49	97	5	1-1000	Nb	-	-	-	*	1019.2	-5	SSE	5	om	52	92	3	-	Sc	10	-	-	3	*	
East Fortune	1025.7	-8	SSW	1	r	53	87	-	3-4000	Nb	-	-	-	*	1020.0	-4	S	3	o	60	87	6	5-7000	Sc	9	-	-	*		
Howden	1029.4	-2	S	3	o	59	75	5	5-7000	Sc	-	-	-	*	1026.6	-3	S	4	bc	60	65	5	4-5000	Sc	4	Ci	2	*		
Felixstowe	1033.0	-1	ESE	3	b	57	87	-	4-5000	Sc	3	-	3	*	1030.4	-2	SE	8	o	58	82	5	4-5000	-	-	Ci	3	3		
Cranwell (Lincs)	1030.0	0	W	2	c	58	92	7	2-3000	Sc	4	ASr	1	*	1027.7	-2	S	4	bc	62	55	7	2-3000	Sc	2	Ci	2	*		
Bedford	1030.0	0	-	-	-	-	-	-	-	-	-	-	-	*	1028.6	-2	SSW	1	om	61	75	8	2-3000	Sc	9	-	-	*		
Benson	1031.7	-2	-	-	-	-	-	-	-	-	-	-	-	*	1027.9	-3	E	3	c	60	75	5	-	-	-	ASr	7	*		
London (Kew Obs.)	1031.7	-2	-	-	-	-	-	-	-	-	-	-	-	*	1029.1	-2	S	1	oz	61	65	4	-	-	-	ASr	4	*		

STATIONS CONTRIBUTING REPORTS AT 7H AND 13H.																							
STATIONS.	BAROM. at M.S.L. m.b.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dires. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.		
			Dir.	Force 0-12.		at M.S.L. in b.	Change in 8 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.			
13H. G.M.T. of 10												7H. G.M.T. of 11											
24 HOURS ENDED 7H. 10												11											
Lerwick	1024.4	52	WSW	5	c	1020.1	-3	19	-2	SW	2	-	omd	2	1	55	48	bc.o	cm.o	omd	*		
Stornoway	1025.2	54	WSW	5	o	1017.5	-2	48	-4	E	2	-	or	1	9	59	47	bc.o	bc.c.o	or	6.6		
Castellbay (Barra's)	1026.9	52	SSW	4	o	1015.7	-2	52	0	-	0	-	r	1	11	54	48	a.c.o	o	or	5.1		
Glasgow	1029.1	57	S	3	o	1026.3	-2	55	-4	S	3	-	oltr	*	11	50	c.bc.c	bc.c.o	optlr	10.8			
Malin Head	1027.3	53	ESE	2	or	1017.8	0	58	-9	SW	4	SW	cg	3	3	58	50	bc	bep	cg	6.7		
Blackod Point	1024.3	52	SE	4	omr	1017.3	0	55	+3	S	6	-	ofe	5	8	56	51	cm	omr	or omp	*		
Roche's Point	1024.9	55	S	4	r	1023.2	-2	56	+3	SSE	3	SW	cm	3	5	58	53	bc.ogr	rfd.	tr.bc	*		
Birr Castle	1027.3	57	SSE	2	o	1021.5	*	59	+6	S	1	-	o	*	3	64	52	c	c.op	op	4.1		
Donaghadee	1028.5	55	SSW	3	r	1022.8	0	56	+5	SSW	4	-	omg	4	5	63	50	bm.bcg	bcg	tr.bc	*		
Liverpool (Bidston)	1030.8	59	WSW	1	o	1025.1	-2	61	+6	SSE	2	-	c	2	0.2	64	55	b	bc.op	o.c	10.1		
Holyhead	1030.6	56	SSW	3	c	1023.9	-2	55	0	SSW	4	-	of	3	1	62	53	bz.b.c	cope	cp.c.od	8.3		
Pembroke (St. Ann's Head)	1031.1	56	SSE	3	o	1025.7	-3	56	+1	SSE	3	SW	b	3	1	60	53	bf	fero	opofc	8.8		
Silly (St. Mary's)	1031.4	58	SSE	2	o	1025.2	-2	60	0	SE	2	-	bm	3	-	64	56	bc.ofm	om.fom	bc.bm	3.0		
Jersey (St. Aubin)	1032.4	68	E	3	b	1027.8	-1	65	+7	E	2	E	c	1	-	71	57	of.b.om	om.b	bc	8.2		
Portland Bill	1034.8	60	SE	2	bc	1028.2	-2	57	-1	E	3	-	c	-	-	63	53	bc	bc	c.o.c	*		
Dungeness	1033.5	61	NE	1	b	1029.9	-1	58	-1	NE	2	-	c	1	-	63	52	b	b	b.bc	*		
Wick	1026.4	57	W	2	o	1017.8	-6	48	-4	EME	2	-	omg	2	4	63	46	bc.o	bc.o	om.f	*		
Nairn	1026.3	58	W	2	c	1016.4	*	52	-2	-	0	-	og	0	2	66	49	bcg	bcg.c	cg.zp	10.2		
Leith	1029.6	61	SW	2	o	1019.5	-2	52	0	SW	3	-	og	2	10	65	51	bc.o.bc	bc.c.c	a.c.ofr	*		
Tynemouth	1030.4	60	W	1	bc	1023.2	-2	62	+9	SW	4	W	cmg	2	trace	67	47	bcmg	bm	om.cmp	*		
Spurn Head	1032.0	57	SE	4	c	1028.0	-1	58	+4	SSW	4	-	c	4	-	65	51	bc	bc.c	c.o.c	7.7		
Yarmouth (Gorleston)	1035.1	58	S	3	b	1029.2	-5	59	+4	S	1	-	bm	2	-	65	50	bc	bc	bc	13.4		
Clacton-on-Sea	1033.1	61	SSE	4	bc	1030.1	-3	59	+1	SSE	3	-	bc	2	-	65	57	b.bc	bc	-	14.1		
Nottingham	1030.8	68	SW	1	c	1028.0	*	61	+5	SSW	2	SW	b	*	-	73	55	b.bc	bc.c	c.bc	11.3		



# SUMMARY OF CONDITIONS AT 7 A.M. Wednesday, 11th June, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	E-S. 2-10	Rather warm	Cloudy to overcast, local haze	Ord.	Smooth
2. E. England	SE-S. 10-15	"	Variable cloud, local mist	"	Slight
3. E. Midlands	S. 2-10	Warm	Variable cloud	V. good	"
4. W. Midlands	E. 10	"	Cloudy	Ord.	"
5. S.W. England	E-SE. 5-10	"	Fine, local mist & haze	"	Slight
6. South Wales	SSE. 10	Rather	Fine	"	"
7. North Wales	SSW. 15	" warm	Overcast, fog at Holyhead	Var.	"
8. N.W. England	SSW. 5	Warm	Cloudy	"	Smooth
9. N. Midlands	SSW. 5	"	Fine	"	"
10. N.E. England	S-SW. 15	"	Fair to cloudy, local mist & squalls.	Ord.	Smooth
11. E. Scotland	SSE. 10-20	Moderate	Overcast, local mist.	Poor	Slight
12. S.W. Scotland	S-SSW. 10-28	"	Overcast, rain & mist, thunderstorm at Glasgow	Ord.	"
13. Isle of Man	"	"	Overcast.	"	"
14. N. & N.W. Scotland	E. 5	"	Overcast, local mist.	"	Smooth
15. Hebrides	Calm to E. 5	"	Overcast; rainy.	"	"
16. Orkneys and Shetlands	Var. 5-15	"	Overcast, mist & rain.	V. poor	"
17. N.W. Ireland	S. 28	"	Overcast, fog	"	Moderate
18. N.E. Ireland	SSW-SW. 15	Rather warm.	Cloudy to overcast, squally.	Ord.	"
19. S.E. Ireland	S. 5	Warm	Overcast.	"	"
20. S.W. Ireland	SSE-S. 10-15	Moderate	Cloudy to overcast, local mist.	Var.	Slight

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

A depression off our western coasts will cause rain or showers in the western and northern districts accompanied by local thunderstorms. In the east and south-east a continuance of rainless weather appears probable.

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

Districts.	Forecasts for the 24 hours commencing 3 p.m. Wednesday, 11th June, 1919
1. S.E. England	Light to moderate winds between SE. and SW. Fair to cloudy. Rather warm.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Light to moderate S.W. winds. Cloudy, some showers, local thunder. Rather warm.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Moderate SE-SW. winds. Rainy, thunder locally. Rather warm.
12. S.W. Scotland	
13. Isle of Man	Same as for 5-10
14. N. & N.W. Scotland	Same as for 11-12
15. Hebrides	
16. Orkneys and Shetlands	Moderate or fresh S.W. wind. Dull, some rain or showers, local thunder. Rather warm.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

## Further Outlook.

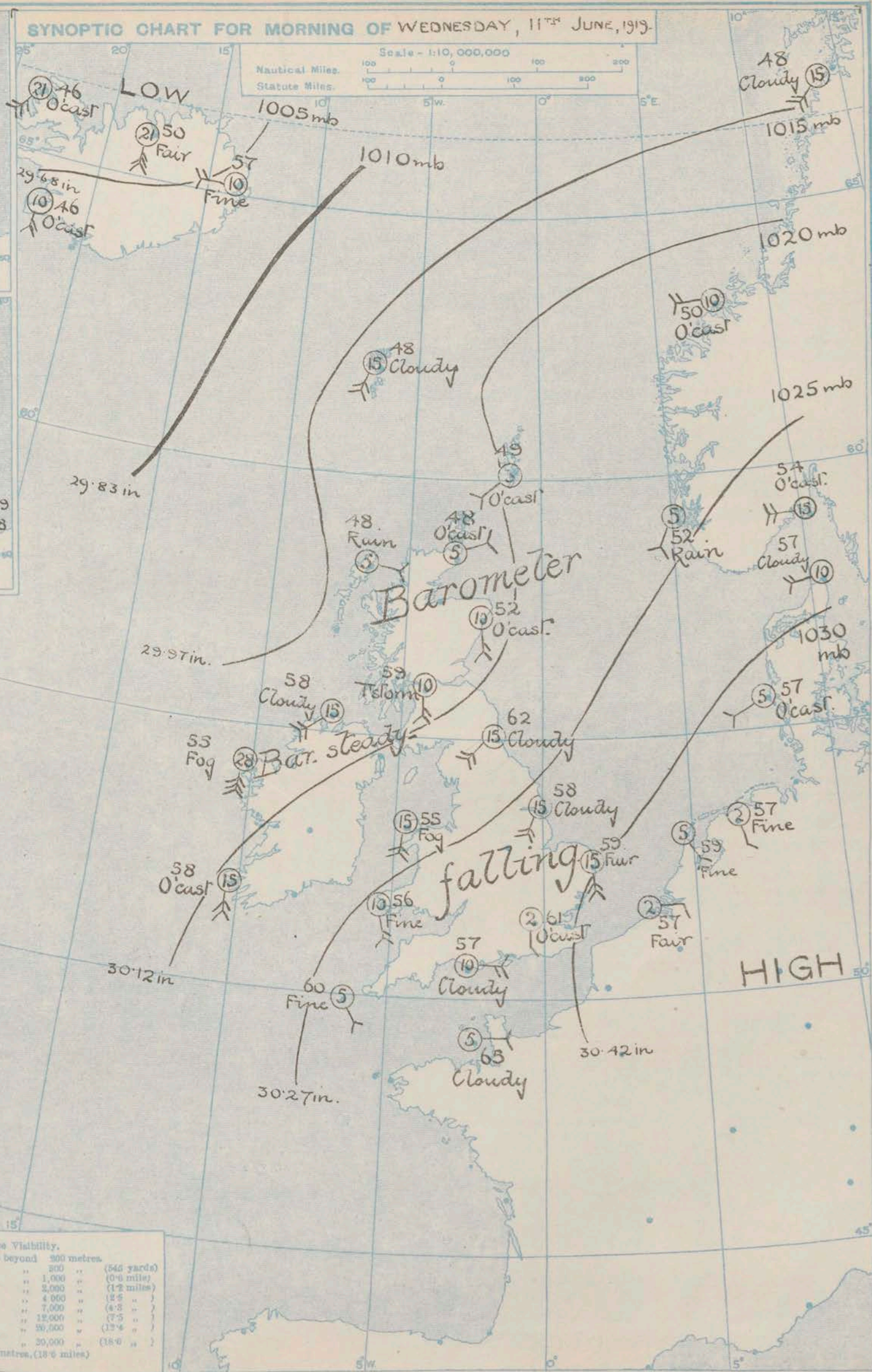
The main wind current will probably remain in the south-west quadrant. Disturbances off our western coasts will probably cause further rain in the west but there is at present no reason to anticipate a definite break in the dry spell now prevailing in the east and south-east.



SYNOPTIC CHART FOR MORNING OF WEDNESDAY, 11<sup>TH</sup> JUNE, 1919.

Scale - 1:10,000,000

Nautical Miles.  
Statute Miles.

Scale of Surface Visibility.

Objects not visible beyond 900 metres.

"	"	"	500	"	(545 yards)
"	"	"	1,000	"	(1,090 miles)

"	"	"	1,000	"	(0.6 mile)
"	"	"	2,000	"	(1.2 miles)

Salary	11	11	4 000	11	(2.5)
Profit	11	11	7 000	11	(4.8)

1991	"	"	"	7,000	"	(4.8	"	1
1992	"	"	"	12,000	"	(7.5	"	1



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 162. B

Wednesday  
11<sup>th</sup> JUNE 1919

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR JUNE 10<sup>th</sup>

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h.	Day. 9h-17h.	to 17h. 10 <sup>h</sup> .	Sunrise to Sunset. 9 <sup>h</sup> .		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h.	Day. 9h-17h.	to 17h. 10 <sup>h</sup> .	Sunrise to Sunset. 9 <sup>h</sup> .
Scotland.									England, N.W.								
Banff ...	bc	bc	62	46	-	-	10.3	9.8	Southport ...	bbe	bcco	63	52	-	-	10.5	9.7
Montrose ...	-	-	62	38	-	-	6.4	3.2	Douglas ...	-	-	59	47	-	-	9.4	11.3
St. Andrews ...	b	b	65	45	-	-	10.6	12.3									
Oban ...	-	-	56	46	-	-	7.1	8.3									
England, N.E.									Midlands.								
Harrogate ...	b	bbe	68	47	-	-	11.9	12.6	Buxton ...	bc	bc	67	46	-	-	11.6	9.7
Skegness ...	b	b	69	45	-	-	11.7	9.7	Leamington Spa ...	bc	bc	72	46	-	-	12.2	11.0
									Malvern ...	bbe	bcb	70	51	-	-	12.0	12.5
									Ross-on-Wye ...	b	b	74	44	-	-	12.0	12.5
England, E.									Wales.								
Felixstowe ...	b	bc	65	50	-	-	12.4	8.8	Rhyl ...	b	bcp	64	51	-	0.3	10.2	13.4
Walton-on-Naze ...	-	-	-	-	-	-	-	-	Colwyn Bay ...	b	cb	61	50	-	-	9.0	13.7
Southend-on-Sea ...	b	bcbm	70	51	-	-	12.1	8.0	Llandudno ...	b	cb	64	52	-	0.1	9.2	13.7
									Aberystwyth ...	bcb	bco	61	57	-	-	8.5	14.2
England, S.E.									England, S.W.								
Brighton ...	-	-	64	50	-	-	12.0	7.7	Teignmouth ...	b	bbe	65	49	-	-	10.0	9.3
Margate ...	b	b	66	55	-	-	12.0	7.7	Bude ...	b	b	70	46	-	-	10.5	9.7
Ramsgate ...	b	b	65	49	-	-	12.0	2.5	Weymouth ...	b	b	70	49	-	-	12.0	9.7
Hastings ...	b	b	65	50	-	-	12.2	1.2	Torquay ...	b	bo	64	51	-	-	8.5	9.7
Eastbourne ...	b	b	65	49	-	-	12.2	0.9	Penzance ...	bbe	cobc	65	52	-	-	9.0	12.0
Worthing ...	b	b	66	48	-	-	12.4	0.6	Newquay ...	b	b	67	48	-	-	11.0	11.3
Littlehampton ...	b	b	64	47	-	-	12.3	0.9	Weston-s-Mare ...	b	bbe	73	52	-	-	-	-
Bournemouth ...	-	-	67	45	-	-	12.2	6.2									

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. Hours.
	7h-13h. 10 <sup>h</sup> .	13h-18h. 10 <sup>h</sup> .	18h. 10 <sup>h</sup> -1h. 11 <sup>h</sup> .	1h-7h. 11 <sup>h</sup> .				Day. 7h-18h.	Night. 18h-7h.	
†Houton Bay (Orkney) ...	bbe. q	c. q	q. r	q. s	58	42	*	*	*	*
Eskdalemuir ...	bey	cyc	o. r	o. m	59	48	*	*	*	9.9
†Stranraer ...	bcc	co	o. p	o. m	61	43	*	*	*	*
†Lough Foyle ...	bcc	po	o	o	58	46	*	*	*	*
Valencia (Cahirciveen) ...	p. co	opccod	o. r	o. d	61	55	56	2	4	0.7
†Anglesey (Llangefni) ...	bcc. q	po. c	o. p	o. m	62	44	*	*	*	*
Falmouth ...	bcc. z	o. f	o. f	o. b	65	55	49	-	-	4.9
†Calshot (Hants) ...	bbe	b	b	c. o	70	48	*	*	*	*
†Capel (Folkestone) ...	bbe. z	bbe. z	bbe. v	bbe. v	*	*	*	*	*	*
Aberdeen ...	bcc. y	bcc. y	o. y	o. m	69	50	48	-	0.9	11.0
†East Fortune ...	bcc	co. z	o. r	o. y	71	45	*	*	*	*
†Howden ...	bbe	co. z	o. r	o. y	71	45	*	*	*	*
†Felixstowe ...	bbe. z	bbe. v	bbe. v	o. z	67	52	*	*	*	*
†Cranwell (Lincs) ...	bbe	co. bcc	bcc	o. c. o	72	54	*	*	*	*
†Bedford ...	bbe. z	bbe. z	bbe. z	o. m	72	44	*	*	*	*
Benson ...	b	b	b	b	76	52	*	*	*	*
London (Kew Obey.) ...	b	b	b	b	76	52	43	-	-	14.6

## BEAUFORT NOTATION.

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

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Meters per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.3
3	8-12	3.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.5
11	64-75	28.6-33.5
12	Above 75	33.6 or above

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

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

## LONDON OBSERVATIONS.

	Morning.	Afternoon.	Night.	11 <sup>th</sup>	12 <sup>th</sup>	1 <sup>st</sup>	mm.	Hours.	G. M. T.	G. M.
	24 HOURS ENDED 9h G.M.T. 11 <sup>th</sup>							YESTERDAY.	To-DAY.	
Greenwich (Royal Observatory)	b	b	b. a	77	49	37	-	14.4	39	50
City (Bunhill Row) ... ..	* *	* *	* *	* *	* *	* *	*	12.1	*	*
Westminster (St. James's Park)	*	*	*	74	56	49	-	14.2	43	65
" (Admiralty Arch)	bz bc	b	bc. bcz	78	58	*	-	13.5	45	67
Camden Sq. (British Rainfall)	b	b	*	78	55	51	-	13.1	35	48
Kensington Palace ... ..	b	b	*	77	?	44	-	*	56 (18h)	54
Richmond Park ... ..	*	*	*	*	*	*	*	*	*	*

## SOUTH KENSINGTON (Meteorological Office).

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

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

11 <sup>th</sup> & 12 <sup>th</sup> JUNE 1919.			
Stations.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth...	3.31	11.52	8.13
	3.32	11.52	8.13
Greenwich	3.45	11.59	8.14
	3.45	12.01	8.14
Wick ...	3.8	12.11	8.53
	4.23	12.40	8.53
Valencia ...	4.23	12.40	8.53

## NOTES ON THE WEATHER OF YESTERDAY.

Rainfall was again confined to the western districts, amounts up to 11 mm. being measured at Scottish and Irish stations. Thunderstorms occurred during the night and early this morning in parts of Scotland and Ireland. Sunshine was very abundant in east and south-east England as much as 14.6 being enjoyed in London, while fair records were

obtained in all parts of the British Isles. Temperature reached 78° in London.

† Air Ministry Station.

\* Information for these columns not usually received.



WEDNESDAY  
JUNE



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

No 21,421B THURSDAY, 12<sup>th</sup> JUNE 1919.

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

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																													
STATIONS.	BAROM	†	WIND.		WEATHER.	TEMP.	Humidity.	Visibility.	Height	Low Cloud.		Upper Cloud.		Sea	BAROM	†	WIND.		WEATHER.	TEMP.	Humidity.	Visibility.	Height	Low Cloud.		Upper Cloud.		Sea	
	at M.S.L.	Change in 3 hours.	Dir.	Force 0-12.		°F.			Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.		0-9.	at M.S.L.	Change in 3 hours.	Dir.		Force 0-12.			°F.	Feet.	Form.	Amt. 0-10.	Form.		Amt. 0-10.
	m.b.					%	0-10.								m.b.					%	0-10.								
13H. G.M.T. OF 11 <sup>th</sup>														19H. G.M.T. OF 11 <sup>th</sup>															
Houton B. (Orkney)	1018.2	-1	NE	2	0	49	92	6	1-1500	ScCu	10	-	-	2	1018.9	+1	?	3	0	48	92	7	15-2000	ScCu	9	-	-	2	
Esksdalemuir	1020.6	-2	SSW	7	2	59	85	5	3-2000	Sc	8	-	-	*	1018.5	-2	SSW	4	0	60	85	6	15-2000	Sc	9	-	-	*	
Stranraer	1020.8	-1	S	3	0	50	85	6	500	Sc	8	AS	1	*	1017.2	-4	S	1	C	58	9	6	500	Sc	2	ACu	5	*	
Lough Foyle	1020.6	0	SSW	5	0	60	92	7	2-3000	ScCu	10	-	-	3	1018.7	-3	ENE	3	1	63	97	4	1-1000	Nb	10	-	-	2	
Valencia (Cahire)	1017.9	-3	S	5	C	62	85	7	1-1000	Sc	8	-	-	-	1015.2	-4	S	4	1	57	97	4	500	Sc	10	-	-	3	
Anglesey (Llangefnol)	1021.3	-7	SSW	4	b	70	65	8	4-5000	FCu	2	AS	1	4	1018.1	-4	WSW	4	C	69	65	7	3-4000	Cu	4	ACu	4	4	
Falmouth	1022.8	-4	SE	3	b	75	75	6	-	-	-	-	-	*	1018.4	-5	SE	2	2	64	77	5	-	-	-	-	*		
Calshot (Hants)	1025.6	-2	ESE	4	bc	62	92	6	-	-	-	AS	5	5	1022.4	-5	SE	2	b	65	87	8	-	-	-	-	3		
Cape (Folkestone)	1020.9	-4	SW	2	bc	68	55	5	-	-	-	AS	5	2	1022.9	-4	E	2	b	66	55	5	-	-	-	AS	2	3	
Aberdeen	1016.6	-2	SSW	6	Z	69	55	6	-	FCu	4	-	-	3	1017.6	+2	ENE	3	0	58	85	7	-	Cu	9	-	-	3	
East Fortune	1019.6	0	WSW	5	q	67	65	6	3-4000	ScCu	5	ACu	2	*	1017.8	-1	WSW	2	b	68	65	6	5-7000	ScCu	1	ACu	2	*	
Howden	1027.3	-4	SSE	3	bc	65	75	6	-	-	-	Cu	4	3	1019.3	-2	SSW	3	b	78	55	8	-	-	-	ACu	3	*	
Felixstowe	1025.0	-4	SSW	4	bc	78	75	8	-	-	-	Cu	3	*	1023.0	-5	SSE	3	b	63	87	6	-	-	-	ACu	2	3	
Cranwell (Lincs)	1024.5	-5	S	1	b	79	55	7	5-7000	-	-	ACu	2	*	1019.8	-5	S	3	bc	78	55	8	-	-	-	ACu	3	*	
Bedford	1023.9	-6	S	4	b	78	55	7	-	-	-	-	-	*	1020.8	-6	S	1	b	78	55	9	5-7000	-	-	-	ACu	3	*
Benson	1025.4	-5	SSE	4	bc	78	45	8	-	-	-	Cu	6	*	1020.3	-5	S	3	b	77	45	9	-	-	-	-	-	*	
London (Kew Obs.)	1025.4	-5	SSE	4	bc	78	45	8	-	-	-	Cu	6	*	1021.0	-5	S	3	b	80	40	7	-	-	-	-	-	*	
1H. G.M.T. OF 12 <sup>th</sup>														7H. G.M.T. OF 12 <sup>th</sup>															
Houton B. (Orkney)	1018.0	-3	ESE	4	0	45	97	6	2-3000	ScCu	9	-	-	2	1015.0	-3	ESE	4	1	47	97	0	-	-	-	-	-	?	
Esksdalemuir	1015.1	-3	N	2	om	58	92	5	-	Sc	0	-	-	*	1010.0	-5	NNE	2	ofm	60	92	5	-	Sc	3	ACu	6	*	
Stranraer	1013.7	-4	SE	2	0	57	92	2	500	Sc	0	-	-	*	1007.9	-6	E	1	?	64	87	6	1-2000	Nb	9	AS	1	*	
Lough Foyle	1014.8	0	WSW	6	r	51	*	*	*	*	*	*	*	*	1011.2	-2	WNW	3	of	53	97	3	1-1000	Nb	10	-	-	*	
Valencia (Cahire)	1013.4	-4	-	-	bc	56	97	-	2-3000	ScCu	3	AS	2	4	1016.4	+2	WNW	5	0	53	97	3	1-1000	ScCu	10	-	-	5	
Anglesey (Llangefnol)	1013.3	-3	SW	4	od	60	92	3	-	Nb	10	-	-	*	1016.8	-6	SW	3	OT	60	87	5	1-1500	Sc	9	AS	1	3	
Falmouth	1013.3	-3	SW	4	od	60	92	3	-	Nb	10	-	-	*	1013.6	+2	WSW	6	bcq	56	82	6	-	Cu-nb	5	-	-	*	
Calshot (Hants)	1015.6	-3	ESE	4	b	61	92	6	-	-	-	-	-	4	1013.2	-7	SSE	5	b	67	65	6	-	-	-	-	5		
Cape (Folkestone)	1018.4	-5	SSE	4	b	66	65	6	-	-	-	-	-	5	1013.6	-3	NNE	2	ofm	53	92	5	-	Nb	10	-	-	2	
Aberdeen	1015.6	-3	ENE	1	0	58	85	-	3-2000	Cu	10	-	-	*	1010.6	-5	NE	3	0	57	92	5	1-2000	Cu-nb	9	-	-	*	
East Fortune	1016.5	-3	SSE	2	b	62	75	5	-	-	-	ACu	3	*	1010.2	-7	ESE	3	b	66	75	5	-	-	-	-	-	*	
Howden	1018.5	-5	SE	3	b	61	92	-	-	-	-	-	-	3	1014.1	-5	SSE	4	b	65	82	5	-	-	-	-	3		
Felixstowe	1016.6	0	ESE	1	b	57	92	6	3-4000	Sc	1	ACu	1	*	1010.5	-4	SE	3	b	64	75	5	-	-	-	ACu	2	*	
Cranwell (Lincs)	1017.0	-5	E	3	b	67	*	*	*	*	*	*	*	*	1009.9	-6	SSE	3	2	71	65	?	2-3000	-	-	-	-	*	
Bedford	1017.0	-5	E	3	b	67	*	*	*	*	*	*	*	*	1009.2	-3	S	4	b	69	75	4	-	Cu	1	-	-	*	
Benson	1017.0	-5	E	3	b	67	*	*	*	*	*	*	*	*	1010.9	-5	SSW	4	b	70	65	5	-	-	-	-	-	*	
London (Kew Obs.)	1017.0	-5	E	3	b	67	*	*	*	*	*	*	*	*	1010.9	-5	SSW	4	b	70	65	5	-	-	-	-	-	*	

STATIONS CONTRIBUTING REPORTS AT 7H AND 19H.

STATIONS.	BAROM.		TEMP.		WIND.		BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.																															
	at M.S.L.																Max. °F.	Min. °F.	Morning.	Afternoon.	Night.																																
	m b.	°F.	Direc.	Force 0-12.	Weather.	m b.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.	Max. °F.					Min. °F.	Morning.	Afternoon.	Night.																																	
18H. G.M.T. of 11 <sup>th</sup>																		7H. G.M.T. of 12 <sup>th</sup>																		24 HOURS ENDED 7H. 12 <sup>th</sup>																	
Lerwick	1017.8	50	S	2	om	1017.0	-3	50	+1	SSE	3	-	om	2	2	51	49	om	om d.	om	*																																
Stornoway	1017.8	52	S	1	C	1013.0	0	52	+4	E	1	-	of	0	3	55	47	0	c	e. of	0.4																																
Castlebay (Barra)	1016.7	53	NW	2	0													r. o. c.	c. o.																																		
Glasgow	1017.5	66	SW	2	cu	1009.9	-5	57	+2	NE	2	S	c	*	0.3	66	55	of. c. bc.	c. bc. c.	c. bc. o. c.	6.6																																
Malin Head	1015.0	56	ENE	2	cm	1009.9	-2	52	-6	NW	2	-	frt	2	3	61	50	ch.	ch	frt.	0.3																																
Blackod Point	1013.8	56	S	3	of	1012.0	+1	53	0	NNW	6	-	om	4	4	58	47	of c.	of c.	of. of ch.	*																																
Roche's Point	1016.5	57	SE	1	fe	1011.2	+1	52	-4	NNW	6	-	0	5	4	61	52	c. om.	of c.	fe. rd.	*																																
Birr Castle	1015.0	62	SW	1	m	1008.1	*	55	-4	W	1	-	r	*	c	66	54	z	z	or	2.1																																
Donaghadee	1016.2	61	SSE	2	f	1008.5	-5	55	-1	NNW	2	-	agm	2	-	67	50	om q.	bc m. cf	of	*																																
Liverpool (Bidston)	1017.5	73	NW	2	b	1006.6	-6	68	+5	ESE	3	S	om	3	-	79	61	o. ky.	c. b.	bet. c.	9.9																																
Holyhead	1017.4	61	SW	4	ctg.	1007.4	-4	59	+4	SE	3	S	of q.	1	Trace	69	54	of. c. f. c.	bc. c.	bc. ch	3.1																																
Pembroke (St. Ann's Head)	1018.3	61	SSE	3	b	1008.7	-2	54	-2	WSW	3	-	of d.	3	1	63	53	b.	b.	c. of d.	12.2																																
Scilly (St. Mary's)	1017.7	62	SSE	2	bm	1004.5	0	54	-6	WNW	9	W	c	6	1	66	52	bm	bm	of. c. q. f.	13.2																																
Jersey (St. Aubin)	1019.9	75	E	2	b	1016.6	+1	58	-7	WSW	4	0	0	3	-	80	57	c. b.	b.	b. o.	13.5																																
Portland Bill	1020.4	58	BSE	4	b	1012.1	-1	57	0	SW	5	-	og	4	-	63	55	c. bc	bc. b.	bt. f. q.	*																																
Dungeness	1022.3	64	ENE	3	b	1012.3	-5	61	+3	S	4	-	b	3	-	73	56	c. b.	c. b.	b	*																																
Wick	1018.3	49	ENE	2	om	1014.0	-2	49	+1	E	2	-	om d.	2	5	51	47	om.	om.	om. ft.	*																																
Nairn	1017.3	52	E	1	r	1012.4	*	52	0	-	0	-	om	0	3	54	50	of d.	o. ch.	fm. o.	0.0																																
Leith	1017.0	65	NE	1	bc	1010.6	-2	54	+2	E	1	-	o. ch.	1	1	69	53	r. o. c. bc.	c. bc. b.	bc. c. o. ch.	*																																
Lynemouth	1019.0	77	W	2	bc m	1011.1	-8	56	-6	NE	1	SW	bc m	1	-	78	48	bc m. q.	bc m	bc m	*																																
Spurn Head	1021.4	64	S	3	bc	1012.9	-4	58	0	SSE	3	-	b	3	-	76	56	bc	bc	b	5.5																																
Yarmouth (Gorleston)	1022.2	62	S	3	bc	1013.6	-5	62	+3	S	3	-	b	3	-	63	52	bc m	bc m	bc m. b.	10.1																																
Clacton-on-Sea	1022.8	65	BSE	2	bc	1012.7	-4	63	+4	SE	4	-	b2	3	-	65	58	bc2.	bc2.	b2	12.9																																
Nottingham	1019.6	80	S	3	by	1009.8	*	69	+8	SE	2	-	bv	*	-	83	58	b	b	b	12.3																																



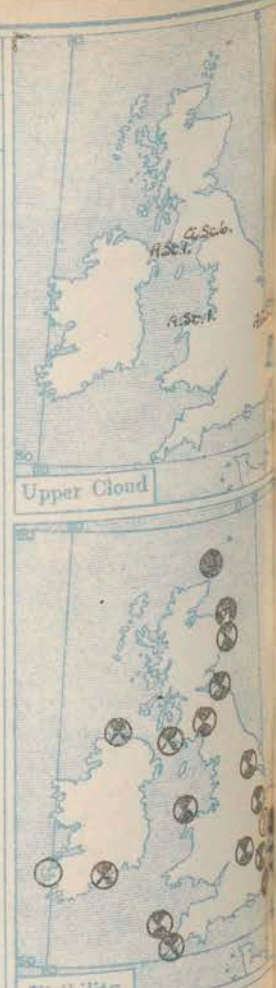
# SUMMARY OF CONDITIONS AT 7 A.M. Thursday, 12th June, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	S-W, 15	V. warm	Fine, light rain at Beachy Head	Var.	Mod.
2. E. England	S-SE, 10-15	Warm	Fine, local haze.	Ord.	Slight
3. E. Midlands	SSE, 10	V. warm	Fine, local haze.	"	"
4. W. Midlands	S, 15	V. warm	Fine	"	"
5. S.W. England	SW-W, 15-30	Moderate	Variable cloud, rain & squalls.	Var.	Rather rough
6. South Wales	W, 10	"	Overcast; showery	"	Slight
7. North Wales	SW-SE, 10	Warm	Overcast; showery.	Ord.	"
8. N.W. England	E, 10	"	Cloudy, mist locally.	"	"
9. N. Midlands	SE, 5	V. warm	Fine	Good	"
10. N.E. England	Up to 10 var.	Rather warm	Fair or fine, local mist	Ord.	Slight
11. E. Scotland	Up to 10 var.	Mod.	Overcast, local rain & mist	Ord.	Slight
12. S.W. Scotland	E-NNE, 2-10	Warm	Cloudy to overcast, local mist & rain.	"	Slight
13. Isle of Man	"	"	"	"	"
14. N. & N.W. Scotland	E, up to 5	Moderate	Overcast, mist & drizzle	"	Calm
15. Hebrides	E, 2	"	Overcast, rainy.	"	Calm
16. Orkneys and Shetlands	E-SSE, 10-15	"	Overcast, rain and mist.	Poor	Slight
17. N.W. Ireland	NNW, 28	"	Overcast, rain & mist.	"	Mod.
18. N.E. Ireland	NNW, 5	"	Overcast, rain & mist. Thunderstorm at Londonderry	Poor	Slight
19. S.E. Ireland	W, 2	"	Overcast, local rain.	"	"
20. S.W. Ireland	WNW, -NNW, 20-28	"	Overcast.	V. good	Rather rough.

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

The depression over the Irish Sea will probably move East or North-East, and cause showery weather with local thunderstorms.

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

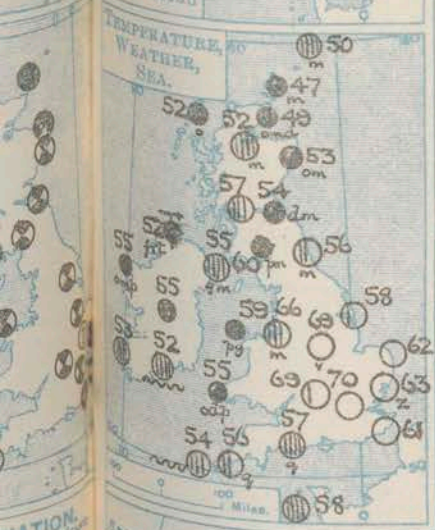
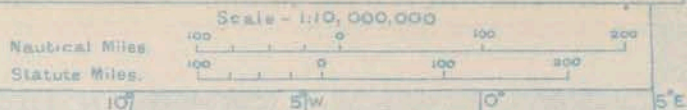


Districts.	Forecasts for the 24 hours commencing 3 p.m. Thursday, 12th June, 1919
1. S.E. England	Fresh S. to SW. breezes. Fair to cloudy, some showers, thunderstorms locally. Becoming cooler.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Fresh or strong Wly. breeze. Fair, some showers. Moderate temperature.
6. South Wales	
7. North Wales	Light variable breezes, becoming moderate or fresh from NW. by Friday; changeable, showery, thunderstorms locally. Warm to cooler.
8. N.W. England	
9. N. Midlands	
10. N.E. England	Light SE. to indefinite breezes. Cloudy, rain at times, thunderstorms locally. Moderate temperature.
11. E. Scotland	
12. S.W. Scotland	Same as for 7-9
13. Isle of Man	
14. N. & N.W. Scotland	Light Ely. breeze. Changeable, showery, thunderstorms locally. Moderate temperature.
15. Hebrides	
16. Orkneys and Shetlands	Fresh or strong W. or NW. breezes. Changeable, showery. Cool.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.  
 There is a likelihood of a spell of cool and somewhat unsettled weather with Westerly breezes.



# SYNOPTIC CHART FOR MORNING OF THURSDAY, 12<sup>TH</sup> JUNE, 1919.



NATION.

are drawn

shown in

Force, or

by the

in small

given in

High

Outlook.

What

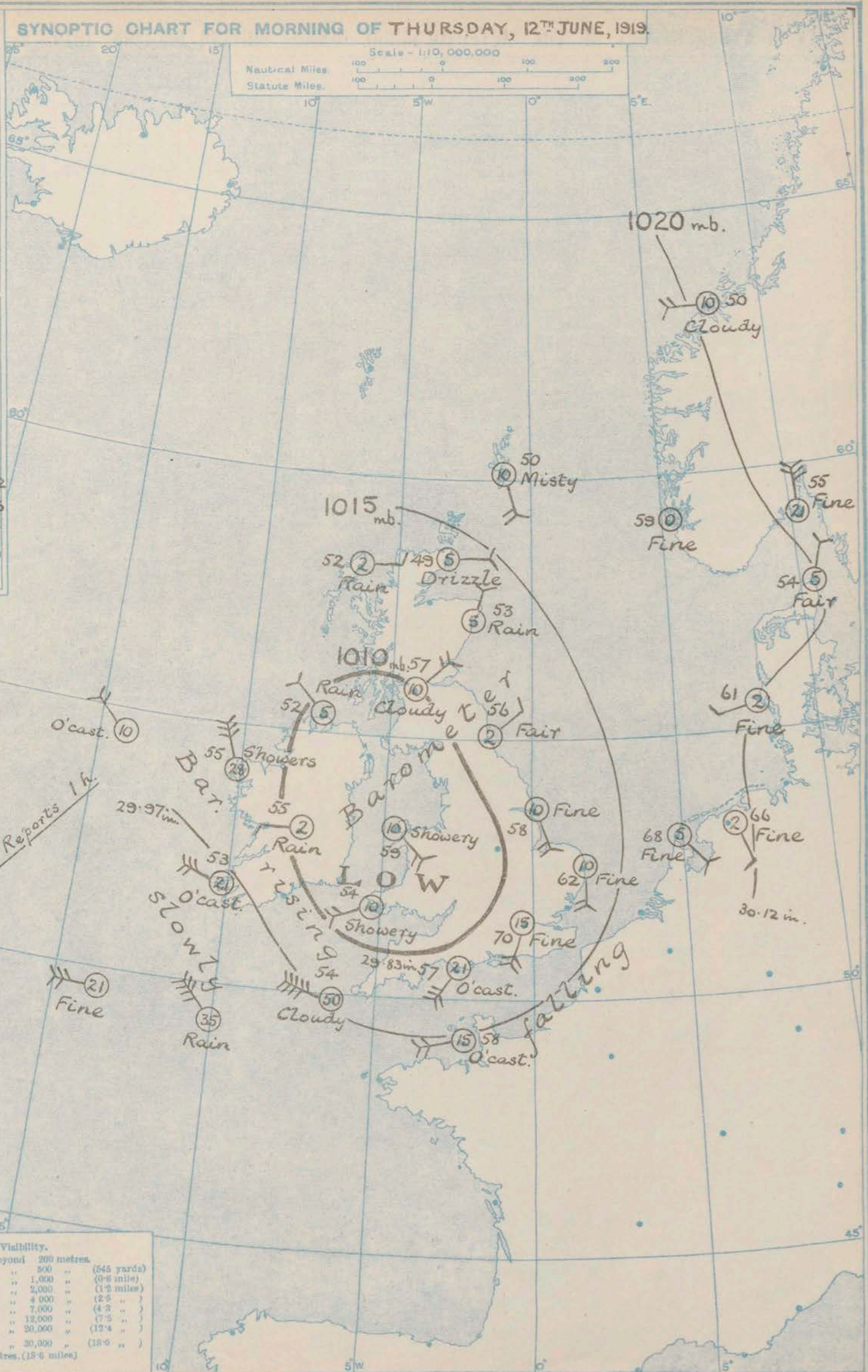
weather

very

Forecast

Scale of Surface Visibility.

Symbol	Description	Distance (metres)	Distance (yards)
0	Very Bad	Objects not visible beyond 200 metres	(219 yards)
1	Bad	" " " "	" "
2	Very Poor	" " " "	" "
3	Poor	" " " "	" "
4	Indif.	" " " "	" "
5	Fair	" " " "	" "
6	Ordinary	" " " "	" "
7	Good	" " " "	" "
8	Good above ord.	" " " "	" "
9	Vy. gd., unusual	" " " "	" "
10	Excep. good	" " " "	" "
11	Objects visible beyond 20,000 metres	(20,000 metres)	(21,872 yards)





# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 163 B

Thursday  
12<sup>th</sup> June

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 11<sup>th</sup> June.

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-24h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-24h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
Scotland, N.									England, N.W.								
Banff ...	-	-	61	50	2	-	0.7	10.3	Southport ...	bcyby	bybcy	77	58	-	-	11.5	10.6
Montrose ...	-	-	67	49	2	-	2.3	6.4	Blackpool ...	-	-	77	56	0.3	-	11.0	9.4
St. Andrews ...	-	c	67	50	1	-	2.1	10.8	Douglas ...	-	-	65	50	2	-	3.8	9.4
Oban ...	o	r	57	50	3	1	-	7.1									
England, N.E.									Midlands.								
Harrogate ...	cbe b	bbe	79	56	-	-	6.6	11.9	Buxton ...	bcz	bcz	81	54	-	-	10.1	13.7
Skegness ...	b	b	75	57	-	-	10.0	13.0	Leamington Spa ...	b	b	80	54	-	-	13.0	14.0
									Malvern ...	bbe b	b	84	53	-	-	10.0	12.5
									Ross-on-Wye ...	b	b						
England, E.									Wales.								
Felixstowe ...	beb	b	68	56	-	-	10.6	14.6	Rhyl ...	bc	bcc	78	57	-	-	5.2	10.4
Walton-on-Naze ...									Colwyn Bay ...	-	-	78	58	-	-	8.1	9.9
Southend-on-Sea ...	bbe m	bm	75	57	-	-	10.6	14.0	Llandudno ...	b	b	77	57	0.2	-	7.8	10.0
									Aberystwyth ...	cbe	bbe	73	68	-	-	6.9	9.5
England, S.E.									England, S.W.								
Brighton ...	-	-	71	51	-	-	9.8	14.3	Teignmouth ...	b	b	64	55	-	-	11.7	10.1
Margate ...	c	b	75	54	-	-	6.5	14.0	Bude ...	b	b	78	57	-	-	11.8	10.7
Ramsgate ...	b	b	70	54	-	-	6.7	13.7									
Hastings ...	obc	b	73	55	-	-	7.0	14.7	Weymouth ...	b	b	70	55	-	-	10.0	15.3
Eastbourne ...	bc	b	70	50	-	-	7.6	14.4	Torquay ...	b	b	67	54	-	-	11.6	8.5
Worthing ...	b	b	71	52	-	-	9.6	15.0	Penzance ...	b	b	67	57	-	-	11.1	7.0
Littlehampton ...	o	b b	71	52	-	-	8.9	14.5	Newquay ...	b q	b q	74	55	-	-	11.1	9.0
Bournemouth ...	-	-	71	51	-	-	9.2	13.8	Weston-s-Mare ...	b	b	79	54	-	-	11.0	11.7
									Paignton ...	-	-	64	58	-	-	11.5	

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours.		No.	Limits of Velocity.	
	7h-13h	13h-18h	18h-24h	1h-7h				Day. 7h-13h	Night. 13h-7h				Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)...	r. z.	c. v.	c	of	53	44	*	*	*	*	b blue sky (not more than a quarter covered).	0	Less than 1	Less than 0.3
†Eskdalemuir ...	ormoc	c.p.o.	bco	ocp	61	53	50	1	1	16	bc sky partly cloudy (one half covered).	1	1-3	0.3-1.5
†Stranraer ...	c.p.	c.o	o		*	*	*	*	*	*	c generally cloudy (three quarters covered).	2	4-7	1.6-3.3
†Lough Foyle ...	o.q	p.o	*	p.o	63	51	*	*	*	*	d drizzle, or fine rain.	3	8-12	3.4-5.4
†Valencia (Cahirciveen) ...	odc	co.dr.	omr	r.p.o	52	47	47	2	7	05	e wet air without rain falling.	4	13-18	5.5-7.9
†Anglesey (Llangefni) ...	o.bcc	bcc	c.o	cpd	73	52	*	*	*	*	f fog. g gloom.	5	19-24	8.0-10.7
†Falmouth ...	b.z	b.bz	b.bco	qpcg	67	54	52	-	Trace	14.1	h hail. l lightning.	6	25-31	10.8-13.8
†Calshot (Hants) ...	bcc	b	b		*	*	*	*	*	*	m mist.	7	32-38	13.9-17.1
†Capel (Folkestone)...	bccz	b.z	b.bcz	bz	72	50	*	*	*	*	o overcast sky.	8	39-46	17.2-20.7
†Aberdeen ...	ombc	bcc	orm		70	51	50	-	0.3	4.9	p passing showers.	9	47-54	20.8-24.4
†East Fortune ...	bcc	bcc	o.p.	pd	70	53	*	*	*	*	q squalls.	10	55-63	24.5-28.4
†Howden ...	c.o.z	b.z	c	bz	80	51	*	*	*	*	r rain.	11	64-75	28.5-33.5
†Felixstowe ...	b.z.	b.bcz	b.bcz	bz	68	55	*	*	*	*	rs sleet, i.e., rain and snow together.	12	Above 75	33.6 or above
†Cranwell (Lincs) ...	bcc	bcc	bcc	bcc	81	63	*	*	*	*	s snow.			
†Bedford ...	b.z.	b.z.	*	z	80	51	*	*	*	*	t thunder.			
Benson ...	b	b	*	*	81	60	42	-	-	*	u ugly, threatening sky.			
London (Kew Obsy.) ...	ozbcy	bzbcy	b	bz	82	61	48	-	-	11.8	v unusual visibility.			

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

**SYMBOLS**—

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

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.			
	Morning	Afternoon	Night.						15 h. G.M.T.	9 h. G.M.T.		12 <sup>th</sup> & 13 <sup>th</sup> June..... 1919.			
	24 HOURS ENDED 9H G.M.T. 12 <sup>th</sup> .							YESTERDAY.	TO-DAY.			Stations.			
Greenwich (Royal Observatory)	bc	c	bc	84	58	44	—	12.0	38	71	Vertical Component of Solar Radiation per Square Centimetre during yesterday	Yarmouth...	3.32	11.52	8.13
City (Bunhill Row) ...	*	*	*	*	*	*	*	10.2	*	*		G.M.T.	G.M.T.	G.M.T.	
Westminster (St. James's Park)	*	*	*	82	62	55	—	11.8	53	87		G.M.T.	G.M.T.	G.M.T.	
Admiralty Arch	bcz	bcb	bccog	84	65	*	—	10.5	53	83	Total 207.9..... Joules.  Milliwatts.	Greenwich	3.32	11.53	8.14
Camden Sq. (British Rainfall)	b	bcb	bcc	85	58	52	—	10.6	36	69		3.45	11.59	8.15	
Kensington Palace ...	bc	co	*	82	61	52	—	*	41	75		3.45	12.0	9.15	
Richmond Park ..	*	*	*	*	*	*	*	*	*	*	Average Rate. 35.0	Wick ...	3.8	12.11	9.16
											Maximum Rate. 75	Valencia ...	3.8	12.12	8.58
													4.23	12.40	8.59
													4.23	12.41	8.59

## NOTES ON THE WEATHER OF YESTERDAY.

The temperature rose to 80° or a little over in SE. England, but in Scotland and Ireland relatively cool weather was experienced. Thunder occurred at Liverpool, Malin Head, Portland Bill, and Wick. There were no very large falls of rain, 9 mm. at Valencia being the most. The record of bright sunshine

was on the whole a very good one, many stations reporting over 10 hours.



DAY  
UNE, 1919



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

No 21,022 B ... FRIDAY, 13<sup>TH</sup> JUNE, 1919.

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

STATIONS.	BAROM.	Change in 3 hours.	WIND.		Weather.	TEMP.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea	BAROM.	Change in 3 hours.	WIND.		Weather.	TEMP.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea																																																							
	at M.S.L.		Force 0-12.	°F.		Form.				Amt. 0-10.	Form.	Amt. 0-10.	at M.S.L.		Force 0-12.		°F.	Form.		Amt. 0-10.				Form.	Amt. 0-10.																																																										
	m.b.												m.b.																																																																						
13H. G.M.T. OF 12 <sup>TH</sup>																												18H. G.M.T. OF 12 <sup>TH</sup>																																																							
Houton B. (Orkney)	1012.0	-4	ESE	5	f	49	97	0	500	St	10	-	-	-	1009.9	-2	E	5	f	50	92	0	-	St	4	-	-	-	-																																																						
Eskdalemuir	1002.2	-8	E	4	om	69	65	5	-	St	10	-	-	*	1002.1	0	SW	4	b	57	75	7	-	Cu	1	-	-	-	*																																																						
Stranraer	1002.3	-5	NNE	3	r	61	92	7	2-3000	Nb	10	-	-	*	1000.8	0	SE	2	tl	53	97	8	<500	Nb	8	Ast	1	-	*																																																						
Lough Foyle	1006.5	-3	N	4	r	52	-	-	-	-	-	-	-	*	1007.4	+1	NNW	4	o	50	93	3	1-1500	St	10	-	-	-	*																																																						
Valencia (Cahire'n)	1017.6	+1	W	5	c	55	75	8	2-3000	Cu	8	-	-	5	1018.6	+1	W	4	o	55	87	7	2-2000	St	10	-	-	-	4																																																						
Anglesey (Llangefni)	1003.5	-4	SSW	5	o	56	87	6	2-1000	Cu	10	-	-	5	1001.7	0	WNW	4	-	52	87	5	500	St	10	-	-	-	4																																																						
Falmouth	1018.1	+4	WSW	7	r.q	58	55	5	-	M.Cu	4	Ci	2	*	1018.5	+1	WSW	5	r.q	57	75	5	-	S.Cu	5	Ci	2	-	*																																																						
Calshot (Hants)	1015.9	+4	WSW	7	c	61	87	6	2-3000	S.Cu	9	-	-	6	1017.2	+2	WSW	5	bc	58	-	-	1-1500	S.Cu	5	-	-	-	6																																																						
Capel (Folkestone)	1016.6	+5	WSW	7	bc	60	75	5	3-4000	Cu	3	Ast	2	6	1017.8	+1	WSW	8	c	54	87	5	2-3000	Cu	7	-	-	-	5																																																						
Aberdeen	1009.9	-3	ENE	4	Zi	61	65	5	-	-	-	Ci St	6	2	1006.1	-4	NE	4	bZ	58	75	5	-	-	-	Ci St	3	3	*																																																						
East Fortune	1005.6	-5	NE	4	c	63	75	5	5-7000	St	3	Ci St	4	*	1001.8	-3	NE	2	oh	55	97	2	4-5000	Nb	10	-	-	-	*																																																						
Howden	1006.3	+2	SSW	5	q	66	65	5	2-3000	S.Cu	10	-	-	*	1006.1	+2	SSW	5	q	58	55	5	2-3000	S.Cu	10	-	-	-	*																																																						
Felixstowe	1013.2	+3	SW	6	b	72	55	6	-	-	-	Ci St	3	5	1014.8	+1	SSW	6	b	62	75	7	5-7000	F.Cu	2	-	-	-	3																																																						
Cranwell (Lincs)	1008.0	+1	SSW	7	bc	71	65	7	3-4000	F.Cu	3	Ast	2	*	1008.8	+1	SSW	5	c	60	65	8	1-1500	Cu	3	Ast	1	-	*																																																						
Bedford	1011.0	0	SW	6	q	69	45	6	5-7000	Cu	6	-	-	*	1012.3	+1	SW	4	q	60	65	0	4-5000	St	10	-	-	-	*																																																						
Benson	1011.5	+4	SW	6	r.q	63	55	5	-	-	-	-	-	*	1013.5	+2	SW	6	c	56	65	9	-	Cu	5	-	-	-	*																																																						
London (Kew Obs.)	1013.5	+1	SSW	5	b	68	45	8	-	Cu	3	-	-	*	1014.2	+1	SW	6	c	62	55	7	-	S.Cu	9	-	-	-	*																																																						
1H. G.M.T. OF 13 <sup>TH</sup>																												7H. G.M.T. OF 13 <sup>TH</sup>																																																							
Houton B. (Orkney)	1008.3	-1	NNE	3	of	49	97	0	500	St	8	-	-	2	1008.1	+1	NW	7	of	49	97	0	1500	St	8	-	-	-	7																																																						
Eskdalemuir	1005.0	+2	N	2	b	42	92	5	-	-	-	-	-	*	1005.6	+4	NW	4	og	53	92	5	-	St	10	-	-	-	*																																																						
Stranraer	1006.6	+4	NW	6	r.q	50	97	3	500	Nb	10	-	-	*	1012.9	+10	NW	8	o	51	82	7	2-1000	St	9	-	-	-	*																																																						
Lough Foyle	1021.8	+4	WNW	5	o	52	*	*	*	*	*	*	*	*	1025.2	+4	NW	4	o	53	65	7	3-4000	St	10	-	-	-	3																																																						
Valencia (Cahire'n)	1008.8	+8	WNW	5	r.q	50	97	-	500	St	10	-	-	6	1018.0	+8	NW	7	o	51	82	6	2-1000	St	10	-	-	-	6																																																						
Anglesey (Llangefni)	1020.5	+1	WSW	6	o	55	75	5	-	F.Cu	-	-	-	*	1022.9	+4	NW	5	bcq	56	75	6	-	St	5	-	-	-	*																																																						
Falmouth	1016.9	-1	SW	6	o	57	97	4	2-1000	Nb	10	-	-	6	1019.6	+1	W	6	o	58	92	8	1-1500	St	10	-	-	-	6																																																						
Calshot (Hants)	1015.5	-4	WSW	8	r.f	53	87	7	-	St	5	-	-	7	1016.4	+1	W	4	o	54	75	6	1-500	St	10	-	-	-	4																																																						
Capel (Folkestone)	1006.7	0	N	1	om	52	97	3	2-1000	Nb	10	-	-	*	1007.9	+4	NW	4	o	54	87	8	-	St	10	-	-	-	7																																																						
Aberdeen	1004.4	+2	WNW	1	of	52	97	-	-	-	-	-	-	*	1008.0	+5	NE	1	om	53	97	3	1-1500	Nb	8	-	-	-	*																																																						
East Fortune	1003.2	-1	S	3	a	52	97	4	2-2000	St	10	-	-	*	1007.1	+5	W	4	o	56	82	5	1-1500	St	10	-	-	-	*																																																						
Howden	1012.1	-6	SSW	7	o	58	92	-	-	-	-	-	-	6	1014.6	+2	SSW	7	o	55	87	5	4-5000	Cu	10	-	-	-	5																																																						
Felixstowe	1005.0	-4	SSW	5	r.q	50	92	0	2-3000	Cu	3	-	-	*	1009.8	+4	WSW	6	o	53	87	6	2-2000	St	7	-	-	-	*																																																						
Cranwell (Lincs)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1013.4	+5	W	4	og	53	75	2	5-7000	St	10	-	-	-	*																																																						
Bedford	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.1	+4	WSW	4	o	52	87	4	-	Cu	10	-	-	-	*																																																						
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1015.8	+4	W	5	o	55	75	6	-	St	9	Ast	1	-	*																																																						
London (Kew Obs.)	1012.3	56	W	5	oda	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																																																					
STATIONS CONTRIBUTING REPORTS AT 7h AND 19h.																																																																																			
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.																																																														
	at M.S.L.		Force 0-12.	at M.S.L.		Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dirac.	Force 0-12.	Max. °F.					Min. °F.	Morning.	Afternoon.	Night.																																																																
	m.b.			m.b.																																																																															
19H. G.M.T. OF 12 <sup>TH</sup>																												7H. G.M.T. OF 13 <sup>TH</sup>																												24 HOURS ENDED 7H. OF 13 <sup>TH</sup>																											
Lerwick	1012.4	50	ENE	4	orm	1007.6	-2	52	+2	SE	3	-	om	2	4	53	45	omd	omtr	om	*																																																														
Stornoway	1010.0	54	S	5	o	1013.8	+5	51	-1	NW	3	-	o	3	1	58	47	a.c.o.	a.c.o.	a.c.o.	0.7																																																														
Castlebay (Barra Is)	1009.8	51	N	5	o	1015.5	+3	52	-	WNW	4	NW	c	4	0.4	54	49	of.o	o	a.c.o.	0.2																																																														
Glasgow	1002.2	55	E	2	tlr	1009.9	+6	51	-6	WNW	3	-	om	*	54	67	51	otlfr	otlrm	otlrm	0.8																																																														
Malin Head	1006.3	51	WNW	7	Cm	1016.4	+5	51	-1	NW	5	W	cq	6	10	53	49	omrq	omrq	cq	0.0																																																														
Blackod Point	1014.1	53	NW	5	Cm	1020.9	+5	51	-4	NW	6	-	ogmp	4	0.2	55	46	omf	bc	ogufm	*																																																														
Roche's Point	1015.5	56	NW	5	o	1022.9	+4	53	+1	NW	5	NW	c	4	-	58	51	o	o	ogufm	*																																																														
Birr Castle	1012.0	54	W	3	c	1021.6	*	53	-2	W	2	W	c	*	56	56	48	tor	or.c	c	0.0																																																														
Donaghadee	1001.1	54	N	5	otlrf	1014.7	+8	50	-5	NNW	5	-	ogm	5	47	55	49	otlfr	otlfr	a.cram	*																																																														
Liverpool (Bidston)	1000.1	55	SSW	4	o	1012.0	+6	50	-16	WNW	8	W	o	6	5	70	49	of.bc	of	c.ofg	4.2																																																														
Holyhead	1002.5	53	WNW	4	oftr	1015.9	+6	52	-7	WNW	7	NW	cq	6	22	60	49	of	of.cot	ogufm	0.0																																																														
Pembroke (St. Ann's Head)	1011.3	51	W	7	og	1020.6	+5	51	-3	WNW	4	NW	og	?	22	54	50	og	og	ogufm	0.0																																																														
Silly (St. Mary's)	1020.1	56	W	6	om	1022.0	+2	53	-1	WNW	5	NW	cq	6	-	59	50	bc.c	c.ofm	of.cq	6.7																																																														
Jersey (St. Aubin)	1023.1	59	SW	5	b	1023.4	0	56	-2	W	4	-	o	3	-	61	55	ob	b.	b.o	10.3																																																														
Portland Bill	1017.0	57	SW	7	bc	1018.5	+2	56	-1	WSW	7	SW	bc	?	-	62	53	q.bc	bc.	cq.bc	*																																																														
Dungeness	1017.6	57	SW	7	ba	1015.2	+2	56	-5	SW	7	SW	cq	6	-	72	54	b.bc	bcq	cq	*																																																														
Wick	1008.5	52	NNE	3	om	1007.0	+2	50	+1	NW	4	-	fdv	3	4	52	49	omtl	omf	otlfr	*																																																														
Nairn	1007.3	52	ENE	1	om	1009.3	*	53	+1	NNW	2	-	cq	2	0.4	55	50																																																																		

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



# SUMMARY OF CONDITIONS AT 7 A.M. Friday, 13th June, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-W. 20-35	Moderate	Cloudy or dull, squally.	Good	Rough
2. E. England	SW-W. 15-28	"	Dull, squally.	Fair	Rather rough.
3. E. Midlands	SW-W. 15-28	"	Dull, rain in north	Ord.	"
4. W. Midlands	W-NW. 15-28	"	Dull.	"	"
5. S.W. England	SW-NNW. 15-28	"	Fair to dull, squally, local showers.	Good	Var.
6. South Wales	WNW. 15	"	Dull, squally.	"	Rough
7. North Wales	WNW. 35	"	Cloudy or dull, squally.	"	"
8. N.W. England	W-NW. 30-40	Rather cold	Dull, squally.	"	"
9. N. Midlands	W. 15-28	Moderate	Dull, rain in south.	Fair	"
10. N.E. England	W-N. 5-15	"	Cloudy, squally, wind 35mph at Spurn Head.	"	Var.
11. E. Scotland	NW. 5-15	"	Cloudy or dull, local mist	Var.	Slight
12. S.W. Scotland	NW. 10-20	"	Dull, gale at Stranraer	Good	Rough
13. Isle of Man	NW. 20-35	"	Dull, squally.	"	"
14. N. & N.W. Scotland	NW. 5-15	"	Dull, fog & drizzle at Wick	"	Slight
15. Hebrides	NW. 10-15	"	Cloudy or dull.	"	"
16. Orkneys and Shetlands	NW. 25-35	"	Dull, misty, wind SE, 10 at Lerwick.	Bad	"
17. N.W. Ireland	NW. 28	Rather cold	Dull, local mist & showers.	"	Med.
18. N.E. Ireland	NW. 20	Moderate	Fair to dull, squally.	"	Rough
19. S.E. Ireland	W-NW. 5-15	"	Cloudy.	Fair	Med.
20. S.W. Ireland	NW. 15-20	"	Cloudy or dull.	Good	Slight

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

The depression which crossed the British Isles from west to east yesterday is now centred over the North Sea and there are no indications of fresh disturbances. Showery weather with NWly. winds and cooler weather are probable generally.

