

2127(332)  
M.O. FORM 2610

METEOROLOGICAL OFFICE,  
LONDON.

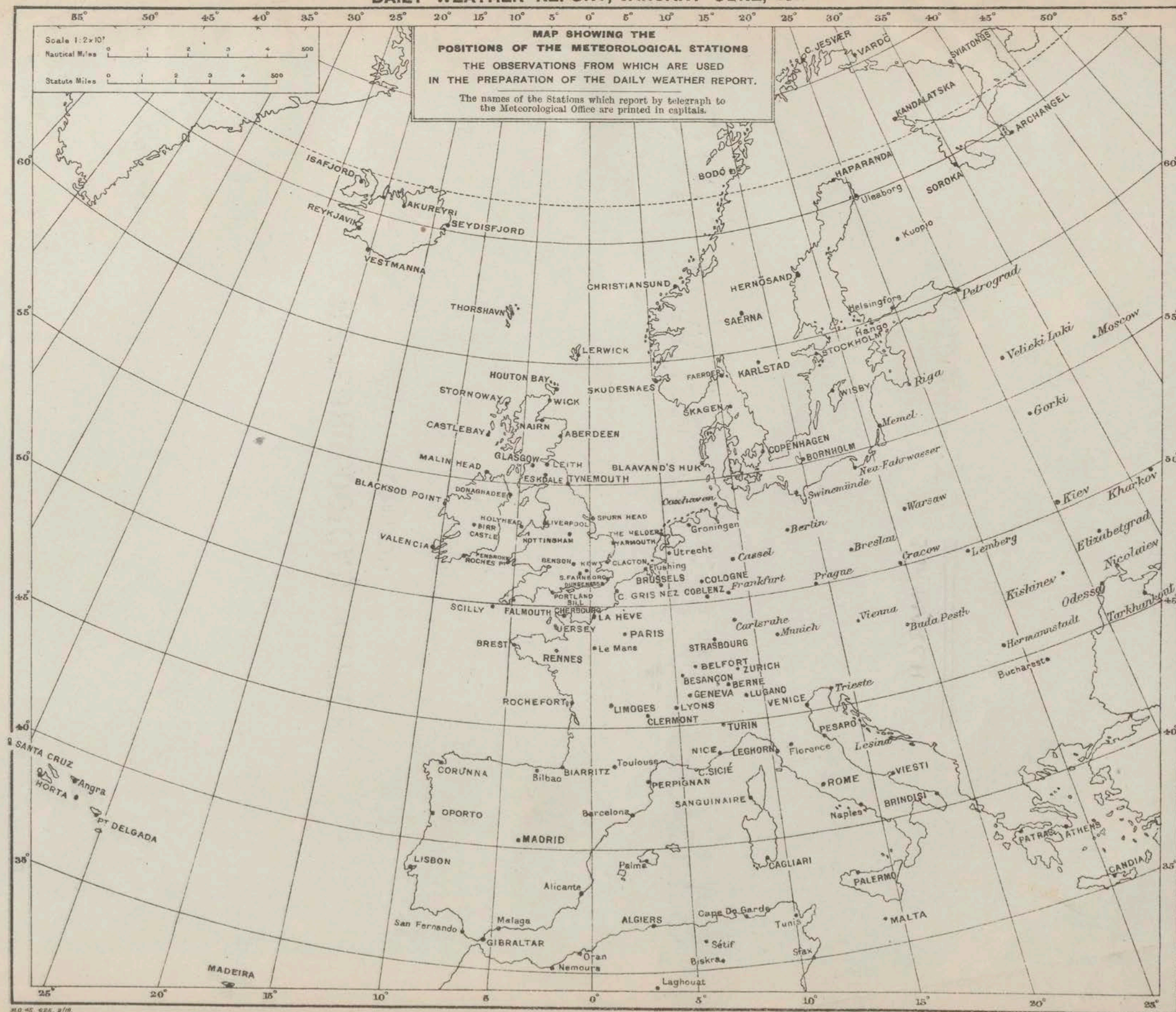
---

DAILY WEATHER REPORTS

---

1<sup>ST</sup> JANUARY TO <sup>31<sup>ST</sup> MARCH</sup> ~~30<sup>TH</sup> JUNE~~, 1919.

## DAILY WEATHER REPORT, JANUARY-JUNE, 1919.



# DAILY WEATHER REPORT. APPENDIX I.

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

### FIRST QUARTER, JANUARY TO MARCH.

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

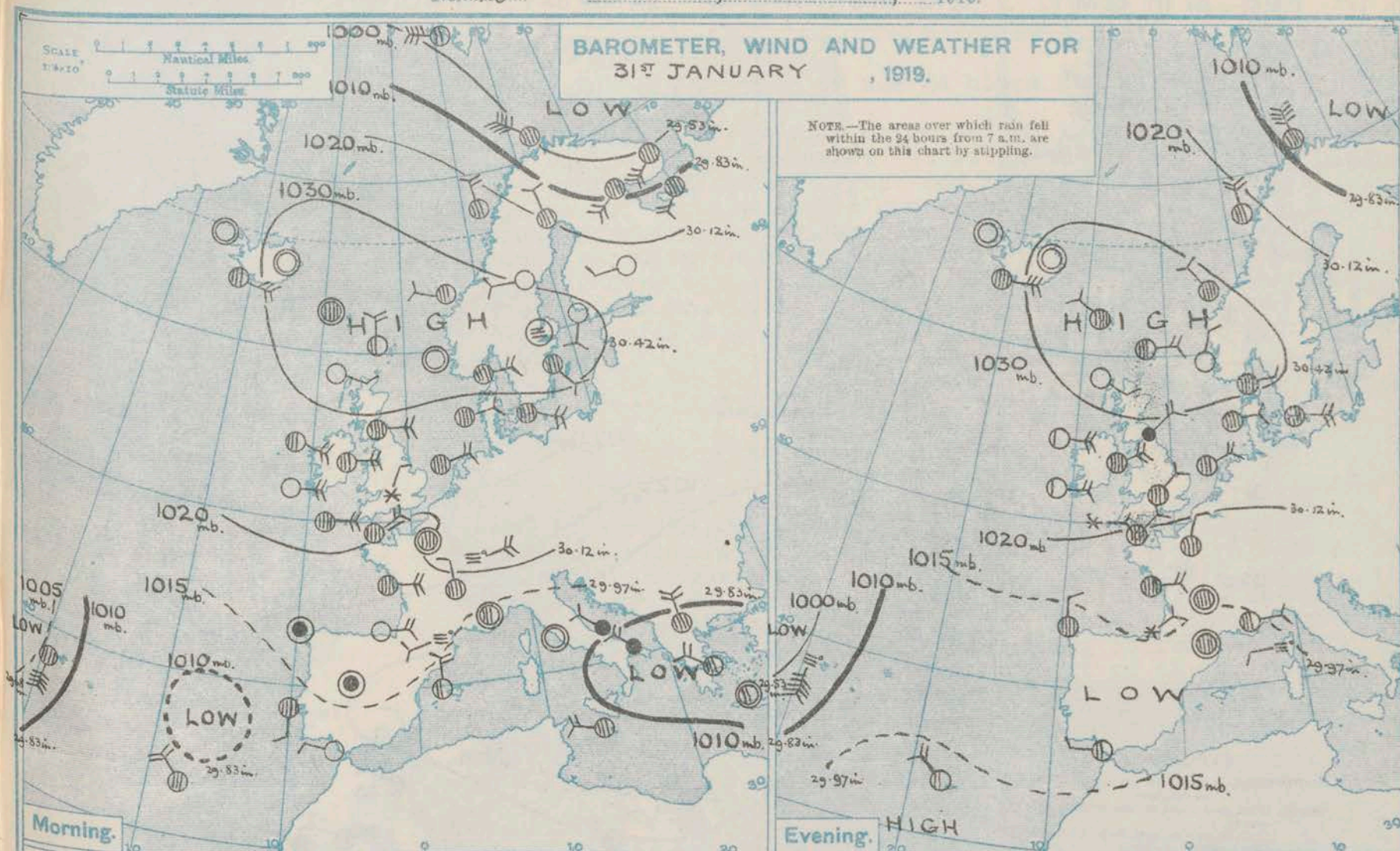
STATIONS.	PRESSURE. 1906-1915.  7 a.m. Observations (reduced to M.S. Level).	AIR TEMPERATURE.								RAINFALL. 1881-1915.		BRIGHT SUNSHINE. 1881-1915.	
		Means of			Absolute Extremes.					Days with Rain.	Total Fall.	Daily Mean.	Per Cent- age of Possible Duration.
		1906-1915.	1881-1915.		1881-1915.								
			Dry Bulb 7 a.m.	Daily Maxi- mum.	Daily Mini- mum.	Maximum.		Minimum.					
						Temp.	Year.	Temp.	Year.				
Lerwick	mb. 1007.0	39.6	42.6	35.6	52	1898	1910	16	1910	27	108	4.26	—
Stornoway	1008.3	40.3	43.7	34.9	55	1890	1881	11	1881	25	131	5.17	13
Castlebary (Barra Isd.)	[1009.0]§	[43.0]§	[45.6]§	[39.3]§	[52]§	[1908, 09, 10, 14]§	[28]§	[1910]§	[24]§	[24]§	[80]§	[3.16]§	[0.97]§
Eskdalemuir	[1012.7]¶	[34.8]¶	[39.6]¶	[30.4]¶	[51]¶	[1910, 11, 15]¶	[3]¶	[1910]¶	[21]¶	[114]¶	[4.48]¶	[1.01]¶	[14]¶
Malin Head	1010.3	41.1	44.4	37.4	55	1898	1894	23	1894	22	66	2.61	—
Blackod Point	1011.9	43.7	46.5	38.8	56	1890	1890	26	[1891, 94]¶	[25]¶	[129]¶	[5.09]¶	—
Valencia	1014.9	44.4	48.5	40.2	55	1882, 3, 4, 8, 9, 98, 1901	1894	20	1894	24	139	5.49	19
Roche's Point	1016.0	43.2	47.5	39.4	57	1889	1894	20	1894	21	105	4.15	—
Birr Castle	1014.3	39.3	45.2	34.3	57	1898	1881, 94	6	1881, 94	20	72	2.83	1.61
Donaghadee	1013.5	40.5	44.8	36.3	58	1898	1881	14	1881	20	64	2.53	—
Liverpool (Observatory)	1015.4	38.7	43.3	35.3	58	1898	1881	9	1881	17	54	2.12	[1.94]§
Holyhead	1014.8	42.3	45.2	38.4	54	1899, 1915	1894	20	1894	19	74	2.91	[1.42]¶
Pembroke (St. Ann's Hd.)	1015.9	42.9	45.9	39.4	53	1899, 1907, 14	1881, 94, 1907	19	1881, 94, 1907	20	84	3.31	1.71
Scilly (St. Mary's)	1017.3	45.6	49.1	42.3	57	1899	1894	25	1894	21	76	2.98	1.90
Falmouth	1018.0	43.1	46.9	39.9	55	1888, 90, 96	1894	20	1894	20	107	4.21	1.87
Jersey (St. Aubin's)	1019.0	42.8	46.6	38.6	57	1899	1891	12	1891	20	75	2.94	2.19
Portland Bill	1016.5	43.0	45.5	38.7	[52]†	[1901, 03, 05, 11, 12, 13, 15]	[23]†	[1907]†	[1907]†	16	57	2.26	—
Dungeness	1016.6	39.4	43.8	34.7	55	1898	1893	11	1893	16	48	1.90	—
Dover	[1015.5]§	[38.1]§	[43.2]§	[34.4]§	[55]§	[1914]§	[17]§	[1910]§	[1910]§	[18]§	[57]§	[2.25]§	[2.10]§
Wick	1008.5	38.0	42.5	33.3	60	1898	1881	—	1881	21	62	2.46	—
Nairn	1009.5	36.9	42.6	31.8	59	1887	1910	4	1910	18	51	1.99	[1.32]‡
Aberdeen	1011.1	37.1	42.3	33.4	59	1898	1881	4	1881	18	55	2.18	1.55
Leith	1012.0	39.2	44.0	34.2	58	1898	1881	9	1881	15	42	1.66	—
Tynemouth	1013.5	38.5	43.5	33.6	58	1898	1881	6	1881	15	41	1.61	—
Spurn Head	1014.3	38.3	42.1	34.7	55	1898	1881	13	1881	15	35	1.36	[1.29]¶
Yarmouth	1015.9	37.8	41.8	33.7	57	1899	1881	10	1881	18	44	1.74	[1.81]§
Clacton-on-Sea	1016.8	37.7	41.8	33.9	[55]‡	[1914]‡	[18]‡	[1915]‡	[1915]‡	14	34	1.84	1.87
Nottingham	1015.7	37.1	42.6	32.6	56	1882, 88, 98, 99	1881	2	1881	19	40	1.81	1.10
LONDON (Kew Obsy.)	1017.5	38.3	43.1	34.6	56	1908, 10, 14	1881	9	1881	16	45	1.76	1.39
Lerwick	1002.6	39.0	42.1	34.5	53	1910	1895	17	1895	23	80	3.16	—
Stornoway	1004.0	39.2	44.1	34.2	55	1891	1892	12	1892	22	113	4.46	2.05
Castlebary (Barra Isd.)	[1005.0]§	[42.7]§	[45.8]§	[38.9]§	[52]§	[1914]§	[27]§	[1912]§	[1912]§	[22]§	[91]§	[3.58]§	[1.76]§
Eskdalemuir	[1007.6]¶	[35.4]¶	[41.9]¶	[31.6]¶	[51]¶	[1912]¶	[10]¶	[1912]¶	[1912]¶	[22]¶	[183]¶	[7.19]¶	[1.60]¶
Malin Head	1005.8	40.7	44.6	37.1	59	1891	1895	20	1895	19	61	2.41	—
Blackod Point	1008.0	42.9	46.7	38.1	61	1891	1912	23	1912	22	103	4.06	—
Valencia	1010.6	43.5	48.8	39.7	58	1895	1895	21	1895	21	132	5.20	2.48
Roche's Point	1011.4	42.5	47.8	39.1	56	1889, 1896	1895, 1900, 02, 12	25	1895, 1900, 02, 12	18	91	3.70	—
Birr Castle	1009.7	39.1	46.7	34.4	60	1912	1895	6	1895	17	58	2.29	2.41
Donaghadee	1009.4	40.0	45.6	35.7	57	1897, 1901, 11	1895	16	1895	18	58	2.10	—
Liverpool (Observatory)	1010.7	38.7	44.2	35.6	59	1885, 1898	1895	12	1895	16	42	1.68	[2.66]§
Holyhead	1010.2	41.9	45.4	38.0	59	1891	1895	17	1895	17	61	2.43	[2.50]¶
Pembroke (St. Ann's Hd.)	1011.3	42.2	45.6	38.9	56	1903	1895	23	1895	17	62	2.66	2.70
Scilly (St. Mary's)	1012.8	45.1	48.9	41.7	57	1896, 1899	1895	27	1895	17	65	2.57	3.01
Falmouth	1013.8	42.6	47.1	39.6	58	1899	1895	22	1895	17	94	3.70	2.98
Jersey (St. Aubin's)	1015.2	42.4	47.3	38.7	62	1891	1895	18	1895	17	62	2.44	3.30
Portland Bill	1012.5	42.4	45.6	38.5	[54]†	[1905]†	[24]†	[1912]†	[1912]†	13	49	1.93	—
Dungeness	1012.9	39.5	44.5	35.2	57	1897	1899	11	1899	15	41	1.60	—
Dover	[1014.1]§	[39.4]§	[45.6]§	[35.9]§	[56]§	[1913]§	[17]§	[1912]§	[1912]§	[17]§	[43]§	[1.68]§	[1.16]§
Wick	1003.9	37.8	42.8	32.8	57	1897, 1903	1895	2	1895	19	58	2.27	—
Nairn	1005.0	36.8	43.9	31.3	64	1891	1895, 97	0	1895, 97	17	46	1.80	[2.59]‡
Aberdeen	1006.7	37.7	43.2	33.4	64	1897	1895	6	1895	17	52	2.05	2.59
Leith	1007.2	38.8	45.2	33.8	59	1882	1895, 1912	12	1895, 1912	14	36	1.42	—
Tynemouth	1008.7	38.5	44.5	33.7	60	1898, 99	1895	7	1895	14	35	1.37	—
Spurn Head	1010.0	38.7	43.0	35.1	61	1899	1895	20	1895	14	31	1.21	[2.79]¶
Yarmouth	1012.1	38.1	42.9	34.0	60	1912	1895	15	1895	15	38	1.49	[2.84]§
Clacton-on-Sea	1012.9	38.1	42.9	34.4	[58]‡	[1903]‡	[18]‡	[1912]‡	[1912]‡	12	32	1.25	2.94
Nottingham	1011.4	37.6	44.6	33.2	61	1899	1895	2	1895	16	39	1.55	2.06
LONDON (Kew Obsy.)	1013.5	38.5	45.0	35.1	62	1899	1895	11	1895	13	39	1.54	2.13
Lerwick	1005.7	38.3	42.9	34.4	57	1893	1891	19	1891	25	80	3.14	—
Stornoway	1007.4	38.6	45.3	34.4	57	1894, 1907	1881	13	1881	24	104	4.10	3.39
Castlebary (Barra Isd.)	[1006.7]§	[41.7]§	[45.7]§	[38.5]§	[52]§	[1911]§	[27]§	[1915]§	[1915]§	[22]§	[77]§	[3.02]§	[1.87]§
Eskdalemuir	[1007.2]¶	[35.2]¶	[44.2]¶	[31.9]¶	[51]¶	[1910, 1915]¶	[16]¶	[1913]¶	[1913]¶	[21]¶	[133]¶	[5.24]¶	[3.10]¶
Malin Head	1008.2	40.7	46.0	37.7	62	1894	1906	25	1906	21	59	2.32	—
Blackod Point	1009.8	42.7	47.9	38.6	64	1894, 1899	1895	26	[1891, 1900, 09]	23	104	4.10	—
Valencia	1011.8	43.4	50.0	39.9	66	1899	1899, 1901	26	1899, 1901	21	115	4.54	3.97
Roche's Point	1012.2	42.5	49.3	39.2	61	1899	1890	27	1890	18	76	3.01	—
Birr Castle	1011.0	38.8	49.2	34.6	66	1894	1891	18	1891	18	61	2.40	3.55
Donaghadee	1010.1	39.9	47.4	36.7	64	1892	1892, 1906	25	1892, 1906	19	56	2.19	—
Liverpool (Observatory)	1011.0	39.6	46.9	36.9	65	1884, 94, 1907	1886	21	1886	17	48	1.90	[3.52]§
Holyhead	1010.8	41.9	46.9	38.4	67	1894	1881	27	1881	18	67	2.62	[4.05]¶
Pembroke (St. Ann's Hd.)	1011.7	41.9	46.7	39.0	58	1899	1888, 1909	26	1888, 1909	17	66	2.58	4.19
Scilly (St. Mary's)	1012.6	45.0	49.9	42.0	59	1893	1883, 90, 91	30	1883, 90, 91	18	62	2.45	4.52
Falmouth	1013.4	42.7	48.7	39.8	60	1914	1890	24	1890	18	88	3.46	

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

N20,890

SATURDAY, 1<sup>ST</sup> FEBRUARY, 1919.

## BAROMETER, WIND AND WEATHER FOR 31<sup>ST</sup> JANUARY, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 31<sup>ST</sup> JANUARY

STATIONS.		EVENING OF 30 <sup>TH</sup>					MORNING OF 31 <sup>ST</sup>										AFTERNOON OF 31 <sup>ST</sup>								
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND		Weather.	BAROMETER. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Weather.	Rain- fall. Milli- metres.	TRMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.		Weather.		
				Dirac.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.			Max.	Min.			Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.			
		*F.					*F.	*F.						*F.	*F.			*F.	*F.						
RUSSIA.	Orlov ...	*	*	*	*	*	1003.5	*	28	+9	SW	5	o	*	*	*									
	Kem ...	*	*	*	*	*	1015.0	*	30	+7	W	6	o	*	*	*		Isafjord ...	1029.5	30	-7	-	o	b	
	Archangel ...	*	*	*	*	*	1015.4	-5	25	+6	SW	3	o	-	*	*	*		Reykjavik ...	1029.0	36	+2	E	4	c
	Imandra ...	*	*	*	*	*									*	*			Vestmanna ...	1029.0	39	+2	E	5	o
S.WEDEN.	Haparanda ...	1021.3	23	SW	2	o	1019.0	*	27	+9	N	2	o	*	*	*		Seydisfjord ...	1030.7	30	-4	-	o	b	
	Hernösand ...	1034.7	7	N	2	b	1029.3	*	21	+16	W	2	b	*	*	*		Thorshavn ...	1033.7	37	o	-	o	o	
	Stockholm ...	1037.9	21	-	0	f	1034.1	*	12	-11	-	0	f	*	*	*		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.							
	Wisby ...	1036.3	25	E	2	b	1033.5	*	21	-2	SE	2	o	*	*	*		1 <sup>ST</sup> & 2 <sup>ND</sup> FEBRUARY 1919.							
	Sordovalä ...						1022.7	*	19	0	W	1	b	*	*	*									
	Hangö ...						1033.2	*	?	?	SSW	2	b	*	*	*									
ITALY.	Venice ...																								
	Turin ...																								
	Pesaro ...	1014.9	34	-	0	b	1016.7	*	28	?	-	0	f	-	39	27									
	Leghorn ...	1012.3	41	WNW	3	o	1014.6	*	36	?	W	3	o	-	45	34									
	Rome ...	1011.4	41	-	0	b	1013.8	*	37	?	-	0	b	-	46	36									
	Viesti ...	1000.9	41	N	2	b	1011.8	*	36	?	-	0	b	-	50	36		Yarmouth ...							
	Brindisi ...	1005.4	48	W	2	r	1011.5	*	43	?	NW	2	r	4	46	39		Greenwich ...							
	Cagliari ...	1005.9	45	NNW	3	r	1007.4	*	45	?	NW	3	r	7	50	41		Wick ...							
	Palermo ...																	Valencia ...							
	Tripoli ...																								

LONDON				24 HOURS ENDED 9 h. 1 <sup>ST</sup> .....									
				Humidity.		Sun- shine for 31 <sup>ST</sup>	TEMPERATURE.		Rain- fall.	WEATHER.			
1 <sup>ST</sup> FEBRUARY...9h. G.M.T.				15 h.	9 h.		Max.	Min.		Min. on Grass	Morning.	Afternoon.	Night.
				31 <sup>ST</sup>	1 <sup>ST</sup>	31 <sup>ST</sup>							
				%	%	Hours.	° F.	° F.	°	mm.			
GREENWICH (Royal Observatory)				88	91	0.0	30	28	28	1	OS	OS	OS
CITY (Bunhill Row) ..				x	x	0.0	x	x	x	x	x	x	x
WESTMINSTER (St. James's Park)				100	100	0.0	32	28	28	0.5	x	x	x
(Roof near Charing Cross) ..				96	93	0.0	31	28	x	0.3	om <sup>2</sup>	om sp	omsp <sup>1</sup>
CAMDEN SQ (British Rainfall) ..				90	100	0.0	31	27	26	1	OS	0	x
KENSINGTON PALACE				x	93	x	31	28	28	0.0	0	OS	x
RICHMOND PARK.				x	x	0.0	x	x	x	x	x	x	x

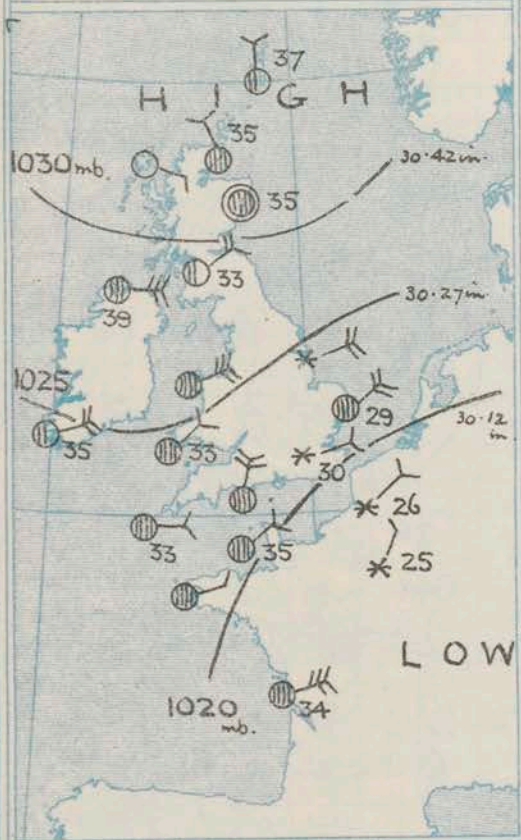
SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during 31 <sup>ST</sup>		
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
0	0	0

Printed at the Meteorological Office, South Kensington, London, S.W. 7.  
By WILKIN & SONS LTD., Fetter Lane, London, E.C. 4, and Reading

The barometric change is expressed in half-millibars.

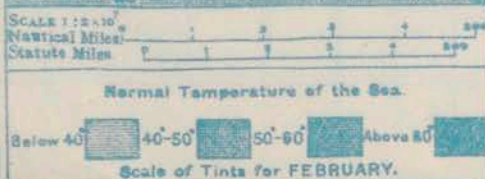
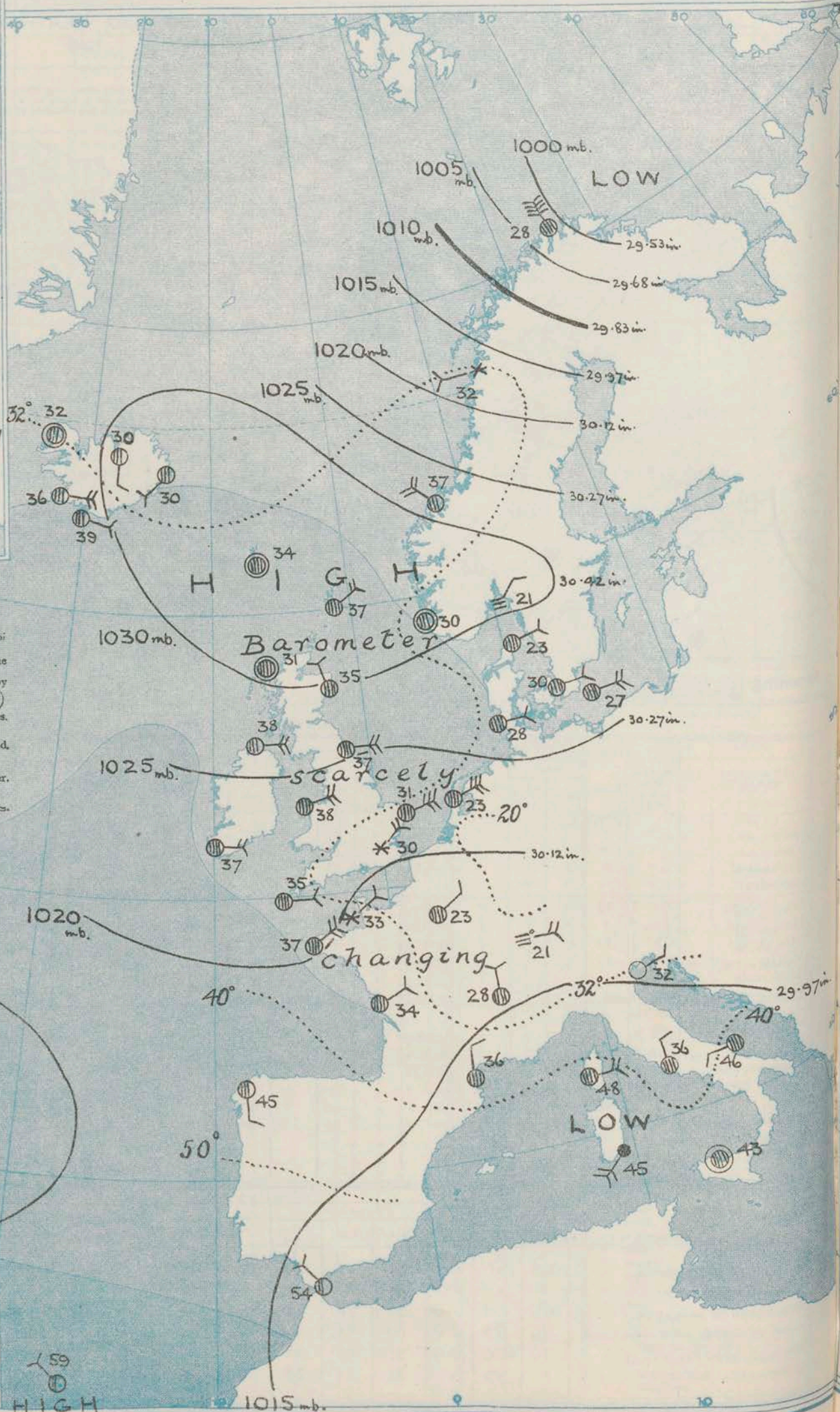
1<sup>ST</sup> FEB, at 1h. G.M.T.

THE MORNING OF SATURDAY, 1<sup>ST</sup> FEBRUARY 1919 at 7h. G.M.T.

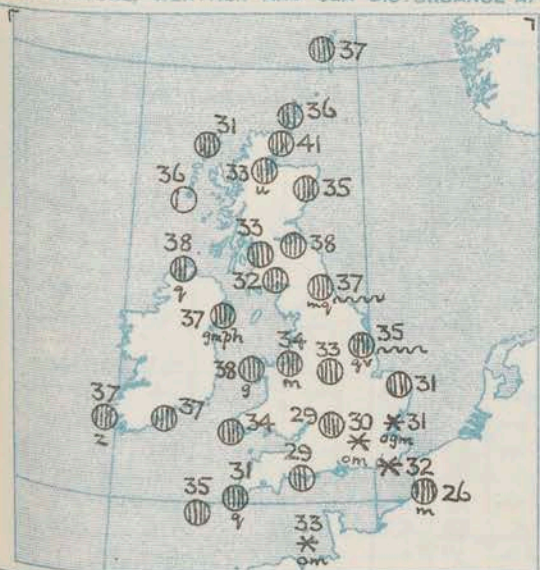


# EXPLANATION.

**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.  
**TEMPERATURE**—Given in degrees Fahrenheit.  
 Isotherms shown by dotted lines.  
**WEATHER**—Shown by the following symbols:—  
 ○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.  
 ○ sky 3/4 clouded. ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 K, thunderstorm.  
**SEA DISTURBANCE**—Rough ~~~~~ High ~~~~~



## TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



## NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

Temperature remained below  $32^{\circ}$  in the south Midlands and south-eastern counties and below  $40^{\circ}$  in most other parts of the Kingdom. Frost occurred at night very generally, the lowest minimum reported being  $26^{\circ}$  at South Farnborough. Snow showers, generally slight, were experienced in nearly all districts and the day was again sunless over the greater part of England. In the Hebrides, the east of Scotland, at Valencia and in the extreme south-west of England, the sunshine records were moderate to large.

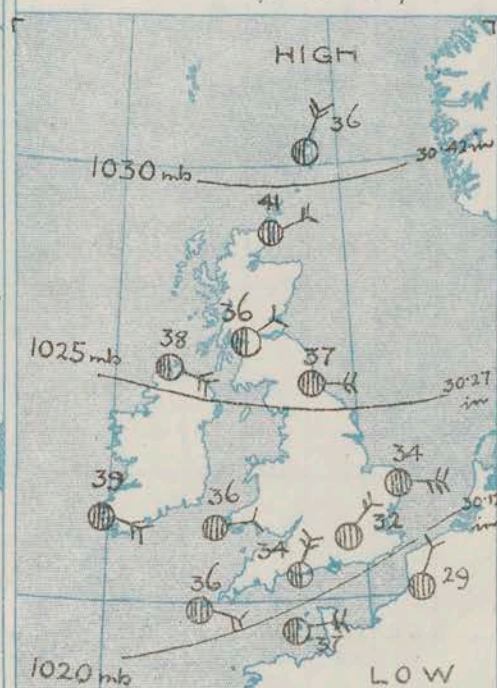
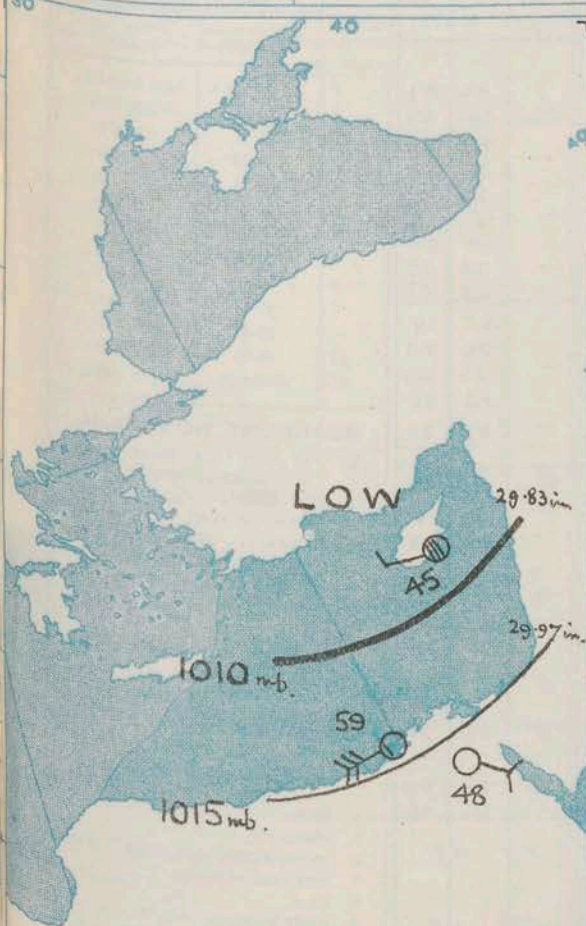
The Conditions at 7h. Today

The high pressure system in the north has become more restricted in its area, and the barometer is now highest between the Farøe and Iceland. Pressure is still relatively low over the Gulf of Genoa region, and lowest to the northward of Norway. A gentle decrease is in progress in the north, but elsewhere the barometer is about stationary. The wind has changed little in force, but has become rather more North-Easterly over the south-eastern half of England. Slight snow is falling about the Thames Estuary and over the eastern part of the Channel. Over the British Isles generally the sky is overcast, mist is reported in various places, and hail showers at Donaghadee.

The Outlook

There are still no definite indications of any great change in the pressure distribution, so that Easterly and North-Easterly winds are likely to continue.

H.H.

SATURDAY, 1<sup>ST</sup> FEBRUARY, 1919, at 13h. (1 p.m.) G.M.T.

Pressure has decreased slowly since 7h. and the wind has veered somewhat on our Western coasts.

STATIONS.	EVENING OF... 31 <sup>ST</sup> ...					MORNING OF... 1 <sup>ST</sup> ...										24 HOURS ENDED 7 h. 1 <sup>ST</sup> ...					Sun- shine for 31 <sup>ST</sup> Hours.	
	Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
			Dir.	Force 0-12.				Dry Bulb.	Change in 24 hours.						Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick ...	1032.4	38	E	3	bc	1031.4	-2	37	+3	NE	3	-	ome	2	1	38	32	bc	bc	emph	*
	Houton B. (Orkney) ...	1033.5	35	NE	4	o	1031.7	-1	36	+2	ENE	3	*	c	2	*	38	33	c, o	c	ch	*
	Stornoway ...	1032.4	33	ESE	1	b	1030.4	-1	31	-3	-	o	-	o	0	-	41	28	b	b	b, o	5.9
	Castlebay (Barra Isd.) ...	1030.9	37	E	2	b	1029.0	+1	36	-5	ENE	3	-	b	2	-	41	36	bc, b	b	b	6.7
	Glasgow ...	1029.7	35	NE	3	c	1028.6	-1	33	-2	ENE	2	-	o	*	0.2	37	31	o, c, o	o, c	bc, o, s	0.0
	Eskdalemuir ...	1028.2	33	NNE	4	o	1027.6	o	32	-1	NE	4	-	o	*	-	35	31	o	o	o	0.0
	Malin Head ...	1028.3	39	E	4	emg	1026.9	-1	38	+1	E	4	SE	eq	4	-	40	37	emg	emg	eq	0.0
	Blackod Point ...	1026.9	35	E	4	b, y												b, y	b, y	b, y	*	
	Valencia (Cabirciveen) ...	1024.5	35	E	3	b	1022.2	-2	37	o	E	3	-	og	0	-	39	32	b, y	b, y	b, y	6.2
	Roche's Point ...	1024.7	33	NE	1	b	1023.7	-1	37	+2	E	1	-	o	3	Trace	38	33	o, c	c, o	b, o	*
	Birr Castle ...																					
	Donaghadee ...	1026.6	39	E	4	emg, ph	1025.9	o	37	-1	E	4	-	ogm, ph	4	Trace	39	36	bc, o, y	o, y	emg	*
	Liverpool (Bidston) ...	1025.1	35	ENE	2	o	1024.4	o	34	+2	NE	2	-	om	2	-	36	32	o, y	o, y	om	0.0
	Holyhead ...	1024.9	37	ENE	4	og	1024.4	+1	38	+1	ENE	4	-	og	3	Trace	38	35	ch, o	ch, o	o, s	0.5
	Pembroke (St. Ann's) ...	1023.7	34	ENE	3	o	1024.1	?	34	+5	NE	2	-	og	2	-	37	28	c	c	o	1.4
	Scilly (St. Mary's) ...	1022.8	35	E	2	ch, s	1022.3	o	35	+1	E	2	-	o	4	0.2	37	31	bc	bc	ch, o, o	4.8
	Falmouth ...	1021.9	33	NNE	3	o, s, m	1022.2	-1	31	+1	NE	5	-	og	x	-	37	28	c, bc, m	bc, m, o	og	4.8
	Jersey (St. Aubin) ...	1019.5	36	NE	3	o	1019.0	o	33	-4	NE	2	-	osm	2	1	37	32	o	o	o, s, m	0.0
	Portland Bill ...	1021.3	29	NE	3	c	1021.2	o	29	-2	ENE	3	-	c	3	-	31	29	c	c	c	*
	Dungeness ...	1020.3	32	E	4	o	1019.7	o	32	+3	E	3	-	s	2	2	33	28	o, s	c, o	o, s, o	*
Wick ...	1032.1	39	NNW	1	o	1030.1	-1	41	+2	E	2	-	o	4	0	43	33	em	c, o, y	bc, o, y	*	
Nairn ...	1031.1	29	-	o	bc	1029.3	x	33	+4	-	o	-	ou	0	2	36	28	em	c, o, y	bc, o, y	4.3	
Aberdeen ...	1031.1	38	ENE	3	bc	1029.6	-1	35	-3	NNW	2	-	o	3	-	42	34	c, b, y	bc, b, y	bc, c, b	4.5	
Leith ...	1028.8	39	E	3	o	1028.2	o	38	-1	E	2	-	o	3	1	40	35	o, ch, o	o	o, y, o, o	*	
Tynemouth ...	1026.6	37	NE	3	emg	1025.4	*	37	o	E	4	-	emg	5	4	39	35	emg	emg	emg	*	
Spurn Head ...	1024.0	35	E	4	og, ph	1023.1	-1	35	o	ENE	5	-	og, ph	5	2	35	33	og	og, ph	og, ph	0.0	
Yarmouth (Gorleston) ...	1021.8	30	E	4	o	1021.3	-1	31	+2	ENE	5	-	om	4	-	32	28	o	om	om	0.0	
Clacton-on-Sea ...	1021.9	30	N	3	ogm	1021.2	-1	31	+1	NNE	3	-	ogm	2	1	31	29	ogm, ph	ogm, ph	ogm, ph	0.0	
Nottingham ...	1024.2	32	ENE	2	o	1023.5	*	33	+1	NE	2	NE	o	*	1	33	30	os	so	o	0.0	
Benson (Oxon.) ...	1022.6	28	NE	3	o	1021.7	-1	29	+2	NNE	3	-	o	x	0.3	29	27	os	o	o	*	
St. Farnborough ...	-	-	N	2	osm	1022.1	o	29	+2	NE	4	-	om	*	0.3	29	26	os, osm	osm	os, om	0.0	
Salisbury Plain ...	-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*	
London (Kew Obs.) ...	1022.2	30	NE	2	m	1021.7	o	30	+2	NE	3	-	oms	*	Trace	30	27	os, o, m, o	om, om, o	om, os, om, o	0.0	
NORTHERN EUROPE.	Isafjord ...	1029.5	28	-	o	b	1029.1	-3	32	+4	-	o	-	c	*	*	*	*	*	*	*	
	Reykjavik ...	1026.1	37	E	2	c	1029.1	o	36	+2	E	4	-	c	*	*	*	*	*	*	*	
	Vestmanna ...	1028.8	39	E	5	o	1028.7	o	39	o	ESE	2	-	c	*	*	*	*	*	*	*	
	Seydisfjord ...	1031.1	28	-	o	b	1032.6	o	30	+2	SW	2	-	c	*	*	*	*	*	*	*	
	Thorshavn ...	1033.6	37	WNW	2	o	1031.7	-1	34	o	-	o	-	o	*	*	*	*	*	*	*	
	Spitsbergen ...												*		*	*	*	*	*	*	*	
	Vardö ...														*							
	Gjesvår ...	1005.9	30	N	8	o	1005.9	*	28	-2	N	8	-	o	5	7	32	27				
	Bodö ...	1024.7	32	N	4	c	1016.6	-5	32	+2	W	2	-	s	2	?	32	28				
	Christiansund ...	1030.7	37	NW	2	o	1027.8	-2	37	o	NW	4	-	c	4	-	37	36				
Skudesnaes ...	1030.6	34	NNE	1	b	1030.0	-1	30	+3	-	o	-	c	2	-	34	25					
Færder (Xlantia Fjord) ...	1031.9	23	NE	1	b	1030.3	-1	21	+2	NE	1	-	f	0	-	23	19					
The Scaw (Skagen) ...	1030.3	25	E	1	o	1029.0	-1	23	-4	ENE	2	-	o	x	-	27	23					
Blaavands Huk ...	1027.9	28	E	2	o	1027.5	o	28	o	ENE	2	-	o	*	-	30	25					
Copenhagen ...	1028.7	28	ESE	2	o	1026.9	-1	30	+2	E	2	-	o	*	-	30	27					
Bornholm ...	1027.0	23	ESE	4	o	1025.7	-1	27	+4	E	4	-	o	1	-	28	21					
FRANCE, &c.	The Helder ...	1023.6	21	ENE	3	c	1022.9	-1	23	+4	ENE	5	-	o	3	-	25	19				
	C. Gris Nez ...	1020.4	27	E	2	o	1020.4	o	27	o	E	2	*	s	*	-	34	25				
	La Hève ...	1020.2	27	E	3	o	1019.0	-1	28	o	NE	1	*	s	*	?	30	27				
	Brest (St. Mathieu) ...	1020.2	37	ENE	1	o	1020.7	o	37	o	NE	1	*	o	*	-	46	36				
	Roche fort (Ile d'Aix) ...	1017.3	34	E	3	o	1018.4	o	34	+4	NE	2	*	o	*	-	39	32				
	Biarritz ...	1015.7	34	ENE	2	s							*	o	*	-						
	Paris ...	1019.9	25	N	1	o	1019.3	o	23	-2	NE	1	*	o	*	Trace	27	23				
	Belfort ...						1017.5	*	21	-2	E	3	*	m	*	?	30	5				
	Lyons ...	1018.0	28	-	o	o	1016.8	-1	28	-2	NNW	2	*	o	*	-	36	28				
	Nice ...	1014.9	41	E	2	c							*	o	*	-						
Perpignan ...	1013.0	37	-	o	o	1014.3	o	36	+11	N	1	*	o	*	4	43	25					
Sanguinaire ...	1014.3	48	W	1	m	1011.8	-3	48	-	E	3	*	o	*	-	55	45					
IBERIA, &c.	Corunna ...	1011.9	54	N	1	o	1015.9	+1	45	-8	S	1	NW	c	2	5	65	45				
	Madrid ...																					
	Lisbon ...																					
	Azores (Horta) ...	1001.9	*	S	9	m	1014.3	+2	55	-6	WNW	5	*	r	6	3	63	55				
	„ (P. Delgada) ...		*										*									
Madeira ...	1016.4	64	NW	3	bc	1019.1	o	59	o	NW	2	-	bc	3	-	68	57					
Gibraltar ...	1013.9	53	W	1	bc	1014.9	*	54	+5	NW	2	*	bc	2	-	60	48					

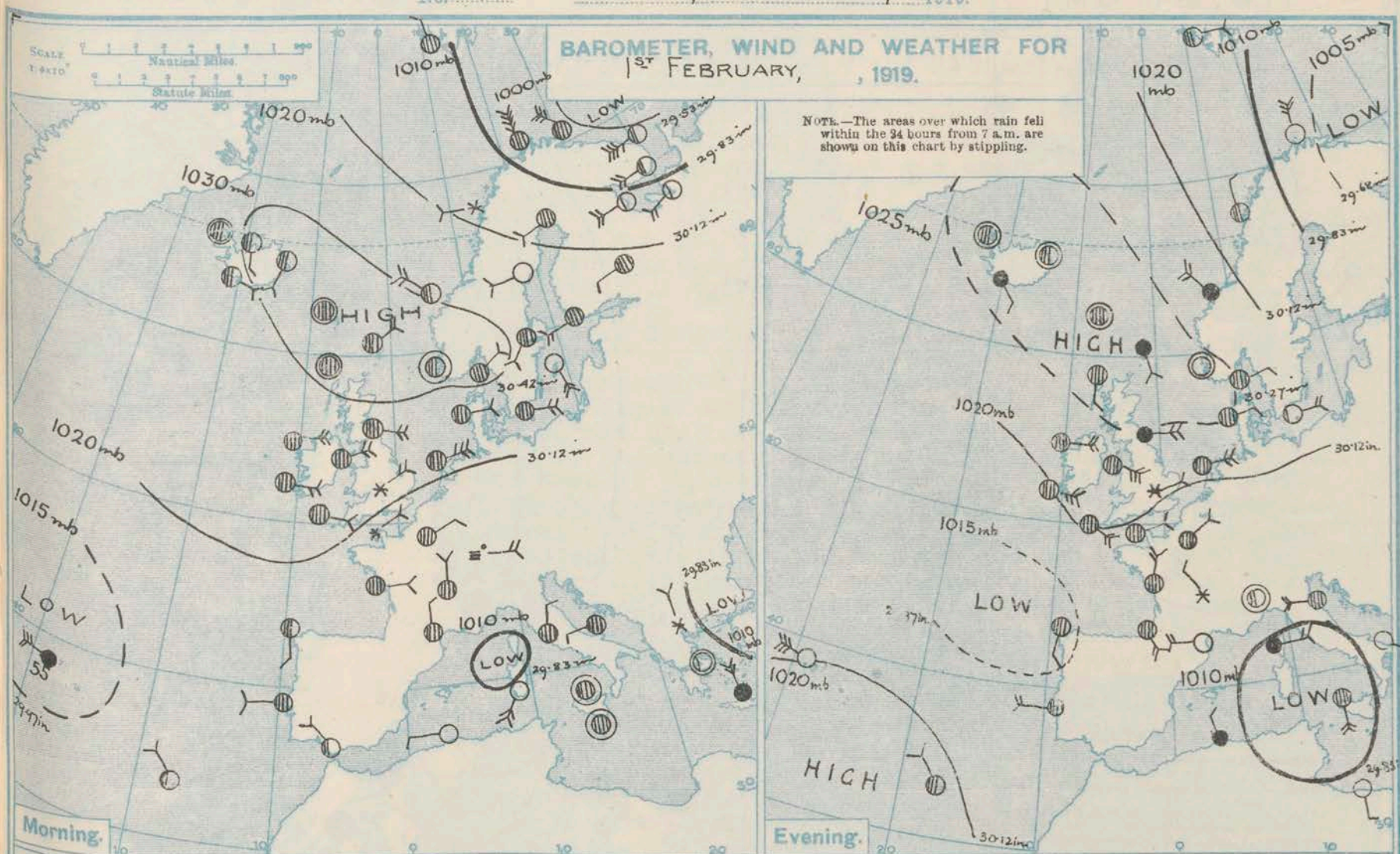
THE BEAUFORT SCALE OF  
WIND FORCE.

## Limits of Velocity.

No.	Statute miles per hour.	Meters per second.
0	Less than 1	Less than 0.3
1	1-3	0.3-1.5
2	4-7	1.6-8.3
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

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,891. SUNDAY, 2<sup>ND</sup> FEBRUARY, 1919.



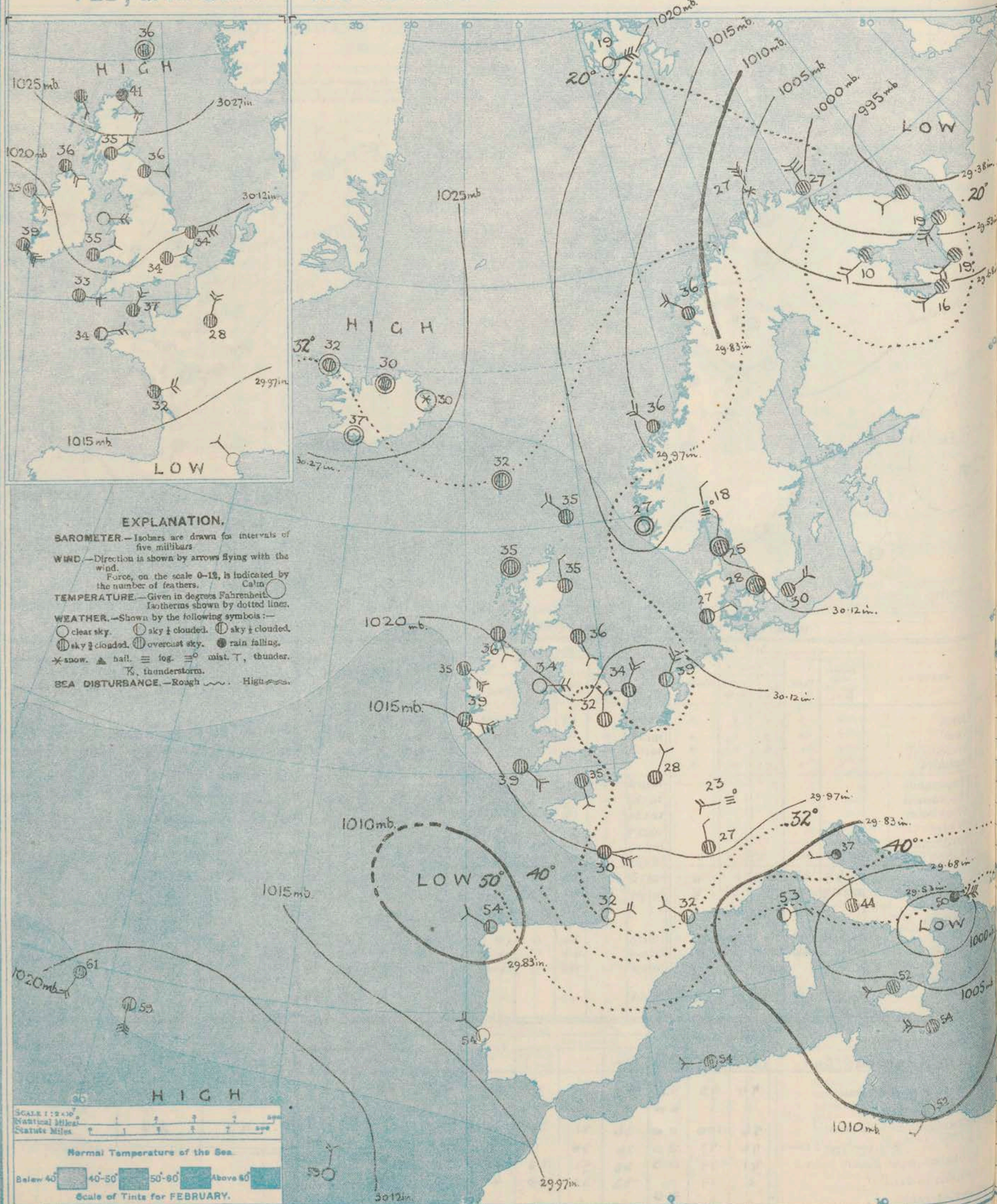
## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 1<sup>ST</sup> FEBRUARY

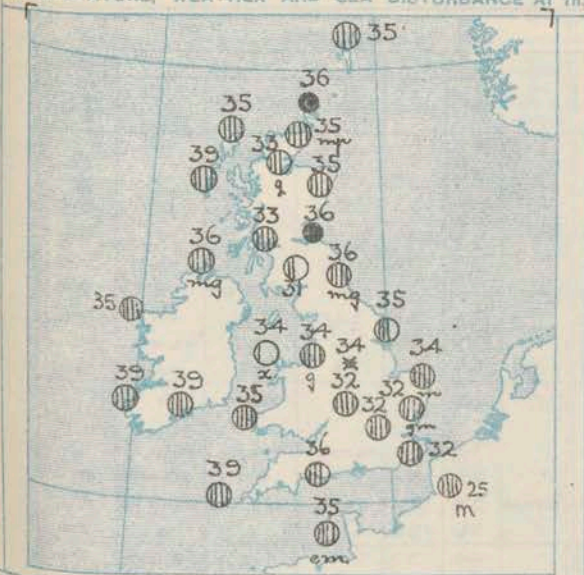
STATIONS.		EVENING OF 31 <sup>ST</sup> JAN.					MORNING OF 1 <sup>ST</sup> FEB.										AFTERNOON OF 1 <sup>ST</sup> FEB.						
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND		Weather.	BAROMETER.		TEMP.		WIND.		Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.		Weather.	
				Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.		Weather.	Max.			Min.	Dry Bulb.	Change in 24 hours.	Dir.		Force 0-12.
		°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.
RUSSIA.	Orlov ...	×	×	×	×	×	1001.4	19	+9	WSW	7	bc	×	×	×	×	Isafjord ...	1029.0	34	+4	—	0	0
	Kem ...	×	×	×	×	×	1013.9	16	-14	W	4	b	×	×	×	×	Reykjavik	1011.4	37	+1	ESE	1	0
	Archangel	×	×	×	×	×	1011.8	14	-11	W	3	b	×	×	×	×	Vestmanna	1023.2	39	0	ESE	3	0
	Imandra	×	×	×	×	×							×	×	×	×	Seydisfjord	1030.1	32	+2	—	0	0
SWEDEN.	Haparanda ...						1016.2	9	-18	SW	2	S	×	×	×	×	Thorshavn	1030.9	37	0	—	6	0
	Hernösand ...						1023.7	27	+6	W	2	b	×	×	×								
	Stockholm ...						1028.6	19	+7	SW	2	0	×	×	×								
	Wisby ...						1028.8	25	+4	SSE	4	b	×	×	×								
	Sordövala ...						1021.7	25	-3	W	1	0	×	×	×								
	Hangö ...						1027.4	28	0	W	3	0	×	×	×								
ITALY.	Venice ...	1016.9	37	ESE	1	b	1017.3	32	?	ENE	1	b	43	32			TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM						
	Turin ...	1016.9	34	—	0	b	1017.9	32	+4	—	0	S	39	28			2 <sup>ND</sup> AND 3 <sup>RD</sup> FEB. 1919.						
	Pesaro ...																Sunrise.						
	Leghorn ...																Noon.						
	Rome ...	1014.2	39	N	2	5	1014.3	36	0	N	1	0	50	34			Sunset.						
	Viesti ...	1014.3	46	NW	1	0	1014.9	46	+3	W	1	0	46	39			Yarmouth ...						
	Brindisi ...						1010.5	45	0	SW	4	r.	52	37			Greenwich ...						
	Cagliari ...																Wick ...						
	Palermo ...	1013.3	48	NW	3	b	1014.5	43		—	0	0	52	39			Valencia ...						
	Tripoli ...																						

LONDON	Humidity.		Wind.	TEMPERATURE.			Rain-fall.	WEATHER.		
	15 h.	24 h.		Max.	Min.	Min. on Grass		Morning.	Afternoon.	Night.
	1 <sup>ST</sup>	2 <sup>ND</sup>		°F.	°F.	°F.				
GREENWICH (Royal Observatory)	94	93	00	33	30	30	0.2	OS	OS	0
CITY (Bull Mill Row)	×	×	00	×	×	×	×	×	×	×
WESTMINSTER (St. James's Park)	86	100	00	36	31	30	1.1	×	×	×
(Roof near Charing Cross)	96	97	00	36	30	×	0.4	OS	OSP	OSP
CAMDEN SQ. (British Rainfall)	81	89	00	33	31	28	0.1	OS	0	×
KENSINGTON PALACE	×	79	×	33	30	30	×	0	0	×
RICHMOND PARK	×	×	00	×	×	×	×	×	×	×

SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during 1 <sup>ST</sup>		
Total.	Average Rate.	Max. Rate.
93	2.8	9

THE MORNING OF SUNDAY 2<sup>ND</sup> FEBRUARY 1919 at 7h. G.M.T.





## NOTES

Temperature remained below 40° in most parts of the United Kingdom, and did not reach 35° in the Midlands and south-east England. Frost was experienced at night in several localities. Slight rain, hail or snow showers occurred in the east of Great Britain and over the country generally the day was cloudy or dull. No bright sunshine was recorded at most stations, but Glasgow reported 1.1 hours and Jersey 2.8 hours.

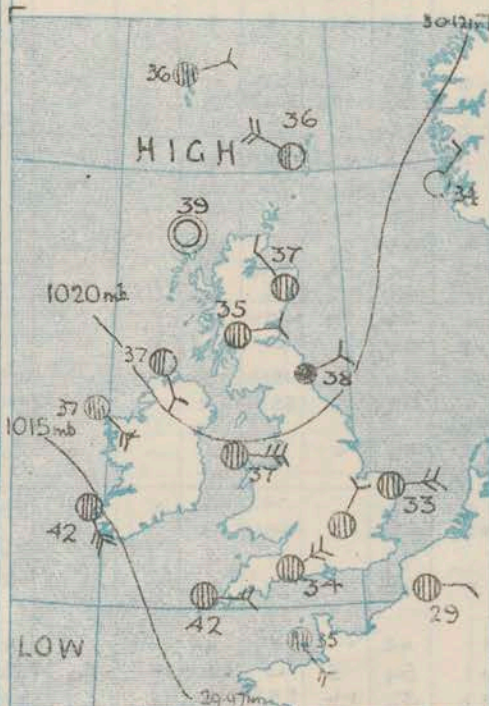
Pressure is now highest over Iceland and lowest (1) in the region of the North Cape and (2) over the Gulf of Genoa and (3) in another depression off the north-west of Spain. A secondary depression is indicated over the west of Norway. The changes in progress are downward, but continue slight and rather uniform. At Spitzbergen, however, a brisk increase took place during the night. The gradient over the British Isles has decreased and the wind is very light except on some exposed parts of the east coast and on the south coast of Ireland, where there is a moderate to fresh breeze. The sky is overcast very generally, with slight local rain in Scotland and sleet or snow showers at a few English stations. Temperature has risen a little in the south-east and south of England, but the lowest readings,  $32^{\circ}$ , are still found in that region.

During the course of the day a slow fall of pressure continued in the north and west of these Islands and over the North Sea but over England the fall stopped. The result was to develop a secondary maximum of pressure over the United Kingdom, with Westerly or North-Westerly winds and somewhat fairer weather in the north of Scotland. Over most of the area, however, the winds remained Easterly and the weather dull and cold.

R.S.