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

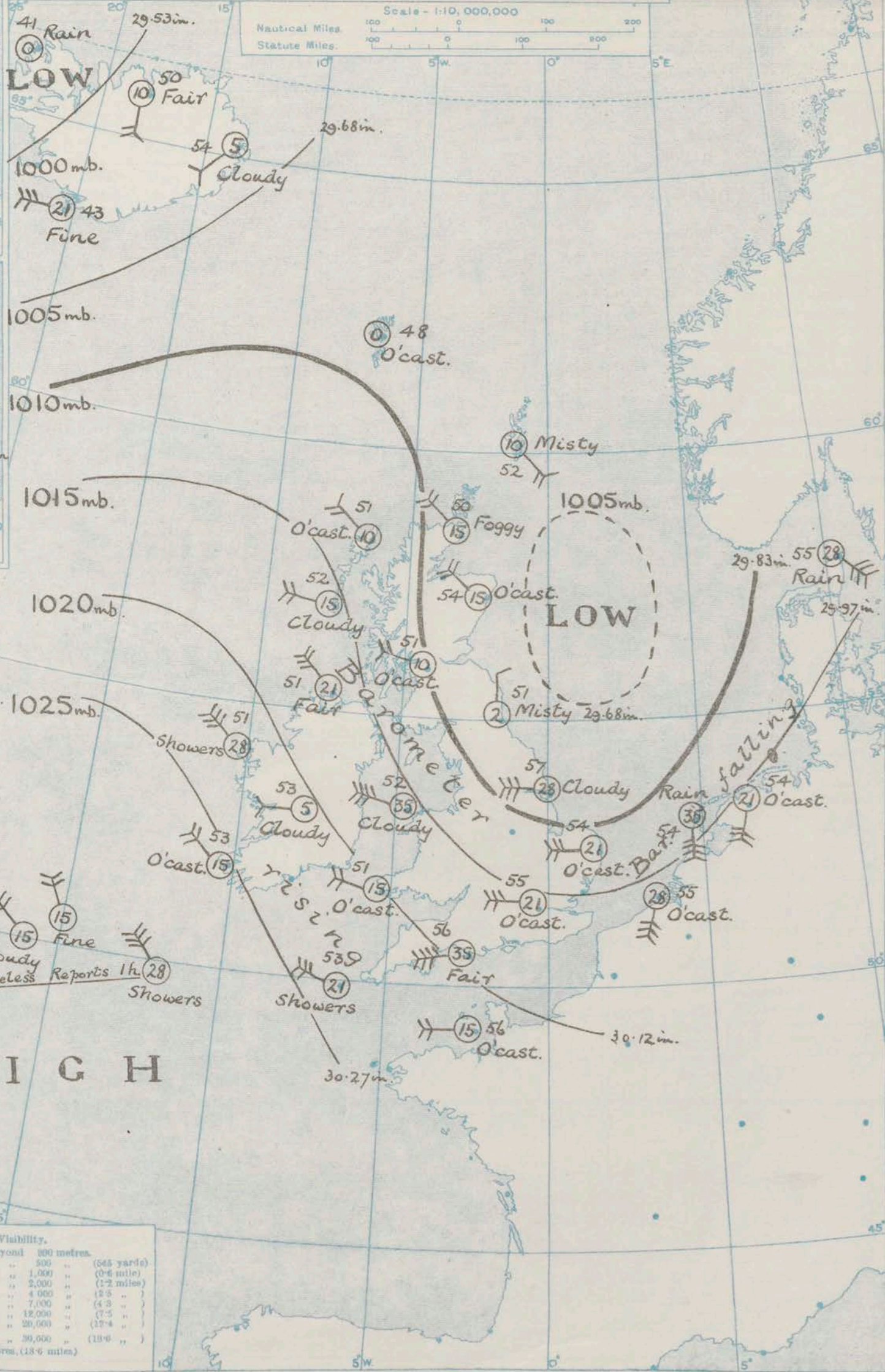
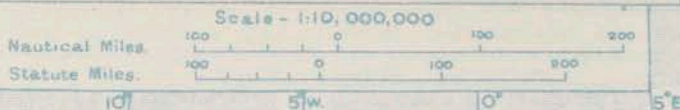
## Further Outlook.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Friday, 13th June, 1919
1. S.E. England	Fresh to strong W-NW. winds moderating gradually. Cloudy some showers, squally. Cooler than of late.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Moderate or fresh NW. wind. Changeable, fair intervals, some showers. Moderate temperature.
6. South Wales	
7. North Wales	Fresh or strong NW. winds, moderating gradually. Cloudy, some showers, squally. Moderate temperature.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	Moderate Nly. or variable winds. Some showers or rain, local sea fog. Moderate temperature.
15. Hebrides	
16. Orkneys and Shetlands	Moderate or fresh NW. winds. Changeable, fair intervals, some showers. Moderate temperature.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

The barometer is rising briskly in the rear of the depression and the NWly. wind current seems likely to persist for the next day or two. Showers are probable but there is no indication of further heavy rainfall.



# SYNOPTIC CHART FOR MORNING OF FRIDAY, 13<sup>th</sup> JUNE, 1919.



H I G H

## Scale of Surface Visibility.

Very Bad	Bad	Objects not visible beyond	800 metres
1	2	"	"
3	4	"	"
5	6	"	"
7	8	"	"
9	10	"	"
11	12	"	"
13	14	"	"
15	16	"	"
17	18	"	"
19	20	"	"
21	22	"	"
23	24	"	"
25	26	"	"
27	28	"	"
29	30	"	"
31	32	"	"
33	34	"	"
35	36	"	"
37	38	"	"
39	40	"	"
41	42	"	"
43	44	"	"
45	46	"	"
47	48	"	"
49	50	"	"
51	52	"	"
53	54	"	"
55	56	"	"
57	58	"	"
59	60	"	"
61	62	"	"
63	64	"	"
65	66	"	"
67	68	"	"
69	70	"	"
71	72	"	"
73	74	"	"
75	76	"	"
77	78	"	"
79	80	"	"
81	82	"	"
83	84	"	"
85	86	"	"
87	88	"	"
89	90	"	"
91	92	"	"
93	94	"	"
95	96	"	"
97	98	"	"
99	100	"	"



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 64 B

FRIDAY,  
13th JUNE

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 12th JUNE

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 12h-1h.	Day, 9h-12h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 12h-1h.	Day, 9h-12h.	to 17h.	Sunrise to Sunset.
Scotland.									Southport								
Banff	c	bc	61	51	0.4	-	0.9	0.7	Blackpool	c	c	73	57	-	0.5	5.5	12.5
Montrose	-	-	67	49	-	-	6.8	3.3	Douglas	-	-	74	56	-	0.4	7.0	11.4
St. Andrews	b	bz	57	49	Trace	-	3.6	4.3				63	53	1	1.4	2.4	3.8
Oban	o	ro	66	50	3	6	-	-									
England, N.E.									Midlands.								
Harrogate	bbc	abccp	77	57	-	-	8.7	8.2	Buxton	bc	bc	71	55	-	0.3	7.8	-
Skegness	b	cob	81	60	-	-	12.1	11.8	Leamington Spa	orbc	beco	67	56	-	0.6	8.0	12.6
									Malvern	c	c	65	52	-	0.3	1.0	15.0
									Ross-on-Wye	-	-	70	54	-	-	5.2	12.4
England, E.									Wales.								
Felixstowe	b	b	73	59	-	-	12.1	12.1	Rhyl	bcpc	c	78	55	0.5	1	3.0	6.4
Walton-on-Naze	-	-	-	-	-	-	-	-	Colwyn Bay	-	-	63	57	1	0.4	4.0	8.1
Southend-on-Sea	bbcm	bm	77	62	-	-	12.2	12.7	Llandudno	op	c	65	56	1	0.4	2.8	7.8
									Aberystwyth	or	o	58	52	-	0.1	-	18.8
England, S.E.									England, S.W.								
Brighton	-	-	72	58	-	-	9.3	12.1	Bude	oro	o	58	52	2	1	1.8	13.9
Margate	b	b	75	55	-	-	12.0	7.5	Llfracombe	ccor	orq	59	52	1	Trace	2.2	-
Ramsgate	-	-	71	46	-	-	11.8	8.2	Weymouth	bc	b	65	57	-	-	9.0	12.0
Hastings	obcb	b	70	57	-	-	10.8	9.4	Torquay	b	b	60	55	-	0.1	9.4	13.5
Eastbourne	o	bc	61	52	-	-	-	9.6	Penzance	bcpr	bc	61	54	1	0.4	6.2	13.0
Worthing	bc	bc	63	59	-	-	10.0	11.6	Newquay	bpcq	bcq	58	53	1	0.2	4.5	13.3
Littlehampton	b	b	71	58	-	-	10.0	11.7	Weston-s-Mare	abcp	pcr	66	59	-	1	2.0	13.0
Bournemouth	-	-	62	58	-	-	9.0	10.5	Paignton	-	-	65	58	-	-	8.2	13.5

## 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-12h.	12h-18h.				Day.	Night.	
†Houton Bay (Ockney)...	r.f.	r.f.	of	ef	51	45	*	*	*	*
Eskdalemuir	czotp	ortrc	bbe	bbdptg	74	38	3.4	3	-	5.9
†Stranraer	r.f.	22qg	q.r	↓	66	49	*	*	*	*
†Lough Foyle	r.	bc	cmq	↓	*	*	*	*	*	*
Valencia (Cahirciveen)...	oc	ocyc	omr	deo	56	52	4.9	-	-	1.1
†Anglesey (Llangefni)...	r.g	r.g	r	og	63	53	*	*	*	*
Falmouth	ccqp	ccqp	og	ogo	59	53	5.2	1	-	8.9
†Calshot (Hants)...	co	bcq	b.dp	bc	66	53	*	*	*	*
†Capel (Folkestone)...	bcz	bcq	b.o	og	69	51	*	*	*	*
Aberdeen	ormbc	bcmz	r.p	bcmb	62	52	5.2	-	0.2	4.8
†East Fortune	co	22r	of.p	gpd	67	52	*	*	*	*
†Howden	co	coq	r.g	pdg	83	49	*	*	*	*
†Felixstowe	bbcg	bcz	bcq	og	73	55	*	*	*	*
†Cranwell (Lincs)...	bbcu	bcz	r	cpdo	80	49	*	*	*	*
†Bedford	coq	coq	*	pdg	78	50	*	*	*	*
Benson	abco	bc	*	*	71	50	4.7	0.2	10	*
London (Kew Obey)...	bbq	bcq	opdq	coorco	72	50	5.0	-	1	10.8

## BEAUFORT NOTATION.

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

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.5-3.3
3	8-12	3.3-5.4
4	13-18	5.4-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.9
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

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

**SYMBOLS.**  
Aurora ☄ Solar halo ☉  
Rime ❄ Lunar halo ☾  
Glazed frost ☁ Solar corona ☉  
Glazed rime ☁ Lunar corona ☾

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall.	Sun- shine to Sunset.	HUMIDITY %	
	Morning.	Afternoon.	Night.				in.	Hours.	15 h. G.M.T.	9 h. G.M.T.
	24 HOURS ENDED 9h G.M.T. 13 <sup>th</sup> .....							YESTERDAY.		TO-DAY.
Greenwich (Royal Observatory)	c	c	o	72	53	50	1.0	12.9	53	71
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	10.3	*	*
Westminster (St. James's Park)	*	*	*	75	54	50	0.8	10.8	65	84
" (Admiralty Arch)	ogbcg	bcgp	ogbcg	73	54	*	0.6	10.5	64	79
Camden Sq. (British Rainfall)	bc	bc	*	72	52	52	1.0	9.4	49	73
Kensington Palace ... ..	abc	o	*	77	59	52	1.2	*	56	72
Richmond Park .. ...	*	*	*	*	*	*	*	1	*	*

## SOUTH KENSINGTON (Meteorological Office).

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

13th JUNE 1919.			
Stations.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth...	3.32	11.53	8.14
Greenwich	3.45	12.0	8.16
Wick	3.8	12.12	8.17
Valencia	4.23	12.41	8.59

## NOTES ON THE WEATHER OF YESTERDAY.

Except locally in the south of England rain fell in all localities accompanied by thunderstorms in many instances. In parts of Ireland and Scotland the rainfall was heavy, 56 mm. being measured at Birr Castle, 54 mm. at Glasgow and 44 mm. at Donaghadee.

Little sunshine was experienced except in east and south-east England where some very good records were obtained (14 hours at Yarmouth, 13.7 hours at Clacton). Temperature reached 83° at Bedford, but the maximum was below 60° at many western and northern stations.

† Air Ministry Station.

\* Information for these columns not usually received.





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

No 2,023B SATURDAY, 14<sup>TH</sup> JUNE, 1919.

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

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 19h.																													
STATIONS.	BAROM	↓	WIND.		Weather	TEMP.	Humidity.	Visibility.	Height	Low Cloud.		Upper Cloud.		Sea	BAROM	↓	WIND.		Weather	TEMP.	Humidity.	Visibility.	Height	Low Cloud.		Upper Cloud.		Sea	
	at	Change		Force		°F.	%	0-10.	Feet.	Form.	Amt.	Form.	Amt.	0-9.	at	Change		Force		°F.	%	0-10.	Feet.	Form.	Amt.	Form.	Amt.	0-9.	
	M.S.L.	in 3	Dir.	0-12.											M.S.L.	in 3	Dir.	0-12.											
	m.b.	hours.												m.b.	hours.														
13h. G.M.T. OF 13 <sup>TH</sup>															19h. G.M.T. OF 13 <sup>TH</sup>														
Houton B. (Orkney)	1015.4	+8	NW	6	om	50	92	4	2-3000	Scu	10	-	-	5	1018.4	+6	NW	6	0	60	92	4	2-3000	Scu	8	Cu	1	5	
Eskdalemuir	1015.9	+7	NW	5	bc	59	65	5	-	Cu	3	Ci	1	*	1021.9	+5	NW	5	b	57	65	6	-	Cu	1	-	-	*	
Stranraer	1019.2	+7	NW	7	0	55	87	6	2-3000	Scu	7	Ac	1	*	1025.2	+5	NW	5	b	53	85	7	14-2000	Scu	3	-	-	*	
Lough Foyle	1023.0	+5	WNW	5	bc	55	92	5	3-4000	Nb	6	-	-	3	1028.3	+6	WNW	5	b	53	87	6	3-4000	Cu	2	Ci	1	3	
Valencia (Cahire'n)	1029.1	+6	NW	5	C	58	65	8	2-3000	Cu	10	-	-	4	1030.3	+1	NW	4	b	57	75	8	2-3000	Cu	3	-	-	3	
Anglesey (Llangefni)	1022.7	+2	WNW	5	0	56	55	7	5-1000	Scu	0	-	-	4	1025.9	+4	N	2	C	58	65	7	5-7000	Scu	8	-	-	4	
Falmouth	1026.1	+2	NW	5	bc	60	55	6	-	Cu	5	-	-	*	1027.8	+2	WNW	5	Z	60	55	5	-	-	-	-	-	*	
Calshot (Hants)	1021.8	0	WNW	5	C	62	92	7	3-4000	Cu	9	-	-	6	1024.0	+3	NW	4	bc	65	75	7	5-7000	Scu	4	-	-	4	
Capel (Folkestone)	1019.9	+4	WNW	3	0	59	75	5	3-4000	Scu	-	-	-	4	1022.5	+3	WNW	3	bc	64	55	6	3-4000	Scu	2	ASr	2	3	
Aberdeen	1015.9	+6	NW	5	0	52	75	7	-	Nb	-	-	-	4	1019.5	+6	WNW	6	b	58	45	8	-	Cu	2	-	-	4	
East Fortune	1014.3	+8	-	-	C	60	75	5	3-4000	Ci	7	-	-	*	1020.7	+7	WNW	3	bc	60	65	7	5-7000	Scu	6	-	-	*	
Howden														*	1021.2	+6	NE	2	0	57	87	5	2-3000	Scu	8	-	-	*	
Felixstowe	1018.6	+6	WNW	5	0	58	85	6	2-3000	Scu	10	-	-	5	1022.8	+5	WNW	3	0	59	92	6	2-3000	Scu	10	-	-	*	
Cranwell (Lincs)	1017.5	+8	WNW	5	0	52	87	6	12-2000	Scu	8	-	-	*	1022.0	+5	WNW	3	0	58	75	6	3-4000	Scu	8	-	-	*	
Bedford	1019.1	+4	WNW	2	om	59	75	2	2-3000	Scu	10	-	-	*	1022.8	+5	WNW	4	q	61	55	-	4-5000	Scu	3	-	-	*	
Benson	1019.6	+4	NW	5	C	62	65	5	-	-	-	-	-	*	1023.2	+4	NW	5	C	63	65	7	-	Cu	5	-	-	*	
London (Kew Obs.)	1020.1	+4	W		om	61	65	7	-	Scu	9	ASr	1	*	1023.4	+4	NW	4	b	65	55	7	-	Cu	2	-	-	*	
1h. G.M.T. OF 14 <sup>TH</sup>															7h. G.M.T. OF 14 <sup>TH</sup>														
Houton B. (Orkney)	1022.7	+2	WNW	6	bc	46	97	4	2-3000	Scu	1	Ci	3	4	1024.6	+2	W	6	om	50	82	4	3-4000	Scu	1	Ci	9	4	
Eskdalemuir	1027.2	+4	SE	4	b	43	87	6	-	-	-	-	-	*	1028.7	+2	SSE	1	b	49	87	6	-	Cu	1	Ci	2	*	
Stranraer														*	1028.8	+1	-	0	bc	53	87	7	3-4000	Cu	4	Ci	1	*	
Lough Foyle														*	1030.0	+1	SSW	5	0	50	55	10	2-3000	Scu	9	-	-	3	
Valencia (Cahire'n)	1030.8	0	WNW	2	bc	50	*	*	*	*	*	*	*	*	1029.7	-1	NE	1	0	47	98	8	-	Scu	9	-	-	3	
Anglesey (Llangefni)														*	1029.7	0	-	0	b	52	82	8	-	-	-	-	1		
Falmouth	1029.4	+1	WNW	3	W	50	92	6	-	-	-	-	-	*	1029.4	0	WNW	2	b	56	92	6	-	-	-	-	-	*	
Calshot (Hants)	1028.6	+4	WNW	2	C	59	85	8	3-4000	Scu	4	-	-	4	1029.2	+1	-	0	b	54	82	5	-	-	-	-	-	2	
Capel (Folkestone)	1027.4	+2	N	3	b	48	92	6	-	-	-	-	-	3	1029.0	+3	N	1	bcz	56	87	5	-	Scu	6	-	-	2	
Aberdeen														*	1027.3	+2	-	0	b	54	55	7	-	-	-	-	-	2	
East Fortune	1026.1	+5	WSW	2	b	48	87	-	3-4000	Scu	1	-	-	*	1027.3	+1	SSW	2	b	51	82	5	4-5000	Scu	1	Ac	2	*	
Howden	1026.2	+5	-	-	W	43	97	5	-	-	-	-	-	*	1028.6	+4	-	0	b	51	87	8	-	-	-	-	-	*	
Felixstowe	1027.1	+2	-	-	0	53	92	-	-	-	-	-	-	3	1029.5	+3	-	0	b	57	82	5	-	-	-	-	-	3	
Cranwell (Lincs)	1027.1	+3	N	2	b	47	92	4	2-3000	Scu	2	-	-	*	1028.7	+2	N	1	bc	53	87	5	2-3000	Scu	2	ASr	2	*	
Bedford														*	1029.1	+4	-	0	bcz	54	75	-	2-3000	-	-	-	-	*	
Benson		*	*	*	*	*	*	*	*	*	*	*	*	*	1028.4	+2	N	1	b	51	82	3	-	-	-	-	-	*	
London		*	*	*	*	*	*	*	*	*	*	*	*	*	1029.2	+2	N	1	bm	53	75	4	-	-	-	-	-	*	
London (Kew Obs.)	1027.7	+3	W	1	b	54	*	*	*	*	*	*	*	*															

STATIONS CONTRIBUTING REPORTS AT 7h AND 19h.

STATIONS.	BAROM. at M.S.L. m b.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.
			Dir. of 0-12.	Force 0-12.		Temp. °F.	Change in 24 hours.	Dir. of 0-12.	Force 0-12.	Max. °F.	Min. °F.					Morning.	Afternoon.	Night.			
Lerwick	1014.7	54	W	6	cm	1023.3	+3	52	0	W	2	W	cm	2	5	53	49	omr	omr	cm	
Stornoway	1022.0	54	W	5	bcq	1024.6	-1	52	+1	W	6	-	cg	5	-	58	45	o.b.cq	bcq	cg	10.1
Castlebay (Harris)	1024.6	54	WNW	4	b	1026.1	0	52	0	SSW	4	-	o	4	-	56	50	c.b	b.	bc.o	12.3
Glasgow	1022.7	57	W	4	b	1027.6	+1	50	-1	W	2	-	bc	*	-	59	45	o.c.bq	bc.bq	bf	12.0
Malin Head	1025.4	54	NW	4	bmj	1026.1	0	49	-2	SSE	3	-	bc	3	-	55	45	bcq	bcq	bc	9.2
Blackod Point	1028.5	55	WNW	3	bc	1026.6	-2	52	+1	S	3	-	ogn	3	-	58	46	bc.	bc	bc.og	*
Roche's Point	1028.8	59	NNW	2	bu	1030.1	0	52	-1	NNW	1	-	b	1	0.1	61	47	or2	o.b.c.b	bw	*
Birr Castle	1028.5	61	W	1	c	1028.7	*	52	-1	NW	1	-	c	*	-	61	42	c	c	c	6.6
Dunaghadree	1025.3	56	N	3	bcz	1028.5	+1	51	+1	WSW	2	-	bcm	2	-	58	42	cg.m	bcq	bcqm	*
Liverpool (Bilston)	1024.4	57	W	6	b	1029.3	+1	54	+4	NW	1	-	b	2	-	58	50	o.b.c.	h.bq	b	3.2
Holyhead	1026.0	56	WNW	4	bc	1029.3	0	52	0	-	0	-	bz	0	0.1	59	44	cp.q.c	c.o.bc	c.b.c.bw	4.9
Pembroke (St. Ann's Head)	1027.6	54	NW	2	c	1029.8	+1	54	+3	NE	1	-	b	1	-	59	49	cg	bc	bc.c	7.0
Silly (St. Mary's)	1028.9	57	NW	4	bc	1029.9	0	57	+4	NNW	1	-	b	3	-	60	50	z	c.b.c.b	bm	6.1
Jersey (St. Aubin)	1027.1	58	WNW	4	b	1027.9	0	56	0	NE	4	-	b	3	-	60	51	o.c.o	o.b.	b	4.3
Portland Bill	1025.2	60	NW	4	b	1029.4	+1	56	0	NNE	3	-	b	3	-	60	48	c.b.c	bc.b	b	
Dunegness	1021.8	58	SW	4	b	1028.0	+1	54	-2	N	2	-	bc	2	-	60	45	cg.	cg.c	c.b.bc	*
Wick																					
Nairn	1019.1	52	NW	5	og	1025.5	+1	53	+3	W	1	-	bc	1	0.2	55	42	f.o.cmq	cmq.o	og.b.bc	*
Leith	1020.2	58	W	4	bc	1025.6	*	54	+1	W	2	-	bc	1	-	60	42	c.b.cq	c.b.cq	bcq	5.1
Tynemouth	1020.3	62	NW	2	c	1027.3	+1	51	-5	W	1	NW	bc	1	8	64	45	omr.o.c	c.b.c.c	c.bz.bc	*
Spurn Head	1020.8	52	NNW	1	C	1028.2	+4	53	+2	W	1	-	bm	2	2	57	45	omqr	o	bm.bm	*
Yarmouth (Gorleston)	1021.3	55	NNW	4	CV	1028.6	+2	53	-4	NW	2	-	c	3	1	59	51	og.p	og.pcv	C	0.0
Clacton-on-Sea	1020.4	56	WNW	5	o	1028.1	+4	56	+2	N	2	-	b	1	-	59	50	pcq.o	o	b.omp	0.6
Nottingham	1021.7	61	NNW	3	o	1028.6	+3	56	+1	NNW	2	-	bz	1	-	61	48	og	og	o.c.bz	0.0
	1021.0	59	WNW	5	C	1029.1	*	52	-1	SW	1	-	bm	*	0.2	61	45	o.c.b	op.c	bc.b	4.8



# SUMMARY OF CONDITIONS AT 7 A.M. Saturday, 14th June, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NE-NW. 2-10	Moderate	Fine or fair, local haze	Ord.	Smooth
2. E. England	N-NNW. 0-5	"	Fine or fair, local haze	"	Slight
3. E. Midlands	Var. 0-2	"	Fine, local haze	Poor	-
4. W. Midlands	Var. 0-2	"	Fine.	-	-
5. S.W. England	NNW-NE. 2-15	"	Fine, local haze	Var.	Slight
6. South Wales	NE. 2	"	Fine.	Ord.	Smooth
7. North Wales	Calm	"	Fine, local haze.	V. good	"
8. N.W. England	NW. 2	"	Fine.	Ord.	"
9. N. Midlands	NW. 0-2	"	"	"	-
10. N.E. England	NNE-E. 0-5	"	Fine to cloudy, local	Good	Slight
11. E. Scotland	SW-W. 0-5	"	Fine or fair. mist.	"	Smooth
12. S.W. Scotland	Var. 0-5	"	Fine or fair	"	"
13. Isle of Man	W-NW. 2-5	"	Fine or fair	"	"
14. N. & N.W. Scot- land	W. 2-15	Rather warm	Fair to cloudy.	Ord.	Mod.
15. Hebrides	SW-W. 15-25	Moderate	Cloudy or dull, squally	"	Rather rough
16. Orkneys and Shetlands	W. up to 25	Rather warm	Cloudy or dull, misty.	Poor	Slight
17. N.W. Ireland	S. 10	Rather cool	Overcast	Ord.	"
18. N.E. Ireland	SSE-WSW. 2-10	"	Fair, misty.	Poor	"
19. S.E. Ireland	NW-NE. 2	Ord.	Fine to cloudy.	Ord.	Smooth
20. S.W. Ireland	NNW-NE. 2	Cool	Variable sky.	Good	Slight

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

An anticyclonic wedge lying over the British Isles will maintain fair or fine weather in all but the extreme western districts, which will probably be influenced by a new depression advancing from the Atlantic.

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

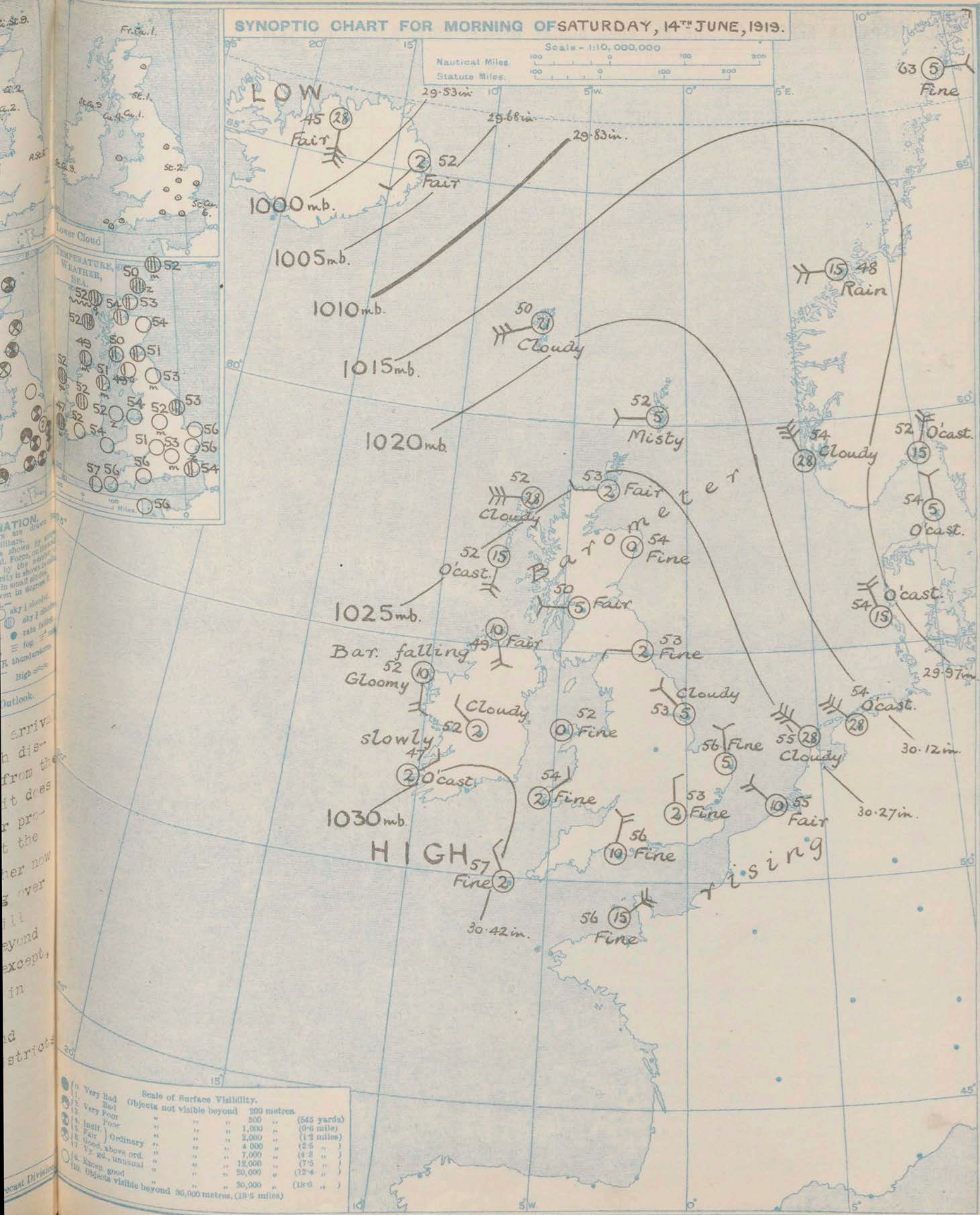
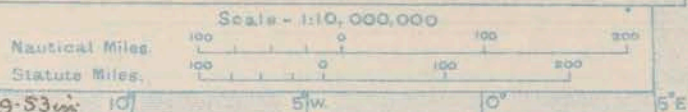
## Districts. Forecasts for the 24 hours commencing 3 p.m. Saturday, 14th June, 1919

1. S.E. England	Light N. by. or variable winds. Fair or fine. Rather warm.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Light variable winds freshening later from S-SW. Fine early, uncertain later. Rather warm.
6. South Wales	
7. North Wales	
8. N.W. England	
9. N. Midlands	Same as for 1-4
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Same as for 5-8
13. Isle of Man	
14. N. & N.W. Scot- land	
15. Hebrides	Fresh SW. wind. Cloudy, some showers or rain. Moderate temperature.
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	Wind S. to SW. strong at times. Dull, some rain.
19. S.E. Ireland	
20. S.W. Ireland	

**Further Outlook.**  
 With the arrival of a fresh disturbance from the Atlantic it does not appear probable that the fine weather now prevailing over England will persist beyond tomorrow except, possibly, in the south eastern and eastern districts.



SYNOPTIC CHART FOR MORNING OF SATURDAY, 14<sup>TH</sup> JUNE, 1919.



Scale of Surface Visibility.

Objects not visible beyond 200 metres.			
1. Very Bad	"	500	(545 yards)
2. Bad	"	1,000	(0.6 mile)
3. Very Poor	"	2,000	(1.2 miles)
4. Indef.	"	4,000	(2.5 "
5. Fair	"	7,000	(4.3 "
6. Good	"	12,000	(7.5 "
7. V. gd., unusual	"	20,000	(12.4 "
8. Except good	"	30,000	(18.0 "
Objects visible beyond 30,000 metres, (18.5 miles)			



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 165 B

SATURDAY,  
14<sup>TH</sup> JUNE

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR

STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-1h.	Day. 12h-1h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-1h.	Day. 12h-1h.	to 17h.	Sunrise to Sunset.
Scotland.									England, N.E.								
Banff ...	or	bc	56	50	1	0.2	2.2	2.9	Southport ...	ogebc	beb	58	51	6	-	3.5	5.5
Montrose ...	-	-	59	51	-	5	2.4	6.8	Blackpool	-	-	59	51	2	-	4.0	7.0
St. Andrews ...	r	b	63	50	0.4	4	3.1	3.6	Douglas	-	-	57	48	8	-	8.0	2.4
Oban	co	cbe	56	50	-	-	5.1	-									
England, N.E.									Midlands.								
Harrogate ...	obc	bcc	60	46	4	-	2.2	9.0	Buxton ...	rcb	cb	55	45	16	3	1.1	7.8
Skegness ...	o	o	60	52	2	-	-	13.0	Leamington Spa...	ocbbe	bez	63	50	3	-	4.5	8.0
									Malvern ...	bc	bcc	62	49	5	-	5.0	1.0
									Ross-on-Wye ...	cbeb	bybc	66	50	10	-	5.0	5.2
England, E.									Wales.								
Felixstowe ...	og	og	59	54	0.5	-	-	13.7	Rhyl ...	obc	cbe	58	49	14	-	4.9	3.2
Walton-on-Naze...	omq	ocbc	66	55	-	-	2.0	14.0	Colwyn Bay ...	-	-	58	49	6	-	1.3	4.0
Southend-on-Sea...									Llandudno ...	op	o	59	50	10	-	1.8	2.8
									Aberystwyth ...	roo	cbe	57	52	0.1	-	0.5	-
England, S.E.									England, S.W.								
Brighton	-	-	69	56	-	-	7.5	9.8	Bude	obc	b	60	51	0.3	-	7.1	1.8
Margate ...	-	-	62	53	1	-	0.3	14.0	Teignmouth	b	b	63	55	0.4	-	5.7	2.2
Ramsgate ...	o	o	59	44	-	-	1.2	13.3	Ilfracombe	oc	cbe	58	52	4	-	3.3	10.2
Hastings ...	o	obc	64	54	-	-	2.4	12.5	Weymouth ...	cbe	cbt	67	55	-	-	8.3	10.1
Eastbourne...	o	b	62	53	-	-	0.8	-	Torquay ...	ocbeb	b	63	55	-	-	7.0	6.6
Worthing ...	bcb	b	69	55	-	-	8.4	10.5	Penzance ...	cbe	bcb	62	54	-	-	6.6	4.9
Littlehampton ...	b	b	70	56	-	-	8.5	10.5	Newquay ...	c	b	59	53	-	-	5.4	2.0
Bournemouth ...	-	-	65	54	-	-	8.8	10.0	Weston-s-Mare ...	obcc	b	66	53	2	-	5.0	9.4
									Paignton	-	-	65	57	-	-	-	-

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	Rainfall.		Sun. Hours.
	7h-12h.	12h-1h.	1h-12h.	1h-7h.				Day. 7h-12h.	Night. 12h-7h.	
†Houton Bay (Orkney)...	om	*	bccz	bbcz	52	46	*	*	*	*
Esksdalemuir ...	ormbcq	bcq	b	bbw	61	39	30	2	-	67
†Stranraer ...	2co	bccq	*	bcc	65	41	*	*	*	*
†Lough Foyle ...	bccq	*	*	bcc	56	46	*	*	*	*
Valencia (Cahirciveen) ...	oc	cbeb	bc	bw	58	41	38	-	-	77
†Anglesey (Llangefni) ...	og	oco	obcc	bcc	60	36	*	*	*	*
Falmouth ...	bcq	beyby	bbw	bw	63	48	41	-	-	8.9
†Calshot (Hants) ...	c.o	bcc	o	bcc	66	47	*	*	*	*
†Capel (Folkestone)...	og	ocv	bcc	bccz	65	48	*	*	*	*
Aberdeen ...	org	cbebq	*	bgp	60	42	34	2	-	6.1
†East Fortune ...	or	q.bcc	bcb	b	66	46	*	*	*	*
†Howden ...		capd	bccz	z	59	39	*	*	*	*
†Felixstowe ...	og	ro	og	bccz	62	44	*	*	*	*
†Cranwell (Lines) ...	c.o	omo	bcc	bccz	59	44	*	*	*	*
†Bedford ...	omp	qp	*	z	64	46	*	*	*	*
Benson ...	oc	bc	*	*	66	40	33	-	-	*
London (Kew Obs.) ...	oco	obeyby	b	bybbm	66	45	33	-	-	5.0

## BEAUFORT NOTATION.

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

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.3
3	8-12	3.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.6
12	Above 75	33.6 or above

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

**SYMBOLS—**  
Aurora ☆ Solar halo  
Rime ♄ Lunar halo  
Glazed frost ∞ Solar corona  
Glazed roads ∞ Lunar corona

## LONDON OBSERVATIONS.

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp.	Min. Temp.	Min. on Grass.	Rain- fall.	Sun- shine to Sunset.	HUMIDITY %	
	Morning.	Afternoon.	Night.	° F.	° F.	° F.	mm.	Hours.	15 h. G.M.T.	9 h. G.M.T.
	24 HOURS ENDED 9H G.M.T. 14 -							YESTERDAY.		TO-DAY
Greenwich (Royal Observatory)	oc	bc	b	68	45	38	-	5.0	53	64
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	4.5	*	*
Westminster (St. James's Park)	*	*	*	68	47	40	-	5.0	68	75
.. (Admiralty Arch)	ogbc	bcb.	bbz.	68	56	*	-	5.4	63	70
Camden Sq. (British Rainfall)	co	bc.	*	70	46	44	-	5.3	56	63
Kensington Palace ... ..	bc	bz	*	67	44	36	-	*	52	62
Richmond Park .. ...	*	*	*	*	*	*	*	*	*	*

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.

Total 1252 Joules.

Average Rate 21.1 Milliwatts.

Maximum Rate 77.

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

14 <sup>TH</sup> AND 15 <sup>TH</sup> JUNE 1919.			
Stations.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth...	3.31	11.53	8.14
Greenwich	3.44	12.0	8.16
Wick	3.7	12.12	8.17
Valencia	4.22	12.41	8.59

## NOTES ON THE WEATHER OF YESTERDAY.

The North-Westerly winds were associated with lower air temperature, London being the only locality where 70° was reached. Rainfall was chiefly confined to the north-east coast of England and the east of Scotland, the highest measurement being 8 mm. at Edinburgh. Sunshine was most abundant in the west

of Scotland where more than 12 hours were registered.





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

No 2424B ..... SUNDAY.. 15<sup>th</sup> JUNE... 1919.

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

STATIONS.	BAROM.	†	WIND.		Weather.	TEMP.	Humidity.	Visibility.	Height	Low Cloud.		Upper Cloud.		Sea	BAROM.	†	WIND.		Weather.	TEMP.	Humidity.	Visibility.	Height	Low Cloud.		Upper Cloud.		Sea											
	at	Change		Force		°F.	%	0-10.	Feet.	Form.	Amt.	Form.	Amt.	0-9.	at	Change		Force		°F.	%	0-10.	Feet.	Form.	Amt.	Form.	Amt.	0-9.											
	M.S.L.	in 3	Dir.	0-12.							0-10.				M.S.L.	in 3	Dir.	0-12.							0-10.														
	m.b.	hours.												m.b.	hours.																								
13H. G.M.T. 14 <sup>h</sup>															18H. G.M.T. OF 14 <sup>h</sup>																								
Houton B.(Orkney)	10244	-2	SSE	5	bc	54	85	7	5-7000	Cu	1	A.Sr	4	3	10217	-3	SSE	5	bcz	51	92	5	-	-	-	C.Sr	4	3											
Esksdalemuir ...	10266	-2	S	5	Z.	60	66	6	4-5000	F.Cu	1	Ci.Sr	1	*	10247	-2	S	5	b	57	55	7	-	-	-	Ci	1	*											
Stranraer ...	10275	-1	S	3	b	58	75	8	4-5000	Cu	2	Ci	1	*	10247	-4	S	3	b	55	75	8	-	-	-	Ci.Sr	1	*											
Lough Foyle ...	10256	0	SSW	5	o	55	75	5	4-5000	Cu	8	-	-	3	10213	-2	SSW	5	bc	58	75	7	4-5000	Cu	5	-	3												
Valencia (Cahire'n)	10278	-1	S	3	o	56	65	8	3-4000	Cu	9	-	-	3	10258	-2	S	5	bc	59	65	7	3-4000	Cu	5	-	3												
Anglesey (Llangefni)	10284	-2	-	o	bc	62	65	8	3-4000	Cu	5	-	-	1	10266	-3	SW	2	bc	58	65	8	-	-	-	Ci	1	2											
Falmouth ...	10287	-2	SSE	3	b	62	65	6	-	-	-	-	-	*	10269	-2	SSE	2	bz	59	65	6	-	S.Cu	1	Ci	1	*											
Calshot (Hants) ...	10284	-1	SE	3	b	?	85	5	-	-	-	-	-	4	10267	-2	ESE	2	b	62	87	6	-	-	-	-	-	4											
Capel (Folkestone)	10294	0	E	3	b	61	75	8	5-7000	F.Cu	1	-	-	4	10281	-1	ESE	2	b	58	55	8	-	-	-	-	-	2											
Aberdeen ...	10259	-1	SSE	5	b	58	45	7	-	-	-	Ci	1	3	10230	-3	SSE	5	b	55	75	7	-	-	-	S.Cu	2	3											
East Fortune ...	10261	-3	ENE	1	b	61	75	6	5-7000	F.Cu	1	Ci	1	*	10231	-3	-	o	bc	63	75	6	-	-	-	Ci.Sr	5	*											
Howden ...	10274	-1	SE	2	b	67	75	5	7-9000	Cu	4	-	-	*	10252	-2	E	3	b	63	85	5	-	-	-	A.Sr	3	*											
Felixstowe ...	10296	0	SE	3	b	62	75	8	-	-	-	A.Cu	1	2	10254	0	SSE	3	b	59	75	8	-	-	-	-	-	2											
Cranwell (Lincs) ...	10274	-2	SSW	3	C	68	55	6	3-4000	Cu	7	-	-	*	10254	-2	SSE	1	bc	68	55	5	3-4000	F.Cu	3	Ci	2	*											
Bedford ...	10277	0	-	-	Z	69	55	6	3-4000	Cu	7	-	-	*	10260	-2	S	1	om	67	55	6	3-2000	Cu	8	-	-	*											
Benson ...	10277	-1	SSE	2	c	70	55	4	-	-	-	-	-	*	10261	-2	SSW	2	b	68	55	5	-	-	-	-	-	*											
London (Kew Obs.)	10278	-2	SE	2	Z	68	55	6	-	-	-	-	-	*	10265	-1	SW	2	bc	71	45	7	-	-	-	Cu	2	A.Cu	1	*									
1H. G.M.T. OF 15 <sup>h</sup>															7H. G.M.T. OF 15 <sup>h</sup>																								
Houton B.(Orkney)	10175	-4	SSE	3	om	47	97	4	3-4000	Sr	7	A.Cu	3	2	10139	-3	SSE	5	rf.	49	98	4	1 1/2-2000	sr	8	-	-	2											
Esksdalemuir ...	10230	-3	S	2	Z.	43	92	5	-	Sr	2	Ci.Sr	5	-	10232	-1	SSW	4	o	51	92	5	1 1/2-2000	sr	10	-	-	*											
Stranraer ...	10215	-2	SSW	3	bcc	52	92	6	3-4000	Sr.Cu	5	-	-	*	10208	-1	S	3	o	52	92	8	3-4000	sr	8	A.Sr	2	*											
Lough Foyle ...	10231	-1	SSW	1	o	54	*	*	*	*	*	*	*	*	10215	0	S	4	o	55	82	8	2-3000	sr	9	A.Sr	1	*											
Valencia (Cahire'n)	10242	-3	SSW	1	o	48	92	-	5-7000	Sr.Cu	7	A.Sr	1	3	10235	0	SW	3	o	54	87	7	1-1000	sr	10	-	-	3											
Anglesey (Llangefni)	10257	-2	NW	3	w	49	87	7	-	-	-	-	-	*	10243	0	NW	1	b	56	75	6	-	-	-	-	-	*											
Falmouth ...	10264	-1	NE	1	b	57	92	7	-	-	-	-	-	4	10262	0	ENE	2	o	57	92	6	2-3000	Cu	9	-	-	4											
Calshot (Hants) ...	10275	0	ESE	2	w	49	92	8	-	-	-	-	-	2	10260	-1	SE	2	b	53	87	8	-	-	-	-	-	3											
Capel (Folkestone)	10191	-5	S	3	U	48	97	5	1-3000	Sr	4	A.Cu	3	*	10183	-1	S	3	om	52	82	6	-	sr	10	-	-	2											
Aberdeen ...	10213	-3	S	3	c	52	75	-	3-4000	Nb	2	A.Cu	6	*	10197	0	SSW	2	o	54	82	5	5-7000	Sr.Cu	10	-	-	*											
East Fortune ...	10247	-2	-	o	of	44	-	-	-	-	-	-	-	*	10243	+1	-	o	om	50	98	2	-	-	-	A.Sr	4	*											
Howden ...	10271	-1	SSW	3	b	53	87	-	-	-	-	-	-	3	10276	+1	S	2	b	59	82	6	-	-	-	-	-	3											
Felixstowe ...	10239	-4	ESE	1	b	48	97	5	3-4000	Sr	1	Nb	1	*	10245	+1	WSW	3	b	58	75	6	4-5000	Sr	2	A.Sr	2	*											
Cranwell (Lincs) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10253	0	SSW	2	bz	61	65	-	4-5000	-	-	-	-	*											
Bedford ...	10263	0	-	-	b	56	*	*	*	*	*	*	*	*	10255	0	SW	1	b	56	82	5	-	-	-	-	-	*											
Benson ...	10263	0	-	-	b	56	*	*	*	*	*	*	*	*	10264	+3	-	o	b	56	65	5	-	-	-	-	-	*											
London (Kew Obs.)	10263	0	-	-	b	56	*	*	*	*	*	*	*	*	10264	+3	-	o	b	56	65	5	-	-	-	-	-	*											
STATIONS CONTRIBUTING REPORTS AT 7H AND 15H.																																							
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.																		
	at	Change		Force		at	Change	Temp.	Change	Dir.	Force					Max.	Min.	Morning.	Afternoon.	Night.																			
	M.S.L.	in 3	Dir.	0-12.		M.S.L.	in 3	°F.	in 24 hours.	°F.	0-12.					°F.	°F.	°F.	°F.	°F.																			
15H. G.M.T. OF 14 <sup>h</sup>															7H. G.M.T. OF 12 <sup>h</sup>															24 HOURS ENDED 7H. 15 <sup>h</sup>									
Lerwick	10228	53	S	3	om	10145	-4	51	-1	S	3	-	om	2	-	58	48	hem	om	om	*																		
Stornoway	10193	53	S	6	og	10095	-4	52	0	SSW	7	-	org	6	4	56	50	c.og	og	org	1.6																		
Castlebay (Barra)	10204	52	SSW	4	o	10132	0	54	+2	SW	5	-	op	5	3	54	51	o	og	op	0.5																		
Glasgow	10238	59	WSW	3	bz	10156	0	53	+3	SSW	3	-	o	*	-	61	50	bc	bc.bz	b.bcc	0.4																		
Malin Head	10205	59	S	3	bcq	10150	-3	52	+3	SSW	5	sw	emgp	4	1	61	48	bc	bcq	cqp	8.6																		
Blacksod Point	10209	53	S	7	cg	10153	-2	52	0	S	6	-	omr	6	3	56	51	bc	bc	omr	*																		
Roche's Point...	10271	57	SSW	2	bv	10235	0	54	+2	SSW	2	-	o	2	-	61	49	b.b.c.b	b	b.o	*																		
Birr Castle	10245	61	SW	2	c	10209	*	53	+1	ESE	2	-	b	*	-	64	46	c	c	c	11.4																		
Donaghadee	10238	56	SW	4	bm	10197	-1	52	+1	SW	3	-	og	3	-	62	50	bcm	bcz	bcm	*																		
Liverpool (Bldston)	10261	59	NW	1	b	10239	0	56	+2	-	0	-	b	0	-	61	50	b	b	b	13.0																		
Holyhead	10263	57	SW	3	bz	10232	0	52	0	SSW	4	-	fe	3	Trace	61	48	bz	bz	bz.fe	12.7																		
Pembroke (St. Ann's Head)	10276	57	WNW	2	b	10247	+1	54	0	-	0	-	b	0	Trace	60	48	b	b	bz.bm	14.3																		
Silly (St. Mary's)	10278	59	-	0	bm	10250	-1	55	-2	SE	1	-	bm	2	-	63	49	b	bm	bm	13.8																		
Jersey (St. Aubin)	10285	66	NE	3	b	10241	0	61	+5	E	3	E	c	2	-	67	55	b	b	bc	*																		
Portland Bill	10270	59	NE	2	b	10247	-2	58	+2	ENE	4	-	bc	2	-	62	54	b	b	b.b.c	*																		
Dungeness	10271	58	ENE	3	b	10253	-1	56	+2	ESE	2	-	b	2	-	63	51	cb	b	b	*																		
Wick	10196	53	SSW	3	bcm	10135	-3	52	-1	SSW	4	-	om	3	-	54	49	bc	bc	bc.om	*																		
Nairn	10200	63	W	4	bc	10140	*	55	+																														

\* Air Ministry Station.

\* Information for these columns not usually received.

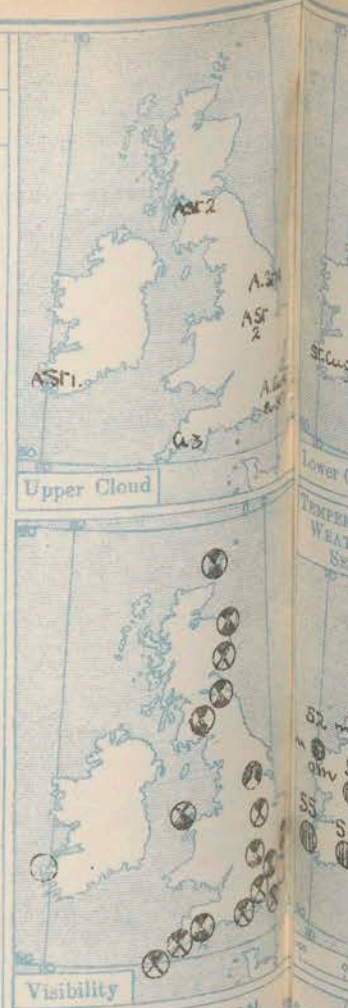
† The barometric change is expressed in half millibars.

‡ Longside



# SUMMARY OF CONDITIONS AT 7 A.M.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	ENE-SE 0-10	Mod.	Variable sky	Good	Slight
2. E. England	S-WSW 5-10	Rather	Fine	Good	"
3. E. Midlands	SSW 2-5	" Warm	Fine, local haze	Ord.	"
4. W. Midlands	SW 0-5	"	Fine or fair	"	"
5. S.W. England	Var. 2-15	"	Fine or fair, local haze	Good	Smooth
6. South Wales	SW 0-5	Mod.	Fine	Ord.	"
7. North Wales	SSW 10-15	"	Cloudy or dull; fog at Holyhead	Var.	Slight
8. N.W. England	SW 0-10	"	Fine to cloudy	Ord.	Smooth
9. N. Midlands	SW 0-10	"	Variable sky.	Ord.	"
10. N.E. England	SW 0-5	Rather	Variable sky; local mist	Poor	Smooth
11. E. Scotland	SSE-SSW 5-20	Mod. Warm	Cloudy or dull; local squalls	Ord.	"
12. S.W. Scotland	SSE-SSW 10-15	"	Dull.	Good	Slight
13. Isle of Man	SW 10	"	Dull.	"	"
14. N. & N.W. Scotland	SSW 15-20	"	Dull, local mist	Poor	Mod.
15. Hebrides	SSW-SW 20-35	"	Dull; rain and squalls	Ord.	Rough
16. Orkneys and Shetlands	SSE-S 10-20	"	Dull, misty, local rain.	Indiff.	Smooth
17. N.W. Ireland	S 25	"	Dull; misty and rainy	Poor	Rough
18. N.E. Ireland	SW 10-20	Rather	Dull; local showers & squalls	Ord.	Mod.
19. S.E. Ireland	S-SW 0-5	Mod. Warm	Fair to dull	Ord.	Smooth
20. S.W. Ireland	S-SSW 5-15	Mod.	Dull	V. good	Mod.



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

## GENERAL INFERENCE from observations received up to

A depression off our Northwest coasts will cause unsettled weather in Scotland and Ireland while showers are also probable in Northwest England. The anticyclonic distribution will probably maintain fine weather in the South until tomorrow.

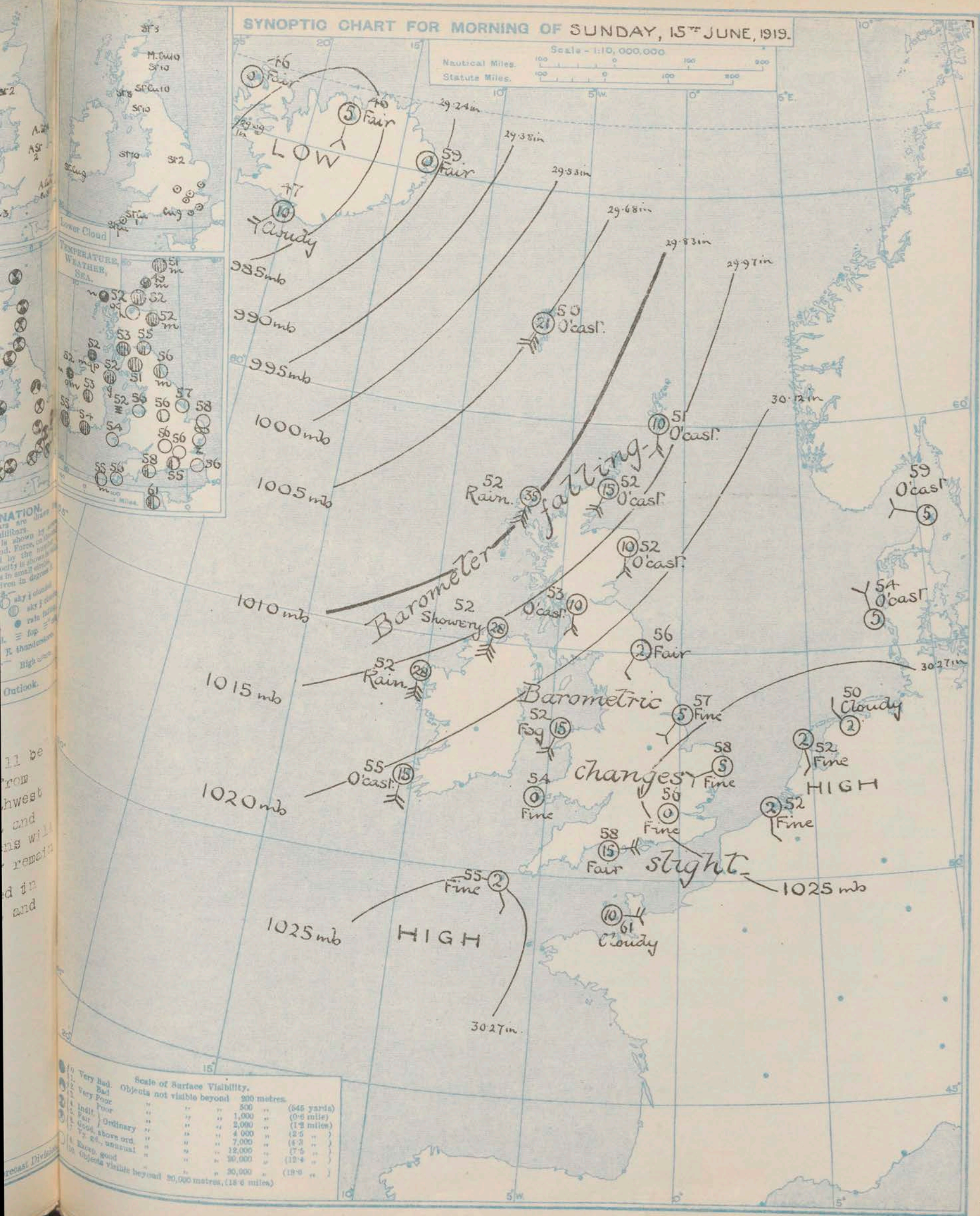
Districts.	Forecasts for the 24 hours commencing 3 p.m.
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands 5. S.W. England 6. South Wales	Light variable or SW winds; fair or fine; rather warm
7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man 14. N. & N.W. Scotland	Moderate SW winds, fresh at times, cloudy or dull, some showers, moderate temperature.
15. Hebrides 16. Orkneys and Shetlands 17. N.W. Ireland 18. N.E. Ireland 19. S.E. Ireland 20. S.W. Ireland	Fresh or strong SW winds, dull rain at times, squally moderate temperature.
	Strong S to SW winds, rainy, squally. Moderate temperature.
	Moderate to strong S to SW winds, dull some rain, squally, moderate temperature.

Winds will be mainly from the Southwest quadrant and conditions will probably remain unsettled in the West and North.



# SYNOPTIC CHART FOR MORNING OF SUNDAY, 15<sup>th</sup> JUNE, 1919.

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



## Scale of Surface Visibility.

Very Bad.	Bad.	Very Poor.	Four.	Indist.	Ordinary.	Good.	Very good.	Excellent.	Very good.
Objects not visible beyond 200 metres.	Objects not visible beyond 400 metres.	Objects not visible beyond 600 metres.	Objects not visible beyond 800 metres.	Objects not visible beyond 1,000 metres.	Objects not visible beyond 2,000 metres.	Objects not visible beyond 4,000 metres.	Objects not visible beyond 8,000 metres.	Objects not visible beyond 12,000 metres.	Objects not visible beyond 20,000 metres.
(545 yards)	(925 yards)	(1,640 yards)	(2,296 yards)	(3,281 yards)	(6,562 yards)	(13,125 yards)	(26,250 yards)	(39,375 yards)	(65,625 yards)



WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 14 <sup>th</sup> JUNE																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h. 17h-17h. 13...	Day. 9h-17h. 14...	to 17h. 14...	Sunrise to Sunset. 15			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h. 17h-17h. 13...	Day. 9h-17h. 14...	to 17h. 14...	Sunrise to Sunset. 15
Scotland.	Banff ... ..	b	bc	63	44	-	-	10.0	2.2	England, N.W.	Southport ... ..	bc	b	59	49	-	-	12.5	6.5
	Montrose ... ..	-	-	54	45	-	-	10.8	4.4		Douglas ... ..	-	-	56	45	-	-	11.4	8.0
	St. Andrews ... ..	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
	Oban ... ..	oc	bc	58	44	-	-	9.5	6.7		-	-	-	-	-	-	-	-	-
England, N.E.	Harrogate ... ..	b	b	69	43	-	-	12.0	3.3	Midlands.	Buxton ... ..	b	by	67	45	-	-	11.3	1.1
	Skegness ... ..	-	-	-	-	-	-	-	-		Leamington Spa... ..	-	-	71	42	-	-	11.5	5.1
	-	-	-	-	-	-	-	-	-		Malvern ... ..	-	-	-	-	-	-	-	-
England, E.	Felixstowe ... ..	bc	b	64	43	-	-	11.7	-	Wales.	Rhyl ... ..	-	-	-	-	-	-	-	-
	Walton-on-Naze... ..	-	-	-	-	-	-	-	-		Colwyn Bay ... ..	-	-	-	-	-	-	-	-
	Southend-on-Sea... ..	bcm	b	66	50	-	-	12.0	2.9		Llandudno ... ..	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-		Aberystwyth ... ..	cbb	bbc	60	55	-	-	12.0	2.5
England, S.E.	Folkestone ... ..	b	b	67	50	-	-	11.0	-	England, S.W.	Paignton ... ..	-	-	64	59	-	-	11.8	-
	Margate ... ..	b	b	62	54	-	-	10.5	0.3		Weymouth ... ..	-	-	-	-	-	-	-	-
	Ramsgate ... ..	b	b	64	50	-	-	10.8	1.2		Torquay ... ..	-	-	-	-	-	-	-	-
	Hastings ... ..	b	b	65	50	-	-	10.7	4.2		Penzance ... ..	b	b	64	49	-	-	11.2	8.1
	Eastbourne... ..	b	b	62	49	-	-	11.7	7.8		Newquay ... ..	-	-	-	-	-	-	-	-
	Worthing ... ..	b	b	65	48	-	-	12.2	10.5		Weston-s-Mare ... ..	-	-	-	-	-	-	-	-
	Littlehampton ... ..	b	b	63	48	-	-	12.5	10.6		-	-	-	-	-	-	-	-	-
	Bournemouth ... ..	-	-	67	42	-	-	12.0	10.5		-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-

SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.			
STATIONS.		WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.			Sun. Hours.	Limits of Velocity.		
		7h-13h. 14°	13h-18h. 14°	18h 14°-1h. 15°	1h-7h. 15°				Day. 7h-18h				Night. 18h-7h	No.	Statute miles per hour.
†Houton Bay (Orkney)...	bcc	bec	o.z	or	55	45	*	*	*	*	b	blue sky (not more than a quarter covered).	0	Less than 1	Less than 0.8
Eskdalemuir ... ..	bccz	z, ⊕	bccz	c.o	62	40	34	-	-	14.3	d	drizzle, or fine rain.	1	1-3	0.8-1.5
†Stranraer ... ..	bcc	bec	bcc	re	59	41	*	*	*	*	e	wet air without rain falling.	2	4-7	1.6-2.3
†Lough Foyle ... ..	c	bccz					*	*	*	*	f	fog. g gloom.	3	8-12	2.4-3.4
Valencia (Cahirciveen) ...	oc	obcc	bcco		59	47	51	-	-	4.3	h	hail. l lightning.	4	13-18	3.5-5.0
†Anglesey (Llangefni) ...	bbc	bec	bcc	of,	62	41	*	*	*	*	m	mist.	5	19-24	5.0-6.7
Falmouth ... ..	bbc	bbe	b.bw	bw	63	47	41	-	-	13.4	o	overcast sky.	6	25-31	6.8-8.5
†Calshot (Hants) ... ..	bbe	bbe	bbe	or	66	47	*	*	*	*	p	passing showers.	7	32-38	8.8-10.7
†Capel (Folkestone) ... ..	bccz	bccv	c.o.v	b.bv	64	45	*	*	*	*	q	squalls.	8	39-46	10.8-12.8
Aberdeen ... ..	bbq.y	bcc	U.w	b.bcom	60	51	46	-	-	11.0	r	rain.	9	47-54	12.8-14.8
†East Fortune ... ..	bbc ⊕	bcc ⊕	b.bw	c.o	66	46	*	*	*	*	rs	sleet, i.e., rain and snow together.	10	55-63	15.2-17.4
†Howden ... ..	bbc	bccz	U.w	wf,	68	39	*	*	*	*	s	snow.	11	64-75	17.7-20.7
†Felixstowe ... ..	bccz	bccz	bccz	b.bcw	63	50	*	*	*	*	t	thunder.	12	Above 75	20.7 or above
†Cranwell (Lines) ... ..	bbc	bcc	z.bcc	b.bv	72	47	*	*	*	*	u	ugly, threatening sky.			
†Bedford ... ..	bcc.om	bccz	bz	bz	71	45	*	*	*	*	v	unusual visibility.			
Benson ... ..	bcc	bcc	*	*	72	41	33	-	-	*	w	dew.			
London (Kew Obs.) ... ..	bmc	bccv	b	b.bmb	73	45	32	-	-	9.4	x	hoar frost.			
											y	dry air; humidity less than 60 per cent.			
											z	dust haze; the turbid atmosphere of dry weather.			