SUNDAY, 2<sup>ND</sup>

FEBRUARY, 1919, at 13h. (1 p.m.) G.M.T.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1919. No. 33. Sunday February 2nd

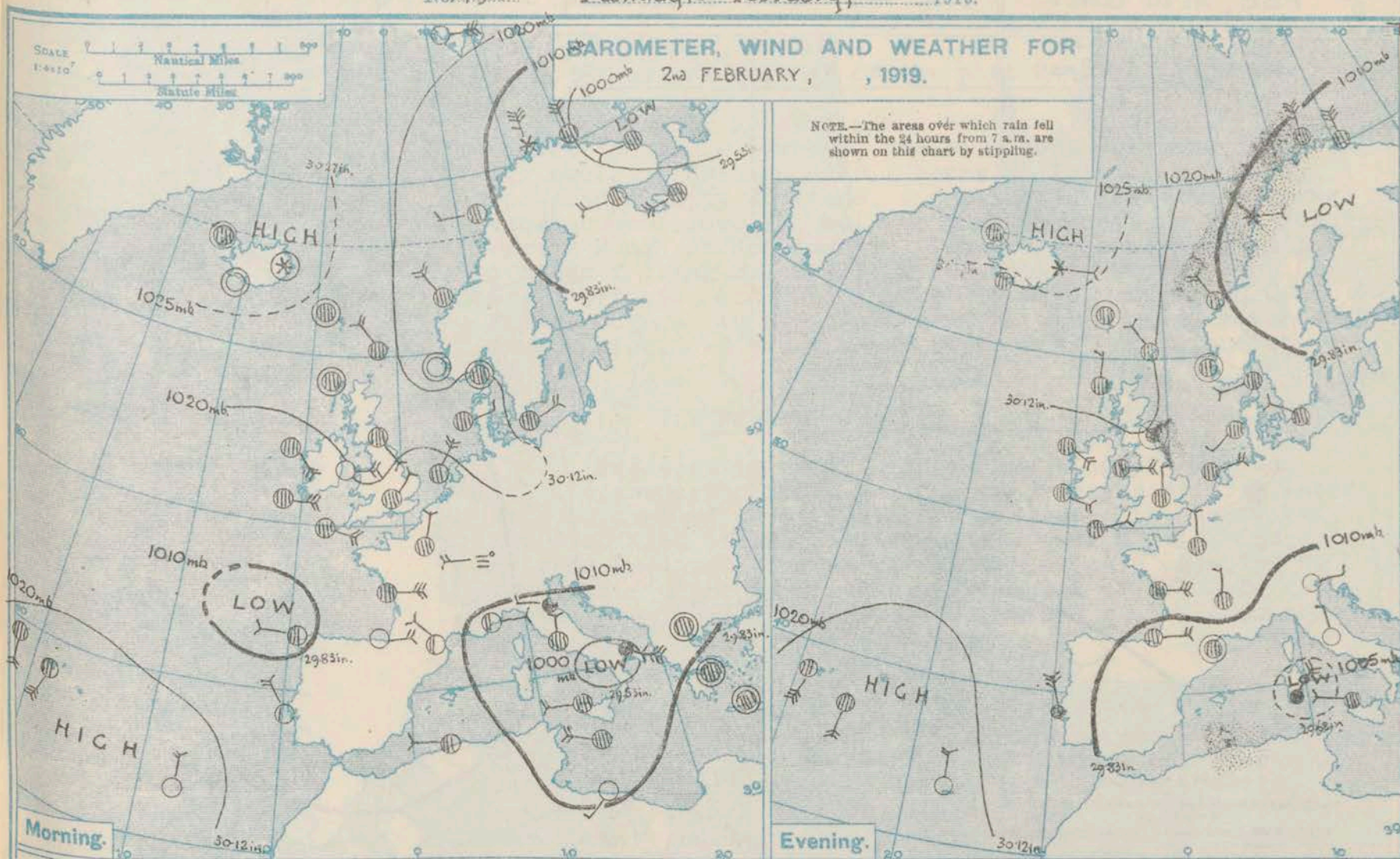
STATIONS.		EVENING OF 1st					MORNING OF 2nd										24 HOURS ENDED 7 h. 2nd					Sun- shine for 1st.
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Force 0-12.	Dir.						Force 0-12.	Dir.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1028.4	36	SE	2	0d	1023.0	-2	35	-2	NW	3	-	0	1	-	38	33	C	C	0	Hours.
	Houton B. (Orkney)	1029.0	36	NE	2	0	1024.6	-2	36	-	-	0	-	0	1	-	38	35	C	0	0	0.0
	Stornoway	1027.2	38	S	1	0	1022.8	-2	35	+4	-	0	-	0	0	-	37	30	C	C	0	0.0
	Castlebay (Barra Isd.)	1025.6	40	E	3	0	1022.0	-1	39	+3	ESE	3	-	0	4	-	42	36	b.c.	C	0	0.4
	Glasgow	1025.0	35	E	2	og.	1022.5	-2	33	-2	NE	2	-	0	x	-	38	32	o.c.	C	0	1.1
	Eskdalemuir	1025.3	33	NE	3	0	1022.3	-2	31	+1	NE	2	-	bc	x	Trace	34	31	o	o.s.v.	0	0.0
	Malin Head	1023.7	38	ESE	4	og	1020.4	-2	36	-2	SSE	2	-	omg	2	-	39	35	og	og	0	0.0
	Blacksod Point	1020.4	36	E	4	0	1024.5	-2	34	-2	E	4	-	ogz	4	-	38	32	ogz	ogz	0	0.0
	Valencia (Cahiriveen)	1017.5	38	E	4	0z.	1015.0	0	39	+2	E	5	-	0	5	-	40	37	0z.	0z.	0	0.0
	Roche's Point	1026.6	39	ESE	4	0	1017.6	-1	39	+2	ESE	5	-	0	5	-	42	37	0z.	0z.	0	x
	Birr Castle	1023.2	38	E	4	ogym.	1020.2	-1	39	+2	ESE	3	-	ogm	3	-	39	36	ogm.	ogm.	0	x
	Donaghadee	1023.2	35	ENE	3	0	1021.1	-1	34	0	ENE	1	E	og	1	-	36	34	om.	om.	0	0.0
	Liverpool (Bidston)	1022.5	37	E	5	omg	1019.8	0	34	-4	E	4	-	bx	3	Trace	39	32	oprs.	o.c.	0	0.0
	Holyhead	1021.9	36	NE	2	0	1018.9	0	35	+1	ENE	2	-	0	2	-	36	32	0	0	0	0.0
	Pembroke (St. Ann's)	1020.7	37	ESE	4	0	1016.3	-1	39	+4	ESE	4	E	0	4	-	40	33	C	C	0	0.0
	Scilly (St. Mary's)	1020.7	33	NNE	3	om	1017.4	-3	32	+1	HNW	2	-	0	x	-	35	30	om	om.	0	0.0
	Falmouth	1018.9	35	ENE	2	0	1015.9	-1	35	+2	SSE	2	-	oem	2	2	37	32	os mco	o.bspo	0	2.8
	Jersey (St. Aubin)	1020.3	33	NE	4	0	1016.8	-2	36	+7	NE	4	-	0	4	-	36	29	05	05	0	x
	Portland Bill	1018.5	32	NNE	3	0	1017.5	-1	32	0	E	3	-	0	2	4	34	30	05	05	0	x
	Dungeness	1027.5	41	ENE	3	0	1023.0	-2	35	-6	NW	2	-	omg	2	1	41	34	omg	0	0	x
Wick	1027.4	33	-	0	om	1023.0	-2	33	0	0	1	-	og	2	0.4	41	34	C	C	0	0.4	
Nairn	1027.1	38	ESE	2	0	1023.3	-1	35	0	M	1	-	0	2	0.4	41	34	C	C	0	0.4	
Aberdeen	1026.3	38	E	2	0	1022.2	-1	36	-2	SE	1	-	r	2	0.2	41	35	C	C	0	0.4	
Leith	1024.7	37	E	4	omr.	1021.3	-3	36	-1	SE	2	-	omg	4	2	38	35	omg	p. omr.	0	x	
Tynemouth	1023.0	36	ENE	4	ops	1019.9	-1	35	0	ENE	4	-	cp	4	3	36	33	odr.	ops	0	0.0	
Spurn Head	1018.3	34	NNE	3	0	1018.3	-2	34	+3	ENE	4	-	om	4	-	37	31	0	0	0	0.0	
Yarmouth (Gorleston)	1018.4	34	NE	2	0	1020.1	-1	34	+1	NE	2	NE	sr.	x	2	34	32	05	05	0	0.0	
Clacton-on-Sea	1021.0	31	NE	2	0	1018.5	-1	32	+3	NE	1	-	0	x	-	33	28	0	0	0	x	
Nottingham	-	-	-	-	om	1018.5	-1	31	+2	ENE	2	-	os	x	1	33	29	05	05	0	x	
Benson (Oxon.)	-	-	-	-	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	x	
Sth Farnborough	-	-	-	-	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	x	
Salisbury Plain	-	-	-	-	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	x	
London (Kew Obsy.)	1020.5	32	NE	2	omg	1018.2	0	32	+2	NE	2	-	0	x	1	34	30	omg om	omg om	0	0.0	
NORTHERN EUROPE.	Isafjord	1028.4	32	-	0	C	1027.7	-1	32	0	-	0	-	0	x	x	x	x	x	x	x	x
	Reykjavik	1028.4	36	E	2	C	1026.6	-2	33	-3	-	0	-	0	x	x	x	x	x	x	x	x
	Vestmanna	1028.2	37	SE	1	T	1025.3	-2	37	-2	-	0	-	0	x	x	x	x	x	x	x	x
	Seydisfjord	1029.2	32	-	0	C	1027.7	-2	30	0	-	0	-	0	x	x	x	x	x	x	x	x
	Thorshavn	1029.1	36	-	0	C	1022.0	-5	32	-2	E	6	-	0	x	x	18	-2	-	-	-	-
	Spitsbergen	1016.6	1	E	2	C	1022.3	+1	1	1	E	6	x	0	x	x	18	-2	-	-	-	-
	Vardö	1000.2	25	NW	6	S	1000.3	-0.1	28	0	N	5	-	0	3	x	28	25	-	-	-	-
	Gjesvær	1005.3	25	N	5	C	1004.8	-0.5	27	+1	N	7	-	0	4	2	28	21	-	-	-	-
	Bodö	1017.2	28	N	1	C	1012.3	-4	30	-2	W	1	-	0	1	x	32	25	-	-	-	-
	Christiansund	1023.4	36	NW	4	T	1013.7	-2	36	-1	NW	4	-	0	4	5	37	19	-	-	-	-
	Skudesnaes	1025.0	27	-	0	b	1017.9	-3	27	-3	-	0	-	0	1	-	41	25	-	-	-	-
	Færder (Xiania Fjord)	1025.5	21	WSW	1	b	1020.2	-3	18	+3	N	1	-	0	3	1	21	19	-	-	-	-
The Scaaw (Skagen)	1024.3	23	ENE	1	0	1023.8	-0.5	25	+2	-	0	-	0	x	-	27	21	-	-	-	-	
Blaavands Huk	1025.0	30	ENE	1	0	1022.0	-2	27	-1	ENE	1	-	0	x	-	30	25	-	-	-	-	
Copenhagen	1024.2	30	E	2	C	1020.7	-1	28	+2	E	0	-	0	0	-							

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

N20892

Monday, 3<sup>rd</sup> February,

1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 2<sup>nd</sup> FEBRUARY.

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF THE PENINSULA

STATIONS.	EVENING OF 1 <sup>ST</sup>					MORNING OF 2 <sup>ND</sup>										AFTERNOON OF 2 <sup>ND</sup>								
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND		Weather.	BAROMETER. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Weather.	Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP. Dry Bulb.	Change in 24 hours.	WIND.		Weather.		
			Dirac.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.			Max.	Min.					Dirac.	Force 0-12.			
<b>RUSSIA.</b>		° F.						° F.	° F.					° F.	° F.			° F.	° F.					
Orlov ...	*	*	*	*	*	995.4	*	16	-3	W	6	r		*	*			Isafjord ...	1027.5	32	-2	-	0	0
Kem ...	*	*	*	*	*	1005.0		12	-4	WNW	5	b		*	*			Reykjavik	1025.2	34	-3	-	0	0
Archangel	*	*	*	*	*	1002.1	+3	19	+5	W	4	o	-	*	*			Vestmanna	1024.6	39	0	E	1	b
Imandra	*	*	*	*	*									*	*			Seydisfjord	1027.4	28	-4	E	2	3
<b>SWEDEN.</b>																		Thorsbavn	1022.0	36	-1	ENE	2	0
Haparanda							*						*	*	*	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM								
Hernösand							*						*	*	*									
Stockholm							*						*	*	*	3 <sup>RD</sup> AND 4 <sup>TH</sup> FEB 1919.	Sunrise.	Noon.	Sunset.					
Wisby							*						*	*	*	G.M.T.	G.M.T.	G.M.T.						
Sordovalva							*						*	*	*	Yarmouth ...	7.35	12.7	4.39					
Hångö							*						*	*	*	Greenwich ...	7.33	12.7	4.41					
<b>ITALY.</b>																Wick ...	7.38	12.14	4.50					
Venice						1011.7	*	30	-2	-	0	o	4	2.7	2.8	Valencia ...	7.36	12.14	4.52					
Turin	1015.8	34	-	0	bc	1008.3	*	37		W	1	r	2	41	34									
Pesaro	1013.5	37	-	0	o	1002.9	*	41	+5	N	2	o	5	46	36									
Leghorn						997.7	*	50		SE	3	r	13	50	45									
Rome	1008.9	41	NE	1	r	1005.5	*	52	+9	W	3	o	7	50	43									
Viesti						1009.9	*	52		SW	1	b	-	?	48									
Brindisi	1012.5	46	SE	1	b																			
Cagliari	1007.1	52	S	4	o																			
Palermo	1010.5	54	S	1	b																			
Tripoli																								

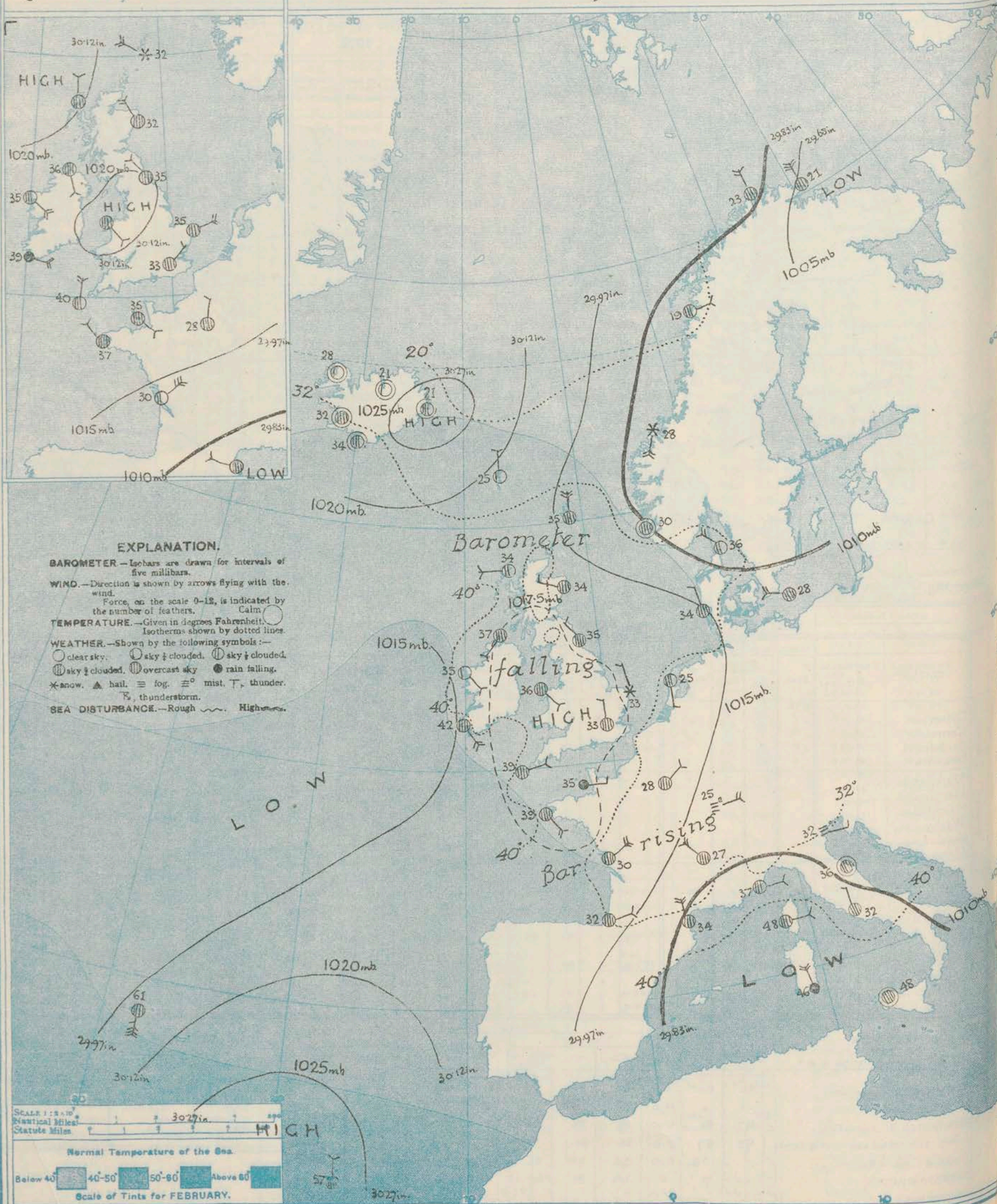
LONDON	Humidity.		Sunshine for 2 <sup>nd</sup>	TEMPERATURE.			Rain-fall.	WEATHER.		
	15 h.	9 h.		Max.	Min.	Min. on Grass		Morning.	Afternoon.	Night.
	2 <sup>nd</sup>	3 <sup>rd</sup>		°F.	°F.	°F.				
3 <sup>rd</sup> FEBRUARY 9h. G.M.T.			2							
GREENWICH (Royal Observatory)	82	84	0.0	34	31	30	-	o	o	o
CITY (Bunhill Row)	*	*	0.0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	97	82	0.0	35	32	30	-	*	*	*
" (Roof near Charing Cross)	95	87	0.0	35	31	*	-	sm	ogm	ogm
CAMDEN SQ. (British Rainfall)	*	100	0.0	34	31	26	-	-	-	*
KENSINGTON PALACE	*	91	*	34	31	29	-	o	o	*
RICHMOND PARK	*	*	0.0	*	*	*	*	*	*	*

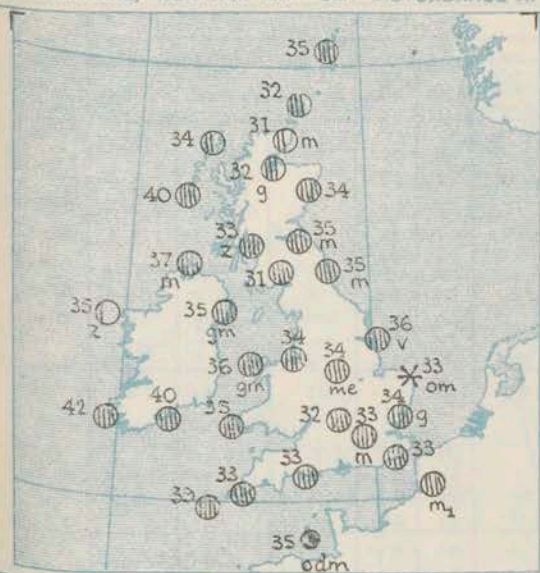
SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during 2 <sup>nd</sup>		
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
38	1.1	3

3<sup>rd</sup> FEB, at 1h. G.M.T.

THE MORNING OF Monday, 3<sup>rd</sup>

FEBRUARY 1919 at 7h. G.M.T.





NOTES.

Notes on the Weather of the past 24 hours ended 7h. Today

Weather yesterday was continually overcast over almost the whole country, the only sunshine recorded being 1.1 hours at Scilly and 0.1 hours at Valencia. Mist occurred at many stations, and slight drizzle or passing snow showers locally, but the maximum precipitation reported was 2 mm. at Nottingham. Temperatures were again low, minimum falling below  $32^{\circ}$  at many points in the east of Great Britain, and reaching  $29^{\circ}$  at Eskdalemuir and South Farnborough. In the south-west, however, temperatures began to rise, and the maximum reached  $43^{\circ}$  at Valencia and Scilly.

The Present Conditions at 7h. Today

Pressure is still high in the east of Iceland, but a secondary maximum has formed over the British Isles with an area of very light gradients over the North Sea. A second area of high pressure lies over Madeira and between Iceland and Madeira the Atlantic is occupied by a depression which touches the west coast of Iceland. Another depression lies over the Murman coast and a third occupies the Western Mediterranean.

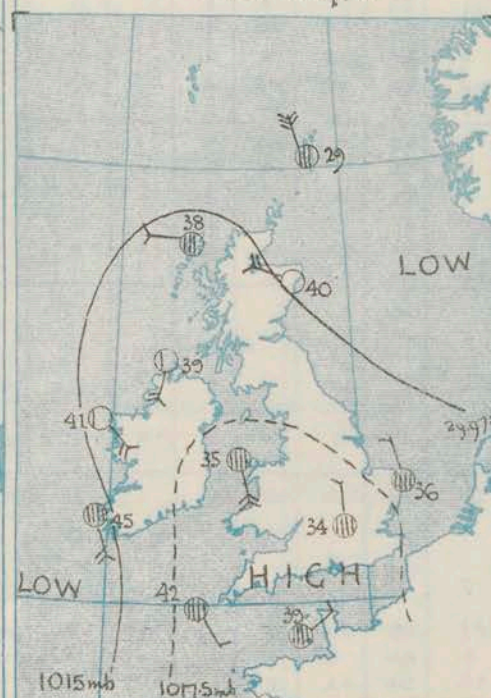
The Outlook

The barometer is falling slowly over Scotland, Ireland, Denmark and the south of Norway, but over south-east England pressure is at present changing little, and over France it is rising, so that the anticyclonic centre over these Islands will probably move south-eastward, while at least the north-western part of these Islands comes under the influence of depressions moving slowly eastward from the Atlantic, causing less settled weather.

C.R.B.

Monday, 3<sup>rd</sup>

FEBRUARY, 1919, at 12h. (1p.m.) G.M.T.



The barometer is now falling slowly over the whole of the United Kingdom, but most slowly in the south, and the highest readings of the barometer are now over south-west England, while in the east of Great Britain the winds are slowly backing towards West.

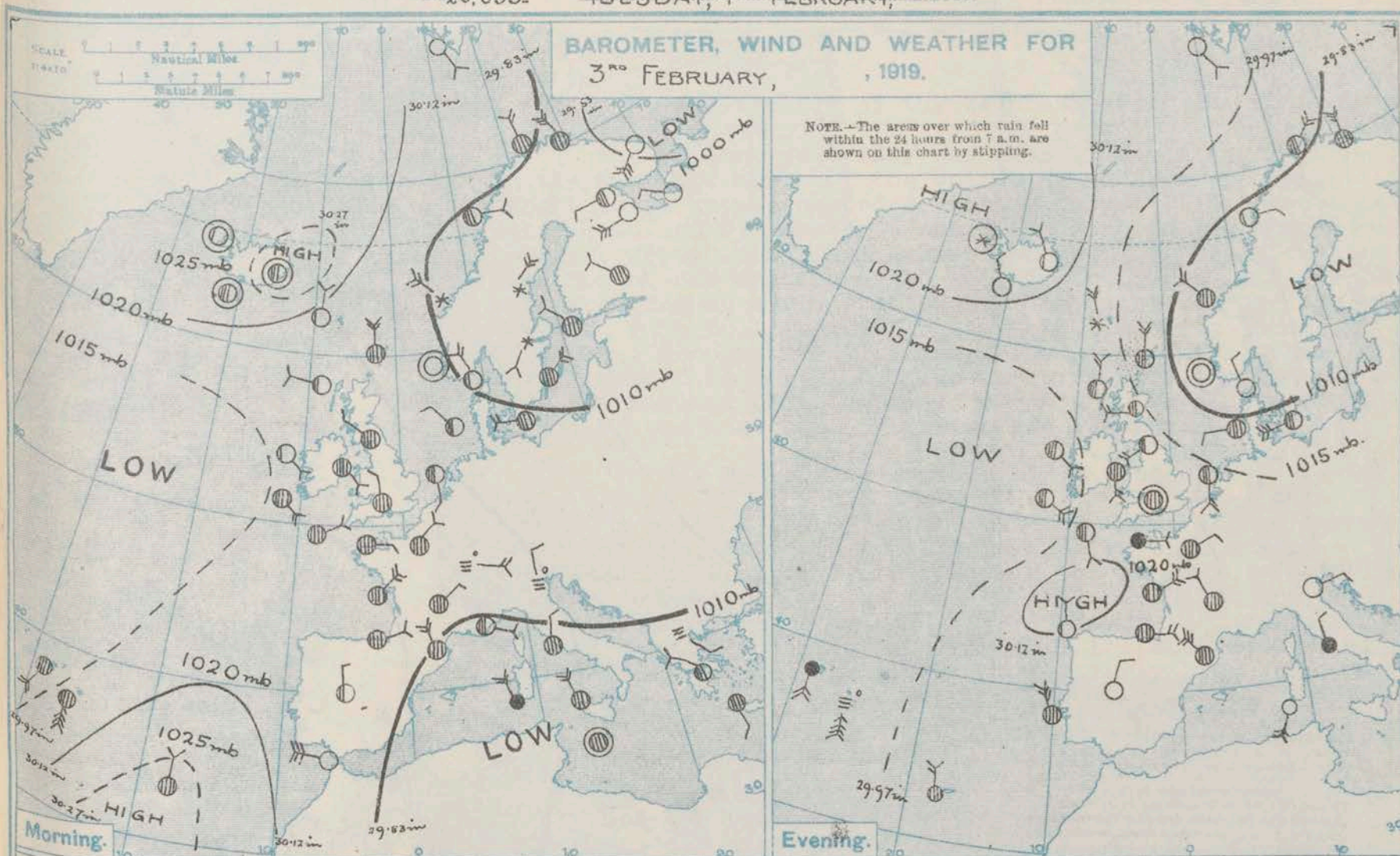
STATIONS.	EVENING OF 2 <sup>ND</sup>					MORNING OF 3 <sup>RD</sup>										24 HOURS ENDED 7 h. 3 <sup>RD</sup>					Sun- shine for 2 <sup>ND</sup> Hours		
	Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
			Dirac.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours.	Dirac.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick ...	1020.0	34	NW	2	c	1014.2	-3	35	0	N	4	-	o	3	-	37	30	c.	chs.	os.c.	*	
	Houton B. (Orkney) ...	1021.1	34	W	2	bc	1016.0	-2	32	-4	NW	3	*	c	2	*	38	32	bc.c.	bc.c.s.	*		
	Stornoway ...	1020.6	36	N	1	o	1016.7	-3	34	-1	W	2	-	bc	1	1	37	33	o	odp.o.	o bc.	0.0	
	Castlebay (Jarra Isd.) ...	1020.5	39	SE	3	o	1017.0	-1	40	+1	ENE	3	-	o	3	-	41	38	o	o	o	0.0	
	Glasgow ...	1021.3	34	NE	1	omg	1018.4	-3	33	0	WSW	1	-	oz	*	-	35	32	omg.	omg.	omg.oz.	0.0	
	Eskdalemuir ...	1020.7	33	N	1	o	1018.1	-2	31	0	WSW	1	-	o	*	-	35	29	o	o.v.o.	o.s.p.o.	0.0	
	Malin Head ...	1019.6	37	SSE	2	omg	1017.6	-3	37	+1	SW	2	-	om	2	-	39	35	omg	omg.	om	0.0	
	Blacksod Point ...	1017.7	36	SE	4	o	1016.0	-3	35	+1	SE	2	-	bz	4	-	37	33	og.	ogm.	cgz.bz.	*	
	Valencia (Cahiriveen) ...	1017.2	40	ESE	3	c	1015.2	-3	42	+3	SE	4	-	o	*	0.5	43	39	o.	o.c.	c.od.o.	0.1	
	Roche's Point ...	1018.9	38	E	2	o	1018.5	-1	40	+1	SE	1	-	o	3	0.1	42	37	oz	ocl.o.	od.o.	*	
	Birr Castle ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Donaghadee ...	1019.5	38	ESE	2	ogm	1018.4	-2	35	-4	SSW	1	-	ogm	1	-	39	34	ogm	ogm	ogm	*	
	Liverpool (Bidston) ...	1020.2	36	-	0	m	1019.2	-1	34	0	ENE	1	-	o	1	-	36	33	om	om	om	0.0	
	Holyhead ...	1019.3	37	E	4	omg	1018.7	-1	36	+2	SE	2	-	omg	0	-	37	33	omem.o.	omg.	omg.	0.0	
	Pembroke (St. Ann's) ...	1018.7	36	NE	2	o	1019.8	?	35	0	NNE	1	-	o	2	-	37	34	o	o	o	0.0	
	Scilly (St. Mary's) ...	1016.8	39	ENE	2	o	1018.8	0	39	0	ENE	2	NE	o	3	-	43	37	c.	c.	o	1.1	
	Falmouth ...	1017.2	35	NE	3	cm	1018.6	0	33	+1	NNE	2	-	o	*	-	41	32	om,ogm	ogm,cm.	o	0.0	
	Jersey (St. Aubin) ...	1015.4	35	SE	2	oem	1017.7	0	35	0	E	1	-	odm	1	1	37	34	oem	oem	oemdm.	0.0	
	Portland Bill ...	1016.3	33	NE	3	og	1017.7	+1	33	-3	NE	2	-	o	3	-	36	33	c.o.	c.og	o.c.	*	
	Dungeness ...	1016.1	33	N	3	o	1016.7	+1	33	+1	NNE	3	-	o	2	-	34	32	o.c.	o.c.	o	*	
NORTHERN EUROPE.	Wick ...	1020.1	34	WNW	2	omg	1015.3	-2	31	-4	NW	3	-	bcm	2	0.1	37	31	omfg	omg.	c.o.bcm.	*	
	Nairn ...	1020.9	32	-	0	o	1016.2	*	32	-1	-	0	-	cg	0	-	35	31	cg.	cg.o.	og	0.0	
	Aberdeen ...	1020.2	35	NW	2	o	1016.6	-3	34	-1	WNW	1	-	o	2	-	37	33	o	o	o	0.0	
	Leith ...	1020.4	36	NE	1	o	1017.5	-1	35	-1	W	1	-	om	2	Trace	37	34	odm.o.	oe.o.	om.o.	*	
	Tynemouth ...	1019.9	37	-	0	omd	1017.2	?	35	-1	NW	1	-	om	3	1	39	35	onh	onh.	om.	*	
	Spurn Head ...	1018.9	38	E	2	o	1018.5	0	36	+1	W	1	-	ov	3	1	39	33	ofh.	ofh.	ofv.	0.0	
	Yarmouth (Gorleston) ...	1016.9	35	ENE	3	o	1016.9	0	33	-1	NNW	1	-	oms	2	1	36	31	om.o.	o.	om	0.0	
	Clacton-on-Sea ...	1017.3	33	N	2	o	1017.9	0	34	+2	NNW	2	-	og	1	-	34	31	ogm	ogm.	ogm	0.0	
	Nottingham ...	1019.2	35	NE	2	oe	1018.8	*	34	0	NNE	1	-	ome	*	2	35	33	ost	STO.	oe	0.0	
	Benson (Oxon.) ...	1018.3	32	NE	2	o	1018.5	0	32	0	ENE	1	-	o	*	-	33	30	o	o	o	*	
	St. Farnborough ...	-	-	-	-	-	1018.5	0	31	0	N	2	-	om	*	0.3	31	29	om	as.om.	om	0.0	
	Salisbury Plain ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	London (Kew Obsy.) ...	1018.0	33	N	1	om	1018.5	+1	33	+1	N	1	-	om	*	-	33	31	o.om.	om.	om.o.om.	0.0	
	FRANCE, &c.	Isafjord ...	1026.3	32	-	0	o	1024.0	0	28	-4	-	0	*	b	*	*	*	*	*	*	*	*
		Reykjavik ...	1025.0	34	-	0	o	1022.6	0	32	-1	-	0	-	o	*	*	*	*	*	*	*	*
		Vestmanna ...	1024.6	37	E	1	c	1021.9	-1	34	-3	-	0	-	c	*	*	*	*	*	*	*	*
		Seydisfjord ...	1027.3	28	E	2	S	1025.5	-2	21	-9	-	0	-	c	*	*	*	*	*	*	*	*
		Thorshavn ...	1021.0	34	-	0	o	1017.9	0	25	-7	N	2	-	b	*	*	*	*	*	*	*	*
		Spitsbergen ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Vardö ...	1008.4	23	N	6	o	1004.3	0	21	-7	N	5	-	o	3	*	28	21	...	...	...	...
Gjesvær ...		1006.7	25	N	7	o	1014.3	0	23	-4	N	3	-	o	4	6	27	19	...	...	...	...	
Bodö ...		1008.3	23	E	2	S	1007.4	-1	19	-11	E	2	-	c	2	?	30	14	...	...	...	...	
Christiansund ...		1010.1	32	NW	3	c	1007.8	-1	28	-8	NW	4	-	S	4	21	36	28	...	...	...	...	
IBERIA, &c.	Skudesnaes ...	1015.0	30	-	0	c	1010.4	-5	30	+3	-	0	-	o	1	-	34	25	...	...	...	...	
	Færder (X'ianla Fjord) ...	1012.6	23	WSW	2	b	1008.8	0	21	+3	N	1	-	f	0	-	23	18	...	...	...	...	
	The Scaw (Skagen) ...	1013.2	27	WSW	2	o	1008.6	0	36	+11	NW	3	-	bc	*	-	36	23	...	...	...	...	
	Blaavands Huk ...	1018.1	30	SW	1	o	1016.2	-2	34	+7	NNW	1	-	c	*	-	36	23	...	...	...	...	
	Copenhagen ...	1016.2	27	NW	2	o	1011.9	-1	27	-1	W	2	-	m	*	-	28	25	...	...	...	...	
	Bornholm ...	1015.1	25	NW	2	o	1011.8	-1	28	-2	WNW	3	-	o	1	-	30	23	...	...	...	...	
	The Helder ...	1018.3	23	ENE	3	o	1017.7	0	25	-14	S	1	-	c	0	-	39	21	...	...	...	...	
	C. Gris Nez ...	1016.0	30	ENE	4	o	1017.3	+1	27	-1	E	2	*	f	*	-	36	25	...	...	...	...	
	La Hève ...	1016.2	30	-	0	o	1016.6	0	36	0	NE	1	*	o	*	?	36	30	...	...	...	...	
	Brest (St. Mathieu) ...	1016.2	34	NE	2	c	1018.6	0	39	+3	SE	3	*	o	*	-	45	34	...	...	...	...	
MEDITERRANEAN.	Rochefort (Ile d'Aix) ...	1012.2	30	E	5	o	1016.2	+2	30	0	NE	4	*	o	*	-	37	28	...	...	...	...	
	Biarritz ...	1008.6	37	E	3	c	1015.3	+3	32	0	ENE	2	*	o	*	-	39	32	...	...	...	...	
	Paris ...	1013.3	30	N	2	o	1017.3	+2	28	0	NE	2	*	o	*	-	32	27	...	...	...	...	
	Belfort ...	...	...	...	...	...	1015.5	*	25	0	E	3	*	m	*	-	25	23	...	...	...	...	
	Lyons ...	1013.5	28	N	1	o	1014.3	0	27														

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	0·3-1·5
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

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,893. TUESDAY, 4<sup>TH</sup> FEBRUARY, 1919.



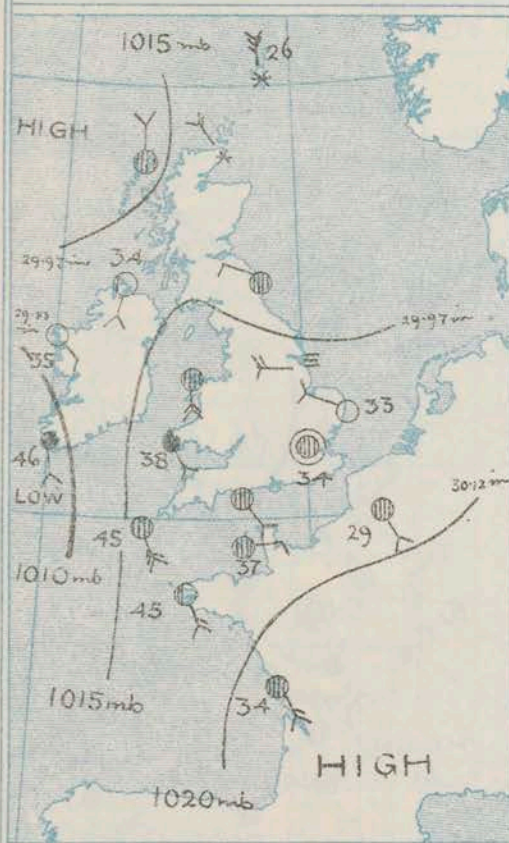
## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 3<sup>RD</sup> FEBRUARY.

STATIONS.		EVENING OF 2 <sup>ND</sup>					MORNING OF 3 <sup>RD</sup>										AFTERNOON OF 3 <sup>RD</sup>							
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND		Weather.	BAROMETER.		TEMP.		WIND.		Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.		Weather.		
				Dirac.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.		Weather.	Max.			Min.	Dry Bulb.	Change in 24 hours.	Dirac.		Force 0-12.	
		* F.	* F.						* F.	* F.				* F.	* F.			* F.	* F.					
RUSSIA.	Orlov ...	x	x	x	x	x	997.9	-	12	-4	SW	5	b	x	x		Isafjord ...	1021.2	29	-3	-	0	o	
	Kem ...	x	x	x	x	x	1005.6	+1	1	-11	W	4	b	x	x		Reykjavik ...	1021.5	31	-3	-	0	c	
	Archangel ...	x	x	x	x	x	1005.9	+2	14	-5	-	0	b	-	x	x		Vestmanna ...	1020.8	32	+7	-	0	b
	Imandra ...	x	x	x	x	x									x	x		Seydisfjord ...	1023.5	22	-6	W	1	c
SWEDEN.	Haparanda ...							x						x	x	x		Thorshavn ...	1017.3	24	-12	N	4	s.
	Hernösand ...							x						x	x	x	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.							
	Stockholm ...							x						x	x	x								
	Wishy ...							x						x	x	x								
	Sordövala ...							x						x	x	x								
ITALY.	Hangö ...							x						x	x	x	4 <sup>TH</sup> & 5 <sup>TH</sup> FEB., 1919.							
	Venice ...	1007.5	26	E	1	b	1010.0	x	32	-	-	0	m	-	43	32								Sunrise.
	Turin ...	1009.3	28	ESE	3	m	1011.5	x	27	+3	-	0	c	-	34	25	G.M.T.	G.M.T.	G.M.T.					
	Pesaro ...	1007.4	37	W	3	o	1010.7	x	36	-1	-	0	o	-	43	34	7.33	12.7	4.41					
	Leghorn ...	1006.2	39	-	0	b	1008.2	x	39	-	-	0	c	-	46	26	7.31	12.7	4.43					
	Rome ...	1006.3	39	N	1	b	1009.4	x	32	-9	-	1	o	-	50	32	7.36	12.14	4.52					
	Viesti ...							x									7.34	12.14	4.54					
	Brindisi ...							x									8.15	12.26	4.37					
	Cagliari ...	1003.8	48	NE	4	r	1009.1	x	46	-6	NNW	4	r	12	52	36	8.12	12.26	4.40					
	Palermo ...	1007.3	48	WNW	2	o	1009.8	x	48		-	0	o	2	54	43	8.19	12.65	5.31					
Tripoli ...							x										8.17	12.55	5.33					

LONDON				24 HOURS ENDED 6 h. 4 <sup>TH</sup>										SOUTH KENSINGTON (M.O.)		
4 <sup>TH</sup> FEB. 9h. G.M.T.				Humidity.		Sun-shine for 3 <sup>RD</sup>		TEMPERATURE.			Rain-fall.		WEATHER.		Vertical Component of Solar Radiation per square Centimetre during 3 <sup>RD</sup>	
				15 h.	9 h.	Hours.	for 3 <sup>RD</sup>	Max. °F.	Min. °F.	Min. on Grass °F.	mm.		Morning.	Afternoon.	Night.	Total.
GREENWICH (Royal Observatory)				79	91	0.0	0.0	34	31	30	-		o	o	o	Joules.
CITY (Bunhill Row) ..				x	x	0.0	x	x	x	x	x		x	x	x	Milliwatts.
WESTMINSTER (St. James's Park)				81	93	0.0	0.0	35	32	30	-		x	x	x	Milliwatts.
(Roof near Charing Cross) ..				85	85	0.0	0.0	36	33	x	-		sm	ogm	sm	
CAMDEN SQ. (British Rainfall) ..				89	100	0.0	0.0	34	31	27	-		o	o	x	
KENSINGTON PALACE				x	89	x	x	35	31	30	-		o	o	x	
RICHMOND PARK				x	x	0.0	x	x	x	x	x		x	x	x	

4<sup>th</sup> FEB, at 1h. G.M.T.

THE MORNING OF TUESDAY 4<sup>th</sup> FEBRUARY 1919 at 7h. G.M.T.



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.

TEMPERATURE.—Given in degrees Fahrenheit.

Isotherms shown by dotted lines.

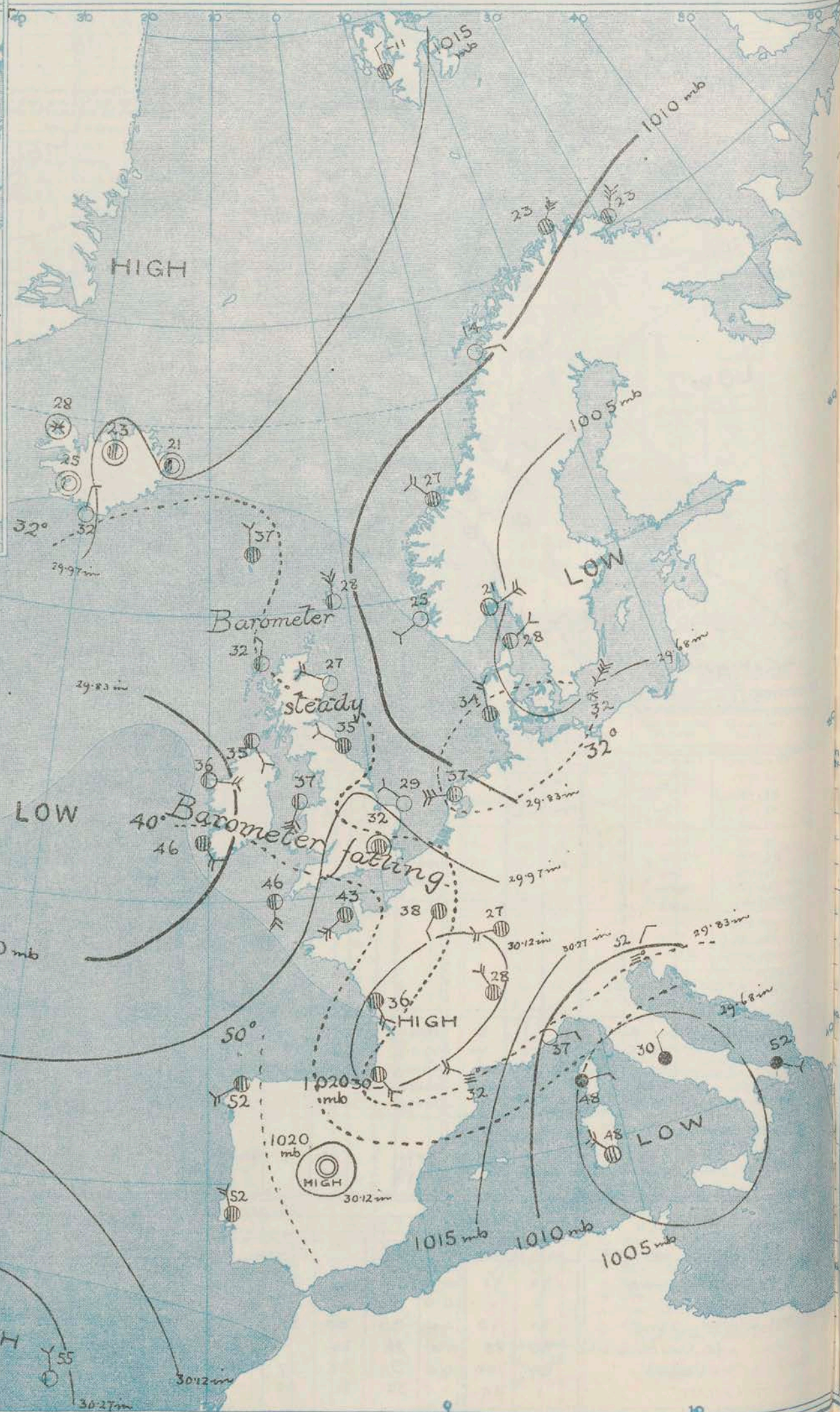
WEATHER.—Shown by the following symbols:—

○ clear sky. ○ sky & clouded. ○ sky & clouded.

○ sky & clouded. ○ overcast sky. ○ rain falling.

✕ snow. ▲ hail. ≡ mist. T, thunder.

SEA DISTURBANCE.—Rough. High waves.

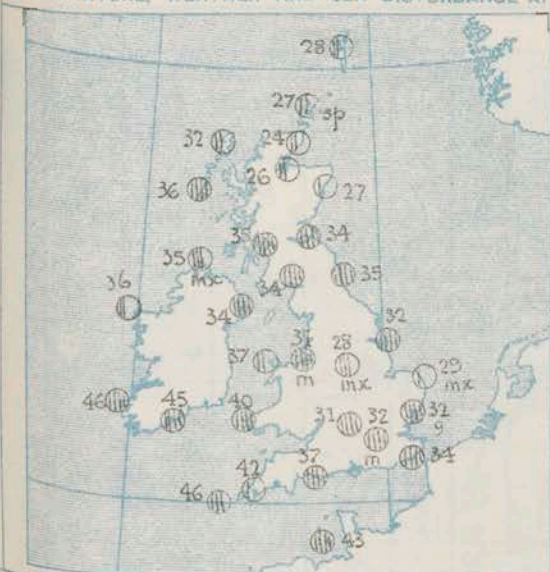


SCALE 1:100,000  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea.

Below 40° 40°-50° 50°-60° Above 60°

Scale of Tints for FEBRUARY.



## NOTES.

## Notes on the Weather of the 24 hours ended 7h. Today

The weather yesterday was less gloomy than of late in the west and north of the United Kingdom, where some bright sunshine was recorded, to the amount of 3.3 hours at Malin Head and 6.1 hours at Aberdeen. Most of England, however, remained sunless. Small amounts of precipitation due to mist and drizzle or to snow in the north of Scotland were recorded at a few stations. In the south of Ireland, however, rain fell in greater quantity, reaching 10 mm. at Valencia. Temperatures continued low, and minima below 30°F. were recorded in North Scotland (Lerwick 23°) and Central and East England (Nottingham 27°). Light indefinite winds prevailed and a good deal of mist was recorded.

## The Present Conditions at 7h. Today

A belt of high pressure extends from Iceland across Great Britain, France and Spain to Madeira with maxima over Iceland, Central France, Madrid and Funchal. There is a large depression off the west of Ireland, while another lies over the Tyrrhenian Sea (between Sardinia and Italy). A third area of low pressure lies over the Baltic. Over the Eastern Mediterranean pressure is relatively high and uniform.

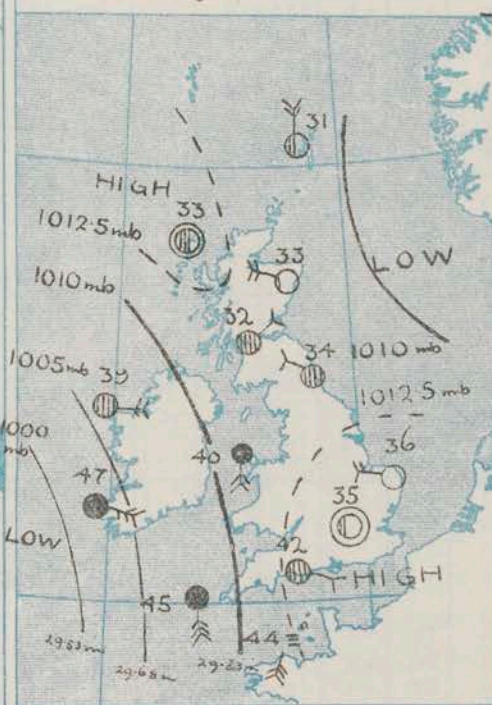
## The Outlook

The barometric changes are at present slight except in the west of Ireland, where the Atlantic depression is spreading eastwards towards these Islands. Winds over Ireland and England are likely to become South-Easterly or Southerly generally, with milder and less settled conditions.

C.B.

TUESDAY, 4<sup>th</sup>

FEBRUARY, 1919, at 12h. (1p.m.) G.M.T.



The barometer is now falling over the whole of the United Kingdom, and the winds are freshening from SE. on our south-western coasts. The depression off the south-west of Ireland is moving eastward and its centre will apparently appear to the southward of Ireland. Rainy weather is accordingly to be expected in the south of England and Ireland.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1919. No. 35. TUESDAY, 11<sup>TH</sup> FEBRUARY.

STATIONS.		EVENING OF... 3 <sup>RD</sup> ...					MORNING OF... 4 <sup>TH</sup> ...										24 HOURS ENDED 7 h. 4 <sup>TH</sup> ...					Sun- shine for 3 <sup>RD</sup> Hours.
		Barom. Milli- bars at M.S.L.	Temp.	Wind.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	Temp.		Wind.		Direc. of Upper Cloud.	Weather.	Sea 0-3.	Rain- fall. Milli- metres.	Temp.		Weather.			
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick ...	1012.7	26	N	4	c	1011.7	0	28	N	4	-	bc	3	-	55	23	0	c	c		
	Houton B. (Orkney) ...	1014.1	29	N	4	s	1013.6	0	27	NW	5	*	s	2	33	26	0	ps.	ps.	*		
	Stornoway ...	1015.5	34	N	3	c	1014.3	0	32	N	1	-	bc	1	-	38	30	bc.c	c	bc	1.3	
	Castlebay (Barra Isd.) ...	1015.2	39	WSW	2	c	1013.9	0	36	NE	3	-	o	2	3	42	36	od.	do	op.o	0.0	
	Glasgow ...	1016.0	35	WSW	2	cm	1013.2	-1	35	W	1	-	og	*	Trace	37	32	oz.gsp	om.cm	c.om.o	0.0	
	Eskdalemuir ...	1015.9	33	WSW	3	b	1013.2	-2	34	S	1	-	o	*	0.3	35	30	o	o.os	b.bc.co	0.0	
	Malin Head ...	1015.8	35	SSW	2	bcm	1012.0	-1	35	SSE	2	SE	cm.x	-	-	39	33	bcm	bcm	cm.x	3.3	
	Blacksod Point ...	1013.0	38	ESE	2	cz	1008.6	-4	36	E	3	-	bcz	3	-	41	33	bcz	bcz	bc.bcz	*	
	Valencia (Cahirciveen) ...	1011.4	45	ESE	4	c	1006.8	-5	46	SE	3	-	bcz	0	9	47	42	c.od	or.c	bc.bcz	0.0	
	Roche's Point ...	1014.9	43	SE	5	r	1009.3	-2	45	SSE	3	-	o	4	10	46	40	od.om	om.r	ro	*	
	Birr Castle ...	1016.4	38	SW	1	ogm	1013.6	0	34	-	0	-	ogm	0	-	40	31	ogm	ogm	bm.ogm	*	
	Donaghadee ...	1017.4	33	SSW	1	m	1014.6	-1	31	SE	3	-	om	2	-	36	30	om	om	c.om.x	0.0	
	Liverpool (Bidston) ...	1017.2	38	S	3	omg	1013.1	-2	37	SSW	4	-	bc	2	-	39	34	omg	omg	omg.bc	0.0	
	Holyhead ...	1018.4	37	SE	2	o	1013.6	-3	40	ESE	4	-	o	3	1	39	35	o.c	o.c.o	o.or.op	0.0	
	Pembroke (St. Ann's) ...	1018.3	42	SSE	2	c	1012.6	-2	46	S	4	S	c	4	1	46	39	bc.c	b	c.op.c	0.7	
	Scilly (St. Mary's) ...	1018.6	37	-	0	om	1013.7	-4	42	S	3	-	b	*	-	42	33	o	o.c.om	cm.bct	0.4	
	Falmouth ...	1018.3	38	E	2	odm	1016.2	0	43	SW	4	-	o	3	4	43	35	odm.em	em.odm	oe.o	0.0	
	Jersey (St. Aubin) ...	1018.3	35	NE	1	o	1015.6	-1	38	-	0	-	o	3	-	40	33	o	o	o	*	
	Portland Bill ...	1017.8	34	N	3	o	1016.2	-1	34	NNW	2	-	o	1	-	34	31	o	o.c.o	o	*	
	Dungeness ...	1013.2	34	NW	3	o	1012.6	-1	24	WNW	2	-	bc	3	2	34	24	bc.oms	omps	bcps	*	
	Wick ...	1014.5	35	W	1	o	1013.3	*	26	-	0	-	bc	0	1	37	26	c.bc	eprs	asp.x	2.4	
	Nairn ...	1013.2	37	W	3	c	1013.2	0	27	WNW	3	-	b	2	1	40	26	o.c.by	bc.c	orspb	6.1	
	Aberdeen ...	1014.9	35	SW	2	c	1013.4	0	34	ENE	2	-	o	2	3	39	33	om.c.bc	c.ozc	edc.o	*	
	Leith ...	1015.2	35	NW	2	bcm	1012.5	*	35	NW	2	-	om	3	-	40	34	bcm	bcm	om	*	
Tynemouth ...	1016.4	35	WSW	3	bcm	1014.8	0	32	W	3	-	om	3	0.2	37	31	om	o.bcm	fx.om	0.0		
Spurn Head ...	1016.3	34	NW	1	o	1014.9	-2	29	NW	2	-	bm.x	2	-	37	29	om	om	om.bm	0.0		
Yarmouth (Gorleston) ...	1018.0	34	NW	2	m	1016.2	-2	32	NW	2	-	og	0	-	36	32	ogm	ogm	ogm	0.0		
Clacton-on-Sea ...	1017.7	32	W	1	bm	1015.3	*	28	W	1	W	cm.x	*	-	35	27	om	cm	bm.o	0.0		
Nottingham ...	1018.8	33	SW	1	o	1015.6	-2	31	-	0	-	o	*	-	33	30	o	o	o	*		
Benson (Oxon.) ...	-	-	WSW	1	om	1016.3	-1	30	W	1	-	om	*	-	34	30	om	om	om	0.0		
Sth Farnborough ...	-	-	-	-	-	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*		
Salisbury Plain ...	-	-	-	-	-	-	-	-	-	-	-	-	*	-	-	-	-	-	-	*		
London (Kew Obsy.) ...	1018.6	34	-	0	o	1016.2	-1	32	-	0	-	om	*	-	35	32	om.o	o.om.o	o.om	0.0		
NORTHERN EUROPE.	Isafjord ...	1020.3	28	-	0	s	1017.1	-1	28	-	0	-	s	*	*	*	*	*	*	*	*	
	Reykjavik ...	1020.4	32	-	0	c	1017.3	-3	25	-	0	-	b	*	*	*	*	*	*	*	*	
	Vestmanna ...	1020.2	30	NW	1	b	1016.7	-1	32	N	1	-	b	*	*	*	*	*	*	*	*	
	Seydisfjord ...	1022.9	18	NW	2	b	1015.9	-5	21	-	0	-	c	*	*	*	*	*	*	*	*	
	Thorshavn ...	1017.3	25	N	4	s	1014.4	-3	37	N	2	-	o	*	*	*	*	*	*	*	*	
	Spitsbergen ...	1024.2	-11	SE	2	b	1016.6	-4	-11	N	1	*	o	*	*	-4	-13	*	*	*	*	
	Vardö ...	1008.3	23	N	5	o	1009.6	0	23	NE	5	-	c	5	*	23	19	*	*	*	*	
	Gjesvær ...	1010.9	21	NE	4	c	1011.8	*	23	NE	6	-	o	4	4	23	19	*	*	*	*	
	Bodö ...	1009.0	19	E	1	b	1011.0	0	14	E	1	-	b	1	-	19	10	*	*	*	*	
	Christiansund ...	1006.4	28	NW	3	o	1007.0	0	27	NW	3	-	o	4	7	30	25	*	*	*	*	
	Skudesnaes ...	1007.0	28	-	0	b	1005.9	+1	25	WSW	2	-	b	1	?	34	21	*	*	*	*	
FRANCE, &c.	Færder (X'ania Fjord) ...	1006.6	25	ENE	1	m	1006.3	0	21	NNE	4	-	bc	2	-	27	19	*	*	*	*	
	The Scaw (Skagen) ...	1005.5	32	WNW	1	b	1003.8	+1	28	NE	2	-	c	*	-	36	27	*	*	*	*	
	Blaavands Huk ...	1011.4	36	W	1	o	1005.5	-3	34	N	3	-	o	*	Trace	37	32	*	*	*	*	
	Copenhagen ...	1011.3	32	W	2	c	1004.6	-3	34	WNW	3	-	m	*	-	34	27	*	*	*	*	
	Bornholm ...	1024.2	32	W	5	c	1005.3	-3	32	W	8	-	s	2	2	34	27	*	*	*	*	
	The Helder ...	1016.2	27	S	3	c	1012.8	0	37	W	5	-	c	2	-	37	23	*	*	*	*	
	C. Gris Nez ...	1017.9	32	SW	2	o	1017.2	-2	32	ESE	1	*	o	*	-	34	27	*	*	*	*	
	La Hève ...	1018.7	32	-	0	f	1016.0	-3	36	SW	4	*	o	*	1	36	32	*	*	*	*	
	Brest (St. Mathieu) ...	1019.0	43	NW	3	o	1015.9	-2	46	SSW	4	*	c	*	-	46	39	*	*	*	*	
	Roche fort (Ile d'Aix) ...	1020.0	34	NE	4	o	1020.2	0	36	SSE	3	*	o	*	-	39	30	*	*	*	*	
	Biarritz ...	1016.7	32	E	3</																	

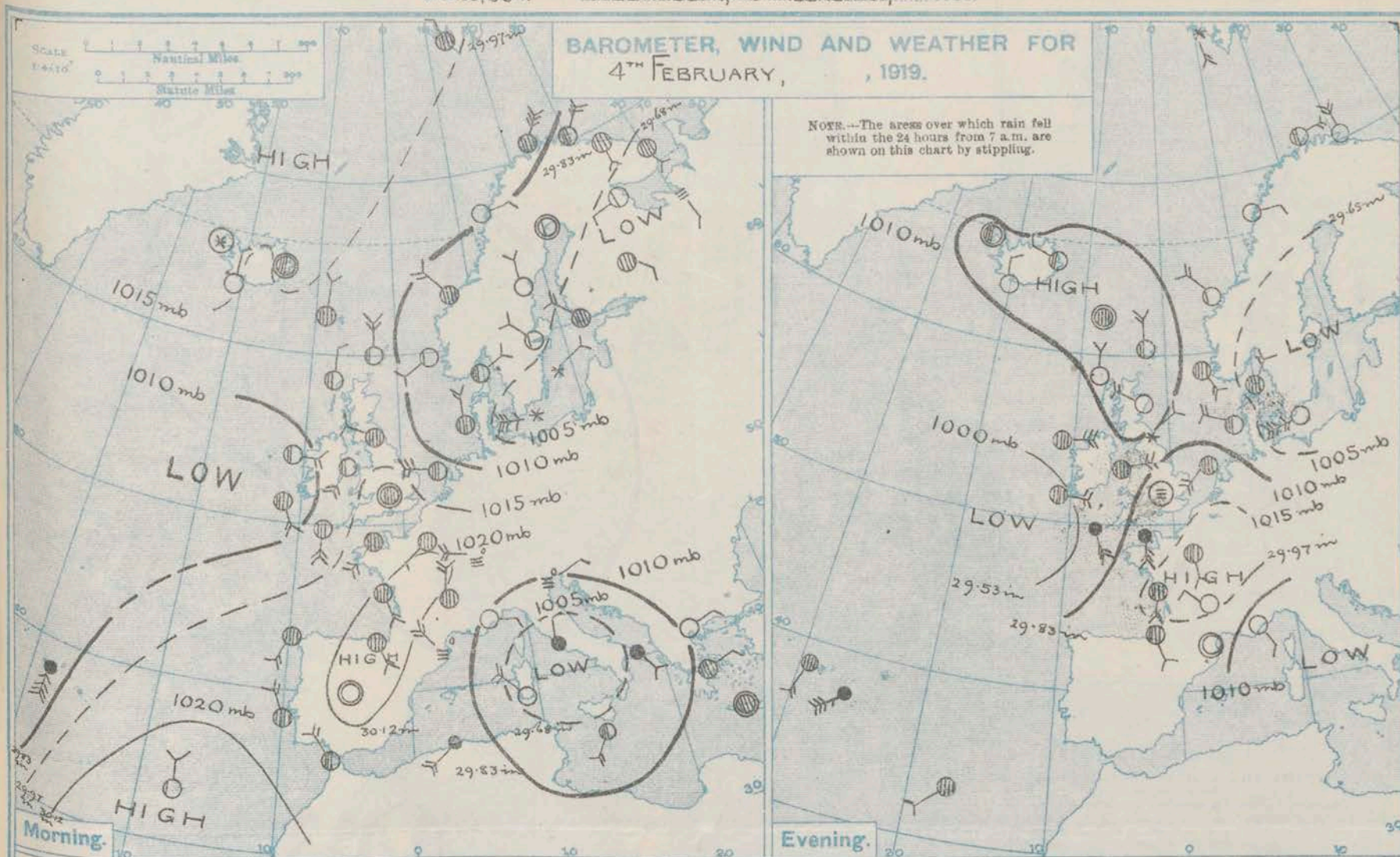
## THE BEAUFORT SCALE OF WIND FORCE.

No.
-----

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,894.

WEDNESDAY, 5<sup>TH</sup> FEBRUARY, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 4<sup>TH</sup> FEBRUARY

STATIONS.	EVENING OF 3 <sup>RD</sup>					MORNING OF 4 <sup>TH</sup>										AFTERNOON OF 4 <sup>TH</sup>						
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND		Weather.	BAROMETER.		TEMP.		WIND.		Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.		Weather.	
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.		Weather.	Max.			Min.	Dry Bulb.	Change in 24 hours.	Direc.		Force 0-12.
RUSSIA.	Orlov ...	×	×	×	×	999.9	×	12	0	SSE	2	o	×	×	Isafjord ...	104.3	28	-1	-	o	c	
	Kem ...	×	×	×	×	1004.6	+1	-11	-12	WNW	1	b	×	×	Reykjavik	104.4	32	+1	-	o	c	
	Archangel ...	×	×	×	×	1004.4	+2	3	-11	S	1	f	×	×	Vestmanna	104.0	32	0	N	2	b	
	Imandra ...	×	×	×	×								×	×	Seydisfjord	1013.0	28	+6	-	o	c	
SWEDEN.	Haparanda ...					1008.6	×	11		-	0	b	×	×	Thorsbavn	1013.0	32	+8	r	o	b	
	Hernösand ...					1009.6	×	12		N	2	b	×	×								
	Stockholm ...					1006.7	×	12		NW	2	b	×	×								
	Wisby ...					1004.2	×	28		ENE	2	s	×	×								
	Sordovalä ...					1012.3	×	14		ESE	1	o	×	×								
	Hangö ...					1003.1	×	25		WNW	3	o	×	×								
ITALY.	Venice ...	1007.5	36	E	1	b	1010.9	×	32	0	NE	1	m	-	43	30	TABLE SHOWING THE GREENWICH TIME OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM					
	Turin ...	1013.3	32	-	0	b	1013.8	×	27	0	-	0	b	-	37	25	5 <sup>TH</sup> AND 6 <sup>TH</sup> FEB. 1919.	Sunrise.	Noon.	Sunset.		
	Pesaro ...	1012.1	39	-	0	o	1009.1	×	37	+1	W	2	m	2	43	34		G.M.T.	G.M.T.	G.M.T.		
	Leghorn ...	1008.7	41	-	0	o	1007.4	×	39	0	-	0	bc	-	45	37	Yarmouth ...	7.31	12.7	4.43		
	Rome ...	1008.7	41	N	1	+	1004.3	×	30	-2	N	1	r	17	46	30		7.29	12.7	4.45		
	Viesti ...							×										7.34	12.14	4.54		
	Brindisi ...	1011.1	48	-	0	o	1006.1	×	52	+6	ESE	2	r	5	54	?		7.33	12.14	4.55		
	Cagliari ...	1006.5	46	SSW	4	+	1003.8	×	48	0	NW	4	c	12	54	+1		8.12	12.26	4.40		
	Palermo ...							×										8.10	12.26	4.42		
	Tripoli ...							×										8.17	12.55	5.33		
								×										8.15	12.55	5.35		

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

5 <sup>TH</sup> FEB. 1919.	6 <sup>TH</sup> FEB. 1919.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	...	7.31	12.7	4.43
Greenwich ...	...	7.29	12.7	4.45
Wick ...	...	7.34	12.14	4.54
Valencia ...	...	7.33	12.14	4.55
...	...	8.12	12.26	4.40
...	...	8.10	12.26	4.42
...	...	8.17	12.55	5.33
...	...	8.15	12.55	5.35

### LONDON

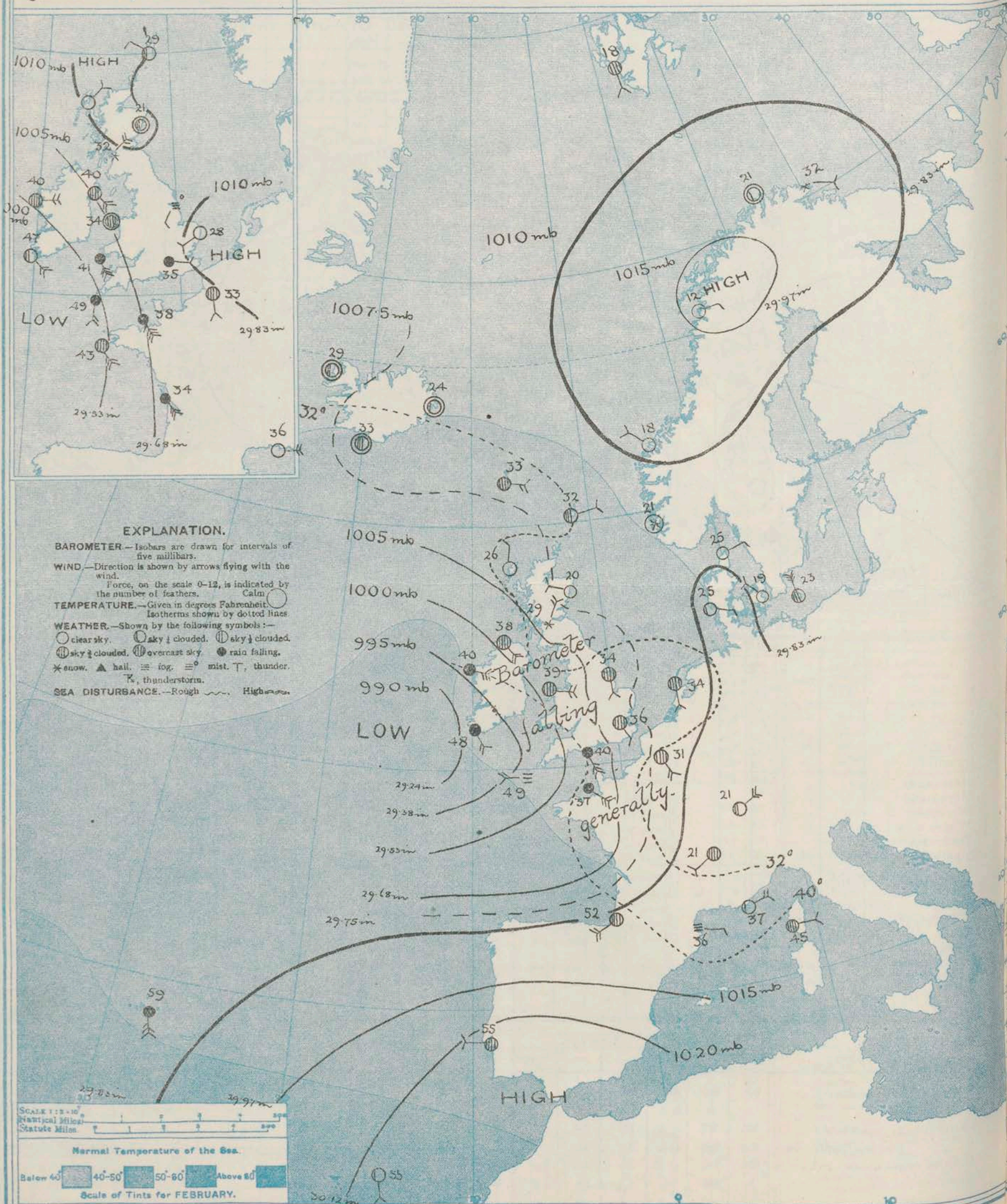
STATIONS.	Humidity.		Sun-shine for 24 hours.	TEMPERATURE.			Rain-fall.	WEATHER.		
	15 h.	9 h.		Max.	Min.	Min. on Grass.		Morning.	Afternoon.	Night.
GREENWICH (Royal Observatory)	80	85	0.0	35	28	24	1	o.	o.c.	o.x. or
CITY (Bunhill Row) ..	...	...	0.0	...	...	...	...	...	...	...
WESTMINSTER (St. James's Park)	82	87	0.4	38	33	28	2	...	...	...
(Roof near Charing Cross) ..	80	89	0.0	38	33	...	2	o.g.m.	o.m.c.	o. or o.m.
CAMDEN SQ. (British Rainfall) ..	100	86	0.0	36	29	24	2	o	o	...
KENSINGTON PALACE	...	84	...	37	30	25	2	o	o	...
RICHMOND PARK.	...	...	0.0	...	...	...	...	...	...	...

### SOUTH KENSINGTON (M.O.)

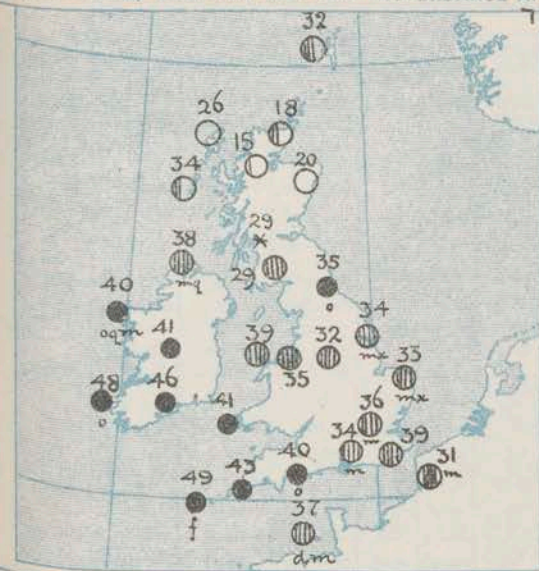
Vertical Component of Solar Radiation per square Centimetre during 4 <sup>TH</sup>		
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
151	4.5	14

5<sup>TH</sup> FEB, at 1h. G.M.T.

THE MORNING OF WEDNESDAY, 5<sup>TH</sup> FEBRUARY 1919 at 7h. G.M.T.



## TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



## NOTES.

Aberdeen.  
Aurora during  
night.

## Notes on the Weather of the 24 hours ended 7h. Today

Weather yesterday was more variable than of late, the distribution of bright sunshine being irregular, but highest on the east coast, where Nairn recorded 6.3 hours, Aberdeen 5.6 hours and Yarmouth 5.0 hours, while the south-west was in general sunless. During the course of the day rain spread from the south of Ireland eastward along the Channel, preceded by a development of mist and accompanied by a rising temperature. Snow showers fell in Scotland.

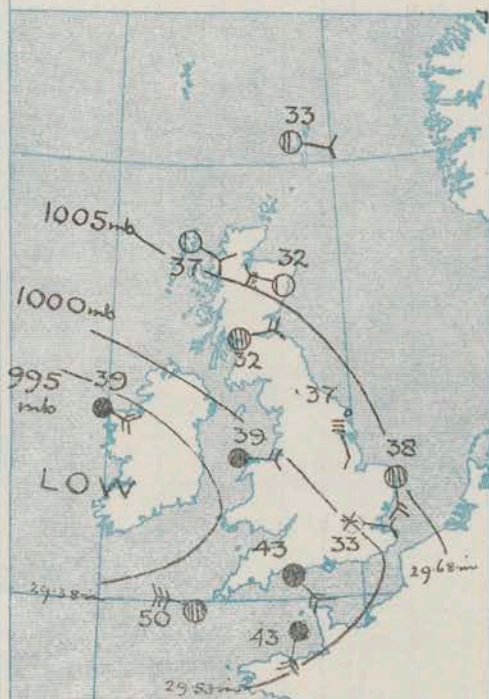
## The Present Conditions at 7h. Today

A depression lies off the south-west of Ireland, with slight secondary disturbances over south-west England and Cumberland. Over Scotland the distribution is irregular. There is an area of high pressure over Northern Norway and a second from Denmark through Central Europe, and Spain to Madeira. Pressure is low over the Baltic and Sardinia.

## The Outlook

The barometer is falling slowly from Central France to Iceland, and the depression off the south-west of Ireland will probably spread eastwards or north-eastwards and bring South-Easterly winds with rainy rather milder weather over these Islands.

CAB.

WEDNESDAY, 5<sup>TH</sup> FEBRUARY, 1919, at 12h. (1p.m.) G.M.T.

The depression is now situated over the south of Ireland, with a secondary over the eastern Channel. The barometer continues to fall in the east, but on the western coasts the fall has ceased. The depression will probably cross the south of England in an Easterly direction.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1919. No. 36.

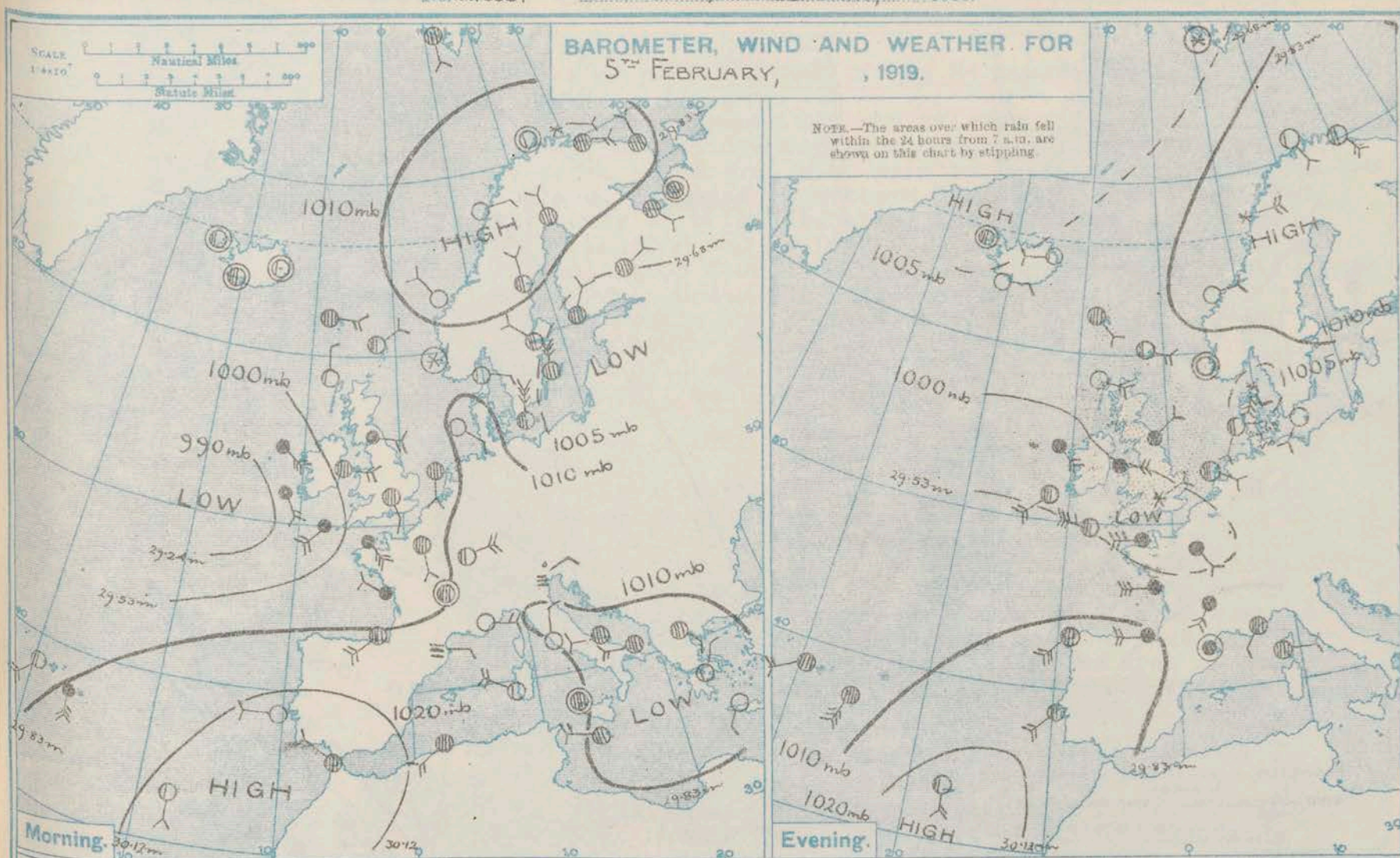
WEDNESDAY,  
5<sup>TH</sup> FEBRUARY.

STATIONS.		EVENING OF 4 <sup>TH</sup> .....					MORNING OF 5 <sup>TH</sup> .....										24 HOURS ENDED 7 h. 5 <sup>TH</sup> .....					Sun- shine for 4 <sup>TH</sup> Hours	
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometre.		Temp.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	1010.3	30	N	3	bc	1008.5	-2	32	+4	ENE	2	-	c	2	-	34	28	bc	bc	bc	*	
	Houton B. (Orkney) ...	1011.5	29	NNE	3	b	1008.4	-2	30	+3	-	0	*	s	1	*	32	27	bc, c. fs.	b. bc. fs.	fs. b. bc.	1.6	
	Stornoway ...	1011.5	29	NNE	2	b	1006.8	-1	26	-6	N	1	-	b	0	-	35	25	c	c. b.	c. bc.	0.8	
	Castlebay (Barraisd.) ...	1010.3	34	NE	2	c	1005.0	0	34	-2	E	3	-	bc	3	-	36	32	c. c. o.	a. c.	c. bc.	0.0	
	Glasgow ...	1010.8	31	ENE	2	omg.	1006.6	-3	29	-6	NE	3	-	s	*	0.3	35	28	omg. sp.	omg. sp.	om. osh.	0.0	
	Eskdalemuir ...	1010.8	29	NE	3	os	1005.8	-3	29	-5	NE	3	-	o	*	0.3	34	28	om. os. m.	os	os. o. os.	0.0	
	Malin Head ...	1007.5	40	E	3	cg	1001.0	-3	38	+3	ESE	4	-	omg.	3	-	40	34	cm.	cm.	omg.	0.8	
	Blacksod Point ...	1003.3	39	ENE	4	ogm	995.9	-5	40	+4	ESE	5	-	ogm.	4	0.4	41	36	bc.	ogm.	o. omg.	x	
	Valencia (Cabirciveen) ...	997.7	47	E	4	o	1001.9	-2	48	+2	SE	3	-	o	9	4.9	46	46	od. r.	od. r.	c. or	0.0	
	Roche's Point ...	1001.1	45	SE	5	r	994.4	-2	46	+1	SE	2	-	r	5	12	46	45	or	r	r. m.	x	
	Birr Castle ...	1003.8	43	E	1	o	996.4	x	41	-	E	2	-	r	x	2	45	38	og.	og.	o	0.0	
	Donaghadee ...	1008.4	40	SE	1	ogmf	1002.4	-4	38	+4	ESE	4	-	ofgg.	4	1	41	32	ogm.	ogmf	ogmf. f.	x	
	Liverpool (Bidston) ...	1008.8	35	SE	3	o	1002.5	-3	35	+4	SE	4	SE	o	3	0.2	37	31	b	c. om.	od.	1.5	
	Holyhead ...	1007.5	38	E	4	og	1000.2	-5	39	+2	E	4	-	og	2	4	40	36	bc. c. o.	om. o.	og	0.0	
	Pembroke (St. Ann's) ...	1005.4	43	SE	4	or	997.8	-?	41	+1	ESE	5	-	or	5	7	43	38	of.	o. of.	or.	0.0	
	Scilly (St. Mary's) ...	1002.0	48	SSE	5	omf	998.4	-2	49	+3	W	3	-	rg	4	10	49	44	omg.	omf	or.	0.0	
	Falmouth ...	1004.4	43	SE	5	rg	997.7	-8	43	+1	SSE	3	-	r	x	19	46	41	b. bc. or.	rg.	rg. r.	0.0	
	Jersey (St. Aubin) ...	1011.2	41	S	5	od	1002.9	-2	37	-6	SE	5	-	odm	4	10	45	35	o	od	or. odm	0.0	
	Portland Bill ...	1008.1	45	SSE	4	or	1001.6	-5	40	+2	SSE	5	-	or	5	6	45	38	c. og.	cg.	c. or.	x	
	Dungeness ...	1011.8	34	NNW	2	c	1006.6	-2	39	+5	S	3	-	o	3	2	41	32	c. o.	c.	c. or. o.	x	
NORTHERN EUROPE.	Wick ...	1010.3	26	WNW	2	bc	1007.3	-2	18	-6	WNW	2	-	bc	2	0.4	30	17	bc. fs.	bc. fs.	bc. m.	x	
	Nairn ...	1011.1	24	-	0	b	1007.6	x	15	-11	-	0	-	b	7	-	31	18	b	b	b. x	6.3	
	Aberdeen ...	1011.1	28	WNW	3	b	1008.0	-2	20	-7	W	2	-	b	2	-	34	20	bc. b	b	b	5.6	
	Leith ...	1010.2	32	SE	1	s	1006.2	-2	33	-1	SE	1	-	s	1	0.3	35	32	or. s. o.	os. o.	s. os.	x	
	Tynemouth ...	1010.4	34	NE	2	sm	1005.5	-?	35	0	E	3	-	or	3	5	35	33	om. s.	om. s.	om. s.	x	
	Spurn Head ...	1010.8	35	SW	1	bc. m.	1006.1	-2	34	+2	S	2	-	omx	2	-	36	31	om.	om.	om.	0.0	
	Yarmouth (Gorleston) ...	1011.9	30	W	1	b	1008.2	-4	33	+4	SW	2	-	omx	2	-	36	26	bm	bm	bm. om.	5.0	
	Clacton-on-Sea ...	1012.3	31	WNW	1	m	1006.1	-3	38	+6	S	2	S	o	2	-	38	29	a. c. om.	o. cm	om. o.	1.4	
	Nottingham ...	1010.6	32	SW	1	cm	1005.2	x	32	+4	E	1	-	o	*	-	36	27	bc. m.	bm	c. o.	2.0	
	Benson (Oxon.) ...	1011.2	33	WSW	1	o	1003.9	-5	35	+4	SE	3	-	o	*	0.2	37	30	c.	o	l. m.	x	
	St. Farnborough ...	-	-	E	2	om	1004.7	-5	34	+4	ESE	3	-	om	*	1	37	30	om	om	od. om.	0.0	
	Salisbury Plain ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	London (Kew Obsy.) ...	1011.8	33	-	0	m	1005.0	-4	36	+4	SE	1	-	om	*	2	37	32	bc. cm.	om. bc.	bm. om.	0.5	
	FRANCE, &c.	Isafjord ...	1012.3	28	-	0	c	1007.3	-2	29	+1	-	0	-	bc	*	*	*	*	*	*	*	*
		Reykjavik ...	1012.3	32	-	0	s	1007.7	-2	31	+6	E	1	-	o	*	*	*	*	*	*	*	*
		Vestmanna ...	1012.8	32	N	1	b	1008.7	-3	33	+1	-	0	-	c	*	*	*	*	*	*	*	*
		Seydisfjord ...	1012.2	27	W	1	bc	1008.8	-3	24	+3	-	0	-	b	*	*	*	*	*	*	*	*
		Thorshavn ...	1010.4	25	-	0	o	1007.8	-2	33	-4	E	3	-	o	*	*	*	*	*	*	*	*
		Spitsbergen ...	1008.7	16	S	3	s	1005.9	0	18	+29	S	2	*	o	*	*	*	*	*	*	*	*
Vardö ...		1011.8	23	N	4	b	1014.1	+3	32	+9	ESE	2	-	s	3	*	32	23	-	-	-	-	
Gjesvør ...		1013.2	19	E	3	bc	1014.1	*	21	-2	-	0	-	b	2	2	23	18	-	-	-	-	
Bodö ...		1014.0	12	E	1	b	1015.1	0	12	-2	E	1	-	b	1	-	16	7	-	-	-	-	
Christiansund ...		1007.5	27	NW	3	b	1010.9	0	18	-9	NW	2	-	b	3	4	30	16	-	-	-	-	
Skudesnaes ...		1007.5	30	SE	3	o	1005.7	0	21	-4	-	0	-	s	3	?	30	21	-	-	-	-	
Færder (X'ania Fjord) ...		1008.8	21	NE	2	b	1006.9	0	16	-5	NE	2	-	m	1	-	21	16	-	-	-	-	
The Scaw (Skagen) ...		1006.3	23	NNE	3	o	1008.7	0	25	-3	E	1	-	b	0	-	28	21	-	-	-	-	
Blaavands Huk ...		1007.0	28	NW	2	c	1011.0	+1	25	-9	ESE	1	-	b	*	Trace	36	16	-	-	-	-	
Copenhagen ...		1004.0	28	NW	4	c	1009.9	+3	19	-15	NNW	2	-	bc	*	1	34	18	-	-	-	-	
Bornholm ...		1000.8	30	W	10	b	1007.3	+4	23	-9	N	6	N	c	1	2	32	21	-	-	-	-	
FRANCE, &c.		The Helder ...	1010.4	37	SW	4	o	1008.2	-1	34	-3	S	2	-	o	1	3	37	30	-	-	-	-
		C. Gris Nez ...	1012.2	36	S	2	o	1007.9	-1	34	+2	S	4	-	o	*	-	37	32	-	-	-	-

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,895.

THURSDAY, 6<sup>th</sup> FEBRUARY, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 5<sup>th</sup> FEBRUARY.

STATIONS.	EVENING OF 4 <sup>TH</sup>					MORNING OF 5 <sup>TH</sup>										AFTERNOON OF 5 <sup>TH</sup>						
	Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.			Barometer.		TEMP.		WIND.		Rain- fall. Milli- metres.	TEMP.		ICELAND.	Barom. Milli- bars at M.S.L.	TEMP.		WIND.			
			Dirac.	Force 0-12.	Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours. °F.	Dirac.	Force 0-12.		Weather.	Max.			Min.	Dry Bulb. °F.	Change in 24 hours. °F.	Dirac.	Force 0-12.	Weather.
RUSSIA.																						
Orlov ...	*	*F.	X	X	X	1010.6	*	*F.	*F.	N	2	0		*F.	*F.							
Kem ...	*	*	X	X	X									*	*							
Archangel ...	*	*	X	X	X	1009.1	+3	3	0	-	0	0	1	*	*							
Imandra ...	*	*	X	X	X									*	*							
SWEDEN.																						
Haparanda ...						1014.7	*	10	-1	N	2	0	*	*	*							
Hernösand ...						1011.5	*	12	0	N	2	0	*	*	*							
Stockholm ...						1007.3	*	10	-2	NNW	2	0	*	*	*							
Wisby ...						1003.7	*	25	-3	N	8	0	*	*	*							
Sordovalä ...						1005.0	*	9	-5	NE	2	0	*	*	*							
Hangö ...						1002.3	*	7	-18	NNE	2	0	*	*	*							
ITALY.																						
Venice ...	1011.9	39	-	0	b	1013.1	*	30	-2	NE	1	m	-	46	30							
Turin ...	1012.3	32	-	0	b	1014.2	*	25	-2	-	0	b	-	37	23							
Pesaro ...	1011.1	43	W	2	0	1013.0	*	36	-1	W	1	0	-	45	32							
Leghorn ...	1009.9	41	-	0	b	1008.7	*	39	0	-	0	b	-	46	37							
Rome ...	1006.4	41	ESE	2	b	1010.3	*	36	+6	N	1	b	Trace	52	30							
Viestù ...	1006.2	45	S	2	0	1009.3	*	45		W	2	0	2	48	39							
Brindisi ...	1006.3	46	SE	7	c	1008.3	*	46	-6	NW	3	0	-	55	46							
Cagliari ...	1006.3	48	NW	4	0	1013.1	*	46	-2	NW	4	b	8	54	37							
Palermo ...	1004.6	52	-	0	0	1010.3	*	50		-	0	0	15	57	43							
Tripoli ...																						

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.				
6 <sup>TH</sup> AND 7 <sup>TH</sup> FEB. 1919.	Sunrise.	Noon.	Sunset.	
	G.M.T.	G.M.T.	G.M.T.	
Yarmouth ...	7.29	12.7	4.45	
	7.27	12.7	4.47	
Greenwich ...	7.33	12.14	4.58	
	7.31	12.14	4.57	
Wick ...	8.10	12.26	4.42	
	8.8	12.26	4.47	
Valencia ...	8.18	12.55	5.35	
	8.13	12.55	5.32	

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

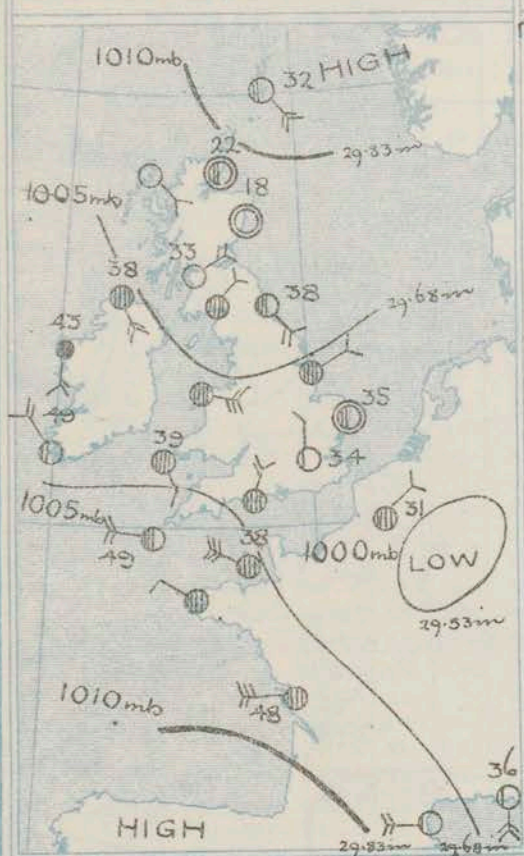
6 <sup>th</sup> and 7 <sup>th</sup> FEB. 1919.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.29	12.7	4.45
Greenwich ...	7.27	12.7	4.47
Wick ...	7.33	12.14	4.58
Valencia ...	7.31	12.14	4.57
	8.10	12.26	4.52
	8.8	12.26	4.47
	8.13	12.55	5.35
	8.13	12.55	5.27

LONDON	HUMIDITY.		Sun-shine for 24 HOURS.	TEMPERATURE.				WEATHER.		
	5 <sup>th</sup>	6 <sup>th</sup>		Max.	Min.	Min. on Grass.	Rain-fall.	Morning.	Afternoon.	Night.
6 <sup>th</sup> FEB. 9h. G.M.T.										
GREENWICH (Royal Observatory)	98	97	0.0	36	32	31	6	0.05	05.	05.0.05
CITY (Bunhill Row)	*	*	0.0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	99	90	0.0	38	33	31	7	*	*	*
" (Roof near Charing Cross)	98	100	0.0	38	33	*	7	0m.05.	05m.	05.0m.
CAMDEN SQ (British Rainfall)	100	100	0.0	37	30	32	9	0.05.	05.	*
KENSINGTON PALACE	*	90	*	37	32	30	7	0.05.	05.	*
RICHMOND PARK	*	*	0.0	*	*	*	*	*	*	*

SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during 5 <sup>th</sup> ...		
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
59	1.8	3

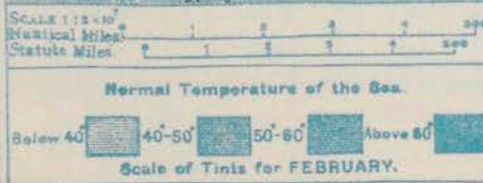
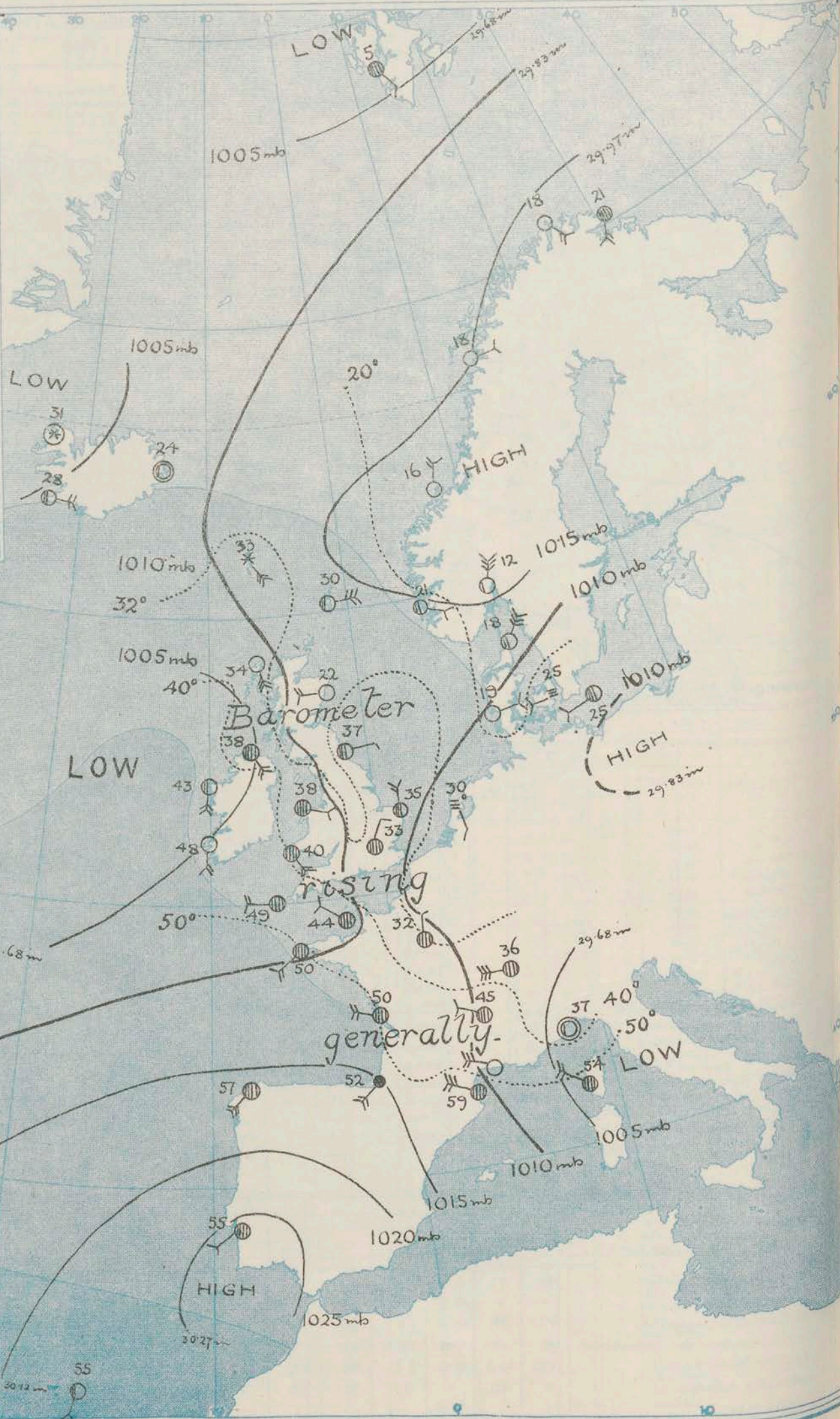
6<sup>TH</sup> FEB, at 1h. G.M.T.

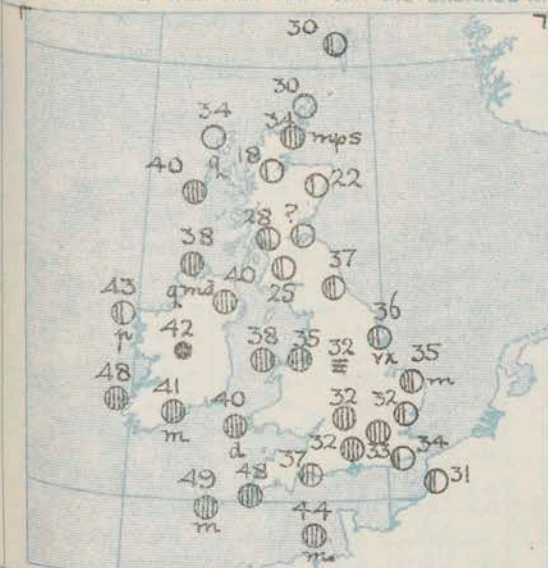
THE MORNING OF THURSDAY, 6<sup>TH</sup> FEBRUARY 1919 at 7h. G.M.T.



**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. Calm   
**TEMPERATURE.**—Given in degrees Fahrenheit.  
 Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 clear sky. sky 1/2 clouded. sky 3/4 clouded. overcast sky. rain falling. snow. hail. fog. mist. T, thunder. thunderstorm.  
**SEA DISTURBANCE.**—Rough High .





## NOTES.

## Notes on the Weather of the 24 hours ended 7h. Today

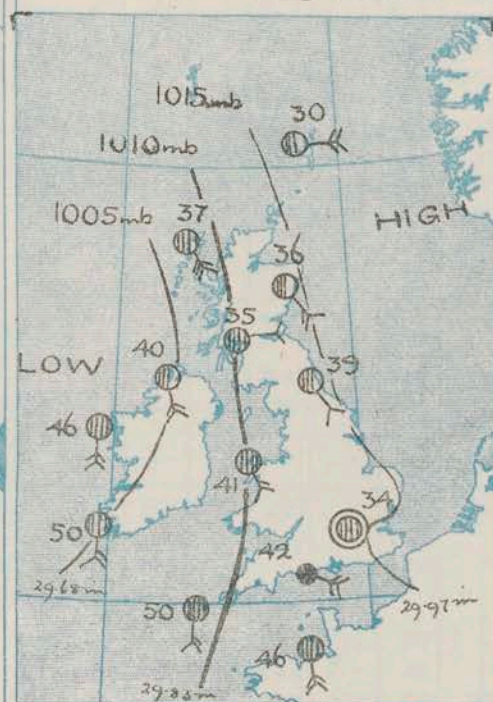
Weather yesterday was fair or fine in the north and east of Scotland except for occasional snow showers, but overcast elsewhere, with rain in Ireland and Western England, and snow in eastern England. Nairn received 7.7 hours of bright sunshine and Castlebay 6.6 hours, while England and Ireland were sunless except at Falmouth (0.3 hours). The maximum precipitation was 13 mm. at Jersey. Under the influence of a Westerly wind temperature in the south-west rose to maxima of  $50^{\circ}$  or more (Falmouth  $52^{\circ}$ ) but other parts of the country remained cold especially north-east Scotland, where the minimum fell to  $17^{\circ}$  at Wick and  $14^{\circ}$  at Nairn.

## The Conditions at 7h. Today

The distribution of pressure over western Europe has become very irregular. There is an anticyclone over Norway, extending eastwards over Finland in the north. Another anticyclone lies over Madeira and Southern Portugal and extends north-eastwards across Spain to Western France. A large depression lies north-west of Ireland, and others north-west of Iceland and over Spitzbergen, while there is an irregular area of low pressure over Germany and North-east France with a minimum over Corsica.

## The Outlook

Pressure is rising generally over these Islands (except at Malin Head), over most of France, and over Scandinavia and the Western Baltic. The rise is greatest in the south-east of England and north-east of France, and a large anticyclonic area will probably establish itself over the North Sea and adjacent territories causing light Easterly winds and cold, variable weather with slight snow showers on our eastern coasts.

THURSDAY 6<sup>th</sup> FEBRUARY, 1919, at 12h. (1p.m.) G.M.T.

The rise of the barometer is checked in the east and has been succeeded by a slight fall in the west. There are, however, no immediate indications of the approach of a fresh disturbance, and moderate winds between East and South will probably continue for the present.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1919. No. 37...

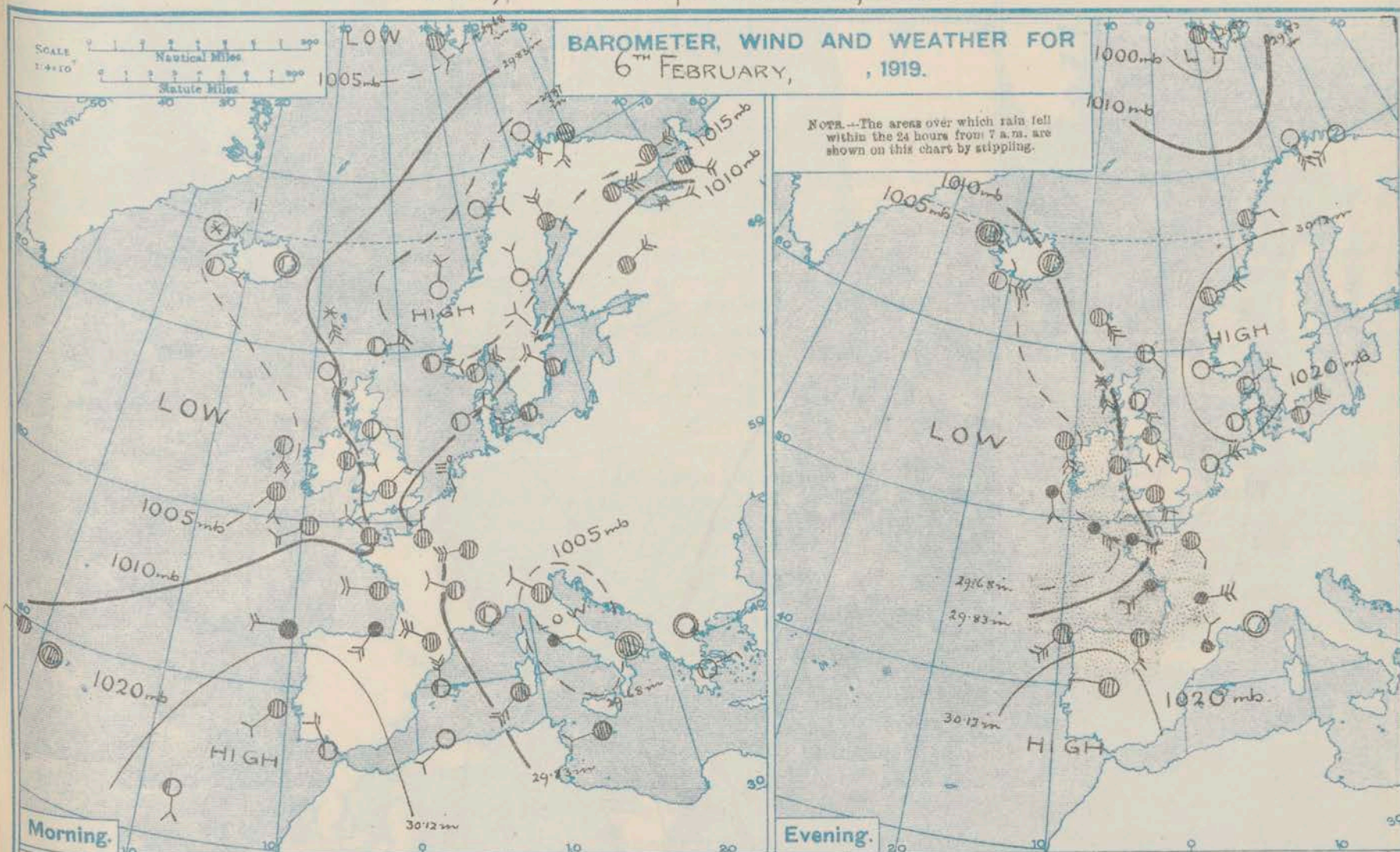
THURSDAY  
6<sup>TH</sup> FEBRUARY.

STATIONS.	EVENING OF 5 <sup>TH</sup> .....					MORNING OF 6 <sup>TH</sup> .....										24 HOURS ENDED 7 h. 6 <sup>TH</sup> .....					San- shin for 5 <sup>TH</sup> Hours.		
	Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 2 hours.	TEMP. °F.	Change in 2 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
			Dir.	Force 0-12.						Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick ...	1008.5	32	E	3	bc	1014.8	+4	30	-2	E	5	-	bc	3	1	35	29	bc	bc.	bc	*	
	Houton B. (Orkney) ...	1007.0	30	NE	1	b	1013.2	+4	30	0	E	5	*	c	3	*	37	27	bc. v.	ps. v.	bc. rs.	*	
	Stornoway ...	1005.4	33	ESE	4	b	1009.5	+1	34	+8	SE	5	-	bq	4	-	37	26	bc.	bc. b.	bq	5-5	
	Castlebay (Barraisd.) ...	1002.6	35	E	3	b	1007.1	+2	40	+6	ESE	5	-	o	6	-	40	33	bc. b.	b	b. o.	6-6	
	Glasgow ...	1003.8	32	ENE	4	o	1011.7	+4	28	-1	ENE	3	S	c	*	0.1	33	27	o	om. c. o.	os. c. z.	0-0	
	Eskdalemuir ...	1003.3	31	NE	4	osm	1012.4	+4	28	-4	N	2	S	bc	*	0.1	32	24	o. osm	osm	osm. o. c.	0-0	
	Malin Head ...	999.4	39	ESE	4	cmg	1004.1	0	38	0	SE	4	-	omqd	4	1	41	35	cmg	cmg	omqd	0-0	
	Blacksod Point ...	996.3	39	ESE	4	omf	1002.4	+2	43	+3	S	4	-	ch	4	7	45	35	om.	omf	om. bc.	*	
	Valencia (Cahirciveen) ...	998.6	51	WSW	4	c	1005.3	+2	48	0	S	3	-	o	4	0.3	51	47	od. c. o.	of. c.	c. c. o.	?	
	Roche's Point ...	998.1	44	SE	3	bc	1006.6	+2	41	-5	S	1	-	om	3	2	42	40	of. d.	d. f. bc.	b. om.	*	
	Birr Castle ...	996.8	40	E	1	o	1005.5	*	42	+1	SSE	1	-	r	x	8	42	39	or.	or. o.	or. od.	0-0	
	Donaghadee ...	1000.2	38	E	4	ogf	1008.1	+3	40	0	SE	4	-	ogmq	4	-	41	36	ogf	ogf.	ogf.	*	
	Liverpool (Bidston) ...	999.3	35	ESE	3	m	1009.8	+3	35	0	ESE	2	-	og	2	1	37	33	om.	om.	om.	0-0	
	Holyhead ...	998.1	37	E	4	ofm	1008.3	+2	38	+1	E	2	-	og	1	3	40	35	of. r. o.	of. r. m.	of. bc. a.	0-0	
	Pembroke (St. Ann's) ...	997.8	39	?	?	od	1008.1	+2	40	-1	ESE	4	-	od	4	8	41	37	or	od.	of.	0-0	
NORTHERN EUROPE.	Scilly (St. Mary's) ...	1008.0	49	WNW	7	c	1009.2	+3	49	0	W	3	W	om	5	6	51	47	om. r.	omf. cm.	c. omf.	0-0	
	Falmouth ...	998.3	50	WNW	7	odq	1009.0	+2	48	+5	WSW	3	-	o	8	52	43	om. od. m.	cg. odq.	b. bc. c. o.	0-3		
	Jersey (St. Aubin) ...	997.5	50	W	5	odm	1009.7	+2	44	+7	NW	2	-	om	2	13	50	36	odm. or.	or. od. m.	odm. om.	0-0	
	Portland Bill ...	994.7	41	NE	2	od.	1009.9	+7	37	-3	NE	4	-	c	4	9	45	37	or.	om. d.	od. c.	*	
	Dungeness ...	996.5	34	SSE	4	sq.	1009.6	+6	34	-5	NNW	3	NE	c	3	9	39	32	os.	g. os.	os. c. o. c.	*	
	Wick ...	1006.3	22	WNW	2	bc	1012.4	+3	34	+16	S	2	-	cmf. s.	2	1	37	17	bc.	bc.	bc. c. f. s.	*	
	Nairn ...	1005.8	24	-	0	bc	1012.0	*	18	+3	-	0	-	b	0	-	30	14	b	b	bcx	7-7	
	Aberdeen ...	1005.6	30	WNW	2	b	1012.8	+3	22	+2	WNW	3	-	b	2	1	32	20	b. bc. b.	b	b. bc. b.	5-7	
	Leith ...	1003.9	35	E	2	r	1011.4	+1	?	?	SE	1	E	b	1	1	36	31	s. o.	od. o.	d. od. z. b.	*	
	Tyne-mouth ...	1001.7	36	NE	2	omf	1010.7	?	37	+2	E	1	-	cm	3	7	38	33	os.	om. r.	om. cm.	*	
	Spurn Head ...	1000.3	37	SE	1	cm	1010.9	+3	36	+2	ENE	2	-	bc. vx	3	-	38	32	om.	o. cm.	bc. vx	0-0	
	Yarmouth (Gorleston) ...	1000.3	35	SE	4	omf	1010.7	+6	35	+2	N	3	-	cm	3	1	38	32	om.	om.	ch. bc.	0-0	
	Clacton-on-Sea ...	998.5	35	ESE	5	t	1010.5	+6	32	-6	NW	3	-	bcx	1	6	38	31	ogf. s.	ogf. r.	ogf. bc.	0-0	
	Nottingham ...	999.7	34	E	2	s	1011.5	*	32	0	SW	1	-	fe	2	2	37	31	as.	sr.	sr. a.	0-0	
	Benson (Oxon.) ...	996.9	33	E	1	o	1010.6	+7	32	-3	-	0	-	o	*	6	35	32	f	f	os. o.	*	
Sth Farnborough ...	-	-	NE	3	os. r. m.	1011.1	+2	32	-2	NNW	2	-	om	*	8	35	32	os. s. m.	os. s. r. m.	os. r. m.	0-0		
Salisbury Plain ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*		
London (Kew Obs.) ...	996.9	33	ENE	2	os. m.	1011.4	+6	33	-3	NNE	1	-	o	*	7	36	32	om. os. m.	os. os. m.	os. m. a.	0-0		
FRANCE, &c.	Isafjord ...	1003.3	32	-	0	c	1004.7	+1	31	+2	-	0	-	s	*	*	*	*	THE BEAUFORT SCALE OF WIND FORCE.			No.	
	Reykjavik ...	1005.3	34	E	4	c	1005.2	0	28	-3	E	4	-	bc	*	*	*	*					
	Vestmanna ...	1005.7	32	E	1	b	-	-	-	-	-	-	-	b	*	*	*	*	Limits of Velocity.			Statute miles per hour.	
	Seydisfjord ...	1006.7	24	W	2	b	1007.5	0	24	0	-	0	-	b	*	*	*	*					
	Thorshavn ...	1006.3	36	SE	2	o	1012.4	+1	33	0	SE	5	-	s	*	*	*	*	Metres per second.			Less than 1	
	Spitsbergen ...	1004.2	14	-	0	s	1002.7	-3	5	-13	SE	1	*	o	*	*	19	-2					
	Vardø ...	1016.6	23	SE	4	bc	1018.0	+1	21	-11	SW	3	-	o	3	32	21	Less than 0.5			Less than 1.5		
	Gjesvær ...	1015.9	18	SE	2	b	1016.0	*	18	-3	SE	3	-	b	2	-	21					14	
	Bodø ...	1014.6	18	E	4	s	1015.0	+1	18	+6	E	2	-	b	2	?	18	9	1.6-3.3			3-5.4	
	Christiansund ...	1013.1	16	E	2	b	1019.0	+3	16	-2	NNE												

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

N20896

FRIDAY, 7<sup>TH</sup> FEBRUARY, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 6<sup>TH</sup> FEBRUARY

MORNING OF 6 <sup>TH</sup>																	AFTERNOON OF 6 <sup>TH</sup>						
STATIONS.	EVENING OF 5 <sup>TH</sup>					MORNING OF 6 <sup>TH</sup>										ICELAND.	AFTERNOON OF 6 <sup>TH</sup>						
	Barom. Millibars at M.S.L.	Temp.	Wind	Force 0-12.	Weather.	Barometer.	Temp.		Wind.	Force 0-12.	Weather.	Rain-fall. Millimetres.	Temp.		Barom. Millibars at M.S.L.		Temp.	Wind.					
						Milli-bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.			Max.	Min.		Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.	Weather.		
		°F.						°F.	°F.					°F.	°F.		°F.	°F.					
RUSSIA.																							
Orlov ...	x	x	x	x	x									x	x								
Kem ...	x	x	x	x	x	1008.6	x	12	?	NE	6	S	x	x	x		Isafjord ...	1002.0	36	+1	E	6	bc
Archangel ...	x	x	x	x	x	1009.0	x	7	+4	ESE	4	0	x	x	x		Reykjavik ...	1013.3	37	+4	SE	7	c
Imandra ...	x	x	x	x	x									x	x								
SWEDEN.																							
Haparanda ...						1016.6	x	0	-10	N	3	0	x	x	x		Vestmanna ...	1004.8	33	-2	-	0	0
Hernösand ...						1017.1	x	7	-5	N	2	0	x	x	x		Seydisfjord ...	1006.9	24	+1	SW	3	c
Stockholm ...						1010.3	x	12	+2	NNW	2	S	x	x	x		Thorshavn ...	1003.7	32	-5	E	5	bc
Wisby ...						1008.7	x	21	+4	NNW	4	b	x	x	x								
Sordoval ...						1007.0	x	7	+2	NNE	4	0	x	x	x								
Hango ...						1004.0	x	9	+2	N	3	0	x	x	x								
ITALY.																							
Venice ...							x																
Turin ...	1009.4	34	SW	5	S	1006.2	x	30	+5	S	3	0	4	37	25								
Pesaro ...	1010.9	35	-	0	b	1003.4	x	36	0	NW	2	0	2	43	32								
Leghorn ...						999.5	x	43	+4	-	0	0	5	50	39								
Rome ...	1010.7	43	N	1	bc		x																
Viesti ...	1010.9	46	W	3	0	1004.7	x	48	+3	S	1	0	1	50	37								
Brindisi ...	1010.5	48	NW	2	0	1007.3	x	45	-1	-	0	bc	-	50	45								
Cagliari ...	1014.5	48	NNW	3	b	1007.7	x	46	0	SW	5	0	3	54	39								
Palermo ...	1013.3	46	-	0	0	1007.4	x	52	+2	S	4	r	3	54	45								
Tripoli ...							x																

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM																
7 <sup>TH</sup> AND 8 <sup>TH</sup> FEB 1819.			Sunrise.	Noon.	Sunset.											
			G.M.T.	G.M.T.	G.M.T.											
Yarmouth ...			7.27	12.7	4.47											
			7.26	12.7	4.48											
Greenwich ...			7.31	12.14	4.57											
			7.30	12.14	4.58											
Wick ...			8.8	12.26	4.44											
			8.6	12.26	4.46											
Valencia ...			8.13	12.55	5.37											
			8.12	12.55	5.37											

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

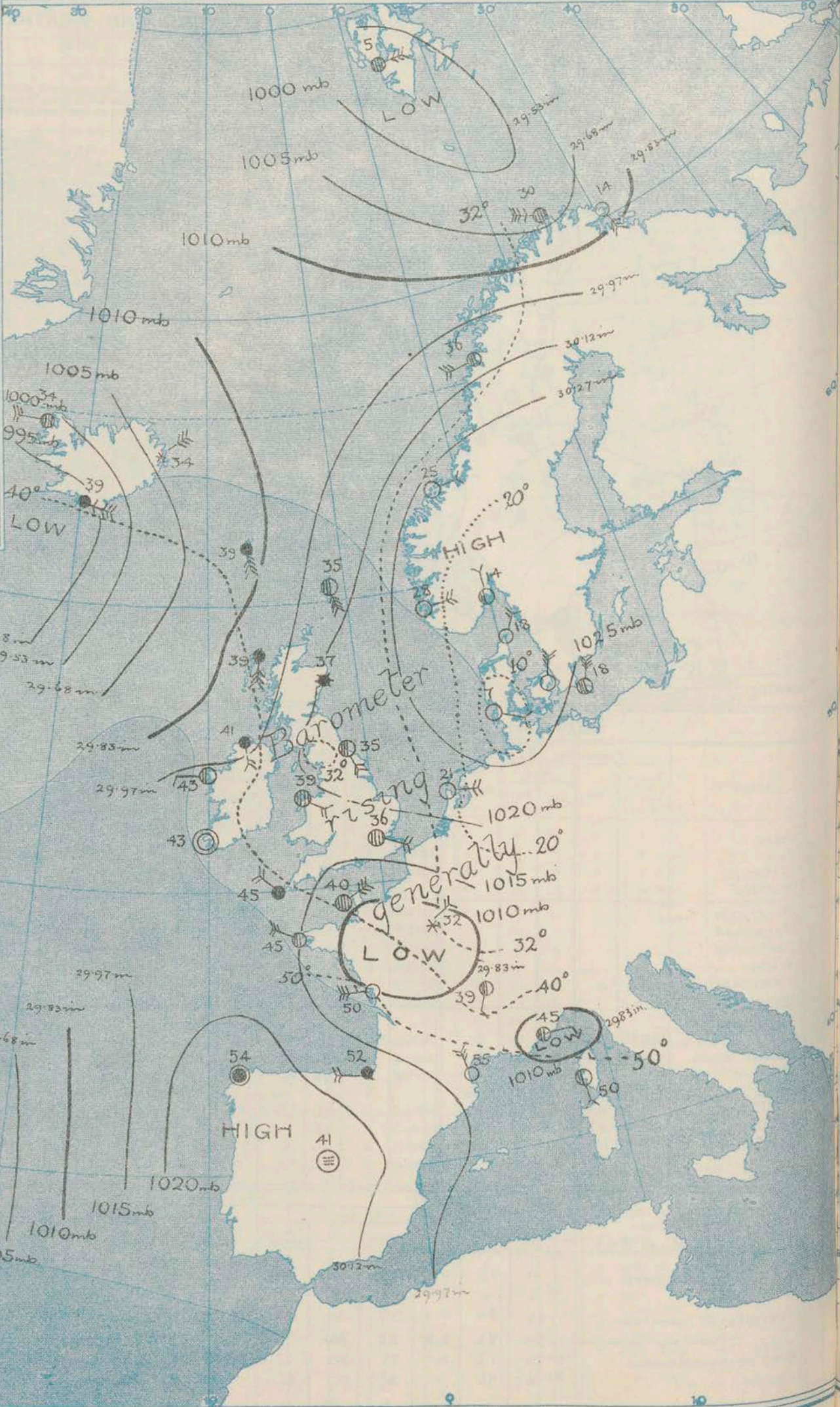
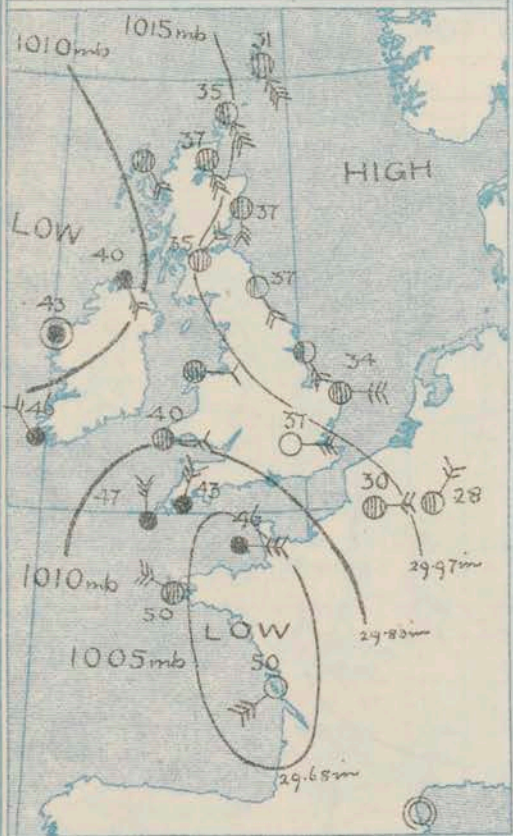
7 <sup>TH</sup> AND 8 <sup>TH</sup> FEB 1919.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.27	12.7	4.47
	7.26	12.7	4.48
Greenwich ...	7.31	12.14	4.57
	7.30	12.14	4.58
Wick ...	8.8	12.26	4.44
	8.6	12.26	4.46
Valencia ...	8.13	12.55	5.37
	8.12	12.55	5.38

LONDON 7 <sup>TH</sup> FEB. 9h. G.M.T.	Humidity.		Sun-shine for 24 hours.	TEMPERATURE.			Rain-fall.	WEATHER.		
	13h.	9h.		Max.	Min.	Min. on Grass.		Morning.	Afternoon.	Night.
	6 <sup>TH</sup>	7 <sup>TH</sup>		°F.	°F.	°F.				
GREENWICH (Royal Observatory)	91	75	0.2	36	33	29	-	O	C.O	O
CITY (Bunhill Row)	x	x	0.0	x	x	x	x	x	x	x
WESTMINSTER (St. James's Park)	89	84	0.0	39	34	29	-	x	x	x
" (Roof near Charing Cross)	90	82	0.0	39	34	x	-	omg	omg	omg
CAMDEN SQ. (British Rainfall)	94	78	0.0	37	33	27	-	O	d.O.	x
KENSINGTON PALACE	x	96	x	37	33	31	-	C	O	x
RICHMOND PARK	x	x	x	x	x	x	x	x	x	x

SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during 6 <sup>TH</sup>		
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
63	1.9	8

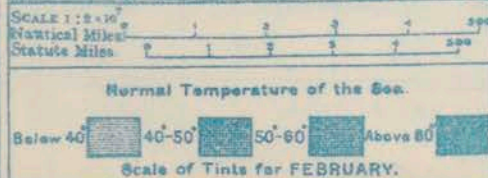
7<sup>th</sup> FEB, at 1h. G.M.T.

THE MORNING OF FRIDAY, 7<sup>th</sup> FEBRUARY 1919 at 7h. G.M.T.

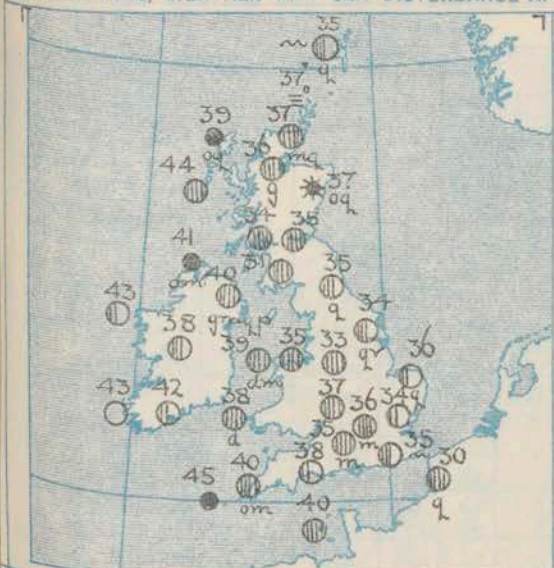


EXPLANATION.

- 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. Calm.
- TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.
- WEATHER.—Shown by the following symbols:—  
 ○ clear sky. ○ sky & clouded. ○ sky & clouded.  
 ○ sky & clouded. ○ overcast sky. ○ rain falling.  
 \* snow. ▲ hail. = fog. = mist. T. thunder.  
 Ts, thunderstorm.
- SEA DISTURBANCE.—Rough. High.



## TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



## NOTES.

Lerwick.  
Gale 21h (6<sup>m</sup>) - 7h (7<sup>m</sup>)  
W. SE gale 22h (6<sup>m</sup>)

## Notes on the Weather of the 24 hours ended 7h. Today

Under the influence of a small depression moving up the Channel heavy rain fell during the night in the south-west of England, 29 mm. at Falmouth and 25 mm. at Jersey. Rain or snow fell also in smaller amounts over other parts of the country. Little sunshine was measured in most districts but Spurn-Head reported 4.1 hours and Eskdalemuir 3.7 hours. Temperature touched 50° in the south-west but remained below 40° at many eastern stations.

## The Conditions at 7h. Today

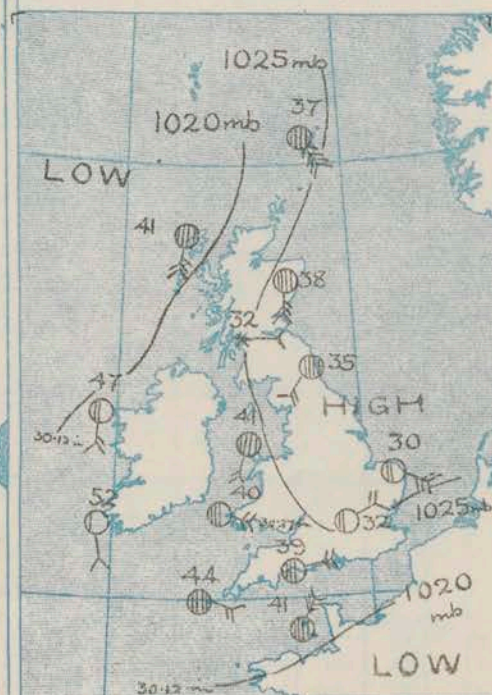
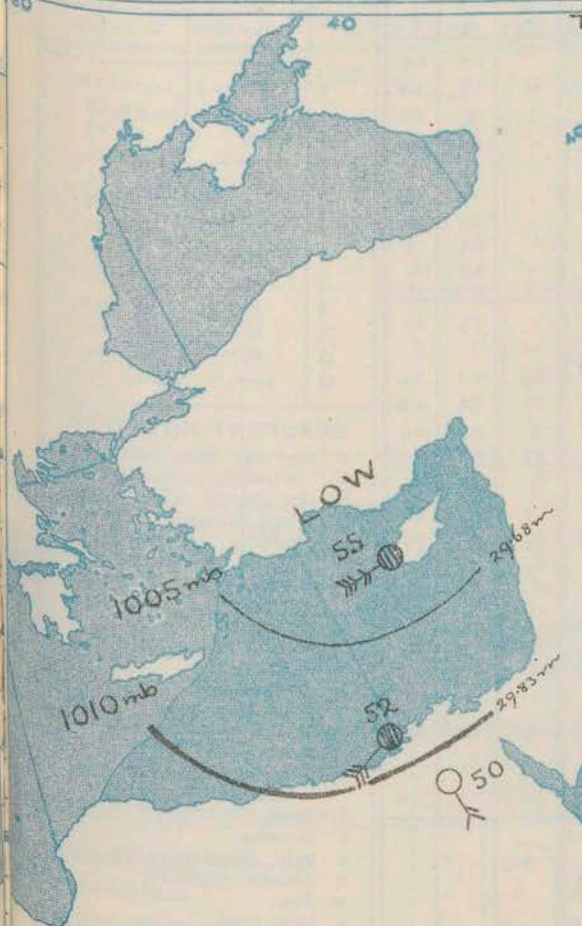
Anticyclones lie over Scandinavia and Spain, a depression over France and other depressions in the Iceland and Azores neighbourhoods. Winds are strong from S. in the north of Scotland, a gale is blowing in the Orkneys and Shetlands. A strong E. wind prevails over the Southern North Sea, the Eastern Channel and NE France. Over the British Isles there is much low cloud with local drizzle and sleet. Snow is falling in Northern France. Across the North Sea weather is fine and very low temperatures prevail, 7° being reported at Blavands Huk.

## The Outlook

Depressions of considerable intensity are shown over the Atlantic. After a temporary quiet spell these are likely to affect our western coasts where a Southerly wind will again prevail.

FRIDAY, 7<sup>th</sup>

FEBRUARY, 1919, at 13h. (1p.m.) G.M.T.



Pressure is still rising generally but the wind on our western coasts is becoming S-SE. under the influence of the Atlantic disturbances.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1919. No. 38. FRIDAY, 7<sup>th</sup> FEBRUARY.