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

**SYMBOLS—**

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

LONDON. OBSERVATIONS.		WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH 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. 15 <sup>th</sup> JUNE 1919.																	
Greenwich (Royal Observatory)	b.b.c	b.c	b	67	44	27	-	13.0	49	45	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise. G. M. T.	Noon. G. M. T.	Sunset. G. M. T.		
City (Bunhill Row)	*	*	*	*	*	*	*	*	*	*							
Westminster (St. James's Park)	*	*	*	*	*	*	*	*	*	*	Total ..... Joules.	Yarmouth...	{	3.31	11.53	8.15	
Admiralty Arch	h.z	b.c	b.b.z.b.v	72	54	*	-	7.8	60	52							
Camden S. (British Rainfall)	b.b.c	a.b.c	*	74	46	43	-	8.0	61	50	Milliwatts.	Greenwich	{	3.34	12.0	8.16	
Kensington Palace	b.c	b.c	*	72	44	35	-	*	*	*							
Richmond	*	*	*	*	*	*	*	*	*	*	Average Rate.	Wick	...	{	3.7	12.12	9.17
											Maximum Rate.						

NOTES ON THE WEATHER OF YESTERDAY.

Except along the Western Seaboard where small amounts of rain fell the day was generally fine. Sunshine was very abundant, records of more than 14 hours being returned by Pembroke, Eskdalemuir, Yarmouth and Clacton. Temperature rose to above 70° at many inland stations, the highest reading being 74° at Camden Square, (London).

† Air Ministry Station. \* Information for these columns not usually received.





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

No. 21025.B MONDAY, 16<sup>th</sup> JUNE 1919.

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

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																													
STATIONS.	BAROM.	†	WIND.		Weather	TEMP.	Humidity.	Visibility.	Height of Low Cloud	Low Cloud.		Upper Cloud.		Sea	BAROM.	†	WIND.		Weather	TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.		Upper Cloud.		Sea	
	at M.S.L.	Change in 3 hours.	Dir.	Force 0-12.		°F.				Form.	Amt. 0-10.	Form.	Amt. 0-10.		at M.S.L.	Change in 3 hours.	Dir.	Force 0-12.		°F.				Form.	Amt. 0-10.	Form.	Amt. 0-10.		
	m.b.																												
13H. G.M.T. OF 15 <sup>th</sup>														18H. G.M.T. OF 15 <sup>th</sup>															
Houton B. (Orkney)	1012.9	+1	SSW	4	r	54	87	6	2-3000	Sc	10	-	-	3	1010.5	-2	S	5	o	50	97	5	2-3000	Sc	4	A.Sr	6	3	
Eskdalemuir	1010.4	-1	SSW	6	om	54	75	6	3-4000	Sr	10	-	-	*	1013.5	-2	SSW	5	o	53	92	7	3-4000	Sr	8	Ci	1	*	
Stranraer	1019.4	-2	S	4	o	56	75	7	2-3000	Sr	3	A.Sr	7	*	1013.5	-2	SSW	5	o	53	92	7	3-4000	Sr	8	Ci	1	*	
Lough Foyle	1015.1	-4	SSW	9	o	55	87	6	2-3000	Sc	7	A.Sr	5	*	1013.5	-2	SSW	5	o	53	92	7	3-4000	Sr	8	Ci	1	*	
Valencia (Cahire'n)	1019.9	-2	S	5	om	60	45	-	-	-	-	-	-	-	1020.0	-1	S	5	o	59	75	7	2-2000	Cu	6	A.Sr	4	6	
Anglesey (Llangefel)	1023.6	-1	SE	3	bz	62	65	6	-	Sc	1	-	-	*	1022.3	-2	NNW	3	Z	65	55	6	-	-	-	-	*		
Falmouth	1024.2	-2	ESE	3	b	62	87	7	-	-	-	-	-	5	1022.5	-2	ESE	2	b	62	92	8	-	-	-	Ci	3	5	
Calshot (Hants)	1024.9	-2	ESE	1	b	64	45	7	-	-	-	A.Sr	2	3	1023.4	-2	ESE	1	b.v	61	65	8	-	-	-	A.Sr	3	2	
Capel (Folkestone)	1016.7	0	S	4	om	56	75	6	-	Sc	10	-	-	2	1014.3	-2	SSW	5	om	58	55	6	-	Sc	10	-	-	2	
Aberdeen	1018.2	-1	S	4	o	60	65	6	5-7000	Sc	5	A.Sr	5	*	1019.8	-2	SSW	3	o	70	87	5	3-4000	Sr	8	F.Ci	1	*	
East Fortune	1022.1	-2	SSW	4	c	70	85	5	3-4000	Sr	5	A.Sr	3	*	1023.5	-2	ESE	2	b	66	75	8	-	-	-	Ci	3	2	
Howden	1025.6	-2	S	3	b	64	87	7	-	-	-	Ci	3	2	1020.4	-2	SSW	3	c	72	55	7	-	C.Nb	-	Ci	4	*	
Felixstowe	1022.3	-1	SW	4	c	72	45	6	-	-	-	Ci	7	*	1021.0	-2	SW	2	Z	73	45	-	4-5000	-	-	-	Ci	2	*
Cranwell (Lincs)	1023.3	-4	SSW	1	Z	73	45	-	5-7000	-	-	-	-	*	1021.1	-1	SW	2	b	73	40	-	-	-	-	-	-	*	
Bedford	1023.0	-1	SW	3	b	74	45	6	-	-	-	-	-	*	1021.7	-1	SW	2	b.v	74	40	-	-	-	-	-	-	*	
Benson	1023.4	-3	SE	3	b	73	40	7	-	-	-	Ci	1	*	1015.0	-1	SSW	6	om	51	92	4	2-3000	Sr	10	-	-	*	
London (Kew Obs.)	1016.6	-2	SSW	5	o	50	92	6	-	Sr	10	-	-	*	1013.8	-2	S	3	oq	53	92	6	2-3000	Sr	10	-	-	*	
1H. G.M.T. OF 16 <sup>th</sup>														7H. G.M.T. OF 16 <sup>th</sup>															
Houton B. (Orkney)	1007.2	-2	SSW	6	o	51	97	6	4-5000	Sc	6	A.Sr	4	-	1015.0	-1	SSW	6	om	51	92	4	2-3000	Sr	10	-	-	*	
Eskdalemuir	1016.6	-2	SSW	5	o	50	92	6	-	Sr	10	-	-	*	1013.8	-2	S	3	oq	53	92	6	2-3000	Sr	10	-	-	*	
Stranraer	1015.1	-3	SSW	3	o	52	92	3	2-3000	Sr	10	-	-	*	1016.1	-1	S	9	oq	49	98	4	1-1500	Nb	10	-	-	*	
Lough Foyle	1014.9	-3	SSW	5	o	56	*	*	*	*	*	*	*	*	1014.6	-2	SSW	5	o	57	92	6	4-500	Sr	10	-	-	4	
Valencia (Cahire'n)	1018.9	-1	SW	5	o	52	87	-	2-3000	Sr	10	-	-	5	1018.3	0	SSW	5	o	59	85	7	1-1500	Sr	10	-	-	4	
Anglesey (Llangefel)	1022.8	0	NNW	2	b.v	47	92	7	-	-	-	-	-	*	1022.1	0	SW	3	o	53	85	5	-	Sr	10	-	-	*	
Falmouth	1025.1	+3	E	1	b	57	97	7	-	-	-	-	-	3	1024.1	-1	-	o	60	85	6	-	-	-	-	-	3		
Calshot (Hants)	1022.3	-2	R	1	b.v	57	85	8	-	-	-	-	-	2	1021.4	-1	S	1	b	62	65	6	-	-	-	A.Sr	2	2	
Capel (Folkestone)	1011.0	-3	S	5	b.g.c	54	87	4	2-3000	Sc	10	-	-	*	1011.0	-1	SSW	2	om	55	85	6	-	Sc	10	-	-	2	
Aberdeen	1014.6	-1	S	4	c	56	85	-	5-7000	Nb	4	A.Ci	2	*	1012.4	-4	S	3	o	57	75	6	5-6000	Sr	10	-	-	*	
East Fortune	1019.3	0	-	0	c	53	87	5	3-4000	Sr	5	Ci	2	*	1018.7	0	S	1	2	58	85	4	-	Sr	3	A.Sr	3	3	
Howden	1022.4	-2	SE	2	bc	59	97	-	-	Sr	5	-	-	3	1021.8	-1	W	1	bc	60	75	5	-	-	-	A.Sr	5	3	
Felixstowe	1020.7	0	SSW	2	b	56	97	5	2-3000	Sc	1	Ci	1	*	1009.5	-1	SW	2	c	60	75	6	4-5000	Sr	2	A.Sr	4	*	
Cranwell (Lincs)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.1	0	-	0	2	59	65	-	2-3000	-	-	-	A.Sr	5	*
Bedford	1022.3	0	SE	1	b	58	*	*	*	*	*	*	*	*	1020.2	0	SSW	3	b	60	65	4	-	-	-	Ci	2	*	
Benson	1022.3	0	SE	1	b	58	*	*	*	*	*	*	*	*	1021.5	0	-	0	bm	57	65	4	-	-	-	A.Sr	1	*	
London (Kew Obs.)	1016.6	-2	SSW	5	o	50	92	6	-	Sr	10	-	-	*	1013.8	-2	S	3	oq	53	92	6	2-3000	Sr	10	-	-	*	
(M.O. at 1h.)	1015.1	-3	SSW	3	o	52	92	3	2-3000	Sr	10	-	-	*	1016.1	-1	S	9	oq	49	98	4	1-1500	Nb	10	-	-	*	
	1014.9	-3	SSW	5	o	56	*	*	*	*	*	*	*	*	1014.6	-2	SSW	5	o	57	92	6	4-500	Sr	10	-	-	4	

STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.

STATIONS.	18H. G.M.T. of 15 <sup>th</sup>					7H. G.M.T. of 16 <sup>th</sup>					24 HOURS ENDED 7H. 16 <sup>th</sup>					Sunshine Hours.					
	BAROM. at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.	TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-3.	Rainfall mm.	TEMP.		WEATHER.				
	m.b.	°F.	Direc.	Force 0-12.		at M.S.L. m.b.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Direc.					Force 0-12.		Max. °F.	Min. °F.	Morning.	Afternoon.	Night.
Lerwick	1011.2	52	S	3	r	1006.6	-1	51	0	SSW	4	0	0	3	3	55	50	omd	om	om	*
Stornoway	1005.7	54	SSW	7	org	1004.3	+2	48	-4	MW	3	-	0	2	18	55	48	org	org	org	0.0
Castlebay (Barrals)	1011.5	51	SW	5	r	1005.1	-1	49	-5	MW	4	-	T	5	4	54	49	ord	or.	d.T.	0.0
Glasgow	1016.2	53	SW	3	omd.	1011.8	-2	53	0	SSW	4	-	T	*	4	57	52	o	ogd.m.	ompy	0.1
Malin Head	1010.8	55	SSW	6	cmq.p	1007.4	-1	54	+2	S	5	SW	cmq.p.	5	1	57	52	cmq.p.	cmq.p.	cmq.p	0.0
Blacksod Point	1010.4	54	S	8	omr	1007.9	+1	55	+3	SSW	7	-	T	7	19	55	50	omr.	omr.	or.omr.	*
Roche's Point	1021.1	55	SSW	4	o	1018.1	-1	54	0	SSW	3	-	o	3	-	58	53	o	o	om	*
Birr Castle	1019.1	62	S	2	c	1014.3	*	57	+4	SSW	3	-	o	*	-	63	52	c.	c.	c.o	3.6
Donaghadee	1016.1	57	S	4	o	1013.1	+1	53	+1	SSW	4	SW	c	3	1	57	51	ogm	ogmpg.	ogmpg	*
Liverpool (Bidston)	1019.6	67	WSW	1	bc	1018.5	0	56	0	SSW	1	-	b	1	-	68	49	bc	bc	b	10.6
Holyhead	1019.8	55	SW	6	cq.g	1017.5	0	54	+2	SSW	4	-	cq.g	3	-	58	51	ge.cq.g	ge.cq.g.	bc.cq.g	1.5
Pembroke (St. Ann's Head)	1022.7	56	SW	1	b.v	1020.7	-1	54	0	SSW	3	-	o	3	-	60	53	bv	bv.	bv.cq	11.7
Scilly (St. Mary's)	1024.2	61	NW	1	b	1022.2	-1	55	0	WSW	3	SW	c	3	-	62	52	bm	b	bc.c	13.4
Jersey (St. Aubin)	1022.2	68	N	2	b	1021.9	0	64	+3	N	2	-	b	1	-	73	50	b	b	b	12.2
Portland Bill	1023.4	58	E	2	b	1022.2	0	54	-4	WSW	3	-	S	2	-	61	50	bc.b	b	bc.g	*
Pungeness	1022.4	59	EYE	3	b	1021.1	-1	61	+5	N	1	-	b	1	-	63	46	b.	b.	b	*
Wick	1010.7	52	SSW	4	orm	1005.0	-2	54	+2	SSW	3	-	o	3	0.2	58	50	om	om.	om	*
Nairn	1011.7	58	W	2	c	1006.4	*	60	+5	WNW	3	-	c	2	0.1	66	54	q/b.c	cg	cgd	1.6
Leith	1015.4	60	SW	2	o	1011.4	-1	58	+3	SW	3	SW	c	2	-	65	55	c.b.c	c.b.c.o	og.c.c	*
Tynemouth	1018.3	64	SW	4	omg	1015.6	-1	56	0	WSW	2	-	o	1	-	67	53	cm.	om	omg	*
Spurn Head	1021.3	60	SE	4	c	1019.3	0	59	+2	SSW	2	-	bc	2	-	74	53	bc	bc	c	2.9
Yarmouth (Gor. Island)	1022.9	59	S	4	b	1020.4	-2	57	-1	S	2	-	b	2	-	64	51	b	b	bc.b	14.0
Clacton-on-Sea	1023.0	61	ESE	3	bc	1021.5	0	62	+2	W	2	-	bc	0	-	62	50	b.bcz	bc	bc	14.4
Nottingham	1020.2	71	SW	2	bc	1019.6	*	56	0	SW	2	SW	bc	*	-	75	50	b	b.b.c	bc	11.7



# SUMMARY OF CONDITIONS AT 7 A.M. Monday, 16th June, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	S-SW. 0-5	Rather "WARM"	Fine	Good	Smooth
2. E. England	S-W. 2-10	"	Cloudy to fine	Ord.	"
3. E. Midlands	SW. 2-10	"	Fine, hazy.	"	"
4. W. Midlands	SW. 2-10	"	Fair to fine	"	"
5. S.W. England	WSW. 5-10	Moderate	Cloudy or dull, local fog	Good	Smooth
6. South Wales	SSW. 10	"	Dull	V. good	Slight
7. North Wales	SSW. 15-28	"	Cloudy or dull, squally.	"	"
8. N.W. England	SSW. 5-15	"	Cloudy to fine.	"	Smooth
9. N. Midlands	SW. 5-10	"	Fine	Good	"
10. N.E. England	SW. 5-15	Rather warm	Fair to dull, local mist.	Ord.	Smooth
11. E. Scotland	S-SW. 10-20	Rather warm	Cloudy or dull, local mist	Good	Smooth
12. S.W. Scotland	SSW. 15-28	Moderate	Dull, local rain & squalls	Ord.	Moderate
13. Isle of Man	SSW. 10-15	"	Cloudy.	"	Slight
14. N. & N.W. Scot- land	SW-W. 10-15	Rather warm	Dull.	"	"
15. Hebrides	NW. 10-15	Rather warm	Dull, rainy.	"	"
16. Orkneys and Shetlands	SSW. 15	Moderate	Dull, local mist.	"	"
17. N.W. Ireland	SSW. 25-35	"	Dull, rainy, misty.	Ord.	Rough
18. N.E. Ireland	S. 15-28	"	Cloudy, misty, rainy, squally.	"	Mod.
19. S.E. Ireland	SSW. 10	Rather warm	Dull	"	Slight
20. S.W. Ireland	SSW. 10-20	Moderate	Dull, local mist.	Good	Mod.

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

A depression is centred near Iceland. There are no indications of any important change from present conditions over this country and a general South-Westerly to Westerly wind current is likely to continue.

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

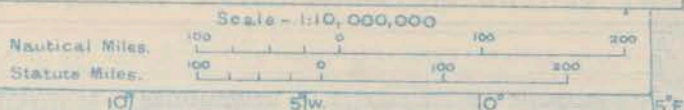
Further Outlook.

The indications are too indefinite to extend the outlook beyond the normal period. It appears, however, probable that the drought in the SE. of England will be maintained for the next few days.

Districts.	Forecasts for the 24 hours commencing 3 p.m.
1. S.E. England	Moderate South-Westerly winds.
2. E. England	Fair or cloudy. Rather warm.
3. E. Midlands	
4. W. Midlands	Moderate or fresh SWly. winds. Cloudy to dull with occasional showers. Rather warm.
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	Fresh or strong South-Westerly to Westerly winds.
9. N. Midlands	
10. N.E. England	Dull, rain at times.
11. E. Scotland	
12. S.W. Scotland	Moderate temperature.
13. Isle of Man	
14. N. & N.W. Scot- land	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	



# SYNOPTIC CHART FOR MORNING OF MONDAY, 16<sup>TH</sup> JUNE, 1919.



LOW

1005 mb

Barometric

Rain

changes

1010 mb

57 O'cast.

1015 mb

1020 mb

slight

HIGH

29.68 in

29.33 in

29.97 in

30.12 in

51 O'cast.

54 O'cast.

55 O'cast.

56 O'cast.

59 Fair

57 Fine

57 Fine

59 Fine

54 Fine

54 Fog

64 Fine

55 Cloudy

54 Cloudy

59 Cloudy

57 Fine

57 Fine

57 Fine

57 Fine

57 Fine

57 Fine

57 Fine

57 Fine

57 Fine

57 Fine

57 Fine

57 Fine

57 Fine

57 Fine

57 Fine

## Scale of Surface Visibility.

Subjects	not visible beyond	300 metres.	
"	"	500	" (545 yards)
"	"	1,000	" (0.6 mile)
"	"	2,000	" (1.2 miles)
"	"	4,000	" (2.5 "
"	"	7,000	" (4.3 "
"	"	10,000	" (7.5 "
"	"	20,000	" (12.4 "
"	"	30,000	" (18.6 "
"	"	30,000 metres.	(18.6 miles)

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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 167.B

MONDAY.  
16<sup>th</sup> JUNE 1919

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-12h.	Day. 12h-12h.	to 12h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-12h.	Day. 12h-12h.	to 12h.	Sunrise to Sunset.
Scotland, Banff ... ..	-	-	63	49	-	-	0.3	11.8	England, N.W. Southport ... ..	cbb	bc	65	45	-	-	10.0	16.0
Montrose ... ..	-	-	-	-	-	-	-	-	Buxton ... ..	-	-	-	-	-	-	-	-
St. Andrews ... ..	-	-	-	-	-	-	-	-	Leamington Spa ... ..	-	-	-	-	-	-	-	-
England, N.E. Harrogate ... ..	cbb	bc	69	45	-	-	7.8	12.2	Malvern ... ..	b	bzy	75	46	-	-	12.3	14.3
Skegness ... ..	-	-	-	-	-	-	-	-	Ross-on-Wye ... ..	-	-	-	-	-	-	-	-
England, E. Felixstowe ... ..	b	bc	64	55	-	-	12.0	13.8	Wales. Rhyll ... ..	bc	bcc, bc	66	43	-	-	9.5	-
Walton-on-Naze ... ..	-	-	-	-	-	-	-	-	Colwyn Bay ... ..	bc	c	65	46	-	-	9.2	-
Southend-on-Sea ... ..	bm	b	68	53	-	-	12.1	14.0	Llandudno ... ..	-	-	-	-	-	-	6.5	-
Folkstone ... ..	-	-	65	54	-	-	12.5	11.9	Aberystwyth ... ..	-	-	-	-	-	-	-	-
Brighton ... ..	-	-	65	49	-	-	12.3	-	England, S.W. Weymouth ... ..	-	-	-	-	-	-	-	-
Margate ... ..	-	-	-	-	-	-	-	-	Torquay ... ..	b	b	65	46	-	-	11.7	-
Ramsgate ... ..	b	b	63	51	-	-	11.7	12.8	Penzance ... ..	-	-	-	-	-	-	-	-
Hastings ... ..	b	b	67	53	-	-	12.1	13.2	Newquay ... ..	b	b	61	40	-	-	11.7	-
Eastbourne ... ..	b	b	63	52	-	-	12.4	14.5	Weston-s-Mare ... ..	-	-	-	-	-	-	-	-
Worthing ... ..	b	b	64	52	-	-	12.2	14.8									
Littlehampton ... ..	-	-	63	52	-	-	11.8	14.8									
Bournemouth ... ..	-	-	68	44	-	-	11.5	13.5									

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours.		No.	Limits of Velocity.	
	7h-12h. <sup>15</sup>	12h-12h. <sup>15</sup>	12h-12h. <sup>16</sup>	1h-7h. <sup>16</sup>				Day. 7h-12h.	Night. 12h-7h.				Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)...	omr	omr	o				*	*	*		b blue sky (not more than a quarter covered).	0	Less than 1	Less than 0.3
Esksdalemuir ... ..	o	om.c	o	om	55	49	50	-	-	1.1	bc sky partly cloudy (one half covered).	1	1-3	0.3-1.6
†Stranraer ... ..	o		o	om	59	48	*	*	*		c generally cloudy (three quarters covered).	2	4-7	1.6-5.3
†Lough Foyle ... ..	om			om	57	48	*	*	*		d drizzle, or fine rain.	3	8-12	5.4-5.4
Valencia (Cahirciveen)...	om	om	om	om	61	55	55	-	-	6.8	e wet air without rain falling.	4	13-18	5.5-7.9
†Anglesey (Llangefni) ...			o	om	60	48	*	*	*		f fog.	5	19-24	8.0-10.7
Falmouth ... ..	bbyz	bbyz	bwm	om	67	46	37	-	-	14.5	g gloom.	6	25-31	10.8-13.8
†Calshot (Hants) ... ..	bbe	bbe	bbe	om	64	50	*	*	*		h hail.	7	32-38	13.2-17.1
†Capel (Folkestone)...	bbe	bbe	bbe	om	64	47	*	*	*		i lightning.	8	30-46	17.2-20.7
Aberdeen ... ..	om	om	om	om	58	52	51	-	-	0.0	m mist.	9	47-54	20.8-24.4
†East Fortune ... ..	om	om	om	om	62	49	*	*	*		o overcast sky.	10	55-63	25.5-28.5
†Howden ... ..	z.c.o	c.o	o	om	73	40	*	*	*		p passing showers.	11	64-75	28.6-33.5
†Felixstowe ... ..	bbe.z	bbe	bbe	om	63	54	*	*	*		q squalls.	12	Above 75	33.6 or above
†Cranwell (Lincs) ... ..	bbe	bbe	bbe	om	75	50	*	*	*		r rain.	Suffices 0.1 and 2 attached to Beaufort letters signify intensity, 0=slight, 2=heavy. Underlining is used to express continuity.		
†Bedford ... ..	z.g	z.g	z.g	om	75	48	*	*	*		s sleet, i.e., rain and snow together.			
Benson ... ..	bbe	bbe	bbe	om	76	42	32	-	-	3.8	s snow.	SYMBOLS— Aurora ☄ Solar halo ☉ Rime ❄ Lunar halo ☾ Glazed frost ☁ Solar corona ☉ Glazed roads ☁ Lunar corona ☾		
London (Kew Obsy.) ...	bzb	bzb	bzb	om	78	45	32	-	-	13.8	t thunder.			
											u ugly, threatening sky.			
											v unusual visibility.			
											w dew.			
											x hoar frost.			
											y dry air; humidity less than 60 per cent.			
											z dust haze; the turbid atmosphere of dry weather.			

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY % 15 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.							.....16 <sup>th</sup> to 17 <sup>th</sup> JUNE..... 1919.					
	24 HOURS ENDED 9H G.M.T. 16 <sup>th</sup> .....							YESTERDAY.	TO-DAY.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Stations.	Sunrise.	Noon.	Sunset.
Greenwich (Royal Observatory)	b	b	b	80	45	30	-	14.9	31	46	Total.....2502..... Joules.  Average Rate. 42.0 Maximum Rate. 80	Yarmouth...{  Greenwich {  Wick ...{  Valencia ...{	G.M.T. 3.31 3.31 3.44 3.44 3.7 3.7 4.22 4.22	G.M.T. 11.53 11.53 12.0 12.1 12.15 12.15 12.41 12.42	G.M.T. 8.5 8.16 8.17 8.18 9.0 9.0 9.1 9.1
City (Beechill Row) ... ..	*	*	*	*	*	*	*	13.3	*	*					
Westminster (St. James's Park)	*	*	*	73	46	39	-	14.5	65	60					
" (Admiralty Arch)	bv	bv.b	b.bz	79	55	*	-	14.4	49	60					
Camden Sq. (British Rainfall)	-	-	-	82	48	44	-	12.9	-	48					
Kensington Palace ... ..	bc	bc	*	77	45	*	-	*	33	48					
Richmond Park ... ..	*	*	*	*	*	*	*	*	*	*					

## NOTES ON THE WEATHER OF YESTERDAY.

Rain again fell on our north-west coasts, heavily at Stornoway and Blacksed Point. Temperature rose to above 70° at many English stations and reached 78° at London (Kew Observatory).

Little or no sunshine was recorded in Scotland and North Ireland. In England amounts up to 14 hours were measured.





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

No 21426B TUESDAY, 17<sup>th</sup> JUNE.....1919.

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

STATIONS	13h. G.M.T. 16 <sup>h</sup>														19h. G.M.T. OF 16 <sup>h</sup>													
	Barom. at M.S.L. m.b.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather	Temp. °F.	Humidity %	Visibility 0-10.	Height of Low Cloud Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.	Barom. at M.S.L. m.b.	Change in 3 hours.	WIND. Direc.	Force 0-12.	Weather	Temp. °F.	Humidity %	Visibility 0-10.	Height of Low Cloud Feet.	Low Cloud. Form.	Amt. 0-10.	Upper Cloud. Form.	Amt. 0-10.	Sea 0-9.
Houton B. (Orkney) ...	1007.4	+5	WNW	5	of <sub>1</sub>	51	98	3	1-1500	St	8	A. St	2	4	1009.2	+2	NW	4	of <sub>1</sub>	47	98	3	1-2000	St	10	-	-	3
Eskdalemuir ...	1014.5	-1	SSW	6	om <sub>2</sub>	53	92	5	1-2000	St	10	-	-	*	1013.1	-1	SSW	6	om <sub>1</sub>	51	98	4	1-1000	Nb	10	-	-	*
Stranraer ...	1013.2	0	SSW	6	q	56	92	6	3-4000	St	10	-	-	*	1011.7	-1	SSW	6	f, q	53	98	5	1-1500	Nb	10	-	-	*
Lough Foyle ...	1009.5	0	NW	3	r <sub>2</sub>	52	98	1	<500	Nb	10	-	-	4	1012.3	+6	WNW	4	o	49	98	6	2-3000	St. Cu	10	-	-	3
Valencia (Cahire'n) ...	1014.3	0	SSW	5	o	57	98	7	1-1000	St	10	-	-	5	1016.3	+4	W	4	c	56	87	7	1-1500	Cu	7	ci. Cu	1	4
Anglesey (Llangefel) ...	1017.4	-1	SSW	6	o	60	75	7	2-3000	St. Cu	10	-	-	6	1017.4	0	SSW	5	o	56	87	6	1-2000	St	10	-	-	7
Falmouth ...	1022.2	0	SW	4	o	61	65	7	-	St. Cu	9	-	-	*	1021.3	-1	WSW	3	cz	58	75	6	-	St. Cu	5	ci. Cu	2	*
Calshot (Hants) ...	1022.5	-1	SW	3	b <sub>2</sub>	71	65	8	-	-	-	-	-	3	1020.0	-1	SW	3	b <sub>2</sub>	61	92	7	-	-	-	-	4	
Capel (Folkestone) ...	1020.8	-2	SSW	1	b <sub>2</sub>	70	55	6	-	-	-	-	-	1	1019.5	-2	W	3	b <sub>2</sub>	71	55	8	-	-	-	-	2	
Aberdeen ...	1010.2	+1	SW	4	om, q	60	65	5	-	St. Cu	10	-	-	3	1009.7	-1	S	4	ogm <sub>2</sub>	58	82	5	-	Nb	10	-	-	3
East Fortune ...	1011.8	-1	SSW	5	c	61	75	6	2-3000	Cl. Nb	4	-	-	*	1011.0	0	S	5	p, q	58	82	4	1-1000	Nb	8	-	-	*
Howden ...	1016.9	-1	WSW	3	z	74	45	4	-	-	-	A. St	5	*	1005.6	0	SW	4	q	73	45	5	-	-	A. Cu	3	*	
Felixstowe ...	1020.6	-2	SSE	3	b <sub>1</sub>	67	82	6	-	St. Cu	1	-	-	3	1018.5	-2	SSW	3	b <sub>2</sub>	73	65	6	-	-	-	-	2	
Cranwell (Lincs) ...	1017.6	-5	SSW	4	c	75	45	6	-	-	-	ci	5	*	1016.3	-1	SW	4	b <sub>1</sub>	73	45	8	-	-	ci. St	3	*	
Bedford ...	1019.1	-2	SW	2	z	70	45	-	5-7000	-	-	A. St	1	*	1017.7	-1	WSW	3	b <sub>2</sub>	76	45	-	-	-	-	-	-	*
Benson ...	1019.1	-2	SW	3	b <sub>2</sub>	76	<40	6	-	-	-	-	-	*	1018.3	-1	WSW	1	b <sub>2</sub>	73	<40	7	-	-	-	-	-	*
London (New Obs.) ...	1019.6	-4	SW	4	b <sub>2</sub>	75	<40	8	-	-	-	-	-	*	1018.7	-1	SW	3	b <sub>2</sub>	77	<40	7	-	-	-	-	-	*
1h. G.M.T. OF 17 <sup>h</sup>														7h. G.M.T. OF 17 <sup>h</sup>														
Houton B. (Orkney) ...	1012.5	+3	WSW	4	bc	44	98	5	2-3000	Fr. Cu	4	-	-	2	1016.2	+3	WSW	4	bc	48	82	7	2-3000	Fr. Cu	1	ci	5	2
Eskdalemuir ...	1017.1	+4	W	1	c W	44	98	6	-	-	-	ci. St	7	*	1020.0	+3	SSE	1	o	45	92	7	-	-	ci. St	9	*	
Stranraer ...	1017.5	+4	-	0	W	46	98	6	2-3000	St	2	ci. St	6	*	1019.4	+3	-	0	cy	52	87	8	2-3000	Cu	3	ci. St	5	*
Lough Foyle ...	1019.7	+2	WSW	3	bc	51	*	*	*	*	*	*	*	4	1018.2	+1	S	4	o	50	92	6	3-4000	Cu	3	ci	6	*
Valencia (Cahire'n) ...	1019.7	+2	WSW	3	bc	51	*	*	*	*	*	*	*	4	1019.9	+1	NE	2	cu	50	92	10	-	St	2	ci. St	6	3
Anglesey (Llangefel) ...	1018.6	+2	WSW	3	o	53	98	-	1-1500	St	10	-	-	4	1019.5	+3	-	0	o	55	92	7	2-3000	St. Cu	8	A. St	2	2
Falmouth ...	1022.1	0	SW	3	od <sub>2</sub>	56	98	4	-	Nb	10	-	-	*	1022.1	0	SW	3	odm	57	97	3	-	Nb	10	-	-	*
Calshot (Hants) ...	1021.6	0	-	0	b <sub>2</sub>	54	98	7	-	-	-	-	-	1	1022.9	+2	-	0	o	58	87	7	3-4000	Cu	10	-	-	2
Capel (Folkestone) ...	1020.9	+1	WNW	2	v	54	45	8	-	-	-	-	-	2	1026.6	+4	SSW	1	z	58	82	5	-	-	8	A. St	2	3
Aberdeen ...	1013.2	+8	WNW	1	e	46	98	5	1-2000	St. Cu	5	A. Cu	1	*	1018.4	+3	SSW	2	z	54	75	6	-	ci	1	ci. St	1	2
East Fortune ...	1015.7	+7	SSW	3	bc	50	82	-	3-4000	St	2	ci. St	3	*	1019.0	+3	SW	2	c	50	82	5	5-7000	St. Cu	2	A. St	5	*
Howden ...	1017.9	+1	SSW	2	c	55	82	4	3-4000	St	3	A. St	4	*	1019.6	+2	-	0	o	59	82	4	2-3000	St. Cu	10	-	-	*
Felixstowe ...	1020.3	0	W	2	b <sub>2</sub>	58	87	-	-	-	-	-	-	3	1022.1	+2	W	1	b	58	82	6	-	-	ci. St	3	3	
Cranwell (Lincs) ...	1019.2	+1	SW	3	bc	53	98	5	2-3000	St	2	ci. St	1	*	1020.0	+1	W	3	c	59	82	6	4-5000	St	3	ci	4	*
Bedford ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.3	+2	W	2	bc	59	75	?	3-4000	-	A. St	4	*	
Benson ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1021.3	+2	-	0	b	57	82	4	-	St	10	-	-	*
London (New Obs.) ...	1020.9	+1	WSW	1	b <sub>2</sub>	58	*	*	*	*	*	*	*	*	1022.3	+3	WNW	1	b	57	75	5	-	St. Cu	1	ci	2	*

STATIONS CONTRIBUTING REPORTS AT 7h AND 19h.

STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.
	at M.S.L.					at M.S.L.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	
	m. b.	°F.	Direc.	Force 0-12.		m. b.															
1st H. G.M.T. of 16 <sup>th</sup>						7th. G.M.T. of 17 <sup>th</sup>						24 HOURS ENDED 7th						16 <sup>th</sup>			
Lerwick	1008.5	52	SW	3	om.	1015.1	+4	51	0	SSW	3		bc	2	6	55	43	omr	omp	em	*
Stornoway	1008.8	52	W	2	o	1015.1	+	51	+	SSW	4		bc	3	2	55	43	omr	omp	c. bc	0.5
Castlebray (Barrack)	1010.6	51	WSW	3	bc	1016.1	+1	51	+2	SSW	4	-	bc	3	1	52	48	ro	op. b. o	bc	2.6
Glasgow	1009.9	55	SSW	4	om	1019.1	+2	48	-5	S	2	W	c	*	7	57	44	ormg	ormg	op. bc. w	0.0
Malin Head	1011.5	49	WNW	3	c	1016.7	+1	50	-4	SSW	3	SW	bcv	3	14	56	47	omr	omr	ov	1.3
Blackhead Point	1013.1	53	SW	2	bcv	1017.1	0	51	-4	SSW	3	-	bcvp	4	12	55	49	ofr	cmr	bc. brp	*
Roche's Point	1017.2	56	WSW	3	om	1020.0	0	53	-1	W	1	-	o	1	03	58	49	adom	adom	om. oz	*
Litt. Castle	1015.6	57	SW	2	c	1019.3	*	50	-7	SE	1	S	c	*	2	62	45	op	ocp	c	0.6
Donaghadee	1010.9	56	S	4	omgr	1018.5	+2	51	-2	S	1	SW	bc	3	3	61	45	ogmg	ogmpg	odmur	*
Liverpool (Bidston)	1017.5	61	SW	4	c	1019.5	+2	55	-1	WSW	1	SW	o	1	1	69	53	bcg	bc. c	a. cp	*
Holyhead	1016.1	55	SSW	6	o	1019.5	+1	55	+1	E	2	W	c	0	Trace	60	51	cgm	cgm. og	fep. bc	0.3
Pembroke (St. Ann's Head)	1020.0	56	SW	3	o	1020.8	+1	55	+1	SW	2	-	of	3	1	58	54	ov	ov	o. of	0.3
Silly (St. Mary's)	1022.6	59	WSW	3	c	1021.7	0	57	+2	W	3	SW	f	4	0.2	61	54	c	c	afp. d	0.3
Jersey (St. Aubin)	1021.8	62	WNW	2	b	1024.2	0	56	-8	W	2	-	o	1	-	70	52	b	b	b. o	14.3
Portland Bill	1022.2	57	W	4	bc	1021.4	0	56	+2	W	3	-	o	2	-	59	52	f. b	b. bc	b	*
Dungeness	1019.3	65	SW	3	b	1021.8	+2	57	-4	WSW	2	-	b	1	-	68	47	b	b	b	*
Wick	1008.8	50	NNE	1	omr	1016.5	+3	51	-3	SW	1	-	bc	1	6	61	44	omp	omp	omr. bc	*
Nairn	1008.3	51	W	1	r	1016.4	*	51	-9	WSW	2	-	bc	1	9	68	40	cqg	cp. r	p. o. c	2.1
Leith	1010.3	58	SW	4	c	1018.6	+2	54	-7	SW	2	W	c	2	0.2	63	47	emg. bc	bcq. p. c	emg. z. c	*
Fynmouth	1013.8	65	WSW	5	bcmg	1019.1	+3	55	-1	NNW	3	-	bc	2	-	70	50	omg	bc	emg.	*
Spurn Head	1015.9	74	SW	3	bc	1019.7	+2	59	0	WSW	1	-	c	2	-	78	55	b. bc	b.	b	11.1
Yarmouth (Gorleston)	1017.5	70	S	4	b	1018.9	+3	58	+1	NW	2	-	b	2	-	72	51	b. bc	b.	b	14.2
Clacton-on-Sea	1018.4	69	SSW	3	b	1022.0	+2	59	-3	W	2	-	bz	1	-	70	50	bc. bz	bz	b	15.0
Nottingham	1016.7	71	SW	3	b	1020.5	*	59	13	SW	2	SW	c	*	-	76	53	b	b	b	13.2



# SUMMARY OF CONDITIONS AT 7 A.M. Tuesday, 17th June, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-NW, 2-5	Moderate	Variable sky, local haze	Fair.	Smooth
2. E. England	SW-NW, 2-10	Rather	Fine to cloudy, local haze	"	"
3. E. Midlands	SW, 0-5	" warm	Fair to dull.	Ord.	-
4. W. Midlands	SW, 0-5	"	Cloudy or dull.	"	-
5. S.W. England	S-W, 10	Moderate	Dull, local drizzle & fog	Poor	Smooth
6. South Wales	SW, 5	"	Dull, local fog.	-	Slight
7. North Wales	Var. 0-5	"	Cloudy or dull.	V. good	Smooth
8. N.W. England	SE-SW, 0-2	"	Dull.	-	"
9. N. Midlands	SW-W, 0-5	Rather	Cloudy or dull.	Ord.	-
10. N.E. England	Var. 0-10	Moderate warm	Fair to dull, local mist.	"	Smooth
11. E. Scotland	SW, 5	Rather	Fair to cloudy.	Good	"
12. S.W. Scotland	S, 0-5	" cool	Cloudy or dull.	V. good	"
13. Isle of Man	S-SW, 2	Moderate	Fair to dull.	-	"
14. N. & N.W. Scotland	SW, 2-5	"	Fair	-	"
15. Hebrides	SW, 15	"	Fair	-	Slight
16. Orkneys and Shetlands	SSW-WSW, 10-15	"	Fair, local mist.	V. good	Smooth
17. N.W. Ireland	SSW, 10	Rather	Fair, local showers.	V. good	Slight
18. N.E. Ireland	S-SW, 2-10	Moderate cool	Fair to cloudy, local mist.	Good	Smooth
19. S.E. Ireland	SE-SW, 2-5	Rather	Cloudy or dull.	Fair	"
20. S.W. Ireland	W, 2-5	Moderate cool	Cloudy or dull, wind NE. at Valencia.	V. good	"

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

The centre of low pressure lies near Iceland. The barometer is rising slowly over the British Isles. Light winds and fair weather are expected to continue over the whole country.

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

Districts.	Forecasts for the 24 hours commencing 3 p.m. Tuesday, 17th June, 1919
1. S.E. England	Light or moderate SWly. breezes.
2. E. England	Fair or fine. Warm.
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Light or moderate SWly. breezes. Fair, coast fog.
6. South Wales	Rather warm.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	Light or moderate SWly. breezes.
11. E. Scotland	
12. S.W. Scotland	Fair or fine. Warm.
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	

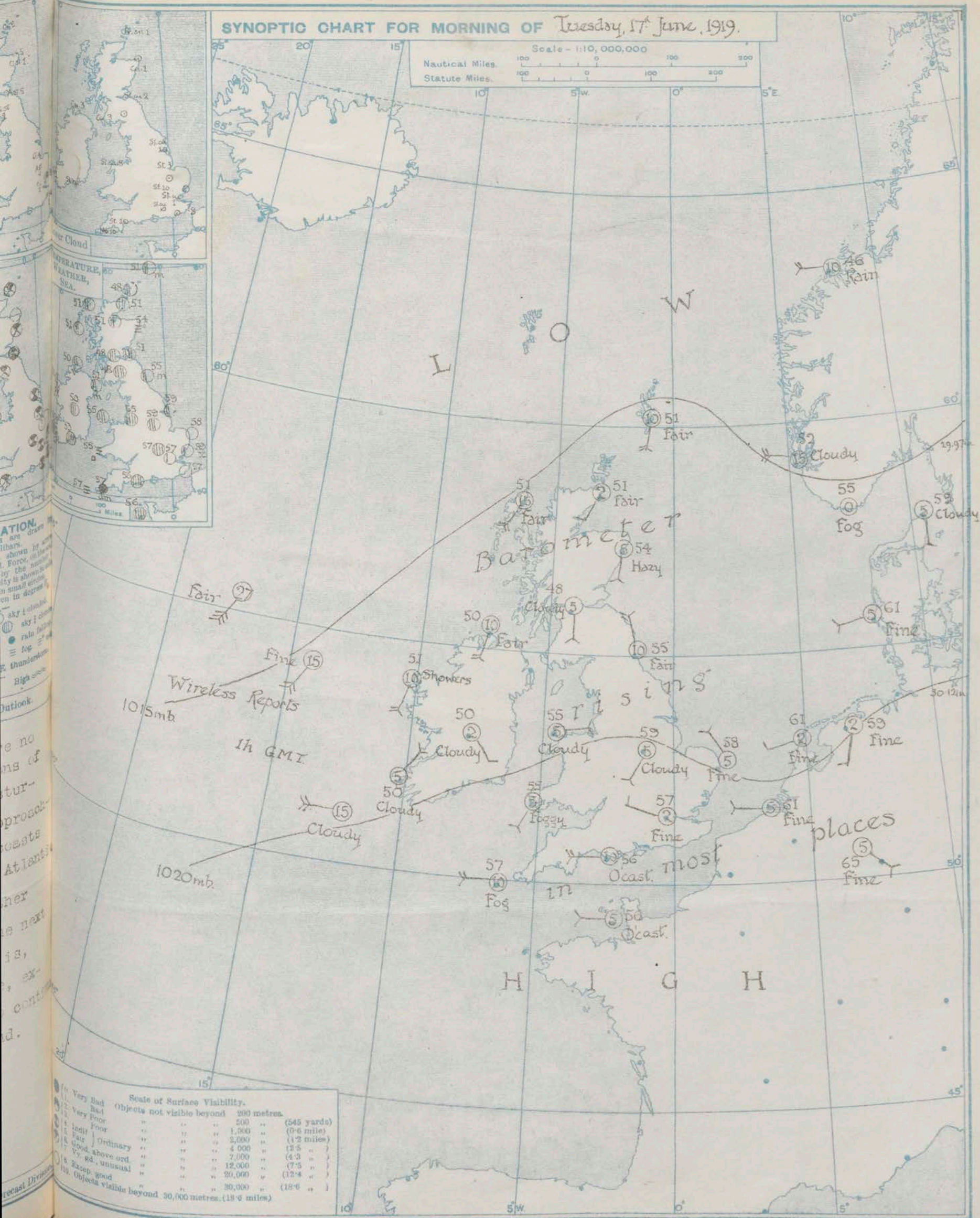
Further Outlook.

There are no indications of fresh disturbances approaching our coasts from the Atlantic. Fair weather during the next few days is, therefore, expected to continue in England.



# SYNOPTIC CHART FOR MORNING OF Tuesday, 17<sup>th</sup> June, 1919.

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





# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 168. B

Tuesday  
17<sup>th</sup> June 1919

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 16 <sup>TH</sup> JUNE.																			
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 15 <sup>TH</sup>	Day. 9h-17h. 16 <sup>TH</sup>	to 17h. 16 <sup>TH</sup>	Sunrise to Sunset. 16 <sup>TH</sup>			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-9h. 15 <sup>TH</sup>	Day. 9h-17h. 16 <sup>TH</sup>	to 17h. 16 <sup>TH</sup>	Sunrise to Sunset. 16 <sup>TH</sup>
Scotland.	Banff ...	bc	or	66	56	-	2	1.4	11.8	England, N.W.	Southport ...	bc. by	by. b	67	48	-	-	11.5	13.6
	Montrose ...	*	*	58	52	-	-	1.4	?		Douglas (I. of Man) ...	*	*	57	51	-	-	1.0	?
	St. Andrews ...	*	*	64	52	-	1	1.9	?		Blackpool ...	*	*	67	47	-	-	9.7	?
	Oban ...	*	or	54	52	?	?	0.0	?										
England, N.E.	Harrogate ...	b bc. c	b	72	49	-	-	7.7	12.3	Midlands.	Buxton ...	by	by	70	48	-	-	10.1	?
	Skegness ...	b	b	78	53	-	-	13.1	?		Leamington Spa ...	b	b	74	49	-	-	11.1	?
											Malvern ...	b	b	71	50	-	-	13.0	?
											Ross-on-Wye ...	b	b	72	46	-	-	12.3	12.7
England, E.	Felixstowe ...	bc	b	66	51	-	-	12.3	16.1	Wales.	Rhyl ...	bc	bc	66	52	-	-	8.5	10.5
	Walton-on-Naze ...										Colwyn Bay ...	*	*	64	54	-	-	8.0	9.7
	Southend-on-Sea ...	b3	b	78	55	-	-	12.3	16.3		Llandudno ...	c. b	c	64	53	-	-	5.8	8.5
											Aberystwyth ...	c. c	c. b. o	61	55	-	-	2.0	?
England, S.E.	Brighton ...	*	*	69	45	-	-	12.3	14.3	England, S.W.	Paignton ...	*	*	67	59	-	-	11.5	13.5
	Folkestone ...	*	*	72	62	-	-	13.0	12.9		Ilfracombe ...	a. c. bc	bc	61	50	-	-	4.5	?
	Margate ...	b	b	80	52	-	-	12.0	?		Teignmouth ...	b	b	74	44	-	-	11.7	?
	Ramsgate ...	*	b	68	51	-	-	11.8	11.9		Weymouth ...	bm. b	b	68	48	-	-	10.7	?
	Hastings ...	b	b	71	53	-	-	12.3	14.4		Torquay ...	b	b	68	48	-	-	12.1	14.2
	Eastbourne ...	b	b	72	47	-	-	12.7	14.2		Penzance ...	c. c	c. o	61	48	-	-	1.0	?
	Worthing ...	b	b	71	44	-	-	12.7	14.4		Newquay ...	c	c. bc	63	44	-	-	4.2	14.0
	Littlehampton ...	b	b	69	45	-	-	12.5	13.6		Weston-s-Mare ...	bc. b	b3	66	49	-	-	10.8	?
	Bournemouth ...	*	*	71	42	-	-	12.0	12.8		Bude ...	o	b	65	42	-	-	4.2	?

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.		THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.		Sun. Hours.			No.	Limits of Velocity.	
	7h-13h 16 <sup>th</sup>	13h-18h 16 <sup>th</sup>	18h-16 <sup>th</sup> 17 <sup>th</sup>	16 <sup>th</sup> -7h 17 <sup>th</sup>				Day. 7h-13h	Night. 13h-7h					Statute miles per hour.	Metres per second.
† Houlton Bay (Orkney)...	of. d.	or.	c. or.	bc. c	54	42	*	*	*	*	b	blue sky (not more than a quarter covered).	0	Less than 1	Less than 0.3
Eskdalemuir ... ..	adm. om.	o. or m.	orm. o. c	c. o. c	53	38	33	2	3	0.0	bc	sky partly cloudy (one half covered).	1	1-3	0.3-1.5
† Stranraer ... ..	q. p.	p. q.	c. o	c. o	58	40	*	*	*	*	c	generally cloudy (three quarters covered).	2	4-7	1.4-2.3
† Lough Foyle ... ..	r.	p. r.	c	o	56	46	*	*	*	*	d	drizzle, or fine rain.	3	8-12	2.4-3.4
Valencia (Cahirciveen) ...	op	or. c	ow	bc. c	58	44	40	4	-	0.7	e	wet air without rain falling.	4	15-18	4.5-5.0
† Anglesey (Llangefni) ...	cq	or.	op.	c. o. c	61	51	*	*	*	*	f	fog. g gloom.	5	19-24	5.0-6.7
Falmouth ... ..	o	c. v. c3	o	d	62	55	50	-	Trace	2.2	h	hail. i lightning.	6	25-31	6.7-8.3
† Calshot (Hants) ... ..	b.	b. bc	b.	b. bc	71	50	*	*	*	*	m	mist.	7	32-38	8.3-10.4
† Capel (Folkestone) ... ..	b. bc3	b. v	v. b.	b. bc2	72	60	*	*	*	*	o	overcast sky.	8	39-46	10.4-12.7
Aberdeen ... ..	omq	om. ogp	om. u	bc. c	62	43	36	-	1	0.0	p	passing showers.	9	47-54	12.7-14.8
† East Fortune ... ..	c. og	p. q.	bc. c	bc. c	62	47	*	*	*	*	q	squalls.	10	55-63	14.8-16.8
† Howden ... ..	c. og	z. bc. c	b. bc w	c. o. r.	76	48	*	*	*	*	r	rain.	11	64-75	16.8-20.8
† Felixstowe ... ..	b. bc3	b.3	b. bc3	b. bc2	73	55	*	*	*	*	rs	sleet, i.e., rain and snow together.	12	Above 75	20.8 or above
† Cranwell (Lincs) ... ..	b. bc. c	b. bc3	b. bc	bc. c. bc	78	52	*	*	*	*	s	snow.	Suffixes 0, 1 and 2 attached to Beaufort letters signify intensity. 0 = slight, 2 = heavy. Underlining is used to express continuity.		
† Bedford ... ..	zq	z. b.	b.2	b.2	78	47	*	*	*	*	t	thunder.			
Benson ... ..	b	b	b. bc. o	b. bc	77	43	33	-	-	*	u	ugly, threatening sky.	SYMBOLS— Aurora      Solar halo Rhoe        Lunar halo Glazed frost    Solar corona Glazed roads    Lunar corona		
London (Kew Obsv.) ... ..	bm. b	bm	b. bc	b. bc	78	46	38	-	-	14.7	v	unusual visibility.			
											w	dew.			
											x	hoar frost.			
											y	dry air; humidity less than 60 per cent.			
											z	dust haze; the turbid atmosphere of dry weather.			

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. in.	Sun- shine to Sunset. Hours.	HUMIDITY %.		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.																			
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.		17 <sup>th</sup> 18 <sup>th</sup> 19 <sup>th</sup> JUNE.																			
	24 HOURS ENDED 9h G.M.T. 17 <sup>th</sup> .....							YESTERDAY.		TO-DAY.																					
												Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise.	Noon.	Sunset.															
Greenwich (Royal Observatory)	b	b. bc	bc. m	83	50	37	-	15.4	33	59	Total ..25.6..6..... Joules.  Milliwatts. Average Rate. 43.1 Maximum Rate. 81	Yarmouth...	{	5.31	11.54	8.16															
City (Bunhill Row) ... ..	*	*	*	*	*	*	-	14.2	*	*							Greenwich	{	3.31	11.54	8.16										
Westminster (St. James's Park)	*	*	*	80	51	44	-	15.0	48	78												Wick ...	{	3.44	12.1	9.18					
Admiralty Arch	br	br	b. bc2	80	54	*	-	*	55	73																	Valencia ...	{	3.7	12.13	9.19
Camden Sq. (British Ratofal)	b	b	*	83	51	48	-	13.0	33	66																					
Kensington Palace ... ..	b	b	*	80	50	43	-	*	36	64	4.22	12.42	9.1																		
Richmond Park ... ..	*	*	*	*	*	*	-	?	*	*				4.22	12.42	9.1															

## NOTES ON THE WEATHER OF YESTERDAY.

In Scotland and Ireland and over the west of England temperature remained normal. Over the east and south-east of England temperature reached 59° or more at most stations. Maxima of 78° were recorded at Spurn, Cranwell, Bedford and Kew. Over Scotland and Ireland little

sunshine was experienced and rather heavy rain fell locally. Over the greater part of England the day was rainless and sunshine measurements ranged up to 15 hours at Clacton and nearly as much in London (Kew Observatory).



WEDNESDAY  
JUNE 1919



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

No 21,247B

WEDNESDAY, JUNE 18<sup>th</sup> 1919.

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

STATIONS	13H. G.M.T. OF 17 <sup>th</sup>													13H. G.M.T. OF 17 <sup>th</sup>													
	Barom. at M.S.L. m.b.	Change in 3 hours	Wind. Dir.	Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-10	Height of Low Cloud Feet.	Low Cloud Form.	Am't. 0-10	Upper Cloud Form.	Am't. 0-10	Barom. at M.S.L. m.b.	Change in 3 hours	Wind. Dir.	Force 0-12	Weather	Temp. °F.	Humidity %	Visibility 0-10	Height of Low Cloud Feet.	Low Cloud Form.	Am't. 0-10	Upper Cloud Form.	Am't. 0-10	
Horton B. (Orkney)	1017.0	0	SSE	6	o	50	70	8	4-5000	cu	7	A. cu	2	1015.3	-2	SSE	7	o	49	92	6	2-3000	cu	7	A. st	3	3
Eskdalemuir	1019.0	0	SW	3	c	59	65	8	-	cu	4	A. cu	4	1017.5	-1	SSW	4	c	59	65	8	-	cu	1	A. cu	6	4
Stranraer	1019.1	0	SSE	2	o	56	75	8	2-3000	cu	3	A. st	7	1017.8	-3	SSW	2	bc	57	82	8	2-3000	st	3	A. cu	3	4
Lough Foyle	1019.6	-1	SSW	4	o	55	75	8	3-4000	st cu	6	A. st	3	1019.5	0	SSW	4	o	53	75	8	3-4000	st cu	6	A. st	3	2
Valencia (Cahire's)	1019.9	0	SW	2	c	58	75	10	3-4000	cu	5	A. cu	2	1020.6	+1	WSW	3	c	56	75	10	3-4000	cu	5	A. st	-	3
Anglesey (Idange's)	1019.2	-2	SW	3	d <sub>2</sub>	57	92	3	1-1000	st	10	-	-	1019.0	0	SW	2	o	56	92	6	1-1500	st	10	-	-	2
Falmouth	1022.3	-1	SW	4	ag	62	87	4	-	Nb	10	-	-	1021.5	-2	WSW	2	o	58	92	2	-	-	-	-	-	4
Calshot (Hants)	1022.5	-1	SW	4	b <sub>1</sub>	67	82	8	7-9000	st cu	3	ci st	1	1021.2	-1	WSW	3	b <sub>1</sub>	61	98	8	7-9000	cu	1	ci st	2	4
Capel (Folkestone)	1022.7	0	SSW	3	z <sub>1</sub>	59	98	5	-	st cu	1	A. st	1	1021.3	0	SW	3	b <sub>1</sub>	59	87	8	7-9000	st	1	A. st	1	1
Aberdeen	1018.3	-1	SSE	4	bc <sub>2</sub>	60	45	8	-	-	-	ci st	5	1017.2	-1	S	4	o	64	65	7	-	Nb	3	A. cu	6	2
East Fortune	1019.2	-1	SSW	1	bc	63	55	7	3-4000	st cu	3	ci	2	1017.0	-2	NNE	1	b <sub>1</sub>	60	65	7	3-4000	st cu	3	ci st	2	4
Howden	1019.9	0	SSW	2	o	63	82	4	2-3000	st cu	10	-	-	1018.9	0	SW	2	g	61	92	3	2-3000	st cu	10	-	-	4
Felixstowe	1021.9	-1	SSE	3	b <sub>1</sub>	66	87	7	4-5000	st cu	1	-	-	1028.5	-1	SE	2	b <sub>1</sub>	65	87	7	-	-	-	-	-	3
Cranwell (Lincs)	1021.9	-1	SSE	3	b <sub>1</sub>	66	87	7	4-5000	st cu	1	-	-	1018.5	-2	WSW	1	o	69	92	6	5-7000	st cu	7	ci st	2	4
Bedford	1021.4	0	SW	1	c	72	55	3	5-7000	st cu	3	ci cu	5	1019.5	-1	W	2	bc	72	55	-	5-7000	st cu	2	ci cu	3	4
Benson	1020.9	-2	SW	3	c	74	45	6	-	-	-	-	-	1020.2	-1	WSW	2	c	70	65	10	-	cu	3	ci	3	4
London (Kew Obs.)	1021.0	-3	W	1	bc	73	45	8	-	fcu	3	ci	1	1019.5	-2	W	2	b <sub>1</sub>	75	45	7	-	cu	1	ci	1	4
1H. G.M.T. OF 18 <sup>th</sup>																											
Horton B. (Orkney)	1014.8	-1	SE	2	b <sub>1</sub>	45	98	7	2-3000	st	1	A. cu	1	1013.8	-1	WSW	3	o	47	92	8	2-3000	st	10	-	-	1
Eskdalemuir	1018.4	0	-	0	o	44	92	7	2-1000	st	10	-	-	1018.5	+1	WSW	4	c	53	75	8	-	cu	6	A. cu	1	4
Stranraer	1019.4	0	-	0	o	44	92	7	2-1000	st	10	-	-	1019.8	+3	W	2	v	53	87	8	2-3000	cu	1	A. st	5	4
Lough Foyle	1022.3	+1	WSW	3	bc	54	*	*	*	*	*	*	*	1020.2	+2	SW	5	c	55	87	7	2-3000	cu	7	-	-	4
Valencia (Cahire's)	1022.3	+1	WSW	3	bc	54	*	*	*	*	*	*	*	1020.8	+3	W	3	o	53	75	0	2-3000	st cu	1	ci	2	4
Anglesey (Idange's)	1019.8	+1	SW	1	o	52	92	-	2-3000	st cu	10	-	-	1022.0	+3	SW	1	o	54	75	8	1-2000	cu	8	ci	1	3
Falmouth	1022.3	0	W	1	o	58	98	5	-	st	10	-	-	1024.1	+3	WNW	4	b	58	82	7	-	cu	3	-	-	4
Calshot (Hants)	1021.7	0	WSW	1	c	57	98	7	4-5000	st cu	4	A. st	2	1022.3	+1	-	o	a	61	92	7	5-6000	st cu	8	A. cu	2	3
Capel (Folkestone)	1021.1	-1	NW	3	o	55	92	8	-	-	-	A. st	1	1021.8	+1	-	o	2	63	82	5	-	-	A. cu	3	2	
Aberdeen	1016.1	0	S	2	o	47	87	5	4-5000	st cu	9	-	-	1016.0	+1	SW	2	c	56	55	8	-	st cu	8	-	-	2
East Fortune	1016.8	0	SSW	1	o	50	87	-	2-3000	st cu	7	-	-	1017.3	+1	SSW	8	bc	55	75	6	4-5000	st cu	4	ci	2	4
Howden	1018.7	0	WNW	1	o	58	98	3	2-3000	st cu	10	-	-	1020.3	+3	WSW	1	o	59	82	4	-	-	A. cu	2	-	4
Felixstowe	1020.2	0	W	2	b <sub>1</sub>	61	92	-	-	-	-	-	-	1021.6	+2	WSW	1	c	63	92	5	4-5000	st cu	4	A. cu	3	3
Cranwell (Lincs)	1019.9	-2	SW	1	om	58	98	4	1-2000	cu	3	-	-	1020.6	+2	WNW	1	c	55	87	5	2-3000	st	8	-	-	4
Bedford	1021.0	0	W	1	b <sub>1</sub>	60	*	*	*	*	*	*	*	1021.0	+2	W	1	om	62	87	8	3-4000	st	10	-	-	4
Benson	1021.0	0	W	1	b <sub>1</sub>	60	*	*	*	*	*	*	*	1021.2	+2	WNW	2	o	62	87	5	-	cu	10	-	-	4
London (Kew Obs.)	1021.0	0	W	1	b <sub>1</sub>	60	*	*	*	*	*	*	*	1021.9	+3	SW	1	o	62	82	5	-	st cu	7	A. cu	2	4

STATIONS CONTRIBUTING REPORTS AT 7H AND 12H.