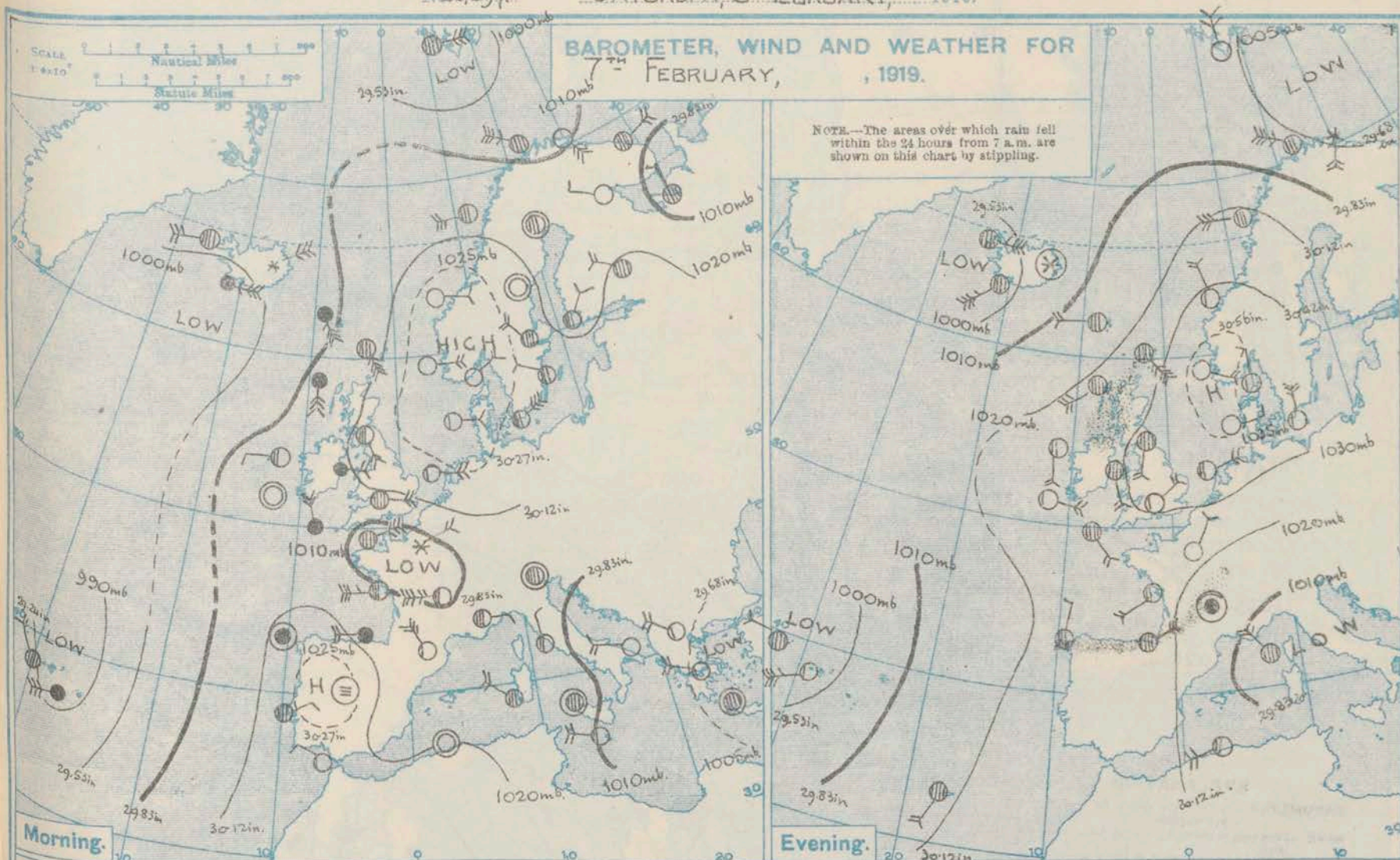
STATIONS.		EVENING OF 6 <sup>th</sup> .....					MORNING OF 7 <sup>th</sup> .....								24 HOURS ENDED 7 <sup>th</sup> .....					Sun- shine for 6 <sup>th</sup> Hours		
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 24 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.		Afternoon.	Night.
		°F.						°F.								°F.	°F.					
BRITISH ISLANDS.	Lerwick	1017.7	30	ESE	5	bc	+1	35	+5	SE	8	SE	cq	6	-	36	28	c	bc.	cq	*	
	Houton B. (Orkney)	1013.9	34	SE	1	o	+3	37	+7	SSE	8	*	om	3	*	37	28	b.bc.	c.v.	c.o.	*	
	Stornoway	1009.1	35	SE	5	ofs	+4	39	+5	S	6	-	om	5	6	41	34	o	ofs.	ofs.	0.3	
	Castlebay (Barra Isd.)	1007.3	41	ESE	5	ofs	+6	44	+4	S	4	-	o	5	5	44	38	ot.	rdp.	dpo.	0.0	
	Glasgow	1013.1	35	ENE	3	og	+6	34	+6	ESE	2	-	o	*	-	36	27	c.o.	o	og.o.	0.0	
	Esksdalemuir	1013.8	33	SE	3	o	+7	31	+6	SE	1	-	o	*	-	35	24	bc.v. c.o.	ov. o.	o	3.7	
	Malin Head	1004.9	39	SSE	5	cmq	+6	41	+3	SSE	3	-	omr	3	3	41	36	cmq.	cmq.	omr	0.0	
	Blacksod Point	1003.4	46	SSE	4	ofe	+7	43	o	W	1	-	bc	2	6	47	34	omf.	ofe.	omf. bc.	*	
	Valencia (Cahirciveen)	1005.0	48	SSE	3	r	+6	43	-5	-	o	-	b	4	10	50	42	od. g.	ot.	r.o. c.b.	0.0	
	Roche's Point	1006.0	46	SE	3	fd	+3	42	+1	NW	3	NW	bc	3	13	47	39	afd	fd	fr.o. bc.	*	
	Birr Castle	1005.4	46	S	1	o	*	38	-4	SW	1	-	c	*	3	47	38	og.	og.	ot. c.	0.0	
	Donaghadee	1008.8	40	SSE	4	ogm	+5	40	o	SSE	4	-	ogm	4	2	41	38	ogm.	ogm.	ogf.	*	
	Liverpool (Bidston)	1011.7	36	ESE	4	m	+6	35	o	ESE	3	-	o	3	-	38	34	o cm.	om	om	0.0	
	Holyhead	1008.9	42	E	2	og	+6	39	+1	E	3	-	odm	2	2	43	37	a.c. of	og.	ofde	0.0	
	Pembroke (St. Ann's)	1008.2	39	E	4	ot	+8	38	-2	ESE	3	-	od	3	2	40	37	ogz	ogz m.	od. od.	0.0	
	Seilly (St. Mary's)	1003.7	49	ESE	5	omr	+9	45	-4	NNW	4	N	omr	5	21	51	44	om	fr. om	omr	0.0	
	Falmouth	1006.1	48	SE	2	om	+10	40	+8	N	1	-	o	*	29	52	39	omf.	fe. fr.	og. ot.	0.0	
	Jersey (St. Aubin)	1009.1	47	ESE	5	odm	+5	40	-4	NE	6	-	o	4	25	47	38	o	odm	ot. o.	0.0	
	Portland Bill	1010.9	40	ESE	5	od	+11	38	+1	ENE	6	E	bc	6	10	43	37	od.	ot.	r.c. bc.	*	
	Dungeness	1014.0	40	SSE	3	b	+3	35	+1	E	6	E	c	5	-	40	33	c. bc. c.	c. o.	c. c. c.	*	
Wick	1013.6	37	SE	4	cq	+3	37	+3	SSW	5	-	omq	5	1	38	34	omf. o	cq.	c. omf.	*		
Nairn	1012.6	34	-	o	o	*	36	+8	-	o	-	og	1	-	36	18	s. bc.	bcg. c.	ogq.	0.4		
Aberdeen	1015.4	37	SE	4	bcy	+6	37	+15	SSE	4	-	otsq	4	1	39	21	bc. cz.	c. bcg.	og. ots.	0.1		
Leith	1013.8	36	E	1	o	+2	35	o	SSE	3	-	o	2	-	38	30	bz. bc. c.	c. om. a.	og. g. o.	*		
Tynemouth	1014.4	38	SSE	3	c	?	35	-2	SSE	4	-	cq	3	-	41	34	c.	bc.	cmq.	*		
Spurn Head	1015.0	38	ESE	3	bv	+4	34	-2	ESE	5	-	cq	3	-	41	32	bv.	bv.	bc. cq.	4.1		
Yarmouth (Gorleston)	1015.5	38	ESE	5	bc	+6	36	+1	ESE	6	-	bcq	6	-	42	30	bc. m. b.	b. bc.	bcq.	*		
Clacton-on-Sea	1015.4	38	ENE	3	o	+7	34	+2	E	6	SE	bc	4	-	40	31	bc. m.	bc. m. o.	o. bc.	2.9		
Nottingham	1014.7	34	E	1	o	*	33	+1	E	3	E	o	*	1	36	31	fhs.	fr. o.	o	0.0		
Benson (Oxon.)	1013.3	36	ESE	3	o	+9	37	+5	SSE	3	-	o	*	0.1	36	32	om.	om.	o	*		
St. Farnborough	-	-	ENE	3	om	+7	35	+3	ENE	4	-	om	*	-	36	32	om.	om.	om	0.0		
Salisbury Plain	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	?		
London (Kew Obsy.)	1014.2	36	E	2	om	+8	36	+3	E	4	-	om	*	-	37	33	o. om	om. g. om	om	0.0		
NORTHERN EUROPE.	Isafjord	1005.6	35	-	o	o	-1	34	+3	W	5	-	o	*	*	*	*	*	*	*	*	
	Reykjavik	1002.9	31	E	5	c	-2	37	+9	E	4	-	o	*	*	*	*	*	*	*	*	
	Vestmanna	1002.1	36	E	7	bc	-9	39	+5	E	8	-	+	*	*	*	*	*	*	*	*	
	Seydisfjord	1011.0	25	-	o	c	-3	34	+10	NE	6	-	S	*	*	*	*	*	*	*	*	
	Thorshavn	1013.5	35	SE	6	c	-2	39	+6	SSE	7	-	+	*	*	*	*	*	*	*	*	
	Spitsbergen	999.0	10	SE	2	o	0	5	o	E	6	*	o	*	*	12	1	*	*	*	*	
	Vardö	1019.5	18	WSW	4	b	-3	14	-7	S	6	-	b	3	*	23	14	*	*	*	*	
	Gjesvær	1012.0	16	SE	6	b	*	?	?	NW	8	-	o	5	3	18	14	*	*	*	*	
	Bodö	1018.7	18	E	2	c	0	?	?	W	5	-	c	1	?	18	14	*	*	*	*	
	Christiansund	1023.5	25	ENE	4	c	+1	25	+9	E	2	-	b	3	-	39	16	*	*	*	*	
Skudesnaes	1024.0	14	E	1	b	+5	28	+7	E	4	-	b	2	-	28	12	*	*	*	*		
Færder (X'ianta Fjord)	1023.7	18	N	5	b	+3	14	+2	N	2	-	bc	1	-	18	12	*	*	*	*		
The Scau (Skagen)	1021.6	16	NNE	3	bc	+3	18	o	NE	3	-	b	3	-	19	14	*	*	*	*		
Blavands Huk	1022.1	14	NE	2	b	+3	7	-12	E	2	-	b	*	-	23	3	*	*	*	*		
Copenhagen	1018.9	19	NNE	5	b	+3	?	?	NE	5	-	b	*	-	25	12	*	*	*	*		
Bornholm	1014.0	19	NE	7	c	+4	18	-7	NE	6	NE	c	2	5	25	16	*	*	*	*		
FRANCE, &c.	The Helder	1018.1	28	ENE	5	b	+3	21	-9	E	4	-	b	2	-	37	21	*	*	*	*	
	C. Gris Nez	1015.0	34	E	2	o	+5	27	-7	E	6	-	o	*	-	?	?	*	*	*	*	
	La Hève	1013.1	41	ESE	4	o	+5	32	-5	ENE	6	*	S	*	32	41	32	*	*	*	*	
	Brest (St. Mathieu)	1004.8	50	SSE	4	f	?	45	-5	NW	5	*	c	*	17	52	45	*	*	*	*	
	Rochefort (Ile d'Aix)	1012.0	48	SW	3	r	?	50	o	W	7	*	c	*	8	50	48	*	*	*	*	
	Biarritz	1017.9	55	S	3	o	+1	52	o	W	4	*	r	*	52	57	52	*	*	*	*	
	Paris	1016.3	34	ESE	1	o	0	32	o	ENE	3	*	S	*	7	37	32	*	*	*	*	
	Belfort	-	-	-																		

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	28.5-33.5
12	Above 75	33.6 or above

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

N20,297.

SATURDAY, 8<sup>TH</sup> FEBRUARY, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 7<sup>TH</sup> FEBRUARY

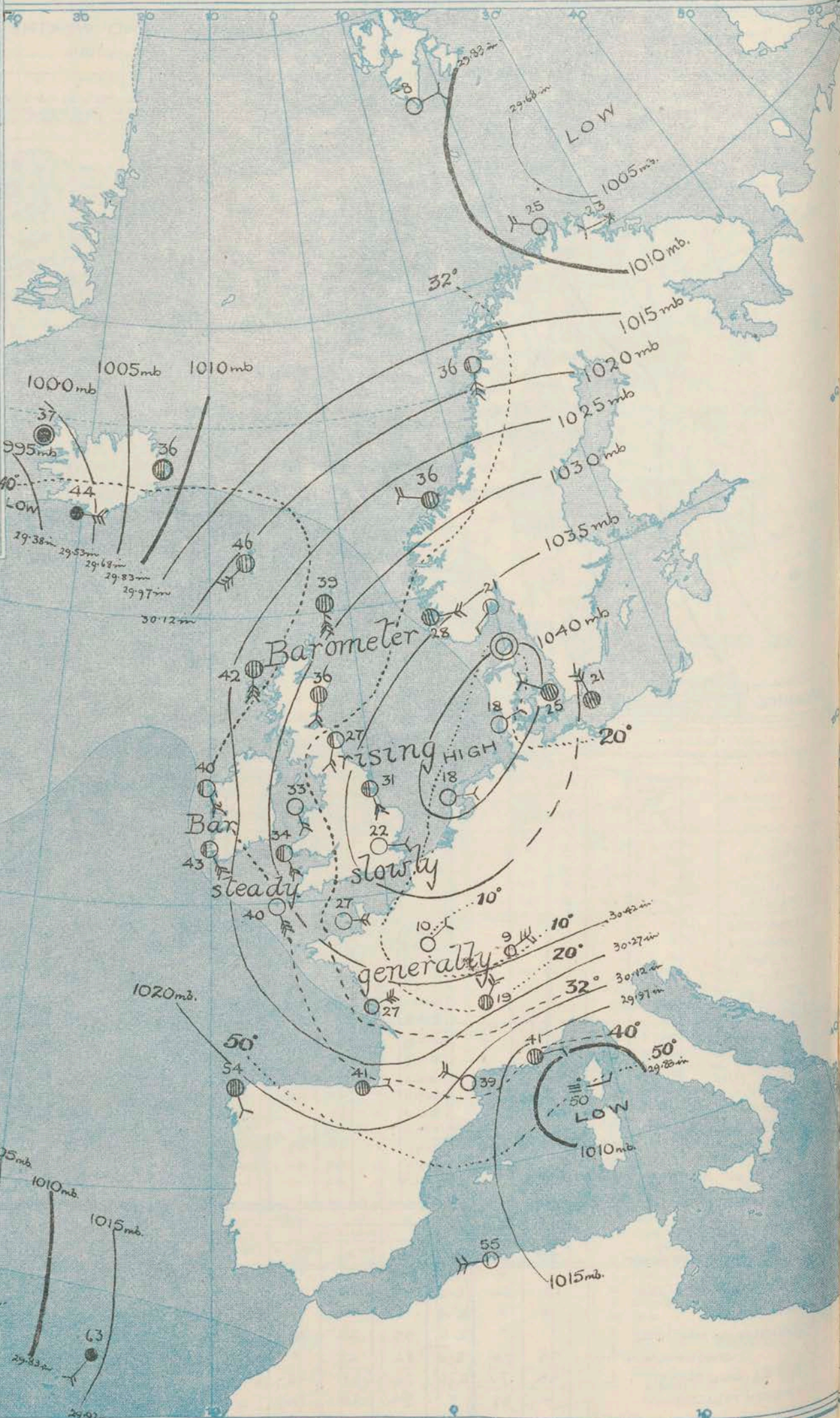
STATIONS.		EVENING OF 6 <sup>TH</sup>					MORNING OF 7 <sup>TH</sup>										AFTERNOON OF 7 <sup>TH</sup>							
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Weather.	Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.		Weather.	
				Dirac.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.			Max.	Min.			Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.		
		° F.							° F.	° F.					° F.	° F.			° F.	° F.				
RUSSIA.	Orlov ...	*	*	*	*	*			*	*					*	*			*	*				
	Kem ...	*	*	*	*	*	1010.1	*	7	-5	N	S	a		*	*			*	*				
	Archangel	*	*	*	*	*									*	*			*	*				
	Imandra	*	*	*	*	*									*	*			*	*				
SWEDEN.	Haparanda						1017.6	*	14	+14	-	0	c	*	*	*								
	Hernösand						1024.3	*	-4	+1	-	0	b	*	*	*								
	Stockholm						1024.2	*	12	0	NNW	4	o	*	*	*								
	Wisby						1022.7	*	21	0	NNW	2	c	*	*	*								
	Söderådal						1023.1	*	3	-4	NW	3	o	*	*	*								
	Hangö						1018.9	*	1	-8	NNE	2	c	*	*	*								
ITALY.	Venice	1011.3	34	-	0	b	1012.6	*	34		-	0	b	-	36	32	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM							
	Turin	1006.6	39	NE	3	b	1014.2	*	34	+4	-	0	o	-	50	30	8 <sup>TH</sup> AND 9 <sup>TH</sup> FEBRUARY 1919.							
	Pesaro	1011.6	39	W	1	o	1012.7	*	37	+1	-	0	o	-	41	36	Sunrise. Noon. Sunset.							
	Leghorn	1005.7	46	-	0	b	1007.0	*	45	+2	-	0	c	-	52	41	G.M.T. G.M.T. G.M.T.							
	Rome	1007.3	46	N	1	b	1011.0	*	37		N	1	bc	Trace	54	36	Yarmouth ... { 7.26 12.7 4.48							
	Viesti	1005.5	46	SW	1	o	1009.5	*	45	-3	N	1	m	-	48	39	Greenwich ... { 7.24 12.7 4.50							
	Brindisi	1005.9	48	-	0	o	1009.0	*	50	+5	NW	3	b	1	52	45	{ 7.30 12.10 4.58							
	Cagliari	1007.5	52	W	6	bc	1015.5	*	48	+2	NW	4	c	-	55	39	{ 7.28 12.14 5.0							
	Palermo	1008.3	54	NW	5	b	1012.6	*	52	0	-	0	b	-	61	48	{ 8.6 12.26 4.46							
	Tripoli																{ 8.3 12.26 4.48							
																	{ 8.12 12.55 5.38							
																	{ 8.10 12.55 5.40							

LONDON										SOUTH KENSINGTON (M.O.)									
8 <sup>TH</sup> FEBRUARY 1919, G.M.T.										Vertical Component of Solar Radiation per square Centimetre during 7 <sup>TH</sup> ...									
STATIONS.	Humidity.		Sun-shine for 7 <sup>TH</sup> Hours.	TEMPERATURE.			Rain-fall. mm.	WEATHER.			Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.						
	15 h.	9 h.		Max. °F.	Min. °F.	Min. on Grass °F.		Morning.	Afternoon.	Night.									
GREENWICH (Royal Observatory)	63	54	6.5	33	18	15	-	b	b	b, b, c.									
CITY (Bunhill Row)	*	*	2.4	*	*	*	*	*	*	*									
WESTMINSTER (St. James's Park)	?	?	2.6	35	22	20	*	*	*	*									
" (Roof near Charing Cross)	75	74	3.0	36	23	*	-	b, m, g.	b, m	b, b, m									
CAMDEN SQ. (Brush Rainfall)	65	72	2.5	36	21	16	-	b	b	*									
KENSINGTON PALACE	*	87	*	34	20	14	-	c.	c, b, c.	*									
RICHMOND PARK.	*	*	*	*	*	*	*	*	*	*									

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens. The barometric change is expressed in half-millibars.

Printed at the Meteorological Office, South Kensington, London, S.W.7.  
By WYMAN & SONS LTD., Fetter Lane, London, E.C.4, and Reading.

THE MORNING OF SATURDAY, 8<sup>TH</sup> FEBRUARY 1919 at 7h. G.M.T.



**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. Calm 

**TEMPERATURE.**—Given in degrees Fahrenheit.

Isotherms shown by dotted lines.

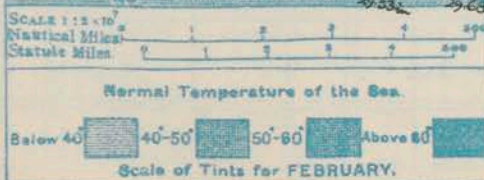
**WEATHER.**—Shown by the following symbols:—

 clear sky.  sky  $\frac{1}{2}$  clouded.  sky  $\frac{3}{4}$  clouded.  sky  $\frac{3}{4}$  clouded.  overcast sky.  rain falling.

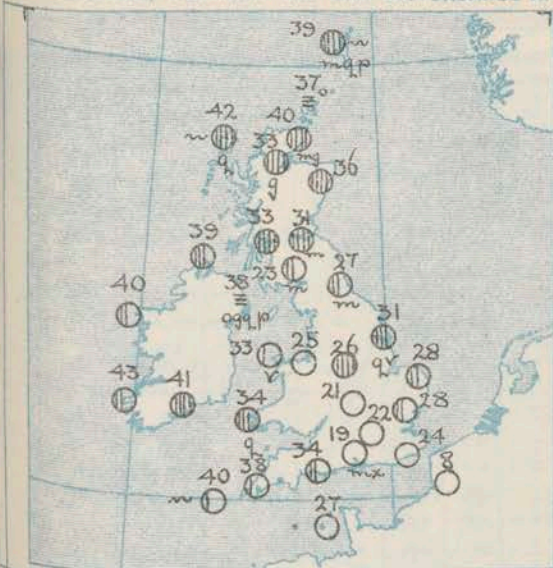
\* snow.  hail.  $\equiv$  fog.  $\supset^{\circ}$  mist. T, thunder.

 thunderstorm.

**SEA DISTURBANCE.**—Rough . High .



TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



## NOTES.

Notes on the Weather of the 24 hours ended 7h today

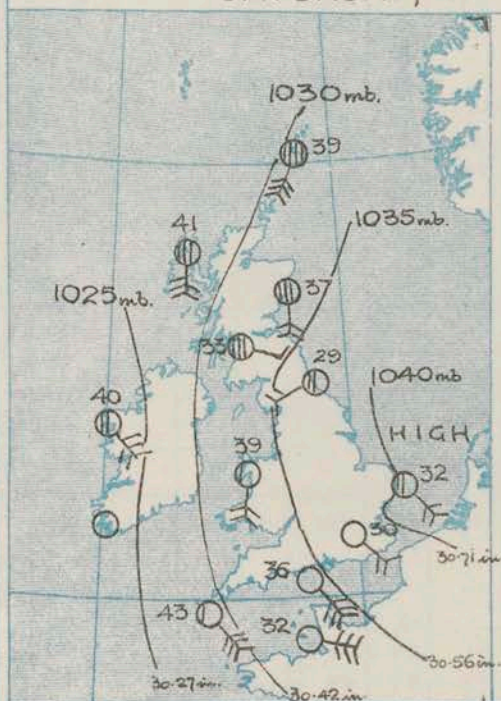
Yesterday Although in parts of the country the sky continued overcast good sunshine measurements were recorded from several stations in different regions, up to 7.7 hours at Valencia and 7.1 at Yarmouth. A little rain or snow fell in the North, but the measurements were nowhere large. Low night temperatures were experienced in the SE of England, 18° at Farnborough and Greenwich Observatory. On the grass the exposed thermometer fell to 14° at Kensington Palace.

The Present Conditions at 7h. Today

The anticyclone centred over Denmark has become of very considerable intensity, with pressure readings above 1040 mb. The circulation around this system covers N. Western Europe, the wind force being generally moderate, but strong on our SW coasts and in the Bay, and in the outer islands of Scotland. Weather is fine in the South of England and in North Wales, but in the North of the British Isles overcast skies prevail with mist at many stations. Across the North Sea weather continues fine, but temperatures are not so low in Denmark as yesterday morning.

The General Outlook

Between the Scandinavian anticyclone and low pressure areas on the Atlantic a general cold southerly or southeasterly wind current is likely to continue over the British Isles with little change from present conditions.

SATURDAY, 8<sup>th</sup> FEBRUARY, 1919, at 13h. (1 p.m.) G.M.T.

At 13h. conditions show no change of importance from the morning map.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn.

H. G. LYONS, Col., Director.

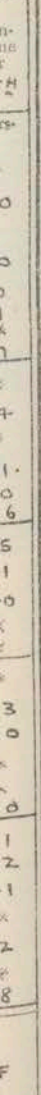
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1910. No.39.

SATURDAY,  
8<sup>TH</sup> FEBRUARY.

STATIONS.		EVENING OF... 7 <sup>TH</sup> ...					MORNING OF... 8 <sup>TH</sup> ...							24 HOURS ENDED 7 D. 8 <sup>TH</sup> ...					Sun- shine for 7 <sup>TH</sup> Hours.				
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.	Direc. of Upper Cloud.	Weather.	Sea 0-5.	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
				Direc.	Force 0-12.				F.	C.						Direc.	Force 0-12.	Max.		Min.	Morning.	Afternoon.	Night.
BRITISH ISLANDS.	Lerwick ...	1022.6	36	SE	9	omg	1027.6	+2	39	+4	S	7	-	omg	5	4	39	34	omg	omg	omg	*	
	Houton B. (Orkney) ...	1024.3	35	S	6	of	1029.3	+2	37	0	SSE	3	*	of	?	*	38	35	d. of.	d. of.	of fd.	*	
	Stornoway ...	1024.9	42	SW	5	o	1027.4	+3	42	+3	S	6	-	of	5	1	42	39	o	o	odflog	0.0	
	Castlebay (Barra Isd.) ...	1022.9	45	SE	4	r													om	om			
	Glasgow ...	1029.0	33	ENE	1	omg	1032.9	+2	33	+1	S	2	-	om	*	1	35	31	og. os.	od. om	om. c. om	0.0	
	Eskdalemuir ...	1030.3	31	SSE	2	om	1035.0	+2	23	-8	S	1	-	bc	*	0.2	32	23	a. sm	ostn. om	om. bc	0.0	
	Malin Head ...	1023.9	4.3	S	3	bc	1025.9	+2	39	-2	SSE	4	SE	omg	3	0.4	41	34	cm	bc	cmg	1.1	
	Blacksod Point ...	1022.0	4.6	S	3	bc	1022.0	0	40	-3	SE	4	-	bc	4	-	48	37	bc	bc	bc	*	
	Valencia (Cahirciveen) ...	1022.6	4.7	ESE	4	b	1021.9	-1	43	0	SE	5	-	bc	*	-	53	39	bc	b. bc. b.	b. bc.	7.7	
	Roche's Point ...	1026.0	4.6	ESE	3	om	1026.9	0	41	-1	ESE	6	-	o	6	-	51	41	bc. b.	b. bc. om	o	*	
	Birr Castle ...	1024.8	4.6	SE	1	c	1027.1	*	35	-3	SE	3	-	c	*	-	50	35	c	c	c	3.4	
	Donaghadee ...	1025.6	4.1	SSE	3	og. q. r	1029.8	+1	38	-2	S	5	-	og. q. r	4	2	41	36	omg. q.	of q.	of q.	*	
	Liverpool (Bidston) ...	1030.1	32	ESE	3	bc	1034.4	+1	25	-10	SE	3	-	b	3	-	36	24	om.	bc	cm. b.	0.1	
	Holyhead ...	1028.4	4.1	SSE	3	og	1030.9	+1	33	-6	SE	3	-	bv	2	Trace	41	32	o. c. om.	omg.	o. bc	0.0	
	Pembroke (St. Ann's) ...	1027.9	4.0	ESE	3	o	1030.6	0	34	-4	SE	5	SE	cg	4	-	41	32	o. c.	c. o.	c. bc. q.	0.6	
	Scilly (St. Mary's) ...	1027.3	4.3	SE	3	o	1027.4	0	40	-5	SE	6	SE	b	6	-	47	38	c. o.	o.	b	0.5	
	Falmouth ...	1027.6	4.0	E	5	bc. q.	1029.9	0	38	-2	SE	6	-	bg	*	Trace	42	37	o. sm	om. bc	bc	0.1	
	Jersey (St. Aubin) ...	1027.0	37	ENE	5	b	1032.1	+1	27	-13	E	4	-	b	4	-	43	26	a. c. bc.	cb.	b	4.0	
	Portland Bill ...	1028.4	37	ENE	4	b	1032.6	+2	34	-4	E	5	E	bc	5	-	40	33	bc. a	bc. b.	bc	*	
	Dungeness ...	1028.4	31	ENE	5	b	1035.9	+2	24	-11	E	4	-	b	4	-	35	21	c.	c.	c. bc	*	
NORTHERN EUROPE.	Wick ...	1023.9	4.0	S	5	omg.	1028.6	+2	40	+3	SSW	4	-	omg.	4	1	41	37	omg.	omg.	omg.	*	
	Nairn ...	1024.7	35	-	0	c	1029.0	*	33	-3	-	0	-	og	0	1	40	32	d. o.	og. c.	cg. o	0.3	
	Aberdeen ...	1028.3	36	SSW	3	o	1032.5	+1	36	-1	SSW	3	-	o	3	-	38	35	ors. og.	og. s.	o	0.0	
	Leith ...	1028.9	35	SSE	2	o	1032.9	+1	31	-4	SSW	1	-	om	2	1	37	31	og. o.	st. s. mo	om. c. o.	*	
	Tynemouth ...	1030.4	33	SSW	3	o	1034.8	?	27	-8	SSW	3	-	bc	3	-	36	27	dm.	om	m. cm.	*	
	Spurn Head ...	1032.9	32	SSE	3	cg.	1037.2	+2	31	-3	SSE	4	-	cg.	4	-	34	29	cg.	cg.	cg.	0.0	
	Yarmouth (Gorleston) ...	1032.1	29	ESE	6	cg.	1037.2	+1	28	-8	SE	4	-	bc	4	-	38	26	bc	bc	cg. bc.	7.1	
	Clacton-on-Sea ...	1031.3	30	ENE	5	bc	1037.5	+2	28	-6	ESE	4	SE	bc	4	-	34	26	bc	bc.	bc.	5.2	
	Nottingham ...	1032.5	29	E	1	b	1036.9	*	26	-7	SE	2	SE	o	*	-	33	22	o	c. b.	b	4.1	
	Benson (Oxon.) ...	1031.4	27	ENE	1	b	1036.5	+3	21	-16	E	2	-	b	*	-	36	20	a. b.	b.	bx	*	
	St. Farnborough ...	-	-	NE	3	om	1037.1	+2	19	-16	ESE	3	-	bm	*	-	36	18	a. b. bc.	c. a. bc.	bm	6.2	
	Salisbury Plain ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	
	London (Kew Obsy.) ...	1031.6	30	NE	3	b	1037.5	+2	22	-14	E	2	-	b	*	-	36	22	om. bc	bc. b.	bm. b.	1.8	
	FRANCE, &c.	Isafjord ...	999.3	37	E	7	o	999.1	-4	37	+3	-	0	-	r	*	*	*	*	*	*	*	*
		Reykjavik ...	994.7	38	SSW	5	bc	996.4	-3	43	+6	S	7	-	r	*	*	*	*	*	*	*	*
		Vestmanna ...	998.4	43	SW	7	o	999.3	-3	44	+5	E	5	-	r	*	*	*	*	*	*	*	*
Seydisfjord ...		1005.7	34	-	0	s	1008.0	-1	36	+2	-	0	-	c	*	*	*	*	*	*	*	*	
Thorshavn ...		1014.7	44	W	3	c	1020.3	+3	46	+7	SW	6	-	o	*	*	*	*	*	*	*	*	
Spitsbergen ...		1006.6	0	N	4	b	1011.9	+1	-8	-13	E	2	*	b	*	*	5	-13	*	*	*	*	
Vardö ...		1004.4	25	SSW	4	s	1005.7	0	23	+9	W	2	-	s	3	*	25	10	*	*	*	*	
Gjesvær ...		1005.0	28	NW	8	c	1006.1	*	25	*	NW	3	-	c	5	2.4	30	23	*	*	*	*	
Bodö ...		1020.2	36	W	5	c	1015.5	-5	36	*	SSW	6	-	bc	4	?	36	30	*	*	*	*	
Christiansund ...		1020.7	25	NNW	3	b	1029.6	0	36	+11	NNW	3	-	o	3	-	36	25	*	*	*	*	
Skudesnaes ...		1036.4	19	ESE	3	b	1034.0	+1	28	0	E	4	-	c	2	-	28	19	*	*	*	*	
Færder (Xaniafjord) ...		1035.1	21	-	0	b	1038.1	+1	21	+7	WSW	1	-	b	1	-	21	14	*	*	*	*	
IBERIA, &c.	The Scaw (Skagen) ...	1033.5	16	N	1	b	1041.2	+1	25	+7	-	0	-	b	0	-	25	14	*	*	*	*	
	Blaavands Huk ...	1036.0	14	ENE	1	b	1041.6	+2	18	+11	NE	1	-	b	*	-	21	7	*	*	*	*	
	Copenhagen ...	1034.0	16	N	2	b	1037.6	+1	25	*	NW	2	-										

Y,  
RY.

RY.

[illegible]

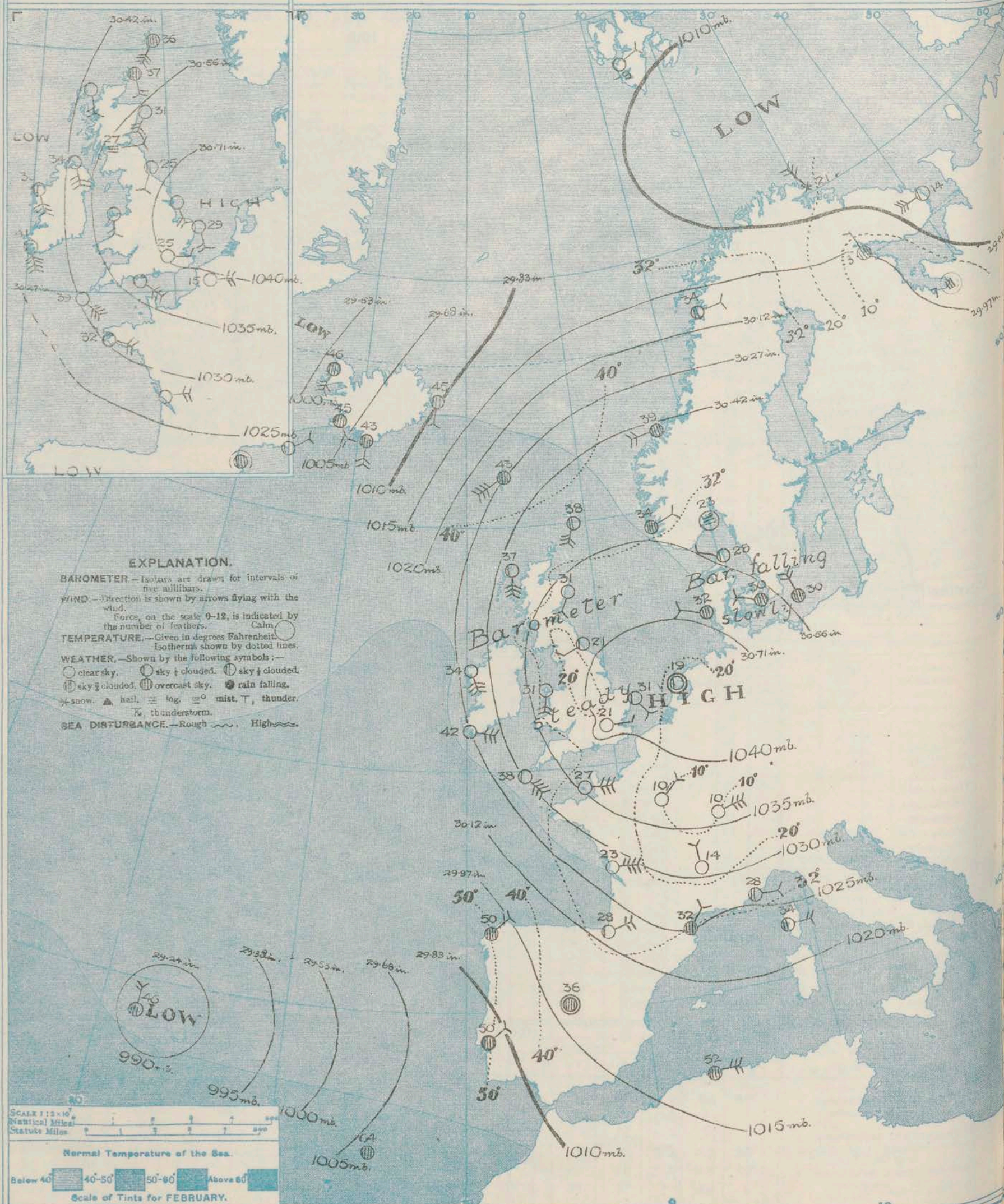
3  
e  
N.  
an  
ne  
ee  
g:  
ow  
ss  
id  
ry

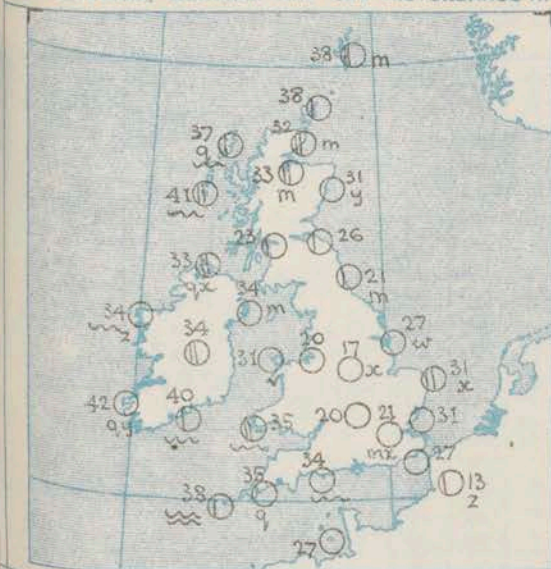
10

1

11

FEBRUARY 1919 at 7h. G.M.T.





## NOTES.

## Notes on the Weather of the 24 hours ended 7h. Today

Cold weather continued over England; the maximum temperatures in the Midlands were below  $32^{\circ}$ , only  $30^{\circ}$  at Nottingham. Sharp frost occurred at night, a shade minimum of  $15^{\circ}$  being recorded at Nottingham, Greenwich and in London at Camden Square, while the minimum readings of the thermometer exposed on the grass were  $10^{\circ}$  at Benson and South Farnborough and  $8^{\circ}$  at Kensington Palace. In the west and north of these Islands the weather was warmer and maxima of above  $40^{\circ}$  were recorded, the highest being  $49^{\circ}$  at Valencia. Fine weather was very prevalent over England, Wales and Ireland, the records of bright sunshine exceeding 8 hours in several places, and reaching 9 hours at Jersey. In Scotland the day was generally overcast.

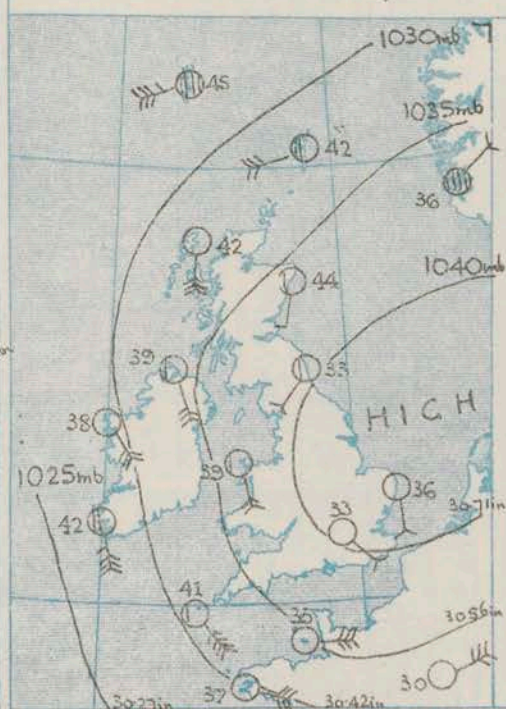
## The Conditions at 7h. and Subsequent Developments

At 7h. a large anticyclone lay over Western Europe, its centre in which the readings exceeded 1043 mb. lying over Holland. Over most of the North Sea the pressure was nearly uniform and winds were light but in the English Channel, the Bay of Biscay and over the south and west of Ireland and the west of Scotland the gradients were steeper and fresh or strong S.Ely. or S.W. winds prevailed, reaching gale force at times at Scilly and Roche's Point. Pressure was low north-west of Iceland and over North Cape, but the most important depression lay near the Azores, the pressure at Horta being only 986.7 mb. Over these Islands the weather was almost uniformly fine, with clear skies, and as a result of nocturnal radiation some unusually low temperatures were recorded, especially in the Midlands and East Anglia and in the Thames Valley. In the latter district an outward bulge of the isobars may be due to the existence of a surface layer of cold air.

At 1 p.m. the distribution of pressure had suffered very little change except for a slight fall over Great Britain, which is probably largely accounted for by the diurnal variation. Under the influence of the clear skies the temperature had risen considerably since the morning.

SUNDAY, 9<sup>th</sup>

FEBRUARY, 1919, at 13h. (1 p.m.) G.M.T.



R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn.

H. G. LYONS, Col., Director.

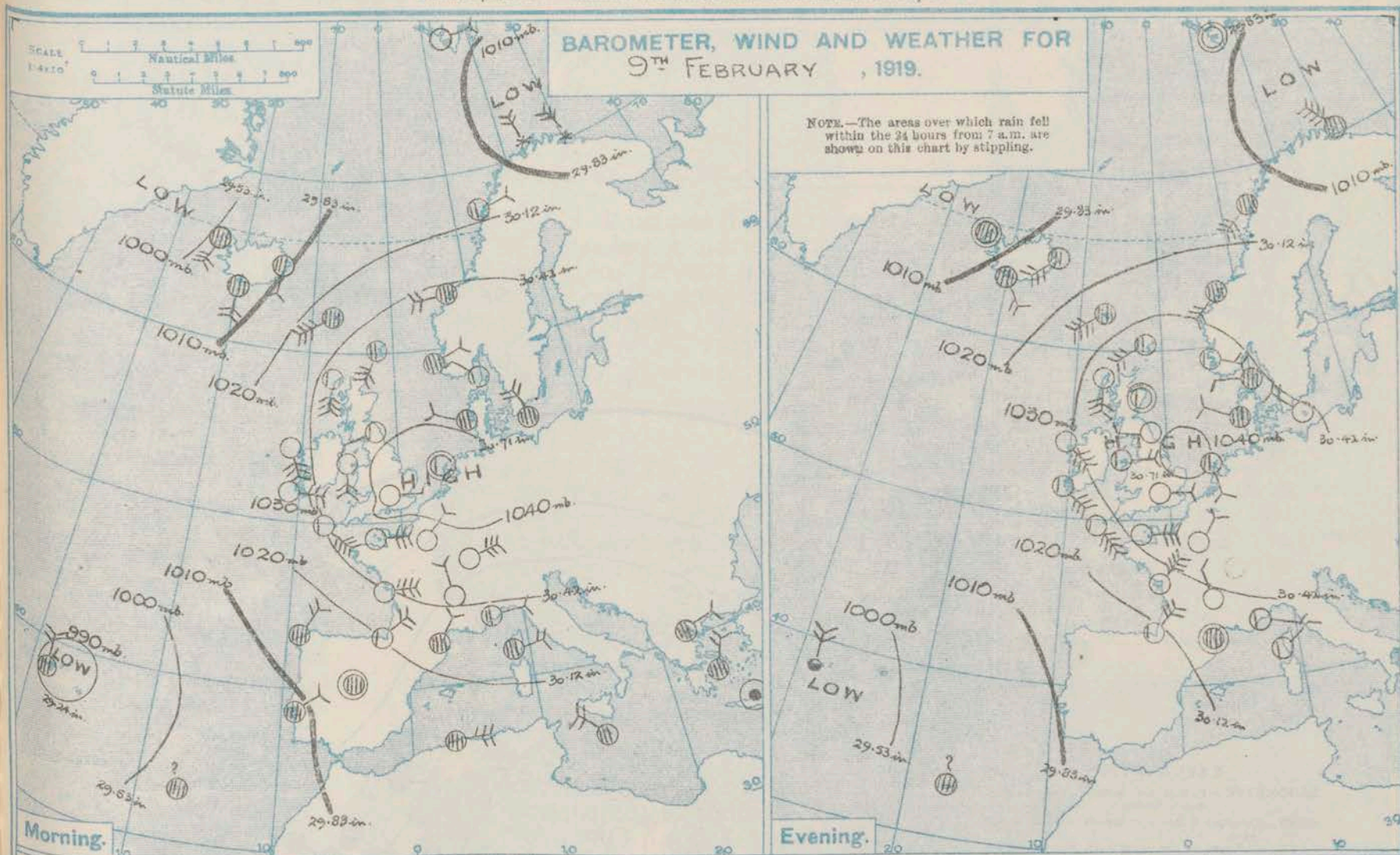
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1919. No. 40.

Sunday  
February 9<sup>th</sup>

STATIONS.		EVENING OF 8 <sup>th</sup>					MORNING OF 9 <sup>th</sup>										24 HOURS ENDED 7 H. 9 <sup>th</sup>							Sun- shine for 8 <sup>th</sup> Hours
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 24 hours.	Temp. Dry Bulb.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
				Dirac.	Force 0-12.						Dirac.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick	1031.4	38	SSW	6	om	1032.2	0	38	-1	SSW	5	-	bc	4	0.3	39	37	omg	omg	bcm	*		
	Houton B. (Orkney)	1031.6	37	SSE	5	of	1030.2	0	38	+1	NNW	2	-	b	2	0	39	37	f	of c.o	b. of	*		
	Stornoway	1029.5	40	SSE	5	bq	1032.6	0	37	-5	S	6	-	bq	5	-	42	36	oc	c. bq	bq	0.0		
	Castlebay (Barra Isd.)	1029.6	40	ESE	6	c	1033.4	0	41	-	SSE	5	SE	bc	6	-	43	39	oc	c. oc	c. bc	0.6		
	Glasgow	1035.9	30	SE	2	bcz	1039.0	0	23	-10	SE	1	-	b	x	-	34	22	omcz	c. o. cz	bc. bz	0.0		
	Esksdalemuir	1028.6	37	SE	4	bq	1036.0	-2	14	-2	-	0	-	b	x	-	34	13	omcz	bx	bx	6.4		
	Malin Head	1028.6	37	SE	4	bq	1031.8	0	35	-6	S	5	-	bq	4	-	45	32	bcq	bcq	bcqx	6.4		
	Blacksod Point	1023.0	40	SE	6	bcz	1026.9	0	34	-6	SE	6	-	bz	5	-	43	33	bcm	bz	bz bz	*		
	Valencia (Cahirciveen)	1022.1	45	SE	6	b	1024.6	-1	42	-1	ESE	6	-	byq	x	-	49	42	bcq. y	bc. byq	byq	6.8		
	Roche's Point	1028.0	42	ESE	6	b	1030.7	-1	40	-1	ESE	8	SE	b	6	-	44	40	b	b	b	*		
	Birr Castle	1028.6	38	SE	3	c	1031.8	-	34	-1	SE	2	-	bc	x	-	42	34	c	c	bcx	5.9		
	Donaghadee	1032.8	35	S	4	bcm	1035.3	0	34	-4	S	3	-	bm	3	-	40	32	ogmem	bcm	bcm. bm	6.7		
	Liverpool (Bidston)	1036.4	29	SE	4	b	1039.4	0	20	-5	SE	2	-	b	2	-	31	20	ogmem	bm	bm	8.2		
	Holyhead	1033.8	35	SE	3	b	1037.1	0	31	-2	S	4	-	bv	3	-	42	30	b	b	b	8.2		
	Pembroke (St. Ann's)	1032.0	37	SE	5	bq	1035.0	?	35	+1	ESE	5	-	bc	5	-	39	33	cq	cq. bcq	bq. bcq	5.5		
	Scilly (St. Mary's)	1028.4	40	SE	8	b	1030.6	0	38	-2	SE	7	SE	b	7	-	44	37	b	b	b	8.0		
	Falmouth	1031.9	37	ESE	6	bq	1033.6	0	25	-3	ESE	7	-	bq	4	-	40	35	bq	bq	byq. bq	8.4		
	Jersey (St. Aubin)	1033.4	33	E	5	b	1035.1	0	27	0	E	6	-	b	4	-	36	26	b	b	b	9.0		
	Portland Bill	1035.0	33	ESE	6	b	1035.8	0	34	0	ESE	6	-	b	5	-	36	33	bc. b	b	b	*		
	Dungeness	1035.8	28	E	4	b	1039.9	0	27	+3	E	3	-	b	3	-	30	24	b	b	b	*		
NORTHERN EUROPE.	Wick	1031.0	40	S	3	bcm	1033.0	0	32	-8	WSW	2	-	bcm	2	-	41	30	omg	om. bcm	bcm	*		
	Nairn	1031.7	34	W	1	bc	1033.6	x	33	0	W	2	-	bcm	1	-	40	26	cq. m	cm	bcm	0.0		
	Aberdeen	1035.0	35	S	3	b	1035.5	0	31	-5	SSW	2	-	by	2	-	38	31	omg	om. cb	b. by	0.0		
	Leith	1035.2	32	SSW	1	b	1038.1	0	26	-5	W	1	-	b	1	-	35	25	omg	om. bz. b	bz. bx. b	*		
	Tynemouth	1036.7	29	S	2	bcm	1039.1	?	21	-6	WSW	1	-	bm	3	-	30	21	bcm	bcm	bm	*		
	Spurn Head	1039.3	31	SSE	2	bv	1041.3	0	27	-4	S	1	-	bvx	2	-	32	25	bcv	bcv	bv	4.0		
	Yarmouth (Gorleston)	1040.3	31	SSE	4	b	1042.1	+2	31	+3	SE	2	-	bx	3	-	32	27	bc	bc. b	bx. bcx	8.5		
	Clacton-on-Sea	1040.3	31	ESE	4	b	1041.6	0	31	+3	ESE	4	-	b	3	-	32	27	bcy	bc. by	by	8.6		
	Nottingham	1039.9	26	SSE	1	b	1041.1	x	17	-9	SSE	1	-	bx	x	-	30	15	cb	b	b	7.4		
	Benson (Oxon.)	1039.2	23	E	1	b	1040.0	0	20	-1	SE	1	-	b	x	-	31	18	b	b	b	*		
	Sth Farnborough	*	*	E	3	b	1040.7	0	16	-3	NE	2	-	bm	x	-	31	16	b	m. b	bm	8.7		
	Salisbury Plain	*	*	E	3	b	1040.7	0	16	-3	NE	2	-	bm	x	-	31	16	b	m. b	bm	8.7		
London (Kew Obsy.)	1039.9	27	ESE	3	bm	1040.9	0	21	-1	E	1	-	bm	x	-	31	21	b. bm	bm	bm	7.4			
FRANCE, &c.	Isafjord	991.8	50	SSW	9	o	1001.2	-4	46	+9	SSW	5	-	o	x	-	41	30	omg	om. bcm	bcm	0.0		
	Reykjavik	994.6	46	S	6	o	1004.0	0	45	+2	SE	3	-	o	x	-	40	26	omg	om. cm	bcm	0.0		
	Vestmanna	1000.2	47	SSE	7	c	1006.6	0	43	+1	S	4	-	o	x	-	38	31	omg	om. cb	b. by	0.0		
	Seydisfjord	1005.6	49	S	2	c	1009.6	0	45	+9	S	2	-	c	x	-	38	31	omg	om. cb	b. by	0.0		
	Thorshavn	1023.7	44	WSW	6	o	1025.2	-1	43	-3	WSW	7	-	o	x	-	35	25	omg	om. bz. b	bz. bx. b	*		
	Spitsbergen	1015.9	-20	E	1	b	1013.2	-2	-9	-1	ESE	2	-	b	x	-	32	25	bcv	bcv	bv	4.0		
	Vardø	1010.6	21	NW	6	s	1008.6	-8	21	-2	NW	5	-	s	3	-	23	12	trace	trace	trace	8.5		
	Gjesvær	1013.3	21	N	6	c	1009.1	-5	25	-2	N	3	-	s	5	-	25	19	trace	trace	trace	8.6		
	Bodø	1021.3	34	E	2	bc	1015.4	-5	34	-2	E	2	-	bc	4	-	36	28	trace	trace	trace	7.4		
	Christiansund	1029.5	39	W	5	r	1030.6	0	39	+3	W	4	-	o	4	-	39	36	trace	trace	trace	*		
	Skudenes	1034.1	36	ESE	2	o	1029.7	-3	34	+6	E	2	-	o	2	-	36	28	trace	trace	trace	*		
	Færder (Xtania Fjord)	1035.5	23	WNW	2	bc	1034.4	0	23	+2	-	0	-	m	1	-	27	18	trace	trace	trace	8.7		
IBERIA, &c.	The Scaw (Skagen)	1035.7	30	W	4	b	1034.1	0	28	+3	WNW	1	-	b	1	-	32	23	trace	trace	trace	8.5		
	Blaavands Huk	1042.7	27	NW	1	b	1039.5	-2	32	+14	WNW	2	-	c	x	-	34	14	trace	trace	trace	8.6		
	Copenhagen	1039.7	28	NNW	1	b	1035.8	-2	30	+5	WNW	2	-	o	x	-	32	23	trace	trace	trace	7.4		
	Bornholm	1036.8	28	N	4	b	1034.0	-2	30	+9	NNW	4	-	o	1	-	30	19	trace	trace	trace	*		
	The Helder	1042.9	23	E	1	b	1043.0	0	19	+1	-	0	-	b	0	-	25	18	trace	trace	trace	8.7		
	C. Gris Nez	1039.0	19	E	3	b	1040.3	0	14	0	E	2	-	b	x	-	27	14	trace	trace	trace	8.7		
	La Hève	1035.8	25	NE	4	b																		

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,899. MONDAY, 10<sup>TH</sup> FEBRUARY, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 9<sup>TH</sup> FEBRUARY

STATIONS.	EVENING OF 8 <sup>TH</sup>					MORNING OF 9 <sup>TH</sup>										AFTERNOON OF 9 <sup>TH</sup>									
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND		Weather.	BAROMETER.		TEMP.		WIND.		Weather.	Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.		Weather.			
			Milli- bars at M.S.L.	Change in 3 hours.		Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.	Max.	Min.			Dry Bulb.	Change in 24 hours.			Direc.	Force 0-12.						
RUSSIA.	Orlov ...	*	*F.	*	*	*	1006.3	*	*F.	*F.	W	7	b		*F.	*F.	Isafjord ...	1004.6	*F.	*F.	-	0	*		
	Kem ...	*	*	*	*	*								*	*			37	-13	-	0	*			
	Archangel ...	*	*	*	*	*	1010.4	-1	10	-13	NW	4	b	1	*	*		1009.0	46	0	SSW	4	a		
	Imandra ...	*	*	*	*	*									*	*		Vestmanna ...	1012.7	45	-2	S	5	a	
SWEDEN.	Haparanda ...	1026.4	25	S	2	b	*	*						*	*	*	Seydisfjord ...	1011.7	45	-4	-	0	c		
	Hernösand ...	1026.0	34	SW	2	o	*	*						*	*	*	Thorshavn ...	1027.5	45	+1	WSW	7	o		
	Stockholm ...	1031.9	18	W	2	b	*	*						*	*	*									
	Wishby ...	1035.5	30	NW	4	b	*	*						*	*	*									
	Sordovalä ...						*	*						*	*	*									
Italy.	Hangö ...						*	*						*	*	*	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.								
																	10 <sup>TH</sup> AND 11 <sup>TH</sup> FEB. 1919.			Sunrise.	Noon.	Sunset.			
																				G.M.T.	G.M.T.	G.M.T.			
																	Yarmouth ...	7.22	12.7	4.52					
																	Greenwich ...	7.20	12.7	4.54					
																	Wick ...	7.26	12.14	5.2					
																	Valencia ...	7.24	12.14	5.4					
																		8.0	12.26	4.51					
																		7.57	12.26	4.54					
																		8.8	12.55	5.42					
																		8.6	12.55	5.44					

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

10 <sup>TH</sup> AND 11 <sup>TH</sup> FEB. 1919.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	...	7.22	12.7	4.52
Greenwich ...	...	7.20	12.7	4.54
Wick ...	...	7.26	12.14	5.2
Valencia ...	...	7.24	12.14	5.4
		8.0	12.26	4.51
		7.57	12.26	4.54
		8.8	12.55	5.42
		8.6	12.55	5.44

LONDON		HUMIDITY.		Sun-shine for 24 hours.	TEMPERATURE.				WEATHER.		
		15 h.	9 h.		Max.	Min.	Min. on Grass.	Rain-fall.	Morning.	Afternoon.	Night.
10 <sup>TH</sup> FEBRUARY 9 <sup>TH</sup> G.M.T.		9 <sup>TH</sup>	10 <sup>TH</sup>		°F.	°F.	°F.	in.			
GREENWICH (Royal Observatory)		69	70	8.7	33	22	12	-	bc	b	b.c.o.o.
CITY (Bunhill Row)		*	*	2.8	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)		?	?	3.7	34	24	22	-	*	*	*
(Roof near Charing Cross)		75	79	5.0	34	25	*	-	bmax	b	bc. bc.
CAMDEN SQ. (British Rainfall)		?	71	0.4	34	25	18	-	?	?	*
KENSINGTON PALACE		*	?	*	34	25	15	-	bcz.	bcz.	*
RICHMOND PARK		*	*	7.5	*	*	*	*	*	*	*

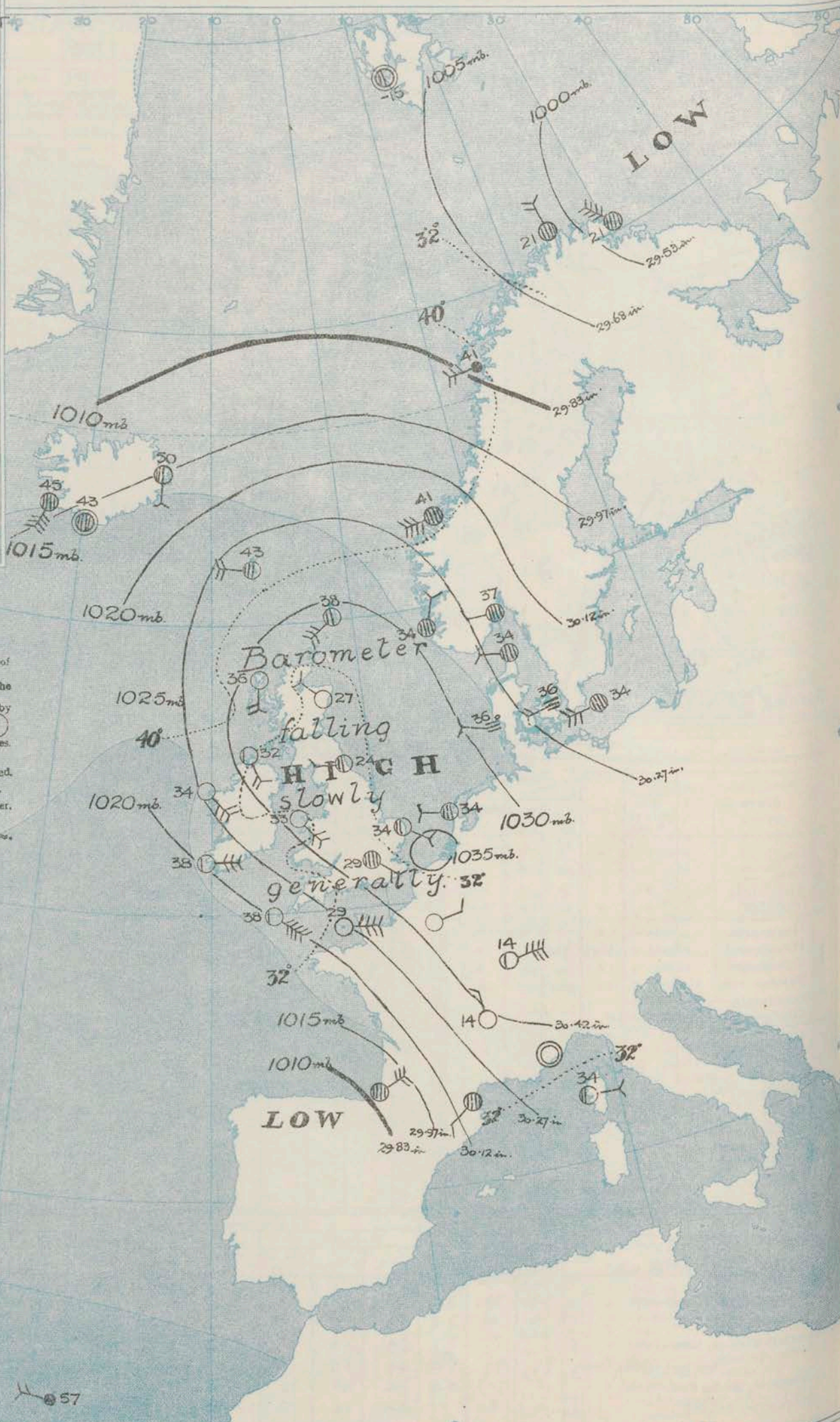
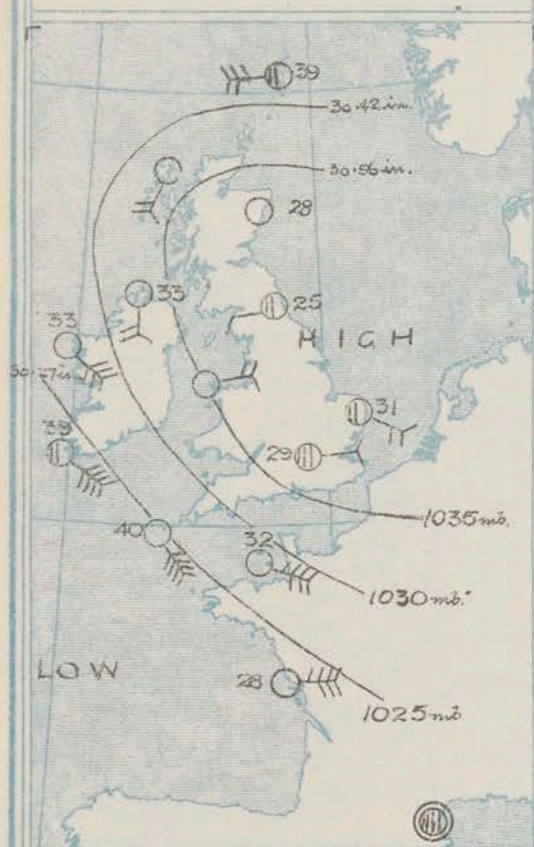
## SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 9<sup>TH</sup>

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
323	9.4	22

10<sup>th</sup> FEB, at 1h. G.M.T.

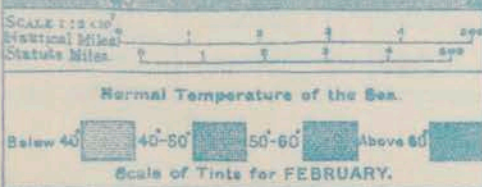
THE MORNING OF MONDAY, 10<sup>th</sup> FEBRUARY 1919 at 7h. G.M.T.



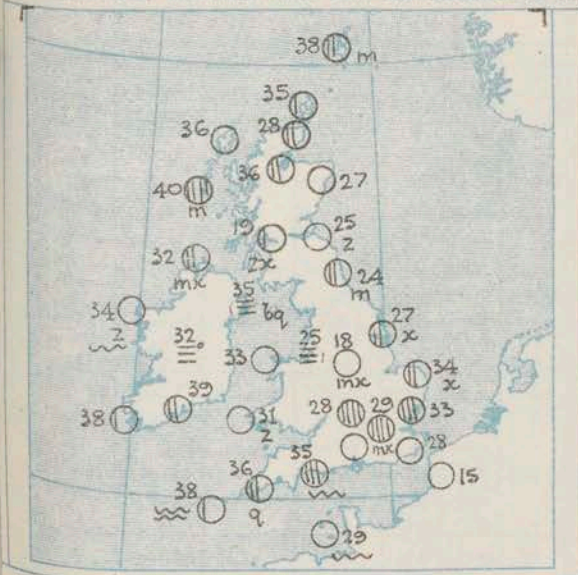
EXPLANATION.

- 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. Calm
- TEMPERATURE.**—Given in degrees Fahrenheit.  
Isotherms shown by dotted lines.
- WEATHER.**—Shown by the following symbols:—  
○ clear sky. ○ sky & clouded. ○ sky & clouded.  
○ sky & clouded. ○ overcast sky. ● rain falling.  
✱ snow. ▲ hail. ☼ fog. ☼ mist. T, thunder.  
☼, thunderstorm.
- SEA DISTURBANCE.**—Rough wavy. High wavy.

B  
a  
r  
o  
m  
e  
t  
e  
r  
  
f  
a  
l  
l  
i  
n  
g  
  
H  
I  
G  
H  
  
s  
l  
o  
w  
l  
y  
  
g  
e  
n  
e  
r  
a  
l  
l  
y  
3  
2



## TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



## NOTES.

VALENCIA.  
22-23h 9h ESE. 8.  
ROCHES POINT.  
7-12h 9h ESE. 8  
18h 9h - 7h 10h ESE. 8

SCILLY  
SE. 9 at 17h 9h, 18h 10h.  
Gale 11h 9h - 7h 10h.  
FALMOUTH  
ESE. 8 at 18h 9h.

## Notes on the Weather of the 24 hours ended 7h. Today

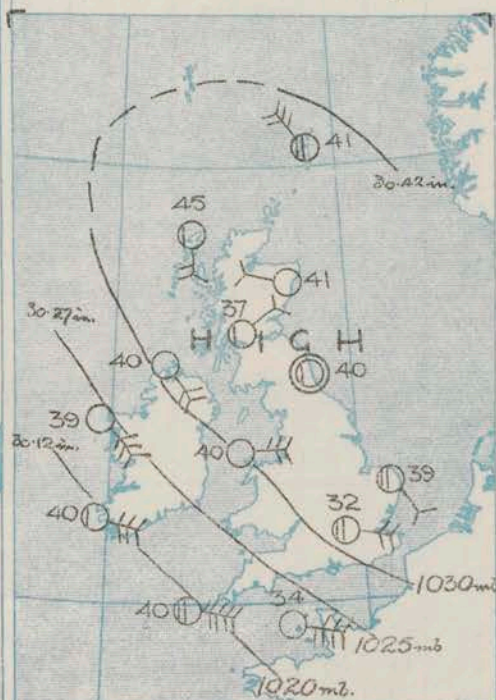
Maximum temperatures were for the most part above the freezing point, and were above  $40^{\circ}$  at several stations in the west and north. The minimum was  $15^{\circ}$  at Farnborough,  $16^{\circ}$  at Nottingham, and  $19^{\circ}$  at Benson and Glasgow. No rain or snow was reported. Sunshine records were very good, 8 or 9 hours being recorded in many places.

## The Conditions at 7h. Today

A large anticyclone lies over the British Isles and North Sea. The wind continues to blow from between East and South generally, reaching gale force at Scilly and Roches Point. Over the eastern and inland districts of England and Scotland the force is, however, quite light. The weather is mainly fair or fine, but is dull at some stations in SE. England. There is fog at Liverpool and Donaghadee. The temperature is still very low inland,  $18^{\circ}$  at Nottingham and  $19^{\circ}$  at Glasgow.

## The Outlook

The fall of the barometer is at present too uniform to lead to any important change in the distribution of pressure. Dry, cold weather is likely to continue in all districts, with winds from between S. and E.

MONDAY, 10<sup>TH</sup> FEBRUARY, 1919, at 13h. (1p.m.) G.M.T.

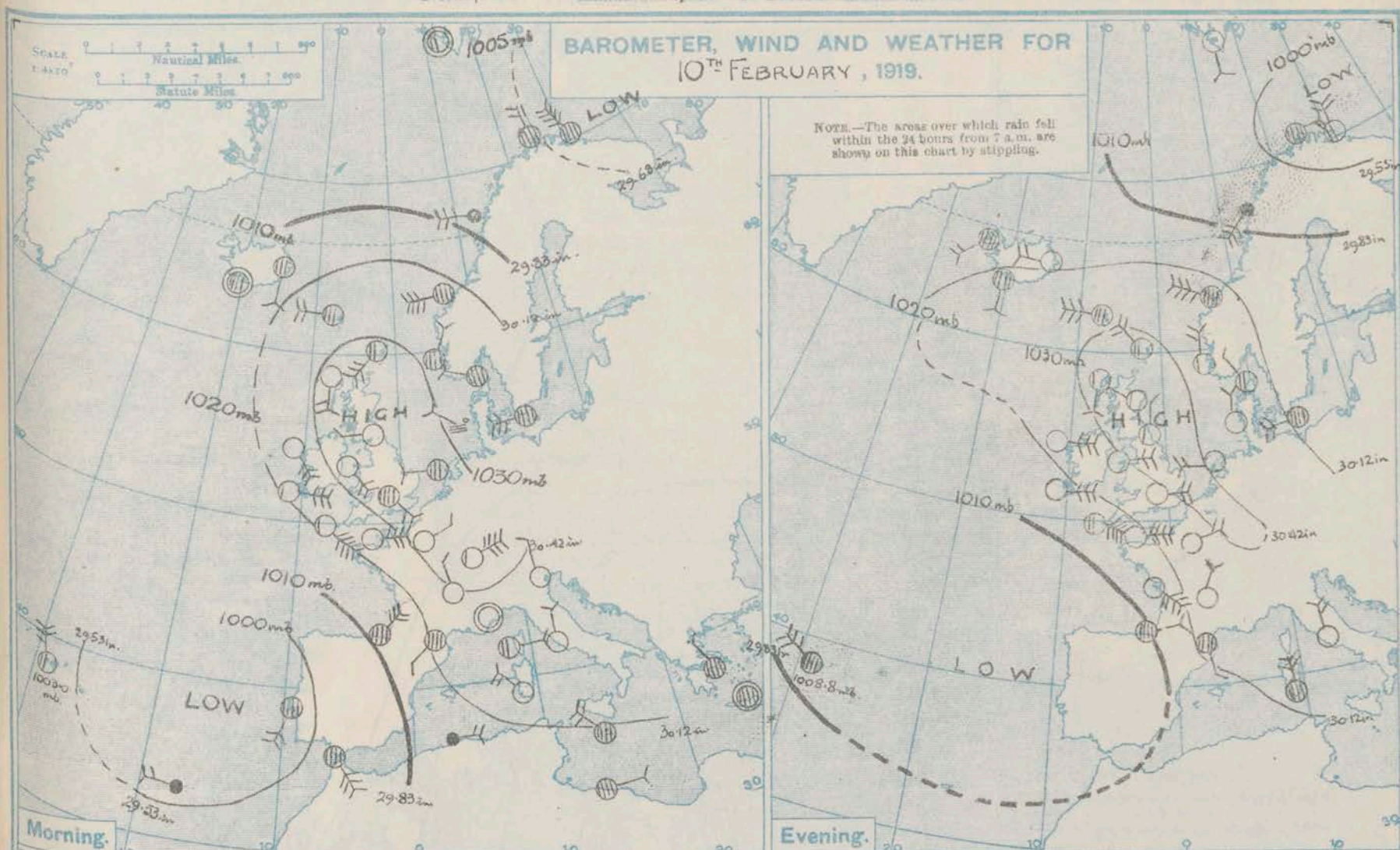
The barometer continues to fall slowly over the British Isles, but the wind and weather have not altered materially since 7h., and the outlook remains the same.



# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,900

TUESDAY, 11<sup>TH</sup> FEBRUARY 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 10<sup>TH</sup> FEBRUARY.

STATIONS		EVENING OF 9 <sup>TH</sup>					MORNING OF 10 <sup>TH</sup>										AFTERNOON OF 10 <sup>TH</sup>						
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND		Weather.	BAROMETER.		TEMP.		WIND.		Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.			
				Dirac.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.		Weather.	Max.			Min.	Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.	Weather.
RUSSIA	Orlov ...	x	*F. x	x	x	x	987.5	1	*F. 14	0	W	4	S	*F. x	*F. x	Isafjord ...	1011.3	46	+9	SSW	6	0	
	Kem ...	x	x	x	x	x	995.5		18		NW	3	S	x	x		Reykjavik	1019.1	45	-1	S	5	0
	Archangel	x	x	x	x	x	992.3		14	+4	NW	3	0	x	x		Vestmanna	1021.3	44	-1	SSE	5	0
	Imandra	x	x	x	x	x	996.7		16		NNW	4	0	x	x		Seydisfjord	1017.9	51	+6	S	4	0
SWEDEN	Haparanda							x						x	x	Thorshavn	1029.2	43	-2	W	6	0	
	Hernösand							x						x	x	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM							
	Stockholm							x						x	x								
	Wisby ...							x						x	x	11 <sup>TH</sup> & 12 <sup>TH</sup> FEB 1919.							
	Sordovala							x						x	x							Sunrise.	
ITALY.	Hangö							x						x	x								
	Venice ...						1028.7	x	28	-	-	0	b	-	34	27		G.M.T.	G.M.T.	G.M.T.			
	Turin ...						1029.6	x	21	-	-	0	b	-	30	19	Yarmouth ...	7.20	12.7	4.54			
	Pesaro ...							x						-			7.18	12.7	4.56				
	Leghorn						1024.3	x	7.52	-	-	0	b	-	39	25	Greenwich ...	7.24	12.14	5.4			
	Rome ...						1025.3	x	27	-	N	2	b	-	36	25		7.22	12.14	5.6			
	Viesti ...						1019.0	x	32	-	N	4	S	-	36	32	Wick ...	7.57	12.26	4.54			
	Brindisi							x						-			7.54	12.26	4.57				
Cagliari						1023.9	x	43	-	NW	3	b	-	59	36	Valencia ...	8.6	12.55	5.44				
Palermo						1023.3	x	39	-	-	0	0	-	45	36		8.4	12.55	5.44				
Tripoli						1015.4	x	55	-	ESE	2	0	-	?	46								

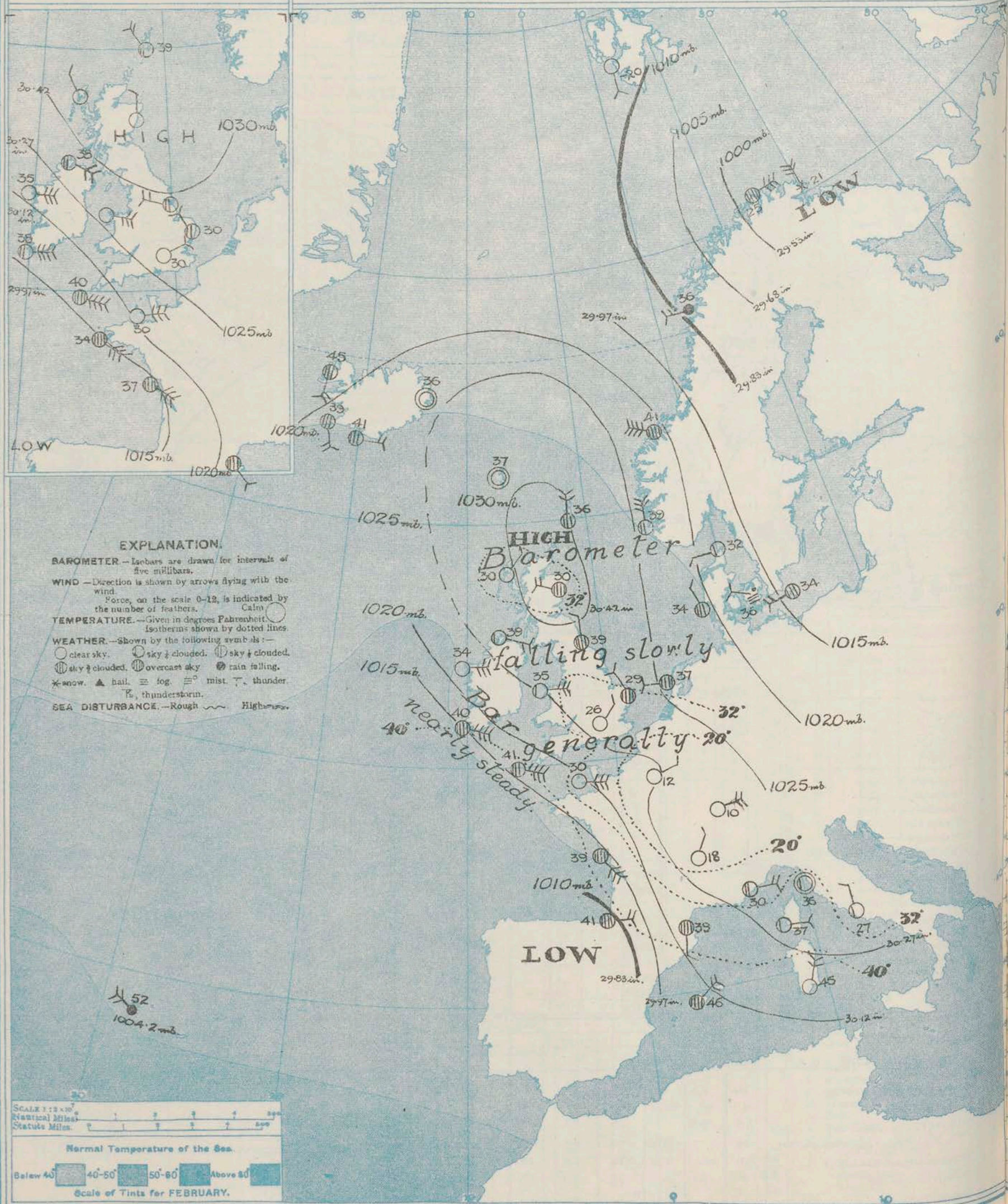
LONDON			Humidity.		Sun- shine for	TEMPERATURE.			Rain- fall.	WEATHER.			SOUTH KENSINGTON (M.O.)		
11 <sup>TH</sup> FEBRUARY 9 h. G.M.T.			15 h.	9 h.		Max.	Min.	Min. on Grass		Morning.	Afternoon.	Night.	Vertical Component of Solar Radiation per square Centimetre during ... 10 <sup>TH</sup> ...		
			10 <sup>TH</sup>	11 <sup>TH</sup>	10 <sup>TH</sup>										
GREENWICH (Royal Observatory)			74	83	4.5	33	22	13	-	0	0.0	bx m	Total.	Average Rate.	Max. Rate.
CITY (Bunhill Row) .. ..			x	x	0.6	x	x	x	x	x	x	x	Joules.	Milliwatts.	Milliwatts.
WESTMINSTER (St. James's Park)			85	93		35	27	21	-	x	x	x	4.05	11.7	27
" (Roof near Charing Cross) ..			78	77	2.0	33	27	x	-	cm x	cm. bc	bx bf			
CAMDEN SQ. (British Rainfall) ..			73	100	0.4	34	20	18	-	bc	bc	x			
KENSINGTON PALACE .. ..			x	91	x	32	23	13	-	bc	b	x			
RICHMOND PARK .. ..			x	x		x	x	x	x	x	x	x			

Printed at the Meteorological Office, South Kensington, London, S.W. 7.  
By WYMAN & SONS LTD., Fetter Lane, London, E.C. 4, and Reading.

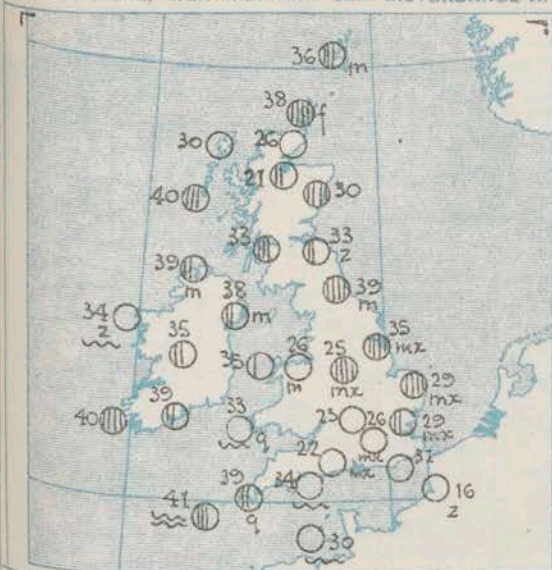
The barometric change is expressed in half-millibars.

11<sup>TH</sup> FEB, at 1h. G.M.T.

THE MORNING OF TUESDAY, 11<sup>TH</sup> FEBRUARY 1919 at 7h. G.M.T.



## TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



## NOTES.

Valencia. Gale 20-22h 10h. Ex. ESE 8.  
 Roche's Point. Gale 13h-24h 10h. Ex. E. 8.  
 Scilly. Gale 7-18h. Ex. ESE. 9 at 7h.  
 Falmouth. NNE. 8 at 18h 10h.  
 ESE. 8 at 1h 11h. High wind to gale all night.  
 Castletown, 7h 11h.  
 Lunar Corona.

## Notes on the Weather of the 24 hours ended 7h. Today

Severe frost continued over the inland portions of England and Scotland yesterday. The lowest minima were  $14^{\circ}$  at Eskdalemuir,  $17^{\circ}$  at Nottingham and  $18^{\circ}$  at Glasgow. Few maximum temperatures were above  $40^{\circ}$ . Sunshine was again abundant, ranging from 4 to 8 hours in all parts of the country. There was no rain or snow.

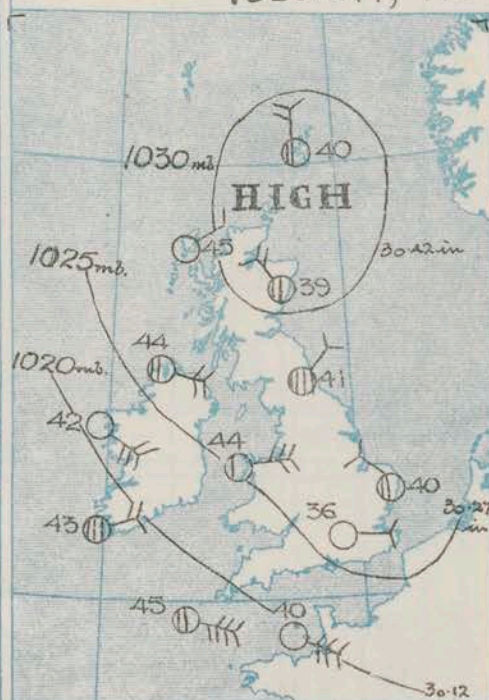
## The Conditions prevailing at 7h. Today

The anticyclone has drifted somewhat towards the North since yesterday, and is now centred over Eastern Scotland. Light breezes, mainly from NW, prevail on the east coast from Yarmouth up to the Orkneys, but further west and south the Easterly wind continues. The gale on our south-west coasts has moderated, but the wind is still strong over the western half of the Channel and in the south of Ireland. The weather is mainly fine in the west, but over the eastern half of the British Isles overcast skies are not uncommon. There is mist locally. The temperature remains low,  $21^{\circ}$  at Nairn,  $22^{\circ}$  at South Farnborough, and  $23^{\circ}$  at Benson.

## The Outlook

The anticyclone still shows a tendency to move northwards so that an Easterly wind will be maintained over the greater part of the country. Dry frosty weather may be expected to continue, with mist or fog at night over the eastern half of England and Scotland, and the cold is quite likely to continue for two days or more.

CYN

TUESDAY, 11<sup>TH</sup> FEBRUARY, 1919, at 13h. (1p.m.) G.M.T.

The 13h. map shows scarcely any change since the morning.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1919. No. 4.2.

TUESDAY,  
11<sup>TH</sup> FEBRUARY

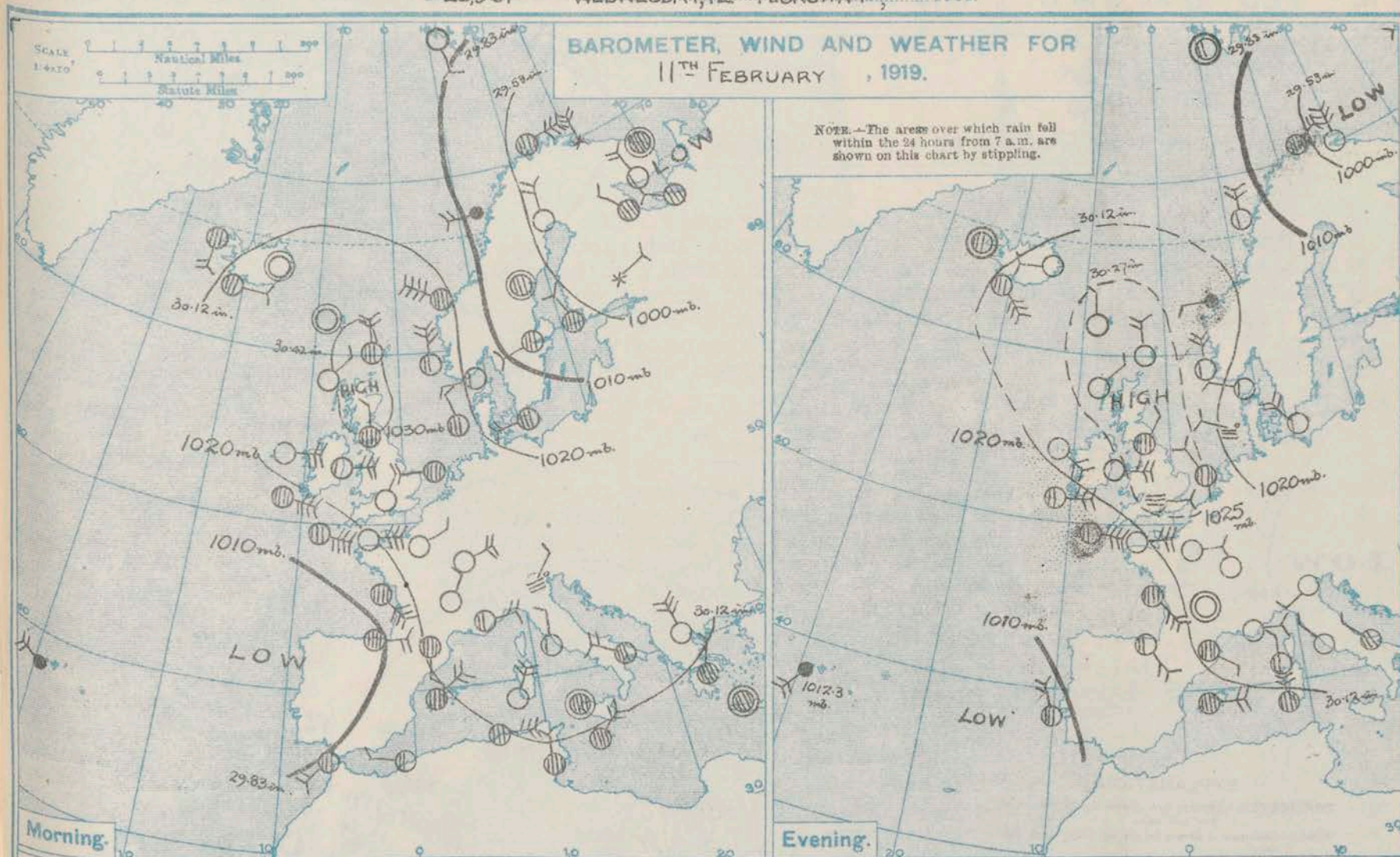
STATIONS.		EVENING OF... 10 <sup>TH</sup> ...					MORNING OF... 11 <sup>TH</sup> ...										24 HOURS ENDED 7 h. 11 <sup>TH</sup> ...					Sun- shine for 10 <sup>TH</sup>
		Barom. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea U-B.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick ...	1031.2	38	NW	4	bcm	1029.8	-2	36	-2	N	4	-	cm	3	-	42	35	bcm	bcm	cm	8
	Houton B. (Orkney) ...	1033.7	37	NW	3	b	1032.9	0	38	+3	-	0	*	om	1	-	40	35	b. bc	bc. c	f	8
	Stornoway ...	1031.9	35	S	2	b	1029.1	-1	30	-6	NE	1	-	b	0	-	45	30	c	c	b	6.5
	Castlebay (Barra Isd.) ...	1020.5	40	NE	3	b	1028.0	-2	40	0	E	2	-	c	2	-	44	39	om. bz	bz. b	bc	6.5
	Glasgow ...	1032.1	34	ENE	2	b	1029.8	-1	33	+14	ENE	3	SE	c	8	-	39	18	bz. b	b	b. bc	6.1
	Eskdalemuir ...	1032.7	30	N	3	byz	1029.2	-2	34	-	NNE	4	-	o	*	-	39	14	brg. byz	brx. byz	byz. c. o	8.5
	Malin Head ...	1027.9	39	SE	4	bcm	1025.5	-2	39	+7	ESE	3	-	bm	3	-	41	32	bm	bcm	bcm	8.0
	Blacksod Point ...	1021.8	36	E	6	bz	1021.5	+2	34	0	E	5	-	bz	5	-	40	33	bz	bz	bz	8
	Valencia (Cahiriveen) ...	1015.0	38	E	6	b	1014.7	0	40	+2	ESE	7	-	o	*	-	41	37	bz. q	bz. q	b. bc. co	6.8
	Roche's Point ...	1020.1	37	E	8	bc	1019.8	0	39	0	E	7	SE	bc	6	-	40	36	bc	bcz	b. bc	8
	Birr Castle ...	1022.7	35	E	4	b	1020.4	*	35	+3	E	3	E	bc	*	-	40	31	bz	b.	bc	8.3
	Donaghadee ...	1028.2	39	ESE	4	bm. q	1026.1	-1	38	+2	ESE	5	SE	bcm	4	-	41	34	b. q.	bm. q.	bm. q. f	8
	Liverpool (Bidston) ...	1030.2	30	ESE	1	m	1027.5	-2	26	+1	SE	2	-	bm	2	-	34	25	b	bm	bm. x	5.9
	Holyhead ...	1026.1	36	E	4	b	1024.2	-1	35	+2	E	5	-	b	4	-	40	31	b	b	b	7.7
	Pembroke (St. Ann's) ...	1022.5	33	E	5	bq	1021.0	*	33	+2	E	5	-	bq	5	-	34	29	bc. c. q.	bc. q.	bq.	4.7
	Scilly (St. Mary's) ...	1015.3	40	ESE	8	bc	1015.9	0	41	+3	ESE	7	SE	c	8	-	42	38	bc	bc	o. c	4.4
	Falmouth ...	1018.5	38	NNE	8	bq. m	1018.7	-1	39	+3	E	7	-	bc. q.	*	-	39	36	bc. q.	bc. q. m	bc. q.	6.0
	Jersey (St. Aubin) ...	1019.8	33	E	7	b	1019.8	0	30	+1	E	6	-	b	5	-	36	27	b	b	b. w. x	8.2
	Portland Bill ...	1022.6	34	E	7	b	1021.7	-2	34	-1	E	6	-	b	5	-	36	34	c	bc	bc. b	8
	Dungeness ...	1023.1	31	ENE	4	b	1025.8	-1	31	+3	E	3	-	b	2	-	32	27	b	b	b	8
Wick ...	1032.3	32	W	1	bm	1030.5	-1	26	-2	W	1	-	b	1	-	44	24	b	bc. bm	bm. x	8	
Nairn ...	1032.6	29	-	0	bcm	1030.6	*	21	-4	-	0	-	bc	1	-	39	20	bc. b	bcm	bc	8.3	
Aberdeen ...	1033.0	37	WNW	2	by	1030.6	-2	30	+3	WNW	3	-	o	2	-	42	25	bz. by	by	b. o	7.1	
Leith ...	1032.5	35	SE	1	b	1029.5	-1	33	+8	E	1	E	bcz	1	-	38	24	bm. b	bz. b	bm. x. bc	8	
Tynemouth ...	1031.2	37	N	1	bm	1027.9	*	39	+15	N	1	-	om	3	-	44	24	bm	bm	om	8	
Spurn Head ...	1031.1	23	-	0	b	1027.1	-2	35	+8	NW	2	-	om. x	2	-	36	25	b	b	cf. m. x	5.3	
Yarmouth (Gorleston) ...	1030.5	34	SE	1	b	1025.9	-3	29	-5	NW	2	-	om. x	2	-	39	27	bc	bc. bm	b. bm. x	7.9	
Clacton-on-Sea ...	1030.8	34	ESE	4	c	1027.2	-2	29	-4	NE	2	E	bm. x	1	-	34	28	c. o	o. c	c. bc. x	7	
Nottingham ...	1030.9	30	SE	1	b	1027.5	*	26	+7	W	1	-	om. x	*	-	35	17	b	b	b	5.8	
Benson (Oxon.) ...	1029.0	27	E	4	b	1026.4	-1	23	-5	-	0	-	b	*	-	32	21	o. bc. b	b	b. x	8	
St. Farnborough ...	-	-	ENE	4	b	1026.9	-1	22	-3	ENE	3	-	bm. x	*	-	33	22	bo. b. bc.	b	b. bm. x	8.1	
Salisbury Plain ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	
London (Kew Obsy.) ...	1028.5	30	E	4	bm	1027.0	-2	26	-3	NE	1	-	bm. x	*	-	33	24	om. x. bc.	bc. q. m.	bm. bm. x	6.0	
NORTHERN EUROPE.	Isafjord ...	1011.9	45	SSW	3	o	1017.9	+1	45	SSW	3	*	c	*	*	*	*	*	*	*	*	*
	Reykjavik ...	1018.7	45	SSE	1	o	1022.1	+2	39	-6	SSE	3	*	c	*	*	*	*	*	*	*	*
	Vestmanna ...	1022.3	44	S	2	o	1024.0	+1	41	-2	E	3	*	c	*	*	*	*	*	*	*	*
	Seydisfjord ...	1018.7	47	W	3	b	1022.7	+2	36	-14	-	0	*	b	*	*	*	*	*	*	*	*
	Thorshavn ...	1029.3	43	W	6	c	1029.2	0	37	-7	-	0	*	b	*	*	*	*	*	*	*	*
	Spitsbergen ...	1007.9	-11	S	2	b	1012.2	+1	-20	-5	S	2	*	b	*	*	-11	-24	*	*	*	*
	Vardö ...	996.6	21	N	4	bc	996.7	0	21	0	N	5	-	s	5	*	23	19	*	*	*	*
	Gjesvær ...	996.6	19	E	3	o	998.	*	25	+4	E	6	-	o	4	2	25	19	*	*	*	*
	Bodö ...	1006.3	41	SW	5	r	1009.1	0	36	-5	W	4	-	r	2	?	41	34	*	*	*	*
	Christiansund ...	1023.9	41	WNW	7	o	1023.3	-2	41	0	WNW	8	-	o	5	2	43	36	*	*	*	*
FRANCE, &c.	Skudesnaes ...	1028.3	41	N	3	b	1023.5	-4	39	+5	N	5	-	bc	2	-	41	27	*	*	*	*
	Færder (Xtania Fjord) ...	1019.4	39	W	1	b	1016.4	0	32	-5	N	1	-	m	1	-	39	32	*	*	*	*
	The Scaw (Skagen) ...	1020.2	36	NW	1	bc	1016.3	-1	32	-2	W	1	-	b	*	-	41	32	*	*	*	*
	Blaavands Huk ...	1023.9	36	N	2	b	1022.4	-1	34	-2	WNW	1	-	c	*	-	37	32	*	*	*	*
	Copenhagen ...	1020.2	34	NW	2	m	1017.0	-2	36	0	WNW	2	-	m	*	-	36	32	*	*	*	*
	Bornholm ...	1019.0	34	WSW	4	o	1014.1	-5	34	0	W	3	-	c	0	-	36	32	*	*	*	*
	The Helder ...	1029.1	36	W	3	b	1024.3	-1	37	+3	W	2	-	o	1	-	37	34	*	*	*	*
	C. Gris Nez ...	1029.1	23	E	3	b	1025.7	-1	23	+7	ENE	1	*	b	1	-	30	19	*	*	*	*
	La Hève ...	1025.0	23	E	5	b	1022.6	-2	19	-2	E	4	*	b	*	-	30	19	*	*	*	*
	Brest (St. Mathieu) ...	1014.4	37</																			

## 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

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

N20901 WEDNESDAY, 12<sup>TH</sup> FEBRUARY, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 11<sup>TH</sup> FEBRUARY.

STATIONS.	EVENING OF 10 <sup>TH</sup>					MORNING OF 11 <sup>TH</sup>					AFTERNOON OF 11 <sup>TH</sup>				
	Barom. M.S.L.	Temp.	Wind	Force	Weather.	Barom. M.S.L.	Temp.	Wind	Force	Weather.	Barom. M.S.L.	Temp.	Wind	Force	Weather.
RUSSIA.	Orlov ...	...	...	...	...	994.6	...	...	...	...	...	...	...	...	...
	Kem ...	...	...	...	...	995.8	...	...	...	...	...	...	...	...	...
	Archangel	...	...	...	...	994.6	...	...	...	...	...	...	...	...	...
	Imandra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
SWEDEN.	Haparanda	...	...	...	...	999.9	...	...	...	...	...	...	...	...	...
	Hernösand	...	...	...	...	1004.8	...	...	...	...	...	...	...	...	...
	Stockholm	...	...	...	...	1008.6	...	...	...	...	...	...	...	...	...
	Wishy ...	...	...	...	...	1010.3	...	...	...	...	...	...	...	...	...
	Sordovalä	...	...	...	...	993.7	...	...	...	...	...	...	...	...	...
ITALY.	Hangö ...	...	...	...	...	1001.1	...	...	...	...	...	...	...	...	...
	Venice ...	1028.3	32	-	0	b	1028.3	...	23	-5	NE	1	m	-	37 21
	Turin ...	1029.3	27	-	0	b	1031.3	...	19	-2	-	0	b	-	32 16
	Pesaro ...	1028.2	34	NE	2	0	1028.9	...	27	-	W	1	b	-	36 27
	Leghorn	1024.1	32	-	0	b	1024.7	...	36	+4	-	0	b	-	37 32
	Rome ...	1025.5	30	N	3	b	1027.3	...	27	0	N	1	b	-	37 25
	Viesti ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brindisi	1023.8	34	NW	3	S	1023.0	...	36	...	WNW	3	C	-	39 32
	Cagliari	1022.5	43	N	4	0	1021.3	...	45	+2	N	1	b	-	50 34
	Palermo	1022.7	...	-	0	0	1023.8	...	41	+2	-	0	0	-	43 37
	Tripoli	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

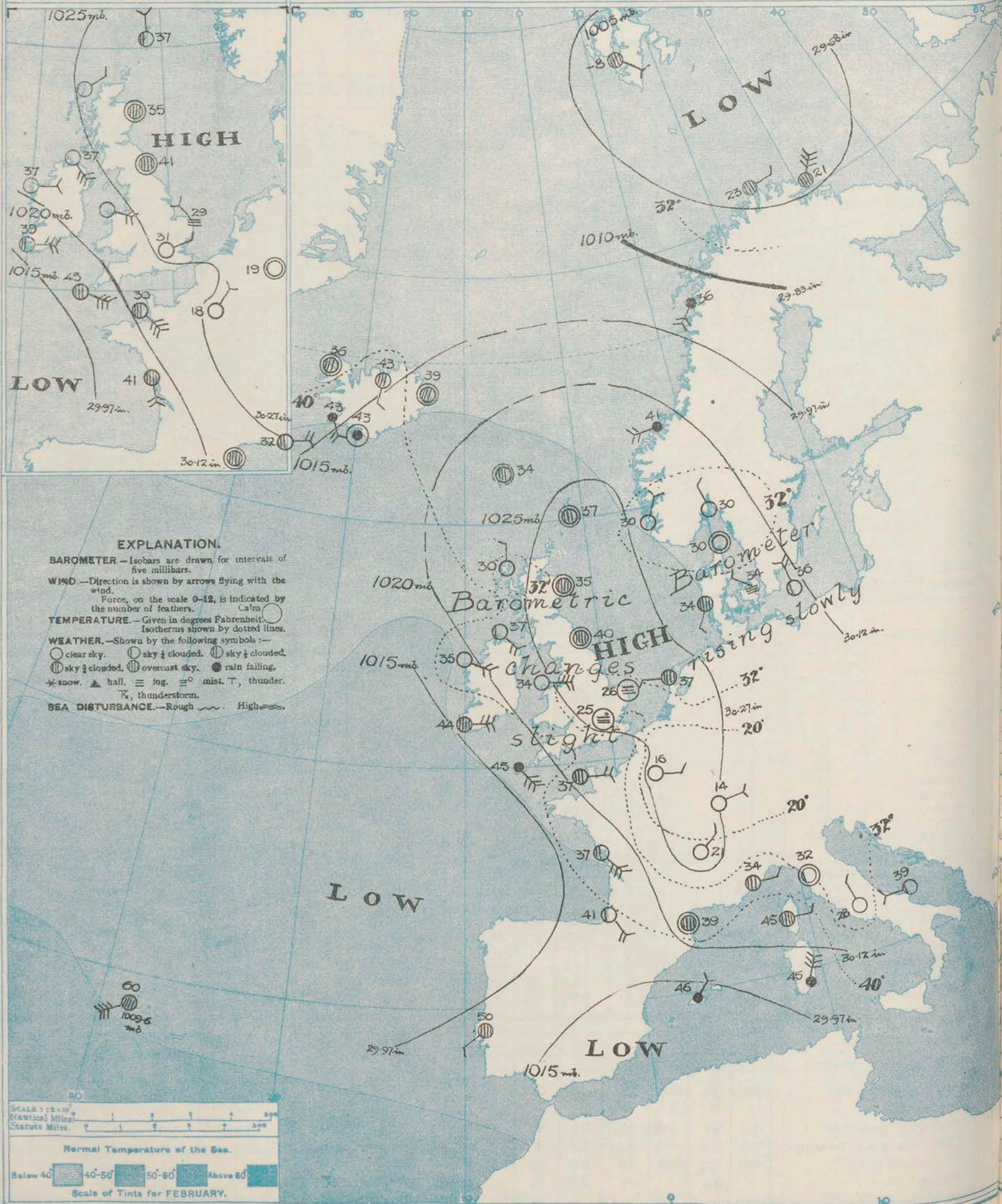
12 <sup>TH</sup> & 13 <sup>TH</sup> FEB 1919.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth	...	7.18	12.7	4.56
Greenwich	...	7.16	12.7	4.58
Wick	...	7.22	12.14	5.6
Valencia	...	7.20	12.14	5.8
		7.54	12.26	4.57
		8.4	12.55	5.46
		8.2	12.55	5.48

LONDON		24 HOURS ENDED 9 h., 12 <sup>TH</sup>		SOUTH KENSINGTON (M.O.)	
12 <sup>TH</sup> FEBRUARY, 9h. G.M.T.		Humidity.	Temperature.	Vertical Component of Solar Radiation per square Centimetre during 11 <sup>TH</sup>	
		15 h.	9 h.	Max.	Min.
GREENWICH (Royal Observatory)	...	64	83	6.7	38
CITY (Baukhill Row)	...	...	...	2.3	...
WESTMINSTER (St. James's Park)	...	73	98	3.3	39
(Roof near Charing Cross)	...	70	83	1.8	39
CAMDEN SQ. (British Rainfall)	...	64	92	1.6	39
KENSINGTON PALACE	...	...	93	...	39
RICHMOND PARK	...	...	...	3.0	...

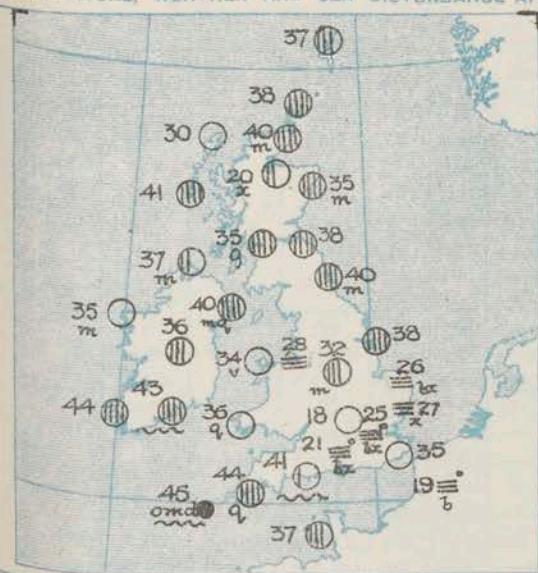
SOUTH KENSINGTON (M.O.)		Vertical Component of Solar Radiation per square Centimetre during 11 <sup>TH</sup>	
		Total.	Average Rate.
		Joules.	Milliwatts.
		366	10.5
			23

12<sup>TH</sup> FEB, at 1h. G.M.T.

THE MORNING OF WEDNESDAY, 12<sup>TH</sup> FEBRUARY 1919 at 7h. G.M.T.



## TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



## NOTES.

## Notes on the Weather of the 24 hours ended 7h. Today.

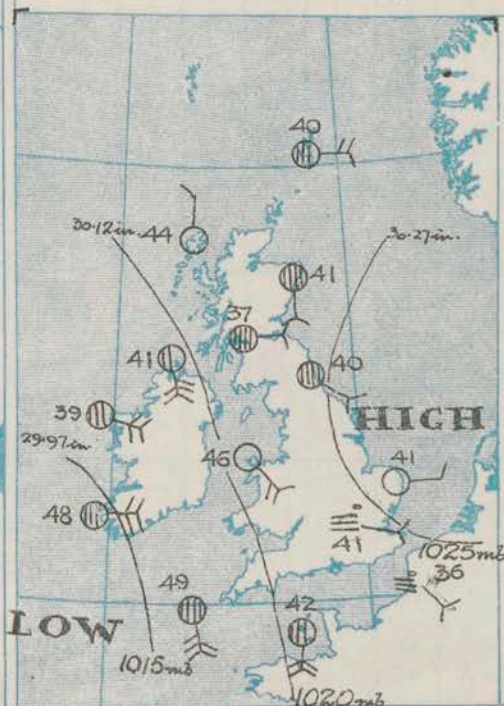
The temperature rose to 40° or over at most stations, but some very low minima were recorded, 17° at Benson and South Farnborough, and 19° at Nairn. Passing showers during the early morning yielded 2 mm. of rain at Scilly and a trace at Falmouth, elsewhere there was none. At a few places there was no bright sunshine, but records were for the most part good.

## The Conditions at 7h. Today

There is still an anticyclone over the North Sea and Eastern half of the British Isles. The wind is from E. or SE. over Ireland, Western England and the English Channel, moderate or fresh in force, but strong at Scilly. Towards the North Sea and over the inland districts of Scotland and England, light variable breezes prevail. The weather is fine to dull, with drizzling rain at Scilly, and fog at Liverpool, Yarmouth, Clacton and London. The temperature is down to 18° at Benson, 20° at Nairn, and 21° at South Farnborough.

## The Outlook

The barometric changes are slight and are unlikely to lead to any important change. Moderate E. or SE. winds may be expected over the western half of the United Kingdom, and light variable breezes in the east. The weather will be fair or fine, with sharp frost and some fog in the inland parts of England and Scotland.

WEDNESDAY, 12<sup>TH</sup> FEBRUARY, 1919, at 13h. (1p.m.) G.M.T.

The 13h. map shows that no change of importance has taken place since 7h.

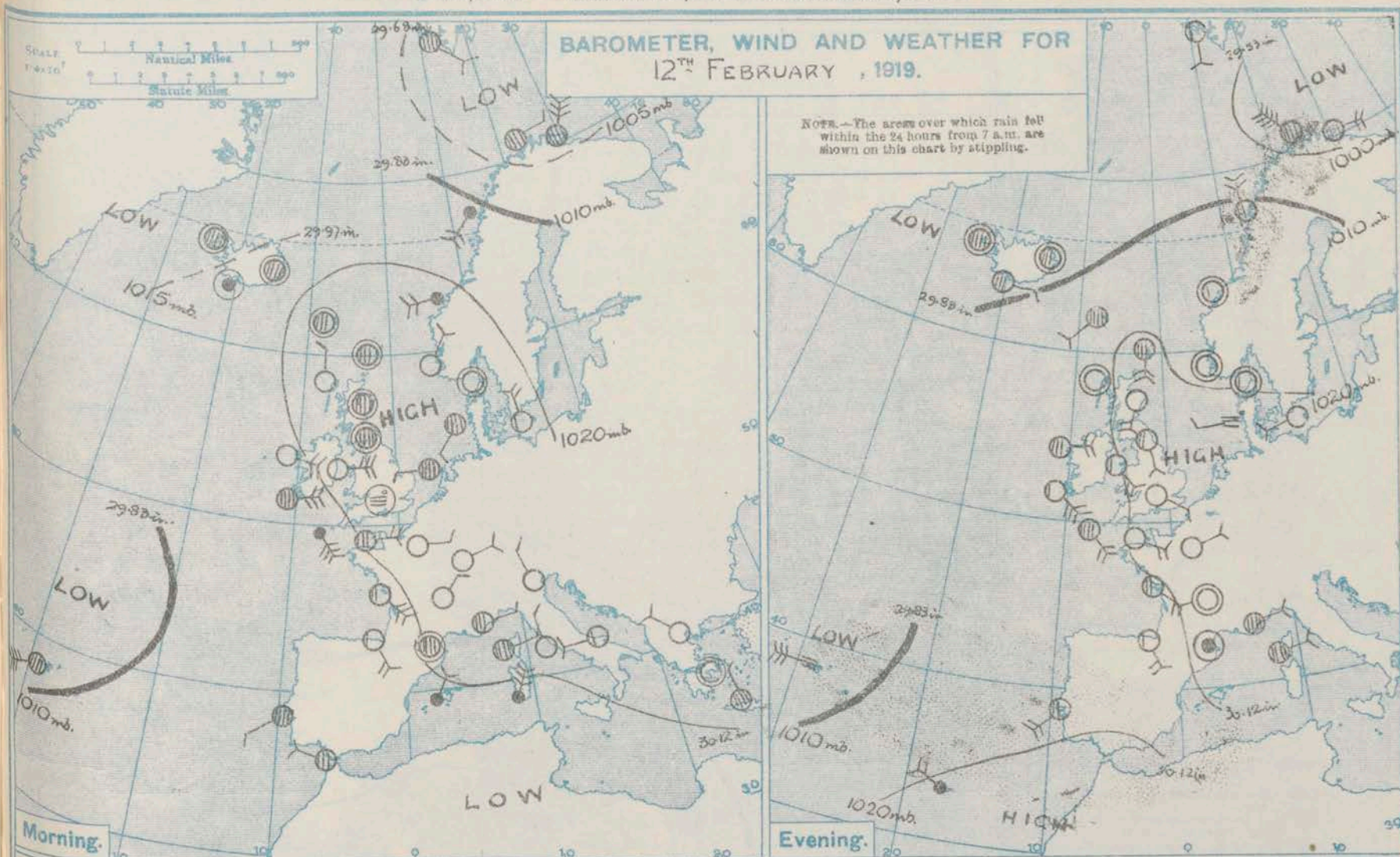
STATIONS.		EVENING OF... 11 <sup>TH</sup> ...					MORNING OF... 12 <sup>TH</sup> ...										24 HOURS ENDED 7 h. 12 <sup>TH</sup> ...					Sun- shine for 11 <sup>TH</sup>	
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	1029.1	40	N	3	c	1027.5	-1	37	+1	-	0	-	c	1	-	41	35	bcm	bcm	c	Hours.	
	Houton B. (Orkney)	...	...	...	...	...	1026.9	-2	38	0	SE	3	*	o	2	*	?	?	b.bcz	b.bcz	cf	*	
	Stornoway ...	1027.1	40	NE	1	b	1023.5	-1	30	0	N	1	-	b	-	-	47	29	b	b	b	6.1	
	Castlebay (Barra Isd.)	1026.0	41	NE	4	b	1023.8	-1	41	+1	SSE	4	SE	o	4	-	46	39?	c.o.c	c.b	bc	3.0	
	Glasgow ...	1029.2	38	E	3	c	1026.2	-1	35	+2	ESE	1	-	og	*	TRACE	38	30	c	c.o.c	o	1.8	
	Eskdalemuir ...	1027.7	36	NE	4	o	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Malin Head ...	1023.8	41	SE	3	bm	1022.0	0	37	-2	SE	3	-	bm	3	-	45	35	bcm	bcm	bcm	6.7	
	Blacksod Point	1020.6	40	SE	4	bz	1018.5	-1	35	+1	ESE	4	-	bm	3	-	43	32	bz	bz	bm	*	
	Valencia (Cahiriveen)	1017.0	40	E	5	bc	1015.2	-1	44	+4	E	5	-	o	-	-	44	39	c.b.c	c.b.c	bc.c	0.0	
	Roche's Point	1019.4	40	ESE	5	c	1018.0	-1	43	+4	ESE	5	-	o	6	TRACE	43	39	bc.cz	cz	c.oz	*	
	Birr Castle ...	1021.3	38	E	1	b	1019.5	*	36	+1	E	1	-	c	*	-	45	33	b	b	bc.c	8.7	
	Donaghadee ...	1024.5	40	ESE	5	bm	1022.6	-1	40	+2	ESE	4	-	omq	3	-	44	36	bcmq	bm	omq	*	
	Liverpool (Bidston)	1025.6	34	ESE	1	f	1024.9	-1	28	+2	SE	1	-	f	1	-	38	26	bm	bm	o.b.c.f	3.7	
	Holyhead ...	1023.2	40	E	5	bz	1022.2	-1	34	-1	E	5	-	bv	3	-	45	32	xv.bz	bz	bx	7.2	
	Pembroke (St. Ann's)	1020.5	39	E	4	b	1020.1	?	36	+3	E	4	-	bq	4	-	40	32	bq	b	bq	8.3	
	Scilly (St. Mary's)	1015.8	42	ESE	7	bc	1015.7	0	45	+4	SE	6	SE	md	6	2	45	40	c.b.c	bc	cp.op	5.9	
	Falmouth ...	1018.0	40	E	7	bq	1018.6	0	44	+5	ESE	5	-	og	*	TRACE	44	38	cg.bq	bq	bq.cop	6.9	
	Jersey (St. Aubin)	1019.5	39	E	5	b	1020.5	0	37	+7	E	3	-	c	3	-	41	30	b	b	bc	8.4	
	Portland Bill ...	1020.6	40	E	6	b	1020.9	0	40	+6	E	5	-	b	5	-	42	34?	b	b	b	*	
	Dungeness ...	1024.4	36	ENE	2	b	1024.4	0	35	+4	SE	3	-	b	2	-	39	29	b	b	b	*	
NORTHERN EUROPE.	Wick ...	1029.2	34	-	0	cm	1025.8	-1	40	+14	SSE	2	-	om	2	-	42	24	bx. omq	o.b.c.cm	cm.om	*	
	Nairn ...	1027.1	28	-	0	bz	1025.4	*	20	-1	-	0	-	b.c	-	-	36	19	bc.b	bz	b.b.c	8.4	
	Aberdeen ...	1029.1	37	NW	2	o	1026.4	-2	35	+5	-	0	-	om	2	-	39	29	o.c.bc	bc.c.o	om	0.6	
	Leith ...	1028.2	39	E	2	o	1025.8	-1	38	+5	SSE	2	-	o	2	-	40	33	bex.o	o	omg.o	*	
	Tynemouth ...	1026.6	41	NE	1	om	1025.9	?	40	+1	-	0	-	om	3	-	41	36	om	om	om	*	
	Spurn Head ...	1027.0	40	ENE	2	o	1026.5	0	38	+3	SE	1	-	o	2	-	40	35	o	o	o	0.0	
	Yarmouth (Gorleston)	1025.3	30	W	2	f	1025.9	0	26	-3	-	0	-	bfx	2	-	43	24	bc.fx	bcf	bfx	1.1	
	Clacton-on-Sea	1026.4	35	E	2	b	1026.0	+1	27	-2	NNE	2	NE	fx	1	-	40	26	bc.bm	bm	bmxf	7.8	
	Nottingham ...	1026.2	37	E	1	o	1025.7	*	32	+7	E	1	E	cm	*	0.2	39	24	o.cm	o.c	o.c	0.0	
	Benson (Oxon.) ...	1024.8	28	NE	1	b	1024.5	0	18	-5	-	0	-	b	*	-	39	17	bz	b	bxm	*	
	St. Farnborough	*	*	ENE	3	bm	1025.5	-0	21	-1	ENE	3	-	bm	*	-	40	17	bmy	y.bm	bm	7.7	
	Salisbury Plain	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	
	London (Kew Obsy.)	1025.2	34	E	2	f	1025.1	+1	25	-1	-	0	-	bfx	*	-	38	24	bm.bfx	b.m.bf	bf.bfx	0.0	
	FRANCE, &c.	Isafjord ...	1017.6	43	-	0	c	1011.9	-2	36	-9	-	0	-	c	*	*	*	*	*	*	*	
		Reykjavik ...	1018.7	42	SSE	4	c	1012.4	-4	43	+4	SE	3	-	r	*	*	*	*	*	*	*	
		Vestmanna ...	1020.2	42	SE	7	c	1015.4	-3	43	+2	-	0	-	r	*	*	*	*	*	*	*	
Seydisfjord ...		1021.2	41	W	2	b	1016.7	-1	39	+3	-	0	-	c	*	*	*	*	*	*	*		
Thorshavn ...		1028.3	39	N	1	b	1022.9	-5	34	-3	-	0	-	c	*	*	*	*	*	*	*		
Spitsbergen ...		1013.6	-20	-	0	bc	1024.0	-4	-8	+12	SE	2	*	o	*	*	?	-22	*	*	*		
Vardö ...		996.5	23	N	6	b	1004.0	+3	21	0	NE	6	-	o	3	*	25	18	*	*	*		
Gjesvær ...		1002.9	23	E	4	o	1005.0	?	23	-2	E	1	-	o	3	4	25?	19	*	*	*		
Bodö ...		1013.9	34	N	4	b	1012.2	-1	36	0	SW	4	-	r	2	?	36	30	*	*	*		
Christiansund ...		1023.8	39	W	3	c	1023.5	0	41	0	W	4	-	r	4	2	43	39	*	*	*		
IBERIA, &c.	Skudesnaes ...	1022.7	39	N	4	b	1022.4	0	30	-9	NNE	2	-	b	1	-	41	28	*	*	*		
	Færder (X'lantia Fjord)	1018.3	37	NW	2	b	1022.7	+2	30	-2	NNW	1	-	b	1	-	39	30	*	*	*		
	The Scaw (Skagen)	1017.7	36	WNW	1	b	1022.3	+1	30	-2	-	0	-	b	*	-	43	30	*	*	*		
	Blaavands Huk	1019.7	34	WNW	2	m	1023.3	+1	34	0	SSW	1	-	o	*	-	37	27	*	*	*		
	Copenhagen ...	1017.5	36	WNW	2	bc	1022.3	+3	34	-2	NW	1	-	o	*	-	39	32	*	*	*		
	Bornholm ...	1015.1	37	NW	4	m	1020.4	+2	36	+2	N	3	-	b	-	-	39	32	*	*	*		
	The Helder ...	1025.5	37	NW	2	o	1025.9	0	37	0	W	1	-	o	1	-	39	36	*	*	*		
	C. Gris Nez ...	1024.6	28	ESE	3	b	1024.7	0	28	+5	SE	2	*	b	*	-	37	23?	*	*	*		
	La Hève ...	1022.4	32	E	5	b	1022.7	0	25	+6	ESE	5	*	m	*	-	37	19?	*	*	*		
	Brest (St. Mathieu)	1014.9	43	ESE	5	o	1017.1	+2	43	+7	SE	4	*	bc	*	-	45	36?</					

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

N20902 THURSDAY, 13<sup>TH</sup> FEBRUARY, 1919.

## BAROMETER, WIND AND WEATHER FOR 12<sup>TH</sup> FEBRUARY, 1919.

NOTE.—The areas over which rain fell within the 24 hours from 7 a.m. are shown on this chart by stippling.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF February 12<sup>th</sup>

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF INTEREST

STATIONS.	EVENING OF 11 <sup>th</sup>					MORNING OF 12 <sup>th</sup>										AFTERNOON OF 12 <sup>th</sup>						
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND		Weather.	BAROMETER. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Weather.	Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.		Weather.
			Dirac.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.			Max.	Min.			Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.	
		*F.						*F.	*F.					*F.	*F.			*F.	*F.			
<div>RUSSIA.</div> Orlov ...	*	*	*	*	*	1000.3	*	5	-2	W	2	bc	*	*	*			39	+7	-	0	c
Kem ...	*	*	*	*	*									*	*	*						
Archangel ...	*	*	*	*	*	1003.0	+3	-6	+3	NW	1	o	*	*	*			44	0	SSW	4	r
Imandra ...	*	*	*	*	*	1004.2	*	5	?	SSE	2	o	*	*	*			43	+1	E	1	r
<div>SWEDEN.</div> Haparanda ...							*						*	*	*			41	+5	-	0	c
Hernösand ...							*						*	*	*			42	+5	-	0	c
Stockholm ...							*						*	*	*			44	0	-	0	b
Wisby ...							*						*	*	*							
Sordovala ...							*						*	*	*							
Hängö ...							*						*	*	*							
<div>ITALY.</div> Venice ...	1027.3	34	SW	1	b	1026.5	*	25	+2	NNW	1	b	-	39	23							
Turin ...	1027.8	28	-	0	b	1027.9	*	23	+4	-	0	b	-	36	19							
Pesaro ...							*															
Leghorn ...	1023.4	36	-	0	b	1022.5	*	32	-4	-	0	b	-	43	28							
Rome ...	1026.5	36	NW	1	b	1026.5	*	28	+1	N	1	b	-	43	25							
Viesti ...	1024.7	39	NW	1	c	1025.8	*	39	?	W	2	b	-	41	32							
Brindisi ...							*															
Cagliari ...	1019.8	41	N	4	o	1018.6	*	45	0	NNE	6	r	5	50	36							
Palermo ...							*															
Tripoli ...							*															
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM																						
Feb 13 <sup>th</sup> 14 <sup>th</sup> 1919.																SUNRISE.		NOON.		SUNSET.		
																G.M.T.		G.M.T.		G.M.T.		
Yarmouth ...																7.16		12.7		4.58		
Greenwich ...																7.14		12.7		5.0		
Wick ...																7.20		12.14		5.8		
Valencia ...																7.18		12.14		5.10		
																7.52		12.24		5.0		
																7.50		12.26		5.2		
																8.2		12.55		5.48		
																8.0		12.55		5.50		

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

STATION.	Feb 13 <sup>th</sup> & 14 <sup>th</sup> 1919.		
	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.16	12.7	4.58
Greenwich ...	7.14	12.7	5.0
	7.20	12.14	5.8
Wick ...	7.18	12.14	5.10
	7.52	12.24	5.2
Valencia ...	7.50	12.26	5.2
	8.2	12.55	5.48
	8.0	12.55	5.50

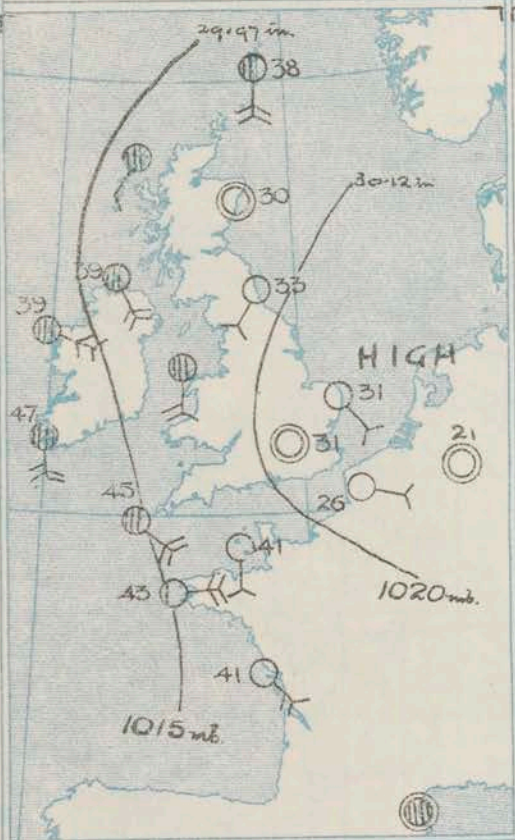
LONDON										SOUTH KENSINGTON (M.O.)			
February 13 <sup>th</sup> 9h. G.M.T.										Vertical Component of Solar Radiation per square Centimetre during 12 <sup>th</sup>			
HUMIDITY.		Sun-shine for 12 <sup>th</sup>	TEMPERATURE.			Rain-fall.	WEATHER.			Total Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.	
15 h.	9 h.		Max.	Min.	Min. on Grass		Morning.	Afternoon.	Night.				
12 <sup>th</sup>	13 <sup>th</sup>	12 <sup>th</sup>	° F.	° F.	° F.	mm.							
GREENWICH (Royal Observatory)	69	84	7.6	43	21	14	—	cz	cz	mf	361	10.3	25
CITY (Banhill Row)	?	89	3.8	45	27	19	—	*	*	*			
WESTMINSTER (St. James's Park)	67	75	1.0	44	28	*	—	bfx	bm	bm			
(Roof near Charing Cross)	79	97	0.0	38	19	17	—	cm	cm	*			
CAMDEN SQ. (British Rainfall)	76	82	*	34	22	11	—	bc	bc	*			
KENSINGTON PALACE			5.4	*	*	*	*	*	*	*			
RICHMOND PARK				*	*	*	*	*	*	*			

Printed at the Meteorological Office, South Kensington, London, S.W.7.  
By WYMAN & SONS LTD., Fetter Lane, London, E.C.4, and Reading.

The barometric change is expressed in half-millibars.

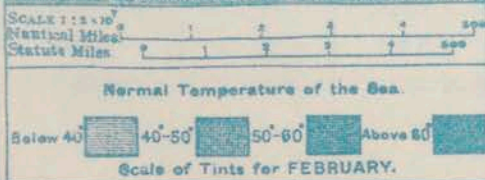
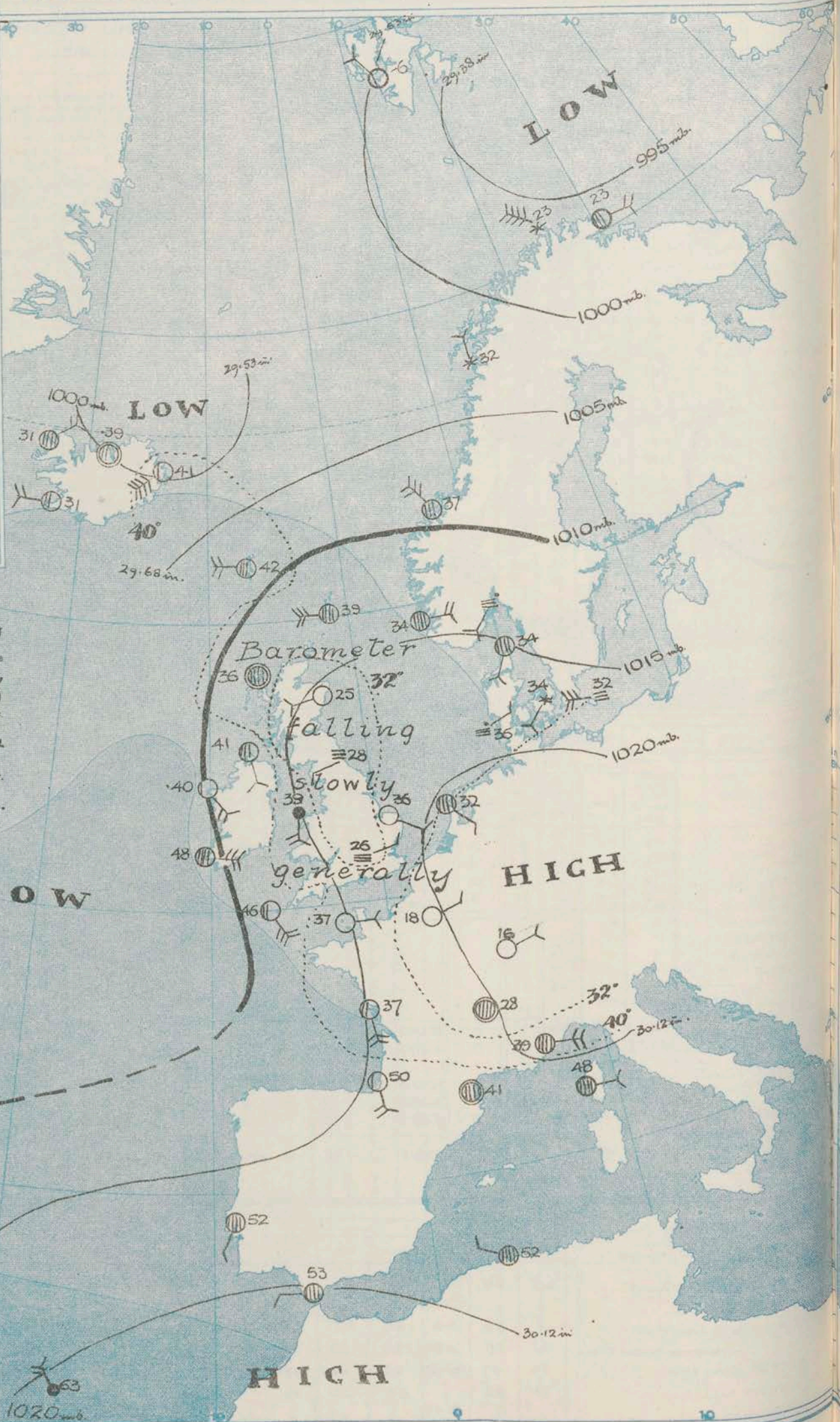
13<sup>TH</sup> FEB, at 1h. G.M.T.

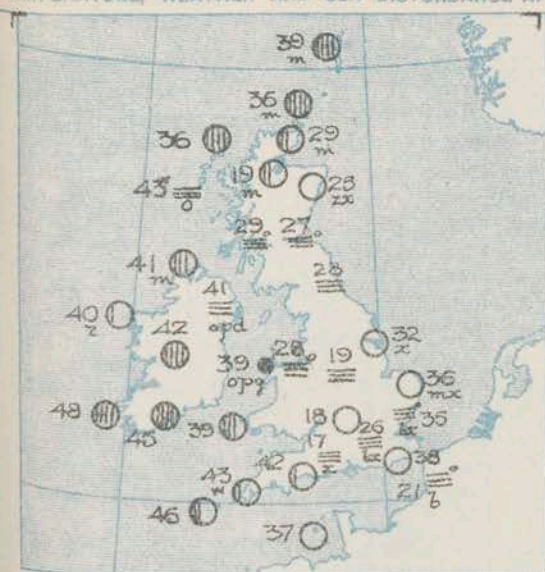
THE MORNING OF THURSDAY, 13<sup>TH</sup> FEBRUARY 1919 at 7h. G.M.T.