STATIONS.	12H. G.M.T. OF 17 <sup>th</sup>													7H. G.M.T. OF 18 <sup>th</sup>													24 HOURS ENDED 7H. 18 <sup>th</sup>													17 <sup>th</sup>
	BAROM. at M.S.L.		TEMP.		WIND.				BAROMETER.		TEMPERATURE.		WIND.		Dir. of Upper Cloud.		Weather.		Sea.		Rainfall.		TEMP.		WEATHER.			Sunshine												
	m. b.	° F.	Dir.	Force 0-12.	Weather.	M. S. L. m. b.	Change in 3 hours.	Temp. ° F.	Change in 24 hours.	Dir.	Force 0-12.	Dir.	Force 0-12.	Weather.	Sea.	mm.	Max. ° F.	Min. ° F.	Morning.	Afternoon.	Night.	Hours.																		
Lerwick	1017.1	52	S	3	bc	1012.9	0	52	+1	W	2	S	cm	2	-	56	49	bc	bc	cm	7.1																			
Stornoway	1014.0	52	SW	5	bcp	1013.7	+2	48	-3	WSW	3	-	bcp	2	8	57	45	c. bc	bcp	bcp	7.1																			
Castlebay (Barra's)	1015.2	52	SW	4	c	1016.0	+2	50	-1	W	4	-	c	4	1	54	48	bc	c. op. c	c. op. bc	9.0																			
Glasgow	1017.3	59	SW	2	c	1018.1	+2	51	+3	W	3	S	c	7	-	61	48	c. bc	c	c. o. c.	5.5																			
Main Head	1015.5	54	W	2	cv	1015.5	+2	51	+1	WSW	5	W	bc	4	1	59	48	bcv	bcv	bcp	4.9																			
Blackod Point	1017.0	54	SW	4	cv	1019.8	+3	49	-2	SW	3	-	bc	3	-	57	46	bcv	bcv	bc. bc	6																			
Roche's Point	1019.8	60	SSW	3	c	1023.7	+2	53	0	W	1	W	c	1	-	61	48	c. c. o	c. c	bc. c	8																			
Burr Castle	1019.4	58	SW	1	c	1021.9	0	51	+1	SW	1	-	c	1	-	62	49	c	c	c	0.0																			
Donaghadee	1017.0	58	SW	3	bc	1019.5	+1	51	0	SW	3	SW	bc	2	-	62	47	bc	cg. j.	bc. bc	8																			
Liverpool (Madison)	1018.6	57	W	3	o	1021.5	+3	55	0	W	3	SW	bc	2	4	62	52	cm	og. p	op. bc	0.0																			
Holyhead	1019.0	55	SW	4	og	1021.6	+2	53	-2	WSW	3	W	bc	2	0.1	63	51	c. bc	fed. cf	c. bc	2.7																			
Pembroke (St. Ann's Head)	1020.3	55	SW	3	odf	1023.8	+4	53	-2	WNW	2	W	bc	3	3	57	51	of	of	odf. v	0.0																			
Scilly (St. Mary's)	1021.7	58	WSW	2	cm	1023.7	+2	56	-1	W	2	SW	bc	3	0.2	63	53	f. cm	f. op. dm	c. bc	0.8																			
Jersey (St. Aubin)	1023.1	62	NW	2	b	1024.0	0	59	+3	WNW	3	-	o	3	-	64	49	o. b	b	bc. o	11.0																			
Portland Bill	1022.5	58	WSW	4	bc	1022.7	+1	58	+2	W	3	-	o	3	-	60	54	o	o. c	o	8																			
Dungeness	1020.8	60	SW	3	b	1021.4	+1	56	-1	SW	3	-	f	2	-	64	51	b	b	bc. b	8																			
Wick	1014.7	51	SSE	4	om	1013.6	0	52	+1	SSW	2	-	o	2	-	53	42	bc	bc. om	o. c. bc. o	8																			
Nairn	1015.0	59	W	3	c	1014.4	0	53	+2	WSW	2	-	cg	2	-	62	44	v. bc	bc. c	c. bc. c	7.1																			
Leith	1016.4	62	SW	1	bc	1016.7	0	55	+4	W	2	W	bc	2	-	62	50	c. bc	bc	bc. c. bc	8																			
Tynemouth	1016.6	56	SSE	3	om	1018.4	+2	57	+2	WSW	2	-	bc	1	-	62	49	c	cm	cm. q	8																			
Spurn Head	1019.8	60	SE	2	cm	1020.2	+1	57	-2	NW	2	-	bc	2	1	64	57	c	cm	or. bc	0.1																			
Yarmouth (Gorleston)	1018.7	61	S	4	b	1018.6	0	61	+3	WNW	3	-	bc	3	-	66	56	b	b. bc	b. bc	14.5																			
Clacton-on-Sea	1019.7	66	SSE	3	b	1021.2	+2	64	+5	WSW	2	-	bc	2	-	67	55	b	b	b. bc	14.2																			
Nottingham	1019.2	66	W	1	o	1021.0	0	60	+1	WNW	2	NW	c	3	0.3	70	57	c. o	op	op	2.0																			



# SUMMARY OF CONDITIONS AT 7 A.M. Wednesday, 18th June, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-W. 2-10	Rather	Cloudy or dull, sea fog.	Var.	Slight
2. E. England	WSW-WNW. 5-10	" Warm	Fair to dull, local mist	Ord.	"
3. E. Midlands	WNW. 5	"	Cloudy or dull.	Var.	"
4. W. Midlands	WNW. 5-10	"	Fair to dull.	Ord.	"
5. S.W. England	W-N. 5-15	Moderate	Variable, local haze.	V. good	Smooth
6. South Wales	WNW. 5	"	Fair	"	Slight
7. North Wales	SW. 5-10	"	Fair to dull.	"	Smooth
8. N.W. England	W. 10	"	Fair or cloudy	"	"
9. N. Midlands	WNW. 5-10	Rather	Fine to cloudy	Ord.	"
10. N.E. England	SW-NW. 5	" Warm	Fair or fine, local mist.	"	Smooth
11. E. Scotland	SW-W. 5-15	Moderate	Fair to cloudy.	V. good	"
12. S.W. Scotland	W. 10-15	"	Cloudy	"	Slight
13. Isle of Man	SW. 10	"	Fair generally.	"	Smooth
14. N. & N.W. Scotland	SW-W. 5-10	"	Fair to dull.	"	"
15. Hebrides	WSW. 10-15	Rather	Fair, showers at Stornoway	"	Slight
16. Orkneys and Shetlands	S-SW. 5-15	Moderate	Cloudy, slight rain locally	V. good	Smooth
17. N.W. Ireland	SW. 10	Rather	Fair, some haze.	"	Mod.
18. N.E. Ireland	SW. 10-20	Moderate	Fair to cloudy, local squalls.	"	Slight
19. S.E. Ireland	SW. 2-5	"	Cloudy	"	"
20. S.W. Ireland	SW-W. 5-10	"	Fine to cloudy.	"	"

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

Pressure continues highest over France and the south of the British Isles and lowest to the northward and north-westward of Scotland. The barometer is now rising generally over the country. A continuation of fair weather, therefore, seems likely. Local showers are still probable over the north of Scotland and Ireland.

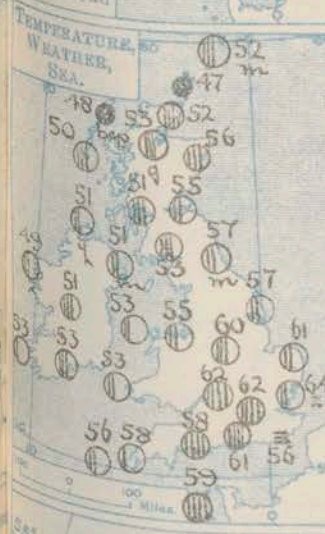
**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of five millibars.  
**WIND.**—Direction is shown by the arrow pointing in the direction from which the wind is blowing. Force in miles per hour is indicated by the number of feathers. Mean velocity is shown in small figures per hour by figures in small circles.  
**TEMPERATURE.**—Isobars are drawn at intervals of one degree.  
**WEATHER SYMBOLS.**  
 ☉ clear sky. ☁ sky & cloud. ☂ overcast sky. \* snow. ▲ hail. T thunder. SEA DISTURBANCE.—Rough. High.

Further Outlook.

Districts.	Forecasts for the 24 hours commencing 3 p.m.
1. S.E. England	Light or moderate Westerly breezes.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Fair, fog locally on English coast.
7. North Wales	
8. N.W. England	
9. N. Midlands	Warm.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Moderate SWly. or Wly. winds. Cloudy with local showers. Moderate temperature.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Light or moderate Wly. or SWly. breezes. Fair. Moderate temperature.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

There are no indications of fresh disturbance approaching from the Atlantic. The barometer is rising slowly over the whole country. The fair weather is, therefore, expected to continue over the whole country.





Scale of Surface Visibility.				
Objects not visible beyond _____ metres.				
1. Very Bad			500	(545 yards)
2. Bad				
3. Very Poor			1,000	(1,094 miles)
4. Poor			2,000	(2,188 miles)
5. Indistinct			4,000	(4,375 miles)
6. Fair			7,000	(7,590 miles)
7. Good, above ord.			12,000	(12,904 miles)
8. V. gd., unusual			20,000	(21,475 miles)
9. Excep. good				
10. Objects visible beyond 30,000 metres, (32,400 miles)				



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 169 B

Wednesday  
18<sup>th</sup> June 1919

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 17<sup>th</sup> June.

STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-18h. 16 <sup>th</sup> .	Day. 9h-17h. 17 <sup>th</sup> .	to 17h. 17 <sup>th</sup> .	Sunrise to Sunset. 16 <sup>th</sup> .		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-18h. 17 <sup>th</sup> .	Day. 9h-17h. 17 <sup>th</sup> .	to 17h. 17 <sup>th</sup> .	Sunrise to Sunset. 17 <sup>th</sup> .
Scotland, Banff ...	bc	c.o	61	44	9	-	6.0	1.4	England, N.W. Southport ...	o.c.o	o.m.o	62	55	1	1	0.7	12.2
Montrose ...	*	*	56	44	-	-	7.1	1.4	Blackpool ...	*	*	68	54	0.3	0.3	2.6	9.7
St. Andrews ...	*	*	64	44	0.2	-	9.1	1.9	Douglas (I. of Man) ...	*	*	58	48	?	?	6.0	1.0
Oban ...	*	bc.c.o	57	43	3	-	6.5	0.0	England, N.E. Buxton ...	bc.r	bc.r	59	53	3	0.2	6.0	12.4
England, N.E. Harrogate ...	o	op	71	54	0.4	-	0.0	9.9	Leamington Spa ...	c.b	c.b	72	50	-	-	4.7	13.7
Skegness ...	b.bc	bc.c	69	49	-	-	7.2	15.4	Malvern ...	c	c	68	53	-	-	1.0	15.0
England, E. Felixstowe ...	bc	bm	68	51	-	-	12.3	2.1	Ross-on-Wye ...	c.bc	c.bcy	71	52	-	-	1.4	15.0
Walton-on-Naze ...	bc	b	73	53	-	-	12.2	14.6	Wales. Rhyl ...	c	o	62	55	-	-	0.1	8.6
Southend-on-Sea ...	bc	b	73	53	-	-	12.2	14.6	Colwyn Bay ...	*	*	63	55	-	-	0.4	8.0
England, S.E. Brighton ...	*	*	66	50	-	-	12.4	14.8	Llandudno ...	o	op	60	54	-	0.2	0.7	5.8
Folkestone ...	*	*	65	52	-	-	12.5	13.0	Aberystwyth ...	o.o	o.o	60	56	-	15	0.0	2.0
Margate ...	b	b	75	54	-	-	12.0	14.0	Ilfracombe ...	om.e	o	65	56	1	2	1.4	4.5
Ramsgate ...	*	b	70	48	-	-	11.7	14.1	Seignemouth ...	bc	c	65	51	-	-	1.8	13.5
Hastings ...	b	b	65	51	-	-	12.4	15.2	Paignton ...	*	*	64	60	-	-	0.5	13.5
Eastbourne ...	bc	b	66	49	-	-	12.5	14.8	Weymouth ...	o	c.bc	68	48	-	-	10.5	12.5
Worthing ...	b	b	67	47	-	-	12.2	15.2	Torquay ...	o.c	c.od	62	57	1	0.1	0.0	1.0
Littlehampton ...	b	b	70	46	-	-	12.8	14.9	Penzance ...	o.c	c.od	62	57	1	0.1	0.2	4.2
Bournemouth ...	*	*	69	46	-	-	5.2	13.7	Newquay ...	cp.o	o	65	55	0.4	-	0.5	13.0
									Weston-s-Mare ...	c.bc.c	cp.c	68	56	-	-	0.2	4.2
									Bude ...	od.o	od	64	56	-	-	0.2	4.2

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.		TEMP.		RAINFALL.		SUN.	
	7h-18h 17 <sup>th</sup>	18h-18h 17 <sup>th</sup>	18h 17 <sup>th</sup> -18h 18 <sup>th</sup>	18h-18h 18 <sup>th</sup>	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	Rainfall. 7h-18h. 18h-18h. 18 <sup>th</sup> Hours.
	7h-18h 17 <sup>th</sup>	18h-18h 17 <sup>th</sup>	18h 17 <sup>th</sup> -18h 18 <sup>th</sup>	18h-18h 18 <sup>th</sup>	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	Rainfall. 7h-18h. 18h-18h. 18 <sup>th</sup> Hours.
† Houton Bay (Orkney) ...	bc.cv	c.ov	c.o	c.o.c.o	54	42	*	*
Eskdalemuir ...	o.c.a.c	c	c.bc.b.c.o	o.c.b.c	61	43	26	10.2
† Stranraer ...	vc.o	v.bc.c	*	b.c.c	59	40	*	*
† Lough Foyle ...	c.ov	c.ov	*	p.v	59	46	*	*
Valencia (Cahirciveen) ...	c.o.c	c.o.c	c.o.b.c.p	*	59	50	47	3.8
† Anglesey (Llangefni) ...	c.o	d <sub>2</sub>	o	o.c.o	63	51	*	*
Falmouth ...	pm.om	ope.o	odm	o.b	62	53	47	0.0
† Calshot (Hants) ...	c.o	b.bc	bc.c	c	71	50	*	*
† Capel (Folkestone) ...	b.bc.f	b.v	b.bcv	b.bcz	63	50	*	*
Aberdeen ...	bmbc.b	bcy.c3	c2.o.c	b.bcz	60	49	39	8.5
† East Fortune ...	b.bcv	bc.cv	b.bcv	b.bcz	63	47	*	*
† Howden ...	on	op	gr	b.bcv	76	43	*	*
† Felixstowe ...	b.bcz	b.bcz	b.bcz	b.ccm2	72	55	*	*
† Cranwell (Lines) ...	c.bc.c	om <sub>2</sub> f <sub>2</sub>	o.c	om	72	53	*	*
† Bedford ...	bc.c	bc.c	b.bcz	om	74	52	*	*
Benson ...	bc	bcv	b.bcz	b.bcz	76	56	44	*
London (Kew Obsy.) ...	b.bc	bc.bq	b.bcz	b.bcz	77	57	48	13.4

## BEAUFORT NOTATION.

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

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-0.9
2	4-7	1.0-2.4
3	8-13	2.5-3.7
4	14-18	3.8-5.0
5	19-24	5.1-6.7
6	25-31	6.8-8.6
7	32-38	8.7-10.7
8	39-46	10.8-12.8
9	47-54	12.9-15.0
10	55-63	15.1-17.7
11	64-75	17.8-20.8
12	Above 76	20.9 or above

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

SYMBOLS—  
Aurora ☄ Solar halo ☄  
Frost ❄ Lunar halo ☄  
Glazed frost ❄ Solar corona ☄  
Glazed roads ☄ Lunar corona ☄

LONDON OBSERVATIONS.	WEATHER.		TEMP.		RAIN.		SUN.		HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.	
	Morning	Afternoon.	Night.	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	Rainfall. mm.	Sunshine to Sunset. Hours.	15 h. G.M.T.	9 h. G.M.T.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Total. Joules.	Stations.	Sunrise. G.M.T.
	Morning	Afternoon.	Night.	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	Rainfall. mm.	Sunshine to Sunset. Hours.	15 h. G.M.T.	9 h. G.M.T.	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Total. Joules.	Stations.	Sunrise. G.M.T.
Greenwich (Royal Observatory)	b	bc	bc	82	56	45	-	14.6	41	67	13.8	57	Yarmouth...	5.31
City (Bunhill Row) ...	*	*	*	78	58	53	-	13.8	44	68	13.0	59	Greenwich	5.44
Westminster (St. James's Park)	*	*	*	80	58	54	-	13.8	44	68	13.0	59	Wick	5.44
" (Admiralty Arch)	bc2	b.bc	b.bc.c2	82	58	54	-	13.0	39	69	13.0	59	Valencia ...	5.44
Camden Sq. (British Rainfall)	b	b	*	82	58	54	-	13.0	39	69	13.0	59		
Kensington Palace ...	b	bc	*	80	56	51	-	13.0	39	69	13.0	59		
Richmond Park ...	*	*	*	80	56	51	-	13.0	39	69	13.0	59		

## NOTES ON THE WEATHER OF YESTERDAY.

Little rain fell over the country yesterday, Stornoway measured 8 mm, Liverpool 4 mm. and Pembroke 3 mm. but elsewhere the measurements were 1 mm. or less. Most sunshine was experienced in the east and south of England. Over Ireland and the north-west of England little sunshine was experienced. Over

the west of Scotland 9.0 hours was measured at Castlebay and 7.1 hours at Stornoway. The maximum temperature was 77° F. in London (Kew); temperatures in the south and south-east of England reached 70° or more generally.



rsday,  
June 1919



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

No 24028 B THURSDAY, JUNE 19<sup>th</sup> 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 12h AND 12h.																												
STATIONS.	Barom.	Change	Wind.	Weather.	Temp.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea.	Barom.	Change	Wind.	Weather.	Temp.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea.						
	at M.S.L. m.b.	in 3 hours.	Dir. Force 0-12.		°F.	% 0-100.	0-10.	Feet.	Form. Amt. 0-10.	Form. Amt. 0-10.	0-8.	at M.S.L. m.b.	in 3 hours.	Dir. Force 0-12.		°F.	% 0-100.	0-10.	Feet.	Form. Amt. 0-10.	Form. Amt. 0-10.	0-8.						
12h. G.M.T. 18 <sup>th</sup>												12h. G.M.T. OF 19 <sup>th</sup>																
Houton B. (Orkney)	1015.3	+2	W	7	bc	53	65	7	5-7000	St Cu	3	Ast	2	4														
Eskdalemuir	1019.9	+1	WSW	4	cv	59	45	10	-	Cu	7	Ci	1	3	1020.9	0	SSW	4	c	54	75	7	-	Cu Mb	6	Ci	1	*
Stranraer	1021.4	0	SSW	2	v	61	65	8	3-4000	Cu	4	Ci	3	3	1020.6	-2	SSW	4	v	55	75	8	3-4000	Cu	3	Ci	1	*
Lough Foyle	1022.1	0	WSW	5	c	55	75	7	3-4000	Cu	5	Ci St	2	3	?	-1	WSW	4	o	54	75	7	3-4000	St Cu	5	Ast	5	2
Valencia (Cahire'n)	1023.7	0	SW	3	bc	57	65	10	3-4000	Cu	5	Ci Cu	1	3	1020.6	-4	S	5	o	56	75	10	2-3000	Cu	6	Ast	3	4
Anglesey (Llangefni)	1022.8	-1	WSW	2	bc	59	65	8	12-2000	F. Cu	2	Ci St	4	3	1023.0	-2	WSW	3	b	57	65	8	3-4000	St Cu	1	Ci	2	3
Falmouth	1025.3	+2	WNW	2	bc	65	45	7	-	Cu	3	Ci	3	3	1024.7	-1	MNW	2	bcv	64	45	8	-	-	F. Cu	1	*	
Calshot (Hants)	1022.9	+1	SW	3	bc	71	75	8	4-5000	Cu	3	Ci	1	4	1022.9	0	WSW	3	c	65	87	8	-	-	Ci St	6	4	
Capel (Folkstone)	1023.3	+1	SW	3	of	60	87	3	-	St Cu	9	-	-	3	1023.3	-1	SSW	3	f	55	98	0	-	-	-	-	-	
Aberdeen	1016.7	+1	W	1	bcv	63	40	8	-	Cu	5	-	-	2	1018.1	+1	-	0	c	56	65	8	-	Cu	8	Ci St	1	2
East Fortune	1019.3	+1	WSW	4	bc	62	55	6	5-7000	Cu	5	-	-	2	1020.4	+1	WSW	3	c	52	55	6	5-7000	Cu	2	Ast	2	*
Howden	1022.1	+2	W	4	c	63	55	6	3-4000	St Cu	4	Ast	3	3	1022.3	0	NW	2	c	62	55	6	3-4000	St Cu	3	Ast	4	*
Felixstowe	1022.4	0	S	3	o	63	65	6	4-5000	Cu	3	-	-	3	1022.6	0	E	3	c	61	98	7	-	Cu	6	-	-	3
Cranwell (Lincs)	1021.9	+2	WNW	3	c	67	55	7	4-5000	Cu	5	Ast	3	3	1021.9	0	NW	2	c	65	65	5	2-3000	St	4	Ci	2	*
Bedford	1021.8	0	NW	2	bc	69	55	7	4-5000	Cu	5	-	-	3	1021.5	0	-	0	bc	71	45	6	4-5000	Cu	5	-	-	*
Benson	1021.6	+1	W	1	bc	71	45	6	-	Cu	3	Ci	1	3	1021.0	0	W	1	b	73	45	8	-	Cu	2	-	-	*
London (Kew Obs.)	1022.2	0	NW	2	bc	71	45	8	-	P. Cu	3	Ci	1	3	1021.4	-1	WNW	1	b	75	40	8	-	P. Cu	1	Ci St	1	*
1h. G.M.T. OF 19 <sup>th</sup>												7h. G.M.T. OF 19 <sup>th</sup>																
Houton B. (Orkney)	1013.8	-0	S	4	r	47	92	5	3-4000	St Cu	4	Ast	6	3	1003.1	-10	S	8	rm	48	92	3	2-3000	F. Cu	1	Ast	9	5
Eskdalemuir	1017.5	-4	S	3	o	48	82	7	-	-	-	Ast	10	*	1011.8	-6	SSW	6	orm	49	92	3	12-2000	Nb	10	-	-	*
Stranraer	1016.0	-5	S	4	q	52	92	5	2-3000	St	10	-	-	*	1010.0	-5	S	6	od	52	98	5	12-2000	Nb	10	-	-	*
Lough Foyle	1013.6	-4	SW	6	om	56	*	*	*	*	*	*	*	*	1055.5	+1	SSW	8	bc	53	82	6	2-3000	Cu	7	-	-	*
Anglesey (Llangefni)	1020.2	-3	SSW	4	o	53	87	-	3-4000	St	10	-	-	4	1013.6	+2	SW	3	od	53	92	5	2-4000	St	10	-	-	4
Falmouth	1023.2	-3	-	0	bc	49	82	6	-	-	-	Ci	4	3	1015.4	-4	SSW	7	od	55	82	6	2-1000	St	10	-	-	6
Calshot (Hants)	1024.1	+2	W	1	bc	56	98	8	3-4000	St Cu	4	-	-	2	1020.5	-2	SW	4	c	60	82	6	-	Cu	7	-	-	*
Capel (Folkstone)	1023.2	0	SSW	3	3	52	98	4	< 500	St	10	-	-	3	1021.8	-2	-	0	o	60	87	8	3-4000	St	5	Ast	4	2
Aberdeen	1016.7	-4	S	3	U	45	87	6	4-5000	St Cu	3	Ci	1	*	1021.9	-1	SW	3	of	53	98	0	4-5000	St	10	-	-	2
East Fortune	1017.3	-4	S	3	o	52	75	-	-	-	-	Ast	9	*	1009.6	-6	SSE	4	o	52	75	7	-	St	5	Ast	4	3
Howden	1020.8	-3	-	0	b	48	87	4	-	-	-	Ast	3	*	1009.6	-7	S	5	o	55	75	6	3-4000	Cu Nb	9	-	-	*
Felixstowe	1022.2	-1	SSE	3	bc	60	98	-	-	-	-	-	-	3	1017.4	-4	S	1	um	54	82	1	2-3000	St Cu	10	-	-	*
Cranwell (Lincs)	1020.7	-4	-	0	3	50	92	0	2-3000	St Cu	2	-	-	*	1020.8	0	WSW	3	c	61	82	5	-	-	Far Cu	4	3	*
Bedford	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.1	-3	SW	3	c	57	75	6	4-5000	St	4	Ast	3	*
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.2	-2	WSW	3	c	59	65	5	4-5000	St	2	Ast	6	*
London	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.9	-1	SSW	3	bc	57	65	5	-	-	A. Cu	5	*	
M.S. at L.W.	1022.1	0	SW	2	bc	61	*	*	*	*	*	*	*	*	1020.9	-1	WSW	3	bc	60	65	7	-	St Cu	1	Ci	4	*
STATIONS CONTRIBUTING REPORTS AT 7h AND 12h.																												
STATIONS.	Barom.	Temp.	Wind.	Weather.	Barometer.	Temperature.	Wind.	Dir. of Upper Cloud.	Weather.	Sea.	Rainfall.	Temp.	Weather.			Sunshine.												
	at M.S.L. m.b.	°F.	Dir. Force 0-12.		at M.S.L. m.b.	Change in 3 hours.	Temp. °F. Change in 24 hours.					Dir. Force 0-12.	Max. °F. Min. °F.	Morning.	Afternoon.		Night.	Hours.										
12h. G.M.T. OF 18 <sup>th</sup>															7h. G.M.T. OF 19 <sup>th</sup>													
Lerwick	1015.2	53	W	4	cm	1008.1	-8	51	-1	SE	5	-	omd	4	1	55	45	c	cm	omd	*							
Stornoway	1015.6	52	WSW	4	c	998.7	-4	53	+5	SSW	6	-	cpq	5	9	57	47	bcq	bcq	cpq	10.4							
Castell Bay (Barrat)	1016.6	52	SSW	4	o	1001.5	0	52	+2	SW	4	-	b	5	3	54	49	bc-b	b-o	or b	10.0							
Glasgow	1020.1	57	SSW	2	c	1008.9	-6	51	9	S	3	-	r	3	3	58	49	c-bc	c-o-c	omr	8.6							
Malin Head	1018.8	54	WSW	3	c	1004.1	+2	53	+2	SW	4	SW	bcq	5	1	55	50	bcq	bcq	omg p	7.3							
Blackod Point	1016.6	53	S	6	og	1006.6	+1	53	+4	WSW	6	W	bc	6	9	57	48	bc	cpq	omr	*							
Roche's Point	1023.4	56	S	4	ov	1014.9	-2	55	+2	SSW	4	-	fd	4	1	60	52	bc-c	c-bc-o	ofd	*							
Birr Castle	1019.5	60	SW	1	c	1011.5	*	55	+4	W	2	-	r	3	3	63	50	c	c	c	7.7							
Donaghadee	1019.7	57	SSW	4	bc	1009.1	-3	52	+1	SSW	5	-	ogm	4	3	62	51	bc	bc	ogm	*							
Liverpool (Ludlow)	1022.6	59	NW	1	b	1016.1	-4	55	0	SSW	2	-	o	2	-	60	50	c-bc	bc-b	bc-c	8.4							
Holyhead	1022.8	56	SW	4	b	1014.4	-3	55	+2	S	6	-	omg	5	-	62	52	bc-c-b	bc-b	c-og	8.5							
Pembroke (St. Mary's)	1024.5	55	SW	1	bc	1018.0	-2	55	+2	S	4	-	o	4	-	58	52	bc	bc	bc-c	11.9							
Silly (St. Mary's)	1025.5	60	W	1	b	1020.3	-2	58	+2	SW	3	-	c	4	-	63	54	bc	b	bc-c	13.9							
Jersey (St. Aubin)	1024.7	65	NW	2	b	1023.1	0	57	-2	SW	2	-	o	1	-	66	48	a.c.b	b	bc-o	7.0							
Portland Bill	1022.7	59	WSW	3	bc	1020.6	-2	57	-1	WSW	4	-	o	3	-	62	52	a-bc	bc	c-o	*							
Dungeness	1022.5	59	SW	4	b	1021.4	0	55	-1	SW	3	SW	c	2	-	61	53	f-cm	m-fb	b-bc	*							
Wick	1016.4	56	W	2	bc	1002.8	-7	51	-1	S	6	-	o	4	1	60	48	cp	c-bc	bc-omg	*							
Nairn	1017.2	57	W	2	bc	1002.6	-3	56	+3	WSW	5	-	cp	4	0.3	62	49	cp-bc	bc	bc-cq	11.2							
Leith	1019.5	59	W	2	b	1008.9	-3	55	0	SW	4	-	o	2	-	62	53	bc-c-bc	bc	bc-uo	*							
Yarmouth	1020.6	65	WNW	3	bc	1014.6	-4	53	-4	SW	3	-	omg	2	-	67	47	bc	bc	bc-om	*							
Spurn Head	1022.0	63	WNW	2	bc	1018.5	-2	57	0	SW	2	-	o	2	-	64	55	bc	bc	bc-m	2.8							
Yarmouth (Thor)	1022.5	59	SSE	2	c	1019.1	-2	59	-2	SW	2	-	bc	2	-	67	54	bc	bc-c	bc	6.7							
Clacton-on-Sea	1021.9	66	ESE	3	bc	1021.0	0	60	-4	WSW	2	-	bc	2	-	69	56	bc-c	c-bc	bc	9.4							
Nottingham	1022.3	65	WNW	2	bc	1015.2	*	56	-4	SW	2	SW	c	*	-	70	49	c-o	c-bc	bc-c	9.6							

\* Air Ministry Station.

\* Information for these columns not usually received.

† The barometric change is expressed in half millibars. ‡ Longside † in In.



# SUMMARY OF CONDITIONS AT 7 A.M. Thursday, 19th June, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-W. 10-15	Moderate	Variable sky, local sea fog.	Var.	Smooth
2. E. England	WSW. 5-10	Rather warm	Fair to cloudy.	Ord.	"
3. E. Midlands	SW. 5-10	Moderate	Fair to cloudy.	Fair	-
4. W. Midlands	S-SW. 5-10	"	Fair to dull.	"	-
5. S.W. England	SW. 5-15	Rather warm	Cloudy or dull, local mist	Good	Slight
6. South Wales	S. 15	Moderate	Dull.	-	Mod.
7. North Wales	S. 28-35	"	Dull, local drizzle, mist & squalls.	Good	Rather rough
8. N.W. England	SSW. 5-15	"	Cloudy or dull.	-	Smooth
9. N. Midlands	S-SW. 5	"	Cloudy or dull.	-	-
10. N.E. England	S-SW. 2-10	"	Dull, local mist or fog.	Var.	Smooth
11. E. Scotland	S-SW. 15-25	"	Cloudy or dull, local squalls	Good	Slight
12. S.W. Scotland	S-SW. 15-28	"	Dull, some rain, local mist.	Ord.	Rather rough
13. Isle of Man	S-SW. 10-20	"	Dull, local showers & squalls.	-	-
14. N. & N.W. Scotland	S-SW. 15-28	"	Dull, local mist & squalls.	-	Mod.
15. Hebrides	S-SW. 15-28	"	Fine to cloudy, local showers.	-	Rather rough
16. Orkneys and Shetlands	SE-S. 21-35	"	Dull, mist & drizzle.	Poor	-
17. N.W. Ireland	WSW. 28	"	Fair, local mist.	Good	Rough
18. N.E. Ireland	S-SW. 15-28	"	Fair to dull, squally, local showers.	"	Rather rough
19. S.E. Ireland	SW-W. 5-15	"	Dull, local rain.	Poor	Mod.
20. S.W. Ireland	SW. 10-15	"	Dull, drizzle, local fog.	Fair.	"

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

A deep depression centred off the Hebrides is moving north-east. Dull, rainy weather, improving is therefore anticipated over Scotland and Ireland. The depression is not likely to influence the weather much over South-East and East England.

**EXPLANATION.**  
 BAROMETER.—Inches and tenths.  
 WIND.—Direction is shown by the arrow. Force, in knots, is indicated by the number of feathers. Mean velocity is shown in small circles per hour by figures in small circles.  
 TEMPERATURE.—Inches and tenths.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & clouds. ☂ rain. ☄ overcast sky. ⚡ lightning. \* snow. ▲ hail. T thunder.  
 SEA DISTURBANCE.—  
 Rough. High.

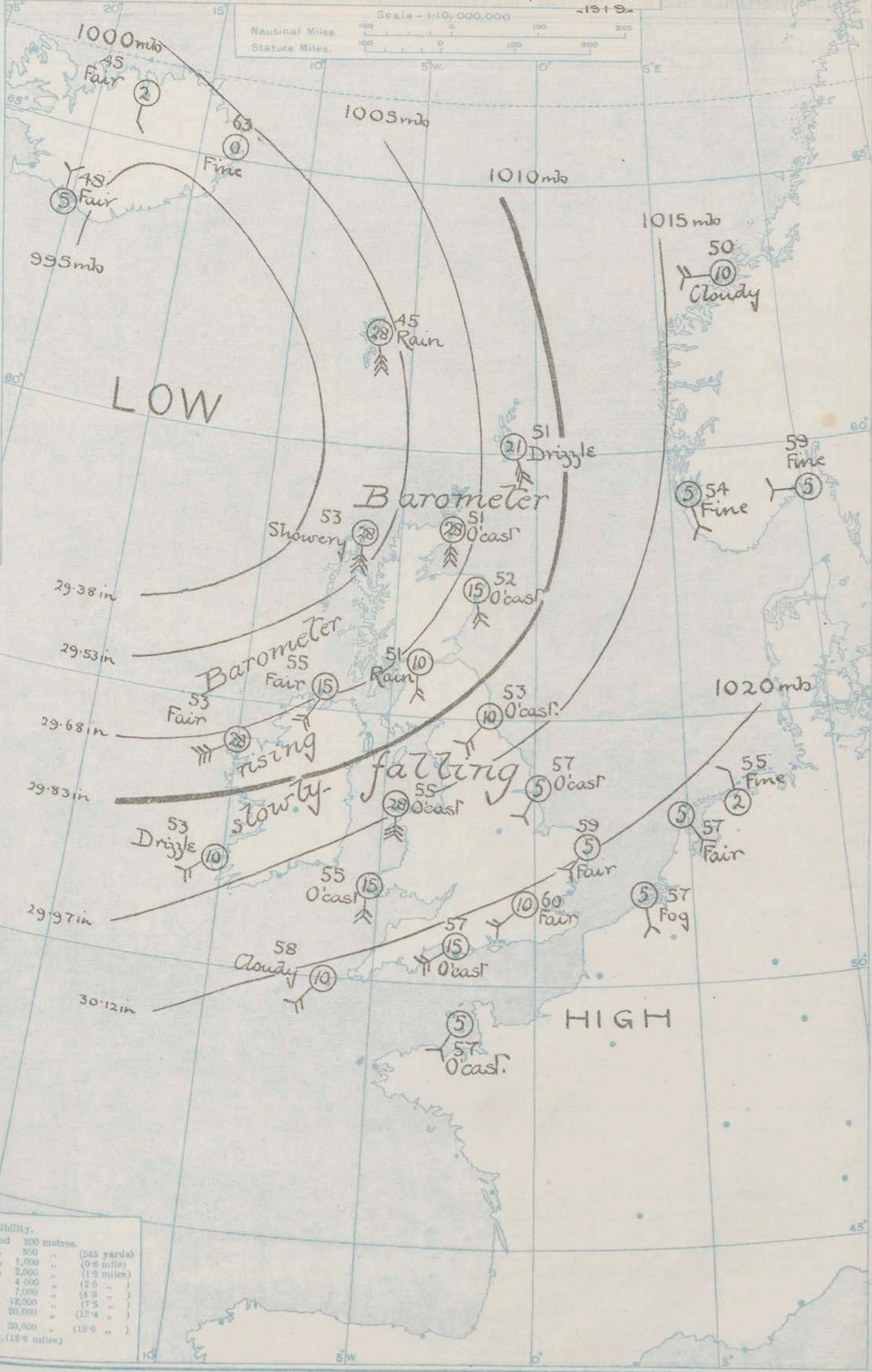
Districts.	Forecasts for the 24 hours commencing 3 p.m. Thursday, 19th June, 1919
1. S.E. England	Moderate SWly. or Wly. breezes, fresh at times. Cloudy, rather cooler than of late.
2. E. England	
3. E. Midlands	
4. W. Midlands	Fresh SWly. or Wly. winds. Cloudy, occasional showers. Moderate temperature.
5. S.W. England	
6. South Wales	
7. North Wales	Fresh or strong Wly. winds veering to NW. Dull, rain at times becoming changeable showery. Rather cool.
8. N.W. England	
9. N. Midlands	
10. N.E. England	Strong Sly. or SWly. winds veering to NW. or N. Squally. Dull, some rain, improving. Cool.
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Same as for 7-10
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	

Over East and South-east England SWly. or Wly. breezes with fair or cloudy weather is likely to continue.



# SYNOPTIC CHART FOR MORNING OF THURSDAY, 19<sup>TH</sup> JUNE

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



Scale of Surface Visibility.

Symbol	Description	Objects not visible beyond	metres	(yards)
1	Very Bad	"	200	(220)
2	Bad	"	500	(545)
3	Very Poor	"	1,000	(1,094)
4	Poor	"	2,000	(2,187)
5	Indist.	"	4,000	(4,374)
6	Fair	"	7,000	(7,656)
7	Good	"	12,000	(13,120)
8	Good, above ord.	"	20,000	(21,872)
9	Excep. good	"	30,000	(32,808)
10	Objects visible beyond	30,000 metres, (32,808 miles)		



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No 170. B

Thursday  
19 June 1919

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 18<sup>th</sup> June

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.									England, N.W.								
Banff ...	p	bc	59	45	0.3	0.3	6.3	6.0	Southport ...	c. bc	b	60	54	0.1	-	10.0	0.7
Montrose ...	*	*	61	46	-	-	9.6	7.3	Blackpool ...	*	*	67	54	0.2	-	10.0	2.5
St. Andrews ...	b	c	63	47	-	-	8.7	9.6	Douglas (2. of Man) ...	*	*	60	48	-	-	12.0	6.0
Oban ...	bc. b. p	bc. c	55	47	3	trace	9.7	6.9									
England, N.E.									England, N.W.								
Harrogate ...	bc. b	bc. b	64	50	4	-	10.8	0.0	Buxton ...	bc	bc	61	51	-	-	9.7	0.7
Skegness ...	od. bc	bc. e	63	56	-	-	5.3	7.2	Leamington Spa ...	ga. bc	bc	71	58	-	-	8.4	5.4
									Malvern ...	bc	bc	69	54	1	-	9.0	1.0
									Ross-on-Wye ...	c. bc. b	b	74	54	-	-	10.9	1.4
England, E.									England, N.W.								
Felixstowe ...	o	bc. m	71	55	-	-	5.9	14.2	Rhyl ...	bc	bc	60	52	2	-	10.1	0.1
Walton-on-Naze ...									Colwyn Bay ...	*	*	59	52	2	-	8.6	0.4
Southend-on-Sea ...	bc. c. om.	bc. cm	74	57	-	-	4.3	14.5	Llandudno ...	c. b	bc	62	54	0.2	-	8.0	0.7
									Aberystwyth ...	bc. b	b. bc	60	56	-	-	12.0	0.0
England, S.E.									England, S.W.								
Margate ...	b. bc. c	b. bc. b	71	56	-	-	5.9	14.1	Portsmouth ...	bc. b	b	70	58	-	-	10.3	0.5
Ramsgate ...	*	bc	68	50	-	-	5.4	13.7	Brighton ...	b	b	74	55	-	-	10.3	1.4
Hastings ...	o	bc. b	65	51	-	-	4.8	15.0	Ilfracombe ...	c. bc. b	b	59	53	0.3	-	11.3	1.5
Eastbourne ...	o	bc	64	54	-	-	7.3	15.0	Weymouth ...	bc. b	b	72	57	-	-	9.8	0.7
Worthing ...	o. bc	b	67	54	-	-	6.3	14.9	Torquay ...	b. bc	bc. b	68	58	-	-	10.8	0.0
Littlehampton ...	b	b	65	53	-	-	6.5	15.1	Penzance ...	bc. b	b	66	53	1	-	12.0	0.2
Bournemouth ...	*	*	75	56	-	-	9.0	5.5	Newquay ...	b	b	60	53	0.2	-	12.0	0.2
									Weston-s-Mare ...	b. bc	bc	67	55	1	-	10.4	0.2
									Bude ...	b	b	62	57	-	-	-	-

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.		Sun. Hours.
								Day, 7h-18h	Night, 18h-7h	
	7h-12h.18°	12h-18h.18°	18h.3°-1h.19°	1h-7h.19°						
†Houton Bay (Orkney)...	bc.c		c.03	orm	55	45	*	*	*	*
Eskdalemuir ...	bc.c.v.g.	c.g.o.g.o.c	c.o	o.orm	60	45	4.3	-	2	8.7
†Stranraer ...	bc.cv	o.v	g.c	o.r.g.	61	46	*	*	*	*
†Lough Foyle ...	bc.c.o			o	56	47	*	*	*	*
Valencia (Cahirciveen)...	b.bcy	bcy.c.o	o.o.r		60	53	5.2	-	10	9.6
†Anglesey (Llangefni) ...	bc.c	c.o.b.c.c	o	o.p.d	63	48	*	*	*	*
Falmouth ...	bcy	bc.b.y.v	cm	bc.c	67	48	4.0	-	-	14.7
†Calshot (Hants) ...	bc.c	b.bc	bc.c	bc.c	72	50	*	*	*	*
†Capel (Folkestone)...	ef.c.o	c.o.ef <sub>2</sub>	ef <sub>2</sub>	o.f.e	64	51	*	*	*	*
Aberdeen ...	c.bcy	bcy.c	bc.b.o.g		65	50	4.0	-	-	8.3
†East Fortune ...	b.bcy	c.g	c.o		62	50	*	*	*	*
†Howden ...	bc.c.g	bc.c	bc.c		67	44	*	*	*	*
†Felixstowe ...	c.o.c	c.o.3	bc.c.g		71	55	*	*	*	*
†Cranwell (Lincs) ...	bc.c.b.c	bc.c.o	3		69	49	*	*	*	*
†Bedford ...	bc.c	b.bc	b.c.c.o		74	52	*	*	*	*
Benson ...	c.bc	bc	c.o.2		75	45	3.1	-	-	4.6
London (Kew Obs.) ...	o.bc	bc.b	b.bc		78	53	4.3	-	-	9.6

## BEAUFORT NOTATION.

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

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Meters per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-0.8
2	4-7	1.0-1.9
3	8-12	2.0-3.3
4	13-18	3.5-5.0
5	19-24	5.0-6.7
6	25-31	6.8-8.5
7	32-38	8.6-10.5
8	39-46	10.6-12.7
9	47-54	12.8-14.8
10	55-63	14.9-17.5
11	64-75	17.6-20.8
12	Above 75	20.9 and above

Suffixes 1 and 2 attached to Beaufort letters signify inferior, 3 = heavy. Underlining is used to express continuity.

## SYMBOLS.

☉ Solar halo  
☽ Lunar halo  
☀ Aurora  
☁ Rime  
☂ Glazed frost  
☃ Glazed roads

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.		Rain- fall. mm.	Sun- shine to Sunset.		HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				
	Morning.	Afternoon.	Night.					Hours.	15 h. G.M.T.	9 h. G.M.T.	1918.						
											19 <sup>th</sup> & 20 <sup>th</sup> JUNE.						
24 HOURS ENDED ON G.M.T. ....								YESTERDAY.		TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.		Stations.	Sunrise, G.M.T.	Noon, G.M.T.	Sunset, G.M.T.
Greenwich (Royal Observatory)	bc. c	bc. b	b. bc	79	53	4.1	-	9.0	44	56	Total.....17.67..... Joules.  Average Rate. 29.6 Maximum Rate. 88		Yarmouth...	3.31	11.54	8.17	
City (Banhill Row)	*	*	*	78	55	4.8	-	8.7	*	*				Greenwich	3.31	12.04	8.17
Westminster (St. James's Park)	*	*	*	80	56	*	-	7.9	56	71	Wick	3.44	12.1		8.28		
Admiralty Arch	c. u. z	c. bc. v	b. bc	79	54	5.0	-	9.1	38	60		Valecia	3.7	12.13	8.2		
Camden Sq. (British Rainfall)	c. bc	bc. b	*	79	53	4.6	-	9.4	43	53			3.7	12.22	8.2		
Kensington Palace	bc	b	*	79	53	4.6	-	*	*	52			4.22	12.22			
Richmond Park	*	*	*	*	*	*	*	*	*	*							

## NOTES ON THE WEATHER OF YESTERDAY.

Over Scotland and Ireland, rain fell yesterday evening or during the night; at Valencia 10 mm. fell in the night. Over England little or no rain fell and sunshine amounts were fair generally. As

much as 14.7 hours was registered at Falmouth and 13.9 hours at Scilly. Temperature rose to above 70° in South-East England.

† Air Ministry Station.

\* Information for these columns not usually received.





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

No 21,929B ..... FRIDAY, JUNE 20<sup>th</sup> ..... 1919.

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

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 19h.																														
STATIONS	BAROM.	↓	WIND.		WEATHER	TEMP.	HUMIDITY.	VISIBILITY.	HEIGHT OF LOW CLOUD.	LOW CLOUD.		UPPER CLOUD.		SEA	BAROM.	↓	WIND.		WEATHER	TEMP.	HUMIDITY.	VISIBILITY.	HEIGHT OF LOW CLOUD.	LOW CLOUD.		UPPER CLOUD.		SEA		
	at M.S.L.	Change in 3 hours.	Dir.	Force 0-12.		°F.				Feet.	Form.	Amt. 0-10.	Form.		Amt. 0-10.	at M.S.L.	Change in 3 hours.	Dir.		Force 0-12.				°F.	Feet.	Form.	Amt. 0-10.		Form.	Amt. 0-10.
	m.b.																													
13h. G.M.T. 19 <sup>th</sup>														19h. G.M.T. OF 19 <sup>th</sup>																
Houton B. (Orkney)	999.7	-3	SW	7	o	59	55	7	4-5000	St Cu	2	ci St	7	5	997.5	-3	SW	8	b <sub>1</sub>	55	65	8	5-7000	Cu	1	ci St	2	5		
Eskdalemuir	1008.5	-3	SW	6	f. f.	53	98	2	1-1000	Nb	10	-	-	*	1008.4	0	W	5	o	55	65	6	-	CuNb	2	ci St	7	*		
Stranraer	1008.8	0	SSW	4	q	60	82	8	3-4000	F. Cu	6	ci St	1	*	1009.5	+1	W	5	q	59	87	7	3-4000	Cu	5	ci	3	*		
Lough Foyle	1004.8	-1	SW	8	f. q	54	75	8	2-3000	Nb	10	-	-	5	1007.8	+2	WSW	8	c	52	82	5	2-3000	Cu	7	-	-	6		
Valencia (Cahire'n)	1014.7	+2	WSW	5	b <sub>1</sub>	57	75	8	3-4000	Cu	1	ci Cu	2	4	1015.9	+1	W	4	o	55	75	8	2-3000	Cu	4	Ast	5	4		
Anglesey (Llangefno)	1012.3	-2	SW	6	f. q	58	98	2	<500	St	10	-	-	7	1012.6	+1	SW	4	o	55	92	7	1-1000	St	7	Ast	3	5		
Falmouth	1019.5	-1	SW	7	oq	62	82	6	-	CuNb	10	-	-	*	1017.5	-2	SW	6	oqem	60	92	3	-	St	10	-	-	*		
Calshot (Hants)	1020.2	-1	SW	3	o	63	92	8	2-3000	St	10	-	-	4	1018.5	-2	SW	4	o	62	98	8	3-4000	St	6	ci Cu	3	4		
Capel (Folkestone)	1021.2	-2	SW	4	bc	60	75	8	1-1500	F. Cu	1	A. St	1	6	1019.2	-3	WSW	3	v	58	87	8	-	-	ci	6	4			
Aberdeen	1005.4	-3	S	5	cq	58	75	7	-	Cu	7	ci	1	4	1003.9	-1	SW	5	bcqy	60	40	8	-	Cu	3	ci St	3	4		
East Fortune	1006.8	-2	WSW	4	q	61	75	7	3-4000	St Cu	8	-	-	*	1006.9	+1	WSW	5	q	59	75	6	4-5000	St Cu	7	ci St	2	*		
Howden	1014.8	-3	SSW	4	o	62	65	4	2-3000	St Cu	10	-	-	*	1011.6	-3	SW	4	o	63	65	5	2-3000	St Cu	10	-	-	*		
Felixstowe	1019.1	-3	SSW	4	c	69	87	7	3-4000	Cu	5	ci St	3	4	1016.7	-1	SW	5	c	67	82	5	2-3000	St	5	ci St	3	4		
Cranwell (Lincs)	1014.3	-6	SSW	6	o	69	55	7	4-5000	St	5	A. Cu	4	*	1013.4	-1	SW	5	o	66	65	8	2-3000	St Cu	7	A. St	2	*		
Bedford	1017.9	-2	WSW	4	o	67	55	3	5-7000	St	9	-	-	*	1015.5	-2	WSW	3	o	67	65	4	5-7000	St	10	-	-	*		
Benson	1017.6	-2	SW	3	o	64	75	5	*	*	*	*	*	*	1016.3	-2	SW	4	o	65	65	8	-	Cu	8	-	-	*		
London (Kew Ob.)	1019.2	-2	SSW	4	o	69	55	8	-	St Cu	9	-	-	*	1016.7	-3	SW	4	o	68	55	8	-	St Cu	7	A. St	3	*		
1h. G.M.T. OF 20 <sup>th</sup>														7h. G.M.T. OF 20 <sup>th</sup>																
Houton B. (Orkney)	998.0	+1	SW	8	o	49	87	4	2-3000	St Cu	7	A. Cu	3	6	1002.4	+6	W	8	rq	47	98	4	1-1000	Nb	6	A. Cu	3	6		
Eskdalemuir	1010.9	+1	WSW	5	bc	46	75	6	-	St	1	A. St	5	*	1013.2	+2	WSW	4	o	47	75	6	2-3000	Cu	2	ci St	8	*		
Stranraer	1012.5	+1	W	1	b <sub>1</sub>	46	92	3	1-2000	St	3	A. St	1	*	1013.9	+3	SSW	4	b	50	82	8	3-4000	Cu	1	ci	2	*		
Lough Foyle	1017.0	0	SW	2	bc	52	*	*	*	*	*	*	*	5	1016.5	+2	WSW	6	c	50	98	7	2-3000	Cu	5	Fa. Cu	1	*		
Valencia (Cahire'n)	1017.0	0	SW	2	bc	52	*	*	*	*	*	*	*	5	1017.5	+1	W	3	c	53	65	10	-	St Cu	6	ci St	1	3		
Anglesey (Llangefno)	1014.8	+2	W	2	o	50	82	-	3-4000	St	10	-	-	4	1016.1	+2	WSW	2	o	51	82	8	1-1000	St	7	A. St	3	4		
Falmouth	1017.9	0	NW	2	o	54	92	5	-	CuNb	10	-	-	*	1017.4	0	NNW	3	rf	49	92	2	-	Nb	10	-	-	*		
Calshot (Hants)	1018.4	0	W	3	d	59	98	8	1-1000	Nb	10	-	-	5	1017.2	0	N	3	od	53	92	2	<500	Nb	10	-	-	4		
Capel (Folkestone)	1018.2	0	WSW	3	o	55	98	8	<500	St	10	-	-	4	1017.8	-1	SW	4	efz	55	98	0	-	-	-	-	-	-		
Aberdeen	1004.5	+2	SW	3	b <sub>1</sub>	48	75	7	4-5000	St	1	-	-	*	1009.3	+4	SSW	3	b	54	65	7	-	St Cu	1	-	-	3		
East Fortune	1009.8	+2	WSW	4	q	48	75	-	5-7000	St Cu	4	A. St	2	*	1011.5	+2	SW	4	bc	52	65	6	2-3000	St Cu	4	-	-	*		
Howden	1014.4	+3	SW	2	o	54	82	5	3-4000	St Cu	10	-	-	*	1015.5	+4	SW	2	o	52	87	4	1-1500	St	10	-	-	*		
Felixstowe	1016.8	0	SW	4	o	61	98	-	-	Nb	-	-	-	4	1016.2	+8	N	3	o	62	82	3	3-4000	St	10	-	-	4		
Cranwell (Lincs)	1017.9	0	W	1	o	54	98	4	1-1500	St Cu	3	-	-	*	1016.6	+4	W	1	or	53	92	6	2-3000	Nb	10	-	-	*		
Bedford	1017.9	0	W	1	o	54	98	4	1-1500	St Cu	3	-	-	*	1016.5	+2	-	0	rf	56	92	-	2-3000	St	10	-	-	*		
Benson	1017.9	0	W	1	o	54	98	4	1-1500	St Cu	3	-	-	*	1016.1	+2	W	2	rf	54	98	3	-	Nb	10	-	-	*		
London (Kew Ob.)	1016.9	0	SW	3	o	61	*	*	*	*	*	*	*	*	1016.8	+3	WSW	2	or	56	92	5	-	St Cu	5	A. St	5	*		

STATIONS CONTRIBUTING REPORTS AT 7h AND 15h.

STATIONS.	BAROM. at M.S.L.	TEMP.		WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather	Sea	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.																																
	m.b.	°F.	Direc.	Force 0-12.	at M.S.L. m.b.		Change in 3 hours.	Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.	Max. °F.					Min. °F.	Morning.	Afternoon.	Night.																																		
	15h. G.M.T. of 19 <sup>th</sup>																7h. G.M.T. of 20 <sup>th</sup>																24 HOURS ENDED 7h. 20 <sup>th</sup>																					
Lerwick	999.4	53	SSE	6	om	999.0	+2	51	0	SW	8	SW	cmg	6	1	54	47	om	omrg	cmg	*																																	
Stornoway	100	51	WSW	7	org	1006.0	+6	48	-5	W	5	-	org	4	12	56	46	cpq	org	org	4.4																																	
Castlebay (Barra Is)	1002.2	52	SW	7	oa	1009.3	+2	51	-1	W	4	-	bc	4	1	53	47	om	omp.o	op.bc	4.4																																	
Glasgow	1008.4	55	W	5	cq	1011.9	+2	47	-4	SW	4	-	o	4	1	58	45	odpc	odpoc	b.bc.cp	3.5																																	
Malin Head	1007.3	53	WSW	6	bcmgp	1010.7	+3	50	-3	WSW	5	W	bcgp	5	1	57	48	bcmg	bcmgp	bcgp	9.7																																	
Blacksod Point	1009.7	53	WSW	6	bomp	1013.5	+2	50	-3	WSW	4	-	bcp	4	1	56	46	bcm	bcmp	bcp.b	*																																	
Roche's Point	1015.1	57	W	3	o	1017.2	+1	53	-2	SSE	1	NW	b	1	2	62	50	d.o	o.c.o	o.b	*																																	
Birr Castle	1013.5	55	W	2	c	1016.3	*	48	-7	W	1	-	o	*	1	60	46	cp.c	c	c.o	4.0																																	
Donaghadee	1009.3	59	SW	5	bcmg	1013.9	+2	49	-3	SSW	3	SW	bczq	3	1	64	41	opcmg	cm.bcg	bcmg	*																																	
Liverpool (Bidston)	1012.0	55	W	3	o	1015.9	+2	52	-3	W	3	W	o	3	3	61	55	atp	op	og	0.0																																	
Holyhead	1012.3	55	SW	4	cfq	1016.0	+2	52	-3	W	3	-	cg	2	6	57	49	oorm	odf.o.c	cg	0.2																																	
Pembroke (St. Ann's Head)	1015.5	55	WSW	3	o	1018.2	+3	49	-6	-	0	-	or	1	5	56	49	o	orf	o.dr	0.0																																	
Silly (St. Mary's)	1018.0	58	WSW	4	om	1017.2	-1	50	-8	ENE	3	-	org	4	11	62	49	om	omd	omfr	0.6																																	
Jersey (St. Aubin)	1020.7	64	WNW	3	b	1018.3	-1	60	+3	SW	2	-	om	1	-	67	56	o.c.b	b	om	8.5																																	
Portland Bill	1008.8	58	WSW	4	o	1017.0	0	55	-2	NW	3	-	orf	2	2	59	53	o	o.c	f.or	*																																	
Dunghess	1018.6	59	SW	3	bc	1017.1	+1	57	+2	SW	4	-	rm	3	-	64	55	bc	bc	bc.od	*																																	
Wick	999.0	56	SW	6	bcq	1004.4	+3	51	0	WSW	4	-	cmp	3	-	61	48	a.cmg	bcq	bcq.cp	*																																	
Nairn	1001.0	56	W	7	bc	1006.4	*	51	-5	W	3	-	bcq	2	-	63	45	q.c.bc	bcq	g.bc.c	11.3																																	
Leith	1007.9	57	SW	3	c	1010.9	+2	51	-4	W	3	W	c	2	-	64	47	o.cq.c	c.bcg.c	c.bq.c	*																																	
Lynmouth	1008.6	58	W	1	cpm	1013.4	+2	52	-1	WSW	2	-	om	2	3	63	48	omgr	omg	cmp.om	*																																	
Spurn Head	1013.0	66	SW	4	c	1015.5	+1	55	-2	W	2	-	o	2	0.3	70	51	c.o	o	c.o	0.0																																	
Yarmouth (Nor. Isoton)	1014.8	70	SSW	4	c	1015.2	+2	56	-3	N	2	-	omr	2	-	74	56	bcm	bcm	bcm.c	10.2																																	
Clacton-on-Sea	1017.0	67	SSW	4	bc	1016.1	0	62	+2	SW	3	W	og	2	-	72	59	bc.c3	c3.bc	c.oq	8.7																																	
Nottingham	1013.3	65	SW	4	o	1016.4	*	52	-4	WSW	1	W	orm	1	1	69	52	c.o	c.o	op.	0.6																																	

+ Air M.



# SUMMARY OF CONDITIONS AT 7 A.M. Friday, 20th June, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	SW-W. 5-15	Moderate	Dull, rainy, local mist.	Var.	Slight
2. E. England	SW-N. 2-10	"	Dull, local rain and mist.	"	"
3. E. Midlands	SW-W. 2-5	"	Dull, rainy, local mist.	Ord.	-
4. W. Midlands	W-NW. 2-10	"	Dull, local rain.	"	-
5. S.W. England	NW-NE. 2-10	Rather cool	Dull, rainy, local mist.	Poor	Smooth
6. South Wales	Calm	"	Dull, local rain.	-	"
7. North Wales	SW-W. 5-10	Moderate	Cloudy or dull.	V. good	Slight
8. N.W. England	SW-W. 10-15	"	Dull.	-	"
9. N. Midlands	SW-W. 2-10	"	Dull, local rain.	Ord.	-
10. N.E. England	SW-W. 5	"	Dull, local mist.	"	Smooth
11. E. Scotland	SW-W. 5-15	"	Fine to cloudy, local squalls.	Good	"
12. S.W. Scotland	SSW-WSW. 15	Rather cool	Fair to dull, local drizzle.	"	Slight
13. Isle of Man	SW-W. 5-10	Moderate	Fair to dull.	"	"
14. N. & N.W. Scotland	W. 10-15	"	Fair to dull, local showers.	-	"
15. Hebrides	W. 15-21	"	Fair to dull, local rain.	-	Moderate
16. Orkneys and Shetlands	SW-W. 40-45	"	Cloudy, squally, local rain.	Ord.	Rough
17. N.W. Ireland	WSW. 15	Rather cool	Fair, showery.	V. good	Moderate
18. N.E. Ireland	SSW-WSW. 10-20	Mod.	Fair or cloudy, local showers.	"	"
19. S.E. Ireland	SW-W. 2-5	Rather cool	Dull.	Good	Smooth
20. S.W. Ireland	S-W. 2-10	Moderate	Fine to cloudy.	Ex. good	Slight

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

A depression centred to the north of Scotland is moving north-east or north. Small secondary depressions are moving across the south of England. Strong Westerly winds moderating slowly with showery weather, improving, are therefore expected in the north of Scotland and light variable winds with rain over the south of England.

**EXPLANATION**  
 BAROMETER.—Isobars are intervals of five millibars.  
 WIND.—Direction is shown by the flying with the wind. Force is indicated by the number of feathers. Mean velocity in miles per hour by figures in small circles.  
 TEMPERATURE.—sky i. cloudy; clear sky.  
 WEATHER SYMBOLS.—sky i. cloudy; overcast sky.  
 \* snow. ▲ hail. ☼ sun.  
 T thunder. X thunderstorm.  
 SEA DISTURBANCE.—Rough.

## Further Outlook

Districts.	Forecasts for the 24 hours commencing 3 p.m. Friday, 20th June, 1919
1. S.E. England	Light variable breezes. Dull, with rain at times. Some mist and coast fog. Cool.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Moderate SWly. or Wly. breezes. Cloudy, some showers. Cool.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	Strong to high Wly. winds, moderating slowly, squally, showery. Cool.
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	Light Wly. or variable breezes. Fair to cloudy, some showers. Cool.
20. S.W. Ireland	

Conditions too uncertain to issue a forecast beyond the period.

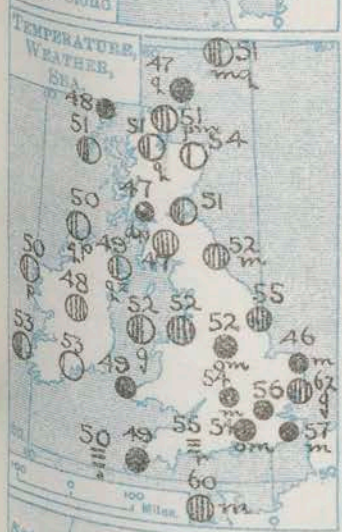


# SYNOPTIC CHART FOR MORNING OF FRIDAY, 20<sup>TH</sup> JUNE 1919.

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

LOW

HIGH



Scale of Surface Visibility.

Number	Description	Objects not visible beyond	metres	(yards)
1	Very Bad	"	200	(220)
2	Bad	"	500	(545)
3	Very Poor	"	1,000	(1,094)
4	Poor	"	2,000	(2,187)
5	Indist.	"	4,000	(4,374)
6	Fair	"	7,000	(7,640)
7	Good, above ord.	"	12,000	(13,120)
8	Good, unusual	"	20,000	(21,870)
9	Excep. good	"	30,000	(32,808)
10	Objects visible beyond	30,000 metres, (32.8 miles)		



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 171 B

Friday  
June 20<sup>th</sup>

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h. 19 <sup>th</sup> .	Day. 9h-17h. 20 <sup>th</sup> .	to 17h. 20 <sup>th</sup> .	Sunrise to Sunset. 19 <sup>th</sup> .		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h. 19 <sup>th</sup> .	Day. 9h-17h. 20 <sup>th</sup> .	to 17h. 20 <sup>th</sup> .	Sunrise to Sunset. 19 <sup>th</sup> .
Scotland.									England, N.W.								
Banff ...	c. bc	cq	64	46	-	-	1.8	7.3	Southport ...	c. c. o	or	59	55	-	8	0.1	12.0
Montrose ...	*	*	61	50	-	-	2.2	9.6	Blackpool ...	*	*	59	49	-	1	0.0	12.0
St. Andrews ...	*	*	63	47	1	-	3.4	9.1	Douglas (I. of Man) ...	*	*	59	51	7	5	1.2	12.0
Oban ...	c. b.	bc	56	50	10	1	6.7	9.8									
England, N.E.									Midlands.								
Harrogate ...	o	o	61	46	-	-	0.0	12.8	Buxton ...	b. bc	bc	58	45	-	-	0.9	12.2
Skegness ...									Leamington Spa ...	c	c. b	70	50	-	-	3.6	9.6
									Malvern ...								
									Ross-on-Wye ...	c	c	68	47	-	-	1.7	12.6
England, E.									Wales.								
Felixstowe ...	bc	bc	74	58	-	-	8.0	7.4	Rhyl ...	c	c. r	61	50	-	0.1	0.0	11.1
Walton-on-Naze ...									Colwyn Bay ...	*	*	60	54	-	2	0.1	10.9
Southend-on-Sea ...	bc	bc	75	57	-	-	7.3	5.2	Llandudno ...	c.	cp	63	51	-	2	0.1	10.5
									Aberystwyth ...	c. c. o	c. o	60	57	-	-	0.0	12.0
England, S.E.									England, S.W.								
Brighton ...	*	*	62	50	-	-	4.8	5.8	Paignton ...	*	*	65	46	-	-	1.2	12.5
Folkestone ...	*	*	66	52	-	-	7.0	3.7	Ilfracombe ...	bc. c. o	o	65	51	-	-	2.7	13.2
Margate ...	b	b. bc	74	53	-	-	9.4	6.7	Weymouth ...	o. bc	bc. c	67	47	-	-	4.0	11.0
Ramsgate ...	*	bc	69	51	-	-	9.1	6.9	Torquay ...	c. bc. c. o	o	64	50	-	-	2.1	11.1
Hastings ...	o. bc. b	b	65	53	-	-	8.1	7.0	Penzance ...	c. o	o	63	51	-	-	1.2	14.0
Eastbourne ...	bc	bc	66	53	-	-	8.4	9.4	Newquay ...	c	o	64	44	-	-	1.8	14.2
Worthing ...	b. bc	bc	65	49	-	-	7.2	8.6	Weston-s-Mare ...	c. bc. c	c	68	48	-	-	4.2	?
Littlehampton ...	b	bc. b	64	49	-	-	6.9	7.0	Bude ...	b. bc. c. o	o	63	44	-	-	2.1	12.8
Bournemouth ...	*	*	66	44	-	-	3.2	10.3									

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours.
	7h-18h. 19 <sup>th</sup> .	18h-18h. 19 <sup>th</sup> .	18h-18h. 20 <sup>th</sup> .	1h-7h. 20 <sup>th</sup> .				Day. 7h-18h.	Night. 18h-7h.	
† Houton Bay (Orkney) ...	r. c. o	c. o. bc. c	oq	oq	69	45	*	*	*	*
Eskdalemuir ...	orm	orm. o	bc	bc. c. o	55	42	39	14	-	0.1
† Stranraer ...	bc. cq	q. c. o	c. o	b. bc	62	45	*	*	*	*
† Lough Foyle ...	c. o	bc. c. o	c. o	opq	56	45	*	*	*	*
Valencia (Cahirelveen) ...	c. c. b	b. bc. o	c. c. o. c	o. c. o. c	58	50	47	-	-	2.9
† Anglesey (Llangefni) ...	r. om	or	o	oq.	60	46	*	*	*	*
Falmouth ...	cq	oqm	od	orm	63	49	47	-	8	2.3
† Calshot (Hants) ...	c. o	c. oq	r. f. z	b. or	72	50	*	*	*	*
† Capel (Folkestone) ...	bc. c. z	b. bc. v	p. d. v	opd.	64	51	*	*	*	*
Aberdeen ...	oq. cu	bcqy	bc. h	bc. h	66	47	39	-	-	5.3
† East Fortune ...	qv	q. c. o	q. bc. c	bc. cq	65	48	*	*	*	*
† Howden ...	c. or	oq	c. op	op	66	44	*	*	*	*
† Felixstowe ...	bc. c. o	bc. c. z	c. oq	c. o. c	70	58	*	*	*	*
† Cranwell (Lines) ...	c. o	c. o. c	c. r.	o. om	72	51	*	*	*	*
† Bedford ...	q	c. oq	c. r.	omr	74	50	*	*	*	*
Benson ...	c. o	c	or	or	69	54	49	-	2	*
London (Kew Obsy.) ...	bc. o	o. c. o. v	o. or. o. or	o. or. o. or	72	55	53	-	4	7.4

## BEAUFORT NOTATION.

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

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.3
2	4-7	1.3-3.3
3	8-12	3.3-5.4
4	13-18	5.4-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-32.5
12	Above 75	32.6 or above

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

## SYMBOLS—

Aurora ☆ Solar halo ⊙  
Rime ▼ Lunar halo ⊙  
Glazed frost ∞ Solar corona ⊙  
Glazed roads (R) Lunar corona ⊙

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %	
	Morning.	Afternoon.	Night.						15 h. G.M.T.	9 h. G.M.T.
24 HOURS ENDED 9H G.M.T. ... 20 <sup>th</sup> .								YESTERDAY.		TO-DAY.
Greenwich (Royal Observatory)	bc. c	c. o	c. or	76	55	55	6	8.5	53	92
City (Bunhill Row) ... ..	*	*	*	*	*	*	2	6.7	*	*
Westminster (St. James's Park)	*	*	*	71	56	54	6	8.1	78	96
.. (Admiralty Arch)	bc. cu	bc. cp	o. bc. omr	71	56	*	7	7.8	64	100
Camden Sq. (British Rainfall)	b. bc	bc. c	*	74	57	57	6	6.9	54	90
Kensington Palace ... ..	bc. o	o	*	70	54	54	8	*	*	90
Richmond Park .. ...	*	*	*	*	*	*	*	*	*	*

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Total ... 1898 Joules.
Average Rate.	31.8 Milli-watts.
Maximum Rate.	86

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

June 20 <sup>th</sup> & 21 <sup>st</sup> 1919.			
Stations.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth ...	3.31	11.54	8.17
Greenwich ...	3.44	12.1	8.13
Wick ...	3.7	12.13	8.2
Valencia ...	4.22	12.42	8.2

## NOTES ON THE WEATHER OF YESTERDAY.

The day was dull or cloudy over almost the whole country and temperature reached 70°F. in the east of England only. Misty, squally, showery weather was prevalent over Scotland and Ireland. The maximum rainfall was 14 mm. at Eskdalemuir. In the east and south-east of England rain did not fall before night. In the same

some districts sunshine records were fair. At Yarmouth 10.2 hours of sunshine were recorded. Over the rest of England little or no sunshine was recorded.

† Air Ministry Station.

\* Information for these columns not usually received.



RDAY  
21<sup>ST</sup>



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

No. 21,930B SATURDAY, JUNE 21<sup>ST</sup> 1919.

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

STATIONS.	BAROM.	†	WIND.		TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea	BAROM.	†	WIND.		TEMP.	Humidity.	Visibility.	Height of Low Cloud.	Low Cloud.	Upper Cloud.	Sea						
	at M.S.L.	Change in 3 hours.	Dirac.	Force 0-12.	°F.	% Humidity.	0-10.	Feet.	Form.	Am't. 0-10.	Form.	at M.S.L.	Change in 3 hours.	Dirac.	Force 0-12.	°F.	% Humidity.	0-10.	Feet.	Form.	Am't. 0-10.	Form.						
	m.b.										0-9.	m.b.										0-9.						
18H. G.M.T. OF 20 <sup>TH</sup>												18H. G.M.T. OF 20 <sup>TH</sup>																
Houton B. (Orkney)	1003.0	+4	W	7	C	52	82	5	3-4000	Cu	4	Cst	3	5	1010.5	+3	WNW	6	b	51	82	5	3-4000	St Cu	1	A St	1	4
Eskdalemuir	1014.3	+1	SSW	4	op	52	65	8	5-7000	Cu Nb	8	F.C.	1	*	1015.0	+1	SW	3	or	49	87	6	-	Nb	9	A St	1	*
Stranraer	1014.3	+1	W	2	v	58	65	8	4-5000	Cu	4	c	2	*	1014.2	-2	SSW	3	r	52	87	7	1-1500	Nb	10	-	-	*
Lough Foyle	1014.3	0	W	5	bc	53	75	6	3-4000	Cu	5	-	-	4	1013.8	-1	WSW	4	o	51	82	5	3-4000	Cu	3	-	-	4
Valencia (Cahire'n)	1018.5	+2	WSW	3	o	54	65	10	3-4000	Cu	7	A St	2	4	1018.8	0	W	4	b	55	75	10	2-3000	Cu	3	-	-	4
Anglesey (Llangefn)	1016.7	-1	WSW	2	c	58	55	8	3-4000	F. Cu	4	C St	4	3	1016.1	-1	WSW	3	o	53	75	8	3-1000	St Cu	7	A St	3	3
Falmouth	1016.2	0	NE	3	adm	55	92	4	-	Nb	10	-	-	*	1017.8	+2	NNW	4	h v	57	55	8	-	-	F.C.	1	*	
Calshot (Hants)	1016.7	-1	-	0	d <sub>0</sub>	55	92	4	< 500	Nb	10	-	-	3	1015.3	-2	NNE	2	r	55	98	5	1-1000	Nb	10	-	-	3
Capel (Folkestone)	1017.8	-1	SW	3	r <sub>2</sub>	55	98	0	< 500	St	10	-	-	-	1016.5	-3	SSW	2	F <sub>0</sub> f <sub>2</sub>	55	98	0	-	St	10	-	-	2
Aberdeen	1009.9	+1	WNW	3	bc v	64	< 40	8	-	Cu	5	-	-	2	1011.5	0	WNW	1	c	60	45	8	-	Cu	8	-	-	2
East Fortune	1013.2	+2	WNW	3	bc	59	55	6	4-5000	Cu	4	C	1	*	1013.1	-1	WNW	2	c	60	55	6	5-7000	Cu	6	C	1	*
Howden	1015.9	0	WSW	1	o	59	65	4	3-4000	St	4	A Cu	3	*	1016.7	-1	E	3	7 f	53	98	3	-	Nb	10	-	-	3
Felixstowe	1018.0	0	-	0	r <sub>0</sub>	55	98	4	-	Nb	10	-	-	3	1018.7	-1	SE	3	c	56	87	7	4-5000	St	5	A St	3	*
Cranwell (Lines)	1016.4	0	W	2	o	57	75	5	3-4000	St	6	A St	3	*	1016.2	-1	-	0	r <sub>0</sub>	55	92	0	15-2000	St	10	-	-	*
Bedford	1017.3	0	E	1	om	54	92	4	3-4000	St	10	-	-	*	1016.2	-1	-	0	r <sub>0</sub>	54	98	4	-	Nb	10	-	-	*
Benson	1016.2	0	-	0	r <sub>1</sub>	53	92	3	-	*	*	*	*	*	1015.5	-1	-	0	r <sub>1</sub>	54	98	4	-	Nb	10	-	-	*
London (Kew Obs.)	1017.3	0	-	0	or	56	82	5	-	St Cu	6	A St	4	6	1015.6	-3	N	1	r <sub>1</sub> f <sub>1</sub>	55	92	3	-	St	10	-	-	*
1H. G.M.T. OF 21 <sup>ST</sup>												7H. G.M.T. OF 21 <sup>ST</sup>																
Houton B. (Orkney)	1013.4	+2	WSW	4	b	45	98	6	4-5000	Cu	2	-	-	-	1015.6	+2	W	4	bc	49	92	6	3-4000	Cu	5	-	-	3
Eskdalemuir	1014.1	-1	-	0	o	45	92	6	-	St	10	-	-	*	1016.6	+4	NNW	3	o	47	92	7	-	Cu	8	a Cu	1	*
Stranraer	1014.4	0	W	1	bc	46	98	5	15-2000	Nb	3	C	1	*	1018.1	+6	NW	2	c	50	62	8	2-3000	Cu	7	a Cu	1	*
Lough Foyle	1022.6	+5	WNW	5	bc	52	*	*	*	*	*	*	*	*	1020.6	+6	NNW	5	bc	50	82	6	3-4000	Cu	5	-	-	*
Valencia (Cahire'n)	1022.6	+5	WNW	5	bc	52	*	*	*	*	*	*	*	*	1020.6	+5	NNW	3	c	52	75	0	3-4000	Cu	3	-	-	3
Anglesey (Llangefn)	1016.1	+1	W	3	b	48	87	-	3-4000	St Cu	3	-	-	4	1018.9	+4	WNW	4	c	50	82	8	2-3000	St	8	-	-	5
Falmouth	1021.3	+1	W	4	b	50	82	5	-	-	-	-	-	*	1023.6	+5	NW	4	b	55	75	7	-	Cu	3	-	-	*
Calshot (Hants)	1018.0	+1	NW	3	o	54	92	8	1-1000	Nb	10	-	-	4	1021.2	+2	NW	2	b	56	87	8	3-4000	St Cu	4	-	-	4
Capel (Folkestone)	1015.0	0	N	4	d <sub>0</sub>	54	98	6	-	Nb	8	-	-	4	1019.6	+4	NW	4	c	53	82	5	5-7000	St Cu	5	a Cu	1	3
Aberdeen	1012.6	+1	-	0	bc	48	87	6	3-1000	St Cu	6	-	-	*	1015.6	+4	NW	3	b	52	82	5	-	St Cu	2	-	-	2
East Fortune	1013.8	-1	WNW	2	r <sub>3</sub>	49	82	7	15-2000	Nb	10	-	-	*	1015.6	+3	NW	1	o	49	92	5	4-5000	St Cu	7	a Cu	2	*
Howden	1015.2	0	N	2	o	53	98	-	-	-	-	-	-	4	1016.1	+1	WSW	2	c	52	82	4	15-2000	St Cu	8	-	-	*
Felixstowe	1015.2	0	N	2	o	53	98	-	-	-	-	-	-	4	1017.4	+1	NW	2	c	55	87	5	2-3000	St Cu	6	-	-	3
Cranwell (Lines)	1015.1	-1	WNW	7	o	51	92	4	15-2000	Cu Nb	?	A Cu	?	*	1017.5	+4	W	2	c	53	82	6	3-4000	St	6	a St	3	*
Bedford	1015.1	-1	WNW	7	o	51	92	4	15-2000	Cu Nb	?	A Cu	?	*	1018.4	+3	W	1	bc	54	75	-	5-7000	St Cu	5	-	-	*
Benson	1015.1	-1	WNW	7	o	51	92	4	15-2000	Cu Nb	?	A Cu	?	*	1018.4	+3	W	1	bc	54	75	-	5-7000	St Cu	5	-	-	*
London	1015.1	-1	WNW	7	o	51	92	4	15-2000	Cu Nb	?	A Cu	?	*	1018.9	+4	WNW	3	b	53	92	5	-	-	a St	1	*	
London (Kew Obs.)	1016.2	0	NW	2	b	54	*	*	*	*	*	*	*	*	1019.7	+3	W	3	b	54	75	7	-	St Cu	1	-	-	*

STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.

STATIONS.	BAROM. at M.S.L. m. b.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.
			Direc.	Force 0-12.		M. S. L. m. b.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Direc.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	
18h. G.M.T. of 20 <sup>th</sup>						7h. G.M.T. of 21 <sup>st</sup>						24 HOURS ENDED 7h. 21 <sup>st</sup>						20 <sup>th</sup>			
Lerwick	1009.0	53	WSW	6	bcmq	1013.8	+3	52	+1	SSW	3	W	bcm	2	-	55	47	cmq	bcmq	bcm	*
Stornoway	1010.5	52	W	5	bq	1017.3	+4	52	+4	W	3	-	bc	2	1	56	42	bq	bq	c. bc	8.3
Castlebay (Barrals)	1011.8	52	WSW	3	c	1019.3	+6	51	0	WNW	3	W	b	3	1	54	48	bc	bcp. c	c. op. o. b	11.1
Glasgow	1013.5	55	WSW	3	c	1017.0	+5	47	0	W	2	H	c	*	5	53	54	a. bc. cp	b. c	c. op. o. c	9.5
Main Head	1011.5	52	WSW	3	cq	1019.2	+8	50	0	H	5	H	bcp	5	3	57	47	bcp	cq	bcp	8.7
Blackod Point	1013.6	49	WSW	4	crpq	1022.6	+6	51	+1	NNW	3	NNW	bcp	4	3	55	48	bcp	crpq	bcp	*
Roche's Point	1017.9	57	WNW	3	c	1024.5	+4	52	-1	NW	4	-	b	3	-	61	48	b. bc. c. o	o	o. b	*
Birr Castle	1016.6	50	W	1	c	1024.0	8	55	+7	NW	1	W	c	*	3	56	43	cp.	cp.	c. p. c	1.9
Donaghadee	1014.3	49	NNW	2	omr	1017.8	+5	49	0	NW	5	NW	bcz	4	6	62	46	bcp	ocp	c. z. o. g. d	*
Liverpool (Bidston)	1015.4	57	NW	1	bc	1017.5	+3	49	-3	W	6	W	o	5	1	59	45	a. bc	bc	bc. op.	5.5
Holyhead	1015.7	54	SW	3	cq	1019.0	+3	50	-2	W	5	NW	bc	4	0.1	60	48	cg. bc. c	cv	cp. c. bc	5.1
Pembroke (St. Ann's Head)	1017.9	54	W	2	bv	1022.4	+4	57	+8	NW	4	NW	bc	4	0.3	57	49	ov	ov. cv	bv. bv.	4.7
Scilly (St. Mary's)	1019.3	57	NNW	4	bc	1024.5	+3	53	+3	NW	5	NW	bcp	4	6	58	50	ofn. c	c. bc	bcp.	5.0
Jersey (St. Aubin)	1016.4	62	SW	2	r	1023.7	+2	57	-3	WNW	3	-	b	3	3	64	51	omd. o	odp	op. o. b	0.0
Portland Bill	1015.3	54	ESE	4	o	1020.8	+2	55	0	WNW	4	NW	bc	9	9	58	51	or	r. op	bc	*
Dungeness	1015.9	57	SW	3	c	1018.4	+2	57	0	W	3	W	b	3	8	58	51	df. or	o. p. bc	cr. o. c	*
Wick	1010.9	57	ESE	1	bc	1015.8	+4	51	0	WNW	1	-	bc	1	2	60	42	cmp	c. bc	cm. bg	*
Nairn	1011.1	57	W	2	bc	1016.7	8	51	0	-	0	-	bc	0	1	62	44	p. bc	bc	v. bc	11.5
Leith	1012.7	58	W	2	c	1016.0	+1	49	-2	NW	1	NW	c	2	1	60	46	cg. bc. c	c. bc. c.	c. op. o. c	*
Tynemouth	1013.8	58	SSE	3	bcm	1015.0	+2	50	-2	WNW	3	-	c	2	-	67	45	om.	bcm	cm	*
Spurn Head	1015.5	59	S	3	c	1015.5	0	51	-4	WNW	3	-	c	3	2	63	49	bcm	c	o. op.	1.4
Yarmouth (Gorleston)	1016.3	54	SE	3	o	1015.6	+3	53	-3	NW	3	-	bcm	2	13	56	50	omr	omr	omr	0.0
Clacton-on-Sea	1016.4	55	ESE	3	r	1017.7	+3	53	-9	WNW	3	W	bc	2	18	62	51	ogr	ogr	ogr. bc	0.0
Nottingham	1015.6	68	SW	1	o	1017.9	8	53	+1	WNW	4	NW	c	*	2	63	48	r. o	o	o	0.4



# SUMMARY OF CONDITIONS AT 7 A.M. Saturday, 21st June, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	W-NW. 10	Moderate	Mainly fine	Good	Slight
2. E. England	W-NW. 5-10	"	Fair to cloudy, local mist.	Ord.	Smooth
3. E. Midlands	WNW. 10-15	"	Fine to cloudy.	"	"
4. W. Midlands	W-NW. 10-15	"	Variable sky.	"	"
5. S.W. England	NW. 10-20	"	Variable sky, showers at Scilly.	V. good	Slight.
6. South Wales	NW. 15	Rather warm	Fine.	"	Moderate
7. North Wales	W-NW. 20-25	Rather cool	Fine to cloudy.	"	"
8. N.W. England	W-NW. 15-28	"	Cloudy or dull.	-	Rather rough
9. N. Midlands	W-NW. 10-15	Moderate	Cloudy or dull.	Ord.	"
10. N.E. England	WSW-WNW. 10	Rather cool	Cloudy, showers at Spurn Head.	"	Smooth
11. E. Scotland	NW. 0-10	"	Variable sky.	Good	"
12. S.W. Scotland	W-NW. 5-10	"	Cloudy or dull.	V. good	Mod.
13. Isle of Man	W-NW. 15-28	"	Fair to dull.	"	"
14. N. & N.W. Scotland	W-NW. 0-5	Moderate	Fair generally.	-	Smooth
15. Hebrides	W. 10	"	Fair or fine	-	"
16. Orkneys and Shetlands	SSW-W. 10-20	"	Fair, local mist.	Good	Slight
17. N.W. Ireland	NW-N. 10-15	Rather cool	Fair, local showers	V. good	Mod.
18. N.E. Ireland	NW-N. 20	"	Fair, local squalls.	Good	"
19. S.E. Ireland	NW. 5-15	Moderate	Fine to cloudy.	V. good	"
20. S.W. Ireland	NW. 10-15	Rather cool	Fine to cloudy.	"	Slight

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

The barometer is rising over the British Isles as an anticyclone spreads from the neighbourhood of the Azores. A general N-Westerly current and fair but showery weather are anticipated.

**EXPLANATION.**  
 BAROMETER.—Isobars are shown at intervals of five millibars.  
 WIND.—Direction is shown by arrow flying with the wind. Force on the Beaufort scale is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in degrees.  
 TEMPERATURE.—Isotherms are shown at intervals of five degrees.  
 WEATHER SYMBOLS.—  
 ☉ clear sky. ☁ sky & clouds. ☁☁ overcast sky. \* snow. △ hail. T thunder. R rain. B thunder & rain. S fog. H high sea. L low sea.  
 SEA DISTURBANCE.—  
 Rough. High sea.

## Districts. Forecasts for the 24 hours commencing 3 p.m. Saturday, 21st June, 1919

1. S.E. England	
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	Moderate North-Westerly breezes, fresh locally.
8. N.W. England	
9. N. Midlands	Fair generally, but some showers, finer tomorrow.
10. N.E. England	
11. E. Scotland	Good visibility. Cool.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Moderate NWly. breezes backing to West or South-West
18. N.E. Ireland	later. Fair generally, but some showers.
19. S.E. Ireland	
20. S.W. Ireland	Rather cool.

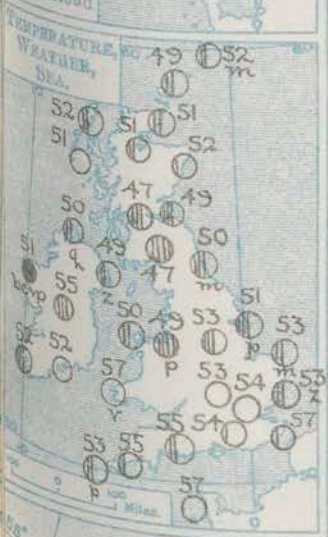
Conditions too uncertain to extend the forecast beyond the normal period.



-1919-

Scale = 1:10,000,000

Nautical Miles  
Statute Miles



15

Scale of Surface Visibility.

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 172 B

Saturday  
June 21<sup>st</sup>

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 20<sup>th</sup> JUNE.

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, Banff ...	bc	bc	55	46	-	-	10.9	3.0	England, N.W., Southport ...	o.c.bc.b	b.bc	58	55	0.3	-	8.0	0.1
Montrose ...	*	*	60	43	-	-	7.2	3.8	Blackpool ...	*	*	61	52	-	-	8.5	0.2
St. Andrews ...	*	*	63	46	-	-	11.1	5.8	Douglas (I. of Man) ...	*	*	59	47	-	-	8.2	-
Oban ...	b.bcp	bc	54	48	2	1	7.3	7.4	Buxton ...	p.c.b	bc	58	47	6	-	1.8	0.3
England, N.E., Harrogate ...	o.bc	bc.b	63	46	1	-	5.6	0.0	Leamington Spa ...	o.d.c.b	c.b.o	61	52	2	0.1	0.3	1.8
Skewess ...	ono	o	56	52	5	1	0.0	?	Malvern ...	c	c	59	50	4	0.1	0.0	1.9
England, E., Felixstowe ...	or	or	64	53	4	5	0.0	8.2	Ross-on-Wye ...	c.n.c	c.bc	60	51	4	-	0.2	-
Walton-on-Naze ...	c.or	orm	57	54	3	11	0.0	7.5	Wales, Rhyl ...	c.bc	bc	58	51	0.2	-	1.0	0.0
Southend-on-Sea ...	c.or	orm	57	54	3	11	0.0	7.5	Colwyn Bay ...	*	*	59	50	-	-	5.8	0.1
England, S.E., Brighton ...	*	*	58	56	2	3	0.0	5.4	Llandudno ...	o	bc	60	51	0.3	-	7.5	0.0
Folkestone ...	*	*	57	55	-	5	0.0	7.0	Aberystwyth ...	p.o.c	b.bc	58	54	-	3	6.0	0.0
Margate ...	r	r	62	57	-	5	0.0	9.4	England, S.W., Bournemouth ...	*	*	56	53	2	1	1.6	2.1
Ramsgate ...	*	o	64	53	-	4	0.0	9.3	Bournemouth ...	*	*	56	53	2	1	1.6	2.1
Hastings ...	f.m	or	59	56	1	2	0.0	8.1	Bournemouth ...	*	*	56	53	2	1	1.6	2.1
Eastbourne ...	or	or	59	55	0.3	3	0.0	8.9	Bournemouth ...	*	*	56	53	2	1	1.6	2.1
Worthing ...	d	d	58	55	2	3	0.0	7.2	Bournemouth ...	*	*	56	53	2	1	1.6	2.1
Littlehampton ...	d	o	60	53	2	3	0.0	6.7	Bournemouth ...	*	*	56	53	2	1	1.6	2.1
Bournemouth ...	*	*	56	53	4	11	0.0	3.7	Bournemouth ...	*	*	56	53	2	1	1.6	2.1

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.		Sun. Hours.
	7h-12h <sup>20</sup> <sup>5</sup>	12h-18h <sup>20</sup> <sup>5</sup>	18h <sup>20</sup> <sup>5</sup> -1h <sup>20</sup> <sup>5</sup>	1h-7h <sup>20</sup> <sup>5</sup>				Day, 7h-18h	Night, 18h-7h	
†Houton Bay (Orkney)...	p.g	bc.cq	b.bc	b.bc	59	45	*	*	*	*
Esksdalemuir ... ..	c.b.cq <sub>o</sub>	cyo.op	op.o.op <sub>o</sub>	o	59	43	42	2	4	5.0
†Stranraer ... ..	b.bc	c.ov	cp <sub>1</sub>	bc.c	60	45	*	*	*	*
†Lough Foyle ... ..	bc.c	p.c.o		bc.cq	58	45	*	*	*	*
Valencia (Cahirciveen) ...	c.o	op.c.b	bc.p	cp	58	50	46	-	1	6.6
†Anglesey (Llangefni) ...	bc.c	bc.c	c.o.bc.c	c.oq	60	47	*	*	*	*
Falmouth ... ..	p.fed	o.bcy	b	b.bc	58	48	40	5	-	4.6
†Calshot (Hants) ... ..	d <sub>1</sub> em <sub>1</sub>	or <sub>1</sub>	cp <sub>o</sub>	b.o	62	49	*	*	*	*
†Capel (Folkestone)... ..	ef <sub>2</sub> d <sub>2</sub>	ef <sub>2</sub> r <sub>1</sub>	d <sub>o</sub> r <sub>1</sub>	b.o.p <sub>o</sub>	59	46	*	*	*	*
Aberdeen ... ..	b.bcy <sub>4</sub>	bcyc	op.c.b		65	47	39	-	1	11.1
†East Fortune ... ..	b.bc	b.bc	o	o.T <sub>o</sub>	65	47	*	*	*	*
†Howden ... ..	o			c.o.r <sub>1</sub>	63	45	*	*	*	*
†Felixstowe ... ..	d <sub>1</sub> z <sub>1</sub>	r <sub>1</sub> z <sub>2</sub>	or <sub>1</sub>	q.c.o	73	53	*	*	*	*
†Cranwell (Lincs) ... ..	r <sub>1</sub> o	o.c.o	o.Om <sub>o</sub>	c.o.c.o	63	45	*	*	*	*
†Bedford ... ..	om.p <sub>o</sub>	z <sub>1</sub> r <sub>o</sub>		b	67	47	*	*	*	*
Benson ... ..	r	r	r.b		55	46	34	9	1	1.1
London (Kew Obsy.) ...	or.o.or	or.orm	orm	om.bc.b	57	51	45	19	3	0.0

## BEAUFORT NOTATION.

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

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-8	0.3-2.2
2	9-16	2.3-4.4
3	17-24	4.5-6.7
4	25-31	6.8-8.6
5	32-38	8.7-10.7
6	39-46	10.8-12.8
7	47-54	12.9-14.7
8	55-63	14.8-17.4
9	64-75	17.5-20.8
10	76-87	20.9-24.3
11	88-101	24.4-28.8
12	Above 102	28.9 or above

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

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

## LONDON OBSERVATIONS.

	24 HOURS ENDED 9H G.M.T. ....							YESTERDAY.		To-D
Greenwich (Royal Observatory)	or.	orm.	osl.o.	60	50	45	23	0.0	98	60
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	0.0	*	*
Westminster (St. James's Park)	*	*	*	59	51	47	21	0.0	100	76
.. (Admiralty Arch)	ogm.r.	omr.	od.om	59	52	*	2.0	0.0	86	57
Camden Sq. (British Rainfall)	or	or.	*	61	49	48	19	0.0	99	59
Kensington Palace ... ..	or.	or	*	56	50	46	21	*	*	67
Richmond Park .. ...	*	*	*	*	*	*	*	0.0	*	*

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	HUMIDITY %	
	15 h. G.M.T.	9 h. G.M.T.
Total ...	98	60
Average Rate.	5.0	
Maximum Rate.	14	

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

Stations.	Sunrise.		Noon.	Sunset.
	G.M.T.	G.M.T.		
Yarmouth...	3.31	11.54	8.17	8.17
Greenwich	3.44	12.1	8.8	8.8
Wick	3.7	12.13	9.25	9.25
Valencia ...	4.23	12.43	9.3	9.3

## NOTES ON THE WEATHER OF YESTERDAY.

The day was brightest in the north of Scotland where 11 hours of sunshine were recorded. In the south and south-east of England the day was rainy or showery. The largest amounts of rain were measured in the London district; 23 mm. was registered at Greenwich

and 19 mm. at Kew. The temperature was moderate or below normal.

† Air Ministry Station.

\* Information for these columns not usually received.





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

No. 21,031 B SUNDAY, 22<sup>nd</sup> JUNE, 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1st, 7th, 13th AND 19th.																												
STATIONS.	BAROM.	Change in 3 hours.	WIND.		Weather.	TEMP.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.	BAROM.	Change in 3 hours.	WIND.		Weather.	TEMP.	Humidity. %	Visibility. 0-10.	Height of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		Sea.
	at M.S.L. m.b.		Dir.	Force 0-12.		°F.				Form.	Am't. 0-10.	Form.	Am't. 0-10.		0-9.		at M.S.L. m.b.	Dir.		Force 0-12.				°F.	Form.	Am't. 0-10.	Form.	
	13th G.M.T. 21 <sup>st</sup>														18th G.M.T. OF 21 <sup>st</sup>													
Houton B. (Orkney)	1019.7	+4	WNW	5	bc	54	82	6	3-4000	Cu	4	-	-	3	1021.3	+2	WNW	5	bc	51	87	5	2-3000	Cu	4	Cc	1	3
Eskdalemuir	1021.2	+4	NW	2	c	55	65	6	5-7000	Cu.Nb	8	-	-	*	1024.5	+4	WNW	5	bc	55	65	10	-	Cu	2	Cc	2	*
Stranraer	1024.1	+6	NW	5	bcv	56	75	8	2-4000	Cu	3	A.Cu	1	*	1026.9	+4	NNW	4	bcv	55	75	8	3-4000	Cu	2	Cc	1	*
Lough Foyle	1025.8	+5	WNW	5	bc	54	-	-	2-3000	Cu	5	-	-	4	1029.9	0	SW	2	b	58	65	10	3-4000	Cu	1	Cc	1	3
Valencia (Cahire'n)	1029.7	+2	W	4	b	56	65	10	3-4000	Cu	2	A.Cu	1	4	1029.9	0	SW	2	b	58	65	10	3-4000	Cu	1	Cc	1	3
Anglesey (Llangefni)	1024.9	+4	N	4	o	55	65	8	2-3000	Fr.Cu	9	-	-	5	1027.7	+2	NNW	1	c	57	65	8	4-5000	Cu	1	Cc	6	4
Falmouth	1028.4	+5	NNW	4	bcvq	60	55	8	-	Cu	5	-	-	*	1029.7	+3	N	2	b	59	55	-	-	Cu	1	Cc	1	*
Calshot (Hants)	1022.4	+1	NNW	4	o	60	75	8	4-5000	St.Cu	9	-	-	5	1026.7	+5	NW	4	c	61	75	8	5-7000	St.Cu	5	A.St	1	4
Capel (Folkestone)	1021.6	+3	NNW	6	bc	58	65	8	12-2000	Cu.Nb	4	-	-	4	1025.2	+4	N	2	cv	57	65	8	5-7000	St.Cu	7	-	-	3
Aberdeen	1019.6	+4	NNW	4	bc	61	44	8	-	Cu	4	-	-	2	1022.3	+4	SSE	3	bc	53	75	8	-	Cu	6	-	-	2
East Fortune	1020.6	+5	-	0	bcv	62	55	7	7-9000	St.Cu	5	-	-	*	1023.3	+3	NW	1	cr	55	82	7	12-2000	Nb	7	-	-	*
Howden	1020.3	+4	NNW	5	o	57	65	6	12-2000	St.Cu	9	-	-	*	1024.2	+2	NNE	2	bc	60	98	5	12-2000	?	5	A.St	6	*
Felixstowe	1021.6	+2	N	5	bcv	60	82	5	-	Cu.Nb	5	-	-	*	1025.5	+5	N	3	b	58	87	7	3-4000	St.Cu	3	-	-	4
Cranwell (Lines)	1021.9	+4	NW	6	c	59	75	7	3-4000	St	7	-	-	*	1024.3	+6	NNW	3	b	59	75	7	4-5000	St	2	A.Cu	2	*
Bedford	1021.6	+2	NW	4	cu	61	55	-	5-7000	Cu	8	-	-	*	1025.0	+3	NW	3	b	62	55	-	4-5000	Fr.Cu	2	-	-	*
Benson	1022.6	+3	NW	3	c	63	82	8	-	-	-	-	-	*	1025.7	+4	NW	4	c	62	55	10	-	Cu	5	-	-	*
London (Kew Obs.)	1022.7	+4	W	2	bc	59	65	8	-	Cu	4	Fr.Cu	1	*	1025.7	+3	NW	2	bc	63	45	8	-	Cu	4	-	-	*
1st G.M.T. OF 22 <sup>nd</sup>														7th G.M.T. OF 22 <sup>nd</sup>														
Houton B. (Orkney)	1022.6	+1	W	6	c	46	98	4	12-2000	St	4	Cc	4	3	1021.7	-1	SW	3	o	47	92	8	3-4000	St	5	A.St	4	2
Eskdalemuir	1027.8	+1	SE	1	bcw	40	87	7	-	-	-	Cc	4	4	1026.0	-2	SSE	1	om	45	92	6	12-2000	St	6	A.St	4	*
Stranraer	1027.8	-1	SW	1	c	42	92	5	2-3000	St	5	A.Cu	3	*	1025.9	-2	SW	1	To	51	87	7	2-3000	St	10	-	-	*
Lough Foyle	1027.8	-2	-	0	bc	55	*	*	*	*	*	*	*	*	1024.5	-3	S	5	o	50	95	6	2-3000	St	3	A.St	7	*
Valencia (Cahire'n)	1029.1	+1	SSW	2	b	46	87	-	3-4000	St	2	A.St	1	2	1028.0	-1	SSW	2	g	53	75	8	2-3000	St	6	A.St	4	5
Anglesey (Llangefni)	1029.1	+1	SSW	2	b	46	87	-	3-4000	St	2	A.St	1	2	1028.0	-1	SSW	2	g	53	75	8	2-3000	St	6	A.St	4	5
Falmouth	1032.0	0	NW	1	c	51	98	8	5-7000	St.Cu	?	-	-	*	1031.3	0	-	0	c	54	92	5	-	Cu	6	A.St	2	*
Calshot (Hants)	1032.1	+3	NNW	1	o	51	98	8	5-7000	St.Cu	?	-	-	4	1032.0	0	-	0	b	56	87	7	7-9000	-	-	Cc	2	0
Capel (Folkestone)	1029.5	+2	N	3	v	49	87	8	-	-	-	-	-	3	1030.8	+2	SSW	1	z	56	75	5	-	-	Cc	5	2	
Aberdeen	1023.3	0	-	0	b	45	87	6	5-6000	St	2	-	-	*	1023.6	-1	SW	2	om	52	65	6	-	-	-	-	-	2
East Fortune	1026.4	+2	SW	3	bc	48	76	-	5-7000	St.Cu	4	Cc	2	*	1024.6	-1	SW	1	o	52	65	6	5-7000	St	10	-	-	*
Howden	1027.9	+2	W	2	c	44	92	4	3-4000	St.Cu	4	A.St	3	*	1028.4	0	SW	1	o	51	87	4	5-7000	St	10	-	-	*
Felixstowe	1029.4	+4	WNW	2	b	51	98	-	-	-	-	-	-	3	1030.4	+2	NW	1	b	54	92	5	-	-	Cc	2	3	
Cranwell (Lines)	1019.3	0	SSW	2	b	48	92	4	2-3000	St	2	-	-	*	1029.2	+1	W	2	c	54	82	6	4-5000	St	3	A.St	5	*
Bedford	1029.6	+2	-	0	b	53	*	*	*	*	*	*	*	*	1030.4	+2	-	0	b	52	75	7	-	-	Cc	2	*	
Benson	1029.6	+2	-	0	b	53	*	*	*	*	*	*	*	*	1031.2	+1	-	0	bc	52	75	5	-	St	1	Cc	5	*
London (Kew Obs.)	1029.6	+2	-	0	b	53	*	*	*	*	*	*	*	*	STATIONS CONTRIBUTING REPORTS AT 7th AND 19th.													
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		DIREC. OF UPPER CLOUD.	Weather.	SEA.	Rainfall.	TEMP.		WEATHER.			SUNSHINE Hours.							
	at M.S.L. m.b.		°F.	Dir.		Force 0-12.	at M.S.L. m.b.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.					Force 0-12.	Max. °F.	Min. °F.	Morning.	Afternoon.		Night.						
19th G.M.T. OF 21 <sup>st</sup>												7th G.M.T. OF 22 <sup>nd</sup>										24 HOURS ENDED 7th 22 <sup>nd</sup>				21 <sup>st</sup>		
Lerwick	1019.3	54	W	3	bc	1019.7	0	50	-2	S	2	-	o	1	-	57	46	bc	bc	cu	*							
Stornoway	1022.7	54	W	4	c	1019.5	-4	50	-2	SSW	3	-	of.	2	2	58	48	bc	bc.p.c	c.op	11.2							
Castlebay (Barra)	1025.2	53	W	4	c	1019.2	-5	51	0	S	4	-	o	4	2	55	50	bc	c.bc	c.op-o	12.8							
Glasgow	1025.0	56	WNW	4	bc	1024.7	-2	50	+3	SW	2	-	o3	2	-	60	45	e.bcv	bc3	bc.c-o2	11.3							
Malin Head	1026.3	55	WNW	3	bc	1026.9	-5	50	0	S	4	S	c	3	1	56	49	bcq	bcq	cp	13.2							
Blackod Point	1027.3	55	SW	3	bv	1018.8	-4	53	+2	S	6	-	omd	4	4	57	50	bcv	bcv	bcv om	*							
Roche's Point	1029.3	58	SSW	3	bc	1027.6	-2	54	+2	SSW	4	-	o	4	0.3	64	51	b.bcv	bcv	b.opm	*							
Birr Castle	1028.6	58	W	1	c	1024.6	*	53	-2	S	2	-	o	*	-	63	45	c	c	c.o	19.3							
Donaghadee	1026.4	52	NNE	4	bc3	1024.5	-1	49	0	SW	2	-	c	2	0.4	56	46	bc3	bc3	bc2 cz	*							
Liverpool (Bishop)	1027.0	57	WNW	3	b	1027.6	-1	54	+5	SSW	3	-	o	2	0.2	58	47	bc	bc	bc	7.3							
Holyhead	1027.4	58	-	0	bv	1027.3	-1	53	+3	SSW	4	-	avg	3	trace	60	48	bc.c.b	bc	bc	11.6							
Pembroke (St. Ann's Head)	1029.3	57	W	1	bv	1030.2	-1	53	-4	S	2	SW	cv	2	-	58	51	bcv	bcv	bcv	15.0							
Scilly (St. Mary's)	1030.3	58	NNW	2	bc	1031.8	0	53	0	SW	1	SW	bc	2	0.2	61	49	bcv	bc	b.bcv	13.5							
Jersey (St. Aubin)	1028.7	60	NW	3	b	1031.1	+1	60	+3	NNW	1	-	b	1	-	62	48	b	b	bc	14.3							
Portland Bill	1026.8	59	NW	4	bc	1030.5	+1	60	+5	E	1	-	bc	3	-	61	50	bc.b	b.bc	bc	*							
Dungeness	1024.2	63	WNW	4	bc	1030.0																						



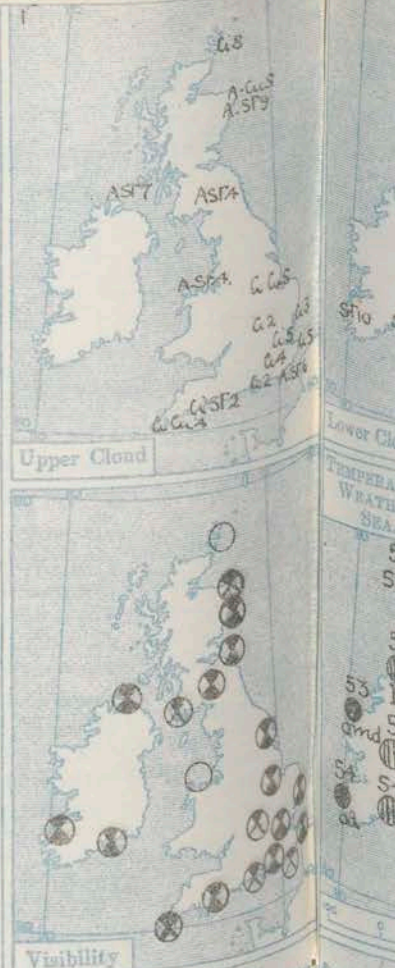
# SUMMARY OF CONDITIONS AT 7 A.M. Sunday, 22nd June, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Var. 0-5	Moderate	Fine or fair	Good	Smooth
2. E. England	SW-NW. 5-10	Rather	Fine to cloudy.	Ord.	"
3. E. Midlands	SW. 0-2	"	Fine to cloudy	Good	-
4. W. Midlands	SSW. 5-10	Moderate	Variable cloud	-	-
5. S.W. England	Var. 0-5	"	Fine to cloudy, haze at Falmouth	Var.	Smooth
6. South Wales	S-W. 5	"	Cloudy.	Ex. good	"
7. North Wales	SSW. 10-15	"	Dull, gloomy.	Ex. good	Mod.
8. N.W. England	SSW. 10	"	Dull.	Ord.	Smooth
9. N. Midlands	SW. 5-10	Rather	Dull.	Good	-
10. N.E. England	WSW-WNW. 2-15	"	Fair to dull	Ord.	Smooth
11. E. Scotland	SW-W. 2-5	Moderate	Dull, local mist & showers.	Good	"
12. S.W. Scotland	SE-SW. 2-5	Rather	Dull, local mist & rain.	V. good	"
13. Isle of Man	SW. 5-10	"	Cloudy or dull.	Good	"
14. N. & N.W. Scot- land	SW. 10	Moderate	Dull, local mist & rain.	Ord.	"
15. Hebrides	S-SSW. 10-15	"	Dull, local rain.	"	Slight
16. Orkneys and Shetlands	S-SW. 5-15	"	Dull, mist at Shetlands.	Var.	Smooth
17. N.W. Ireland	S. 20-27	"	Dull, local mist & drizzle.	Indiff.	Mod.
18. N.E. Ireland	S-SW. 15-15	Rather	Cloudy or dull, local showers.	Good	Slight
19. S.E. Ireland	S-SSW. 5-10	Moderate	Cloudy or dull.	Ord.	Smooth
20. S.W. Ireland	SSW. 15	"	Dull, local drizzle	"	Mod.

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

Conditions are anticyclonic over the South of England and Bay of Biscay. A depression centred to the north west of Scotland is moving north-east. Barometer is falling over Scotland, Ireland and Western England. Strong SWly. winds with some rain are, therefore, anticipated in Scotland and Ireland.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Sunday, 22nd June, 1919
1. S.E. England	Moderate SWly. breezes. Fair to cloudy.
2. E. England	Rather warm.
3. E. Midlands	
4. W. Midlands	Moderate SWly. breezes, fresh at times. Cloudy,
5. S.W. England	some showers. Moderate temperature.
6. South Wales	
7. North Wales	
8. N.W. England	Fresh sky. or SWly. winds, strong at times, veering.
9. N. Midlands	Dull, rain at times. Moderate temperature.
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scot- land	Strong S.W. or SWly. winds, high in exposed places, veering.
15. Hebrides	
16. Orkneys and Shetlands	Dull, some rain. Moderate temperature.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	



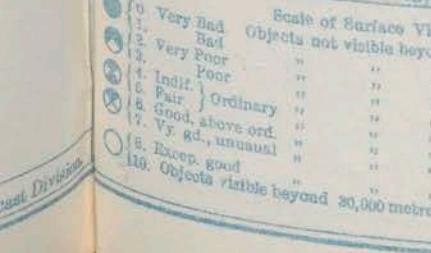
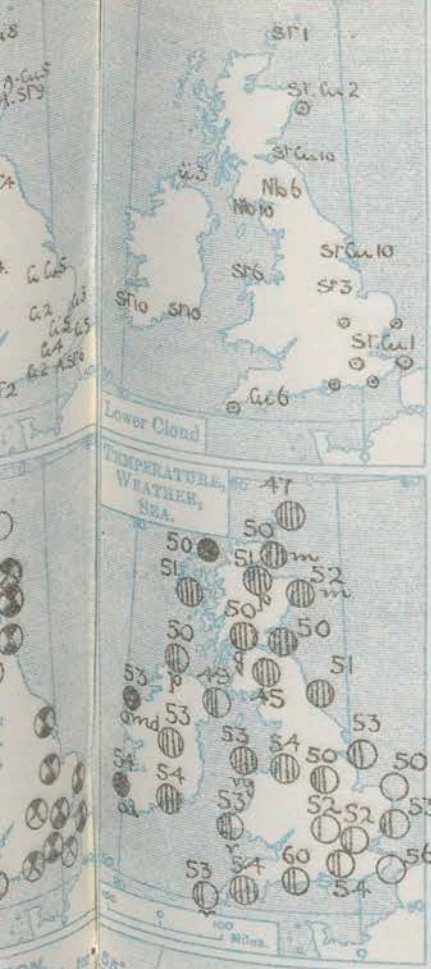
**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of five millibars.  
**WIND.**—Direction is shown by arrow flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in miles per hour by figures in small circles.  
**TEMPERATURE.**—Isobars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

## Further Outlook.

Conditions are too uncertain to extend the forecast beyond the normal period.



SYNOPTIC CHART FOR MORNING OF SUNDAY, 22<sup>ND</sup> JUNE, 1919.



Scale of Surface Visibility.				
		Objects not visible beyond	200 metres.	
1	Very Bad	"	"	
2	Bad	"	"	
3	Very Poor	"	"	
4	Poor	"	"	500 (545 yards)
5	Indif.	"	"	1,000 (1,094 yards)
6	Pair.	"	"	2,000 (2,187 yards)
7	Ordinary	"	"	4,000 (4,374 yards)
8	Good, above ord.	"	"	7,000 (7,626 yards)
9	Y. gd., unusual	"	"	12,000 (13,120 yards)
10	Except. good	"	"	20,000 (21,870 yards)
11	Objects visible beyond	30,000 metres, (32,808 yards)		



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 173. B

Sunday  
22nd June

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR JUNE 21 <sup>st</sup>																			
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.	
		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.			Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h.	Day. 9h-17h.	to 17h.	Sunrise to Sunset.
						3.0 <sup>th</sup>	2.1 <sup>st</sup>	2.1 <sup>st</sup>	2.1 <sup>st</sup>							2.0 <sup>th</sup>	2.1 <sup>st</sup>	2.1 <sup>st</sup>	2.0 <sup>th</sup>
Scotland.	Banff ... ..	b	b	59	45	1	-	9.8	11.7	England, N.W.	Southport ... ..	c. bc. b	b	58	48	4	-	6.9	10.2
	Montrose ... ..	a	a	57	46	-	3	8.6	7.9		Douglas (I. of Man) ...	*	*	51	46	2	-	11.0	8.2
	St. Andrews ... ..	*	*	58	45	1	-	7.3	8.2										
	Oban ... ..	a	o. bc. c	58	45	1	-	7.3	8.2										
England, N.E.										Midlands.	Buxton ... ..	p. a. b	bc	56	43	9	0.3	3.9	2.1
	Harrogate ... ..	a. c. bc	op. bc. c	59	43	1	3	4.0	7.2		Leamington Spa ...	cp. c	bc	62	47	-	0.2	9.0	0.4
	Skegness ... ..										Malvern ... ..								
											Ross-on-Wye ... ..	bc. b	bc	66	45	-	-	9.4	0.2
England, E.										Wales.	Rhyl ... ..								
	Felixstowe ... ..	bc. p	bc	61	51	10	2	7.5	0.0		Colwyn Bay ... ..								
	Walton-on-Naze ...										Llandudno ... ..								
	Southend-on-Sea ...	bc. pt. l	bc. p	65	53	4	1	8.0	0.0		Aberystwyth ... ..	o. c	b. bc	57	53	-	-	6.5	7.0
England, S.E.	Folkestone ... ..	*	*	65	52	9	trace	9.1	0.0	England, S.W.									
	Margate ... ..	p	b. p. h. q.	63	53	4	3	3.9	0.0		Plymouth ... ..	*	*	63	46	-	-	12.0	0.0
	Ramsgate ... ..	*	*	60	51	6	0.1	5.6	0.0		Weymouth ... ..								
	Hastings ... ..	o. r. bc. b	op. bc. b	64	51	7	1	9.3	0.0		Torquay ... ..								
	Eastbourne ... ..	bc. b	b. bc	67	51	7	-	10.6	0.0		Penzance ... ..								
	Worthing ... ..	bc	b. bc	64	49	10	1	10.5	0.0		Newquay ... ..								
	Littlehampton ...	b	b	69	49	7	-	11.7	0.0		Weston-s-Mare ...								
	Bournemouth ...	*	*	64	46	trace	-	12.2	0.0		Bude ... ..	p. p. bc	b	60	52	1	-	11.2	3.9

SUMMARIES FOR PAST 24 HOURS.											BEAUFORT NOTATION.			THE BEAUFORT SCALE WIND FORCE.		
STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass. °F.	RAINFALL.		Sun. Hours.	Limits of Velocity.					
	7h-12h 21 <sup>st</sup>	12h-18h 21 <sup>st</sup>	18h-21h 21 <sup>st</sup>	1h-7h 22 <sup>nd</sup>				Day. 7h-12h	Night. 12h-7h		No.	Statute miles per hour.	Metres per second.			
†Houton Bay (Orkney)...	bc.c	bc.c	c.D.3	c.o.c.o	55	43	*	*	*	b blue sky (not more than a quarter covered).	0	Less than 1	Less than 0.3-1.4			
Esksdalemuir ...	b.c.o.p.b.c	cy.bcy.bc	bc	bc.w.p	61	38	31	-	-	7.8	1	1-2	1.4-3.2			
†Stranraer ...	qv	qv	bc.c	o.51	60	44	*	*	*	bc sky partly cloudy (one half covered).	2	4-7	3.4-5.4			
†Lough Foyle ...	bc.c.v			p.q	58	45	*	*	*	c generally cloudy (three quarters covered).	3	8-12	6.4-7.9			
Valencia (Cahirciveen) ...	c.b.c.b	c.b.c.b.b	bc.c.o.dr.		58	51	49	-	2	12.1	4	13-18	8.4-10.7			
†Anglesey (Llangefni) ...	cp	bc.c	b.bcv	c.o	60	45	*	*	*	d drizzle, or fine rain.	5	19-24	10.8-13.8			
Falmouth ...	bc.vy	by.b.y.b	b.w	bc.w	62	45	34	-	-	14.9	6	25-31	13.9-17.1			
†Calshot (Hants) ...	c.o	b.b.cq	b.bc	c.o	64	46	*	*	*	e wet air without rain falling.	7	32-38	17.2-20.2			
†Capel (Folkestone)...	rl.p	bc.c.v	b.bcv	b.bcv	61	46	*	*	*	f fog, g gloom.	8	39-46	20.8-24.4			
Aberdeen ...	bc.p.vy	bc.cpv	cp.c.2		62	45	37	1	Trace	8.0	9	47-54	24.5-28.4			
†East Fortune ...	bc.c.v	bc.c.p	p.d.2	c	65	46	*	*	*	rs sleet, i.e., rain and snow together.	10	55-63	28.5-33.8			
†Howden ...	rq	bc.cq	c.o.p	c.o	61	38	*	*	*	s snow.	11	64-75	33.4 or above			
†Felixstowe ...	pr.hq	bc.c.l	?	b.bcz	61	47	*	*	*	t thunder.	12	Above 75	38.4 or above			
†Cranwell (Lincs) ...	cp.hq	cp	b.bc	b.bc.b.c	61	47	*	*	*	u ugly, threatening sky.						
†Bedford ...	c.o.p	bc.cq					*	*	*	v unusual visibility.						
Benson ...	c.p	bc.v					*	*	*	w dew.						
London (Kew Obsy.) ...	rl.p	cp.rl.b.c					*	*	*	x hoar frost.						
							*	*	*	y dry air; humidity less than 60 per cent.						
							*	*	*	z dust haze; the turbid atmosphere of dry weather.						

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

THE BEAUFORT SCALE OF WIND FORCE.		
No.	Statute miles per hour.	Meters per second.
0	Less than 1	Less than 0.8
1	1-3	0.8-1.4
2	4-7	1.4-2.2
3	8-12	2.2-3.4
4	13-18	3.4-5.0
5	19-24	5.0-6.7
6	25-31	6.7-8.5
7	32-38	8.5-10.4
8	39-46	10.4-12.8
9	47-54	12.8-15.0
10	55-63	15.0-17.7
11	64-75	17.7-20.8
12	Above 75	20.8 or above

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

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

LONDON. OBSERVATIONS.	WEATHER.							Rain- fall. mm.	Sun- shine to Sunset. Hours.	Humidity %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.						
	Morning	Afternoon	Night	Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	15 h. G.M.T.			9 h. G.M.T.	22 <sup>nd</sup> & 23 <sup>rd</sup> June 1919.								
											Stations		Sunrise	Noon	Sunset				
Greenwich (Royal Observatory)	c	c	o. r.	66	44	30	4	12.4	51	55	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.				
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	*									
Westminster (St. James's Park)	*	*	*	*	*	*	*	*	*	*	Total ..... Joules.	Greenwich	3.32	11.55	8.18				
Admiralty Arch	cv. r. h. p.	bc. p	bc. b. bc	66	49	*	4	12.0	50	58									
Camden Sq. (British Rainfall)	c. r.	bc. b	*	66	45	42	1	11.3	62	53	Average Rate.	Valencia ...	3.45	12.2	8.19				
Kensington Palace ...	c. o. r.	c.	*	66	45	37	-	*	x.	59									
Richmond Park ..	*	*	*	*	*	*	*	*	*	*	Maximum Rate.		4.23	12.43	9.3				

## NOTES ON THE WEATHER OF YESTERDAY.

Little rain fell over the country yesterday. Thunderstorms were experienced in the east and south-east of England accompanied by heavy showers. 5 mm. of rain were measured at Clacton and 4 mm. in London (Westminster). Sunshine amounts were good as much as 15 hours being recorded at Pembroke. Temperature nowhere

reached 70°F., the highest recorded was 67° at Tynemouth. The maximum temperature for London was 66°F. The temperature during the night fell to 42°F. at Nottingham and 45°F. in London.

† Air Ministry Station. \* Information for these columns not usually received.





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

No. 21,032B MONDAY, 23<sup>RD</sup> JUNE 1919.