**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. Calm   
**TEMPERATURE**—Given in degrees Fahrenheit.  
 Isotherms shown by dotted lines.  
**WEATHER**—Shown by the following symbols:—  
 ○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.  
 ○ sky 2/3 clouded. ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ○ mist. T, thunder.  
 K, thunderstorm.  
**SEA DISTURBANCE**—Rough High





## NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

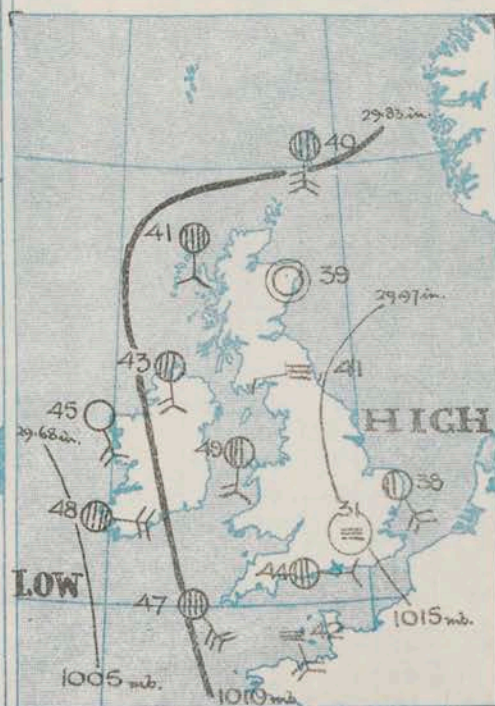
The maximum temperature was up to  $50^{\circ}$  at Holyhead and Valencia, and there were not many places where it failed to reach  $40^{\circ}$ . Frost was severe locally, the minimum being  $15^{\circ}$  at Benson,  $16^{\circ}$  at Nottingham,  $17^{\circ}$  at South Farnborough, and  $18^{\circ}$  at Nairn. A very good record of bright sunshine was obtained in England, 8 hours at Holyhead and Clacton. Drizzling rain at Roches Point yielded a total fall of 2 mm., but elsewhere there was none.

The Conditions prevailing at 7h. Today

The anticyclone has moved slightly east, the highest barometric readings being at present over Holland. The wind is moderate or fresh from the West to the north of Scotland, but is from between South and East elsewhere, light in force generally, but fresh in SW. Ireland. The sky is clear at almost all the English and Scottish stations, but there is much cloud in Wales and Ireland, and drizzling rain over the Irish Sea. There is mist or fog locally. The temperature is very low at most inland stations,  $17^{\circ}$  at South Farnborough,  $18^{\circ}$  at Benson, and  $19^{\circ}$  at Nottingham and Nairn.

The Outlook

The fall of the barometer that is taking place over the British Isles is so uniform that it is unlikely to produce any important change within the next 24 hours. Sharp frost, generally accompanied by fog, may be expected over the inland districts of England and Scotland tonight. There is some likelihood of cloudier and less cold weather setting in before long.

THURSDAY, 13<sup>TH</sup> FEBRUARY, 1919, at 13h. (1 p.m.) G.M.T.

At 13h. there had been no important change since the morning apart from a slight fall of the barometer in all districts.

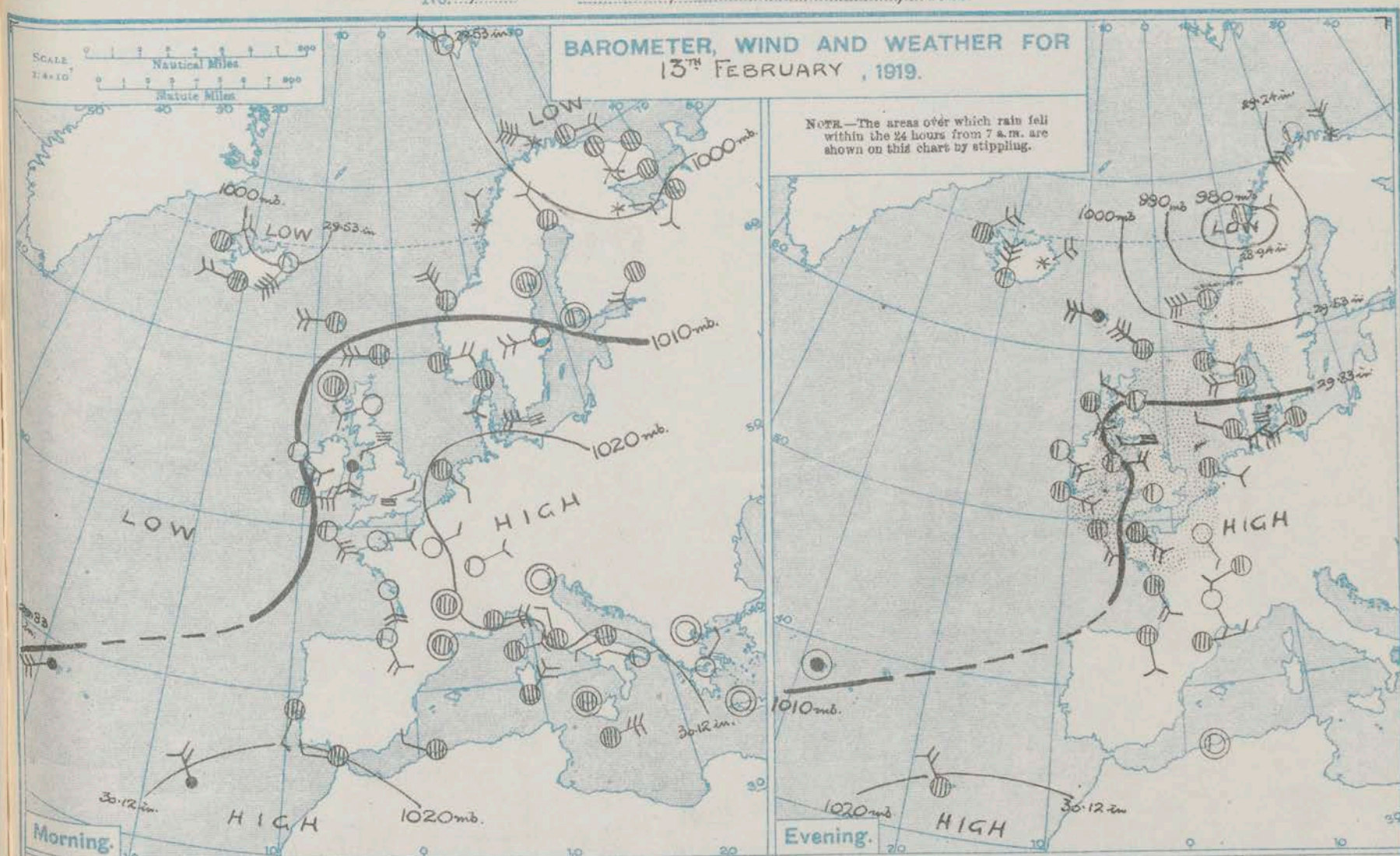
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1919. No. 44. (February 13<sup>th</sup> Thursday)

STATIONS.		EVENING OF 12 <sup>th</sup>					MORNING OF 13 <sup>th</sup>								24 HOURS ENDED 7 H. 13 <sup>th</sup>							Sun- shine for 12 <sup>th</sup>
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	Temp. °F.	Dry Bulb.	Change in 24 hours.	WIND.	Direc. of Upper Cloud.	Weather.	Sea 6-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force 0-12.												Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1021.3	39	S	4	c	1013.5	-3	39	+2	W	5	-	om	3	-	40	36	c	c	om	Hours
	Houton B. (Orkney)	1020.5	36	S	4	of	1014.0	-3	36	-2	W	4	*	om	?	*	41	35	om	of	f	*
	Stornoway	1019.7	35	-	0	bz	1013.3	-1	36	+6	-	0	-	o	-	-	44	29	b	bz	o	?
	Castlebay (Barra Isd.)	1019.0	41	SE	4	o	1013.2	-2	43	+2	SE	4	-	of	4	-	43	40	o	a.b.c.o	o.b.c.of	0.0
	Glasgow	1021.4	34	ENE	2	bz	1016.2	-3	29	-6	S	1	-	m	*	-	38	24	omg	a.c. bz	bxmx	1.0
	Eskdalemuir	1021.9	29	-	0	b	1017.2	-2	17	-	-	0	-	bm	*	-	37	16	ox	bm	bm	2.5
	Malin Head	1017.1	39	SSE	4	bm	1012.3	-2	41	+4	SSE	3	S	cm	3	0.3	43	36	bm	bm	cm	7.3
	Blacksod Point	1015.0	39	E	4	cg	1009.9	-2	40	+5	SE	3	-	bz	3	-	40	35	cmg	cmg	cmg.bz	
	Valencia (Cahireveen)	1012.5	49	SE	5	b	1007.8	-3	48	+4	ESE	5	-	o	*	-	50	43	ox	c.o.b	b.c.o	0.0
	Roche's Point	1015.9	46	SE	5	om	1010.4	-2	45	+2	SE	4	-	o	4	2	46	43	df	df. om	om o	*
	Birr Castle	1016.0	41	SE	1	o	1011.6	*	42	+6	SE	1	-	o	*	0.1	43	35	cx	ox	oe	0.8
	Donaghadee	1019.3	39	SSE	3	bm	1014.5	-1	41	+1	SSE	2	-	ofpd	1	0.1	43	37	omg.bz	bcm	cm. omg	*
	Liverpool (Bidston)	1021.0	34	SE	3	b	1015.8	-2	28	0	SE	3	-	bm	2	-	38	27	f.bm	bm	bm	3.9
	Holyhead	1018.9	40	SE	3	bz	1014.6	-2	39	+5	S	3	-	opg	1	-	51	33	bz	bz	b.b.c.o	8.2
	Pembroke (St. Ann's)	1018.7	41	ESE	4	o	1014.2	?	39	+3	E	3	-	o	3	-	41	35	bc	c.o	o.b.c	0.0
	Scilly (St. Mary's)	1017.1	47	SE	4	o	1011.9	-2	46	+1	SE	5	E	bc	4	-	49	43	om	om	om.c.b.c	0.0
	Falmouth	1018.1	44	ESE	4	om	1013.0	-2	43	-1	SE	3	-	bw	*	-	46	42	omg	og. ogm	bcw	0.0
	Jersey (St. Aubin)	1020.2	43	ESE	3	b	1014.9	-1	37	0	E	2	-	b	2	-	45	32	c.b.c	c.b	c.bmwx	5.5
	Portland Bill	1019.9	40	E	4	b	1015.1	-2	42	+2	ESE	3	-	b	3	-	44	38	b	r	b	*
	Dungeness	1022.5	38	E	2	b	1017.1	-2	38	+3	SE	2	-	b	2	-	42	33	b	b	b.bx	*
Wick	1019.5	38	S	3	cm	1014.0	-2	29	-11	WSW	2	-	bcm	2	-	41	28	omg	omg.cm	c.b.bcm	*	
Nairn	1019.4	29	-	0	bz	1014.5	*	19	-1	-	0	-	bcm	-	-	36	18	bc	bz	bz	6.9	
Aberdeen	1020.9	38	SSW	3	c	1015.3	-2	25	-10	WSW	2	-	bz.x	2	-	41	25	om	om.cm	bc.bzx	0.0	
Leith	1021.0	36	NE	1	c	1015.7	-1	27	-11	S	1	-	m	1	-	40	26	om.o	om.o.c	c.bzx.m	*	
Tynemouth	1022.1	35	SSE	2	bcm	1015.5	?	28	-12	WSW	1	-	f	3	-	40	27	om	om	bcm.f	*	
Spurn Head	1023.7	38	SE	2	b	1018.5	-2	32	-6	SSE	2	-	bx	2	-	41	29	bc	bc	bx	4.9	
Yarmouth (Gorleston)	1023.3	36	SE	3	b	1018.5	-2	36	+10	SE	2	-	bm.x	2	-	42	25	bf	bm	bx.bmx	7.0	
Clacton-on-Sea	1023.4	37	E	2	b	1018.4	-2	35	+8	E	2	-	bm.x	2	-	41	26	f.bm	bm	bm.x	8.0	
Nottingham	1022.7	33	E	1	b	1017.6	*	19	-13	-	0	-	fx	*	-	40	16	c.b.c	b	bm	4.4	
Benson (Oxon.)	1022.0	29	-	0	b	1016.8	-2	18	0	-	0	-	b	*	-	37	15	bx	bx	bm.x	*	
St. Farnborough	*	*	ESE	2	bm	1018.1	-2	17	-4	WNW	2	-	fx	*	0.3	43	17	bm	bm	bm.ox	7.4	
Salisbury Plain	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
London (Kew Obs.)	1022.2	36	ESE	1	bm	1017.5	-2	26	+1	ENE	1	-	bfx	*	0.1	44	21	bfx.bm	bm	bm.bfx.bx	4.7	
NORTHERN EUROPE.	Isafjord	1003.0	41	-	0	o	1003.7	+3	31	-5	NE	3	-	o	*	*	*	*	*	*	*	*
	Reykjavik	1007.4	42	SSW	1	o	1006.6	0	37	-6	W	3	-	c	*	*	*	*	*	*	*	*
	Vestmanna	1008.8	42	E	1	c	1006.4	+3	37	-6	NW	5	-	bc	*	*	*	*	*	*	*	*
	Seydisfjord	1007.4	40	-	0	c	999.9	-2	41	+2	SW	8	-	b	*	*	*	*	*	*	*	*
	Thorshavn	1017.6	40	SW	2	o	1007.5	-2	42	+8	W	4	-	c	*	*	*	*	*	*	*	*
	Spitsbergen	1007.0	-6	S	2	b	1000.0	+1	-6	+2	NW	2	-	b	*	*	-6	-13	*	*	*	*
	Vardø	997.3	23	ESE	4	o	993.5	-0	23	+2	ESE	3	-	c	2	*	23	19	*	*	*	*
	Gjesvær	994.0	28	NW	8	o	995.1	?	23	0	NW	8	-	s	4	7	28	21	*	*	*	*
	Bodø	1010.3	36	N	4	bc	1002.9	-5	32	-4	N	2	-	s	2	*	37	30	*	*	*	*
	Christiansund	1017.3	37	-	0	b	1009.0	-3	37	-4	NW	5	-	c	4	1	43	34	*	*	*	*
Skudesnaes	1019.4	30	-	0	b	1014.7	-3	34	+4	E	3	-	o	2	-	41	28	*	*	*	*	
Færder (X'aniafjord)	1019.3	32	-	0	b	1013.5	-3	30	0	SW	2	-	m	1	-	34	30	*	*	*	*	
The Scaw (Skagen)	1020.4	32	-	0	b	1014.7	-3	34	+4	SSW	2	-	o	*	-	45	30	*	*	*	*	
Blaavands Huk	1021.9	36	WSW	1	m	1019.1	-2	36	+2	ENE	1	-	m	*	TRACE	37	30	*	*	*	*	
Copenhagen	1022.7	37	WNW	1	b	1019.5	-2	34	0	SW	2	-	s	*	-	45	28	*	*	*	*	
Bornholm	1021.7	37	WSW	2	b	1019.0	-2	32	-4													

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20903.

FRIDAY, 14<sup>TH</sup> FEBRUARY, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 13<sup>TH</sup> FEBRUARY

STATIONS.	EVENING OF 12 <sup>TH</sup>					MORNING OF 13 <sup>TH</sup>										AFTERNOON OF 13 <sup>TH</sup>					
	Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Force 0-12.	Weather.	Barom. Millibars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours.	Wind Direc.	Force 0-12.	Weather.	Rain-fall. Millimetres.	Temp. °F. Max.	Temp. °F. Min.	Barom. Millibars at M.S.L.	Temp. °F. Dry Bulb.	Change in 24 hours.	Wind Direc.	Force 0-12.	Weather.
<b>RUSSIA.</b>																					
Orlov ...	*	*	*	*	*	999.4	*	10	+5	ESE	2	0	*	*	*		25	-14	NNE	5	0
Kem ...	*	*	*	*	*	999.1	*	7		ESE	1	0	*	*	*		34	-10	NNE	2	7
Archangel ...	*	*	*	*	*	1001.7	*	-2	+4	SH	2	0	*	*	*		36	-7	N	5	C
Imandra ...	*	*	*	*	*	1000.2	*	-2	-7	SSE	2	0	*	*	*		32	-10	NE	5	S
<b>SWEDEN.</b>																					
Haparanda ...						1002.1	*	14	-	NW	2	0	*	*	*		43	-1	N	6	0
Hernösand ...						1007.4	*	39	-	-	0	0	*	*	*						
Stockholm ...						1012.4	*	30	-	W	4	0	*	*	*						
Wisby ...						1014.1	*	36	-	NW	2	0	*	*	*						
Sordovalä ...						1004.0	*	14	-	SW	3	0	*	*	*						
Hängö ...						1008.8	*	34	-	-	0	0	*	*	*						
<b>ITALY.</b>																					
Venice ...	1023.8	36	-	0	b	1022.1	*	30	+5	-	0	b	-	41	28						
Turin ...	1024.6	32	-	0	b	1023.4	*	28	+5	-	0	b	-	41	26						
Pesaro ...	1024.7	30	-	0	b	1023.4	*	23	-	-	0	b	-	39	21						
Leghorn ...	1019.3	39	-	0	b	1016.9	*	34	+2	-	0	C	-	46	32						
Rome ...	1022.3	39	N	1	0	1020.2	*	34	+6	N	1	0	-	46	32						
Viesti ...	1023.4	45	NW	1	b	1019.7	*	43	-4	N	1	0	-	?	?						
Brindisi ...	1022.6	43	NW	1	C	1019.5	*	41	-	NW	1	0	-	50	39						
Cagliari ...	1014.6	43	N	5	r	1015.8	*	45	0	NB	4	0	38	52	39						
Palermo ...	1019.3	50	-	0	b	1016.9	*	52	-	-	0	0	-	61	37						
Tripoli ...																					

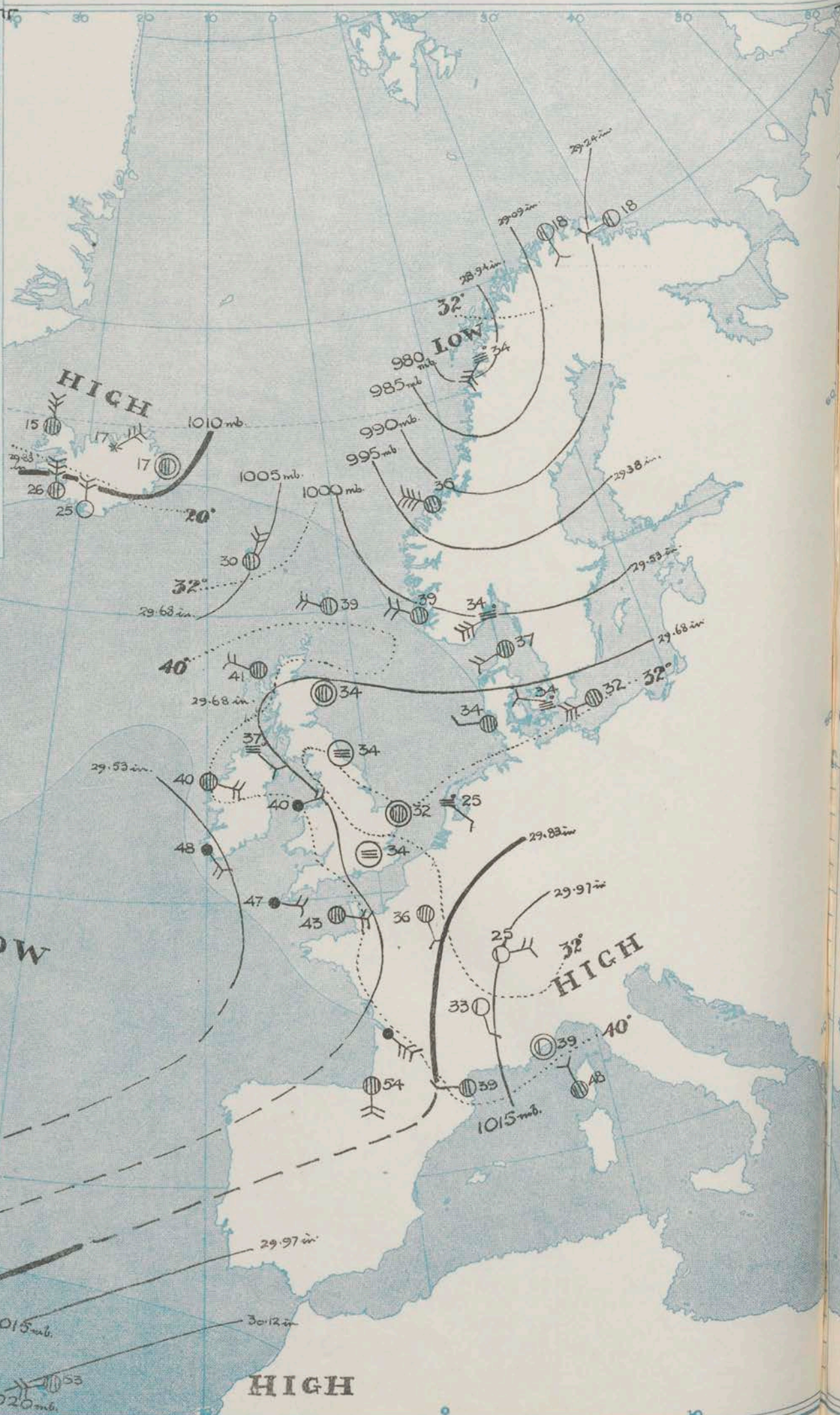
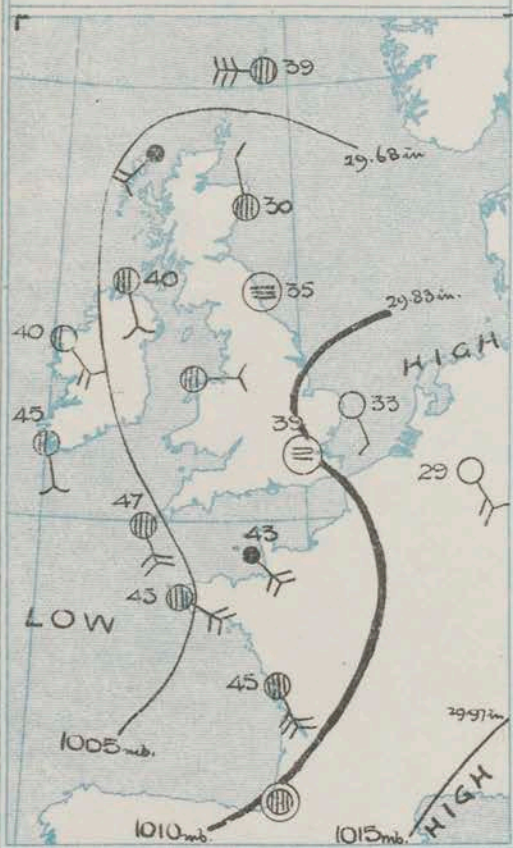
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

14 <sup>TH</sup> & 15 <sup>TH</sup> FEB 1919.		Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.14	12.7	5.0	
Greenwich ...	7.12	12.7	5.2	
Wick ...	7.18	12.14	5.10	
Valencia ...	7.16	12.14	5.12	
	7.50	12.26	5.2	
	7.48	12.26	5.4	
	8.0	12.55	5.50	
	7.58	12.55	5.52	

24 HOURS ENDED 9 h., 14 <sup>TH</sup>										SOUTH KENSINGTON (M.O.)		
LONDON										Vertical Component of Solar Radiation per square Centimetre during 13 <sup>TH</sup>		
14 <sup>TH</sup> FEBRUARY 9h. G.M.T.	HUMIDITY.		Sun-shine for 13 <sup>TH</sup>	TEMPERATURE.			Rain-fall.	WEATHER.			Total.	Average Rate.
	13 <sup>TH</sup>	14 <sup>TH</sup>		Max.	Min.	Min. on Grass		Morning.	Afternoon.	Night.	Joules.	Milliwatts.
GREENWICH (Royal Observatory)	61	96	7.4	45	28	21	1	b. bc	bc. c	c. o		
CITY (Bunhill Row)	*	*	0.2	*	*	*	*	*	*	*		
WESTMINSTER (St. James's Park)	64	98	0.8	46	29	24	-	*	*	*		
" (Roof near Charing Cross)	60	91	0.0	46	32	*	-	bfx	bem	bem of		
CAMDEN SQ. (British Rainfall)	78	95	0.0	37	26	25	-	a. b. m	bc	*		
KENSINGTON PALACE	*	*	*	45	25	22	-	bc	bc	*		
RICHMOND PARK	*	*	2.8	*	*	*	*	*	*	*		
NOTES.—The thermometers at Greenwich and Camden Square are in Glaisher screens.										The barometric change is expressed in half-millibars.		

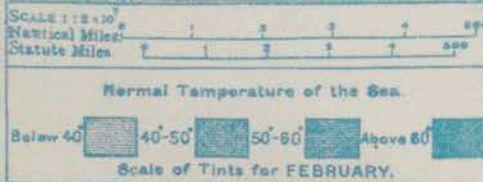
14<sup>TH</sup> FEB, at 1h. G.M.T.

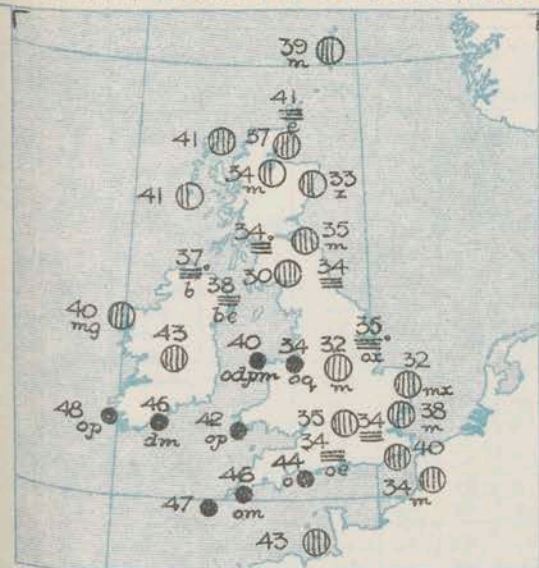
THE MORNING OF FRIDAY, 14<sup>TH</sup> FEBRUARY 1919 at 7h. G.M.T.



**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. Calm   
**TEMPERATURE.**—Given in degrees Fahrenheit.  
 Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky & clouded. ○ sky & clouded. ○ sky & clouded. ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 ⚡, thunderstorm.  
**SEA DISTURBANCE.**—Rough High





NOTES.

Notes on the Weather of the 24 hours ended 7h to-day.

The maximum temperature reached 50° at Holyhead only. The very low readings of yesterday morning were not generally repeated during the night, owing to the cloudy state of the sky. At Bedford, however, the temperature was down to 17° at 1 a.m. Sunshine was again abundant at most English stations, 7½ hours at Yarmouth and Clacton. Some rain fell in the west, 4mm. at Scilly, and 3mm. at Falmouth.

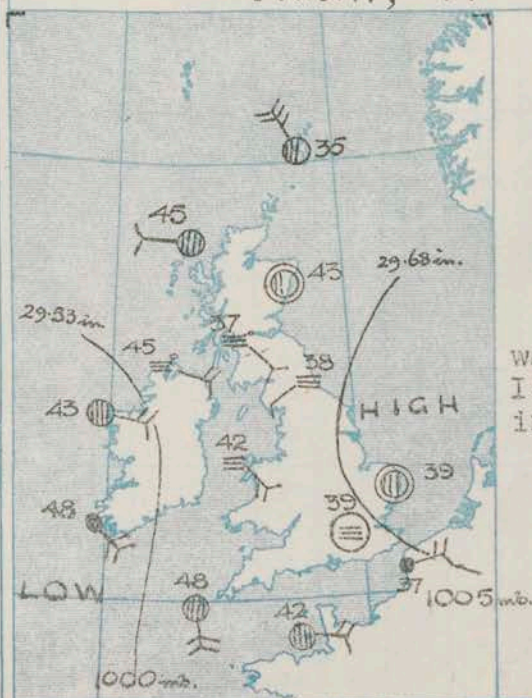
The Conditions at 7h. to-day.

The anticyclone continues to disperse, and a depression off the south-west coast of Ireland is advancing gradually. The wind is moderate in force at a few coast stations but is very light inland, the direction being between South and East, except in the North of Scotland where it is from the West. Dull weather prevails generally, with much mist and fog, while rain is falling in the south-west of England, in Wales and in the south of Ireland. The temperature is near the freezing point in England and Scotland, 30° at Eskdale being the lowest reading.

The Outlook.

A definite thaw, accompanied for the most part by rain and mist or fog, may be expected in all parts of the country, the temperature becoming normal to rather high. There is not likely to be much wind.

FRIDAY, 14<sup>TH</sup> FEBRUARY, 1919, at 13h. (1p.m.) G.M.T.



A slow fall of the barometer was continuing over the British Isles at 13h, the outlook remaining the same as at 7h.

STATIONS.	EVENING OF 13 <sup>TH</sup>						MORNING OF 14 <sup>TH</sup>										24 HOURS ENDED 7 h. 14 <sup>TH</sup>						Sun- shine for 13 <sup>TH</sup> Hours.
	Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	TEMP.		WIND.	Direc. of Upper Cloud.	Weather.	Sea (0-9).	Rain- fall, Milli- metres.	TEMP.		WEATHER.							
			Direc.	Force 0-12.			Dry Bulb.	Change in 24 hours.						Direc.	Force 0-12.	Max.	Min.	Morning.	Afternoon.	Night.			
Lerwick ...	1006.8	40	WNW	6	om	1002.5	0	39	0	WNW	4	W	cm	3	-	42	38	om	om	om	*		
Houton B. (Orkney) ...	1009.2	38	SW	3	og	1003.6	-1	41	+5	WNW	5	*	ef	4	*	41	34	b	f	eg. pd	*		
Stornoway ...	1008.4	41	S	3	om	1004.6	-1	41	+5	W	3	-	o	2	1	41	36	o	om	op	0.0		
Castlebay (Barra Isd.) ...	1008.7	44	SSE	3	opm	1005.0	0	41	-2	NE	1	-	bc	1	TRACE	44	40	of. om	om. opm	op. bc	0.0		
Glasgow ...	1011.0	36	-	0	of	1006.1	+2	34	+5	-	0	-	tr	*	0.3	37	28	fe	f. cm. of	of. f	0.0		
Eskdalemuir ...	1011.1	35	-	0	om	1006.3	-2	30	+13	-	0	-	o	*	-	41	17	br. om	om. om	om. o	0.2		
Malin Head ...	1008.8	41	SSE	3	om	1003.4	-3	37	-4	SE	2	-	bm	2	-	43	35	cm	om. om	om. o	0.1		
Blacksod Point ...	1005.4	43	ESE	4	bcm	1000.7	-3	40	0	ESE	4	-	omg	3	-	45	30	bx	bcm	bc. omg	*		
Valencia (Cahirciveen) ...	1003.1	48	ESE	4	c	998.1	-2	48	0	SE	3	-	op	3	3	48	46	od. co	od. pc	c. po	0.0		
Roche's Point ...	1006.4	45	ESE	4	ox	1000.9	-2	46	+1	ESE	4	-	dm	4	1	46	45	ox	ox	ome. dm	*		
Birr Castle ...	1007.0	44	SE	1	o	1001.4	*	43	+1	SE	1	-	o	*	-	46	41	o	o	o	0.0		
Donaghadee ...	1010.4	42	SSE	2	ogf	995.0	-2	39	-2	SE	2	-	bge	2	0.4	44	37	ogf	ogf	of	*		
Liverpool (Bidston) ...	1010.0	38	SE	2	b	1004.6	-2	34	+6	SE	2	S	og. r	2	1	42	28	bc. om	o. bc	bc. op	1.7		
Holyhead ...	1009.2	42	E	3	bcx	1004.2	-2	40	+1	E	3	-	opdm	1	0.3	51	37	o. pc	c. bcm	c. om	4.7		
Pembroke (St. Ann's) ...	1008.8	42	ESE	3	bc	1003.8	?	42	+3	E	3	-	op	3	0.3	45	38	bc	bc	o. or. op	3.8		
Scilly (St. Mary's) ...	1007.1	47	SE	3	cm	1001.3	-3	47	+1	ESE	4	SE	r	4	4	48	46	c. omp. d	om. cm	om. m	0.2		
Falmouth ...	1007.9	45	SE	4	em	1002.8	-1	46	+3	SE	1	-	orm	*	3	49	42	cm	omd. me	oem	0.6		
Jersey (St. Aubin) ...	1011.0	43	SE	3	o	1003.6	-2	43	+6	ESE	4	-	o	3	2	45	37	bc. o	o. c. o	ome. or	3.2		
Portland Bill ...	1010.5	44	E	3	c	1004.8	-3	44	+2	E	2	-	or	3	1	45	42	bc. c	c	or	*		
Dungeness ...	1012.5	41	SSE	3	b	1006.6	-2	40	+2	S	3	S	c	3	-	43	36	b	bc	c. bc. c	*		
Wick ...	1008.4	37	SSW	2	o	1004.1	-1	37	+8	WSW	2	-	o	1	0.3	40	29	a. bcm	omg	omp. q	*		
Nairn ...	1009.4	34	-	0	om	1004.5	*	34	+15	-	0	-	bcm	-	-	37	19	bc. cm	cm	o. cm	1.1		
Aberdeen ...	1009.9	33	WNW	1	bcx	1005.5	-2	34	+9	-	0	-	cx	1	TRACE	39	25	bx	b. bcx	bcx. c	4.6		
Leith ...	1010.0	37	S	1	m	1005.5	-1	35	+8	S	1	-	cm	1	1	39	25	m	m. cm	mc. to	*		
Tynemouth ...	1010.3	37	W	1	f	1005.5	?	34	+6	-	0	-	f	3	-	43	26	f	f	f	*		
Spurn Head ...	1013.3	37	SSE	1	bcm	1006.8	-1	35	+3	S	1	-	omx	2	-	40	31	bm	bm	b. omx	6.2		
Yarmouth (Gorleston) ...	1012.9	37	SE	1	b	1008.0	-4	32	-4	-	0	-	omx	-	-	39	30	bcm	bcm. bm	bm. omx	7.3		
Clacton-on-Sea ...	1012.8	38	ESE	2	bc	1007.3	-2	38	+3	ESE	1	-	om	1	-	42	34	b. bcm	bcm	bcm. o	7.7		
Nottingham ...	1011.7	35	SE	1	b	1006.2	*	32	+13	SE	1	-	om	*	-	44	18	fm. b	b	bm	4.7		
Benson (Oxon.) ...	1011.9	32	-	0	o	1005.5	-2	35	+17	-	0	-	o	*	0.2	43	16	bx	b	or. sm	*		
Sth Farnborough ...	*	*	E	2	om	1006.6	-2	34	+17	SSE	1	-	ogf	*	TRACE	44	17	of. cm	c. om	or. ofe	4.8		
Salisbury Plain ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
London (Kew Obs.) ...	1011.9	37	-	0	bcm	1006.2	-3	34	+8	-	0	-	f	*	0.2	44	23	b. fx. fx	fx. bcm	bcm. of	1.9		
Isafjord ...	1009.5	23	NE	4	o	1014.6	+4	15	-16	N	5	-	o	*	*	*	*	*	*	*	*		
Reykjavik ...	1007.0	34	NW	3	bc	1008.7	+1	26	-11	N	6	-	c	*	*	*	*	*	*	*	*		
Vestmanna ...	1006.6	34	N	6	bc	1006.6	0	25	-12	N	4	-	b	o	*	*	*	*	*	*	*		
Seydisfjord ...	1006.3	28	NE	4	s	1011.9	+2	17	-24	-	0	-	c	*	*	*	*	*	*	*	*		
Thorshavn ...	1002.4	41	W	5	r	1005.5	+1	30	-12	NNE	4	-	c	*	*	*	*	*	*	*	*		
Spitsbergen ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Vardø ...	992.7	23	N	4	s	990.9	-3	18	-5	W	2	-	bc	3	*	23	18	*	*	*	*		
Gjesvær ...	991.8	27	SW	6	b	987.1	*	18	-5	S	2	-	bc	3	4	227	18	*	*	*	*		
Bodø ...	981.2	32	E	2	c	977.7	-5	34	+2	SW	5	-	m	3	*	34	30	*	*	*	*		
Christiansund ...	997.3	41	W	7	c	992.6	0	36	-1	WNW	8	-	o	5	14	41	34	*	*	*	*		
Skudesnes ...	1007.3	39	ESE	2	o	1001.1	-5	39	+5	WNW	4	-</											

## 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	1-2	0.8-1.5
2	4-7	1.6-3.3
3	8-12	3.4-5.4
4	13-18	5.6-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.6
12	Above 75	33.6 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.  
g gloom.  
h hail.  
i lightning.  
m mist.  
p 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.

\* Information for these columns not usually received.

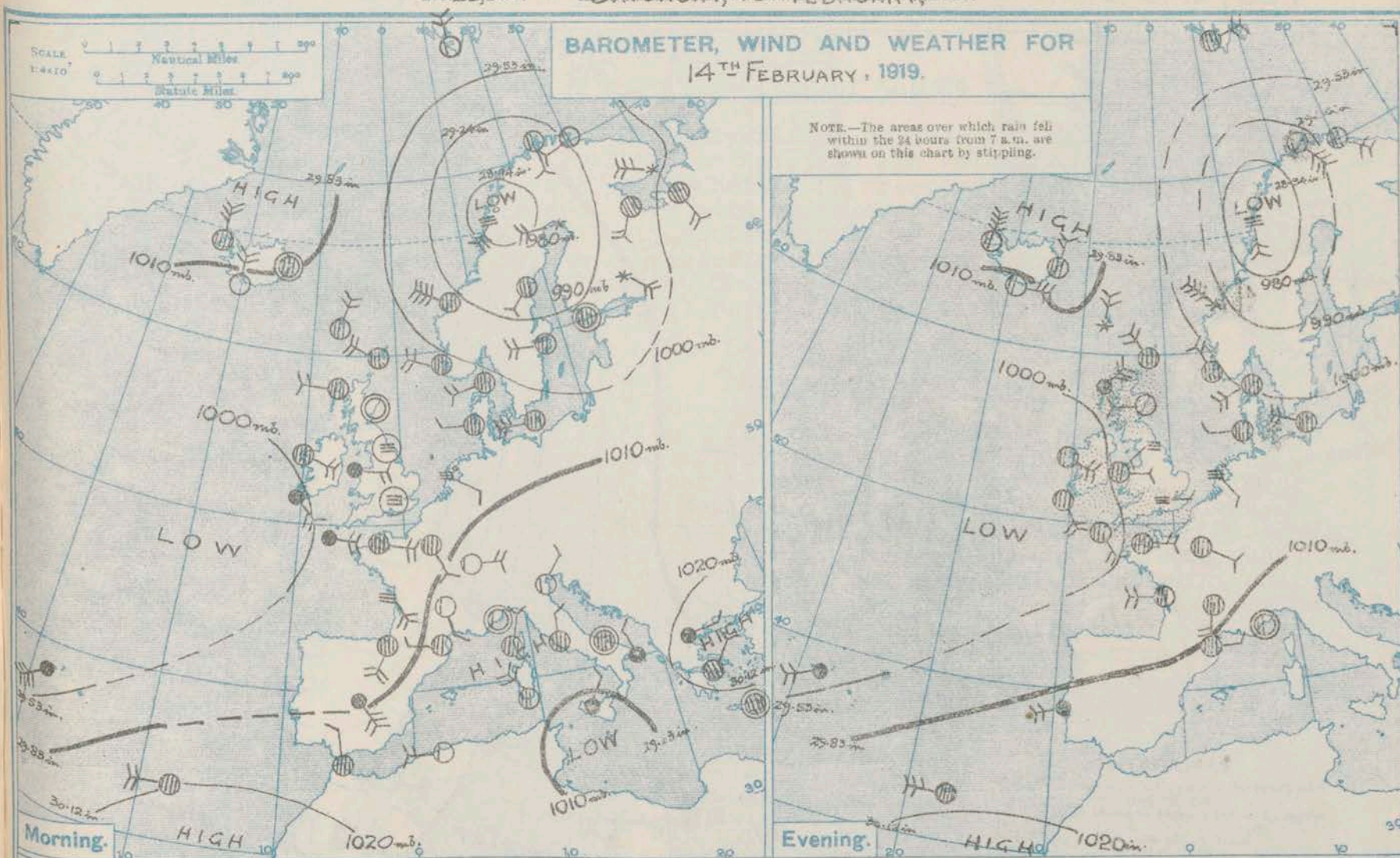
† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,904

SATURDAY, 15<sup>TH</sup> FEBRUARY, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 14<sup>TH</sup> FEBRUARY

STATIONS.	EVENING OF 13 <sup>TH</sup>					MORNING OF 14 <sup>TH</sup>										AFTERNOON OF 14 <sup>TH</sup>									
	Barom. Milli- bars at M.S.L.	TEMP.  °F.	WIND		Weather.	Barometer.		TEMP.		WIND.		Weather.	Rain- fall. Milli- metres.	TEMP.		ICELAND.	Barom. Milli- bars at M.S.L.	TEMP.		WIND.		Weather.			
			Dirac.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours. °F.	Dirac.	Force 0-12.			Max.	Min.			Dry Bulb. °F.	Change in 24 hours. °F.	Dirac.	Force 0-12.				
RUSSIA.	Orlov ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	Isafjord ...	1018.4	10	-15	N	7	c		
Kem ...	*	*	*	*	*	996.6	*	7	0	SW	3	0	?	*	*	Reykjavik	1010.7	25	-9	NNE	7	b			
Archangel	*	*	*	*	*	1001.1	-5	-4	-2	S	3	0	-	*	*	Vestmanna	1006.6	30	-6	N	4	b			
Imandra	*	*	*	*	*									*	*	Seydisfjord	1015.3	18	-14	N	2	c			
SWEDEN.	Haparanda					981.0	*	19	+5	SE	4	S	*	*	*	Thorshavn	1007.5	30	-13	N	4	0			
	Hernösand					985.5	*	36	-3	SW	2	C	*	*	*	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.									
	Stockholm					993.1	*	30	0	W	4	C	*	*	*	15 <sup>TH</sup> & 16 <sup>TH</sup> FEB 1919.		Sunrise.		Noon.		Sunset.			
	Wisby					992.4	*	36	0	WSW	6	C	*	*	*			G.M.T.		G.M.T.		G.M.T.			
	Sordovalä					993.6	*	16	+2	SE	4	S	*	*	*	Yarmouth	...	...	7.12	12.7	5.2	7.10	12.7	5.4	
Hangö					991.5	*	32	-2	WSW	3	0	*	*	*	Greenwich	...	...	7.10	12.7	5.4	7.16	12.14	5.12		
ITALY.	Venice	1018.9	37	-	0	b	1016.7	*	32	+2	NE	1	b	-	46	28	Yarmouth	...	...	7.12	12.7	5.2	7.10	12.7	5.4
	Turin	1020.2	34	-	0	b	1017.7	*	30	+2	-	0	b	-	39	28									
	Pesaro	1020.2	30	-	0	b	1017.7	*	27	+4	-	0	bc	-	41	23									
	Leghorn	1017.7	41	-	0	b	1014.7	*	39	+5	-	0	b	-	50	34	Greenwich	...	...	7.16	12.14	5.12	7.15	12.14	5.13
	Rome	1017.8	43	-	0	b	1015.1	*	32	-2	N	1	0	-	50	30									
	Viesti	1019.0	45	NW	1	0	1015.3	*	45	+2	-	0	0	-	46	32									
	Brindisi	1018.2	48	-	0	0	1015.3	*	46	+5	NW	1	r	-	55	41	Wick	...	...	7.48	12.26	5.4	7.48	12.26	5.6
	Cagliari	1015.8	45	NE	4	0	1013.1	*	43	-2	NW	4	C	36	50	37									
	Palermo	1015.5	54	-	0	0	1009.8	*	50	-2	NNE	1	r	42	59	42									
Tripoli																Valencia	...	...	7.58	12.55	5.52	7.57	12.55	5.53	

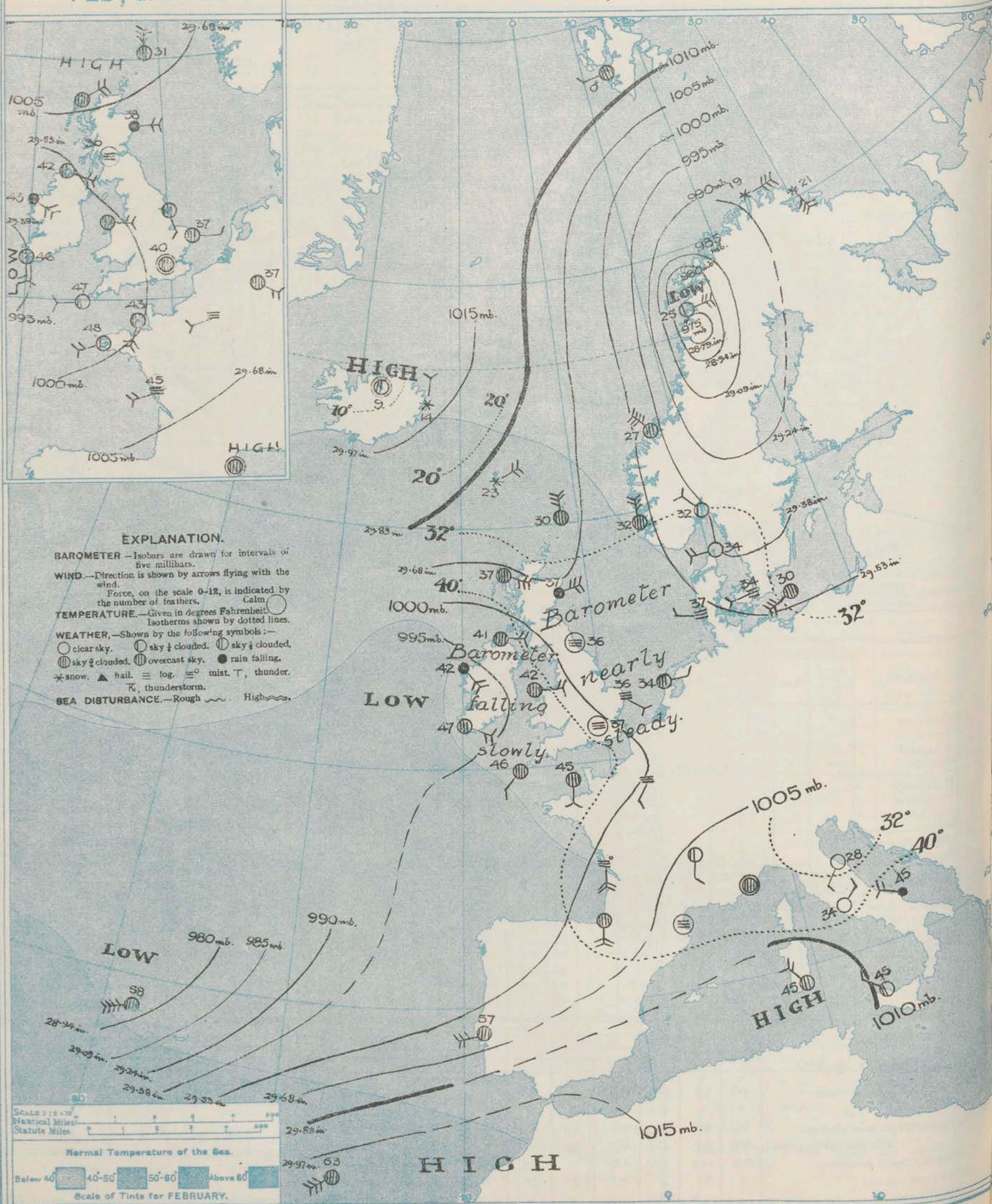
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

15 <sup>TH</sup> & 16 <sup>TH</sup> FEB 1919.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth	...	7.12	12.7	5.2
Greenwich	...	7.10	12.7	5.4
Wick	...	7.16	12.14	5.12
Valencia	...	7.48	12.26	5.4
	...	7.46	12.26	5.6
	...	7.58	12.55	5.52
	...	7.57	12.55	5.53

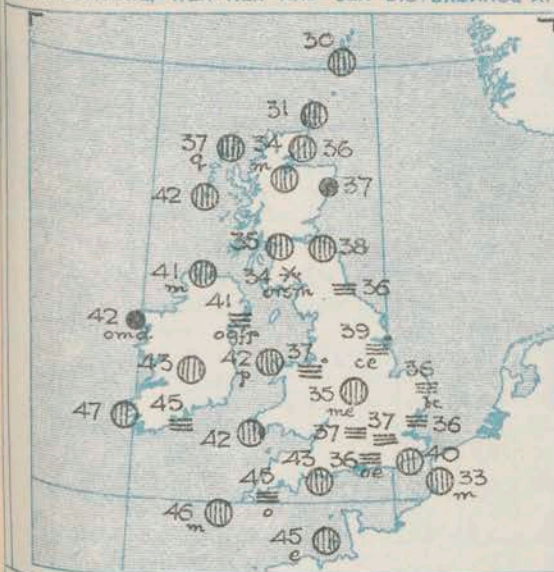
LONDON										SOUTH KENSINGTON (M.O.)									
15 <sup>TH</sup> FEBRUARY 9h. G.M.T.										Vertical Component of Solar Radiation per square Centimetre during 14 <sup>TH</sup>									
Humidity.		Sun-shine for		TEMPERATURE.			Rain-fall.		WEATHER.			Total.		Average Rate.		Max. Rate.			
15 <sup>TH</sup> h.	9 h.	14 <sup>TH</sup> h.	15 <sup>TH</sup> h.	Max. °F.	Min. °F.	Min. on Grass °F.	mm.		Morning.	Afternoon.	Night.	Joules.		Milliwatts.		Milliwatts.			
GREENWICH (Royal Observatory)	86	98	0.4	44	34	28	-	0	bx	om									
CITY (Bunhill Row)	*	*	0.0	*	*	*	*	*	*	*	*								
WESTMINSTER (St. James's Park)	86	93	0.0	46	36	28	-	*	*	*	*								
(Roof near Charing Cross)	79	92	0.0	46	38	*	-	0.5d	es.bc	bm.bef.0	*								
CAMDEN SQ. (British Rainfall)	93	100	0.0	43	32	28	TRACE	em	bc	*	*								
KENSINGTON PALACE	*	97	*	44	34	24	-	0.5	bc	*	*								
RICHMOND PARK	*	*	0.0	*	*	*	*	*	*	*	*								

15<sup>th</sup> FEB, at 1h. G.M.T.

THE MORNING OF SATURDAY, 15<sup>th</sup> FEBRUARY 1919 at 7h. G.M.T.



## TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



## NOTES.

## Notes on the Weather of the 24 hours ended 7h. Today

The temperature reached  $40^{\circ}$  nearly everywhere, and even  $50^{\circ}$  at Holyhead and Valencia. A few minima were slightly below the freezing point. Sunshine records were very bad except for  $7\frac{1}{2}$  hours at Malin Head, 5 at Castlebay, and  $4\frac{1}{2}$  at Eskdalemuir. The rainfall was nowhere heavy, but many stations in the west and along the Channel had several millimetres, the largest total being 7 mm. at Valencia and Jersey.

## The Conditions at 7h. Today

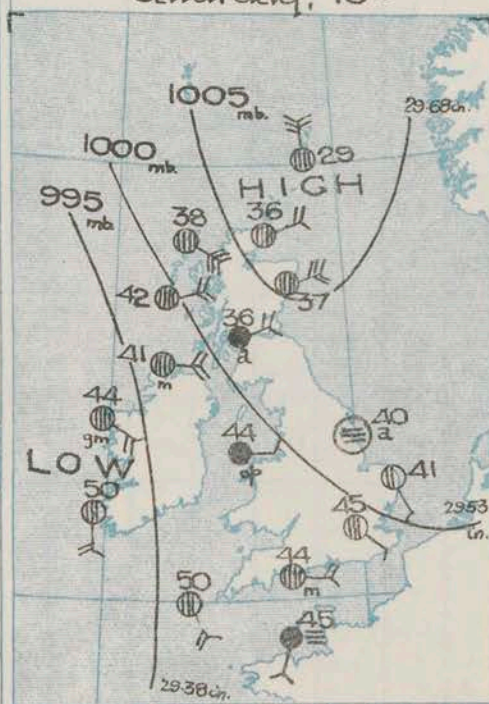
There is still a depression off south-west Ireland. An anticyclone of feeble intensity is indicated over Iceland. There is a moderate to fresh NE. wind in Scotland, but over England and Ireland the wind is for the most part light and blows from S. or SE. The sky is nearly everywhere dull, and there is much mist and fog. Rain is falling at Blacksod Point and Aberdeen, and showery conditions prevail in the region of the Irish Sea, with sleet at Eskdalemuir. The temperature is everywhere above the freezing point, except in the Orkneys and Shetlands, and is  $45^{\circ}$  or over on the south-west coasts of England and Ireland.

## The Outlook

The wind will probably be from an Easterly direction tomorrow in all districts, light or moderate generally, but fresh or even strong at times in Scotland. The weather will be fair or dull, and misty, with a low temperature. Occasional showers may be expected over the western half of England and in Ireland.

Saturday, 15<sup>th</sup>

FEBRUARY, 1919, at 13h. (1p.m.) G.M.T.



The 13h map shows little change since the morning, except that the barometer has ceased falling in the south of Ireland and in south-west England. The outlook remains the same.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1919. No. 48.

SATURDAY

15<sup>TH</sup> FEBRUARY

STATIONS.	EVENING OF 14 <sup>TH</sup> ...					MORNING OF 15 <sup>TH</sup> ...										24 HOURS ENDED 7 H. 15 <sup>TH</sup> ...					Sun- shine for 14 <sup>TH</sup> Hours.	
	Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
			Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 2 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	1004.4	32	NW	4	o	1006.5	0	30	-9	N	5	-	o	4	-	39	29	c	c	o	*
	Houton B. (Orkney) ...	1004.0	34	NNE	5	b	1006.9	+1	31	-10	NNE	3	*	o	2	x	42	31	ce	ds	oq	*
	Stornoway ...	1004.0	43	NE	5	odpq	1003.4	0	37	-4	ESE	5	-	oq	4	1	45	36	o	odpq	oq	0.1
	Castlebay (Barra Isd.) ...	1002.5	41	E	2	bm	1000.1	-1	42	+1	E	4	-	o	4	-	45	40	bc.bm	bm	bcm.o	5.1
	Glasgow ...	1003.0	39	ENE	2	bcm	1001.8	0	35	+1	ENE	3	-	o	x	0.1	39	31	form.m	mc.bcm	bx.op	0.0
	Eskdalemuir ...	1003.0	35	-	0	bx	1001.4	-1	34	+4	NE	4	-	or.sm	x	1	45	30	o.c.bcy	byz.bx	bx.om	4.6
	Malin Head ...	999.3	42	ESE	3	bcm	997.0	-1	41	+4	E	3	-	om	3	-	45	37	bm	bm	om	7.4
	Blacksod Point ...	997.6	44	ESE	4	omg	994.3	-2	42	+2	SE	4	-	omd	3	3	45	39	omg	omg	om.omr	0.0
	Valencia (Cabiriveen) ...	994.7	47	SE	4	o	991.5	-3	47	-1	ESE	3	-	c	3	7	50	45	or	or	or.c	0.0
	Roche's Point ...	997.0	46	SE	4	mr	994.2	-1	45	-1	SE	3	-	f	3	6	46	44	dmo	om.dr	of	*
	Birr Castle ...	998.0	46	E	1	r	994.9	*	43	0	E	1	-	o	x	5	47	42	o	or	ore	0.0
	Donaghadee ...	1001.8	42	SE	3	of	998.7	-1	41	+2	ESE	4	-	ogfp	4	0.1	44	37	bf	bf	of	*
	Liverpool (Bidston) ...	1001.7	40	SE	3	m	998.5	-2	37	+3	SE	2	-	m	2	0.2	43	34	p.om	a.cm	od	0.1
	Holyhead ...	1000.6	44	E	2	cm	996.7	-1	42	+2	E	3	-	op	1	0.2	50	39	o.c.bcp	bc.c	cm.op	1.2
	Pembroke (St. Ann's) ...	999.8	42	E	3	m	995.6	?	42	0	ESE	3	-	o	3	4	43	41	of	om	orm.f	0.0
NORTHERN EUROPE.	Scilly (St. Mary's) ...	998.5	48	SSE	3	c	996.1	-1	46	-1	SW	1	-	om	3	4	49	45	omdo	o.cp	cp.omp	0.0
	Falmouth ...	999.5	45	SE	3	odm	996.2	-2	45	-1	-	0	-	of	x	5	47	44	odm	om.odm	rmge	0.0
	Jersey (St. Aubin) ...	1001.3	43	E	3	o	997.3	-1	45	+2	S	2	-	oe	1	7	45	42	edm	odmo	ome.oe	0.0
	Portland Bill ...	1000.5	42	E	3	o	996.9	-2	43	-1	ESE	4	-	o	4	2	44	41	or	o	op	x
	Dungeness ...	1002.6	41	SSE	3	c	999.9	-1	40	0	S	2	-	c	3	0.2	44	40	c.bc	bc.c	c.pc	*
	Wick ...	1004.2	41	NE	4	r	1005.8	0	36	-1	NE	3	-	o	3	0.3	42	35	omg.cm	c.omp	omg	*
	Nairn ...	1003.7	37	-	0	om	1004.5	*	34	0	E	1	-	om	1	4	42	31	og	ogpm	rom	1.0
	Aberdeen ...	1003.8	38	W	2	bx	1004.2	0	37	+3	ENE	5	-	r	4	1	43	34	c.bcz	bc.bx	bx.odp	1.6
	Leith ...	1003.0	37	NE	1	b	1001.4	0	38	+3	NE	3	-	o	3	0.3	40	34	om.o.c	cx.c.b	bx.b.ga	*
	Tynemouth ...	1002.7	37	WSW	1	f	1000.7	?	36	+2	-	0	-	f	3	-	41	33	f	f	f	*
	Spurn Head ...	1004.1	38	SSE	1	om	1001.2	-1	39	+4	SSE	1	-	cm	2	-	39	33	om	om	cm	0.0
	Yarmouth (Gorleston) ...	1004.3	38	NE	1	c	1001.8	-1	36	+4	SE	2	-	bcf	1	-	40	32	omx.cm	cm	cm.bcm	0.0
	Clacton-on-Sea ...	1003.2	39	ESE	2	bc	1000.2	-1	36	-2	N	2	-	f	0	0.4	43	35	o.cm	c.bcm	om.bcf	1.0
	Nottingham ...	1002.9	38	E	1	o	1000.0	*	35	+3	E	1	-	ome	x	0.2	40	31	om	opm	om.c	0.0
	Benson (Oxon.) ...	1002.2	38	-	0	o	998.9	-2	37	+2	-	0	-	f	x	-	45	35	om.b	om	dm	*
St. Farnborough ...	*	*	SE	1	om	1000.0	0	36	+2	ESE	2	-	oge	x	0.1	46	34	gom	om	om.oge	0.1	
Salisbury Plain ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
London (Kew Obsv.) ...	1002.6	40	E	1	f	997.0	0	37	+3	-	0	-	f	x	TRACE	43	33	f	f	f.bf.c	0.0	
FRANCE, &c.	Isafford ...	1018.9	10	N	8	bc	1018.1	+1	15	0	N	6	-	bc	x	*	*	*	*	*	*	
	Reykjavik ...	1009.1	23	NNE	5	b	1007.1	0	13	-3	N	1	-	s	x	*	*	*	*	*	*	
	Vestmanna ...	1006.9	32	E	5	bc	1008.0	-1	26	+1	NE	9	-	bc	1	*	*	*	*	*	*	
	Seydisfjord ...	1015.8	16	N	3	c	1016.4	-1	14	-3	N	2	-	s	x	*	*	*	*	*	*	
	Thorshavn ...	1007.7	30	N	4	s	1009.2	0	23	-7	NE	4	-	s	x	*	*	*	*	*	*	
	Spitsbergen ...	1007.8	-2	E	4	o	1013.2	+2	0	?	W	1	-	o	x	*	0	-9	*	*	*	
	Vardö ...	992.0	25	SE	4	c	991.9	+2	21	+3	S	5	-	s	4	x	25	16	*	*	*	
	Gjesvær ...	988.2	19	SE	6	b	991.7	*	219	+1	E	6	-	s	4	2	21	16	*	*	*	
	Bodö ...	973.2	36	S	4	m	975.8	+3	25	-9	E	5	-	b	2	x	36	23	*	*	*	
	Christiansund ...	994.7	32	NW	8	s	998.4	+2	27	-9	NW	7	-	c	5	6	36	23	*	*	*	
IBERIA, &c.	Skudesnaes ...	1000.4	36																			

## 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	1.6-3.2
3	8-12	3.4-5.4
4	13-18	5.5-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 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.  
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.

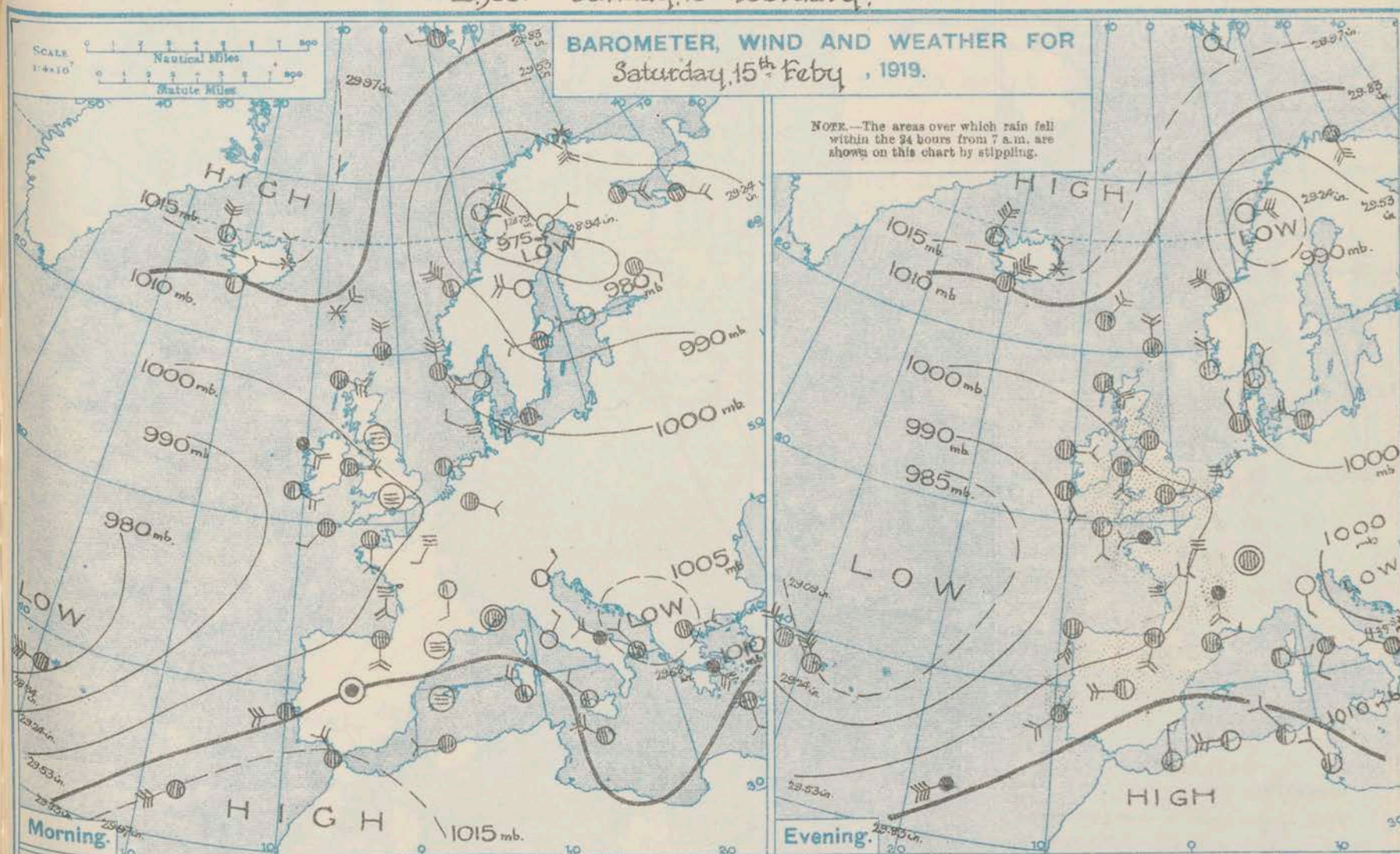
\* Information for these columns not usually received.

† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20905. Sunday, 16<sup>th</sup> February, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 15<sup>TH</sup> FEBRUARY

STATIONS.		EVENING OF...14 <sup>TH</sup> .....					MORNING OF...15 <sup>TH</sup> .....										AFTERNOON OF...15 <sup>TH</sup> .....																															
		BAROM. Milli- bars at M.S.L.	TEMP.  ° F.	WIND		Weather.	BAROMETER.		TEMP.		WIND.		Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.		Weather.																										
				Dirac.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours. ° F.	Dirac.	Force 0-12.		Weather.	Max.			Min.	Dry Bulb. ° F.	Change in 24 hours. ° F.	Dirac.		Force 0-12.																									
RUSSIA.	Orlov ...	*	*	x	*	*			*	*					* F.	* F.	Isafjord ...	1017.2	16	+4	NNE	7	C																									
	Kem ...	x	x	x	x	x								x	x	Reykjavik								1010.1	25	0	-	0	S																			
	Archangel	x	x	x	x	x	989.1	+1	-2	+2	SE	3	0	-	x															x	Vestmanna	1008.4	27	-3	NE	9	C											
	Imandra	x	x	x	x	x								x	x															Seydisfjord								1016.7	18	0	N	1	C					
																																												Thorshavn	1009.5	27	-3	NE
SWEDEN.	Haparanda						981.2	*	10	-9	NE	2	S	*	*	*	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM	16 <sup>TH</sup> 17 <sup>TH</sup> FEB 1919.	Sunrise.	Noon.	Sunset.																											
	Hernösand						986.0	*	25	-11	W	4	b	*	*	*						Yarmouth ...	Y. 10 Y. 8	12.7 12.7	5.4 5.6																							
	Stockholm						989.5	*	25	-5	W	2	0	*	*	*										Greenwich ...	Y. 15 Y. 13	12.14 12.14	5.15 5.15																			
	Wisby						? 992.6	*	36	0	WSW	6	bc	*	*	*														Wick ...	Y. 46 Y. 44	12.26 12.26	5.6 5.8															
	Sordovalä						980.0	*	21	+5	SE	1	a	*	*	*																		Valencia ...	Y. 57 Y. 55	12.55 12.55	5.8 5.5											
Hangö						987.7	*	30	-2	WNW	2	0	*	*	*																																	
ITALY.	Venice	1011.3	32	SW	1	b	1009.3	x	32	0	NE	1	b	-	46	30	Yarmouth ...	Y. 10 Y. 8	12.7 12.7	5.4 5.6																												
	Turin	1011.8	37	S	3	c	1009.3	x	30	0	-	0	b	-	45	30					Greenwich ...	Y. 15 Y. 13	12.14 12.14	5.15 5.15																								
	Pesaro	1012.3	36	-	0	c	1009.0	x	28	+1	SW	1	b	-	43	27									Wick ...	Y. 46 Y. 44	12.26 12.26	5.6 5.8																				
	Leghorn	1008.6	43	-	0	b	1005.3	x	30	-9	-	0	c	-	52	30													Valencia ...	Y. 57 Y. 55	12.55 12.55	5.8 5.5																
	Rome	1009.5	43	NE	1	bc	1008.2	x	34	+2	NE	1	b	-	50	32																	Yarmouth ...	Y. 10 Y. 8	12.7 12.7	5.4 5.6												
	Viesti	1011.1	45	WNW	1	r	1005.8	x	45	0	WNW	3	r	5	46	32																					Greenwich ...	Y. 15 Y. 13	12.14 12.14	5.15 5.15								
	Brindisi	1007.7	48	WNW	1	r	1004.3	x	48	+2	WNW	2	0	-	57	46																									Wick ...	Y. 46 Y. 44	12.26 12.26	5.6 5.8				
	Cagliari	1014.3	48	NW	4	c	1014.5	x	45	+2	NW	3	c	-	54	37																													Valencia ...	Y. 57 Y. 55	12.55 12.55	5.8 5.5
	Palermo	1006.2	50	NNW	1	0	1009.4	x	48	-2	WNW	1	bc	12	50	45																																
Tripoli																																																

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

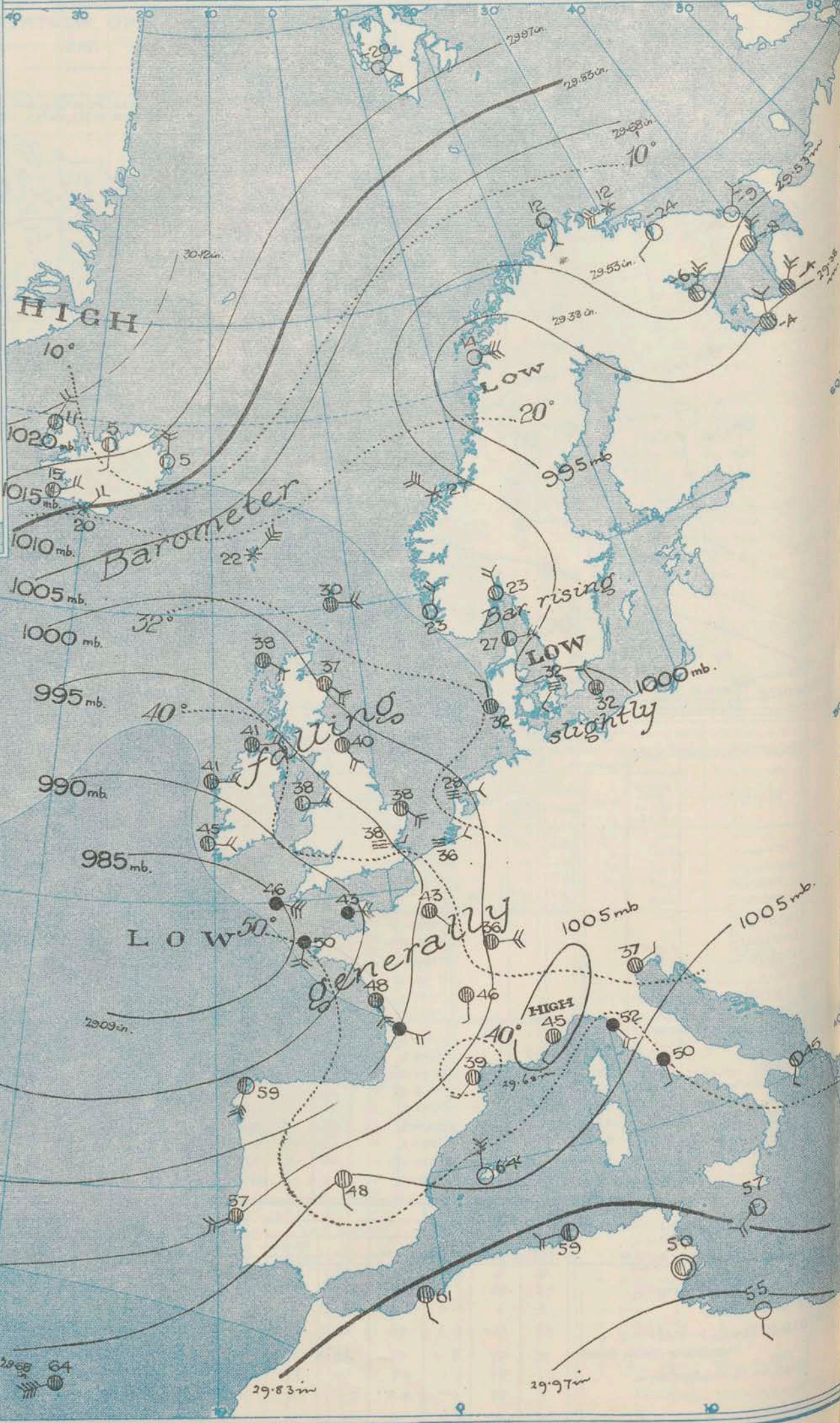
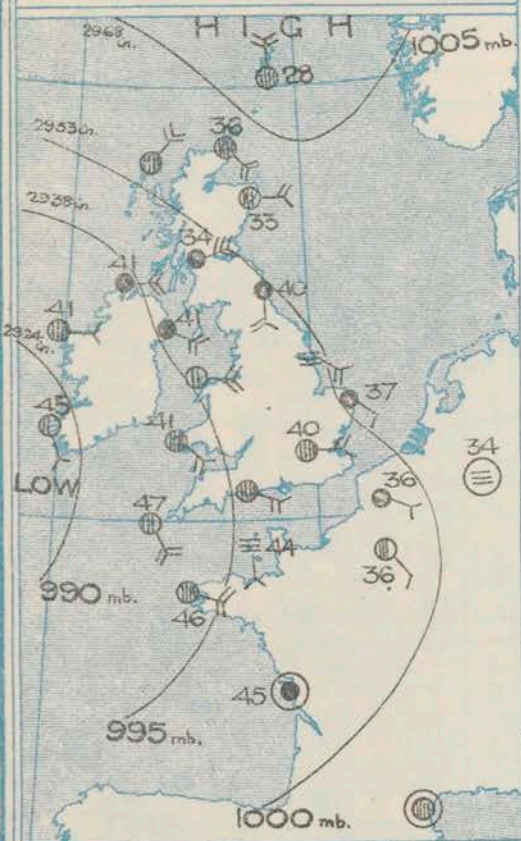
16 <sup>th</sup> & 17 <sup>th</sup> FEB 1919.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	7.10	12.7	5.4
Greenwich	7.8	12.7	5.6
	7.15	12.14	5.13
Wick	7.46	12.26	5.6
	7.44	12.26	5.8
Valencia	7.57	12.55	5.53
	7.55	12.55	5.55

LONDON		HUMIDITY.		Sun-shine for 15 <sup>th</sup>	TEMPERATURE.				WEATHER.		
16 <sup>th</sup> FEBRUARY 9h. G.M.T.	15 <sup>th</sup>	16 <sup>th</sup>	15 <sup>th</sup>		Max. °F.	Min. °F.	Min. on Grass °F.	Rain-fall. mm.	Morning.	Afternoon.	Night.
GREENWICH (Royal Observatory)	98	96	1.3	46	37	37	TRACE	0.0	0	0	odg
CITY (Bunhill Row)	x	x	0.0	x	x	x	x	x	x	x	x
WESTMINSTER (St. James's Park)	88	100	0.3	46	38	31	0.3	x	x	x	x
" (Roof near Charing Cross)	75	97	0.0	46	38	x	0.3	0.5	0.5	0.5	od.05
CAMDEN SQ. (British Rainfall)	-	99	0.0	45	36	32	TRACE	f	0	0	x
KENSINGTON PALACE	x	95	x	44	37	34	-	0	0	0	x
RICHMOND PARK	x	x	1.3	x	x	x	x	x	x	x	x

SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during 15 <sup>th</sup>		
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
246	6.9	21

10<sup>th</sup> FEB, at 1h. G.M.T.

THE MORNING OF SUNDAY, 16<sup>th</sup> FEBRUARY 1919 at 7h. G.M.T.



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. Calm.

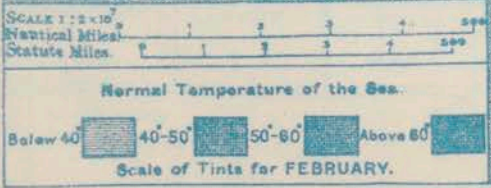
TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

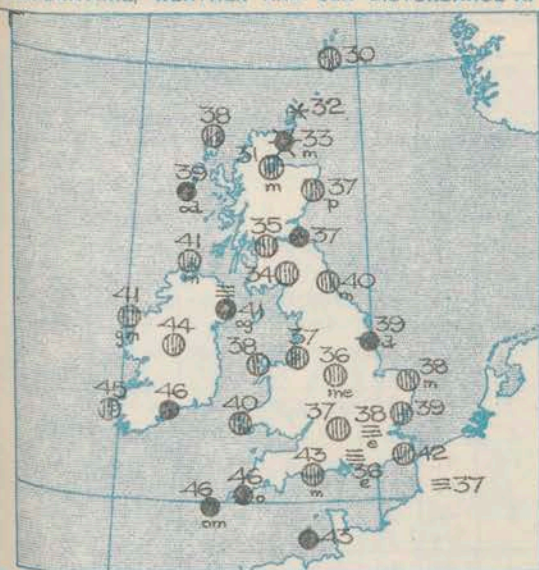
WEATHER.—Shown by the following symbols:—

○ clear sky. ○ sky & clouded. ○ sky & clouded. ○ sky & clouded. ○ overcast sky. ● rain falling.

\* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder. K, thunderstorm.

SEA DISTURBANCE.—Rough. High.





## NOTES.

## Notes on the Weather of the 24 hours ended 7h. Today

Temperature was somewhat lower over the greater part of Scotland, the maximum readings being below  $40^{\circ}$ , only  $30^{\circ}$  at Lerwick. Sleet or snow, generally in small quantities, fell in the same region. Over the rest of the British Isles milder conditions with rain were experienced. The maximum temperatures were generally above  $40^{\circ}$ , the highest being  $51^{\circ}$  at Valencia. Small measurements of rain were general, but a few scattered stations experienced larger falls, 13 mm. being recorded at Leith and 14 mm. at Donaghadee. Except in the extreme north-west and on the coast of East Anglia, the day was sunless.

## The Conditions at 7h. and Subsequent Developments

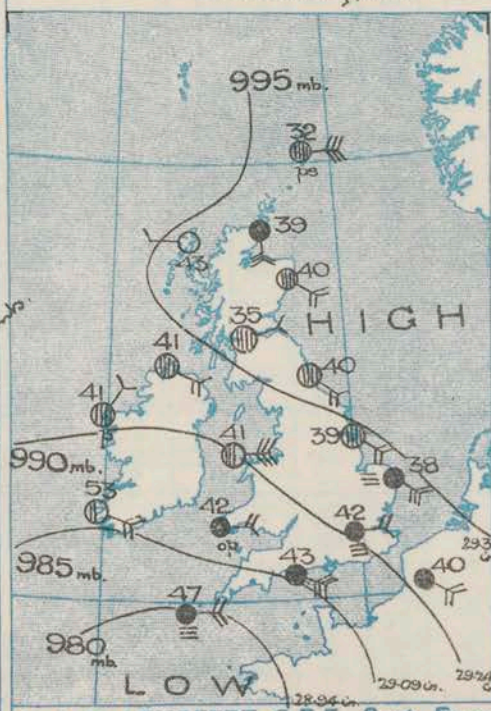
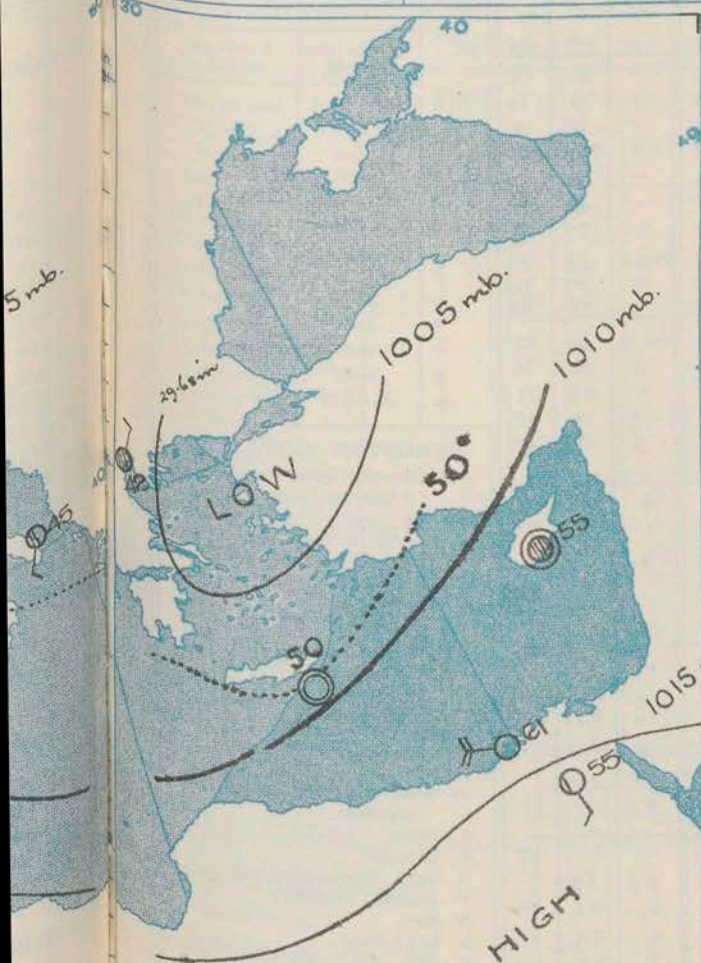
At 7h. the depression that had been off our south-west coasts for the past few days was making a more definite advance eastwards. The barometer was falling over the whole of the British Isles, the rate of fall being greatest at the Mouth of the Channel.

Winds from E. or SE. prevailed over the British Isles, mainly moderate in force, but strong at Scilly and in the Orkneys. The weather was dull, with much mist or fog, and local rain. Sleet or snow was falling in the extreme north of Scotland. Temperatures near the freezing point were reported in this region, and at most English stations they were below  $40^{\circ}$ , increasing to  $46^{\circ}$  in Cornwall and the south of Ireland.

At 13h. the fall of the barometer had increased over the English Channel and rain was falling from Scilly to Yarmouth and also in NE. France. There was at the same time an increase in the strength of the wind at nearly all the English stations.

Sunday, 16<sup>th</sup>

FEBRUARY, 1919, at 13h. (1p.m.) G.M.T.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1919. No. 47. Sunday February 16<sup>th</sup>

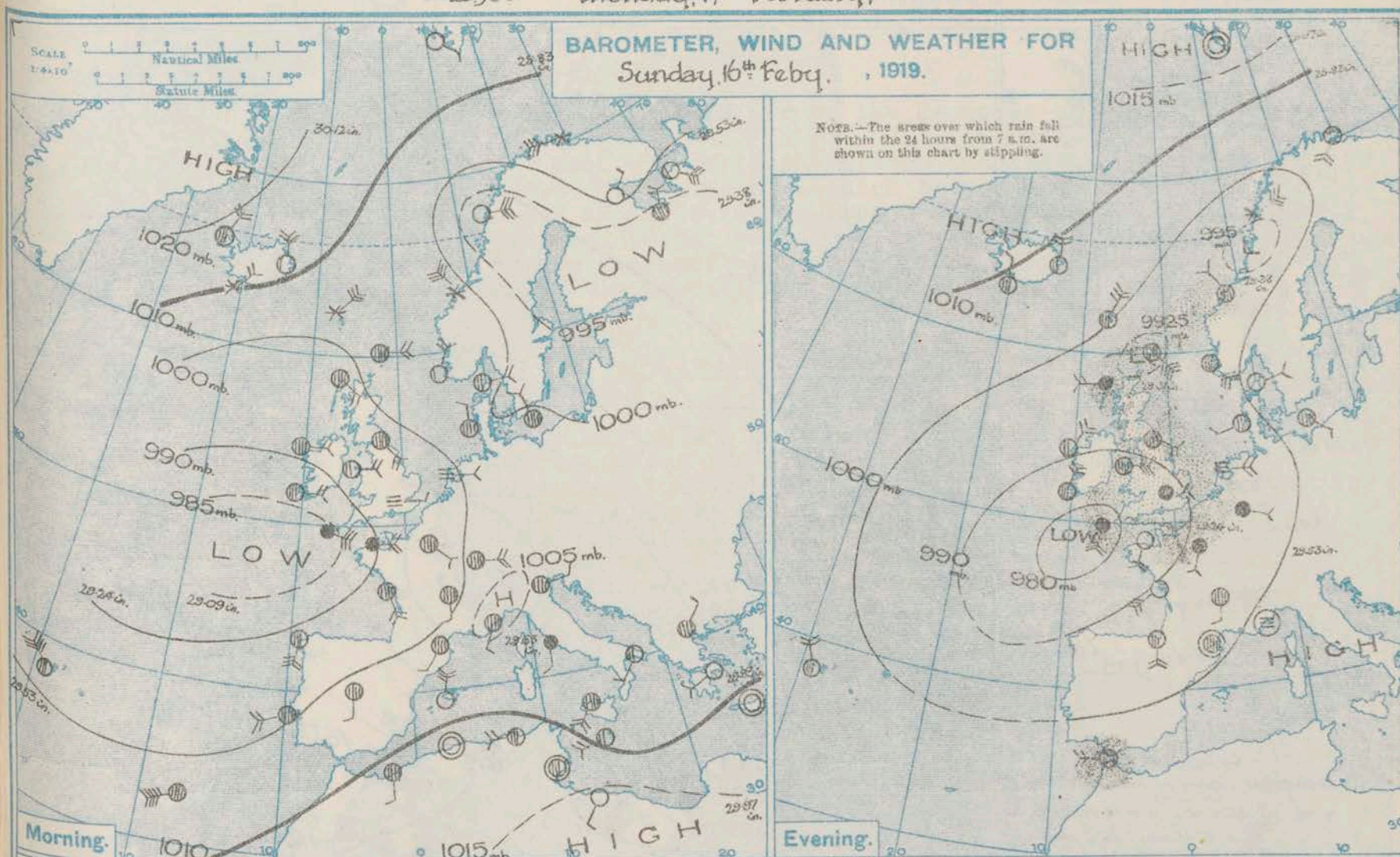
STATIONS.		EVENING OF 15 <sup>th</sup>					MORNING OF 16 <sup>th</sup>										24 HOURS ENDED 7 h. 16 <sup>th</sup>							Sun- shine for 15 <sup>th</sup>
		Barom. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 2 hours.	TEMP. Dry Bulb.	Change in 2 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
				Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick	1008.6	28	N	4	0	1008.6	-3	30	0	E	4	-	o	3	-	30	27	o	o	o	Hours		
	Houton B. (Orkney)	1006.6	31	E	5	o	999.8	-4	32	+1	SE	7	*	S	*	*	36	30	c	of	s	*		
	Stornoway	1002.1	37	ESE	6	og	997.2	-3	38	+1	SE	3	-	o	2	1	38	36	og	og	o	0.0		
	Castlebay (Barra Isd.)	999.4	41	E	4	o	996.3	0	39	-3	E	3	-	od	4	3	43	38	op.o	o	or.od	0.1		
	Glasgow	1001.6	33	ENE	4	oms	997.3	-2	35	0	ENE	3	-	o	*	11	36	32	om.d.p	om.d.s	s.op	0.0		
	Eskdalemuir	1000.9	36	NE	1	om	996.7	-3	34	0	ENE	3	-	o	*	3	36	33	om.or.sh	om.d.m	om.ad.m	0.0		
	Malin Head	998.2	40	E	5	om.g.d	993.2	-1	41	0	ESE	3	-	om	4	2	43	39	om.g	om.g.d	om	0.0		
	Blacksod Point	993.9	43	E	2	ogm	990.9	-3	41	-1	E	3	-	ogm	3	-	45	40	ogm	om.g	om.ong	*		
	Valencia (Cabiriveen)	990.3	48	SSE	3	o	986.7	-2	45	-2	E	3	-	o	3	-	51	45	c	c.o.c	om.ong	1.4		
	Roche's Point	992.7	45	SE	3	ome	988.5	-1	46	+1	SE	4	-	r	4	2	49	44	fo.c.o	od.me	o.c.or	*		
	Birr Castle	993.1	46	SE	1	r	989.9	*	44	+1	NE	1	-	o	*	1	48	43	o	od.o	od.o	0.0		
	Donaghadee	996.7	41	ESE	5	ogfgr	994.0	-1	41	0	ESE	4	-	ogfr	4	14	42	39	ogfp	ofjo	ogfr	*		
	Liverpool (Bidston)	997.8	40	SE	2	m	993.9	-3	37	0	ESE	3	-	o	2	1	41	36	pjom	pem	op	0.0		
	Holyhead	996.2	41	S	3	omg	992.2	-3	38	-4	E	3	-	bc	2	8	44	38	opm	opm	op.bcm	0.0		
	Pembroke (St. Ann's)	996.0	42	SE	3	om	990.6	?	40	-2	E	3	-	o	3	1	44	39	of.d	om	om.of	0.4		
	Scilly (St. Mary's)	995.0	48	S	2	c	984.9	-5	46	0	ESE	6	SE	om.r	4	1	51	44	om.f.c	bc.om.c	c.e.p.or	2.4		
	Falmouth	995.4	46	SSE	3	om	987.2	-8	46	+1	E	4	-	om	*	2	49	44	cmv.bcm	bcm.cm	c.od.or	2.3		
	Jersey (St. Aubin)	996.7	46	W	2	r	989.8	-2	43	-2	E	4	-	r	3	9	48	42	oe.omr	omr.ed	fe.or	0.3		
	Portland Bill	996.4	43	E	3	m	990.8	-4	43	0	E	4	-	om	4	1	45	43	opm	omd	omd	*		
	Dungeness	998.8	43	E	3	c	994.4	-4	42	+2	SSE	3	-	o	3	1	46	40	c.b	bc	c.ov.o	*		
	Wick	1005.6	36	E	4	o	1000.6	-3	33	-3	SSE	4	-	omr.s	4	1	37	33	omg	o	om.r.s	*		
	Nairn	1004.2	33	ESE	2	ops	998.6	*	31	-3	E	1	-	om	1	3	35	31	cg	c.ops	os	0.0		
	Aberdeen	1004.9	37	ENE	5	o	1000.1	-3	37	0	SE	4	-	op	4	1	37	34	osh.p	osh.p	om.s.p	0.0		
	Leith	1001.4	37	E	4	r	997.6	-1	37	-1	E	3	-	r	3	13	40	36	or.o	r	om.s.p	*		
	Tynemouth	1000.8	41	SW	2	om	997.2	?	40	+4	SSE	3	-	om	3	2	42	36	f	om	omr.om	*		
Spurn Head	1000.5	40	SE	3	f	996.9	-2	39	0	ESE	4	-	od	4	1	40	37	of.d	fcm.f	od	0.0			
Yarmouth (Gorleston)	1001.7	38	-	0	c	998.7	-2	38	+2	SE	4	-	om	4	1	42	35	bcf	bcf.c	omr.om	2.0			
Clacton-on-Sea	1000.0	40	E	3	o	995.4	-4	39	+3	ESE	4	-	o	3	0.3	42	34	bcf.cm	c.om	om.g.p	0.4			
Nottingham	999.7	37	E	1	dm	995.5	*	36	+1	ENE	2	SE	om.c	*	0.3	38	34	om	om	om.g.p	0.0			
Benson (Oxon.)	998.4	39	NNE	2	o	993.3	-2	37	0	E	1	-	o	*	-	42	36	om	om	om	*			
Sth Farnborough	*	*	E	2	om	993.2	-4	36	0	ENE	2	-	of.e	*	1	43	36	f.om	or.om	or.fe	0.0			
Salisbury Plain	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
London (Kew Obsy.)	998.6	42																						

## 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	1.0

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20906. Monday, 17<sup>th</sup> February, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 16<sup>TH</sup> FEBRUARY.

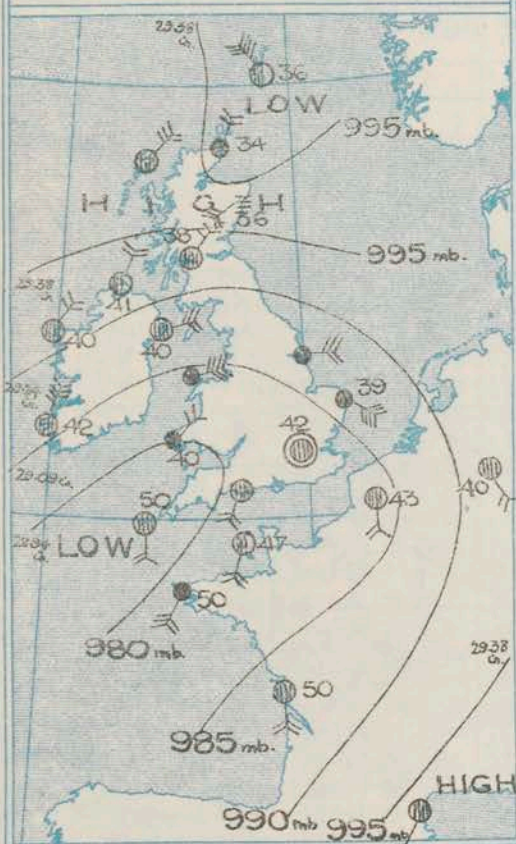
STATIONS.	EVENING OF 15 <sup>TH</sup>					MORNING OF 16 <sup>TH</sup>										AFTERNOON OF 16 <sup>TH</sup>						
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND		Weather.	BAROMETER.		TEMP.		WIND.		Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.			
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.		Weather.	Max.			Min.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.	Weather.
		*F.						*F.	*F.					*F.	*F.		*F.	*F.				
RUSSIA.																						
Orlov ...	x	x	x	x	x	101.1	x	-9	?	NE	3	r	?	x	x	Isafjord ...	101.5	10	-6	NE	3	c
Kem ...	x	x	x	x	x	998.3	?	-2	?	NE	6	o	?	x	x	Reykjavik	101.3	16	-9	E	2	b
Archangel	x	x	x	x	x	993.7	+5	-4	-2	NE	3	o	1	x	x	Vestmanna	100.5	20	-7	N	2	c
Imandra	x	x	x	x	x									x	x	Seydisfjord	101.6	9	-9	N	4	b
SWEDEN.																Thorshavn	100.5	21	-6	NNE	6	s
Haparanda							x						x	x	x	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM						
Hernösand							x						x	x	x							
Stockholm							x						x	x	x	17 <sup>TH</sup> 218 <sup>TH</sup> FEB 1919.						
Wisby ...							x						x	x	x							
Sordovala							x						x	x	x							
Hangö ...							x						x	x	x							
ITALY.																						
Venice ...	1005.9	39	S	1	b	1004.6	x	37	+5	ENE	1	o	-	45	32							
Turin ...	1006.3	39	-	0	b	1006.7	x	36	+6	-	0	c	-	?	?							
Pesaro ...	998.6	36	S	2	bc	1004.7	x	37	+9	-	0	o	-	45	28							
Leghorn	1007.4	52	NE	2	o	1003.1	x	52	+22	SSE	3	r	1	54	30							
Rome ...	1008.7	48	SSW	1	o	1007.0	x	50	+16	S	1	r	1	54	34							
Viesti	1008.5	41	WNW	2	b	1007.3	x	46	+1	SW	1	bc	-	46	32							
Brindisi	1007.8	52	WNW	3	o	1008.5	x	45	-3	SSW	1	bc	17	52	45							
Cagliari							x															
Palermo	1009.7	52	-	0	bc	1009.8	x	57	+9	SSW	4	o	-	63	45							
Tripoli	1016.3	55	SSW	2	b	1017.4	x	55	?	SSW	1	b	-	?	48							

LONDON	HUMIDITY.		Sun-shine for 12 h.	TEMPERATURE.				Rain-fall. mm.	WEATHER.		
	15 h.	9 h.		Max.	Min.	Min. on Grass.			Morning.	Afternoon.	Night.
17 <sup>TH</sup> FEBRUARY 9h. G.M.T.	16 <sup>TH</sup>	17 <sup>TH</sup>	16 <sup>TH</sup>	°F.	°F.	°F.					
GREENWICH (Royal Observatory)	98	96	0.0	47	38	37	13	od	or	o	
CITY (Bunhill Row)	x	x	0.0	x	x	x	x	x	x	x	
WESTMINSTER (St. James's Park)	99	96	0.0	48	38	35	13	x	x	x	
" (Roof near Charing Cross)	94	94	0.0	49	39	x	12	ofr	omr	omr	
CAMDEN SQ. (British Rainfall)	-	99	0.0	47	37	32	16	od	or	x	
KENSINGTON PALACE	x	97	x	47	39	37	15	or	or	x	
RICHMOND PARK	x	x	0.0	x	x	x	x	x	x	x	

SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during 16 <sup>TH</sup>		
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
124	3.4	6

17<sup>th</sup> FEB, at 1h. G.M.T.

THE MORNING OF MONDAY, 17<sup>th</sup> FEBRUARY 1919 at 7h. G.M.T.



**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. Calm.

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—

○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.

○ sky 4/4 clouded. ○ overcast sky. ● rain falling.

\* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.

**SEA DISTURBANCE.**—Rough. High.



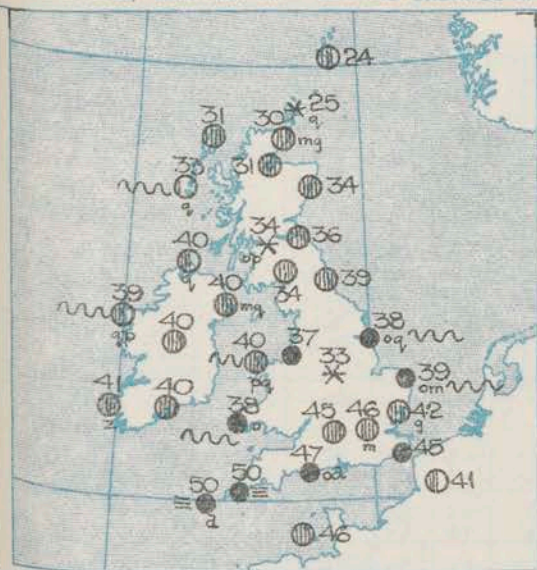
SCALE 1:250,000  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea.

Below 40° 40°-50° 50°-60° Above 60°

Scale of Tints for FEBRUARY.

## TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



## NOTES.

## Notes on the Weather of the 24 hours ended 7h. Today

Much rain fell in eastern and southern England and the Midlands, the precipitation being heaviest at Falmouth where 28 mm. were measured. Sunshine was almost entirely confined to the western districts where 3 hours or more were registered at some stations. Except in the extreme north temperature was moderate or rather mild.

## The Conditions at 7h. Today

An extensive low pressure system centred off the Mouth of the English Channel continues to influence the British Isles and France. A less important depression lies over the west coast of Scandinavia. In the Icelandic region pressure has fallen considerably but remains relatively high. Winds are light to moderate from S. over France and Southern England, but a fresh to strong Nely. current is blowing over Ireland, Scotland and that part of England to northward of a line drawn from the Mouth of the Severn to the Wash.

Rain is falling at many of the English stations while snow is reported in Scotland, Iceland, the Farøe, Scandinavia and at Nottingham.

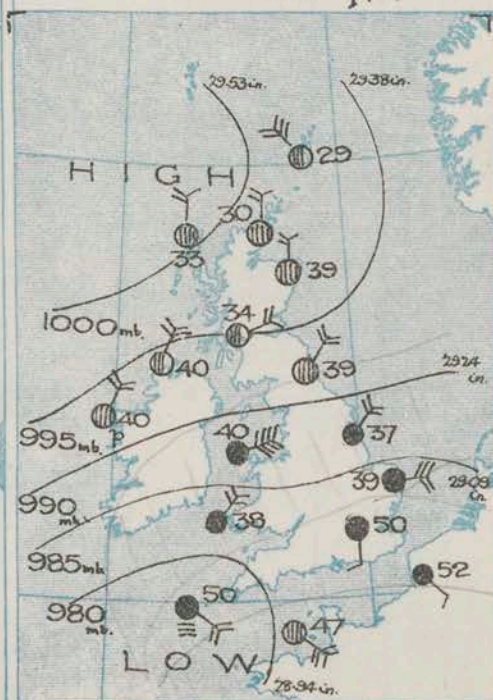
## The Outlook

The low pressure system in the south is moving very slowly eastward and will probably maintain a general Ely. or Nely. wind current over the greater part of these Islands. Weather is likely to continue unsettled while a fall of temperature will probably occur in the south.

E. G. 13.

Monday, 17<sup>th</sup>

FEBRUARY, 1919, at 13h. (1p.m.) G.M.T.



Little change in the general situation has occurred since this morning. The depression off the Mouth of the Channel now appears to be filling up.

STATIONS.		EVENING OF...16 <sup>th</sup> ...					MORNING OF...17 <sup>th</sup> ...										24 HOURS ENDED 7 h...17 <sup>th</sup>					Sun- shine for 16 <sup>th</sup>
		Barom. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-3.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
		F.	F.	Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	F.	F.	Direc.	Force 0-12.				F.	F.				Hours.	
BRITISH ISLANDS.	Lerwick ...	992.0	33	SE	7	ops	996.8	+3	24	-6	NNW	5	N	C	4	2	37	22	ops	ops	C	*
	Houton B. (Orkney)	993.2	35	WSW	3	o	998.2	+2	25	-7	NNE	3	*	Sq	3	*	37	25	o.d	oz	Cq	*
	Stornoway ...	993.7	40	W	3	op	998.4	+1	31	-7	NNE	4	-	o	3	1	44	30	o.b	b.op	oq	96.0
	Castlebay (Barra Isd.)	993.9	40	NNE	2	o	996.3	+1	33	-6	NNE	5	-	bq	5	1	42	32	d.o	o	o.c.p.bq	0.0
	Glasgow ...	994.3	35	ENE	2	om	993.7	+1	34	-1	ENE	3	-	osp	*	1	37	34	omdp	om	o.c.osp	0.0
	Eskdalemuir ...	993.0	36	NNE	2	om	991.6	+1	34	0	NE	5	-	o	*	-	38	33	o.rs.om	om	om.oq.op	0.2
	Malin Head ...	991.7	41	ENE	4	cm	991.5	0	40	-1	NE	5	E	o	*	-	41	39	om	om	Cq	0.0
	Blackrod Point	990.0	41	NE	4	bcm	991.6	0	39	-2	NNE	6	N	Cq.p	5	2	42	38	omp	cm	om.Cq.p	*
	Valencia (Cabrillovean)	985.0	43	NNE	5	CX	987.7	+3	41	-4	NE	6	-	o	*	-	49	41	c.bc.c	c.bc.c	C.o	3.5
	Roche's Point	984.6	43	NE	4	ox	983.9	0	40	-6	NNE	5	-	o	4	0.1	46	40	dpk	ox	o.c.o	*
	Birr Castle ...	984.6	42	NE	2	o	986.8	*	40	-4	NNE	3	-	o	*	-	45	39	C.b	o	o.c.o	0.0
	Donaghadee ...	991.1	41	E	5	bgmgy	990.2	+2	40	-1	ENE	5	-	omq	4	-	43	38	ogf	ogm	omq	*
	Liverpool (Bidston)	988.3	39	E	4	m	985.6	+1	37	0	ENE	4	-	r	3	5	40	35	om	od	or	0.0
	Holyhead ...	986.5	40	E	6	ogm	984.7	+1	40	+2	ENE	7	-	opq	5	1	43	37	bcm	c.p	a.op.dq	3.1
	Pembroke (St. Ann's)	982.8	40	E	3	or	980.0	?	38	-2	NNE	3	-	or	5	5	42	37	g.op	or	or	0.0
	Scilly (St. Mary's)	978.0	50	SSW	5	mr	976.9	-2	50	+4	S	3	-	fd	4	16	51	46	omf	omr	omfd	0.0
	Falmouth ...	978.9	50	SSW	7	orq	977.1	-1	50	+4	SSW	2	-	rm	*	28	51	45	omf	omr	me.p.d	0.0
	Jersey (St. Aubin)	984.4	50	SSW	4	b	980.9	-1	46	+3	S	3	-	o	3	15	53	42	oro	o.b	b.or.o	0.4
	Portland Bill ...	981.3	42	SSW	5	or	980.2	-1	47	+4	SSW	3	-	od	4	21	47	41	or	or	or.d	*
	Dungeness ...	986.4	42	SE	4	r	983.0	-1	45	+3	SSW	4	-	r	3	9	46	40	o.c.or	or	or.c.or	*
Wick ...	994.4	38	SW	4	bcm	997.6	+2	30	-3	N	4	-	omg	4	2	39	30	omrd	od.bcm	bc.omg	*	
Nairn ...	993.9	31	-	0	C	997.4	*	31	0	NNE	1	-	og	1	0.1	35	29	cg	c.bc.c	ops	0.5	
Aberdeen ...	995.0	40	S	3	o	995.6	+2	34	-3	N	3	-	o	3	1	41	34	op	op	op.r.s.p	0.0	
Leith ...	993.4	38	E	2	o	993.4	0	36	-1	NE	5	-	o	4	2	39	36	tmp	odmp	o.c.rgo	*	
Tynemouth ...	993.0	40	ESE	3	om	990.5	?	39	-1	NE	4	-	om	4	1	40	38	omp	om	om	*	
Spurn Head ...	990.0	39	E	4	og	985.1	-1	38	-1	ENE	7	-	orq	5	16	40	36	ogm	ogmr	orq	0.0	
Yarmouth (Gorleston)	991.4	38	SE	6	r	983.7	-4	39	+1	ESE	5	-	omr	5	12	39	37	omf	omr	ogf	0.0	
Clacton-on-Sea	988.4	40	ESE	4	r	982.6	-1	42	+3	SSW	2	-	og	2	16	42	39	ogmp	ogmr	ogmr	0.0	
Nottingham ...	988.8	38	E	3	or	984.1	*	33	-3	NE	4	NE	s	*	21	35	33	odm	or	r	0.0	
Benson (Oxon.) ...	984.4	40	E	4	r	980.2	0	45	+8	S	3	-	o	*	12	45	37	r	r	orom	*	
Sth Farnborough	*	*	ENE	4	orrm	981.4	-0	45	+9	S	2	-	om	*	19	46	36	fdorm	orm	or.d.om	0.0	
Salisbury Plain	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
London (Kew Obsy.)	986.2	40	E	3	fr	981.4	+1	46	+8	S	1	-	om	*	14	46	38	fe.fr	fr.om	fr.om	0.0	
NORTHERN EUROPE.	Isafjord ...	1017.9	10	NE	3	bc	1008.7	-2	14	-1	N	8	-	b	*	*	*	*	*	*	*	*
	Reykjavik ...	1011.7	11	SE	3	b	1008.7	-2	14	-1	N	8	-	b	*	*	*	*	*	*	*	*
	Vestmanna ...	1008.2	19	N	1	C	1005.0	-2	16	-4	N	1	-	b	*	*	*	*	*	*	*	*
	Seydisfjord ...	1008.6	8	N	4	bc	1004.2	-0	14	+9	N	8	-	s	*	*	*	*	*	*	*	*
	Thorshavn ...	1000.0	19	NNE	5	C	994.6	-6	24	+2	WNW	6	-	s	*	*	*	*	*	*	*	*
	Spitsbergen ...	1019.7	-26	-	0	b	1017.1	-0	-24	-4	N	1	*	b	*	*	-20	-26	*	*	*	*
	Vardö ...	1007.5	7	SW	?	o	1010.3	0	3	-9	SW	6	-	bc	4	*	16	37	*	*	*	*
	Gjesvær ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Bodö ...	995.8	12	ESE	6	S	992.7	-5	14	0	E	6	-	o	3	*	14	10	*	*	*	*
	Christiansund ...	996.4																				

## THE BEAUFORT SCALE OF WIND FORCE.

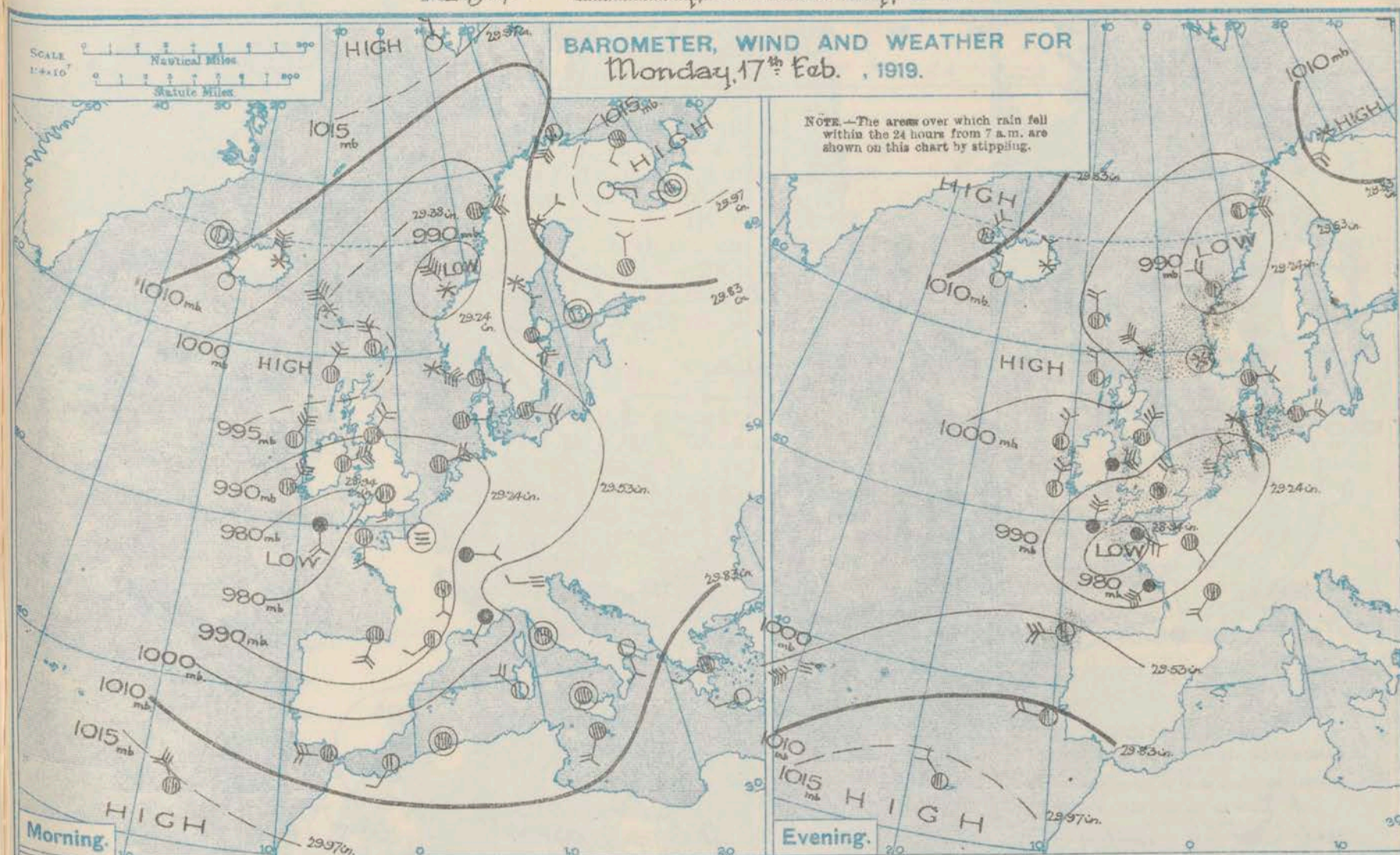
## Limits of Velocity.

No.	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0.8
1	1-3	0.8-1.6
2	4-7	1.6-3.8
3	8-12	3.8-5.4
4	13-18	5.4-7.9
5	19-24	8.0-10.7
6	25-31	10.8-13.8
7	32-38	13.9-17.1
8	39-46	17.2-20.7
9	47-54	20.8-24.4
10	55-63	24.5-28.4
11	64-75	28.5-33.5
12	Above 75	33.6 or above

## BEAUFORT NOTATION.

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

Neogor. Tuesday, 18<sup>th</sup> February, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 17<sup>th</sup> FEBRUARY.

STATIONS.	EVENING OF...16 <sup>TH</sup> .....					MORNING OF...17 <sup>TH</sup> .....										AFTERNOON OF...17 <sup>TH</sup> .....						
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.		Weather.	
			Dirac.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours. ° F.	Dirac.	Force 0-12.		Max.	Min.			Dry Bulb. ° F.	Change in 24 hours. ° F.	Dirac.	Force 0-12.		
RUSSIA.	Orlov ...	* F.	x	x	x									* F.	* F.							
	Kem ...	x	x	x	x									x	x							
	Archangel ...	x	x	x	x									x	x							
	Imandra ...	x	x	x	x									x	x							
SWEDEN.	Haparanda ...					1011.7	*	28	?	ENE	2	S	*	x	x							
	Hernösand ...					1002.6	*	27	?	SE	3	S	x	x	x							
	Stockholm ...					1010.1	*	27	?	SSE	4	0	x	x	x							
	Wisby ...					1000.4	*	28	?	ENE	2	r	*	x	x							
	Sordovalva ...					1011.8	x	-4	?	NNE	2	0	*	x	x							
	Hangö ...					1007.0	*	9	?	-	0	b	x	x	x							
ITALY.	Venice ...	1003.5	39	-	0	r	1007.7	x	39	+2	-	0	f	3	46	39						
	Turin ...	1004.7	39	-	0	0	1001.0	x	36	0	-	0	hr	-	46	32						
	Pesaro ...							x														
	Leghorn ...	1004.1	54	SW	1	0	1000.7	*	57	+5	SSE	3	0	Trace	59	34						
	Rome ...	1004.6	54	S	1	0	1004.1	x	55	+8	-	0	0	Trace	57	40						
	Viesti ...	1005.8	50	SE	1	0	1003.8	x	54	+8	S	1	bc	-	55	32						
	Brindisi ...	1010.6	54	S	1	0	1007.8	x	54	+9	S	2	b	-	57	43						
	Cagliari ...	1006.1	54	NE	3	b	1004.7	x	50	?	NW	3	b	-	61	41						
	Palermo ...	1009.9	59	S	2	bc	1007.5	x	57	0	-	0	0	-	63	50						
	Tripoli ...																					

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM					
18 <sup>TH</sup> & 19 <sup>TH</sup> FEB. 1919.		Sunrise.	Noon.	Sunset.	
	G.M.T.	G.M.T.	G.M.T.		
Yarmouth ...	7.6	12.7	5.8		
	7.4	12.7	5.10		
Greenwich ...	7.11	12.14	5.17		
	7.9	12.14	5.19		
Wick ...	7.41	12.26	5.11		
	7.38	12.26	5.14		
Valencia ...	7.53	12.55	5.57		
	7.51	12.55	5.59		

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

18 <sup>th</sup> & 19 <sup>th</sup> FEB. 1919.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth ...		7.6	12.7	5.8
Greenwich ...		7.4	12.7	5.10
Wick ...		7.11	12.14	5.17
Valencia ...		7.9	12.14	5.19
		7.41	12.26	5.11
		7.38	12.26	5.14
		7.53	12.55	5.57
		7.51	12.55	5.59

LONDON		HUMIDITY.		Sun-shine for	TEMPERATURE.				WEATHER.		
18 <sup>th</sup> FEB. 1919.		15 h.	9 h.		Max.	Min.	Min. on Grass	Rain-fall.	Morning.	Afternoon.	Night.
GREENWICH (Royal Observatory)		98	96	0.1	51	33	32	12	0	ogfd	OTS
CITY (Bunhill Row)		*	*	0.0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)		-	-	0.0	50	34	31	12	*	*	*
" (Roof near Charing Cross)		92	93	0.0	51	34	*	6	om	ofgr. omr	omr. adg
CAMDEN SQ. (British Rainfall)		100	100	0.0	49	33	30	13	0.0d	od	*
KENSINGTON PALACE		*	91	*	50	33	32	13	0	or	*
RICHMOND PARK		*	*	*	*	*	*	*	*	*	*

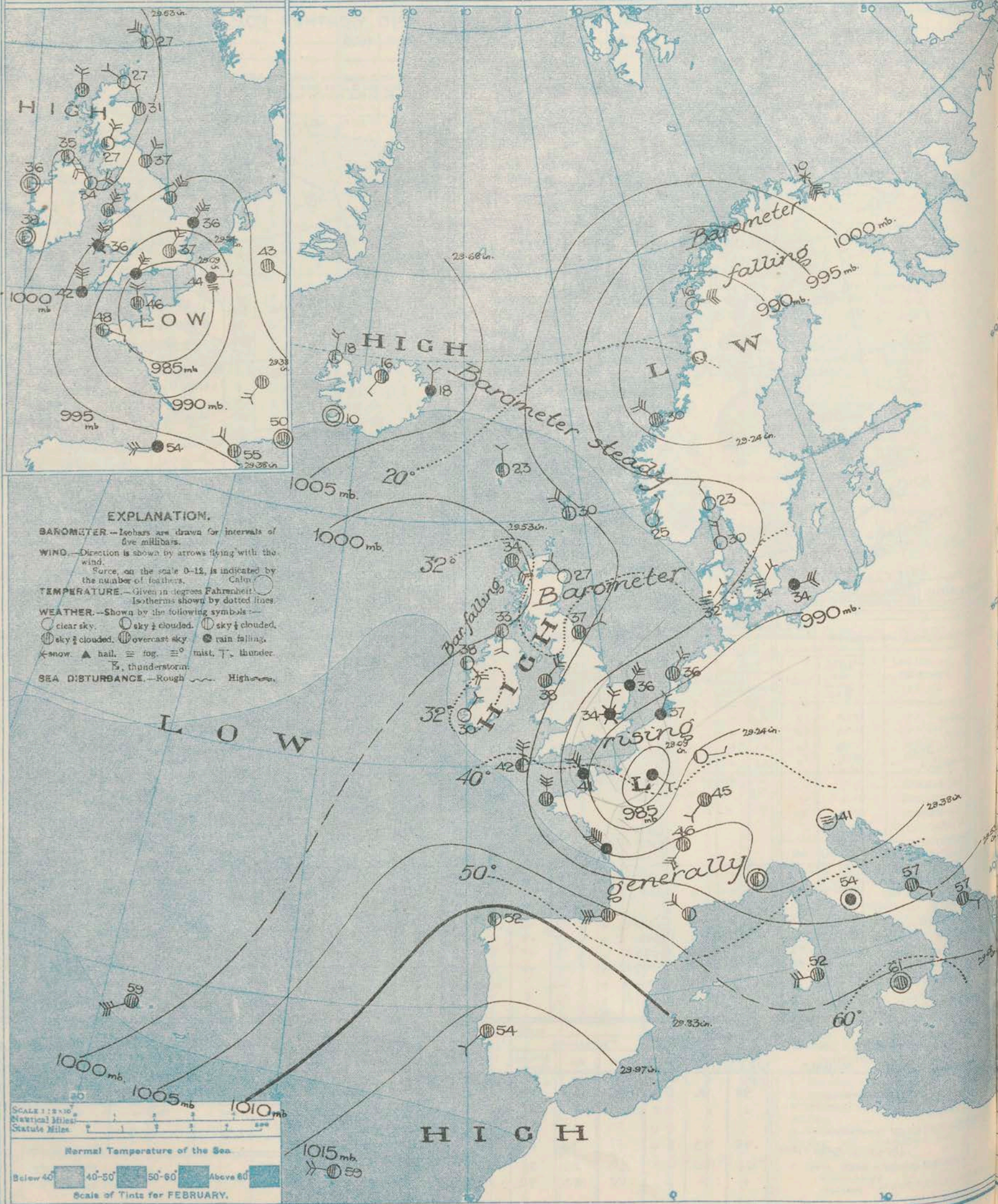
SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during 17 <sup>th</sup>		
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
140	3.9	13

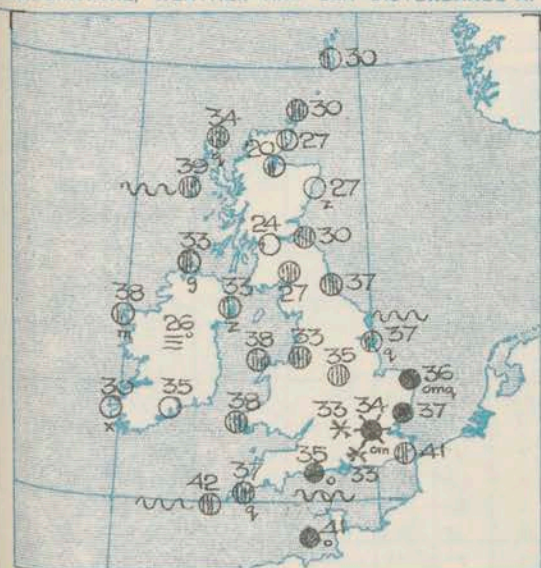
Printed at the Meteorological Office, South Kensington, London, S.W. 7.  
By WYMAN & SONS LTD., Fetter Lane, London, E.C. 4, and Reading.

† The barometric change is expressed in half-millibars.

18<sup>TH</sup> FEB, at 1h. G.M.T.

THE MORNING OF TUESDAY, 18<sup>TH</sup> FEBRUARY 1919 at 7h. G.M.T.





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

There was again much rain in the Southern districts and snow also fell in many localities. The precipitation for the day reached 34 mm. at Scilly. At Jersey only 1 mm. of rain fell and nearly 4 hours of sunshine were recorded. In the north the day was for the most part fair, as much as 7.9 hours of sunshine being registered at Castlebay. The air temperature was low in the extreme north (maximum 30° at Lerwick) but exceeded 50° at some of the English Channel stations.

The Present Distribution

The depression which yesterday lay at the Mouth of the English Channel is now centred over Paris. The barometer is rising briskly over England and Eastern and Southern France. Other low pressure systems are centred over Western Scandinavia, North Italy and off the west coast of Scotland. Pressure is high to northward of Iceland. Strong N. to NE. winds are blowing over Southern England and the wind reaches gale force from NW. in the Bay of Biscay. Much rain and snow are falling over these areas. The wind current has changed to SE. in the north-west under the influence of the depression now advancing from the Atlantic.

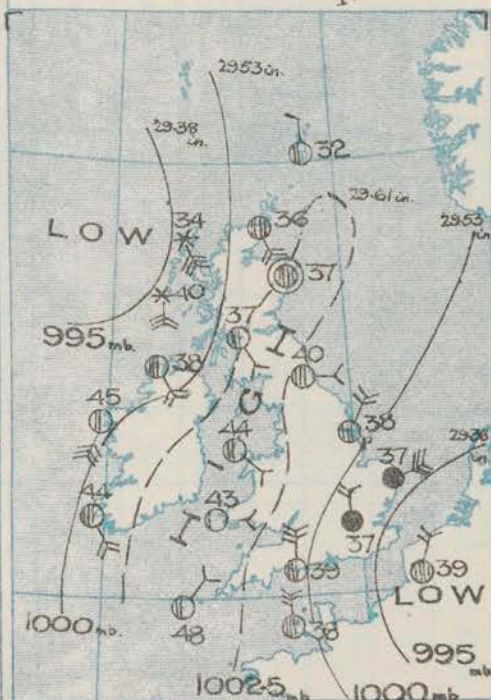
The Outlook

The depression over France is moving eastward and a rapid moderation in the Northerly winds in its rear may be anticipated, together with an improvement in weather. There are indications that the low off our western coasts is an extensive one and it is probable that the S.W. wind current in the west will spread eastward during the day.

G.S.B.

Tuesday, 18<sup>th</sup>

FEBRUARY, 1919, at 12h. (1p.m.) G.M.T.



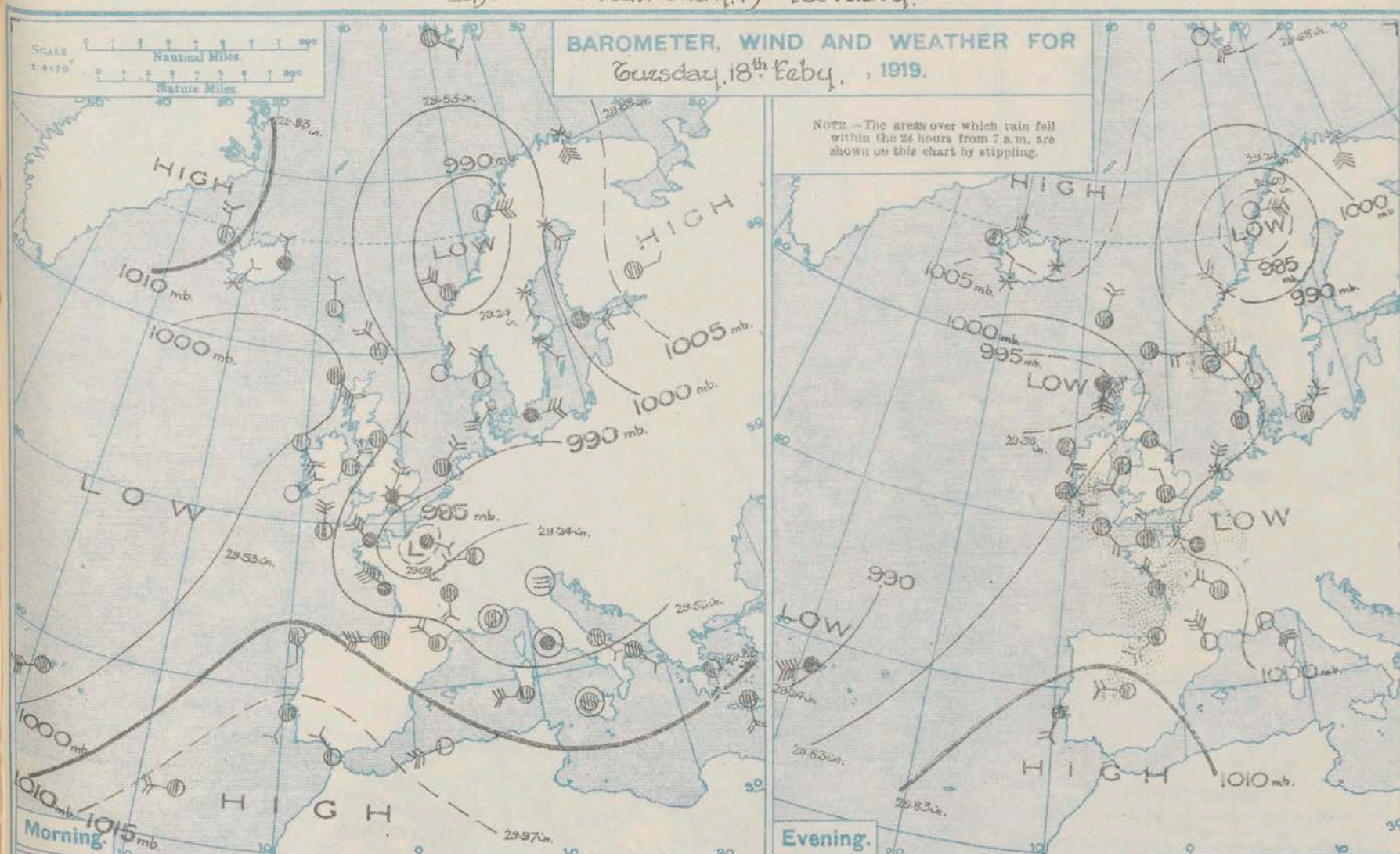
The barometer continues to rise briskly in the south and south-east. Winds have become Southerly over Ireland and Scotland where temperature has risen considerably.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1919. No. 49. TUESDAY, 18<sup>TH</sup> FEBRUARY.