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

STATIONS	13H. G.M.T. OF 22 <sup>ND</sup>														19H. G.M.T. OF 22 <sup>ND</sup>														
	Barom. at M.S.L.	Change in 3 hours.	Wind. Dir.	Force 0-12.	Weather	Temp. °F.	Humidity %	Visibility 0-10.	Height of Low Cloud Feet.	Low Cloud Form.	Amt. 0-10.	Upper Cloud Form.	Amt. 0-10.	Sea 0-9.	Barom. at M.S.L.	Change in 3 hours.	Wind. Dir.	Force 0-12.	Weather	Temp. °F.	Humidity %	Visibility 0-10.	Height of Low Cloud Feet.	Low Cloud Form.	Amt. 0-10.	Upper Cloud Form.	Amt. 0-10.	Sea 0-9.	
	m.b.														m.b.														
Houton B. (Orkney)	1017.0	-5	S	6	o	49	98	6	3-4000	St	6	A St	3	4	1017.7	-5	SW	5	odm	52	98	4	1-1500	St	10	-	-	*	
Esksdalemuir	1021.9	-4	SW	6	om	53	75	6	2-3000	Nb	10	-	-	*	1017.9	-2	WSW	2	o	51	92	8	2-1000	St	10	-	-	*	
Stranraer	1021.0	-4	SSW	5	f.g	53	98	6	2-1000	Nb	10	-	-	*	1025.9	+1	W	4	o	56	92	6	2-1000	St	10	-	-	4	
Lough Foyle	1018.3	-1	SW	5	f	53	98	0	-	-	-	-	-	4	1021.6	-5	SW	5	f.f	53	98	2	2-1000	St	10	-	-	5	
Valencia (Cable'n)	1025.5	+1	SSW	4	o	56	92	7	2-1000	St	10	-	-	4	1026.6	-6	SW	4	ogq	58	98	7	-	StCu	3	A St	6	*	
Anglesey (Llangefni)	1025.4	-4	SSW	6	f.f	53	92	2	2-1000	St	10	-	-	5	1026.8	-2	SW	4	o	61	92	8	2-3000	StCu	6	A St	3	4	
Falmouth	1029.7	-2	WSW	4	by v	62	55	-	-	R Cu	6	ci	1	*	1026.1	-4	WSW	4	o	57	75	8	-	-	-	A Cu	10	3	
Calshot (Hants)	1028.3	-3	SSW	2	c	67	92	8	7-9000	cu	2	ci	5	3	1014.8	-6	S	2	omp	54	87	6	-	Nb	10	-	-	2	
Capel (Folkestone)	1028.8	-2	SSW	3	c	59	82	5	4-8000	StCu	6	-	-	3	1016.0	-4	SW	3	o	59	75	6	2-3000	StCu	9	-	-	*	
Aberdeen	1019.5	-4	SW	4	opm	54	75	5	-	Nb	8	A St	2	2	1021.7	-4	SW	4	o	60	65	5	2-3000	StCu	10	-	-	*	
East Fortune	1020.7	-6	SSW	2	o	57	75	6	4-5000	cuNb	3	A St	5	4	1024.3	-4	SSW	3	c	63	87	6	5-7000	StCu	6	-	-	3	
Howden	1026.1	-3	SW	3	o	59	55	5	2-3000	StCu	10	-	-	*	1022.5	-6	SW	3	o	62	65	8	4-5000	St	6	A St	4	*	
Felixstowe	1028.5	-4	WSW	3	c	64	75	6	-	StCu	4	ci	4	2	1023.7	-4	W	3	g	66	45	5	5-7000	StCu	4	A Cu	3	*	
Cranwell (Lines)	1026.3	-3	SW	3	o	61	55	8	3-4000	F Cu	6	A St	4	*	1024.5	-5	SW	3	by	68	45	8	-	F Cu	1	ci	3	*	
Bedford	1027.3	-3	WSW	2	c	65	45	6	5-7000	F Cu	4	A Cu	4	*															
Benson	1028.4	-2	SW	3	c	67	45	8	-	-	-	-	-	*															
London (Kew Obs.)	1027.8	-6	WSW	2	cy	65	85	8	-	cu	2	A Cu	5	*															
1H. G.M.T. OF 23 <sup>RD</sup>															7H. G.M.T. OF 23 <sup>RD</sup>														
Houton B. (Orkney)	1006.3	-4	W	7	c	46	98	6	2-3000	StCu	6	A Cu	2	4	1002.8	-5	SSW	4	od	47	98	2	2-1000	Nb	10	-	-	3	
Esksdalemuir	1015.6	-2	W	4	of	47	82	7	-	St	9	-	-	*	1012.6	-2	W	4	orm	49	82	4	2-2000	St	9	-	-	*	
Stranraer	1017.8	0	WSW	3	o	49	92	6	2-2000	St	10	-	-	*	1015.6	0	WNW	5	cq	50	92	6	2-3000	St	6	A Cu	2	*	
Lough Foyle	1029.7	+2	SSW	5	om	53	*	*	*	*	*	*	*	6	1017.1	+1	WNW	7	o	50	92	5	2-3000	St	10	-	-	6	
Valencia (Cable'n)	1029.7	+2	SSW	5	om	53	*	*	*	*	*	*	*	6	1027.9	0	NW	5	o	54	75	7	2-3000	StCu	10	-	-	4	
Anglesey (Llangefni)	1021.1	0	WNW	4	o	53	92	-	2-2000	St	10	-	-	4	1020.6	-0	W	5	o	51	87	6	2-1000	St	10	-	-	5	
Falmouth	1025.4	-2	WNW	4	o	55	92	5	-	St	9	-	-	*	1025.3	+1	NW	4	c	55	75	7	-	StCu	8	-	-	*	
Calshot (Hants)	1023.0	-4	WSW	3	o	56	98	6	5-7000	StCu	6	A St	3	4	1021.0	-2	WNW	3	c	59	75	7	3-4000	StCu	5	A St	1	3	
Capel (Folkestone)	1022.6	-3	WNW	4	bc	51	87	8	2-1000	St	5	-	-	4	1019.7	-3	WNW	4	o	55	92	5	2-2000	StCu	10	-	-	3	
Aberdeen	1010.7	-1	WSW	4	b	49	92	6	3-4000	StCu	1	-	-	*	1006.8	-3	SSW	2	om	54	75	5	-	StCu	10	-	-	2	
East Fortune	1013.2	-2	WSW	4	c	51	87	-	4-5000	StCu	6	-	-	*	1009.5	-4	WSW	5	bc	54	75	5	4-5000	StCu	5	-	-	*	
Howden	1027.2	-3	SW	3	o	55	92	4	2-2000	St	10	-	-	*	1016.0	-1	WSW	4	o	52	98	6	2-2000	StCu	10	-	-	*	
Felixstowe	1021.2	-2	SW	3	o	58	92	-	-	-	-	-	-	4	1017.9	-2	WNW	3	o	58	98	5	3-4000	StCu	9	-	-	3	
Cranwell (Lines)	1019.0	-4	SW	3	o	55	92	6	3-1000	StCu	1	-	-	*	1017.0	-1	W	4	cv	54	75	8	3-4000	St	6	A St	3	*	
Bedford														*	1018.8	-3	WNW	3	or	55	75	9	5-7000	St	10	-	-	*	
Benson														*	1019.0	-2	WNW	3	o	57	82	5	-	cu	9	-	-	*	
London														*	1019.5	-1	WNW	3	o	59	75	7	-	F Cu	8	A Cu	1	*	
M.O. 2114	1021.7	-3	W	3	c	57	*	*	*	*	*	*	*	*															

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.		Force 0-12.	at M.S.L.		Change in 3 hours.	Temp. °F.	Change in 3 hours.	Direc.	Force 0-12.	Max. °F.					Min. °F.	Morning.	Afternoon.	Night.										
	m.b.	°F.	Direc.	Force 0-12.	m.b.	Change in 3 hours.	°F.	Change in 3 hours.	Direc.	Force 0-12.	°F.	Change in 3 hours.	Direc.	Force 0-12.	0-9.	mm.	Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	Hours							
12H. G.M.T. of 22nd						7H. G.M.T. of 23rd												24 HOURS ENDED 7H. 23rd										22nd	
Lerwick	1013.0	50	SSE	4	omd	1004.6	-1	51	+1	W	1	-	bcm	1	10	55	48	om	omp	omr	*								
Stornoway	1010.1	54	SW	5	org	1004.3	-2	52	+2	WNW	6	-	cpq	5	8	56	48	or.o	or.o	cpq	0.0								
Castlebay (Barra)	1013.6	51	WNW	4	op	1011.4	0	52	+1	WNW	6	-	o	6	1	54	50	op	op	op.o	0.1								
Glasgow	1016.4	54	SW	3	omg	1011.7	-2	50	0	WSW	4	NW	c	*	1	54	48	ogdp	ogdp	ogdp	0.0								
Malin Head	1016.4	53	WSW	5	cmg p	1015.2	0	50	0	WSW	6	W	cpq	6	2	57	48	cmg	cmg	cpq	0.9								
Blackod Point	1021.2	54	WNW	4	op	1023.0	+1	51	-2	NW	6	NW	bcqp	6	1	57	48	bcmp	cmp	ap.omp	*								
Roche's Point	1024.4	60	WNW	3	o	1025.8	0	53	-1	NNW	4	-	o	2	1	62	52	fab	o	o.c.o	*								
Birr Castle	1022.5	58	W	2	o	1023.6	0	52	-1	W	2	-	o	*	1	61	51	op.c	c.o	odp	0.8								
Donaghadee	1017.5	59	W	3	cy	1017.9	0	52	+3	NW	5	-	ogmp	4	1	62	49	ogp	ogmp	bcq.op	*								
Liverpool (Bidston)	1020.8	58	WSW	4	g	1017.5	-2	52	-2	W	7	W	og	5	1	59	51	opv	op	c.oq	0.2								
Holyhead	1020.7	54	SW	5	opfg	1020.2	-1	52	-1	W	6	NW	cpq	5	2	55	51	cp.opq	op.cop	c.opq	0.0								
Pembroke (St. Ann's Head)	1024.3	54	SW	4	o	1023.8	+1	52	-1	WNW	4	-	ogv	4	-	56	51	cv.o	o.opd	c.oqy	1.4								
Scilly (St. Mary's)	1027.9	57	WSW	3	o	1026.6	+1	55	+2	N	4	N	o	4	0.2	61	52	c.bc	bc.c.o	o.c	5.1								
Jersey (St. Aubin)	1028.3	61	WNW	2	b	1024.2	0	58	-2	W	2	-	o	2	-	65	53	b	b	b.o	14.4								
Portland Bill	1026.8	58	WSW	5	c	1022.1	-1	57	-3	W	5	W	o	3	-	62	53	bc	bc.c	c.o	*								
Dunagness	1025.5	60	SW	3	bc	1019.4	-2	58	+2	SW	3	SW	c	3	-	63	55	c	c	c	*								
Liverpool (Birkenhead)	1020.8	58	WSW	4	g	1017.5	-2	52	-2	W	7	W	og	5	1	59	51	opv	op	c.oq	0.2								
Holyhead	1020.7	54	SW	5	opfg	1020.2	-1	52	-1	W	6	NW	cpq	5	2	55	51	cp.opq	op.cop	c.opq	0.0								
Pembroke (St. Ann's Head)	1024.3	54	SW	4	o	1023.8	+1	52	-1	WNW	4	-	ogv	4	-	56	51	cv.o	o.opd	c.oqy	1.4								
Scilly (St. Mary's)	1027.9	57	WSW	3	o	1026.6	+1	55	+2	N	4	N	o	4	0.2	61	52	c.bc	bc.c.o	o.c	5.1								
Jersey (St. Aubin)	1028.3	61	WNW	2	b	1024.2	0	58	-2	W	2	-	o	2	-	65	53	b	b	b.o	14.4								
Portland Bill	1026.8	58	WSW	5	c	1022.1	-1	57	-3	W	5	W	o	3	-	62	53	bc	bc.c	c.o	*								
Dunagness	1025.5	60	SW	3	bc	1019.4	-2	58	+2	SW	3	SW	c	3	-	63	55	c	c	c	*								
Liverpool (Birkenhead)	1020.8	58	WSW	4	g	1017.5	-2	52	-2	W	7	W	og	5	1	59	51	opv	op	c.oq	0.2								
Holyhead	1020.7	54	SW	5	opfg	1020.2	-1	52	-1	W	6	NW	cpq	5	2	55	51	cp.opq	op.cop	c.opq	0.0								
Pembroke (St. Ann's Head)	1024.3	54	SW	4	o	1023.8	+1	52	-1	WNW	4	-	ogv	4	-	56	51	cv.o	o.opd	c.oqy	1.4								
Scilly (St. Mary's)	1027.9	57	WSW	3	o	1026.6	+1	55	+2	N	4	N	o	4	0.2	61	52	c.bc	bc.c.o	o.c	5.1								
Jersey (St. Aubin)	1028.3	61	WNW	2	b	1024.2	0	58	-2	W	2	-	o	2	-	65	53	b	b	b.o	14.4								
Portland Bill	1026.8	58	WSW	5	c	1022.1	-1	57	-3	W	5	W	o	3	-	62	53	bc	bc.c	c.o	*								
Dunagness	1025.5	60	SW	3	bc	1019.4	-2	58	+2	SW	3	SW	c	3	-	63	55	c	c	c	*								
Liverpool (Birkenhead)	1020.8	58	WSW	4	g	1017.5	-2	52	-2	W	7	W	og	5	1	59	51	opv	op	c.oq	0.2								
Holyhead	1020.7	54	SW	5	opfg	1020.2	-1	52	-1	W	6	NW	cpq	5	2	55	51	cp.opq	op.cop	c.opq	0.0								
Pembroke (St. Ann's Head)	1024.3	54	SW	4	o	1023.8	+1	52	-1	WNW	4	-	ogv	4	-	56	51	cv.o	o.opd	c.oqy	1.4								
Scilly (St. Mary's)	1027.9	57	WSW	3	o	1026.6	+1	55	+2	N	4	N	o	4	0.2	61	52	c.bc	bc.c.o	o.c	5.1								
Jersey (St. Aubin)	1028.3	61	WNW	2	b	1024.2	0	58	-2	W	2	-	o	2	-	65	53	b	b	b.o	14.4								
Portland Bill	1026.8	58	WSW	5	c	1022.1	-1	57	-3	W	5	W	o	3	-	62	53	bc	bc.c	c.o	*								
Dunagness	1025.5	60	SW	3	bc	1019.4	-2	58	+2	SW	3	SW	c	3	-	63	55	c	c	c	*								
Liverpool (Birkenhead)	1020.8	58	WSW	4	g	1017.5	-2	52	-2	W	7	W	og	5	1	59	51	opv	op	c.oq	0.2								
Holyhead	1020.7	54	SW	5	opfg	1020.2	-1	52	-1	W	6	NW	cpq	5	2	55	51	cp.opq	op.cop	c.opq	0.0								
Pembroke (St. Ann's Head)	1024.3	54	SW	4	o	1023.8	+1	52	-1	WNW	4	-	ogv	4	-	56	51	cv.o	o.opd	c.oqy	1.4								
Scilly (St. Mary's)	1027.9	57	WSW	3	o	1026.6	+1	55	+2	N	4	N	o	4	0.2	61	52	c.bc	bc.c.o	o.c	5.1								
Jersey (St. Aubin)	1028.3	61	WNW	2	b	1024.2	0	58	-2	W	2	-	o	2	-	65	53	b	b	b.o	14.4								
Portland Bill	1026.8	58	WSW	5	c	1022.1	-1	57	-3	W	5	W	o	3	-	62	53	bc	bc.c	c.o	*								
Dunagness	1025.5	60	SW	3	bc	1019.4	-2	58	+2	SW	3	SW	c	3	-	63	55	c	c	c	*								
Liverpool (Birkenhead)	1020.8	58	WSW	4	g	1017.5	-2	52	-2	W	7	W	og	5	1	59	51	opv	op	c.oq	0.2								
Holyhead	1020.7	54	SW	5	opfg	1020.2	-1	52	-1	W	6	NW	cpq	5	2	55	51	cp.opq	op.cop	c.opq	0.0								
Pembroke (St. Ann's Head)	1024.3	54	SW	4	o	1023.8	+1	52	-1	WNW	4	-	ogv	4	-	56	51	cv.o	o.opd	c.oqy	1.4								
Scilly (St. Mary's)	1027.9	57	WSW	3	o	1026.6	+1	55	+2	N	4	N	o	4	0.2	61	52	c.bc	bc.c.o	o.c	5.1								
Jersey (St. Aubin)	1028.3	61	WNW	2	b	1024.2	0	58	-2	W	2	-	o	2	-	65	53	b	b	b.o	14.4								
Portland Bill	1026.8	58	WSW	5	c	1022.1	-1	57	-3	W	5	W	o	3	-	62	53	bc	bc.c	c.o	*								
Dunagness	1025.5	60	SW	3	bc	1019.4	-2	58	+2	SW	3	SW	c	3	-	63	55	c	c	c	*								
Liverpool (Birkenhead)	1020.8	58	WSW	4	g	1017.5	-2	52	-2	W	7	W	og	5	1	59	51	opv	op	c.oq	0.2								
Holyhead	1020.7	54	SW	5	opfg	1020.2	-1	52	-1	W	6	NW	cpq	5	2	55	51	cp.opq	op.cop	c.opq	0.0								
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Scilly (St. Mary's)	1027.9	57	WSW	3	o	1026.6	+1	55	+2	N	4	N	o	4	0.2	61	52	c.bc	bc.c.o	o.c	5.1								
Jersey (St. Aubin)	1028.3	61	WNW	2	b	1024.2	0	58	-2	W	2	-	o	2	-	65	53	b	b	b.o	14.4								
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Holyhead	1020.7	54	SW	5	opfg	1020.2	-1	52	-1	W	6	NW	cpq	5	2	55	51	cp.opq	op.cop	c.opq	0.0								
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Jersey (St. Aubin)	1028.3	61	WNW	2	b	1024.2	0	58	-2	W	2	-	o	2	-	65	53	b	b	b.o	14.4								
Portland Bill	1026.8	58	WSW	5	c	1022.1	-1	57	-3	W	5	W	o	3	-	62	53	bc	bc.c	c.o	*								
Dunagness	1025.5	60	SW	3	bc	1019.4	-2	58	+2	SW	3	SW	c	3	-	63	55	c	c	c	*								
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Holyhead	1020.7	54	SW	5	opfg	1020.2	-1	52	-1	W	6	NW	cpq	5	2	55	51	cp.opq	op.cop	c.opq	0.0								
Pembroke (St. Ann's Head)	1024.3	54	SW	4	o	1023.8	+1	52	-1	WNW	4	-	ogv	4	-	56	51	cv.o	o.opd	c.oqy	1.4								
Scilly (St. Mary's)	1027.9	57	WSW	3	o	1026.6	+1	55	+2	N	4</																		

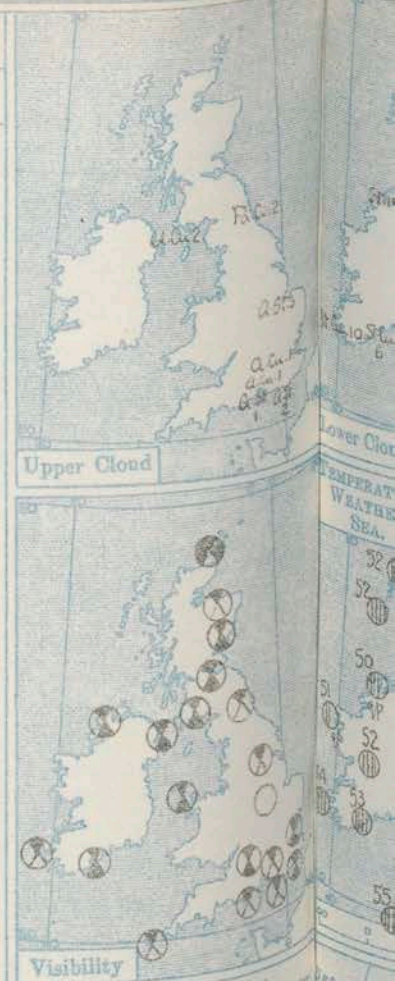


SUMMARY OF CONDITIONS AT 7 A.M. Monday, 23rd June, 1919

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

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

A depression off the north of Scotland is moving eastward and will give winds between W. and NW. generally.



### EXPLANATION.

**BAROMETER.**—Inches are drawn  
intervals of five millibars.

**WIND.**—Direction is shown by an arrow  
flying with the wind. Force, in knots,  
0-12, is indicated by the number of  
feathers. Mean velocity is shown in  
per hour by figures in small circles.

**TEMPERATURE** is given in degrees F.

**WEATHER SYMBOLS.**—

☉	clear sky.	☁	sky 1 cloud.
☁	sky 1 cloud.	☁	sky 1 cloud.
☁	overcast sky.	☁	rain falling.
* snow.	⚡ hail.	≡ fog.	≡
T thunder.	⚡ thunder.		

**SEA DISTURBANCE.**— High seas

Rough

Distriats.	Forecasts for the 24 hours commencing 3 p.m. Monday, 23rd June, 1919
1. S.E. England	Moderate West or NW. winds, fresh at times. Variable cloud, some showers. Cool.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Fresh West or North-West winds. Variable cloud, some showers. Cool.
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	Fresh or strong winds between West and North-West. Variable cloud, some showers. Cool.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

### Further Outlook.

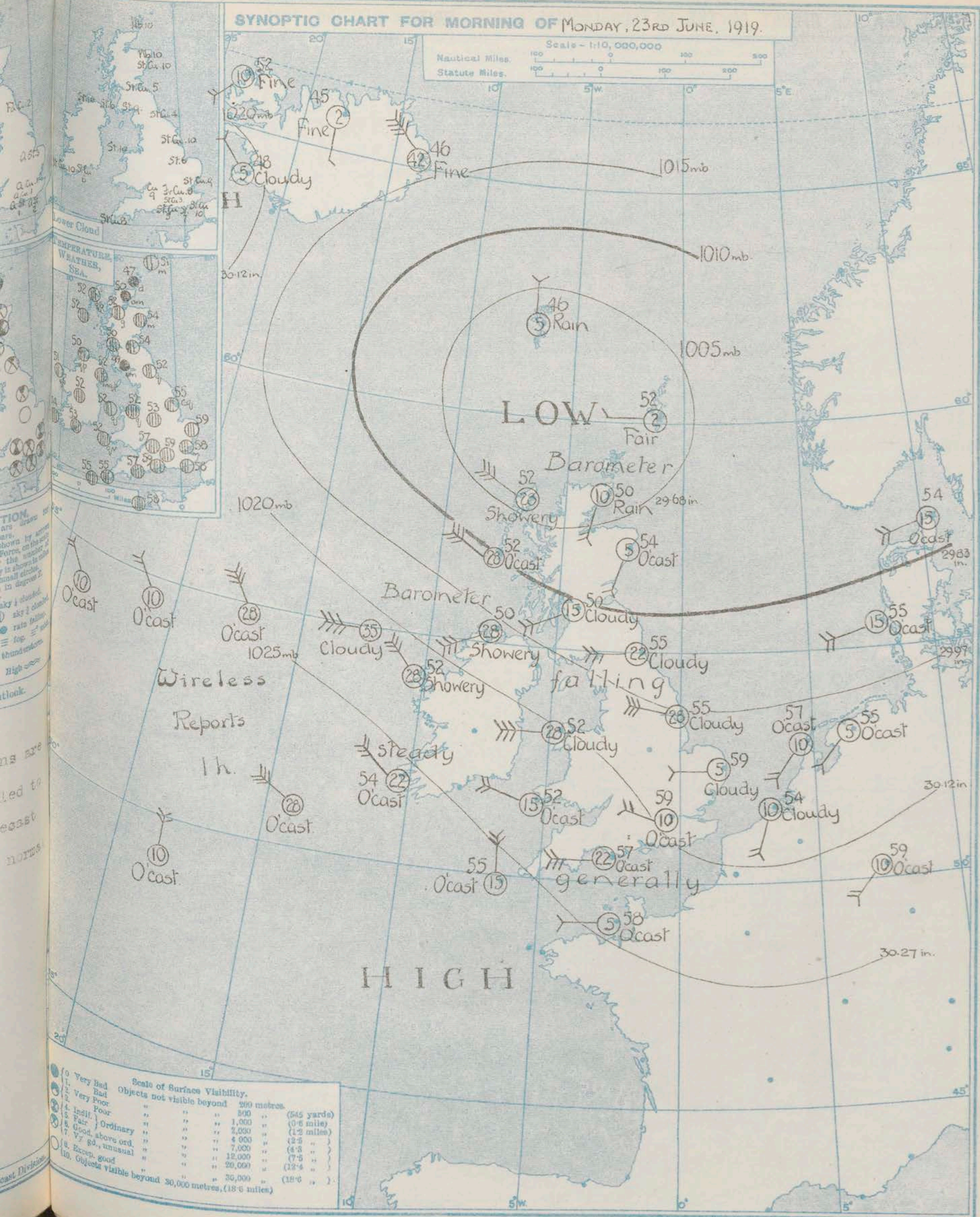
Conditions are too unsettled to give a forecast beyond the normal period.



SYNOPTIC CHART FOR MORNING OF MONDAY, 23RD JUNE, 1919.

Scale = 1:10,000,000

Nautical Miles  
Statute Miles.



Scale of Surface Visibility.

Scale of Surface Visibility.  
Objects not visible beyond 200 metres.

"	"	500 metres
"	"	500 " (545 yards)

inary	31	"	"	1,000	"	(0.6 mile)
		"	"	2,000	"	(1.2 mile)

ord.	"	"	4 000	"	(2.5 " )
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1961	11	7,000	(4.3)
1962	11	12,000	(7.5)

1970	20,000	(12.4)
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beyond 30,000 metres (18.5 miles)

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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 174. B

Monday  
23<sup>rd</sup> June 1919

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 22 <sup>nd</sup> June.																				
STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		
		Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-21st.	Day. 21h-22nd.	to 17h. 22nd.	Sunrise to Sunset. 21st.			Forenoon.	Afternoon.	Max. ° F.	Min. ° F.	Night. 17h-21st.	Day. 21h-22nd.	to 17h. 22nd.	Sunrise to Sunset. 21st.	
Scotland,	Banff ... ..									England, N.W.	Southport ... ..	co	opo	59	46	-	0.3	0.2	8.2	
	Montrose ... ..																			
	St. Andrews ... ..																			
England, N.E.	Harrogate ... ..	o.c	o.c	60	41	0.4	-	0.8	4.0	Midlands.	Buxton ... ..									
	Skegness ... ..										Leamington Spa... ..									
											Malvern ... ..									
											Ross-on-Wye ... ..	cy.bco	cy.op	70	38	-	-	5.0	11.4	
England, E.	Felixstowe ... ..	bc	bcm	63	46	-	-	8.0	9.8	Wales.	Rhyl ... ..	c	c.bcp	59	42	-	0.2	0.6	13.1	
	Walton-on-Naze... ..										Colwyn Bay ... ..	*	*	59	46	-	-	0.2		
	Southend-on-Sea... ..	bcm	bc.c	63	49	-	-	7.6	9.7			Llandudno ... ..	a	o	59	45	-	-	0.1	
												Aberystwyth ... ..								
England, S.E.	Folkestone ... ..	*	*	64	47	-	-	10.3	?	England, S.W.	<i>Pagilton</i>	bc	bc	64	62	-	-	10.0		
	Brighton ... ..	*	*																	
	Margate ... ..																			
	Ramsgate ... ..	*	b	55	46	3	-	8.6	6.6		Weymouth ... ..	.								
	Hastings ... ..	b	b.bc	63	49	-	-	10.8	12.3		Torquay ... ..	b	bc.b.bc	63	46	-	-	9.0		
	Eastbourne... ..	b	bc	65	46	-	-	10.1	13.1		Penzance ... ..	b.bc	bc	62	45	-	-	6.0		
	Worthing ... ..	b	b.bc	65	45	-	-	10.4	13.5		Newquay ... ..	b	bc	63	40	-	-	6.4		
	Littlehampton ... ..	b	b	63	46	-	-	10.0	14.2											
	Bournemouth ... ..	*	*	66	43	-	-	11.0	14.3			Weston-s-Mare ... ..								

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.	Limits of Velocity.			
	7h-13h. 22 <sup>nd</sup> .	13h-18h. 22 <sup>nd</sup> .	18h-24h. 22 <sup>nd</sup> .	1h-7h. 23 <sup>rd</sup> .				Day. 7h-13h.	Night. 13h-7h.		No.	Statute miles per hour.	Metres per second.	
†Houton Bay (Orkney)...	o		r.g	cr	55	45	*	*	*	b blue sky (not more than a quarter covered).	0	Less than 1	Less than 0.5	
Eskdalemuir ... ..	odm.om		odm.om.c	a.orm	53	44	4.4	5	2	0.0	d drizzle, or fine rain.	1	1-3	1.6-2.3
†Stranraer ... ..	od	cp	cpd	pg	57	?	*	*	*	*	e wet air without rain falling.	2	4-7	5.4-10.4
†Lough Foyle ... ..	r		*	og	56	47	*	*	*	*	f fog.	3	8-19	5.5-19.3
Valencia (Cahirciveen) ...	d.opd	opd	dpo		59	52	5.1	1	-	0.3	g gloom.	4	18-18	10-10.7
											h hail.	5	19-24	10.8-15.2
											i lightning.	6	25-31	12.9-17.7
											m mist.	7	32-38	17.3-20.7
											o overcast sky.	8	39-46	20.8-24.4
†Anglesey (Llangefnol) ...	on	r.g	o	og	58	45	*	*	*	*	p passing showers.	9	47-64	24.5-28.4
Falmouth ... ..	c.bcyv	byv.cv	o	c.c	63	52	5.0	-	Trace	7.7	q squalls.	10	65-68	23.5-23.3
†Calshot (Hants) ... ..	bc.c	c.o	c.o	c.o	68	46	*	*	*	*	r rain.	11	64-75	23.6-23.6
†Capel (Folkestone)...	b.bcz	bc.cv	b.bcv	c.o.v	61	46	*	*	*	*	rs sleet, i.e., rain and snow together.	12	Above 75	23.6 or above
											s snow.			
Aberdeen ... ..	o3.ppm	omp	om.b.c.o		58	45	3.9	0.3	-	0.4	t thunder.			
†East Fortune ... ..	or	c.og	c.og	o.cq	64	46	*	*	*	*	u ugly, threatening sky.			
†Howden ... ..	og	og	p.o	c.og	63	?	*	*	*	*	v unusual visibility.			
†Felixstowe ... ..	bc.c	bc.c3	co3	opd	65	49	*	*	*	*	w dew.			
†Cranwell (Lines) ... ..	c.ov	v.p	o.c	e.o	65	53	*	*	*	*	x hoar frost.			
†Bedford ... ..	bc.c	c.og		ou	67	41	*	*	*	*	y dry air; humidity less than 60 per cent.			
Benson ... ..	bc	bc.c			69	51	4.6	-	0.2	*	z dust haze; the turbid atmosphere of dry weather.			
London (Kew Obs.) ... ..	bc.b.c.c	by.bcy	bcy.o.c.o		69	51	5.2	-	-	9.6				

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.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
		Morning.	Afternoon.	Night.	Max. Temp. P.	Min. Temp. Y.	Min. on Grass. F.	Rain-fall. mm.	Sun-shine to Sunset. Hours.			Morning.	Afternoon.	Night.	Max. Temp. P.	Min. Temp. Y.	Min. on Grass. F.	Rain-fall. mm.	Sun-shine to Sunset. Hours.
24 HOURS ENDED ON G.M.T. 23 <sup>rd</sup> June.										Vertical Component of Solar Radiation per Square Centimetre during yesterday.					23 <sup>rd</sup> & 24 <sup>th</sup> June 1919.				
Greenwich (Royal Observatory)	b.c	bc.c	o	72	55	4.8	-	11.0	47	Yarmouth ...	3.32	11.55	8.18		Greenwich ...	3.45	12.2	8.19	
City (Banhill Row) ...	*	*	*	69	56	5.4	-	10.2	65	Greenwich ...	3.45	12.2	8.19		Wick ...	3.8	12.14	9.3	
Westminster (St. James's Park)	*	*	*	69	56	5.4	-	10.1	49	Valencia ...	4.23	12.43	9.3						
(Admiralty Arch)	bc.c	bcv	bc.opc	72	57	5.2	Trace	9.1	58										
Camden Sq. (British Rainfall)				70	55	5.3	-	-	63										
Kensington Palace ...	o.bc	bc	*																
Richmond Park ...	*	*	*																

## NOTES ON THE WEATHER OF YESTERDAY.

Little rain fell over the country yesterday except in the north of Scotland where Lerwick reported 10 mm, Stornoway 8 mm, and Wick 3 mm. Showers were reported from Ireland, Wales and NW. England. Most sunshine was experienced in Southern and Eastern England, many places in SE. England reporting over 10

hours. Temperatures failed to reach 60° in Scotland, Wales and North Ireland and were between 60° and 70° in England. The highest temperature was reported from Ross-on-Wye which recorded a maximum temperature of 70°.



DAY  
JUNE 1919



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

No 21033.B Tuesday: 24<sup>th</sup> June.....1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1h, 7h, 13h AND 19h.																												
STATIONS.	BAROM.	+	WIND.		TEMP.	%	Height	Low Cloud.	Upper Cloud.	Sea	BAROM.	+	WIND.		TEMP.	%	Height	Low Cloud.	Upper Cloud.	Sea								
	at M.S.L. m.b.	Change in 3 hours.	Dir.	Force 0-12.	°F.	Humidity 0-10.	of Low Cloud Feet.	Form.	Am't. 0-10.	0-9.	at M.S.L. m.b.	Change in 3 hours.	Dir.	Force 0-12.	°F.	Humidity 0-10.	of Low Cloud Feet.	Form.	Am't. 0-10.	0-9.								
13h. G.M.T. 23 <sup>rd</sup>													18h. G.M.T. OF 23 <sup>rd</sup>															
Houton B. (Orkney)	1004.5	+4	N	5	f	49	98	5	1-1500	Nb.	9	-	-	3	1008.5	+3	NNW	6	om	48	98	4	-	-	-	2 Cu	8	3
Eskdalemuir	1010.8	-1	W	6	opq	51	75	6	3-4000	Nb.	10	-	-	4	1010.4	0	NW	6	0	51	75	8	-	Nb	8	1	*	
Stranraer	1016.1	0	WNW	8	og	59	82	6	-	Cu	3	3-4	4	6	1015.6	0	NW	8	0	57	87	6	1-2000	St.	10	-	*	
Lough Foyle	1018.2	+1	WNW	8	od	51	87	4	1-1500	Nb.	10	-	-	6														
Valencia (Cahire'n)	1029.7	+2	NW	5	c	56	65	8	3-4000	Cu	8	-	-	5	1030.6	+2	NNW	6	c	54	65	8	2-3000	Cu.	7	-	5	
Anglesey (Llangefni)	1019.9	-1	NW	4	0	53	75	8	1-1500	St.	9	-	-	4	1019.8	0	WNW	5	og	53	75	5	1-1000	St.	10	-	6	
Falmouth	1025.5	0	NW	7	cq	60	65	7	-	Cu.	8	-	-	*	1025.1	-1	WNW	5	og	59	65	8	-	Cu	1	1	*	
Calshot (Hants)	1020.6	0	NW	4	0	60	87	6	3-4000	St.	10	-	-	4	1018.5	-2	WNW	4	0	60	82	7	2-3000	St. Cu.	7	2	6	
Capel (Folkestone)	1017.2	-3	NNW	4	0	62	55	7	1-2000	St. Cu	9	-	-	5	1016.3	-3	NW	3	or	53	65	8	-	St.	8	-	5	
Aberdeen	1003.8	-1	WNW	5	c	59	55	8	-	Cu.	8	-	-	2	1007.0	+5	NNW	5	og	52	92	7	-	CuNb	9	-	4	
East Fortune	1006.8	-3	W	7	cq	60	55	7	3-4000	St. Cu	7	-	-	*	1008.2	+3	NW	4	cu	59	55	7	3-4000	St. Cu.	7	-	*	
Howden	1012.3													*	1011.2	-1	WNW	5	0	56	75	6	2-3000	St. Cu.	10	-	*	
Felixstowe	1016.5	-2	WNW	4	0	60	75	6	5-7000	St.	10	-	-	4	1015.1	-1	W	4	0	57	92	6	-	Nb	8	-	5	
Cranwell (Lines)														*	1013.2	-1	WNW	4	0	54	82	8	1-2000	St.	6	2	*	
Bedford														*	1011.8	0	W	1	cu	57	55	7	4-5000	Nb	7	-	*	
Benson														*	1013.0	-2	WNW	4	0	59	65	7	1-1500	CuNb	3	4	*	
London (Kew Obs.)	1018.5	-2	W	3	0	60	55	8	-	-	Ci	2		*	1016.7	-1	WNW	4	ou	59	55	7	-	St. Cu	10	-	*	
1h. G.M.T. OF 24 <sup>th</sup>													7h. G.M.T. OF 24 <sup>th</sup>															
Houton B. (Orkney)	1013.3	+4	NNE	4	rf	47	98	2	1-1000	St.	10	-	-	3	1016.2	+3	N	5	rf	46	98	3	1-1500	St	10	-	3	
Eskdalemuir	1014.6	+3	NW	5	q	46	82	8	-	St. Cu	1	2-4	1	3	1017.6	+4	NW	5	b	51	75	8	-	Cu	2	1	*	
Stranraer	1018.1	+2	NW	7	0	50	82	4	1-2000	St.	10	-	-	*	1021.2	+4	NW	6	q	51	75	8	1-2000	St	7	1	*	
Lough Foyle														*														
Valencia (Cahire'n)	1032.5	0	NNW	7	og	52	*	*	*	*	*	*	*	*	1034.3	0	NW	4	c	54	82	7	2-3000	St. Cu	8	-	4	
Anglesey (Llangefni)	1020.9	+3	N	5	0	51	75	8	1-1500	St.	10	-	-	6	1022.7	+3	N	4	0	51	75	4	1-1500	St. Cu	5	4	6	
Falmouth														*	1026.7	+2	NW	6	0	52	65	6	-	CuNb	10	-	*	
Calshot (Hants)														*	1020.3	+1	NW	4	0	54	87	8	3-4000	St. Cu	10	-	6	
Capel (Folkestone)	1015.0	-3	NNW	4	od	50	87	5	-	Nb	8	-	-	5	1016.7	+4	NNW	6	c	51	75	6	3-4000	St. Cu	5	2	5	
Aberdeen	1010.7	+3	N	5	T	49	98	4	1-1500	Nb	10	-	-	*	1015.5	+5	NW	4	0	51	82	7	-	CuNb	10	-	3	
East Fortune	1013.4	+2	NNW	3	og	52	75	*	1-1500	St. Cu	9	-	-	*	1011.6	+3	NW	4	v	53	65	7	3-4000	St. Cu	10	-	*	
Howden														*	1015.3	+4	NW	3	Tog	51	82	6	1-1500	St. Cu	10	-	*	
Felixstowe	1012.8	-2	WNW	5	og	52	98	4	3-4000	CuNb	10	-	-	6	1014.6	+3	WNW	4	0	54	92	6	1-1500	St. Cu	6	-	4	
Cranwell (Lines)	1016.5	-1	WNW	3	bcq	52	87	5	1-1500	CuNb	3	-	-	*	1015.6	+3	WNW	4	0	51	87	7	3-4000	St	10	-	*	
Bedford														*	1016.9	+3	NW	4	q	53	75	2	3-4000	St	10	-	*	
Benson														*	1018.3	+3	NW	4	0	50	87	5	-	Cu	10	-	*	
London														*	1018.0	+4	WNW	5	0	53	75	6	-	St. Cu	10	-	*	
M.O. at Jul	1016.2	0	SW	4	0	53	*	*	*	*	*	*	*	*														

STATIONS CONTRIBUTING REPORTS AT 7h AND 19h.																							
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea.	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.		
	at M.S.L.					at M.S.L.	Change in 3 hours.	Temp.	Change in 24 hours.	Direc.	Force 0-12.					M. x. °F.	Min. °F.	Morning.	Afternoon.	Night.			
	m.b.	°F.	Direc.	Force 0-12.		m.b.	°F.	°F.	°F.														
	19h. G.M.T. of 23 <sup>rd</sup>					7h. G.M.T. of 24 <sup>th</sup>					24 HOURS ENDED 7h. 24 <sup>th</sup>					23 <sup>rd</sup>							
Lerwick	1006.9	51	N	4	om	1013.8	+2	49	-2	NNE	5	-	om	4	1	55	47	om	om	om	*		
Stornoway	1014.4	50	NNW	7	og	1020.4	+1	49	-3	NNW	5	-	0	4	3	55	47	cq	cq. c. og	or. or	4.8		
Castell Bay (Barra Is)	1018.6	51	NW	6	0	1022.9	+1	50	-2	NW	4	NW	bc	4	0.3	52	49	op	op. o	o. bc	0.1		
Glasgow	1011.1	51	WNW	5	bc	1019.1	+6	50	0	W	4	N	bc	*	Trace	56	46	cbq	cbq. q	c. o. c. bc	4.4		
Malin Head	1011.3	52	NW	7	opmg	1023.5	+2	51	+1	NNW	6	N	bc	6	0.3	53	50	cmqf	cmqf	bcmg	0.6		
Blacksod Point	1027.1	53	NW	7	bc	1029.7	+1	52	+1	NW	4	-	c	4	-	55	47	bcmg	bcmg. bcq	bcm. og	*		
Roche's Point	1027.0	57	NNW	6	bc	1029.2	+1	53	0	NW	5	-	0	3	-	59	51	a. c	a. c. bc	o. c. o	*		
Birr Castle	1025.9	55	W	3	c	1027.5	*	52	0	NW	2	NW	c	*	-	61	46	c	c	c	7.7		
Donaghadee	1017.1	52	NW	7	opmg	1022.4	+2	52	0	NW	6	NW	c	6	4	56	49	opmg	opmg	cmqf	*		
Liverpool (Bidston)	1015.2	52	W	8	0	1019.3	+2	51	-1	WNW	6	W	0	5	1	57	49	o. bcq	opq	opv	3.1		
Holyhead	1019.4	54	NW	7	cpq	1022.2	+1	53	+1	NNW	7	N	c	6	0.3	57	50	cpq	cpq. cpq	cq	2.7		
Pembroke (St. Ann's Head)	1023.5	57	NW	5	bc	1025.5	+3	51	-1	NNW	6	NW	bcq	5	-	58	50	og	og. c. bcq	bcq	5.9		
Scilly (St. Mary's)	1028.1	58	NNW	5	bc	1028.5	0	54	-1	NNW	6	N	c	5	-	60	50	o. c	c. bc	bc. c	7.0		
Jersey (St. Aubin)	1023.7	59	NW	4	0	1024.1	0	55	-3	NW	4	NW	bc	3	-	62	52	o	a. c. o. c. b	b	4.0		
Portland Bill	1022.4	59	WNW	5	0	1021.4	+2	55	-2	NW	6	-	c	5	-	62	52	o	o	cq	*		
Dungeness	1015.8	62	W	4	c	1015.0	+3	54	-4	WNW	4	NW	c	4	1	66	50	c	c. bc	cpq. pc	*		
Wick	1008.1	51	NNW	4	c	1015.9	+4	50	0	NNW	4	-	0	3	5	53	48	om	om. c	c. om	*		
Nairn	1010.6	52	N	4	c	1018.0	*	49	-3	NNW	2	-	bc	3	2	56	48	og	og. cpq	gpt. c	1.0		
Leith	1009.7	56	NW	5	c	1016.6	+2	55	+1	NNW	4	N	c	3	0.4	60	51	cp. pc	cq. upc	cq. cu. c	*		
Tynemouth	1007.7	59	WNW	5	cq	1015.7	+5	53	+1	NNW	7	NW	c	5	2	60	52	cq	cq	og. bc	*		
Spurn Head	1010.3	56	WNW	8	cq	1013.1	+2	52	-3	NW	6	-	0	5	3	59	49	cpq	cq	cq. or	0.0		
Yarmouth (Gorleston)	1012.4	58	NW	5	bc	1011.4	+2	51	-8	NW	5	-	c	4	4	61	50	bcm. cq	cpq. bc	cq. p	3.5		
Clacton-on-Sea	1015.0	56	W	4	bc	1014.9	+3	53	-5	WNW	4	-	c	4	2	63	49	cy	op. bc	bc. cp	2.6		
Nottingham	1014.9	54	WNW	5	c	1017.1	*	52	-1	NW	4	NW	0	*	Trace	62	50	ob. c	c. ob	c. o	3.0		



# SUMMARY OF CONDITIONS AT 7 A.M. Tuesday, 24th June, 1919

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

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

A depression over the Southern North Sea is moving eastwards and will cause NW. to N. winds and showery weather.

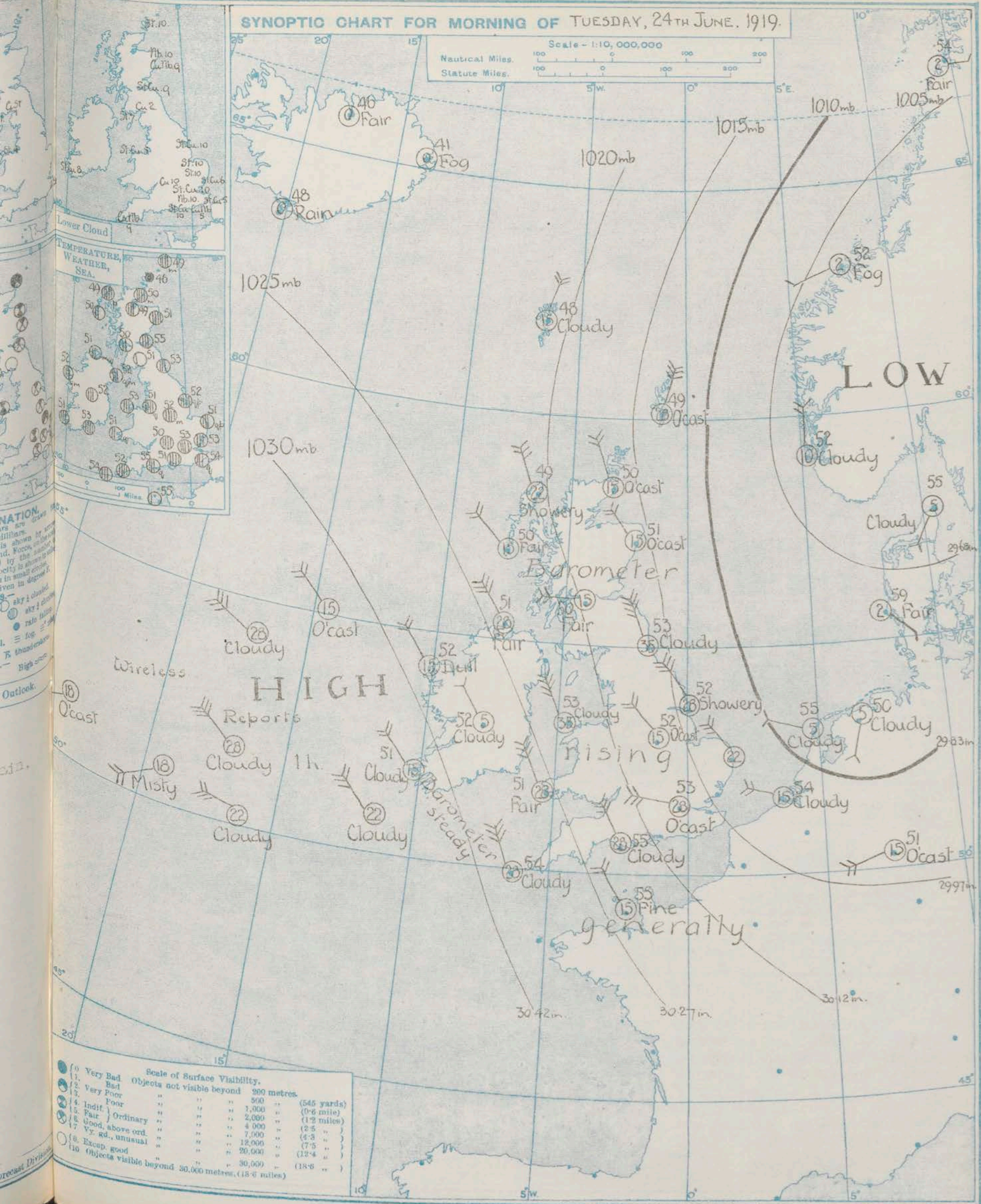
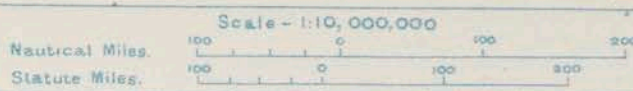
**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of five millibars.  
**WIND.**—Direction is shown by arrow lying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in small circles per hour by figures in small circles.  
**TEMPERATURE.**—Isobars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

Further Outlook

Districts.	Forecasts for the 24 hours commencing 3 p.m. Tuesday, 24th June, 1919
1. S.E. England	Fresh or strong NW. to N. winds moderating gradually.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	Cloudy, some showers, improving. Good visibility.
7. North Wales	
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Cool.
12. S.W. Scotland	
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	
16. Orkneys and Shetlands	Moderate or fresh NW. winds. Cloudy, some showers.
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	



SYNOPTIC CHART FOR MORNING OF TUESDAY, 24<sup>TH</sup> JUNE, 1919.



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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 75. B

Tuesday  
24th June 1919

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-19h. 22nd.	Day. 9h-17h. 23rd.	to 17h. 23rd.	Sunrise to Sunset. 23rd.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-19h. 23rd.	Day. 9h-17h. 24th.	to 17h. 24th.	Sunrise to Sunset. 24th.
Scotland, Banff ... ..	c.c	r.	57	45	0.3	3	0.5	?	England, N.W. Southport ... ..	c.c	c.c, g. o	57	52	1	1	3.4	0.2
Montrose ... ..	*	*	63	48	-	1	2.5	?	Blackpool ... ..	*	*	59	52	3	1	3.4	?
St. Andrews ... ..	*	*	63	47	-	-	6.9	?	Douglas (I. of Man) ... ..	*	*	55	49	3	6	5.5	?
Oban ... ..	c. or	or	52	49	2	1	0.0	?	England, N.E. Harrogate ... ..	c. bc	bc c	59	48	1	-	4.3	0.8
England, N.E. Harrogate ... ..	c. bc	bc c	59	48	1	-	4.3	0.8	Skegness ... ..	o	bc o	62	54	-	-	4.3	?
Skegness ... ..	o	bc o	62	54	-	-	4.3	?	England, E. Felixstowe ... ..	bc	bc p	62	55	-	1	2.4	8.8
England, E. Felixstowe ... ..	bc	bc p	62	55	-	1	2.4	8.8	Walton-on-Naze ... ..	o, c	c. op	64	56	-	1	1.7	9.7
Walton-on-Naze ... ..	o, c	c. op	64	56	-	1	1.7	9.7	Southend-on-Sea ... ..	o, c	c. op	64	56	-	1	1.7	9.7
Southend-on-Sea ... ..	o, c	c. op	64	56	-	1	1.7	9.7	England, S.E. Folkestone ... ..	*	*	66	58	-	0.3	5.0	?
England, S.E. Folkestone ... ..	*	*	66	58	-	0.3	5.0	?	Brighton ... ..	c. bc, c	c	64	52	-	-	2.7	11.2
Brighton ... ..	c. bc, c	c	64	52	-	-	2.7	11.2	Margate ... ..	*	*	63	50	-	-	3.4	8.6
Margate ... ..	*	*	63	50	-	-	3.4	8.6	Ramsgate ... ..	*	*	63	50	-	-	3.4	8.6
Ramsgate ... ..	*	*	63	50	-	-	3.4	8.6	Hastings ... ..	o, bc	bc, c	66	53	-	-	4.2	11.1
Hastings ... ..	o, bc	bc, c	66	53	-	-	4.2	11.1	Eastbourne ... ..	bc	bc	64	54	-	-	4.6	10.9
Eastbourne ... ..	bc	bc	64	54	-	-	4.6	10.9	Worthing ... ..	c, bc	c	65	54	-	-	6.9	11.3
Worthing ... ..	c, bc	c	65	54	-	-	6.9	11.3	Littlehampton ... ..	bc	bc	68	54	-	-	4.5	11.3
Littlehampton ... ..	bc	bc	68	54	-	-	4.5	11.3	Bournemouth ... ..	*	*	63	54	-	-	4.2	11.4
Bournemouth ... ..	*	*	63	54	-	-	4.2	11.4	England, S.W. Bournemouth ... ..	*	*	63	54	-	-	4.2	11.4
England, S.W. Bournemouth ... ..	*	*	63	54	-	-	4.2	11.4	Weymouth ... ..	c	c	64	57	-	-	2.2	?
Weymouth ... ..	c	c	64	57	-	-	2.2	?	Torquay ... ..	c, bc, c	c, bc, c	62	56	-	-	5.2	9.2
Torquay ... ..	c, bc, c	c, bc, c	62	56	-	-	5.2	9.2	Penzance ... ..	c	bc, c	62	54	1	-	5.0	6.0
Penzance ... ..	c	bc, c	62	54	1	-	5.0	6.0	Newquay ... ..	c	bc, c	60	44	-	-	4.5	?
Newquay ... ..	c	bc, c	60	44	-	-	4.5	?	Weston-s-Mare ... ..	bc, c	bc, c	60	55	-	-	2.0	?
Weston-s-Mare ... ..	bc, c	bc, c	60	55	-	-	2.0	?	Bude ... ..	o, c, bc	bc	64	53	0.1	-	5.4	?
Bude ... ..	o, c, bc	bc	64	53	0.1	-	5.4	?									

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass ° F.	RAINFALL.		Sun. Hours		No.	Limits of Velocity.	
	7h-13h....	13h-18h....	18h....-1h....	1h-7h....				Day. 7h-13h	Night. 13h-7h				Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)...	r. f	v. o	of. r	of. r	52	45	*	*	*	*	b	0	Less than 1	Less than 0.8
Eskdalemuir ... ..	r. om	og. c. or	of. r	of. r	54	45	43	0.3	-	1.9	bc	1	1-8	0.8-3.3
†Stranraer ... ..	rh	rsq	o	c. or	59	49	*	*	*	*	c	2	4-7	3.4-5.1
†Lough Foyle ... ..	rh	rsq	o	c. or	59	49	*	*	*	*	d	3	8-12	5.1-7.9
Valencia (Cahirciveen) ...	op. c	op. bc, c	bc	c	57	52	50	-	-	6.2	e	4	13-18	8.0-10.7
†Anglesey (Llangefni) ...	bc	c. p	o. g	o. c. o	57	49	*	*	*	*	f	5	19-24	10.9-15.5
Falmouth ... ..	of	c. bc, c	bc, c	c. or	61	50	44	-	-	7.1	g	6	25-31	15.9-17.1
†Calshot (Hants) ... ..	o	c. o	bc, c	c. or	62	51	*	*	*	*	h	7	32-38	17.2-20.7
†Capel (Folkestone) ... ..	c. o	v. c. o	r. v	c. op. o	63	54	*	*	*	*	i	8	39-46	20.8-24.4
Aberdeen ... ..	c. o, g	op. g	r. g	c. op, g	61	49	47	2	2	2.9	m	9	47-54	24.5-28.4
†East Fortune ... ..	v. g	p. v	g	v. g	61	50	*	*	*	*	o	10	55-63	28.5-33.3
†Howden ... ..	c. o	c. o	c. or	c. or	63	48	*	*	*	*	p	11	64-75	33.6 or above
†Felixstowe ... ..	c. g	g	p	c. or	62	50	*	*	*	*	q			
†Cranwell (Lincs) ... ..	p. c. o	p. c. o	p. c. o	bc. c. o	61	49	*	*	*	*	r			
†Bedford ... ..	up	up	up	om, g	63	49	*	*	*	*	rs			
Benson ... ..	bc, o, bc	bc, o, bc	bc, o, bc	bc, o, bc	63	49	41	-	0.4	*	s			
London (Kew Obsy.) ... ..	o. c. o	c. op, bc, o	o. c. p. bc, o	bc, o	62	50	47	0.2	0.4	4.6	t			

**BEAUFORT NOTATION.**

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

bc sky partly cloudy (one half covered).

c generally cloudy (three quarters covered).

d drizzle, or fine rain.

e wet air without rain falling.

f fog. g gloom.

h hail. i lightning.

m mist.

o overcast sky.

p passing showers.

q squalls.

r rain.

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

s snow.

t thunder.

u ngly, threatening sky.

v unusual visibility.

w dew.

x hoar frost.

y dry air, humidity less than 60 per cent.

z dust haze; the turbid atmosphere of dry weather.

**THE BEAUFORT SCALE OF WIND FORCE.**

Limits of Velocity.

No.	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.8
1	1-8	0.8-3.3
2	4-7	3.4-5.1
3	8-12	5.1-7.9
4	13-18	8.0-10.7
5	19-24	10.9-15.5
6	25-31	15.9-17.1
7	32-38	17.2-20.7
8	39-46	20.8-24.4
9	47-54	24.5-28.4
10	55-63	28.5-33.3
11	64-75	33.6 or above
12	Above 75	33.6 or above

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

**SYMBOLS—**

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

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	Rain- fall. Inch.	Sun- shine to Sunset. Hours.	Humidity %.		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR SEASONS IN THE UNITED KINGDOM.				
	Morning.	Afternoon.	Night.						15h. G.M.T.	9h. G.M.T.		1919.				
	24 HOURS ENDED 9h G.M.T.								YESTERDAY.	TODAY.	24th, 25th June					
Greenwich (Royal Observatory)	c. o. c	cp	c	67	50	46	1	5.9	51	69	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise.	Noon.	Sunset.	
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	4.8	*	*		G.M.T.	G.M.T.	G.M.T.		
Westminster (St. James's Park)	*	*	*	65	51	47	-	5.5	67	80		11.55	1.10	8.18		
" (Admiralty Arch)	c, g, v	c, g, p	c, g	65	51	*	Trace	5.8	58	75	Total ..... 16.09 ..... Joules.  Milliwatts.	Yarmouth...	3.32	12.2	8.14	
Camden Sq. (British Rainfall)	c. bc.	bc, c, p	*	66	50	48	1	5.9	50	66		Greenwich	3.45	12.2	8.19	
Kensington Palace ... ..	c	cp	*	64	50	48	0.2	*	*	68		Wick	3.8	12.4	8.22	
Richmond Park .. ..	*	*	*	*	*	*	*	*	*	*	Average Rate.	27.0	Wick	3.8	12.4	8.3
											Maximum Rate.	97	Valencia ..	4.23	12.43	8.5

## NOTES ON THE WEATHER OF YESTERDAY.

Temperatures were rather low, nowhere reaching 70°. In Scotland, Ireland and Wales, the maximum temperatures were mostly below 60°. Showers occurred in many parts of the country, most rain falling in Scotland. Wick recorded 5 mm., Donaghadee 4 mm. and Stornoway 3 mm. of rain. The weather was mostly cloudy and

sunshine records were rather poor. Birt Castle (Ireland) reported 7.7 hours sunshine, Falmouth 7.1 hours and Seilly 7 hours.



S. DAY  
ME 1919METEOROLOGICAL OFFICE, LONDON:  
DAILY WEATHER REPORT, BRITISH SECTION.No. 21,048 WEDNESDAY, 25<sup>TH</sup> JUNE 1919.

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

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																																							
STATIONS	BAROM. at M.S.L. m.b.	↑ Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY. 0-10.	HEIGHT of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		SEA 0-9.	BAROM. at M.S.L. m.b.	↑ Change in 3 hours.	WIND.		WEATHER.	TEMP. °F.	HUMIDITY. %	VISIBILITY. 0-10.	HEIGHT of Low Cloud. Feet.	Low Cloud.		Upper Cloud.		SEA 0-9.											
			Force 0-12.	Dir.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Form.	Amt. 0-10.																					
			Force 0-12.	Dir.						Form.	Amt. 0-10.	Form.	Amt. 0-10.				Form.	Amt. 0-10.																					
13H. G.M.T. OF 24 <sup>TH</sup>															19H. G.M.T. OF 24 <sup>TH</sup>																								
Houton B. (Orkney)	1018.3	+2	N	6	0	50	87	5	2-3000	St Cu	10	-	-	4	1018.8	+1	N	6	0	47	87	6	2-3000	St Cu	10	-	-	4											
Eskdalemuir	1018.4	0	NW	4	0	55	65	8	2-3000	St Cu	9	-	-	*	1017.5	-1	WNW	5	0	53	55	3	5-7000	hb	1	Ac	7	*											
Stranraer	1021.5	0	NW	6	bc	53	75	8	3-4000	Cu	4	Cu	1	*	1019.7	-4	NW	3	0	51	87	8	4-5000	St	9	Ac	1	*											
Lough Foyle	1023.9	0	WNW	3	0	52	82	5	2-3000	St	10	-	-	3	1025.8	-4	W	3	0	56	92	5	-	St	10	-	-	3											
Valencia (Cahire'n)	1029.4	-4	WSW	2	om	54	98	5	4-500	St	10	-	-	3	1025.8	-4	W	3	0	56	92	5	-	St	10	-	-	3											
Anglesey (Llangefnog)	1023.6	0	N	4	c	55	65	7	2-3000	St Cu	7	Ci	1	6	1024.9	-4	WNW	5	cq	59	75	5	-	Cu	6	Ci	1	*											
Falmouth	1027.3	0	NW	5	c	59	65	6	-	Cu	8	-	-	*	1024.9	-4	WNW	5	cq	59	75	5	-	Cu	6	Ci	1	*											
Calshot (Hants)	1021.8	+1	NW	4	0	59	87	6	3-4000	St Cu	10	-	-	5	1020.1	-2	NW	4	0	59	82	7	4-5000	St Cu	9	Ac	1	5											
Capel (Folkestone)	1018.2	+1	NNW	5	od	54	87	4	4-1000	Cu hb	10	-	-	5	1018.5	0	NNW	4	od	53	75	4	2-3000	St	8	-	-	5											
Aberdeen	1017.0	+1	NNW	5	bc	55	80	8	-	Cu	5	-	-	3	1017.3	0	NNW	4	c	53	55	8	-	Cu hb	8	-	-	3											
East Fortune	1017.8	0	NNE	2	rf	54	82	5	3-4000	hb	9	-	-	*	1015.2	0	ENE	2	om	51	92	5	14-2000	St Cu	10	-	-	*											
Howden	1018.6	+4	NNE	4	0	55	82	6	2-3000	St Cu	10	-	-	*	1015.2	0	ENE	2	om	51	92	5	14-2000	St Cu	10	-	-	*											
Felixstowe	1017.2	+2	NW	5	or f	55	92	4	-	hb	10	-	-	5	1017.9	0	NW	3	or f	55	98	4	-	hb	10	-	-	3											
Cranwell (Lines)	1017.7	+2	NW	5	or f	58	92	5	2-3000	St Cu	10	-	-	*	1018.0	+1	WNW	2	or	51	98	4	1-650	hb	10	-	-	*											
Bedford	1018.7	+2	NW	3	om	51	75	2	3-4000	St	10	-	-	*	1018.7	0	NW	4	cq	58	65	3	3-4000	St	7	-	-	*											
Benson	1019.8	+1	NW	4	0	55	75	4	1-1500	*	*	*	*	*	1019.6	-1	NNW	4	bc	57	65	6	-	Cu	2	Ci	2	*											
London (Kew Obs.)	1020.0	+2	WNW	3	om	55	65	6	-	St Cu	8	Ac	2	*	1019.4	-1	NW	4	c	59	55	7	-	St Cu	6	Ac	1	*											
1H. G.M.T. OF 25 <sup>TH</sup>															7H. G.M.T. OF 25 <sup>TH</sup>																								
Houton B. (Orkney)	1018.3	-1	NNW	5	0	43	98	5	2-3000	St Cu	5	Ac	3	3	1018.1	-1	N	6	0	45	98	4	14-2000	St	5	Ac	3	4											
Eskdalemuir	1017.8	-1	N	1	0	46	87	7	-	St Cu	10	-	-	*	1017.8	+1	NNE	3	c	48	75	7	-	Cu	3	Ac	4	*											
Stranraer	1017.6	-2	-	0	bc	46	98	5	3-4000	St	3	Ac	1	*	1017.8	+1	NE	1	T	50	87	7	2-3000	St	7	Ac	3	*											
Lough Foyle	1021.4	-3	WNW	6	0	53	*	*	*	*	*	*	*	*	1020.0	+2	N	3	0	50	92	6	2-3000	St	8	-	-	*											
Valencia (Cahire'n)	1021.4	-3	WNW	6	0	53	*	*	*	*	*	*	*	*	1019.8	+1	NW	5	od	54	92	4	4-500	St	10	-	-	4											
Anglesey (Llangefnog)	1018.6	-3	-	0	od	48	98	*	<500	St	10	-	-	3	1016.9	+1	NE	1	do	49	92	6	1-1500	St	10	-	-	3											
Falmouth	1019.0	-7	SW	3	or	55	98	5	-	hb	10	-	-	*	1014.7	-2	NW	4	do	55	98	4	-	hb	10	-	-	*											
Calshot (Hants)	1018.2	-2	W	2	0	53	98	6	4-5000	St Cu	10	-	-	3	1015.5	-3	ENE	1	b	51	92	4	3-4000	hb	10	-	-	4											
Capel (Folkestone)	1017.1	-3	NW	1	c	49	75	8	-	St	10	-	-	3	1015.1	-1	NE	3	0	46	92	4	1-1500	St	10	-	-	3											
Aberdeen	1016.9	0	NNE	2	0	46	92	5	3-4000	St Cu	9	-	-	*	1017.4	0	NW	4	c	50	75	7	-	Cu hb	8	-	-	3											
East Fortune	1017.9	-1	-	0	c	45	92	*	4-5000	St Cu	8	-	-	*	1018.2	+3	N	1	c	50	75	6	4-5000	St Cu	6	Ac	2	*											
Howden	1014.0	-1	WNW	1	0	47	98	4	4-5000	St Cu	10	-	-	*	1013.5	0	NNW	1	0	48	92	4	2-3000	St Cu	8	-	-	*											
Felixstowe	1016.2	-1	WNW	3	0	52	92	*	-	Cu hb	10	-	-	3	1014.5	-2	NNW	2	0	52	92	5	2-3000	St Cu	8	-	-	3											
Cranwell (Lines)	1016.2	-2	WNW	1	om	47	98	4	2-3000	St	10	-	-	*	1015.6	-1	NNW	2	0	49	87	5	4-500	St	6	Ac	3	*											
Bedford	1016.2	-2	WNW	1	om	47	98	4	2-3000	St	10	-	-	*	1015.6	-1	N	1	0	53	75	-	7-1000	St Cu	3	Ac	6	*											
Benson	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.5	-2	N	1	0	52	87	4	4-500	Cu	10	-	-	*											
London	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1014.5	-2	N	1	0	52	87	4	4-500	Cu	10	-	-	*											
London (Kew Obs.)	1017.3	-1	WSW	1	op	49	*	*	*	*	*	*	*	*	1015.2	-1	N	2	0	52	75	5	-	St Cu	4	Ac	6	*											
STATIONS CONTRIBUTING REPORTS AT 7H AND 19H.																																							
STATIONS	BAROM. at M.S.L. m.b.	TEMP. °F.	WIND.		WEATHER.	BAROMETER at M.S.L. m.b.	↑ Change in 3 hours.	TEMPERATURE.		WIND.		Dir. of Upper Cloud.	WEATHER.	SEA 0-9.	RAINFALL mm.	TEMP.		WEATHER.			Sunshine Hours.																		
			Force 0-12.	Dir.				Temp. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.																			
19H. G.M.T. OF 24 <sup>TH</sup>															7H. G.M.T. OF 25 <sup>TH</sup>															24 HOURS ENDED 7H. 25 <sup>TH</sup>									
Lerwick	1016.1	49	N	6	0	1015.7	0	47	-2	N	7	M	cm	5	-	51	45	om	om.0	om	0.4	0.4																	
Stornoway	1020.1	50	ENE	3	0	1020.8	+1	50	+1	NNW	3	-	0	2	trace	55	49	o.c	c.o	op.c	6.3	6.3																	
Castell Bay (Barrals)	1020.1	50	NW	3	0	1021.2	+3	50	0	N	3	-	c	3	trace	53	48	bc.c	op	op.c	8.8	8.8																	
Glasgow	1018.3	52	WNW	3	0	1018.2	+1	50	0	E	2	M	bc	*	trace	61	46	bc.c	bc.c	op.c	3.3	3.3																	
Malin Head	1020.7	50	NW	2	cpm	1018.7	+1	50	-1	NNW	3	NE	cq	4	1	53	48	bcq	cmq	cp	*	*																	
Blacksod Point	1020.4	53	WSW	3	or f	1018.4	+3	51	-1	NNE	4	-	omd	4	10	55	47	om	adm	of of d	*	*																	
Roche's Point	1024.5	59	W	2	0	1017.7	-1	55	+2	W	2	-	0	2	1	61	53	o.c	op.0	or.0	*	*																	
Birr Castle	1022.7	54	W	1	T	1016.7	*	54	+2	W	1	-	0	1	12	61	52	e.	c.or	c.or	3.6	3.6																	
Donaghadee	1020.4	52	N	2	adm	1017.6	+1	50	-2	NNE	3	N	cgrn	3	trace	58	48	bcq	bcgrn	od.0-cm.	*	*																	
Liverpool (Bidston)	1020.1	53	W	3	0	1016.5	+1	51	0	ENE	1	-	og	1	-	57	50	b	c.o	c.o	2.5	2.5																	
Holyhead	1021.1	55	WNW	5	og	1016.6	+1	50	-3	N	3	-	ogd	1	1	60	47	cq	bc.c	op.d	7.5	7.5																	
Pembroke (St. Ann's Head)	1023.4	54	WSW	4	og	1015.7	+1	52	+1	NE	1	-	odm	2	6	58	51	bcq	bcq	or.og	10.0	10.0																	
Scilly (St. Mary's)	1026.8	55	NW	5	c	1016.8	-3	55	+1	NW	5	NW	0	6	5	60	53	c	c	om.f	5.9	5.9																	
Jersey (St. Aubin)	1024.0	58	WNW	5	b	1014.7	-3	54	-1	S																													



# SUMMARY OF CONDITIONS AT 7 A.M. Wednesday, 25th June, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	Variable 2-10	Rather cool	Variable sky	Var.	Slight
2. E. England	NW-N. 5-15	"	Fair to dull	Ord.	"
3. E. Midlands	Var. 2-5	"	Cloudy or dull.	"	"
4. W. Midlands	NE-E. 2-10	"	Cloudy or dull.	"	"
5. S.W. England	NW-NE. 15-21	Moderate	Dull with drizzle, local mist.	"	Mod.
6. South Wales	NE. 2-5	"	Dull, drizzling, misty.	"	Smooth
7. North Wales	N-NE. 2-10	Rather cool	Dull, slight rain.	Good	"
8. N.W. England	NE-E. 2-10	"	Cloudy or dull.	"	"
9. N. Midlands	NW-NE. 2-10	"	Cloudy or dull.	Ord.	"
10. N.E. England	NW-N. 5-15	"	Cloudy or dull, squally.	"	Mod.
11. E. Scotland	W-N. 5-15	"	Cloudy, local rain.	Good	Slight
12. S.W. Scotland	NE-E. 2-10	"	Fair to cloudy, slight local rain.	V. good	"
13. Isle of Man	N-E. 2-10	"	Cloudy or dull, local drizzle.	Good	Smooth
14. N. & N.W. Scotland	NW-N. 2-10	"	Cloudy, local showers & mist.	"	"
15. Hebrides	N. 10	Moderate	Cloudy or dull.	"	Slight
16. Orkneys and Shetlands	N. 35	Rather cool	Dull, local mist.	Ord.	Rather rough
17. N.W. Ireland	NNE. 15	"	Dull, drizzle, local mist.	Good	Moderate
18. N.E. Ireland	N-NE. 10-15	Moderate	Cloudy or dull, local mist.	"	Slight
19. S.E. Ireland	W-N. 2-5	"	Dull, local rain.	"	Smooth
20. S.W. Ireland	W-NW. 10-20	"	Dull, local drizzle.	Ord.	Moderate

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

A depression situated over Denmark and a high pressure system off the west of Ireland will cause NW NE winds over the country. Small irregular secondaries are likely to cause showers in most parts of the British Isles.

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

Farther Outlook.

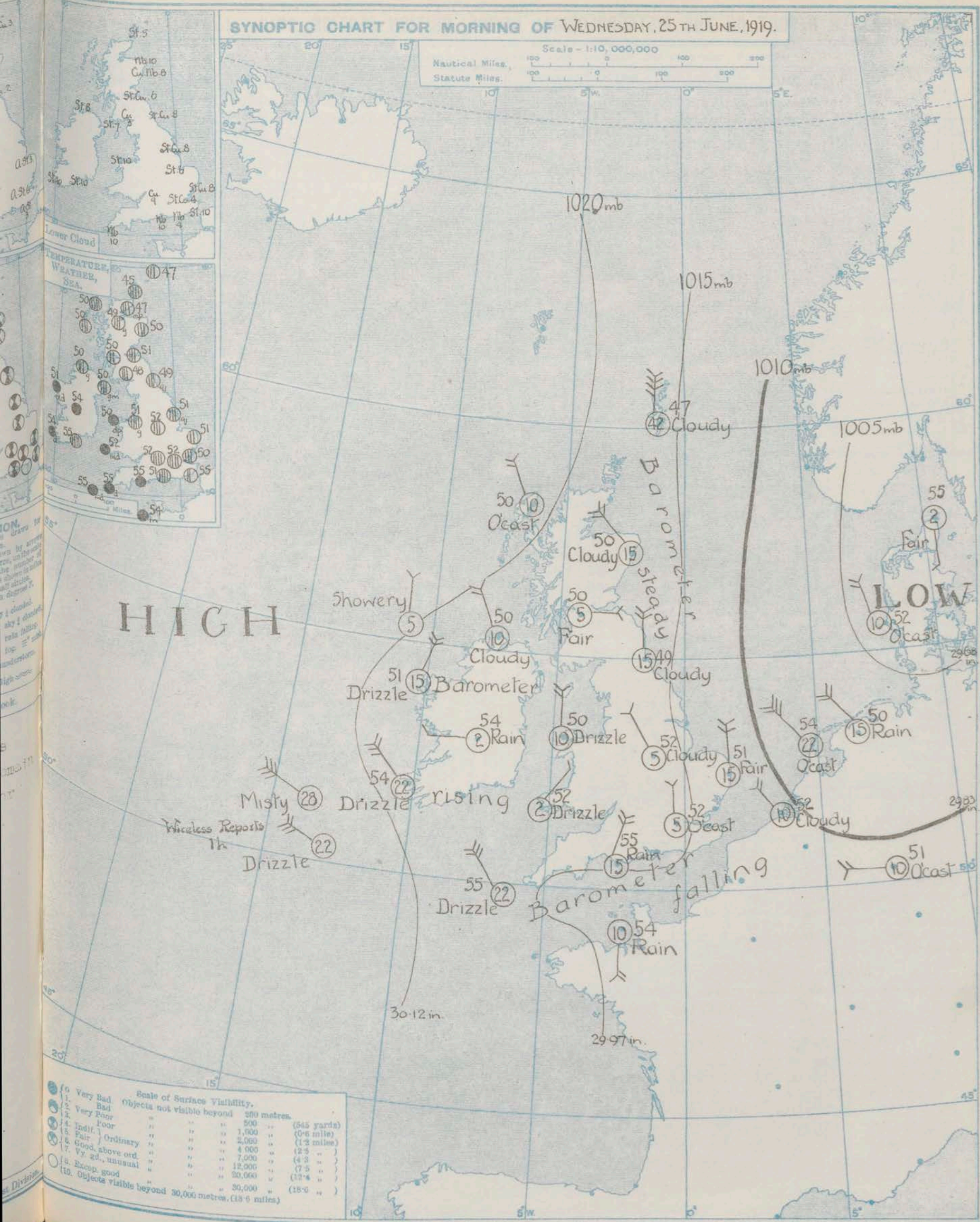
Districts.	Forecasts for the 24 hours commencing 3 p.m. Wednesday, 25th June, 1919
1. S.E. England 2. E. England 3. E. Midlands 4. W. Midlands	Light or moderate winds between N. and NW. Cloudy or dull, some showers. Cool.
5. S.W. England 6. South Wales 7. North Wales 8. N.W. England 9. N. Midlands 10. N.E. England 11. E. Scotland 12. S.W. Scotland 13. Isle of Man	Light or moderate winds between NW. and NE. Cloudy or dull, some showers. Cool.
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	Moderate or fresh winds between N. and NW. Cloudy or dull, some showers. Cool.

Conditions likely to remain unsettled for the present.



# SYNOPTIC CHART FOR MORNING OF WEDNESDAY, 25TH JUNE, 1919.

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



HIGH

LOW

## Scale of Surface Visibility.

Symbol	Description	Distance in metres	Distance in yards
1	Very Bad	500	(545 yards)
2	Bad	1,000	(1,090 "
3	Very Poor	2,000	(2,180 "
4	Poor	4,000	(4,360 "
5	Indiff. / Ordinary	7,000	(7,640 "
6	Fair	12,000	(13,120 "
7	Good, above ord.	20,000	(21,870 "
8	Vy. gd., unusual	30,000	(32,800 "
9	Except. good	50,000	(54,680 "
10	Objects visible beyond 30,000 metres	30,000	(32,800 "



STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		Rainfall.		SUNSHINE.			
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 12h-9h.	Day. 9h-12h.	to 17h.	Sunrise to Sunset.		
Scotland,	Banff ... ..	o	b.c	54	48	2	0.4	3.0	0.5	England, N.W.	Southport ... ..	a.c.b	b.c	57	50	0.1	-	6.2	3.4
	Montrose ... ..	*	*	63	49	2	-	3.4	2.5		Blackpool ... ..	*	*	59	50	1	-	6.8	3.4
	St. Andrews ... ..	*	*	57	50	1	2	0.9	7.8		Douglas (I. of Man)	*	*	56	47	1	-	8.2	5.5
	Oban ... ..	o	b.b.c.o	54	48	0.1	-	1.4	0.0										
England, N.E.	Harrogate ... ..	c.b	o.p	59	47	0.1	8	1.4	5.8	Midlands.	Buxton ... ..	r.c.b	b.c	55	46	6	-	1.8	4.7
	Skegness ... ..	o	o	59	49	-	-	1.7	4.5		Leamington Spa...	c.b	c.b.c	57	49	1	-	1.6	4.1
											Malvern ... ..	c	c	58	49	0.1	-	1.0	2.0
											Ross-on-Wye ... ..	og	c.o.c	63	50	-	-	2.3	6.0
England, E.	Felixstowe ... ..	o	b.c.p	59	50	-	1	1.2	2.7	Wales.	Rhyl ... ..	c.b.c	b.c	57	47	2	0.1	3.9	3.5
	Walton-on-Naze...										Colwyn Bay ... ..	*	*	57	50	-	-	4.9	1.8
	Southend-on-Sea...	o.p	o.p	59	50	2	0.1	1.3	2.5		Llandudno ... ..	c	c.b	58	49	1	0.1	5.0	1.1
											Aberystwyth ... ..	r.o.c	c.b	56	52	*	*	3.0	1.0
England, S.E.	Folkestone ... ..	*	*	59	48	2	-	2.1	5.3	England, S.W.	Ilfracombe ... ..	a.c.b	b.c	58	52	-	-	5.3	4.3
	Brighton ... ..	*	*	64	52	-	-	4.5	7.2		Teignmouth ... ..	a.c.b	b.c	62	51	-	-	9.0	4.8
	Margate ... ..	c	p	59	51	1	2	0.6	3.8		Paignton ... ..	*	*	62	50	-	-	4.0	3.7
	Ramsgate ... ..	b.c	a.c.o	57	49	4	1	2.3	3.7		Weymouth ... ..	c.o.c	c.b	66	52	-	-	3.7	7.4
	Hastings ... ..	o.p	b.c	59	51	1	-	2.8	5.9		Torquay ... ..	c.b	b	61	51	-	-	9.7	6.1
	Eastbourne ... ..	b.c	b.c	62	50	0.4	-	3.9	5.6		Penzance ... ..	c.b	b.c	61	52	-	-	7.4	
	Worthing ... ..	a.c	c	60	50	0.2	-	4.4	7.4		Newquay ... ..								
	Littlehampton ... ..	c	o	61	51	-	-	1.2	5.4		Weston-s-Mare ... ..								
	Bournemouth ... ..	*	*	62	49	-	-	2.0	4.8		Bude ... ..	*	*	60	50	-	-	5.9	5.6

STATIONS.	SUMMARIES FOR PAST 24 HOURS.									
	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.		Sun. Hours.
	7h-13h <sup>TH</sup>	13h-18h <sup>TH</sup>	18h-24h <sup>TH</sup>	1h-7h <sup>TH</sup>				Day. 7h-18h	Night. 18h-7h	
†Houton Bay (Orkney)...	c.o	c.o	c.o	rh.g	51	43	*	*	*	*
Esksdalemuir ... ..	bc.c.o	c.g	g.om	o.c	58	39	*	*	*	*
†Stranraer ... ..	bc.c	g.c.o	c.o	c.o	55	43	*	*	*	*
†Lough Foyle ... ..	o		c.		55	47	*	*	*	*
Valencia (Cahirciveen) ...	c.o	c.o.od	or.d.od		56	53	53	1	3	0.1
†Anglesey (Llangefni) ...	c.g		o.r	c.o.r.	58	46	*	*	*	*
Falmouth ... ..	c.o	c.g.bc.g	o.r	ord	62	52	52	-	3	7.5
†Calshot (Hants) ... ..	bc.c.o	o	c	c.or	66	50	*	*	*	*
†Capel (Folkestone)...	c.o	d.m	rm	c.ou	58	46	*	*	*	*
Aberdeen ... ..	c.bc.o	bc.c.o	c.p.g.		57	46	43	-	1	7.6
†East Fortune ... ..	c.g.p		bc.c	bc.c	58	44	*	*	*	*
†Howden ... ..	rh.g	r.o	r.o	bc.c	58	40	*	*	*	*
†Felixstowe ... ..	rh.g	rh.g	rh.g	c.or	61	49	*	*	*	*
†Cranwell (Lincs) ... ..	a.p	p	pd.om	c.o.o.c	58	46	*	*	*	*
†Bedford ... ..	om.g	om.g		r.	59	47	*	*	*	*
Benson ... ..	o	o.bc		cr.	59	48	42	-	1	1.8
London (Kew Obsy.) ...	o	o.c	c.or.o.o		59	48	44	-	1	1.6

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

**THE BEAUFORT SCALE OF WIND FORCE.**  

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.3
3	8-13	3.4-5.4
4	14-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 76	33.6 or above

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

**SYMBOLS—**

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

LONDON. OBSERVATIONS.	WEATHER.			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.		25 <sup>th</sup> + 26 <sup>th</sup> J.O.M.E. 1919.				
	24 HOURS ENDED 9H G.M.T. 25 <sup>th</sup>							YESTERDAY.	TO-DAY.							
Greenwich (Royal Observatory)	o	o	or	61	48	42	1	1.2	68	70	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise.	Noon.	Sunset.	
City (Bunhill Row) ... ..	×	×	×	×	×	×	×	1.4	×	×		G.M.T.	G.M.T.	G.M.T.	G.M.T.	
Westminster (St. James's Park)	×	×	×	60	49	46	0.4	1.6	81	71	Yarmouth... {	3.32	11.55	8.18		
(Admiralty Arch	cg-o	c-op	ad-o	61	51	×	0.2	1.5	75	72		3.33	11.55	8.19		
Camden Sq. (British Rainfall)	c	c	×	62	49	47	1	2.5	62	67	Greenwich {	3.45	12.2	8.19		
Kensington Palace ... ..	×	×	×	60	48	44	0.1	×	3.	70		3.45	12.2	8.20		
Richmond Park .. ...	×	×	×	×	×	×	×	×	×	×	Total ..... 80.4 ..... joules.	Wick ... {	3.8	12.14	9.20	
											Milliwatts.		4.23	12.14	9.3	
											Average Rate. 13.5	Valencia ... {	4.23	12.43	9.3	
											Maximum Rate. 61		4.23	12.43	9.3	

Temperatures were low, the highest temperatures being reached in South-West England where Weymouth recorded a maximum temperature of 66°, but in most districts temperatures were below 60°. Showers occurred in many parts of the country and rain in Ireland where Birr Castle registered 12 mm. and Blacksod

Point 10 mm. North-West and South-West England and South Wales recorded the most sunshine, Pembroke 10 hours, Teignmouth over 9 hours and Blackpool over 7 hours; but elsewhere there was generally little sunshine.

\* Information for these columns not usually received.





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

No. 24035.B .Thursday..26<sup>th</sup>. June....1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																											
STATIONS.	BAROM.	Change	WIND.		Weather	TEMP.	HUMIDITY.	VISIBILITY.	Height	Low Cloud.	Upper Cloud.	Sea	BAROM.	Change	WIND.		Weather	TEMP.	HUMIDITY.	VISIBILITY.	Height	Low Cloud.	Upper Cloud.	Sea			
	at M.S.L. m.b.	in 3 hours.	Dir.	Force 0-12.		°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.	0-9.	at M.S.L. m.b.	in 3 hours.		Dir.	Force 0-12.	°F.	%	0-10.	Feet.	Form.	Amt. 0-10.	Form.	Amt. 0-10.
13H. G.M.T. OF ...25 <sup>TH</sup> ...													18H. G.M.T. OF ...25 <sup>TH</sup> ...														
Houton B. (Orkney)	1019.2	+1	N	7	o	46	82	6	2-3000	St. Cu	10	-	5	1020.3	+1	N	7	o	44	82	5	1-1500	St. Cu	10	-	-	5
Eskdalemuir ...	1017.8	0	N	2	cy	54	53	7	5-7000	St. Cu	6	2 Cu	2	1018.6	+1	ENE	3	bcu	52	75	10	-	cu	6	-	-	*
Stranraer ...	1018.8	+1	NW	3	bcu	57	75	6	3-4000	cu	3	cu	3	1019.2	-1	NNW	6	bcu	55	75	8	2-3000	cu	6	-	-	*
Lough Foyle ...	1021.8	+1	N	6	b	53	82	7	3-4000	cu	3	-	3	1023.6	+2	N	7	b	57	82	6	3-4000	cu	4	-	-	4
Valencia (Cahire'n)	1021.2	+2	NNE	5	c	58	82	10	15-2000	cu	6	cu	2	1024.8	+4	NNE	4	c	57	75	10	2-3000	cu	7	-	-	3
Anglesey (Llangefni)	1018.0	+1	NE	2	o	56	65	8	2-3000	St. Cu	7	2 Cu	2	1019.7	+1	NNE	4	bcu	54	75	8	3-4000	St. Cu	3	2 St	2	3
Falmouth ...	1015.5	+2	ENE	4	bcu	53	92	4	-	Nb.	10	-	*	1016.6	+1	N	5	cy	56	82	5	-	St	4	2 Cu	3	*
Calshot (Hants) ...	1014.6	-1	NE	2	o	56	87	6	4-5000	St. Cu	10	-	3	1014.8	0	NE	3	o	58	75	7	5-7000	St. Cu	7	2 Cu	2	4
Capel (Folkestone)	1013.6	-3	NNE	2	cu	57	65	8	3-4000	St. Cu	8	-	3	1014.0	-1	ENE	3	o	51	87	7	3-4000	St	6	2 Cu	3	3
Aberdeen ...	1017.1	0	N	4	bcu	52	58	8	-	cu	6	-	4	1018.8	+2	NNW	5	bcu	47	75	7	-	cu	6	-	-	4
East Fortune ...	1017.5	-1	N	3	cy	55	82	6	3-4000	Nb.	9	-	*	1019.0	+1	NNE	4	cy	52	75	7	5-7000	St. Cu	7	-	-	*
Howden ...	1013.3	0	NNE	5	o	55	65	6	2-3000	St. Cu	8	2 St.	1	1013.7	0	NNE	4	o	54	65	6	15-2000	St. Cu	8	-	-	*
Felixstowe ...	1014.3	0	N	3	o	57	75	6	5-7000	St. Cu	8	2 Cu	1	1014.2	0	N	6	c	54	87	7	4-5000	cu	5	2 St	2	4
Cranwell (Lincs)	1014.7	-1	N	3	o	52	98	5	2-3000	cu	9	-	*	1015.9	0	N	4	c	54	75	7	3-4000	cu	6	2 St	2	*
Bedford ...	1015.2	0	NNE	3	o	54	65	3	5-7000	St.	10	-	*	1016.0	+1	NNE	2	o	52	82	6	5-7000	St. Cu	9	-	-	*
Benson ...	1014.0	-1	NNE	3	o	58	55	5	-	-	-	-	*	1015.4	+1	NE	3	o	53	65	8	4-5000	St	10	-	-	*
London (Kew Ob.)	1014.3	-1	NNE	2	c	57	55	7	-	St. Cu	6	2 Cu	2	1015.4	+2	N	3	op	52	65	7	-	Nb	8	2 St	2	*
1H. G.M.T. OF ...26 <sup>TH</sup> ...													7H. G.M.T. OF ...26 <sup>TH</sup> ...														
Houton B. (Orkney)	1020.6	-1	N	7	o	42	92	6	2-3000	St. Cu	10	-	*	1021.2	0	N	5	o	43	87	6	3-4000	St. Cu	8	-	-	4
Eskdalemuir ...	1021.0	0	N	4	b	38	75	8	-	cu	1	-	*	1021.3	+1	N	4	bcu	47	65	8	-	cu	4	2	*	*
Stranraer ...	1022.1	+1	NNW	3	c	46	82	5	15-2000	St	7	-	*	1022.6	+1	NNW	4	bcu	49	75	8	3-4000	cu	2	1	*	*
Lough Foyle ...	1028.8	+4	NNE	5	bcu	57	*	*	*	*	*	*	4	1029.0	+2	N	3	c	53	75	8	3-4000	cu	3	2 Cu	5	3
Valencia (Cahire'n)	1020.6	+1	NE	3	b	47	92	*	15-2000	St. Cu	2	-	3	1022.4	+3	N	4	c	49	75	7	3-4000	St. Cu	6	2 St	1	5
Anglesey (Llangefni)	1020.5	+1	N	4	b	50	82	6	-	o	0	-	*	1022.6	+3	N	4	c	51	82	6	-	cu	7	-	-	*
Falmouth ...	1017.6	+3	NNW	3	o	49	98	6	5-7000	St. Cu	3	2 Cu	6	1019.6	+2	N	3	bcu	51	87	7	7-9000	cu	4	-	-	5
Calshot (Hants) ...	1015.2	0	NNE	4	b	45	92	8	4-5000	St.	3	-	3	1015.9	+1	NNE	6	c	48	75	6	4-5000	St. Cu	7	-	-	5
Capel (Folkestone)	1018.4	0	N	6	bcu	43	82	4	15-1000	Nb	10	-	*	1020.0	+2	NW	4	o	46	65	7	-	St. Cu	10	-	-	3
Aberdeen ...	1020.7	0	NNW	3	bcu	44	75	5	4-5000	St. Cu	5	-	*	1021.5	+1	NW	3	bcu	45	75	7	3-4000	St. Cu	7	-	-	*
East Fortune ...	1015.1	0	N	4	c	45	75	5	2-3000	St. Cu	7	-	*	1015.7	0	N	5	o	47	75	5	2-3000	St. Cu	10	-	-	*
Howden ...	1015.5	0	NNW	3	bcu	47	98	4	-	St.	6	-	4	1015.9	0	NNW	5	c	49	92	5	15-2000	St. Cu	7	-	-	4
Felixstowe ...	1017.5	+1	NNE	3	b	43	92	5	2-3000	St.	2	2 St.	1	1018.2	+1	N	5	bcu	47	82	7	2-3000	Fr. Cu	4	2 Cu	2	*
Cranwell (Lincs)	*	*	*	*	*	*	*	*	*	*	*	*	*	1018.4	+2	N	4	bcu	42	75	4	3-4000	St.	5	2 St	3	*
Bedford ...	1018.6	+2	N	4	bcu	48	65	4	-	cu	5	-	*	1018.6	+2	N	4	bcu	48	65	4	-	cu	5	-	-	*
Benson ...	1018.3	+2	NNW	4	o	48	65	5	-	St. Cu	5	2 Cu	4	1018.3	+2	NNW	4	o	48	65	5	-	St. Cu	5	2 Cu	4	*
London (Kew Ob.)	1016.9	+1	-	0	c	50	*	*	*	*	*	*	*														
(M.O. at Ld.)																											
STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.																											
STATIONS.	BAROM.	TEMP.	WIND.		Weather	BAROMETER.		TEMPERATURE.		WIND.		DIREC.	UPPER CLOUD.	SEA.	TEMP.		WEATHER.			SUNSHINE							
	at M.S.L. m.b.	°F.	Dir.	Force		at M.S.L. m.b.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Dir.	Force				Max. °F.	Min. °F.	Morning.	Afternoon.	Night.		Hours.						
13H. G.M.T. OF ...25 <sup>TH</sup> ...													7H. G.M.T. OF ...26 <sup>TH</sup> ...														
Lerwick	1017.8	46	N	6	o	1018.6	0	45	-2	N	5	-	om	5	-	51	43	om	omg	omg	*						
Stornoway	1024.5	50	NNE	5	c	1023.6	0	48	-2	NNE	2	-	o	1	-	53	42	o.c	c	c.o	8.0						
Castlebay (Barra Is)	1023.4	53	N	5	c	1024.8	0	50	0	NW	2	-	o	2	-	54	48	c.b	bc	cp.b.c.o	12.1						
Glasgow	1019.1	56	NNE	3	b	1021.9	+1	47	-3	NW	2	N	c	*	0.2	61	40	bcu	cap bc	b.b.c	8.9						
Malin Head	1023.1	51	N	5	bcu	1024.8	0	50	0	N	5	N	cq.p	5	0.2	53	48	bcu	bcu	cq	10.3						
Blacksod Point	1025.9	55	N	6	bcu	1027.5	-1	52	+1	NW	3	N	bc	3	-	56	45	c	bc	c.b.b.c.b	*						
Roche's Point...	1022.2	56	N	3	o	1026.9	+2	49	-6	N	3	-	b	2	0.3	64	47	op o	o.c.o	o.c.b	*						
Birr Castle	1023.0	57	NW	2	c	1027.5	*	51	-3	NW	2	-	bc	*	-	59	36	orc	c	bc	3.8						
Donaghadee	1019.6	54	N	5	bcu	1022.7	+1	50	0	N	6	N	bcu	6	-	57	47	cq.bcu	bcu	bcu	*						
Liverpool (Bilston)	1017.5	54	NW	3	bcu	1021.6	+3	49	-2	NNE	2	N	bcu	1	-	58	44	bc	bc	c.b.	3.6						
Holyhead	1019.5	55	NW	5	b	1022.5	+2	50	0	N	5	N	bcu	4	0.1	60	48	op.c.b	bc.c.b	b.b.c	5.8						
Pembroke (St. Ann's Head)	1018.8	55	N	4	bcu	1023.5	+4	50	-2	N	5	-	oq	4	5	57	47	adm. or	cu.bq	bq.cq	4.9						
Silly (St. Mary's)	1018.1	55	NNE	4	c	1024.0	+2	53	-2	N	4	N	c	4	0.2	59	50	adm	adm.c	bc.c	0.2						
Jersey (St. Aubin)	1013.6	52	NE	3	o	1019.4	+1	52	-2	NW	3	NW	cp	3	4	60	50	adm ad	adm.c.o	c.b.c.p	0.0						
Portland Bill	1014.7	54	ENE	3	o	1015.6	+2	53	-2	N	3	-	b	3	1	60	49	or	o	bc.b	*						
Dunegness	1013.1	54	NNE	3	c	1015.1	+1	51	-4	N	5	N	b	4	1	59	41	c	cq.c	cp.c.c	*						
Wick	1020.1	47	NNW	6	bcu	1020.8	+1	45	-2	NNW	5	-	om	4	4	51	44	cp chg	ompq	ompq	*						
Nairn	1021.6	48	NNW	4	c	1021.6																					

† Air Ministry Station.

\* Information for these columns not usually received.

‡ The barometric change is expressed in half millibars

§ Longside † at 1h.



# SUMMARY OF CONDITIONS AT 7 A.M.

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

## GENERAL INFERENCE from observations received up to

High pressure to the West and low pressure to the East will cause Northerly winds and cool weather. The barometer is falling in Iceland and the wind is like to back in the Northern and Western districts of the British Isles.

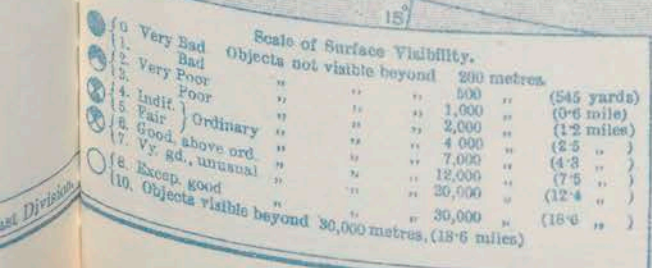
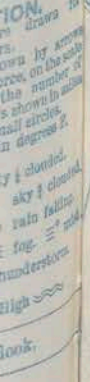
**EXPLANATION.**  
**BAROMETER.**—Isobars are drawn at intervals of five millibars.  
**WIND.**—Direction is shown by arrow flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Mean velocity is shown in small circles per hour by figures in degrees F.  
**TEMPERATURE.**—Temperature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

## Further Outlook.

Districts.	Forecasts for the 24 hours commencing 3 p.m. Thursday 26th June, 1919.
1. S.E. England	Fresh Northerly winds. Fair or cloudy with local showers.
2. E. England	Cool.
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Moderate or fresh winds between N and NW. Fair or cloudy with local showers. Cool.
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	Moderate winds between N and NW backing later. Cloudy some showers, cool.
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	Moderate winds between N and NW backing later. Variable cloud, some showers. Cool.
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Conditions are likely to remain unsettled.







# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 177. B

Thursday  
26th June 1919

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 25th

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h. 24h.	Day. 9h-17h. 25h.	to 17h. 25h.	Sunrise to Sunset. 24h.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-9h. 24h.	Day. 9h-17h. 25h.	to 17h. 25h.	Sunrise to Sunset. 24h.
Scotland, Banff ... ..	cp.o	bcp.o	52	46	1	0.3	3.8	3.1	England, N.W. Southport ... ..	o.c.bc	c.o.bc.c	59	49	-	-	5.5	6.2
Montrose ... ..	*	*	57	47	-	1	3.9	2.4	Blackpool ... ..	*	*	61	49	-	-	6.5	6.8
St. Andrews ... ..	*	*	58	44	-	2	4.8	1.5	Douglas (I. of Man) ... ..	*	*	57	47	1	-	1.4	8.2
Oban ... ..	o.bc.c	b	59	42	-	-	9.9	1.4	England, N.E. Buxton ... ..	bc	bc	53	49	-	-	2.4	2.6
England, N.E. Harrogate ... ..	op.bc	c.bcp	54	44	0.3	1	2.7	1.4	Leamington Spa ... ..	c.b	c.b	59	49	-	-	2.7	2.5
Skegness ... ..	bc	b	58	45	-	-	8.0	1.7	Malvern ... ..	m	m	59	49	1	-	1.0	1.0
England, E. Felixstowe ... ..	bc	bc	60	48	3	-	4.9	1.7	Ross-on-Wye ... ..	r.o.c.om	c.omu	63	48	1	-	2.0	3.1
Walton-on-Naze ... ..	op	o.c.bc	60	48	1	-	2.3	1.3	Wales. Rhyl ... ..	c.bc	bc.c	58	47	0.4	-	3.7	3.9
Southend-on-Sea ... ..	op	o.c.bc	60	48	1	-	2.3	1.3	Colwyn Bay ... ..	*	*	59	49	1	-	4.4	4.9
England, S.E. Folkestone ... ..	*	*	55	50	0.2	1	1.4	2.1	Llandudno ... ..	o	c.b	59	43	0.4	-	4.5	5.0
Brighton ... ..	*	*	61	50	1	-	0.6	0.6	Aberystwyth ... ..	r.o.c	c.bc	59	51	*	*	2.5	3.0
Margate ... ..	c.b.bc	c	57	50	0.3	-	1.2	0.6	England, S.W. Ilfracombe ... ..	o.c	bc.c	59	52	4	0	2.2	5.3
Ramsgate ... ..	*	*	57	48	3	-	2.3	2.3	Teignmouth ... ..	om	c.bc.c.o	58	53	2	0.3	0.2	9.7
Hastings ... ..	o	bc.o	59	49	-	-	0.3	4.5	Paignton ... ..	*	*	59	60	6	2	0.5	1.0
Eastbourne ... ..	o	o	59	48	0.2	-	0.5	5.3	Weymouth ... ..	od	o	60	50	2	1	0.5	10.2
Worthing ... ..	o	o	59	50	-	-	0.1	4.6	Torquay ... ..	or	o.c.o	58	51	7	2	0.2	10.8
Littlehampton ... ..	*	*	60	47	7	1	0.6	2.5	Penzance ... ..	or.cd	bc.c	62	56	6	0.8	0.5	8.0
Bournemouth ... ..	*	*	60	47	7	1	0.6	2.5	Newquay ... ..	*	*	61	48	4	0.3	1.5	7
									Weston-s-Mare ... ..	r.c	bc.c	61	48	4	0.3	1.5	7
									Bude ... ..	r.cdq	q	59	54	11	0.1	0.9	5.9

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours.
	7h-18h 25h.	18h-18h 25h.	18h 25h-1h 26h.	1h-7h 26h.				Day. 7h-18h.	Night. 18h-7h.	
†Houton Bay (Orkney) ...	pq	pq	or	o	51	41	*	*	*	*
Esksdalemuir ... ..	bc.c.o	c.oq	bcp,op,br.b.	b.bcw	57	35	28	0.4	1	6.7
†Stranraer ... ..	v.bc.c	b.bcw	bc.c	b.bcw	59	40	*	*	*	*
†Lough Foyle ... ..	b.bc	b.bc	bc	b.bc	53	47	*	*	*	*
Valencia (Cahirciveen) ...	od.c	od.c	bc	b.bc	60	46	40	-	-	4.8
†Anglesey (Llangefni) ...	c	c.o.bc	b.bcw	c.o	58	41	*	*	*	*
Falmouth ... ..	odg	o.or	b	b.bc	63	48	39	2	-	1.1
†Calshot (Hants) ... ..	cp	c	bc.c	b.c	60	48	*	*	*	*
†Capel (Folkestone) ... ..	c.ov	c.or	b.or	bc.c	58	43	*	*	*	*
Aberdeen ... ..	cp.bcv	bc.cq	pq	b.pq,od	55	43	40	2	1	6.7
†East Fortune ... ..	cv	vq	bc.c	b.bc	57	44	*	*	*	*
†Howden ... ..	cq	cq	pq	c	59	40	*	*	*	*
†Felixstowe ... ..	crm	pq	b.bcp	bc.cq	58	46	*	*	*	*
†Cranwell (Lincs) ... ..	c.or	r	c.o.bc	bc.c.b.c	57	42	*	*	*	*
†Bedford ... ..	c.oq	pq	c	2q	59	42	*	*	*	*
Benson ... ..	o	o	c	c	48	41	28	-	-	*
London (Kew Obs.) ... ..	o.c	op	o	o	59	44	34.6	0.1	trace	1.8

## BEAUFORT NOTATION.

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

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.3
3	8-12	3.4-5.4
4	13-18	5.5-7.7
5	19-24	8.0-10.7
6	25-31	10.8-13.5
7	32-38	13.6-17.2
8	39-46	17.3-20.7
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

Suffices 0, 1 and 2 attached to Beaufort letters signify intensity, 0 = slight, 2 = heavy. Underlining is used to express continuity.  
**SYMBOLS**—  
Aurora ☄ Solar halo ☄  
Rime ☄ Lunar halo ☄  
Glazed frost ☄ Solar corona ☄  
Glazed roads ☄ Lunar corona ☄

## LONDON OBSERVATIONS.

	24 HOURS ENDED 9h G.M.T. .. 26 <sup>th</sup> ...			YESTERDAY.			TO-DAY.			
Greenwich (Royal Observatory)	c.o	od	bc	61	45	38	-	2.4	61	63
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	1.9	*	*
Westminster (St. James's Park)	*	*	*	60	47	42	-	1.5	70	78
.. (Admiralty Arch)	og.u.c	c.bc	c.bcp	61	47	*	-	1.8	66	69
Camden Sq. (British Rainfall)	o.c	c.b.c.c	*	64	45	44	-	2.1	54	66
Kensington Palace ... ..	op	o	*	60	45	40	0.1	*	2	65
Richmond Park .. ...	*	*	*	*	*	*	*	*	*	*

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.	YESTERDAY.		TO-DAY.	
	15 h. G.M.T.	9 h. G.M.T.	15 h. G.M.T.	9 h. G.M.T.
Total ... ..	12.1	12.1	12.1	12.1
Average Rate. 18.8				
Maximum Rate. 77				

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

Stations.	26th June 1919.		27th June 1919.	
	Sunrise. G.M.T.	Noon. G.M.T.	Sunrise. G.M.T.	Noon. G.M.T.
Yarmouth ... ..	3.33	11.55	3.33	11.55
Greenwich ... ..	3.33	11.55	3.33	11.55
Wick ... ..	3.33	11.55	3.33	11.55
Valencia ... ..	4.23	12.44	4.23	12.44

## NOTES ON THE WEATHER OF YESTERDAY.

Temperatures were again low, and were generally below 60°. The highest reported was 64° at Roches Point. The amount of sunshine recorded was generally small, but Castlebay reported 12.1 hours and Skegness

over 8 hours. Showers were reported from many stations and rain from SW England and Wales, Pembroke reporting 5 mm.





1919

1919

1919

\* Information for these columns not usually received.

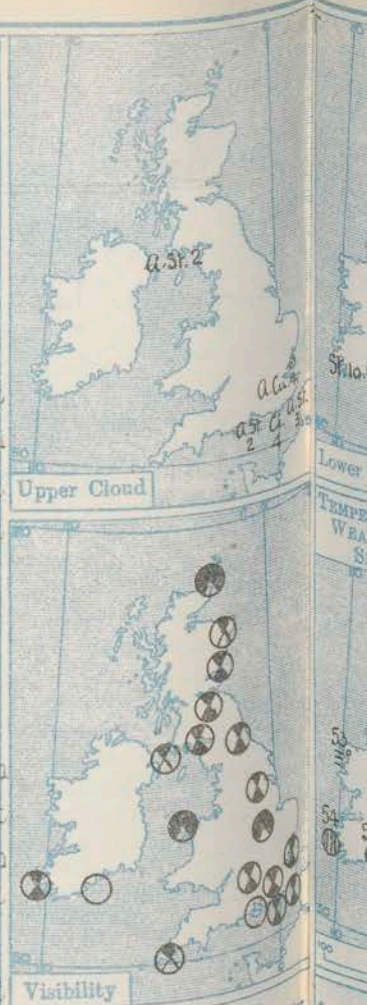
The barometric change is expressed in half millibars.

§ Longside † at 15



# SUMMARY OF CONDITIONS AT 7 A.M. Friday 27th June, 1919

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	W-NW 2-10	rather	Variable sky; local mist	Var.	smooth
2. E. England	W-NW 5-10	" cool	" " " "	indiff.	slight
3. E. Midlands	WSW 0-5	" "	Dull; local mist	ord.	
4. W. Midlands	W-NW 5-10	" "	Dull		
5. S.W. England	W-N 5-15	Mod.	Cloudy or dull; local mist	var.	slight
6. South Wales	W-NW 5-10	"	Dull	v.good	smooth
7. North Wales	NW-N 5-15	"	Dull; local rain, mist & fog.	v.poor	slight
8. N.W. England	W-NW 10	"	Dull, local rain	ord.	slight
9. N. Midlands	W-NW 5	"	Dull	ord.	
10. N.E. England	W-NW 5-15	"	Cloudy or dull, local	ord.	r.rough.
11. E. Scotland	W-NW 2-10	"	Fair to dull drizzle	var.	smooth
12. S.W. Scotland	W-NW 10-25	"	Cloudy or dull	good	slight
13. Isle of Man	NW 15	"	Cloudy or dull		slight
14. N.&N.W.Scot- land	WNW 10	"	Dull, local mist & showers	indiff.	smooth
15. Hebrides	W-WNW 5-10	"	Dull, local fog & drizzle	poor	slight
16. Orkneys and Shetlands	W-NW 5-25	"	Dull, misty	poor	smooth
17. N.W. Ireland	NW 10-15	"	Dull, local mist	poor	slight
18. N.E. Ireland	NW 10-15	"	Cloudy or dull, misty; local drizzle	v.poor	mod.
19. S.E. Ireland	W-NW 2-10	"	Dull	good	slight
20. S.W. Ireland	NW 5-10	"	Dull	v.good	slight



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

Under the influence of an anticyclone lying to the SW of the British Isles, winds are likely to be northwesterly causing cool weather.

Districts.	Forecasts for the 24 hours commencing 3 p.m.
1. S.E. England	Light or moderate winds between W and NW. Variable sky some showers. Mist locally, cool.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	
6. South Wales	
7. North Wales	
8. N.W. England	Light or moderate winds between W and NW. Cloudy or dull, some rain or showers. Local mist or fog. Cool.
9. N. Midlands	
10. N.E. England	
11. E. Scotland	Moderate NW winds. Cloudy or dull, some showers. Mist locally. Cool.
12. S.W. Scotland	
13. Isle of Man	
14. N.&N.W.Scot-land	
15. Hebrides	
16. Orkneys and Shetlands	
17. N.W. Ireland	
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.

Conditions seem likely to remain rather unsettled.

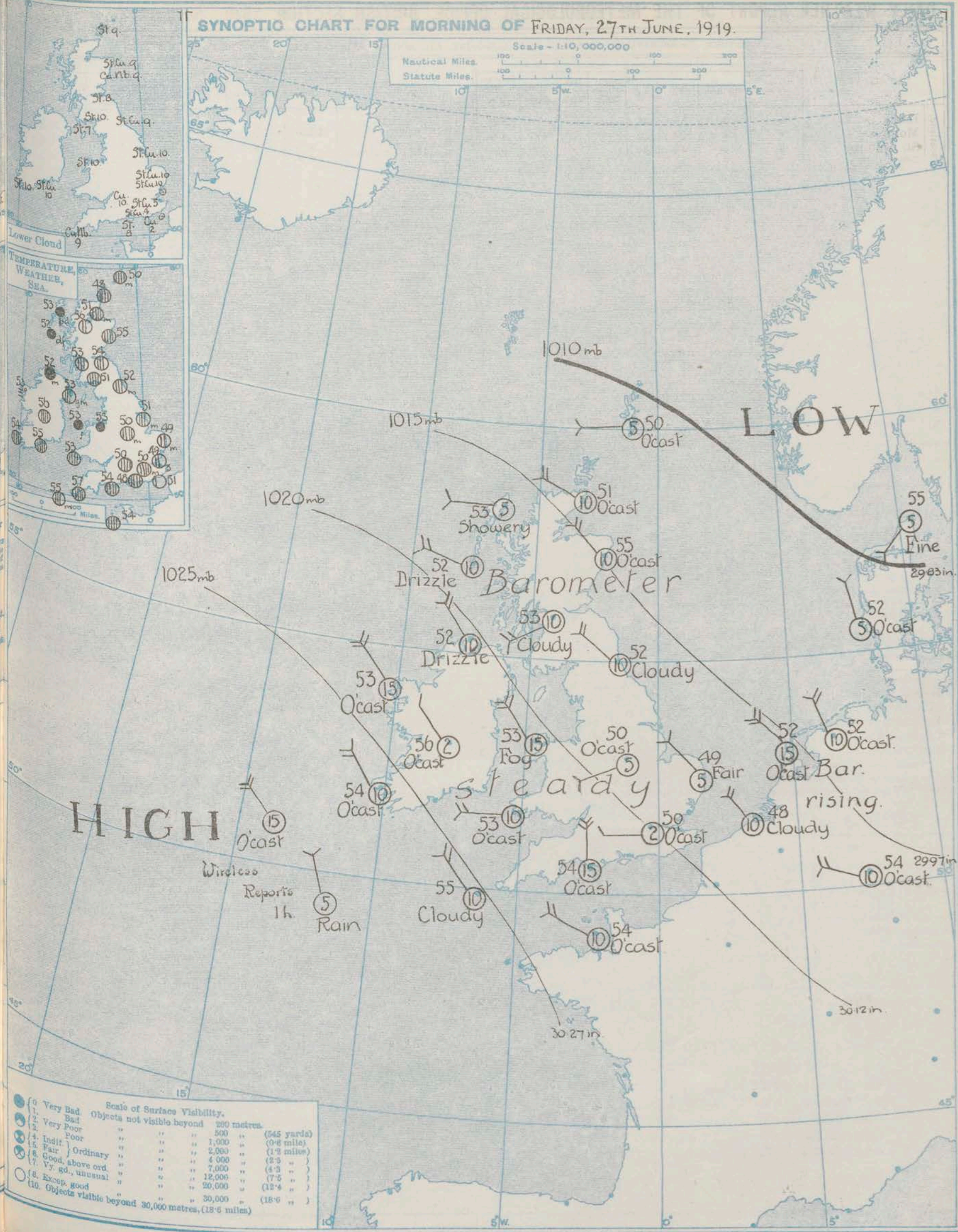
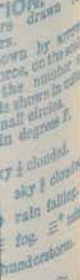
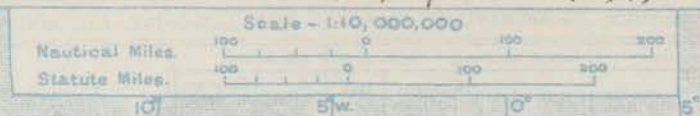


SYNOPTIC CHART FOR MORNING OF FRIDAY, 27<sup>TH</sup> JUNE, 1919.

Scale - 1:10,000,000

Nautical Miles.  
Statute Miles.

Statute Miles.



15

Scale of Surface Visibility.

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 172. B

Friday  
27th June

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 26th JUNE

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 17h-24h.	Day, 25h-26h.	to 17h.	Sunrise to Sunset.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night, 17h-24h.	Day, 25h-26h.	to 17h.	Sunrise to Sunset.
Scotland.									England, N.W.								
Banff ...	bc	6	53	45	0.2	-	5.1	3.9	Southport ...	bc	6	56	41	1	-	12.0	6.0
Montrose ...	*	*	53	42	-	-	10.3	3.9	Blackpool ...	*	*	58	41	2	-	13.0	6.5
St. Andrews ...	*	*	59	40	-	-	9.5	6.6	Douglas (I. of Man) ...	*	*	56	42	-	-	11.0	1.4
Oban ...	o.bc.o	o	56	45	-	-	3.3	13.1									
England, N.E.									Midlands.								
Harrogate ...	o.bc	bc.6	56	46	1	-	6.7	2.8	Buxton ...	o.bc	bc	53	46	6	-	7.3	3.5
Skegness ...	o	o	58	43	1	-	0.7	10.8	Leamington Spa ...	bc	bc.6	58	42	1	-	9.2	2.7
									Malvern ...	bc	bc.6	59	44	1	-	5.0	1.0
									Ross-on-Wye ...	o.bc.c	c.c	65	41	-	-	10.7	2.0
England, E.									Wales.								
Felixstowe ...	bc	bc	53	44	-	1	4.8	6.0	Rhyl ...	bc.c	6	56	47	-	-	9.5	3.7
Walton-on-Naze ...	bc.c.o	op.c	55	45	-	-	3.5	2.8	Colwyn Bay ...	*	*	56	49	-	-	8.0	4.5
Southend-on-Sea ...	bc.c.o	op.c	55	45	-	-	3.5	2.8	Llandudno ...	c.6	bc	56	49	1	-	8.0	4.7
									Aberystwyth ...	o.c.6	bc.6	57	51	*	*	9.5	3.5
England, S.E.									England, S.W.								
Folkestone ...	*	*	55	45	1	-	5.8	1.4	Ilfracombe ...	o.c.6	bc.6	58	51	-	-	5.2	2.6
Brighton ...	bc.c	o	53	46	?	?	3.2	1.9	Plymouth ...	*	*	62	49	2	-	9.2	0.6
Margate ...	bc.c	o	53	46	1	-	3.9	2.3	Weymouth ...	c.6	bc	67	46	-	-	11.0	0.4
Ramsgate ...	bc	bc	53	46	1	-	3.9	2.3	Torquay ...	bc	bc.6	62	49	-	-	9.7	0.3
Hastings ...	o.bc	bc.c.o	56	46	-	-	3.8	0.7	Penzance ...	bc	bc	63	51	-	-	9.1	1.1
Eastbourne ...	bc	bc	60	44	-	-	7.4	0.5	Newquay ...	bc	bc	63	51	-	-	9.1	1.1
Worthing ...	bc	bc	58	46	-	-	8.6	0.5	Weston-s-Mare ...	bc	bc.c	62	44	-	-	8.5	1.5
Littlehampton ...	bc	bc	59	47	-	-	9.1	?	Bude ...	bc	bc	58	49	0.1	-	10.5	0.9
Bournemouth ...	*	*	62	45	-	-	12.0	1.2									

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours.
	7h-13h	13h-18h	18h-24h	24h-7h				Day.	Night.	
†Houton Bay (Orkney)...	cq	c.o	r. of	ef.2	51	41	*	*	*	*
Eskdalemuir ...	bc.c	bc.c	o. or	o. or	61	45	4.4	-	1	11.4
†Stranraer ...	bc.c	c. or	d. r	c	59	40	*	*	*	*
†Lough Foyle ...	c.o	opd	opd	opd	55	47	*	*	*	*
Valencia (Cahirciveen) ...	c.o	c.o	opd	opd	58	53	5.2	-	-	3.8
†Anglesey (Llangefni) ...	bc.c	bc.c	opd	d.2	58	41	*	*	*	*
Falmouth ...	bc.c	bc.c	b	bc.0	59	49	4.3	-	-	13.2
†Calshot (Hants) ...	bc.c	bc.c	bc.c	bc.c	60	44	*	*	*	*
†Capel (Folkestone) ...	bc.c	bc.c	bc.c	bc.c	52	40	*	*	*	*
Aberdeen ...	o.bc.c	bc.c	orm	bc.op	57	46	4.5	-	1	7.1
†East Fortune ...	bc.c	bc.c	or	o.2	58	44	*	*	*	*
†Howden ...	cq	bc.c	bc.c	c.op	59	38	*	*	*	*
†Felixstowe ...	cq	bc.c	bc.c	b.2	54	44	*	*	*	*
†Cranwell (Lincs) ...	ov	c.bc.c	bc.c	bc.c	57	39	*	*	*	*
†Bedford ...	cq	ov	bc.c	of.w	59	38	*	*	*	*
Benson ...	o	bc	bc	bc	60	37	2.5	-	-	*
London (Kew Obs.) ...	o.c.o	o.c.6	bc.c	bc.c	57	42	3.0	-	-	5.3

## BEAUFORT NOTATION.

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

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-3.4
3	8-12	3.4-6.4
4	13-18	6.4-10.7
5	19-24	10.7-13.5
6	25-31	13.5-17.1
7	32-38	17.1-20.7
8	39-46	20.7-24.4
9	47-54	24.4-28.4
10	55-63	28.4-32.5
11	64-75	32.5-38.5
12	Above 75	38.5 or above

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

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

## LONDON OBSERVATIONS.

	WEATHER.			Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	Rain-fall.	Sun-shine to Sunset.	Humidity %
	Morning.	Afternoon.	Night.						
Greenwich (Royal Observatory)	o.c	c.o	bc.c.o	58	39	2.4	-	3.1	62
City (Bunhill Row) ...	*	*	*	58	42	3.7	-	3.5	70
Westminster (St. James's Park)	*	*	*	58	42	3.7	-	3.7	73
" (Admiralty Arch)	cq	c.bc	bc.bc.0	58	39	3.3	-	3.3	64
Camden Sq. (British Rainfall)	o.c	c.bc	*	61	41	3.6	-	4.5	56
Kensington Palace ...	o	o	*	57	40	3.1	-	*	72
Richmond Park ...	*	*	*	*	*	*	*	*	*

## 24 HOURS ENDED 9h G.M.T. 27th JUNE.

	24 HOURS ENDED 9h G.M.T. 27th JUNE.				Sun-shine to Sunset.	Humidity %
	Yesterday.	To-day.	26th JUNE.	27th JUNE.		
Greenwich (Royal Observatory)	3.1	62	70	70	62	70
City (Bunhill Row) ...	3.5	70	73	73	70	73
Westminster (St. James's Park)	3.7	73	82	82	73	82
" (Admiralty Arch)	3.3	64	75	75	64	75
Camden Sq. (British Rainfall)	4.5	56	69	69	56	69
Kensington Palace ...	*	*	*	*	*	*
Richmond Park ...	*	*	*	*	*	*

## SOUTH KENSINGTON (Meteorological Office).

	Vertical Component of Solar Radiation per Square Centimetre during yesterday.	
	15h.	9h.
Total ...	144.7	144.7
Average Rate.	24.3	24.3
Maximum Rate.	90.	90.

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

Stations.	27th & 28th JUNE 1919.	
	G.M.T.	G.M.T.
Yarmouth ...	3.33	11.56
Greenwich ...	3.34	11.56
Wick ...	3.47	12.3
Valencia ...	4.24	12.44

## NOTES ON THE WEATHER OF YESTERDAY.

Temperatures were again low, generally failing to reach 60° except in the south of England. The highest maximum temperature reported was at Weymouth which recorded a maximum temperature of 67°. Sunshine records were rather variable, most sunshine being reported from NW and south England and the least on the East coast and in North Scotland. Blackpool recorded over 13 hours sunshine and Bournemouth over 12 hours. Showers were reported from various stations. Liverpool reported 4mm and Holyhead 3mm of rain.





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

No. 21,037B SATURDAY, 28<sup>th</sup> JUNE, 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 18H.																											
STATIONS.	BAROM. at M.S.L. m.b.	Change in 3 hours.	WIND. Direc. Force 0-12.	Weather	TEMP. °F.	Humidity %	Visibility 0-10 Feet.	Height of Low Cloud Feet.	Low Cloud Form.	Am't. 0-10.	Upper Cloud Form.	Am't. 0-10.	Sea 0-9.	BAROM. at M.S.L. m.b.	Change in 3 hours.	WIND. Direc. Force 0-12.	Weather	TEMP. °F.	Humidity %	Visibility 0-10 Feet.	Height of Low Cloud Feet.	Low Cloud Form.	Am't. 0-10.	Upper Cloud Form.	Am't. 0-10.	Sea 0-9.	
	13H. G.M.T. OF 27 <sup>th</sup>													18H. G.M.T. OF 27 <sup>th</sup>													
Horton B. (Orkney)	1013.2	-1	WNW 7	om	50	98	5	1-1000	St	10	-	-	11	1011.2	-3	WSW 6	o	52	87	5	2-3000	St	7	QSt	3	4	
Eskdalemuir	1017.4	0	W 3	o	59	75	7	2-3000	St	6	Cl	1	*	1017.8	0	SSW 3	c	58	65	7	-	Cl	3	QSt	5	*	
Stranraer	1020.1	+1	NW 3	od	58	92	6	1-2000	Nb	10	-	-	*	1020.1	0	NHW 2	o	55	92	7	1-2000	St	10	-	-	*	
Lough Foyle	1021.0	0	W 4	od	53	98	10	-	Nb	10	-	-	-	1020.1	-2	WSW 6	od	54	40	10	-	Nb	10	-	-	3	
Valencia (Cahire'n)	1020.2	0	WNW 3	o	57	87	8	1-1000	St	10	-	-	3	1027.4	+1	NW 3	c	58	82	7	1-1000	Cl	2	QSt	2	3	
Anglesey (Llangefni)	1012.0	+1	WNW 3	o	57	87	7	1-2000	St	10	-	-	11	1022.8	+1	WSW 1	o	57	87	7	1-2000	St	10	-	-	3	
Falmouth	1024.2	+1	NW 4	o	61	87	6	-	Cl	10	-	-	*	1024.2	0	NW 4	bc	62	75	5	-	Cl	4	-	-	*	
Calshot (Hants)	1022.0	+2	SW 3	o	58	92	8	1-1500	Nb	10	-	-	4	1022.7	-1	WSW 3	c	62	92	6	3-1000	St	6	QSt	1	3	
Capel (Folkestone)	1020.8	0	SW 3	o	61	98	5	2-3000	St	11	QSt	6	3	1021.4	0	WSW 3	o	56	87	6	2-3000	St	10	-	-	3	
Aberdeen	1015.9	0	SSE 3	bc	59	85	7	-	Cl	1	QSt	5	2	1013.3	-2	S 1	bcg	59	75	6	-	-	-	QSt	6	2	
East Fortune	1016.5	0	WNW 3	c	67	55	6	5-7000	St	11	QSt	3	*	1015.7	-1	W 4	c	63	65	6	5-7000	St	11	QSt	4	*	
Howden	1016.3	+1	SSW 1	o	58	75	4	2-3000	St	10	-	-	*	1015.4	0	W 4	c	64	82	5	2-3000	St	6	QSt	1	*	
Felixstowe	1020.2	0	WNW 2	o	62	75	6	-	St	10	QSt	4	2	1020.4	0	W 1	o	59	92	6	2-3000	St	10	-	-	3	
Cranwell (Lines)	1019.0	0	SW 2	o	56	92	4	1-1500	St	10	-	-	*	1018.4	0	W 1	o	64	75	5	1-1500	St	5	QSt	2	*	
Bedford	1020.3	0	W 1	om	55	92	2	4-5000	St	10	-	-	*	1020.0	0	NNW 1	o	63	65	*	1-2000	St	3	QSt	4	*	
Benson	1020.1	-1	W 1	o	61	75	5	-	-	*	-	-	*	1020.3	0	WSW 1	c	63	65	6	-	Cl	6	-	-	*	
London (Kew Obs.)	1021.0	0	WSW 3	o	59	65	8	-	St	7	QSt	2	*	1020.6	-1	W 2	bcg	62	65	5	-	Cl	2	Cl	3	*	
1H. G.M.T. OF 28 <sup>th</sup>													7H. G.M.T. OF 28 <sup>th</sup>														
Horton B. (Orkney)	1005.9	-5	W 8	or	49	98	3	1-1000	Nb	10	-	-	5	1004.0	0	WNW 9	o	46	92	4	1-2000	Cl	8	ASt	1	6	
Eskdalemuir	1015.5	-4	SW 5	or	54	98	3	1-1500	Nb	10	-	-	*	1014.4	+2	WSW 4	og	53	82	6	1-2000	St	10	-	-	*	
Stranraer	1018.0	-2	WSW 2	o	55	92	4	1-2000	St	10	-	-	*	1016.7	-1	WNW 4	o	53	92	6	1-2000	Nb	10	-	-	*	
Lough Foyle	1027.2	0	NNW 2	od	55	*	*	*	*	*	*	*	*	1026.9	0	WNW 4	o	56	92	6	1-1000	St	10	-	-	3	
Valencia (Cahire'n)	?	0	W 2	od	56	92	*	1-2000	St	10	-	-	3	1020.7	0	WSW 3	o	57	87	6	1-2000	St	10	-	-	5	
Anglesey (Llangefni)	1025.2	0	NW 3	o	57	98	5	-	St	9	-	-	*	1025.6	+1	NW 3	c	60	87	6	-	-	Cl	7	*		
Falmouth	1023.2	+2	WNW 1	o	55	92	6	5-7000	St	8	-	-	3	1023.1	0	WNW 3	o	62	92	8	4-5000	St	5	ASt	3	3	
Calshot (Hants)	1021.6	+1	NW 2	c	55	92	5	2-3000	St	1	Cl	3	3	1021.3	0	NNW 4	c	58	87	6	-	-	-	ASt	7	3	
Capel (Folkestone)	1010.4	-3	W 2	or	55	75	4	1-1500	Cl	10	-	-	*	1009.2	0	WNW 4	c	57	55	8	-	Cl	1	ASt	6	2	
Aberdeen	1013.2	-4	WSW 5	og	56	87	*	1-1500	Nb	10	-	-	*	1011.9	-2	W 4	c	55	87	6	4-5000	St	5	Cl	3	*	
East Fortune	1015.7	-1	SSW 1	bc	51	92	5	3-4000	St	6	-	-	*	1013.6	-2	WSW 3	og	59	82	4	2-3000	Ma	10	-	-	*	
Howden	1020.8	0	WNW 3	o	57	98	*	-	-	-	-	-	11	1020.1	-1	WNW 4	bc	60	98	6	4-5000	St	2	ASt	6	4	
Felixstowe	1019.4	+1	WSW 2	o	55	92	4	2-3000	St	2	QSt	1	*	1017.3	-2	WSW 4	o	57	92	7	1-2000	St	6	ASt	2	*	
Cranwell (Lines)	*	*	*	*	*	*	*	*	*	*	*	*	*	1019.7	-2	W 3	c	63	75	-	5-7000	St	5	ASt	3	*	
Bedford	*	*	*	*	*	*	*	*	*	*	*	*	*	1020.8	0	W 3	bc	63	82	4	-	-	-	ASt	4	*	
Benson	1021.8	+1	-	o	57	*	*	*	*	*	*	*	*	1021.2	+1	W 4	bc	61	75	5	-	St	1	ASt	3	*	
London (Kew Obs.)	1021.8	+1	-	o	57	*	*	*	*	*	*	*	*	1021.2	+1	W 4	bc	61	75	5	-	St	1	ASt	3	*	
STATIONS CONTRIBUTING REPORTS AT 7H AND 18H.																											
STATIONS.	BAROM. at M.S.L. m.b.	TEMP. °F.	WIND. Direc. Force 0-12.	Weather	BAROMETER. at M.S.L. m.b.	TEMPERATURE. Temp. °F.	WIND. Direc. Force 0-12.	Upper Cloud.	Weather.	Sea 0-9.	Rainfall mm.	TEMP. Max. °F.	Min. °F.	WEATHER. Morning.	Afternoon.	Night.	Sunshine Hours.										
	18H. G.M.T. OF 27 <sup>th</sup>				7H. G.M.T. OF 28 <sup>th</sup>				24 HOURS ENDED 7H. 28 <sup>th</sup>									27 <sup>th</sup>									
Lerwick	1009.1	51	SW 3	om	1001.4	-1	50	0	W 4	cm	3	54	44	om	om	omp	*										
Stornoway	1012.1	52	WSW 3	o	1009.6	0	51	-2	WSW 6	o	5	61	48	o.c	op	orog	6.1										
Castlebay (Barra Is)	1016.0	52	W 4	odf	1014.0	0	52	0	WNW 5	o	4	54	51	odf	o.cdf	orog	1.9										
Glasgow	1017.4	59	W 4	c	1013.3	0	51	-2	WSW 4	W	0	62	51	c.bc	c.bc	c.ogd	*										
Malin Head	1019.2	53	WSW 4	omd	1016.5	0	52	0	WNW 4	W	cmg	55	52	omd	omd	cgm	0.0										
Blacksod Point	1023.7	?	WSW 3	ofc	1021.8	+1	53	0	W 4	-	om	58	?	bc	ofc	ofc.og	*										
Roche's Point	1024.9	62	NNW 4	b	1025.4	0	59	+4	W 3	-	o	67	55	o.c	c.bc	o	*										
Birr Castle	1023.9	62	W 2	c	1022.8	0	57	+1	W 3	-	o	67	50	o	o.c	c.o	2.9										
Donaghadee	1020.0	61	W 3	cgm	1016.7	+1	53	0	WNW 4	-	o	62	53	cgm	ogm	ogm	*										
Liverpool (Bidston)	1021.0	57	W 3	r	1017.5	-2	57	+4	W 6	W	og	59	53	r.o.c	od	og	0.7										
Holyhead	1021.7	58	WSW 4	og	1019.5	-1	56	+3	WSW 5	-	og	62	52	odf.c	o.c.og	c.og	1.0										
Pembroke (St. Ann's Head)	1023.9	56	NW 1	o	1024.3	0	55	+2	W 3	W	ov	61	53	ov.c	ov.c	ov.c	3.8										
Scilly (St. Mary's)	1025.4	59	NW 3	bc	1026.6	0	56	+1	NNW 3	NNW	bc	63	53	om.c	c.bc	bc.c.bc	3.3										
Jersey (St. Aubin)	1024.3	58	NNW 5	o	1025.5	0	56	+2	W 3	-	o	61	54	o.c.og	og.bc	o	0.8										
Portland Bill	1021.4	57	WSW 3	o	1023.2	0	58	+4	W 3	W	c	58	52	o	o	o.c	*										
Dungeness	1020.5	57	WSW 4	c	1021.1	0	58	+7	WSW 3	W	bc	63	51	bc	bc	c.bc	*										
Wick	1011.3	58	SW 2	o	1006.7	-1	50	-1	W 4	-	om	61	48	om	o	omp	*										
Nairn	1011.7	61	WSW 4	c	1008.9	*	53	-3	W 4	-	bcg	67	50	bcg	bcg.c	cpqg	10.8										
Leith	1015.2	62	W 2	c	1011.7	-1	55	+1	W 3	NNW	c	67	53	c.bc	c.bc	cu.opc	*										
Tynemouth	1016.2	67	WNW 4	om	1012.6	-1	57	+5	NW 5	-	omg	67	49	om	bc	bc	*										
Spurn Head	1017.9	61	SSW 2	cm	1014.2	-2	57	+6	W 4	-	om	61	50	cm	cm	c.om	0.0										
Yarmouth (Gorleston)	1018.9	57	NNW 2	o	1017.3	-2	57	+8	WNW 3	-	b	60	49	bc													

+ Air Ministry Station.

\* Information for these columns not usually received.

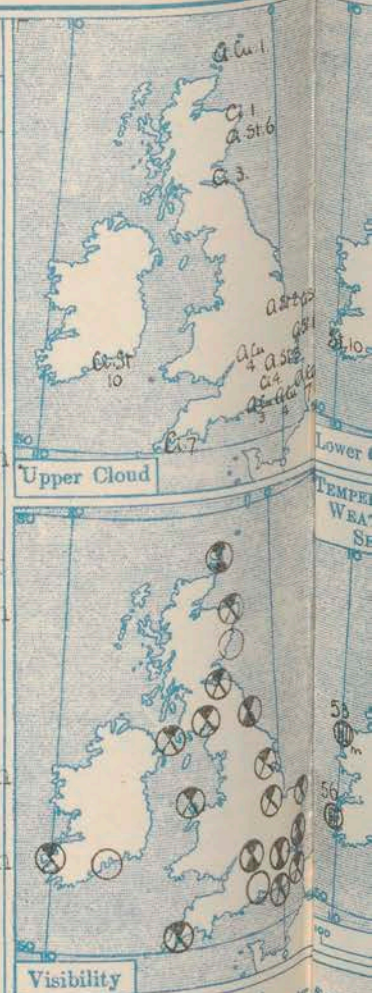
§ The barometric change is expressed in half millibars.

§ Longside + at 1H.



# SUMMARY OF CONDITIONS AT 7 A.M. Saturday 28th June, 1919.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	WSW WNW 10-15	rather warm	Fair to cloudy	good.	slight
2. E. England	WSW WNW "	"	Variable cloud, local haze.	good	slight
3. E. Midlands	W 5-10	warm	Variable sky	ord.	--
4. W. Midlands	W 10-15	r. warm	Cloudy or dull		
5. S.W. England	W NW 10	mod.	Fair or cloudy	good.	slight
6. South Wales	W 10	"	Dull	v.good	smooth
7. North Wales	WSW 15-20	r.warm	Dull	good	rather rough
8. N.W. England	W NW 20-30	"	Dull, local squalls	good	"
9. N. Midlands	W NW 10-15	"	Dull	ord.	
10. N.E. England	W NW 15-20	"	Dull, some mist, slight rain & squalls.	indiff.	slight
11. E. Scotland	W 15	Mod.	Cloudy	good.	smooth
12. S.W. Scotland	WSW WNW 15	"	Dull	good	mod.
13. Isle of Man	W WNW 15-20	"	Dull	"	"
14. N. & N.W. Scotland	W 15-20	"	Dull, local mist & squalls	ord.	var.
15. Hebrides	WSW WNW 20-30	"	Overcast, local squalls	mod.	r.rough
16. Orkneys and Shetlands	W WNW 15-35	"	Dull, some mist	indiff.	var.
17. N.W. Ireland	W WNW 15	"	Dull, some mist	var.	r.rough
18. N.E. Ireland	WNW 15	"	Dull, some-mist & drizzling rain	"	slight
19. S.E. Ireland	W 10-15	r.warm.	Dull	v.good	slight
20. S.W. Ireland	W WNW 10-15	mod.	Overcast	good	slight



**GENERAL INFERENCE** from observations received up to 10 a.m.  
A depression off the North of Scotland is moving east and will cause winds mostly between west and north west, with some showers in the Northern districts.

Districts.	Forecasts for the 24 hours commencing 3 p.m.	Further Outlook.
1. S.E. England	Moderate westerly winds. Variable cloud. Warmer.	Uncertain.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England	Light or moderate winds between west and north west. Variable cloud. Moderate temperature.	
6. South Wales		
7. North Wales	Moderate or fresh winds between west and north west. Cloudy or dull, some showers. Moderate temperature.	
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland	Fresh to strong winds between west and north west, cloudy or dull, some showers. Moderate temperature.	
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scotland		
15. Hebrides	Moderate winds between west and north west. Variable cloud, some showers. 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 SATURDAY, 28TH JUNE, 1919.

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





# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 179 B

Saturday  
28th June

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

STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.	WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.	
	Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-24h.	Day. 9h-17h.	to 17h.	to Sunrise.		Forenoon.	Afternoon.	Max. °F.	Min. °F.	Night. 17h-24h.	Day. 9h-17h.	to 17h.	to Sunrise.
Scotland.									Scotland.								
Banff ...	bc	bc	62	45	-	-	9.0	5.9	Southport ...	o.c.o	o.c.o	57	51	3	-	0.8	14.0
Montrose ...	*	*	63	47	-	-	9.0	11.3	Blackpool ...	*	*	59	?	2	-	7	14.2
St. Andrews ...	*	*	72	46	1	-	8.7	10.9	Douglas (I. of Man) ...	*	*	63	47	2	-	1.0	14.0
Oban ...	o.bc.b	b	59	47	2	-	1.9	3.3									
England, N.E.									England, N.E.								
Harrogate ...	o	c.bc	64	42	1	-	1.0	8.7	Buxton ...	r.c.b	bc	59	45	1	0.1	3.1	9.8
Skegness ...	om	om	59	38	-	-	0.8	1.9	Leamington Spa ...	o.c.b	c.b.b	65	42	0.1	-	2.3	10.2
									Malvern ...	bc.b	bc.b	68	47	1	-	4.5	5.0
									Ross-on-Wye ...	am.ov	2.evy	70	40	0.4	-	2.0	13.2
England, E.									England, E.								
Felixstowe ...	bc	o	62	41	-	-	6.1	4.9	Rhyl ...	c.bc	cp	59	50	3	-	1.5	11.3
Walton-on-Naze ...									Colwyn Bay ...	*	*	61	50	3	-	1.5	10.0
Southland-on-Sea ...	bc.com	om	62	42	-	-	11.0	3.7	Llandudno ...	o	c	61	50	3	-	1.2	9.3
									Aberystwyth ...	or.o	c.b.o	60	54	*	*	1.5	11.2
England, S.E.									England, S.E.								
Folkestone ...	*	*	64	?	-	-	7	6.3	Ilfracombe ...	od.c	c.bc.b	59	53	1	0.3	3.5	10.2
Brighton ...	*	*	60	40	-	-	1.3	10.1	Torquay ...	c	c.bc.c.o	65	50	-	-	0.4	?
Margate ...	b.bc.c	c	62	47	-	-	4.0	3.2	Weymouth ...	*	*	67	49	-	-	1.2	11.5
Ramsgate ...	*	b	63	43	-	-	5.7	3.9	Torquay ...	o	o	62	47	0.1	-	0.0	13.3
Hastings ...	bc.o	bc.o	62	43	-	-	2.9	5.9	Penzance ...	o	o.c.o	65	48	-	-	0.8	12.4
Eastbourne ...	bc	bc	61	42	-	-	4.5	7.7	Newquay ...	c	c.b	63	52	-	-	0.5	11.1
Worthing ...	bc	bc.c	60	41	-	-	1.2	10.3	Weston-s-Mare ...	c	c.b	60	51	-	-	0.8	?
Littlehampton ...	o.bc	o	61	41	-	-	1.2	10.7	Bude ...	od.b	c.b	64	47	-	-	1.5	9.6
Bournemouth ...	*	*	62	43	-	-	0.5	13.8									

## SUMMARIES FOR PAST 24 HOURS.

STATIONS.	WEATHER.				Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	RAINFALL.		Sun. Hours.
	7h-13h 27th	13h-18h 27th	18h-24h 27th	1h-7h 28th				Day. 7h-18h	Night. 18h-7h	
†Houton Bay (Orkney)...	pd.f	og	rg	rg	53	46	*	*	*	*
Esksdalemuir ...	c.o	oy.o.c	c.c.v.o.odm.odm.og	og	63	51	50	-	1	5.7
†Stranraer ...	pg	pd.c	o	opd	59	49	*	*	*	*
†Lough Foyle ...	opd	d			*	*	*	*	*	*
Valencia (Cahirciveen) ...	o.c.o	o.b.c	o.c.o		59	54	54	-	-	2.4
†Anglesey (Llangefni) ...	c.o	o	c.o	o	61	46	*	*	*	*
Falmouth ...	o	o.c.bc	b.b.c	o.c	63	54	48	-	-	4.7
†Calshot (Hants) ...	b.o	c.o	c.o	c.o	62	44	*	*	*	*
†Capel (Folkestone) ...	bc.c	b.b.c	cg	c.o.z	62	40	*	*	*	*
Aberdeen ...	o.c.bc	bc.b	c.z.opc		63	54	51	-	1	4.9
†East Fortune ...	bc.c	bc.c	op	bc.c	67	49	*	*	*	*
†Howden ...	c.o	c.o	c.ow	c.o	66	51	*	*	*	*
†Felixstowe ...	bc.c	og	c.og	bc.c	62	44	*	*	*	*
†Cratwell (Lincs) ...	omg	om.c.o	c.o.b.c		65	53	*	*	*	*
†Bedford ...	pdm	rg	2		63	51	*	*	*	*
Benson ...	o	bc	bc		70	50	37	-	-	*
London (Kew Obs.) ...	o.m.o	o.b.c	bc.om.b.c		63	49	44	-	-	1.0

## BEAUFORT NOTATION.

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

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Statute miles per hour.	Force per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.3
2	4-7	1.3-3.3
3	8-12	3.3-5.4
4	13-18	5.4-7.9
5	19-24	7.9-10.7
6	25-31	10.7-13.8
7	32-38	13.8-17.1
8	39-46	17.1-20.7
9	47-54	20.7-24.4
10	55-63	24.4-28.4
11	64-75	28.4-33.3
12	Above 75	33.3 or above

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

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

## LONDON OBSERVATIONS.

	WEATHER.			Max. Temp. °F.	Min. Temp. °F.	Min. on Grass °F.	Rain-fall. mm.	Sun-shine to Sunset. Hours.	Humidity %	
	Morning.	Afternoon.	Night.						15h. G.M.T.	9h. G.M.T.
24 HOURS ENDED 9h G.M.T. 28th										
Greenwich (Royal Observatory)	o	o	c.o	70	52	40	-	2.0	67	61
City (Bunhill Row) ... ..	*	*	*	*	*	*	*	0.6	*	*
Westminster (St. James's Park)	*	*	*	69	53	48	-	0.8	82	76
" (Admiralty Arch.	om	om.c	bc.b.c	68	55	*	*	0.9	76	66
Camden Sq. (British Rainfall)	o	o	*	70	52	48	-	1.5	67	61
Kensington Palace ... ..	o.b.c	bc	*	68	52	44	-	*	*	63
Richmond Park ... ..	*	*	*	*	*	*	*	*	*	*

## SOUTH KENSINGTON (Meteorological Office).

Vertical Component of Solar Radiation per Square Centimetre during yesterday.  
Total ... 100.4 ... Joules.  
Average Rate. 16.9 Milliwatts.  
Maximum Rate. 56

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

28th & 29th June 1919.			
Stations.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	3.34	11.56	8.18
	3.44	11.56	8.18
Greenwich ...	3.47	12.3	8.19
	3.47	12.3	8.19
Wick ...	3.9	12.15	8.20
	3.10	12.5	8.3
Valencia ...	4.25	12.44	9.3
	4.25	12.44	9.3

## NOTES ON THE WEATHER OF YESTERDAY.

Temperatures were somewhat higher, the maximum temperatures being generally over 60°. St. Andrews reached 72° and Ross-on-Wye 70°. There were only small amounts of sunshine recorded except in eastern Scotland where Nairn reported 10.8 hours. Rain was reported during the day from the Orkneys, the Hebrides, northern Ireland, North Wales and Northern Midlands, but the amount nowhere exceeded 1mm except at Lerwick which reported 2mm of rain.

† Air Ministry Station.

\* Information for these columns not usually received.





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

No 21,038.B .... Sunday... 29<sup>th</sup> June.... 1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H AND 19H.																								
STATIONS.	BAROM.	TEMP.	WIND.	WEATHER.	TEMP.	HUMIDITY.	VISIBILITY.	Height	Low Cloud.	Upper Cloud.	Sea.	BAROM.	TEMP.	WIND.	WEATHER.	TEMP.	HUMIDITY.	VISIBILITY.	Height	Low Cloud.	Upper Cloud.	Sea.		
	at M.S.L.	°F.	Dir.		Force	°F.	%	0-10.	Feet.	Form.	Amt.	0-10.	at M.S.L.	°F.		Dir.	Force	°F.	%	0-10.	Feet.	Form.	Amt.	0-10.
13H. G.M.T. OF 28 <sup>th</sup>												19H. G.M.T. OF 28 <sup>th</sup>												
Houton B. (Orkney)	1003.4	0	WNW	9	51	92	4	142000	Nb	10	-	1005.1	+2	NW	8	49	92	4	142000	St	8	-	6	
Eskdalemuir	1013.4	-1	WNW	5	59	88	8	34000	St	14	4	1014.0	0	WNW	3	51	88	6	-	St	8	4	2	
Stranraer	1016.2	0	NW	6	53	75	7	34000	St	3	4	1017.0	0	NW	6	52	82	7	23000	St	3	4	3	
Lough Foyle	1018.4	0	WNW	7	54	87	5	34000	St	3	4	1018.5	0	NW	7	53	87	5	23000	St	2	-	4	
Valencia (Cahire'n)	1027.4	0	WNW	1	57	82	6	14500	St	10	-	1026.5	0	NW	4	58	82	6	14500	St	10	-	-	
Anglesey (Llangefni)	1020.4	0	W	3	56	87	6	23000	St	10	-	1019.3	-2	WNW	4	58	87	8	34000	St	4	4	5	
Falmouth	1025.4	0	WNW	6	57	85	5	-	St	5	2	1024.0	0	WNW	6	57	87	5	-	St	9	-	-	
Calshot (Hants)	1022.3	?	SW	2	59	82	8	34000	St	8	-	1019.4	-3	WSW	2	63	92	8	34000	St	9	-	4	
Capel (Folkestone)	1019.6	-3	WSW	5	62	82	6	34000	St	10	-	1019.3	-2	WSW	4	64	85	8	-	St	8	2	-	
1H. G.M.T. OF 29 <sup>th</sup>												7H. G.M.T. OF 29 <sup>th</sup>												
Houton B. (Orkney)	1005.4	+1	NW	8	44	98	2	142000	St	10	-	1006.5	+1	WNW	9	43	97	3	142000	St	10	-	6	
Eskdalemuir	1014.0	0	WNW	6	45	75	6	-	St	3	-	1012.7	0	WNW	6	46	82	6	-	St	1	1	-	
Stranraer	1017.3	0	WNW	4	49	87	8	23000	St	4	-	1016.4	?	WNW	6	50	87	7	23000	St	5	4	2	
Lough Foyle	1023.4	0	WNW	3	53	87	5	-	St	8	-	1022.8	+1	WNW	4	53	85	7	23000	St	8	-	3	
Valencia (Cahire'n)	1028.4	0	WNW	3	56	87	8	142000	St	2	-	1028.4	0	NW	5	50	85	7	23000	St	8	4	5	
Anglesey (Llangefni)	1020.1	0	WNW	3	56	87	5	-	St	9	-	1019.4	0	WNW	5	55	85	6	-	St	9	-	-	
Falmouth	1022.8	-1	WNW	2	56	92	7	79000	St	2	-	1022.7	0	WNW	5	57	85	6	-	St	3	2	-	
Calshot (Hants)	1019.0	-1	W	2	55	98	7	79000	St	2	-	1018.5	-1	WNW	5	57	85	6	-	St	3	2	3	
Capel (Folkestone)	1017.2	0	WNW	2	56	87	6	23000	St	2	1	1016.6	0	NW	4	52	85	6	23000	St	3	2	3	
Aberdeen	1008.2	0	NW	4	47	87	4	142000	Nb	10	-	1008.5	0	WNW	6	47	92	7	-	Nb	10	-	3	
East Fortune	1012.2	0	WNW	3	49	75	6	23000	St	1	-	1011.1	-1	W	4	51	75	7	23000	St	4	1	-	
Howden	1011.7	0	W	3	46	82	6	-	St	8	-	1010.8	-3	W	5	52	85	5	23000	St	4	-	-	
Felixstowe	1015.8	0	WNW	5	56	92	8	-	Nb	10	-	1014.5	-1	WNW	3	53	87	5	-	-	-	-	2	
Cranwell (Lincs)	1015.8	0	W	2	47	87	6	23000	St	2	1	1014.2	-1	W	5	53	82	8	23000	St	2	2	4	
Bedford	1017.2	0	WNW	2	56	87	6	23000	St	2	1	1016.2	0	WSW	2	53	85	3	45000	St	7	2	2	
Benson	1019.4	0	WNW	2	56	87	6	23000	St	2	1	1017.3	0	NW	3	52	85	7	-	St	4	1	-	
London (Kew Obs.)	1017.2	0	WNW	2	56	87	6	23000	St	2	1	1017.1	0	WNW	3	54	85	7	-	St	4	1	3	
STATIONS CONTRIBUTING REPORTS AT 7H AND 19H.																								
STATIONS.	BAROM.	TEMP.	WIND.	WEATHER.	BAROMETER.	TEMPERATURE.	WIND.	WEATHER.	SEA.	RAINFALL.	TEMP.	WEATHER.	SUNSHINE.											
	at M.S.L.	°F.	Dir.		Force	at M.S.L.	Change in 24 hours.		Dir.	Force	0-10.	mm.	Max.	Min.	Morning.	Afternoon.	Night.	Hours.						
19H. G.M.T. OF 28 <sup>th</sup>																7H. G.M.T. OF 29 <sup>th</sup>								
Lerwick	1001.5	49	W	4	cm	1002.3	+2	48	-2	WNW	5	-	omq	4	3	53	44	om	om	om	om	om	om	
Stornoway	1014.1	52	W	6	cpq	1015.3	+1	46	-5	WNW	6	-	opq	5	4	54	45	cpq	cpq	cpq	cpq	cpq	cpq	
Castlebay (Barra's)	1016.1	51	W	4	o	1018.7	+2	50	-2	NW	5	-	c	5	1	55	47	o.c.op	op.o	o.c.op	op.o	op.o	op.o	
Glasgow	1013.9	50	WNW	4	c	1013.2	0	50	-1	WNW	4	-	b	5	-	57	46	o.c.bq	o.c.bq	o.c.bq	o.c.bq	o.c.bq	o.c.bq	
Malin Head	1017.5	52	NW	6	cmq	1018.7	0	49	-3	NW	6	-	cmq	6	0.3	55	48	cmq	cmq	cmq	cmq	cmq	cmq	
Blackod Point	1022.7	54	NW	4	bcm	1024.4	+1	49	-4	WNW	5	-	cm	4	-	56	46	cm	cm	cm	cm	cm	cm	
Roche's Point	1024.3	57	NW	5	o	1024.9	+1	53	-6	WNW	4	-	o	3	-	65	50	o.c.o	o.c.o	o.c.o	o.c.o	o.c.o	o.c.o	
Birr Castle	1022.6	59	N	2	c	1023.7	+	50	-7	NW	2	-	c	3	-	60	46	o.c.o.c	o.c.o.c	o.c.o.c	o.c.o.c	o.c.o.c	o.c.o.c	
Donaghadee	1017.2	56	NW	6	bcqm	1017.6	+1	49	-4	NW	6	-	bcqm	4	0.2	60	48	bcqm	bcqm	bcqm	bcqm	bcqm	bcqm	
Liverpool (Bidston)	1016.7	57	W	5	c	1015.8	-2	52	-5	W	7	-	oq	5	-	58	50	o	o	o	o	o	o	
Holyhead	1019.1	58	W	5	bc	1019.2	0	52	-4	NW	6	-	oq	5	-	59	50	o.c.o	o.c.o	o.c.o	o.c.o	o.c.o	o.c.o	
Pembroke (St. Ann's Head)	1022.1	51	W	3	o	1022.0	0	50	-5	WNW	4	-	cq	4	-	58	48	o	o	o	o	o	o	
Seilly (St. Mary's)	1025.4	57	WNW	5	c	1024.1	-1	54	-2	WNW	4	-	c	5	-	63	53	bc	bc	bc	bc	bc	bc	
Jersey (St. Aubin)	1024.6	59	W	5	c	1015.8	-2	54	-4	WNW	5	-	bc	-	-	62	50	o.c.b	o.c.b	o.c.b	o.c.b	o.c.b	o.c.b	
Portland Bill	1022.0	60	W	5	c	1016.1	0	56	-2	W	3	-	b	3	-	64	50	o.c.b	o.c.b	o.c.b	o.c.b	o.c.b	o.c.b	
Dungeness	1017.4	59	WSW	5	c	1017.2	+2	45	-5	NW	6	-	omq	4	4	55	45	o.c.bqm	o.c.bqm	o.c.bqm	o.c.bqm	o.c.bqm	o.c.bqm	
Wick	1006.2	52	WNW	6	bcqm	1007.2	+2	45	-5	NW	6	-	omq	4	4	55	45	o.c.bqm	o.c.bqm	o.c.bqm	o.c.bqm	o.c.bqm	o.c.bqm	
Nairn	1010.3	55	W	7	cq	1010.7	+	48	-5	W	5	-	cq	4	0.3	59	46	cq	cq	cq	cq	cq	cq	
Leith	1011.1	57	NW	6	bc	1011.4	0	51	-4	NW	5	-	b	3	-	61	46	bc	bc	bc	bc	bc	bc	
Tynemouth	1011.8	59	NW	6	bcq	1011.2	-1	51	-6	WNW	5	-	bcq	3	-	63	44	bcq	bcq	bcq	bcq	bcq	bcq	
Spurn Head	1012.0	59	W	5	cq	1011.5	0	51	-6	WNW	6	-	bcq	6	-	60	48	o.c.q	o.c.q	o.c.q	o.c.q	o.c.q	o.c.q	
Yarmouth (Gorleston)	1015.3	60	N	4	c	1013.1	-1	50	-7	WNW	2	-	bc	2	-	66	46	o.c.o	o.c.o	o.c.o	o.c.o	o.c.o	o.c.o	
Clacton-on-Sea	1015.6	67	W	4	o	1015.5	0	53	-6	WNW	4	-	bc	2	-	70	49	o.c.o	o.c.o	o.c.o	o.c.o	o.c.o	o.c.o	
Nottingham	1016.3	60	WNW	5	c	1015.4	+	50	-8	NW	3	-	o	0	-	64	46	o	o	o	o	o	o	

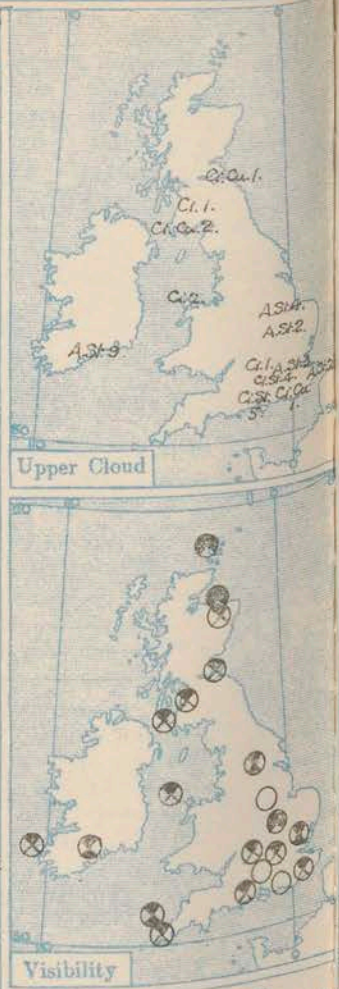
† Air Ministry Station.

\* Information for these columns not usually received.



# SUMMARY OF CONDITIONS AT 7 A.M. Sunday, 29th June, 1919.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	W NW. 10-15	Rather cool	Fine to cloudy.	V. Good	Slight.
2. E. England	WNW. 5-15	"	Fair to cloudy.	Good	Smooth.
3. E. Midlands	WNW. 5-10	"	Cloudy or dull	V. r.	"
4. W. Midlands	WNW. 5-15	"	Fair to dull	Good	"
5. S.W. England	WNW. 15-20	"	Fair to dull	Fair	Moderate
6. South Wales	WNW. 15	"	Cloudy, squally.	Good	"
7. North Wales	WNW. 20-30	"	Cloudy or dull, squally.	V. Good	Rather rough
8. N.W. England	WNW. 25-35	"	Variable cloud, squally	"	"
9. N. Midlands	WNW. 10-20	"	Fair to dull	Good	"
10. N.E. England	WNW. 20-28	"	Fair or fine, squally	Fair	Rather rough
11. E. Scotland	WNW. 15-28	"	Variable sky, squally,	Good	Slight
12. S.W. Scotland	WNW. 15-28	"	Fair to fine, squally.	"	Rather rough
13. Isle of Man	WNW. 20-28	"	Cloudy or dull, squally	"	"
14. N. & N.W. Scotland	WNW. 15-28	"	Dull, local rain, mist & squalls.	"	Moderate
15. Hebrides	WNW. 20-28	"	Cloudy, local showers & squalls.	"	Rather rough
16. Orkneys and Shetlands	WNW. 20-35	"	Dull, misty, squally,	Poor	"
17. N.W. Ireland	WNW. 20	"	Cloudy, local rain	"	Moderate
18. N.E. Ireland	WNW. 28	"	Cloudy, squally, misty, showery.	"	Rather rough
19. S.E. Ireland	WNW. 5-15	"	Cloudy or dull.	Fair	Moderate
20. S.W. Ireland	WNW. 15	"	Cloudy or dull	Good	Slight.



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

An anticyclone lies to the South west of the British Isles and a depression to the North east. Consequently, North westerly winds and cool weather are probable.

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

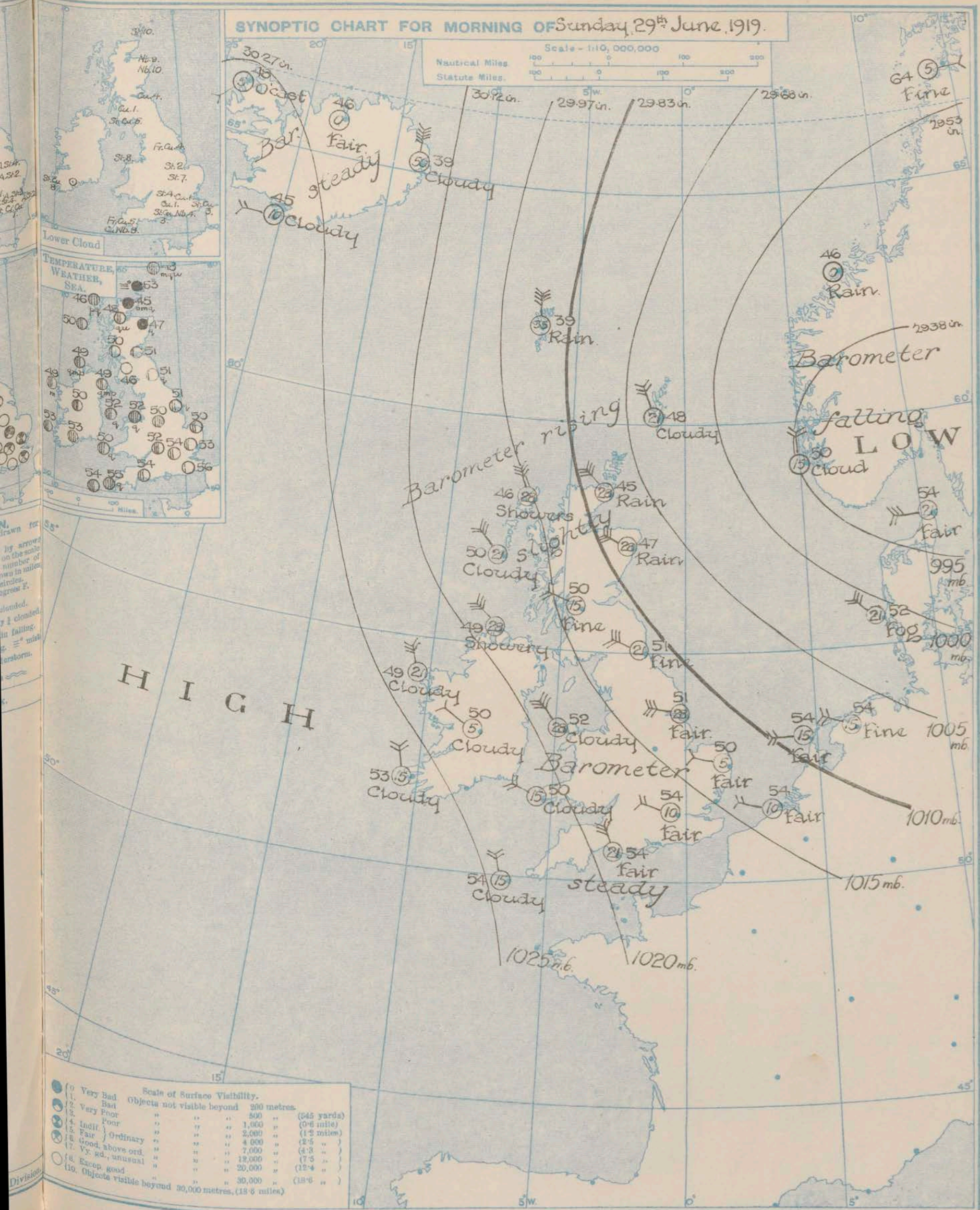
Districts.	Forecasts for the 24 hours commencing 3 p.m. Sunday, 29th June, 1919.
1. S.E. England	Moderate North west winds, fresh at times. Variable cloud, local showers. Rather cool.
2. E. England	
3. E. Midlands	
4. W. Midlands	
5. S.W. England	Moderate or fresh North west winds. Variable cloud, local showers. Rather cool.
6. South Wales	
7. North Wales	Fresh or strong North west winds, reaching gale force at times. Variable cloud, local showers. Squally. Cool.
8. N.W. England	
9. N. Midlands	
10. N.E. England	
11. E. Scotland	
12. S.W. Scotland	Strong North west winds or gales. Cloudy or dull, rain at times. Mist locally. Cool.
13. Isle of Man	
14. N. & N.W. Scotland	
15. Hebrides	Same as district 7 13.
16. Orkneys and Shetlands	
17. N.W. Ireland	Same as district 5 6
18. N.E. Ireland	
19. S.E. Ireland	
20. S.W. Ireland	

Further Outlook.

Uncertain.



SYNOPTIC CHART FOR MORNING OF Sunday, 29<sup>th</sup> June, 1919





Sunday  
29<sup>th</sup> June 1919

STATIONS.	SUMMARIES FOR PAST 24 HOURS.										BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE.		
	WEATHER.				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.		Sun. Hours.		No.	Limits of Velocity.	
	7h-13h 28 <sup>m</sup>	13h-18h 28 <sup>m</sup>	18h-23h 28 <sup>m</sup>	1h-7h 29 <sup>m</sup>				Day. 7h-13h	Night. 18h-7h				Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)... Eskdalemuir ... ..	pq og. o. cy	- cy. ou	r. q ou. a. bc. bz	p <sub>2</sub> b <sub>2</sub>	52 58	42 43	* 41	* -	* -	* 5.1	b blue sky (not more than a quarter covered). bc sky partly cloudy (one half covered).	0 1	Less than 1 1-3	Less than 0.3 0.3-1.5
†Stranraer ... .. †Lough Foyle ... .. Valencia (Cahirgreen) ...	c. og c. o. @ odp. o	@ q c. o odp. o	r. q om	p <sub>1</sub> q oc	53 58	47 52	* 43	* -	* -	* 0.0	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.	2 3 4 5 6	4-7 8-12 13-18 19-24 25-31	1.6-3.3 3.4-5.4 5.5-7.9 8.0-10.7 10.8-13.8
†Anglesey (Llangefni) ... Falmouth ... ..	odp c. eq	o. c c. bc. eq	b. bc o	omq e	59 68	48 53	* 40	* -	* -	* 8.2	m mist o overcast sky. p passing showers. q squalls.	7 8	32-38 39-46	13.9-17.1 17.2-20.7
†Calshot (Hants) ... .. †Capel (Folkestone) ... ..	b. c. o eq oz	c. o *	op *	oma *	63 64	51 49	* *	* *	* *	* *	r rain. rs sleet, i.e., rain and snow together.	9 10 11 12	47-64 65-63 64-75 Above 75	20.8-24.4 24.5-28.4 28.5-33.5 33.6 or above
Aberdeen ... .. †East Fortune ... .. †Howden ... .. †Felixstowe ... .. †Cranwell (Lincs) ... .. †Bedford ... .. Benson ... .. London (Kew Obsy.) ...	c. bcq eq. oz oz eq oz q bp bc. cy	bcq. y bcq. eq eq oz o. c y. q bc o. y	r. q bz bc. v oz bc. bc *	bc. omq omq bcq omq om. eq q d. bc	62 62 65 68 65 70 70 70	46 47 41 50 44 46 44 50	30 *	0.1 *	0.1 *	9.1 *	s snow. t thunder. u ugly, threatening sky. v unusual visibility. w dew. x hoar frost. y dry air; humidity less than 60 per cent.			
											z dust haze; the turbid atmosphere of dry weather.			

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

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

LONDON. OBSERVATIONS.	WEATHER.			Max. Temp. ° F.	Min. Temp. ° F.	Min. on Glass. ° F.	Rain- fall. mm.	Sun- shine to Sunset. Hours.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR IN THE UNITED KINGDOM.			
	Morning	Afternoon	Night						15 h. G.M.T.	9 h. G.M.T.		..... 29th SEPT. 20th June ..... 1919.			
	24 HOURS ENDED 9H G.M.T. 29th								YESTERDAY.	TO-DAY.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise.	Noon.
											G.M.T.		G.M.T.	G.M.T.	G.M.T.
Greenwich (Royal Observatory)	6cc	c	0	74	51	44	-	5.0	58	58	Total ..... Joules.	Yarmouth...	3.34	11.56	8.18
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	*		Milliwatts.	Greenwich {	3.35	11.56
Westminster (St. James's Park)	*	*	*	*	*	*	*	*	*	*	Average Rate.			Wick ... {	3.47
" (Admiralty Arch)	6cc	c	6cc.	73	52	*	-	?	64	66		Maximum Rate.	Valencia ... {		3.48
Camden Sq. (British Rainfall)	*	*	*	*	*	*	*	*	*	*					3.10
Kensington Palace ...	0	6.	*	71	50	41	-	*	68	57					3.10
Richmond Park ..	*	*	*	*	*	*	*	*	*	*					4.25
															4.26

## NOTES ON THE WEATHER OF YESTERDAY.

Temperatures were somewhat higher yesterday. The highest temperature reported was 72°, which was reported from Bournemouth and Ross-on-Wye. Sunshine records were generally poor, except in

the Hebrides and Western Scotland, which had over 7 hours sunshine. Eastbourne and Falmouth also reported over 7 hours sunshine. Showers occurred in Scotland, North Ireland and were reported from Yarmouth and Buxton. Stornoway and Wick each recorded 4 mm. of rain.

† Air Ministry Station.

\* Information for these columns not usually received.





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

No 21,039.B

Monday 30<sup>th</sup> June.....1919.

OBSERVATORIES AND STATIONS CONTRIBUTING REPORTS AT 1H, 7H, 13H: AND 19H.																												
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. m.b.		Direc.	Force 0-12.		°F.				Form.	Amt. 0-10.	Form.	Amt. 0-10.		0-9.		at M.S.L. m.b.	Direc.		Force 0-12.				°F.	Form.	Amt. 0-10.	Form.	
	13H. G.M.T. OF 29 <sup>th</sup>														18H. G.M.T. OF 29 <sup>th</sup>													
†Houton B. (Orkney)	1009.5	+3	NNW	8	otq	45	98	3	1-1000	St Cu	10	-	-	6	1009.4	0	NNW	9	otq	43	98	3	1-1000	St	10	-	-	6
Eskdalemuir ...	1012.8	0	NW	4	c	52	65	7	3-4000	St Cu	5	Acu	3	*	1013.1	0	NW	5	cp	47	82	6	-	Cu Nt	7	Acu	1	*
†Stranraer ...	1017.4	+1	NW	6	0	50	52	6	2-3000	St Cu	9	-	-	*	1016.9	-3	NNW	8	bc	51	82	7	2-3000	St	6	-	-	*
†Lough Foyle ...	1021.8	+1	NNW	7	0	52	65	5	1-2000	Cu	8	-	-	6	1021.2	-1	NNW	7	0	50	82	5	2-3000	Cu	10	-	-	6
Valencia (Cahire'n)	1027.6	-1	NNW	5	c	56	75	8	2-3000	St Cu	4	Acu	4	3	1027.4	-1	NNW	5	c	55	78	6	2-3000	St Cu	8	-	-	3
†Anglesey (Llangefni)	1019.1	-1	NNW	6	0	41	92	8	3-4000	Cu	7	Ci	2	5	1019.1	0	NNW	5	c	54	65	8	4-5000	Cu	5	Acu	3	5
Falmouth ...	1022.4	-1	N	6	bcq	57	55	6	-	Cu	4	Ci	2	*	1021.5	-2	NW	6	bcq	58	65	3	-	Cu	3	Ci	2	*
†Calshot (Hants) ...	1017.4	-1	NNW	4	0	59	75	8	3-4000	St Cu	10	-	-	5	1015.9	-2	NW	6	0	59	87	8	4-5000	St Cu	3	Ci St	5	6
†Capel (Folkestone)	1015.6	-2	NW	4	0	56	55	6	-	-	-	-	-	4	1014.1	-2	N	6	0	54	65	5	2-3000	St	9	-	-	4
Aberdeen ...	1009.0	0	NW	7	bcq	52	65	7	-	Cu Nt	6	-	-	4	1009.7	0	NW	6	bcq	48	75	7	-	Cu Nt	5	-	-	4
†East Fortune ...	1011.4	0	NW	4	otq	53	65	6	5-7000	St Cu	9	-	-	*	1011.8	0	NNW	5	og	52	65	6	4-5000	St Cu	8	-	-	*
†Howden ...	1009.1	-2	WNW	2	0	56	65	6	2-3000	St Cu	10	-	-	*	1009.7	-1	W	1	od	50	82	5	2-3000	St Cu	10	-	-	*
†Felixstowe ...	1014.3	-1	NW	5	otq	54	48	6	-	Nt	10	-	-	3	1012.4	-2	WNW	5	og	57	82	7	-	St Cu	6	Acu	2	4
†Cranwell (Lincs)	1012.6	-2	WNW	6	0	57	75	7	2-3000	St Cu	9	-	-	*	1012.7	0	NW	5	0	52	82	7	2-3000	St Cu	10	-	-	*
†Bedford ...	1015.3	0	NW	4	cq	56	65	3	5-7000	St	7	-	-	*	1014.6	-1	NNW	5	otq	55	65	2	4-5000	St	10	-	-	*
Benson ...	1016.4	-1	WNW	4	0	60	65	7	-	-	-	-	-	*	1015.0	-2	NW	5	0	56	65	7	-	Cu	8	-	-	*
London (Kew Obs.)	1015.8	-2	WNW	4	c	59	55	8	-	St Cu	5	Acu	2	*	1014.7	-2	NW	3	bc	58	55	7	-	Cu	6	-	-	*
1H. G.M.T. OF 30 <sup>th</sup>														7H. G.M.T. OF 30 <sup>th</sup>														
†Houton B. (Orkney)	1006.3	-5	NNW	9	otq	43	98	4	1-1500	St	10	-	-	*	1002.7	-4	N	9	rf	43	97	3	1-1000	St	10	-	-	6
Eskdalemuir ...	1011.4	-4	NW	5	6	42	82	8	-	Cu	1	-	-	*	1006.4	-5	N	8	bc	47	65	7	-	Cu	2	Ci	4	*
†Stranraer ...	1016.6	-1	NW	5	cr	48	87	*	2-3000	St	8	-	-	*	1011.1	-6	NW	8	bcq	49	85	8	2-3000	St Cu	4	-	-	*
†Lough Foyle ...	1018.4	-2	NNW	5	bcu	53	*	*	*	*	*	*	*	*	1016.1	-3	NNW	7	bc	49	75	5	3-4000	Cu	5	-	-	*
Valencia (Cahire'n)	1028.4	-2	NNW	5	bcu	53	*	*	*	*	*	*	*	*	1024.3	-2	NW	4	0	53	85	7	2-3000	St	10	-	-	3
†Anglesey (Llangefni)	1018.8	-2	NNW	4	0	48	75	*	4-500	St	10	-	-	5	1015.3	-4	NW	5	bc	49	75	8	3-4000	Cu	5	Acu	1	6
Falmouth ...	1021.9	-1	NW	4	bc	54	65	5	-	Cu Nt	5	-	-	*	1019.3	0	NNW	6	bcy	54	57	6	-	Cu	2	-	-	*
†Calshot (Hants) ...	1016.8	+1	W	4	0	51	82	7	3-4000	St	10	-	-	4	1015.8	-1	WNW	4	0	57	87	8	3-4000	St Cu	8	Acu	1	4
†Capel (Folkestone)	1013.9	0	NNW	6	0	48	75	8	4-5000	St Cu	10	-	-	5	1012.8	0	NNW	6	b	50	65	5	-	Cu	3	-	-	5
Aberdeen ...	1005.3	-6	NNW	8	otq	44	92	3	1-1000	Nt	10	-	-	*	1003.3	-2	WNW	7	og	45	97	5	-	Nt	10	-	-	4
†East Fortune ...	1010.8	-4	NW	4	bcq	48	75	*	4-5000	St Cu	5	-	-	*	1006.8	-3	WNW	5	og	49	65	6	4-5000	St Cu	10	-	-	*
†Howden ...	1009.0	-2	W	3	6	46	75	5	3-4000	St Cu	3	-	-	*	1006.1	-3	W	3	6	48	75	6	3-4000	St Cu	3	Acu	6	*
†Felixstowe ...	1012.7	-1	WNW	3	bc	49	98	*	-	Cu Nt	4	Acu	2	4	1011.3	-2	NW	5	b	50	92	6	-	Cu	2	Ci	1	4.3
†Cranwell (Lincs)	1012.6	0	W	2	6	45	92	6	2-3000	St	2	Acu	1	*	1009.8	-4	WNW	5	0	50	85	7	2-3000	St Cu	6	Acu	3	*
†Bedford ...	1012.7	-7	W	2	om	49	87	3	2-3000	St	10	-	-	*	1012.7	-7	W	2	om	49	87	3	2-3000	St	10	-	-	*
Benson ...	1013.5	-1	WNW	4	0	48	45	8	2-3000	Nt	1	Acu	5	*	1013.5	-1	WNW	4	0	48	45	8	2-3000	Nt	1	Acu	5	*
London (Kew Obs.)	1014.7	0	W	3	6	50	*	*	*	*	*	*	*	*	1013.6	0	WNW	5	0	50	65	7	-	St Cu	10	-	-	*
(M.O. at 1h.)																												
STATIONS CONTRIBUTING REPORTS AT 7H AND 19H.																												
STATIONS.	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.		WIND.		Direc. of Upper Cloud.	Weather.	Sea	Rainfall mm.	TEMP.		WEATHER.			Sunshine Hours.							
	at M.S.L. m.b.		°F.	Direc.		Force 0-12.	at M.S.L. m.b.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	Direc.					Force 0-12.	Max. °F.	Min. °F.	Morning. °F.	Afternoon. °F.		Night. °F.						
	19H. G.M.T. OF 29 <sup>th</sup> JUNE.														7H. G.M.T. OF 30 <sup>th</sup> JUNE.										24 HOURS ENDED 7H. 30 <sup>th</sup> JUNE.			
Lerwick ...	1005.1	48	NNW	7	omdg	1006.4	0	49	+1	N	7	-	omgt	4	6	53	44	ompq	ompq	ompq	*							
Stornoway ...	1017.7	47	N	6	cdpq	1011.7	-2	48	+2	N	6	-	og	5	1	48	44	odpq	odpq	odpq	0.0							
Castlebay (Barras)	1020.4	49	NNW	6	0	1015.5	-2	48	-2	NW	6	-	o	5	-	53	47	c.o	0	obc.o	4.2							
Glasgow ...	1014.0	51	WNW	4	c	1009.7	-3	47	-3	WSW	4	N	bc	*	-	57	43	b.b.c.o	cq.o.c.v	c.b.c.g	8.0							
Malin Head ...	1020.0	51	NNW	7	bcmq	1015.5	-3	49	0	N	6	N	bcqp	6	1	55	47	bcqp	bcmq	bcqp	7.8							
Blackrod Point ...	1025.6	53	NNW	5	cm	1020.1	-5	50	+1	NNW	4	-	ofe	4	-	56	49	bc	cm	omq.og	*							
Roche's Point ...	1024.1	59	NNW	5	b	1022.1	-2	52	-1	NNW	4	-	o	2	-	61	50	c.o.c	o.b.c	b.v.03	*							
Birr Castle ...	1023.8	56	NW	3	c	1019.3	*	50	0	NW	3	-	c	*	-	60	48	c	c	c	5.9							
Donaghadee ...	1017.7	51	NW	7	cmq	1014.4	-1	48	-1	NW	5	NW	cmgp	4	2	54	46	cmgp	cp.b.cq	cmgp	*							
Liverpool (Midson)	1015.2	51	WNW	6	c	1012.4	0	49	-3	WNW	7	NW	og	5	-	55	48	bcq	bc.cq	og	7.3							
Holyhead ...	1019.3	53	NW	8	cqpg	1015.1	-2	50	-2	NW	7	NW	cqg	6	-	56	48	cq	cq	cpq	5.3							
Pembroke (St. Ann's Head)	1021.3	57	N	2	bcv	1019.5	-2	50	0	W	4	W	2	4	-	58	49	c	c	bc.c	6.4							
Scilly (St. Mary's)	1024.6	56	NW	4	c	1023.0	-1	53	-1	N	4	NW	bc	4	-	60	51	c	bc.c									

† Air Ministry Station.

\* Information for these columns not usually received.

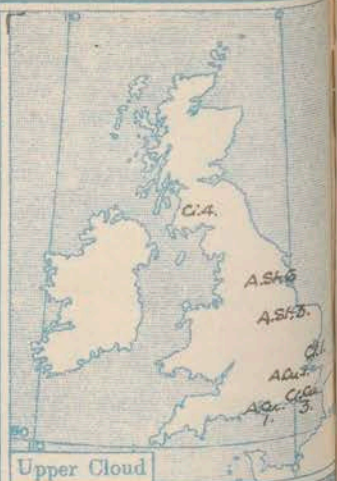
‡ The barometric change is expressed in half millibars.

§ Longside † at 1h.



# SUMMARY OF CONDITIONS AT 7 A.M.

Districts.	Wind. Velocity in m.p.h.	Temperature.	Weather, Cloud and Precipitation.	Visibility.	Sea.
1. S.E. England	NNW-WNW 15-25	Cool.	Variable cloud.	Good.	Mod.
2. E. England	NNW-WNW 15-25	"	Fair to overcast, squally.	Good.	r. rough
3. E. Midlands	NW 10-15	"	Dull, some mist or haze.	Var.	
4. W. Midlands	NW 15-25	"	Dull.	Ord.	
5. S.W. England	NNW 15-25	"	Variable cloud, local squalls.	Good.	Mod.
6. South Wales	W NW 15-20	Rather cool	Cloudy.	Good.	Mod.
7. North Wales	NNW-NW 25-35	Cool.	Cloudy, squally.	Good.	Rough
8. N.W. England	NW 35-50	Cool.	Dull.	Ord.	r. rough
9. N. Midlands	NW 15-30	Cool.	Dull.	Ord.	
10. N.E. England	NW-W 20-35	"	Cloudy, squally.	Var.	r. rough
11. E. Scotland	NNW-NW 15-30	Cool.	Dull, squally, some rain.	Ind.	Mod.
12. S.W. Scotland	W NW 20-40	"	Fair or cloudy, gale		
13. Isle of Man	NNW 20-30	"	Dull, squally, locally.	Good.	r. rough
14. N. & N.W. Scotland	NNW 20-30	"	Dull, squally, some mist & rain.	Good.	r. rough
15. Hebrides	N-NNW 25-30	"	Overcast, squally.	Var.	r. rough
16. Orkneys and Shetlands	N-NNW 35-45	R. cool.	Dull, mist or fog and rain.	Ord.	r. rough
17. N.W. Ireland	N-NNW 15-30	R. cool.	Fair to overcast, some fog and showers.	Poor	r. rough
18. N.E. Ireland	N-NW 15-25	"	Cloudy, some showers.	Var.	r. rough
19. S.E. Ireland	WNW-NW 10-15	"	Dull, squally.	Ord.	Mod.
20. S.W. Ireland	NW 15-15	"	Overcast	Good.	Slight.



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

## GENERAL INFERENCE from observations received up to

A rather deep depression is centred over the Eastern part of the North Sea, while secondary depressions are moving South-eastward over the British Isles. NW to N winds, unsettled, showery weather, with a very low temperature are consequently to be expected in this country.

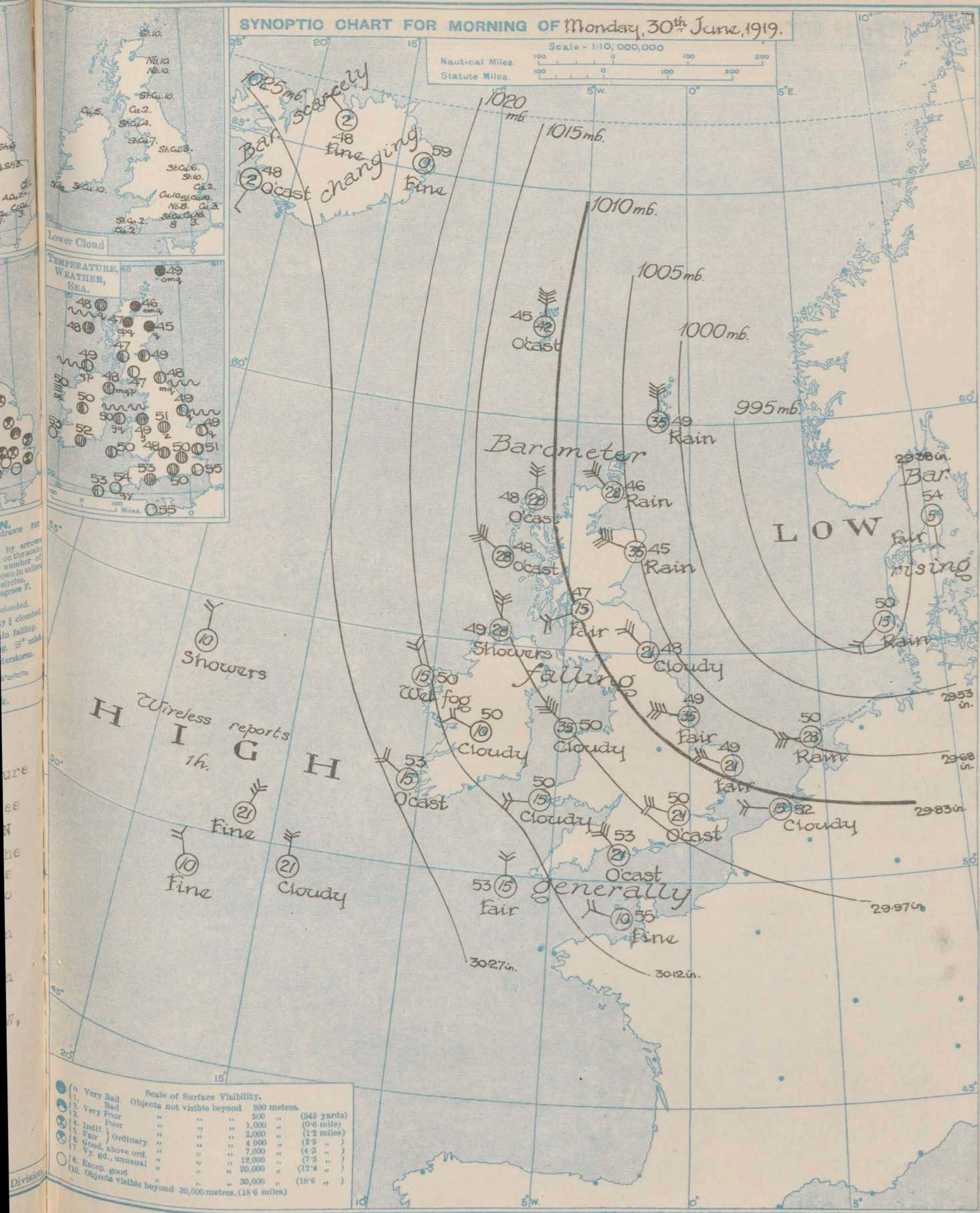
Districts.	Forecasts for the 24 hours commencing 3 p.m. Monday, 30 <sup>th</sup> June, 1919.	Further Outlook.
1. S.E. England	NW mainly North-westerly winds, N locally, fresh or strong, squally. Much cloud generally, some showers, hail in places, fairer intervals. Temperature very low for time of year.	Slight pressure irregularities moving from N to SE over the British Isles are likely to maintain the weather in an unstable condition, with the wind between N and W, and a low temperature.
2. E. England		
3. E. Midlands		
4. W. Midlands		
5. S.W. England		
6. South Wales		
7. North Wales		
8. N.W. England		
9. N. Midlands		
10. N.E. England		
11. E. Scotland	North-westerly and Northerly winds, fresh or strong, a gale locally; changeable, showery, sleet in places. Temperature very low.	
12. S.W. Scotland		
13. Isle of Man		
14. N. & N.W. Scotland		
15. Hebrides		
16. Orkneys and Shetlands	Same as 1-10.	
17. N.W. Ireland		
18. N.E. Ireland		
19. S.E. Ireland		
20. S.W. Ireland		



SYNOPTIC CHART FOR MORNING OF Monday, 30<sup>th</sup> June, 1919.

Scale - 1:10,000,000

Statute Miles.



Scale of Surface Visibility.

Objects not visible beyond 200 metres.

"	"	"	300	"	(345 yards)
"	"	"	1,000	"	(0.6 mile)
"	"	"	2,000	"	(1.2 miles)
inary	"	"	4,000	"	(2.5 " )
ord.	"	"	7,000	"	(4.3 " )
usual	"	"	12,000	"	(7.5 " )
"	"	"	20,000	"	(12.4 " )
ible	"	"	30,000	"	(18.6 " )

beyond 30,000 metres, (18.6 miles)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, BRITISH SECTION, 1919. No. 181..B

Monday  
30<sup>th</sup> June 1919.

WEATHER, TEMPERATURE, RAINFALL AND SUNSHINE AT HEALTH RESORTS FOR 29 <sup>th</sup>																	
STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.		SUNSHINE.		STATIONS.		WEATHER.		TEMPERATURE.		RAINFALL.	
		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.
Scotland.	Banff ...	pg	pg	49	45	4	2	0.1	3.4	England, N.W.	Southport ...	c.or.cq	cq. bcq	55	51	-	0.2
	Montrose ...																
	St. Andrews ...																
England, N.E.	Harrogate ...	bc. b	bc. c. b	59	41	-	-	7.6	2.2	Midlands.	Buxton ...						
	Skegness ...										Leamington Spa ...						
											Malvern ...						
England, E.	Felixstowe ...	bc	o	61	48	-	-	5.2	1.9	Wales.	Rhyl ...	q	q	55	50	-	-
	Walton-on-Naze ...										Colwyn Bay ...	*	*	55	50	-	2
	Southend-on-Sea ...	bc. c. o	op	60	51	-	-	5.0	3.7		Llandudno ...	op	cp	56	48	-	2
England, S.E.	Folkestone ...	*	*	61	51	-	-	5.4	2.9	England, S.W.	Paignton ...	*	*	62	52	-	-
	Brighton ...	*	*	65	52	-	-	7.9	2.9		Weymouth ...			61	53	-	-
	Margate ...										Torquay ...	bc. c	bc. c	63	54	-	-
	Ramsgate ...	*	*	60	51	-	-	4.9	2.5		Penzance ...	bc. c	bc. c	63	54	-	-
	Hastings ...	bc. bc	bc	62	50	-	-	7.0	6.1		Newquay ...	bq	bq	58	53	-	-
	Eastbourne ...	bc	bc	63	51	-	-	10.1	7.2		Weston-s-Mare ...						
	Worthing ...	bc	bc. c	62	51	-	-	5.4	5.8								
	Littlehampton ...	bc	bc	63	50	-	-	6.7	4.5								
	Bournemouth ...	*	*	62	50	-	-	5.5	4.7								

STATIONS.	SUMMARIES FOR PAST 24 HOURS.									BEAUFORT NOTATION.	THE BEAUFORT SCALE OF WIND FORCE.			
	WEATHER				Max. Temp. ° F.	Min. Temp. ° F.	Min. on Grass. ° F.	RAINFALL.			Sun. Hours.	No.	Limits of Velocity.	
	7h-13h	13h-19h	19h-24h	1h-7h				Day, 7h-13h	Night, 13h-19h				Statute miles per hour.	Metres per second.
†Houton Bay (Orkney)...	pc	bc	bc	bc	46	43	*	*	*	b blue sky (not more than a quarter covered).	0	Less than 1	Less than 0.3	
†Eskdalemuir ...	bc	bc	bc	bc	56	41	3.8	0.2	0.3	bc sky partly cloudy (one half covered).	1	1-3	0.3-1.5	
†Stranraer ...	pc	pc	pc	pc	54	46	*	*	*	c generally cloudy (three quarters covered).	2	4-7	1.6-3.3	
†Lough Foyle ...	c	pc	c	c	53	46	*	*	*	d drizzle, or fine rain.	3	8-12	5.4-5.4	
Valencia (Cahirciveen) ...	c	bc	bc	c	58	54	4.8	-	-	e wet air without rain falling.	4	13-18	5.5-7.9	
†Anglesey (Llangefni) ...	c	c	c	c			*	*	*	f fog, g gloom.	5	19-24	8.0-10.7	
Falmouth ...	bc	bc	bc	bc	60	50	4.3	-	-	h hail, l lightning.	6	25-31	10.8-13.5	
†Calshot (Hants) ...	c	c	c	c	61	46	*	*	*	m mist.	7	32-38	13.9-17.1	
†Capel (Folkestone)...	c	c	c	bc	60	43	*	*	*	o overcast sky.	8	39-46	17.2-20.7	
Aberdeen ...	bc	bc	bc	bc	53	44	4.3	1	3	p passing showers.	9	47-54	20.8-24.4	
†East Fortune ...	c	c	c	c	57	45	*	*	*	q squalls.	10	55-63	24.5-23.5	
†Howden ...	pc	pc	pc	bc	60	40	*	*	*	r rain.	11	64-75	28.5-33.5	
†Felixstowe ...	c	c	c	bc	58	47	*	*	*	rs sleet, i.e., rain and snow together.	12	Above 75	33.6 or above	
†Cranwell (Lincs) ...	c	c	c	bc	61	41	*	*	*	s snow.				
†Bedford ...	pc	pc	pc	bc	59	43	*	*	*	t thunder.				
Benson ...	bc	c	*	*	62	45	3.0	-	-	u ugly, threatening sky.				
London (Kew Obs.) ...	bc	bc	bc	bc	60	45	3.9	-	-	v unusual visibility.				

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

bc sky partly cloudy (one half covered).

c generally cloudy (three quarters covered).

d drizzle, or fine rain.

e wet air without rain falling.

f fog, g gloom.

h hail, l lightning.

m mist.

o overcast sky.

p passing showers.

q squalls.

r rain.

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

s snow.

t thunder.

u ugly, threatening sky.

v unusual visibility.

w dew.

x hoar frost.

y dry air; humidity less than 60 per cent.

z dust haze; the turbid atmosphere of dry weather.

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

**SYMBOLS—**

Aurora      ☉ Solar halo      ☉

Rime      ☾ Lunar halo      ☉

Glazed frost      ☉ Solar corona      ☉

Glazed roads      ☉ Lunar corona      ☉

LONDON. OBSERVATIONS.		WEATHER.			Max. Temp.	Min. Temp.	Min. on Grass.	Rain- fall.	Sun- shine to Sunset.	HUMIDITY %		SOUTH KENSINGTON (Meteorological Office).	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				
		Morning.	Afternoon.	Night.	° F.	° F.	° F.	mm.	Hours.	15 h. G.M.T.	9 h. G.M.T.		Vertical Component of Solar Radiation per Square Centimetre during yesterday.	Stations.	Sunrise.	Noon.	Sunset.
		24 HOURS ENDED 9h G.M.T. 30 <sup>th</sup>								YESTERDAY.	TO-DAY.						
Greenwich (Royal Observatory)	o. bc	bc. o	o	62	45	36	-	6.0	55	73	Total.....1501..... Joules.  Milliwatts.  Average Rate. 25.2  Maximum Rate. 90	Yarmouth... {  Greenwich {  Wick ... {  Valencia ... {	G.M.T. 3.35 3.48 3.10 3.11 4.26	G.M.T. 11.56 11.56 12.3 12.3 12.15 12.15 12.44	G.M.T. 8.17 8.17 8.18 8.19 9.2 9.2		
City (Banhill Row)	*	*	*	*	*	*	*	6.3	59	83							
Westminster (St. James's Park)	*	*	*	62	45	39	-	6.6	59	83							
" (Admiralty Arch)	bc. c	cq. p	bc. c	62	46	*	-	6.5	64	80							
Camden Sq. (British Rainfall)	*	*	*	64	44	40	-	7.2	*	69							
Kensington Palace	o. bc	bc. op	*	61	44	37	-	*	*	70							
Richmond Park	*	*	*	*	*	*	*	*	*	*							

## NOTES ON THE WEATHER OF YESTERDAY.

Temperature was again low for the time of year. At some Scottish stations it did not touch 50°, in many parts of England failed to reach 60°, and in very few localities rose to 65°. Showers were experienced in many places, but the rainfall measurements were slight. Bright sunshine records varied from about 5 hours, over a large portion of the Kingdom to about 10 hours, at some Western and Southern stations. In Scotland E and NE there was very little.