STATIONS.		EVENING OF...17 <sup>TH</sup> ...					MORNING OF...18 <sup>TH</sup> ...										24 HOURS ENDED 7 h. 18 <sup>TH</sup> ...					Sun- shine for 17 <sup>TH</sup>	
		Barom. Milli- bars at M. S. L.	Temp.	WIND.		Weather.	Barometer. Milli- bars at M. S. L.	Change in 2 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	996.8	27	NW	6	cqps	1000.9	0	30	+6	NW	4	-	bc	3	0.2	30	21	c	cqps	bc	Hours	
	Houton B. (Orkney) ...	1000.1	29	NNW	5	c	1002.7	+1	30	+5	S	2	*	o	1	*	31	25	ps	cog	c	*	
	Stornoway ...	1000.6	32	N	3	c	999.4	-3	34	+3	SE	5	-	oq	4	-	34	25	o.c.o	o.bc.c	bc.oq	2.7	
	Castleday (Barra Isd.) ...	999.3	33	NE	5	bq	998.5	-1	39	+6	SSE	5	-	o	5	-	39	32	bq.bq	bcq.bq	bq.c.o	7.9	
	Glasgow ...	999.2	31	ENE	3	o	1003.5	+2	24	-10	W	1	-	b	*	Trace	36	24	o.c.b.c	ev	o.c.b.c	3.6	
	Eskdalemuir ...	997.1	33	NE	6	oq	1002.6	+3	27	-7	NE	4	*	o	*	0.3	34	26	o.ops	o.c.b.c	o.c.b.c	1.6	
	Malin Head ...	996.8	39	NNE	3	ev	1000.0	0	33	-7	S	3	S	cq	3	-	41	32	ev	ev	cq	0.7	
	Blackod Point ...	998.0	39	NNE	3	cm	1000.3	-3	38	-1	SSE	4	-	bcm	3	-	42	37	cm	cm	bm.bcm	*	
	Valencia (Cahirciveen) ...	996.4	43	NNE	4	c	1003.2	+2	30	-11	NE	2	*	b.c	*	-	44	30	oz	oz.c	c.b.c.b.c	0.0	
	Roche's Point ...	993.3	41	NNE	4	o	1002.9	+2	35	-5	NNW	2	-	b	2	0.1	43	34	o	o	o.c.b.c	*	
	Birr Castle ...	995.8	39	N	2	o	1002.6	*	26	-14	N	1	-	m	*	-	41	26	c.o	c.o	fx	0.0	
	Donaghadee ...	996.3	37	ENE	5	cmq	1002.8	+2	33	-7	E	2	E	b.c	2	-	42	30	bcq	bcq.cq	bcmq	*	
	Liverpool (Bidston) ...	992.4	38	ENE	4	o	1000.1	+4	33	-4	NE	2	-	o	2	3	40	33	p.m.o	od	or	0.0	
	Holyhead ...	992.1	39	ENE	6	orgm	1000.5	+2	38	-2	NE	4	-	o	3	6	40	37	opqm	opqm	op.og	0.0	
	Pembroke (St. Ann's) ...	984.6	35	NNE	5	ors	1000.4	*	38	0	NNE	3	-	o	4	16	38	or	ors	oqps.o	0.0		
	Scilly (St. Mary's) ...	980.2	40	NNE	6	omr	1000.5	+7	42	-8	N	5	N	c	6	34	51	39	omrfr	fr.omr	omr.cq	0.0	
	Falmouth ...	980.6	47	NE	3	ome	998.9	+9	37	-13	N	6	*	oq	*	18	50	32	bcm.ro	dom.fem	drs.oq	0.8	
	Jersey (St. Aubin) ...	979.9	48	SE	3	odm	989.9	+5	41	-5	NW	5	-	or	4	1	52	41	o.bco	o.bodm	b.or	3.9	
	Portland Bill ...	981.4	47	NE	4	or	991.8	+9	35	-12	N	6	-	or	5	7	49	35	od.c	o	osh	*	
	Dunegess ...	983.8	47	SE	2	bc	987.3	+2	41	-4	ENE	5	E	c	4	6	47	40	ro.c	c.pc	c.or.pc	*	
NORTHERN EUROPE.	Wick ...	1000.2	31	WNW	2	o	1002.1	0	27	-3	WNW	1	-	bc	2	0.2	33	25	omg	omgps	bcm	*	
	Nairn ...	1000.9	28	NNE	1	bc	1002.5	*	20	-11	-	0	-	bc	1	-	32	16	c	bc	bc	0.0	
	Aberdeen ...	1000.2	32	N	3	o	1002.9	+1	27	-7	NW	2	*	bz	2	-	34	27	o.c	osp	a.c.bz	0.1	
	Leith ...	998.8	33	NE	4	o	1002.5	+1	30	-6	W	2	-	o	2	-	37	30	oqgo	o.c.o	oq.cuo	*	
	Tynemouth ...	993.9	38	NE	5	oq	1000.0	+2	37	-2	ENE	2	-	o	3	-	39	36	oq	oq	oq	*	
	Spurn Head ...	990.3	37	NNE	5	oqr	996.7	+1	37	-1	NE	5	-	cq	5	14	38	35	oqr	oqr	o.cq	0.0	
	Yarmouth (Gorleston) ...	987.0	37	ENE	5	o	993.1	+2	36	-3	NE	6	-	omqr	6	11	39	35	omr	omd	omqr	0.0	
	Clacton-on-Sea ...	985.5	41	NNE	3	r	980.4	+4	37	-5	NNE	6	-	or	4	15	45	37	ogm	ogmd	?	0.1	
	Nottingham ...	990.3	35	NE	3	sr	997.2	*	35	+2	N	3	NE	o	*	13	36	33	sr	r	sr	0.0	
	Benson (Oxon.) ...	985.6	37	NE	4	r	994.0	+7	33	-12	N	4	-	s	*	7	44	32	adm	r	orqs	*	
	Sth Farnborough ...	984.6	39	E	2	odm	992.4	+4	33	-12	N	5	*	osm	*	4	51	33	adm	adm	do.osm	0.0	
	Salisbury Plain ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	
	London (Kew Obs.) ...	985.2	41	NNE	3	om	992.4	+6	34	-12	NNE	4	-	omts	*	7	50	34	omd.om	omd.omr	omd.omts	0.0	
	FRANCE, &c.	Isafjord ...	1012.4	18	NE	3	bc	1010.6	-2	18	-	N	3	*	bc	*	*	*	*	*	*	*	
		Reykjavik ...	1008.3	19	NNE	7	b	1006.6	0	10	-4	-	0	*	b	*	*	*	*	*	*	*	
		Vestmanna ...	1005.1	21	N	1	b	-	-	-	-	-	-	*	*	*	*	*	*	*	*	*	
		Seydisfjord ...	1006.6	25	N	2	s	1008.0	-1	18	+4	N	2	*	r	*	*	*	*	*	*	*	

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20908. Wednesday, 19<sup>th</sup> February, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 18<sup>th</sup> FEBRUARY.

STATIONS.	EVENING OF 17 <sup>th</sup>					MORNING OF 18 <sup>th</sup>										AFTERNOON OF 18 <sup>th</sup>					
	Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Force 0-12.	Weather.	Barom. Millibars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours.	Wind Direc.	Force 0-12.	Weather.	Rain-fall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Change in 24 hours.	Wind Direc.	Force 0-12.	Weather.
<b>RUSSIA.</b>																					
Orlov ...	*	*F.	*	*	*	1021.9	*	-20	-	ESE	5	bc	-	*F.	*F.						
Kem ...	*	*	*	*	*									*	*						
Archangel ...	*	*	*	*	*	1024.2	0	-35	-6	SE	2	b	-	*	*						
Imandra ...	*	*	*	*	*									*	*						
<b>SWEDEN.</b>																					
Haparanda ...						1001.3	*	0	-28	SSE	4	b	*	*	*						
Hernösand ...						993.7	*	25	-2	S	2	s	*	*	*						
Stockholm ...						996.3	*	32	+5	SE	2	o	*	*	*						
Wisby ...						995.8	*	32	+4	E	2	s	*	*	*						
Sordovala ...						1008.7	*	1	+5	E	1	o	*	*	*						
Hangö ...						1001.3	*	21	+12	ESE	4	o	*	*	*						
<b>ITALY.</b>																					
Venice ...	996.6	41	SSW	1	f	1037.0	*	41	+2	-	0	f	17	43	39						
Turin ...	999.3	37	-	0	bc	996.6	*	36	0	-	0	f	-	41	36						
Pesaro ...																					
Leghorn ...	995.8	55	-	0	b	993.7	*	55	-2	-	0	o	-	59	52						
Rome ...	1002.1	57	SE	1	bc	999.5	*	54	-1	-	0	r	6	63	54						
Viesti ...	1000.6	57	SE	1	o	997.8	*	57	+3	SE	2	o	-	66	50						
Brindisi ...	1004.9	59	SE	4	c	1002.6	*	57	+3	SE	2	o	-	61	52						
Cagliari ...	1004.6	55	W	4	o	1002.1	*	52	+2	W	5	o	3	61	41						
Palermo ...	1004.5	64	-	0	o	1006.5	*	61	+4	-	0	o	-	75	55						
Tripoli ...																					

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

19 <sup>th</sup> & 20 <sup>th</sup> FEB. 1919.		Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.4	12.7	5.10	
Greenwich ...	7.2	12.7	5.12	
Wick ...	7.9	12.14	5.19	
Valencia ...	7.33	12.26	5.14	
	7.35	12.26	5.17	
	7.51	12.55	5.53	
	7.49	12.53	6.4	

LONDON		Humidity.		Sun- shine for	24 HOURS ENDED 9 h. 12 <sup>th</sup> .....			WEATHER.			
		12 h.	9 h.		TEMPERATURE.			Rain- fall.			
		18 <sup>th</sup>	19 <sup>th</sup>		Max.	Min.	Min. on Grass		Morning.	Afternoon.	Night.
19 <sup>th</sup> FEBRUARY 9h. G.M.T.		%	%	Hours.	° F.	° F.	° F.	mm.			
GREENWICH (Royal Observatory)	94	94	0.0	37	31	26	5	os,	or, od	qd, o	
CITY (Bunhill Row)	*	*	0.0	*	*	*	*	*	*	*	
WESTMINSTER (St. James's Park)	97	92	0.0	39	33	29	7	*	*	*	
(Roof of Admiralty Arch)	83	89	0.0	39	33	*	4	of, qm	om, q, om	om, em	
CAMDEN SQ. (British Rainfall)	99	98	0.0	38	31	30	5	os	os, od	*	
KENSINGTON PALACE	*	87	*	38	32	28	5	BT	TO	*	
RICHMOND PARK	*	*	*	*	*	*	*	*	*	*	

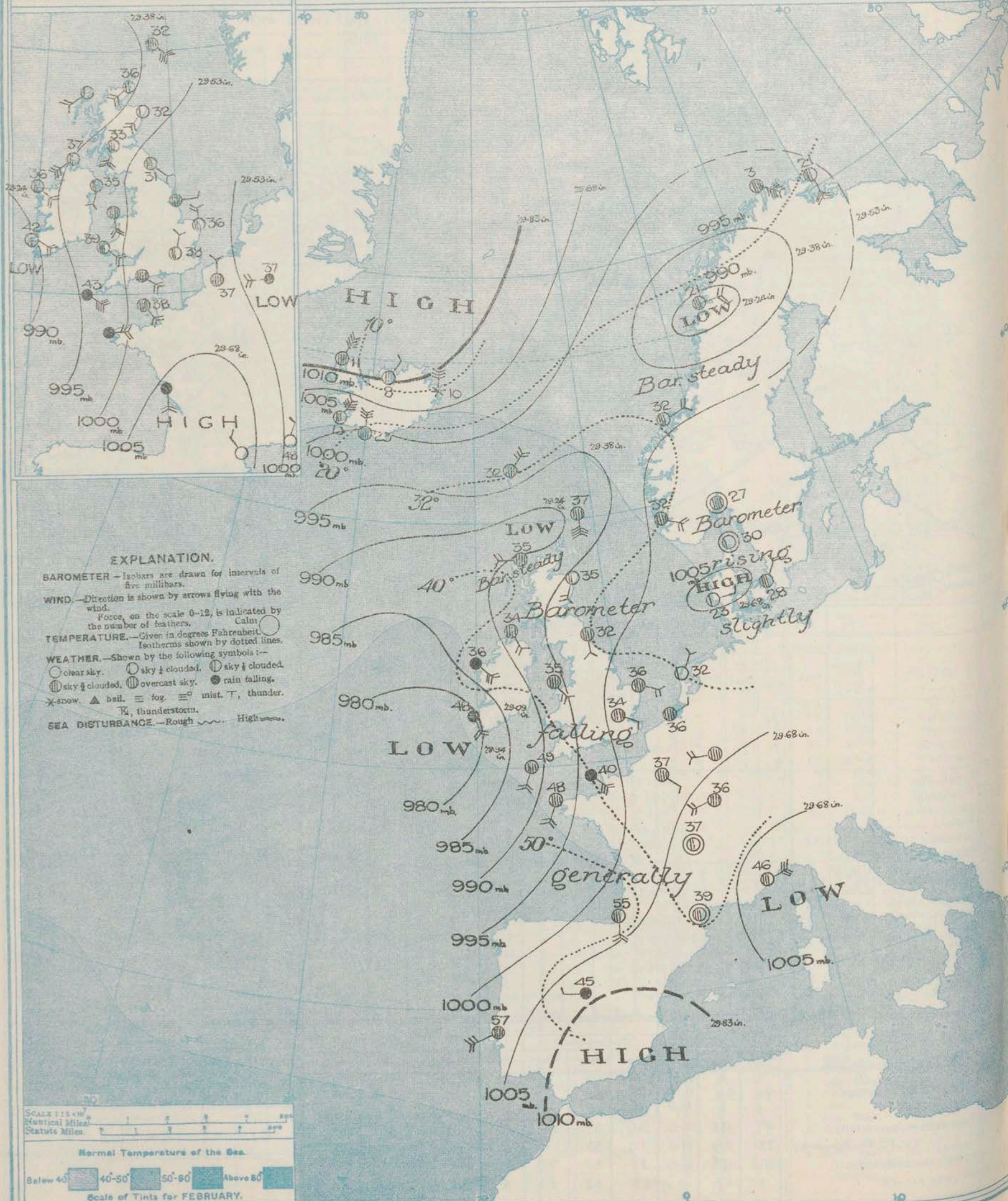
SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during 18 <sup>th</sup> FEB.		
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
151	4.4	10

Printed at the Meteorological Office, South Kensington, London, S.W.7. by WYMAN & SONS LTD., Fetter Lane, London, E.C.4, and Reading.

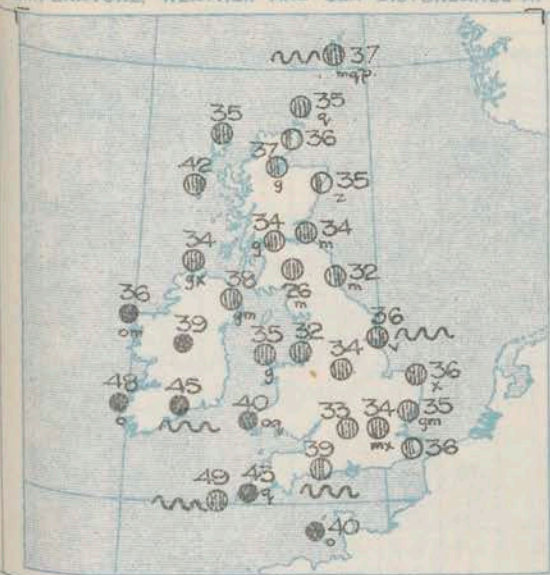
\* The barometric change is expressed in half-millibars.

19<sup>TH</sup> FEB, at 1h. G.M.T.

THE MORNING OF WEDNESDAY, 19<sup>TH</sup> FEBRUARY 1919 at 7h. G.M.T.



## TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



## NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

Falls of rain and snow up to 10 mm. occurred in SE. England, where the day was entirely sunless. In other districts the duration of bright sunshine varied from 1-3 hours over Scotland to 5 or 6 hours in the west of England. A change to rainy weather, however, occurred at night in the south-west. In the eastern and northern districts temperature failed to reach 40° during the day and a slight frost occurred at night. Milder conditions prevailed in the west.

The Conditions at 7h. Today

The depression which was beginning to affect our western coasts yesterday has developed considerably in depth and intensity. The main centre now lies to westward of Valencia, where pressure is below 980 mb. There is a secondary centre near Orkney. Another depression is centred near Bodo on the west coast of Scandinavia. An anticyclone lies over Iceland and pressure is also relatively high over Denmark.

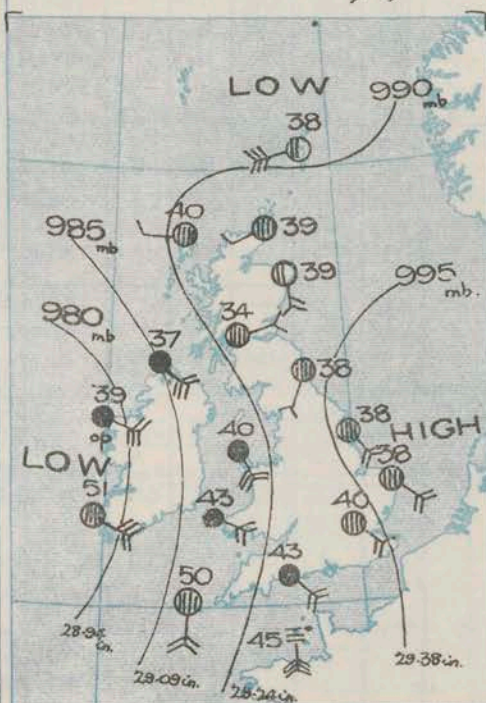
The main wind current over the British Isles is from SE. to S, strong in the south-west and at Shetland, light to moderate elsewhere. Rain is falling at most of the western stations and except in eastern Scotland, dull weather prevails elsewhere.

The Outlook

The extensive low pressure system which lies off our western coasts will probably maintain Southerly winds and unsettled weather over the British Isles generally. The barometer is falling briskly in north-west Ireland and it is probable that the wind will reach gale force on the western coasts during the day.

Wednesday, 19<sup>th</sup>

FEBRUARY, 1919, at 13h. (1 p.m.) G.M.T.



No increase of wind force has occurred in the western districts but the fall of barometer continues generally.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1919. No. 50.

WEDNESDAY  
19th FEBRUARY.

STATIONS.	EVENING OF 18 <sup>th</sup> .....					MORNING OF 19 <sup>th</sup> .....										24 HOURS ENDED 7 A.M. 19 <sup>th</sup> .....					Sun- shine for 18 <sup>th</sup> Hours
	Barom. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
			Dir.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1001.8	30	ESE	3	990.6	-6	37	+7	S	7	-	omg	5	1	37	28	bc	c	omp	0.0
	Houton B. (Orkney)	997.9	30	SSW	6	989.6	-3	35	+5	SW	6	*	og	-	*	35	29	ops	os	bc, bcl	0.0
	Stornoway	991.9	38	S	6	991.7	0	35	+1	W	3	-	o	2	6	39	34	ofog	ostg	o, cp	0.0
	Castlebay (Barra Isd.)	994.1	44	W	5	992.3	-1	42	+3	SSW	4	-	o	4	5	44	35	osp	ohpbc	bc, bp	1.8
	Glasgow	1001.3	35	SSW	3	996.5	-4	34	+10	SE	2	-	og	*	1	38	23	b, bc, og	bc, og	osp, og	3.2
	Eskdalemuir	1002.6	32	SW	4	997.6	-3	26	-1	-	0	*	om	*	-	37	26	q, bc, og	bc, og	bc, og	3.0
	Malin Head	997.4	40	SW	4	991.6	-5	34	+1	SSE	3	-	og	3	-	42	31	og	bc, og	og	2.3
	Blacksod Point	998.5	42	SSE	4	986.3	-10	36	-2	SE	5	-	omr	4	2	44	36	bc, og	bc, og	bc, og	2.3
	Valencia (Cabrillo Is.)	997.9	43	FSE	4	979.2	-4	48	+18	SSE	4	*	or	0	7	48	29	b, bc	c, og	c, or	3.6
	Roche's Point	1001.2	43	SE	4	983.4	-4	45	+10	SE	7	-	r	6	9	45	35	b, bc	bc, o	or	5.0
	Birr Castle	1000.3	38	SSE	1	986.5	*	39	+13	SE	2	-	r	1	1	45	25	c	c, o	c, od	5.0
	Donaghadee	1001.6	36	SSW	3	993.4	-4	38	+5	SSE	4	-	ogm	4	-	41	31	bc	bc	bm, ogm	1.4
	Liverpool (Bidston)	1003.7	36	NE	1	996.0	-4	32	-1	SE	4	-	o	3	-	39	29	o, bc, og	bc, og	c, og	6.2
	Holyhead	1003.3	38	SW	3	993.2	-5	35	-3	SSE	3	-	og	2	-	45	34	o, bc	bc, b	bc, og	5.6
	Pembroke (St. Ann's)	1003.8	39	S	1	989.7	?	40	+2	SE	5	-	og, r	5	2	44	37	o, bc	b	og, og	5.6
	Scilly (St. Mary's)	1004.0	43	SE	3	987.3	-3	49	+7	SSW	4	-	o	6	5	49	40	c, bc	bc	c, or, o	5.4
	Falmouth	1003.8	40	ESE	1	989.5	-9	43	+6	SE	7	*	og	1	9	45	36	og, o, c	c, bc, og	o, og, r	5.4
	Jersey (St. Aubin)	1004.5	42	N	3	996.8	-3	40	-1	SE	5	-	or	4	8	42	38	or, or	o, c, og	c, or	0.2
	Portland Bill	1003.2	38	N	3	996.1	-4	39	+4	SE	6	-	c	4	-	42	35	o, c	bc, c	c, bc	0.2
	Dungeness	999.8	36	NE	4	1001.0	-1	36	-5	ESE	3	-	c	2	2	47	29	c, or, og	og, od	o, bc, og	0.0
Wick	997.7	35	S	4	992.0	-2	36	+9	SSW	2	-	bc	4	0.2	37	26	bc, omg	omps	bc	1.3	
Nairn	997.5	38	-	0	993.3	*	37	+17	SSW	1	-	og	1	-	38	20	bc, c	og	c, bc	0.6	
Aberdeen	1000.0	35	S	3	995.2	-2	35	+8	SSW	3	*	bc, og	2	-	38	27	b, bc, og	og, og	og, b, bc	0.6	
Leith	1001.1	36	SW	2	996.3	-1	34	+4	SSW	1	-	om	2	-	39	30	og, bc	bc, o, c	c, og, og	0.0	
Tynemouth	1002.5	37	SE	2	997.8	-1	32	-5	S	2	-	om	3	-	40	30	c	o	om	0.0	
Spurn Head	1003.6	37	NNE	1	1000.5	-2	36	-1	SE	2	-	or	4	-	39	34	og, p	og	or	0.0	
Yarmouth (Gorleston)	1002.4	39	NE	5	1002.3	-2	36	0	ESE	2	-	og	2	-	39	32	omg, r	omg, r, o	b, og	0.0	
Clacton-on-Sea	1001.0	37	NNE	3	1001.6	-1	35	-2	N	2	-	ogm	1	10	39	32	og, r	og, r	od, b, og	0.0	
Nottingham	1003.7	37	N	1	999.8	*	34	-1	SSE	2	NE	o	*	-	39	30	o	o, c	o, c, b	0.0	
Benson (Oxon.)	1003.3	37	N	2	999.0	-4	33	0	SE	4	*	o	*	4	38	30	sto	o	o, bc, o	0.0	
Sth Farnborough	*	*	SSE	2	1000.3	-3	33	0	SE	3	-	om	*	7	37	32	st, or	radom	om	0.0	
Salisbury Plain	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0.0	
London (Kew Obsy.)	1003.1	37	NNW	1	1000.7	-3	34	0	ESE	1	*	omsc	*	6	38	32</					

## 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	1.6-2.8
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

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

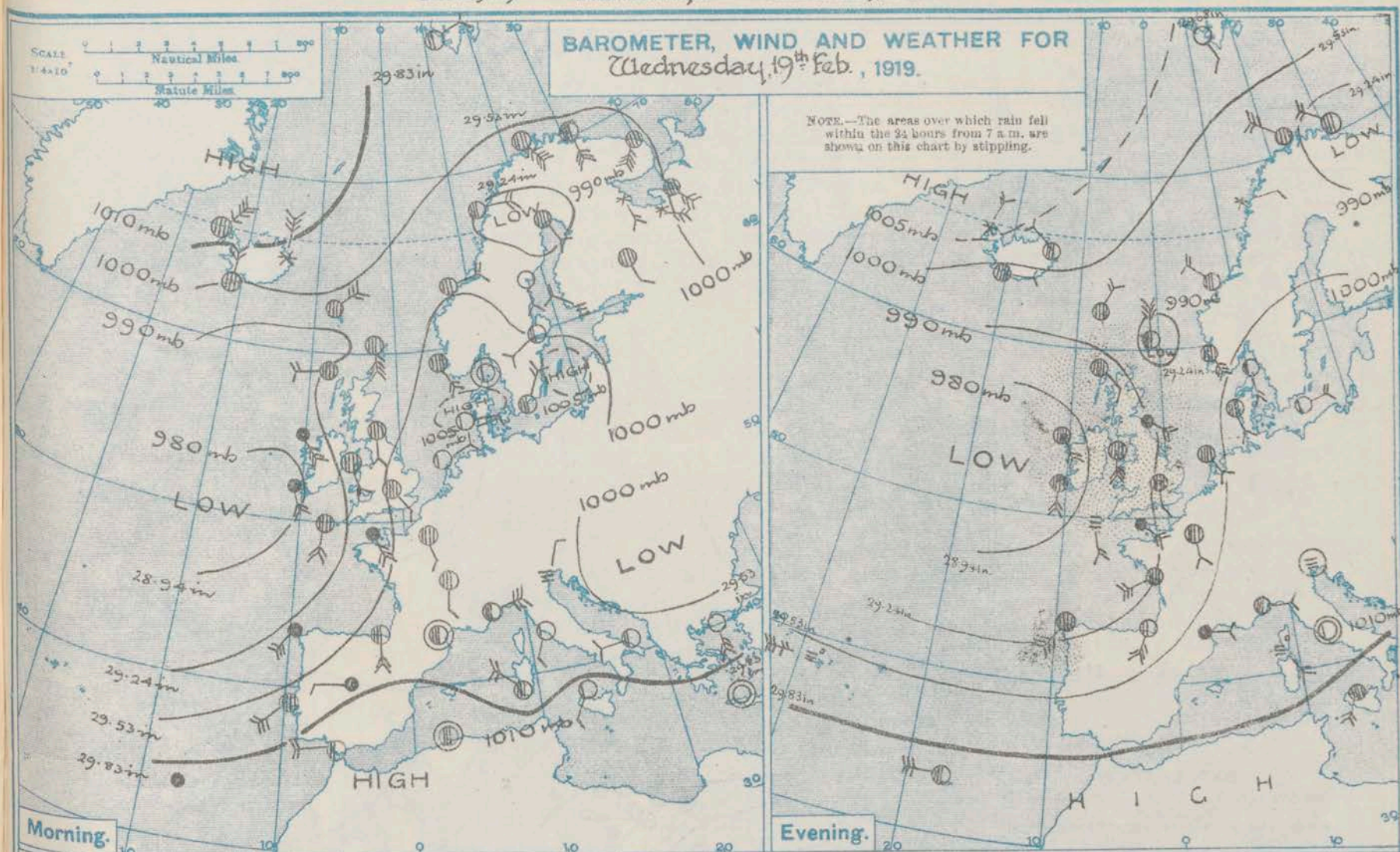
\* Information for these columns not usually received.

† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20909. Thursday, 20<sup>th</sup> February, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 19<sup>TH</sup> FEBRUARY

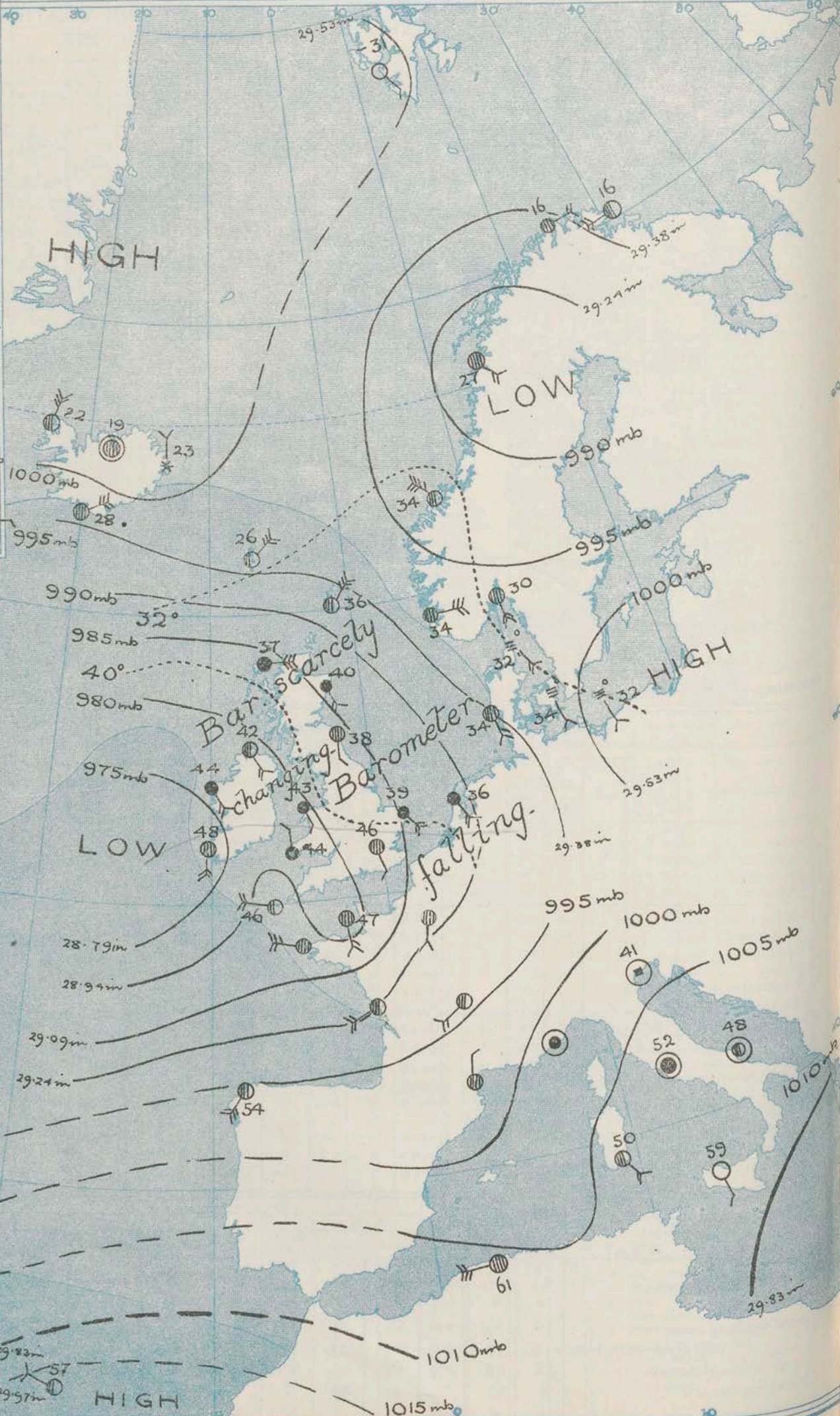
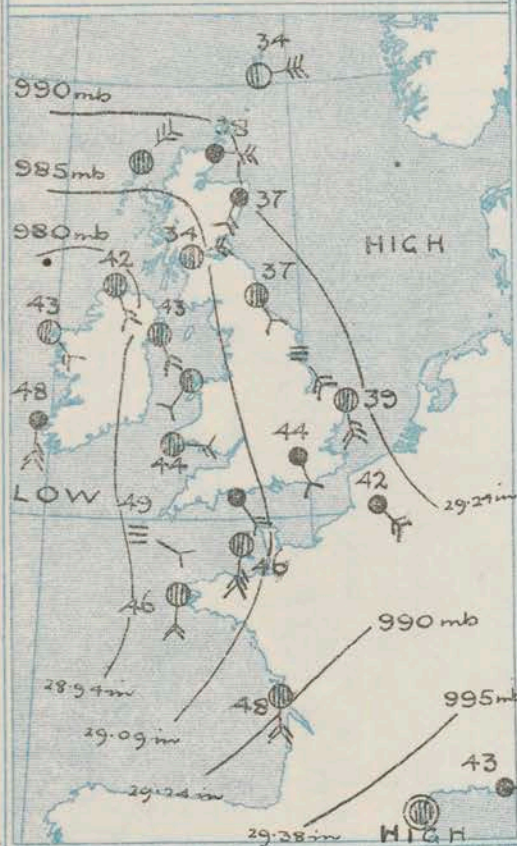
EVENING OF 18 <sup>TH</sup>																	MORNING OF 19 <sup>TH</sup>																	AFTERNOON OF 19 <sup>TH</sup>																
STATIONS.		BAROM. Milli- bars at M.S.L.	TEMP.	WIND		Weather.	BAROMETER.		TEMP.		WIND.		Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.		Weather.																												
				Dirac.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.		Weather.	Max.			Min.	Dry Bulb.	Change in 24 hours.	Dirac.		Force 0-12.	Weather.																										
RUSSIA.	Orlov ...	×	×	×	×	×	998.3	×	1	+2.1	SW	7	0	×	×	Isafjord ...	1009.1	16	-6	NNE	6	C																												
	Kem ...	×	×	×	×	×	994.7	×	12	?	SSE	3	S	×	×	Reykjavik	999.0	21	-1	-	0	C																												
	Archangel	×	×	×	×	×	1003.8	-5	-6	+2.9	SSE	5	0	-	×	Vestmanna	995.5	25	-1	NE	1	S																												
	Imandra	×	×	×	×	×									×	Seydisfjord	1005.1	10	-13	N	4	B																												
SWEDEN.	Haparanda						998.8	×	12	+12	SSE	2	0	×	×	Thorshavn	995.9	32	+3	NNE	4	C																												
	Hernösand						993.5	×	21	-4	S	2	b	×	×	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM																																		
	Stockholm						999.9	×	16	-16	WSW	2	bc	×	×																																			
	Wisby							1009.5	×	30	-2	NW	2	b	×	×	20 <sup>TH</sup> AND 21 <sup>ST</sup> FEB 1919.																																	
Sordovalva							992.2	×	21	+20	S	1	0	×	×																																			
Hangö							997.6	×	16	-5	WNW	2	S	×	×	Yarmouth ...																																		
ITALY.	Venice ...	996.1	45	-	0	f	1000.7	×	41	0	-	0	f	12	46	41	Greenwich ...																																	
	Turin ...	998.5	41	-	0	b	1002.5	×	34	-2	S	3	c	-	46	34																																		
	Pesaro ...	996.9	41	-	0	0	1002.5	×	37	?	-	0	b	4	52	34																																		
	Leghorn ...	997.3	52	W	7	bc	1002.5	×	54	-1	WNW	7	c	-	61	46																																		
	Rome ...	999.5	52	NE	2	r	1004.9	×	46	-8	SW	1	b	7	59	45																																		
	Viesti ...							×																																										
	Brindisi ...	1000.1	59	SW	3	0	1001.5	×	50	-7	W	2	bc	2	63	50																																		
	Cagliari ...	1001.9	54	W	5	r	1003.6	×	48	-4	NW	4	c	2	61	39																																		
	Palermo ...	1006.1	54	W	4	c	1010.5	×	54	-7	SW	1	b	2	61	54																																		
Tripoli																Valencia ...																																		

LONDON	HUMIDITY.		Sun-shine for 19 <sup>th</sup>	TEMPERATURE.			Rain-fall.	WEATHER.		
	25 h.	9 h.		Max.	Min.	Min. on Grass.		Morning.	Afternoon.	Night.
20 <sup>TH</sup> FEB. 9h. G.M.T.										
GREENWICH (Royal Observatory)	89	94	0.0	48	34	38	2	0 c	0	0 cr.
CITY (Sunhill Row)	...	...	0.0	...	...	...	...	...	...	...
WESTMINSTER (St. James's Park)	90	92	0.0	50	35	33	3	...	...	...
(Roof of Admiralty Arch)	79	92	0.0	50	36	...	3	om	om	om. or.
CAMDEN SQ. (British Rainfall)	86	95	0.0	47	34	35	5	od	0	...
KENSINGTON PALACE	...	93	...	49	35	...	4	0	0	...
RICHMOND PARK	...	...	0.0	...	...	...	...	...	...	...

SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during 19 <sup>TH</sup>		
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
178	4.9	20

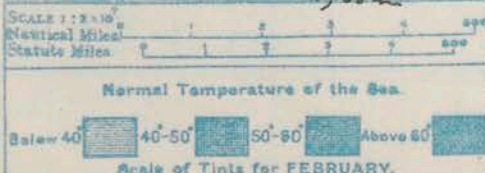
20<sup>th</sup> FEB, at 1h. G.M.T.

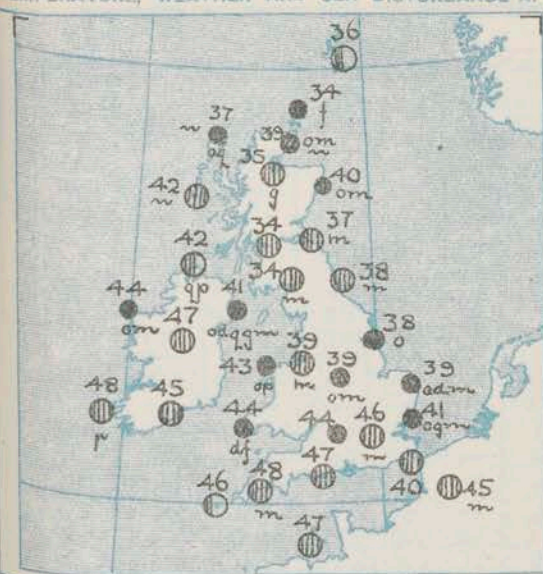
THE MORNING OF THURSDAY, 20<sup>th</sup> FEBRUARY 1919 at 7h. G.M.T.



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. Calm   
**TEMPERATURE.**—Given in degrees Fahrenheit.  
 Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky ○ sky & clouded. ○ sky & clouded.  
 ○ sky & clouded. ○ overcast sky. ● rain falling.  
 ✕ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 K, thunderstorm.  
**SEA DISTURBANCE.**—Rough High





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

Dull wet weather again prevailed generally, the only stations recording more than one hour of bright sunshine being Birr Castle (2.3 hr.) and Nairn (1.3 hr) Some snow fell in Scotland and the Midlands. In the west and south air temperature continued rather high for the season, the screened thermometer rising to above 50° at some of the Western stations.

The Conditions at 7h. Today

The depression off the south-west of Ireland maintains its position with little change apart from a general fall of pressure. A shallow secondary has developed over the Western Channel. Another depression lies over Norway, little change in its position having occurred for some days past. Pressure is high in the Madeira region.

Easterly winds are blowing strongly in the north of Scotland but moderate S.E. winds prevail over the greater part of the British Isles. A strong current from between SW. and WNW. is blowing over the Bay of Biscay and extends northward to the Mouth of the Channel. Generally unsettled weather prevails and rain is falling at many stations.

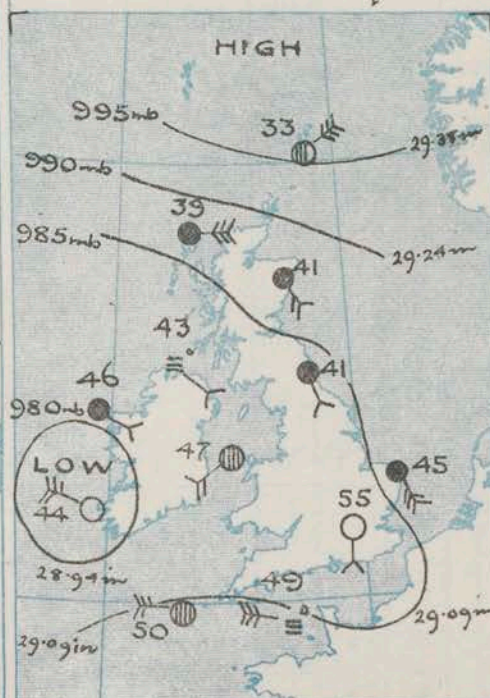
The Outlook

The barometer continues to fall over the North Sea area but shows a tendency to rise in France, while pressure is nearly steady on our Western Coasts. Some eastward or north-eastward movement of the low pressure centre is, therefore, probably, with perhaps a veer of wind to SW. in the south. Conditions are likely to remain unsettled with temperature above the normal for the season in most localities.

E.S.A.

Thursday, 20<sup>th</sup>

FEBRUARY, 1919, at 12h. (1p.m.) G.M.T.

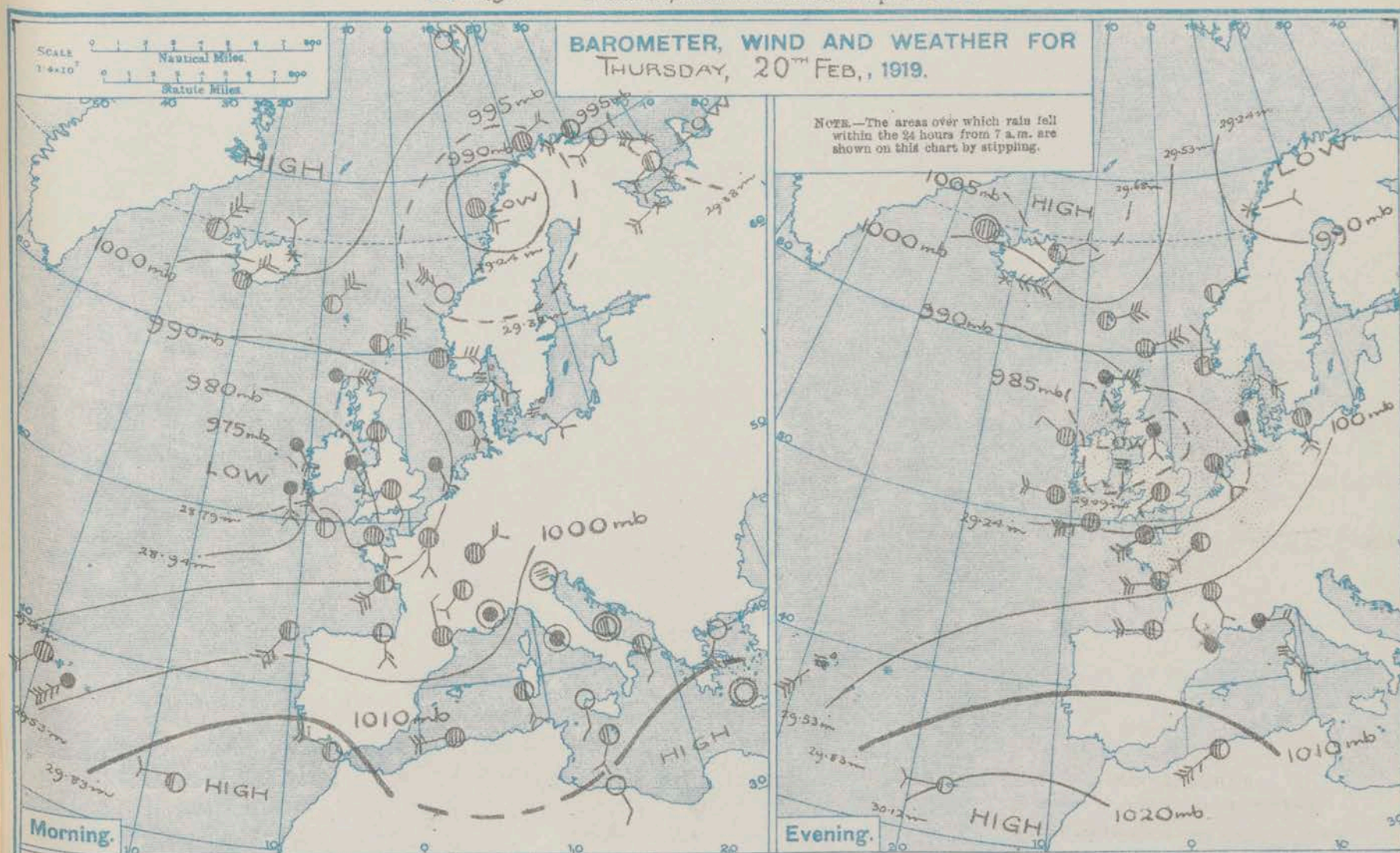


The depression in the South-west is growing less deep and moving eastward.

STATIONS.	EVENING OF 19 <sup>TH</sup>					MORNING OF 20 <sup>TH</sup>										24 HOURS ENDED 7 H. 20 <sup>TH</sup>					Sun- shine for 19 <sup>TH</sup>	
	Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
			Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	989.9	33	N	6	cyp	993.7	0	36	-1	NE	6	-	c	4	3	38	30	bcp	bcp	bc	x.
	Houton B. (Orkney) ...	991.3	34	ENE	4	o	988.6	0	34	-1	E	9	*	org	6	x	37	34	em	po.	d.	x
	Stornoway ...	988.9	38	ESE	1	o.	984.6	0	37	+2	E	6	-	org	5	9	42	34	o.	o.c.o	org	0.2
	Castlebay (Barra Isd.) ...	986.6	37	ENE	4	or.	980.4	0	42	0	SE	5	-	o	5	12	42	35	om	omr.	r.d.ro.	0.0
	Glasgow ...	987.9	32	ENE	3	S.	984.4	-1	34	0	ENE	3	-	o	x	4	35	21	og	og. os.	og	0.0
	Eskdalemuir ...	988.3	33	SE	3	osm	983.7	-1	34	+8	N	4	-	om	x	3	37	26	om	om. osm	osm om	0.2
	Malin Head ...	980.9	37	ESE	4	cmq	973.3	0	42	+8	SE	3	SE	cyp	4	4	43	33	omjd	cmqr.	cyp	0.0
	Blacksod Point ...	976.2	46	SSE	4	om	976.3	0	44	+8	SE	3	-	omr.	3	6	47	33	omjd	omr.	omr.	x
	Valencia (Cahiriveen) ...	977.6	45	S	4	o	973.6	-1	43	0	S	4	-	op	4	6	51	46	op	odp.	o.c.or.o	0.0
	Roche's Point ...	980.6	47	SE	4	om	973.3	0	45	0	SSE	2	-	o	4	2	51	43	d. om	or. om	o	x
	Birr Castle ...	979.3	47	SE	1	c	977.3	x	45	+6	SE	1	E	c	x	1	53	38	cyp	sp	c	2.3
	Donaghadee ...	982.6	40	SE	5	ogmry	980.8	0	41	+3	SSE	4	-	ogmry	3	5	44	36	ogm.	ogmry	ogmry	x
	Liverpool (Bidston) ...	986.6	34	SE	4	o	981.2	-2	39	+7	SE	3	-	om	3	6	39	32	opsm.	p3ro	or.	0.0
	Holyhead ...	983.4	44	S	5	op	979.1	-1	43	+8	SE	1	-	op	0	6	45	35	o.or.	or. c.o	op. o.c.p	0.0
	Pembroke (St. Ann's) ...	983.2	44	SE	3	or.	978.7	?	44	+4	N	1	-	gd	2	16	44	38	ogrt	ogrt. or.	or. od.	0.0
	Scilly (St. Mary's) ...	983.6	49	SSE	3	fe	980.8	+1	46	+3	WNW	4	W	bc	4	3	52	45	om. c. om	omge.	gd. bc	0.9
	Falmouth ...	983.2	43	SSE	3	odg	979.2	0	48	+5	SW	3	-	om	x	8	51	43	og. om	om. of.	gd. om	0.0
	Jersey (St. Aubin) ...	987.8	46	SE	4	od	979.8	-1	47	+7	SSE	3	-	o	0	9	47	39	or. o	od.	or. o	0.2
	Portland Bill ...	987.1	45	SSE	4	o	980.2	-1	47	+8	SSE	3	-	o	4	7	47	39	c. or.	od.	or. c	x
	Dungeness ...	991.6	42	SE	5	r.	984.2	-2	40	+4	S	3	SW	c	3	2	46	34	c.	c. or.	or. or. c	x
	Wick ...	991.6	38	N	1	om	988.7	-1	39	+3	E	4	-	omr.	5	4	40	35	bc. o	om	omp.	x
	Nairn ...	989.5	36	-	0	o	985.3	x	38	-2	-	0	-	og.	1	1	41	33	c. bc	bc. ogm.	opo	1.3
	Aberdeen ...	990.9	37	S	2	oz	986.5	-1	40	+5	SE	3	-	orm	3	7	40	35	cz	oz	oz. orm	0.4
	Leith ...	987.9	35	E	1	osm	983.8	-1	37	+3	E	1	-	om	2	5	38	34	omp.	c. ogs.	r5. rmo	x
Tynemouth ...	989.4	38	SE	4	rm.	984.1	-2	38	+6	S	1	-	om	3	2	39	30	om	omr.	omr. om	x	
Spurn Head ...	991.9	38	ESE	4	or.	984.2	-2	38	+2	SE	4	-	or	4	3	38	35	o.	or.	f. or.	0.0	
Yarmouth (Gorleston) ...	993.9	38	SSE	5	o.	985.1	-4	39	+3	SE	4	-	omd.	4	2	40	33	o.	om	omd.	0.0	
Clacton-on-Sea ...	992.4	39	SE	5	o.	984.1	-2	41	+6	SE	5	-	ogmry	3	2	41	33	og	og.	ogmry.	0.0	
Nottingham ...	989.9	36	SE	2	od	982.6	x	39	+5	E	2	-	orm.	x	4	39	34	o	ost.	oe.	0.0	
Benson (Oxon.) ...	989.5	39	SE	3	o	981.1	-4	44	+11	SE	3	-	r.	x	2	44	33	or	c.	od. o	x	
Sth Farnborough ...	x.	x.	SE	4	odm.	982.6	-2	47	+14	SSE	3	-	odm.	x	3	47	33	orgm	r. odm	d. odm	0.0	
Salisbury Plain ...	x.	x.	x.	x.	x.	x.	x.	x														

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,910. FRIDAY, 21<sup>ST</sup> FEBRUARY, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 20<sup>TH</sup> FEBRUARY.

STATIONS.		EVENING OF 19 <sup>TH</sup>					MORNING OF 20 <sup>TH</sup>										AFTERNOON OF 20 <sup>TH</sup>						
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND		Weather.	BAROMETER.		TEMP.		WIND.		Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.		Weather.	
				Dirac.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.		Weather.	Max.			Min.	Dry Bulb.	Change in 24 hours.	Dirac.		Force 0-12.
		* F.							* F.	* F.					* F.	* F.		* F.	* F.				
RUSSIA.	Orlov ...	*	*	*	*	*	994.6	*	5	+4	NW	6	S	*	*	*	Isafjord ...	1001.0	27	+11	-	0	c
	Kem ...	*	*	*	*	*								*	*	*	Reykjavik	996.2	30	+9	E	7	r
	Archangel	*	*	*	*	*	997.9		12	+18	SSW	1	o	1	*	*	Vestmanna	992.2	30	+5	ENE	9	S
	Imandra	*	*	*	*	*	999.3	*	-6			0	bc	*	*	*	Seydisfjord	1006.3	27	+17	NE	2	c
SWEDEN.	Haparanda							*						*	*	*	Thorshavn	999.4	30	-2	NE	6	b
	Hernösand							*						*	*	*							
	Stockholm							*						*	*	*							
	Wisby							*						*	*	*							
	Sordovala							*						*	*	*							
	Hangö							*						*	*	*							
ITALY.	Venice ...	1005.4	41	-	0	5	1004.7	*	41	0	-	0	f	1	46	41	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM						
	Turin ...	1004.7	46	ESE	1	5	1004.7	*	41	+7	-	0	f	5	55	34	21 <sup>ST</sup> AND 22 <sup>ND</sup> FEBRUARY.		Sunrise.	Noon.	Sunset.		
	Pesaro ...	1005.9	?	-	0	5	1005.7	*	43	+6	-	0	b	2	50	37							
	Leghorn	1005.8	52	ENE	1	bc	1003.0	*	34	0	SE	2	bc	-	59	41		G.M.T.	G.M.T.	G.M.T.			
	Rome ...	1007.9	48	-	0	bc	1005.5	*	62	+6	-	0	bc	Trace	59	46	Yarmouth ...	7.0 6.58	12.7 12.7	5.14 5.16			
	Viesti	1006.3	50	-	0	bc	1008.5	*	48		-	0	c	-	59	41	Greenwich ...	7.5 7.3	12.14 12.14	5.23 5.25			
	Brindisi	1008.3	50	S	1	b	1009.4	*	46	+4	S	1	c	1	57	45	Wick ...	7.32 7.30	12.26 12.26	5.20 5.23			
	Cagliari	1007.3	57	W	3	b	1008.9	*	50	0	SE	3	C	-	61	39	Valencia ...	7.47 7.45	12.55 12.55	5.3 5.5			
	Palermo	1010.7	54	SW	4	o	1007.3	*	59	+11	SSE	1	b	-	61	50							
	Tripoli	1016.3	54	SSW	1	bc	1014.6	*	52	-2	SSE	1	b	-	54	45							

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

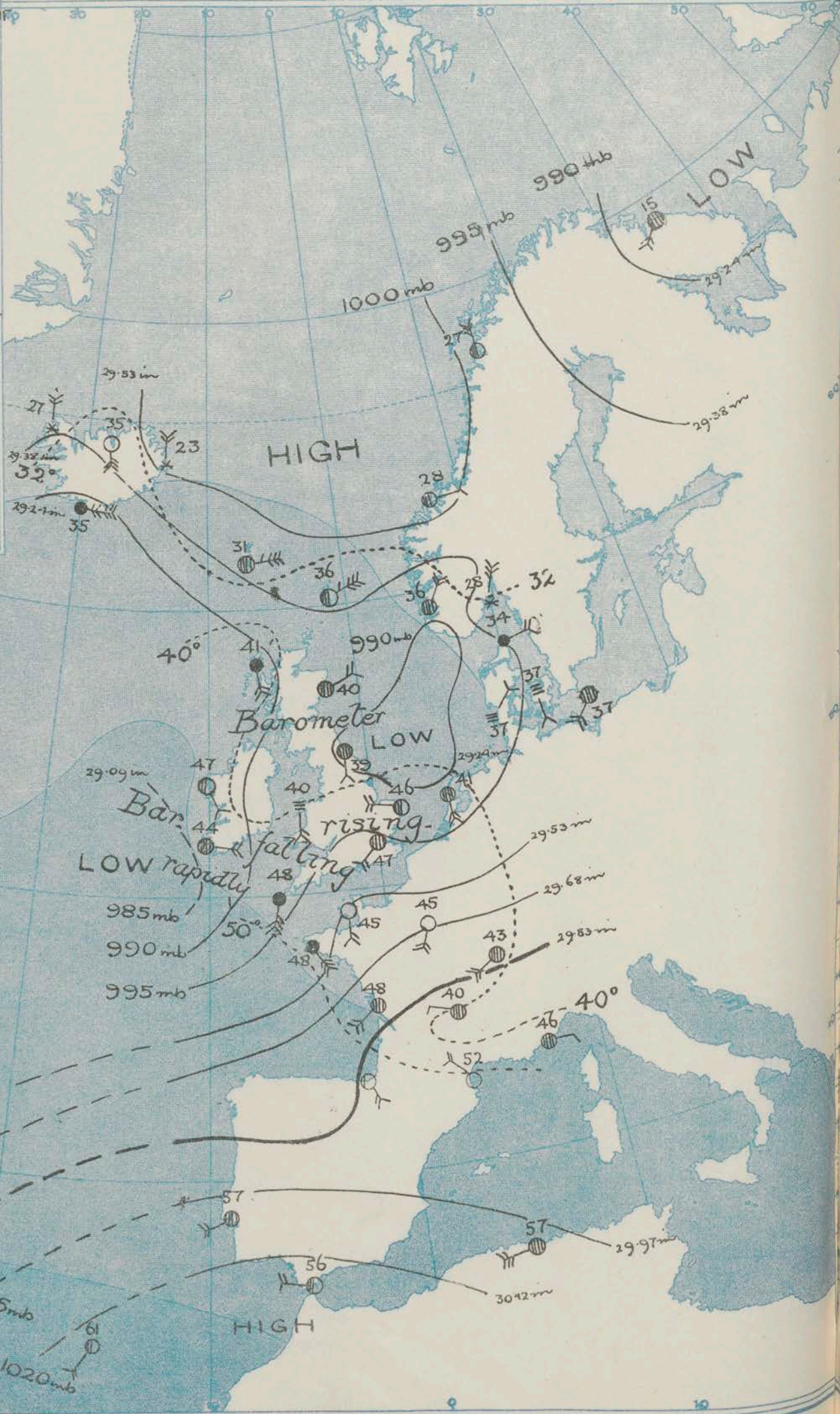
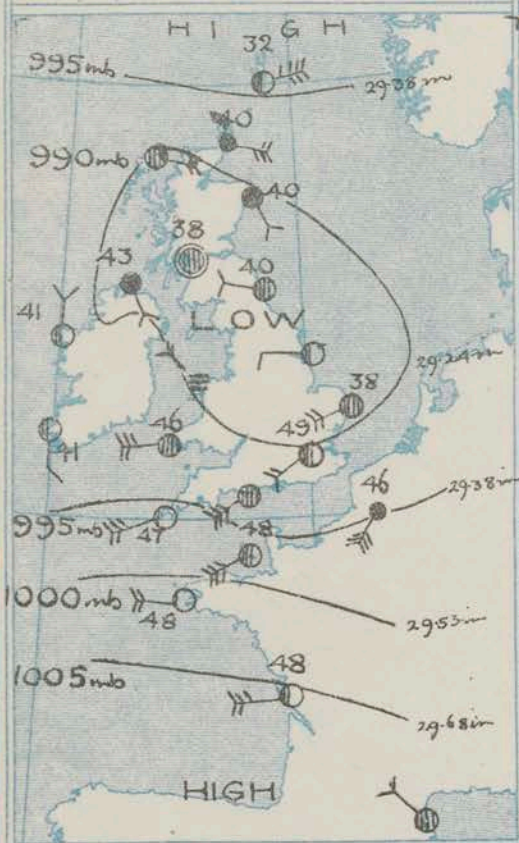
	21 <sup>ST</sup> FEB 1919	22 <sup>ND</sup> FEB 1919	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.0	6.58	12.7	5.14	5.16
Greenwich ...	7.5	7.3	12.14	5.23	5.25
Wick ...	7.32	7.30	12.26	5.20	5.23
Valencia ...	7.47	7.45	12.55	6.3	6.5

LONDON		HUMIDITY.		Sun-shine for 24 Hrs.	TEMPERATURE.			Rain-fall.	WEATHER.		
20 <sup>TH</sup> FEB.	9h. G.M.T.	15h.	9h.		Max.	Min.	Min. on Grass		Morning.	Afternoon.	Night.
GREENWICH (Royal Observatory)		94	86	0.0	51	46	40	1	o	o. cr.	cr.
CITY (Bunhill Row)		*	*	0.0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)		88	88	0.0	57	47	42	1	*	*	*
" (Roof of Admiralty Arch)		89	86	0.0	51	48	*	1	smr. sm	sm	sq. sqy
CAMDEN SQ. (British Rainfall)		92	86	0.0	50	46	40	2	cr. o	o	*
KENSINGTON PALACE		*	86	*	51	46	43	1	o	cr	*
RICHMOND PARK		*	*	0.0	*	*	*	*	*	*	*

SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during 20 <sup>TH</sup>		
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts
181	49	12

21<sup>ST</sup> FEB, at 1h. G.M.T.

THE MORNING OF FRIDAY, 21<sup>ST</sup> FEBRUARY 1919 at 7h. G.M.T.



**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. Calm.

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—

○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.

○ sky 1/2 clouded. ○ overcast sky. ● rain falling.

\* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.

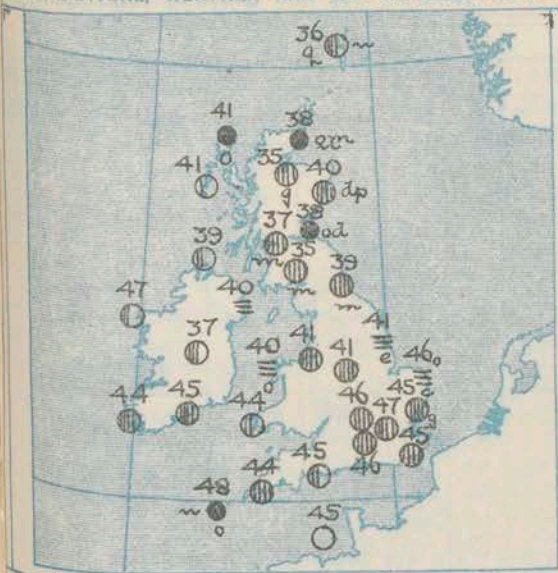
K, thunderstorm.

**SEA DISTURBANCE.**—Rough. High.

SCALE 1:12,500  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea.

Below 40° 40°-50° 50°-60° Above 60°  
Scale of Tints for FEBRUARY.



NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

Except in the south-west where rather more than 2 hours of sunshine were recorded, the day was again almost entirely sunless. Rain fell at nearly all stations the greatest amount being measured at Stornoway (18 mm.). Snow fell at Orkney. Air temperature remained above the normal for the season in most localities.

The Conditions at 7h. Today

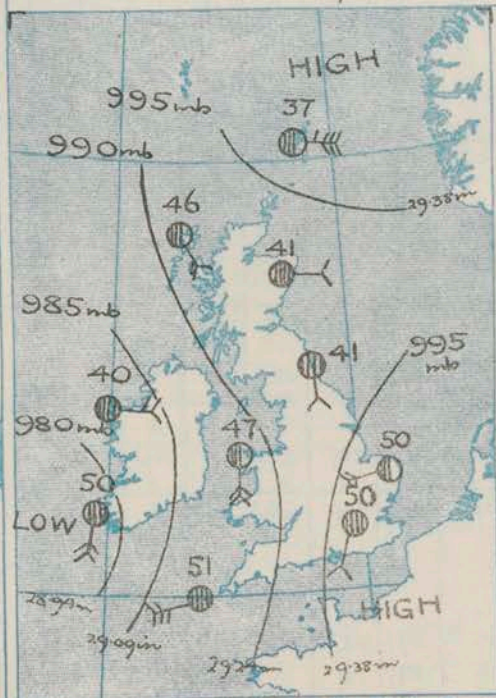
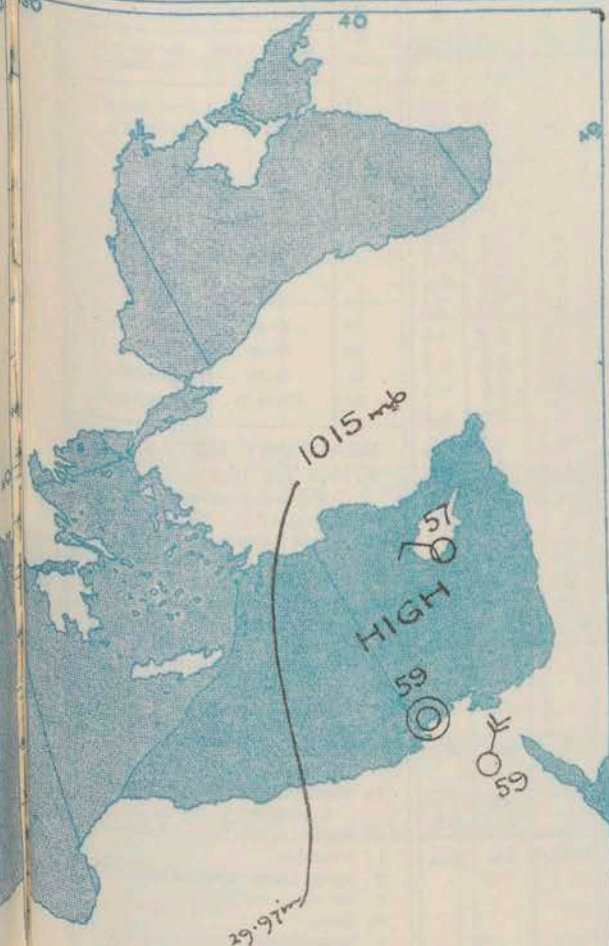
The depression which was yesterday off SW. Ireland has moved north-eastward to a position over the North Sea, where it is filling up. Winds have veered to SW. or W. over South England reaching the force of a moderate to fresh breeze. A new disturbance of considerable intensity has appeared off SW. Ireland and winds have backed to SE. over the area between NW. Ireland and the Mouth of the Channel. Pressure is high along the Southern shores of the Mediterranean. Rain is falling in parts of Scotland, NE. France, the Netherlands and at the Mouth of the Channel.

The Outlook

The depression in the south-west will probably cause a general backing of wind to SE. over the Southern part of the British Isles. A continuance of unsettled rainy, weather is indicated.

FRIDAY, 21<sup>ST</sup>

FEBRUARY, 1919, at 12h. (1p.m.) G.M.T.



The depression in the south west is spreading eastward and the barometer is falling briskly over the area to southward of a line from the north of Ireland to Great Yarmouth.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1919. No. 52.

FRIDAY  
FEBRUARY 21<sup>ST</sup>

STATIONS.	EVENING OF... 20 <sup>TH</sup>					MORNING OF... 21 <sup>ST</sup>										24 HOURS ENDED 7 h. 21 <sup>ST</sup>					Sun- shine for 20 <sup>TH</sup>	
	Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	996.4	32	ENE	6	cg	996.3	-1	36	0	ENE	7	NE	cg	5	-	36	30	c	cg	cg	Hours
	Houton B. (Orkney) ...	990.6	35	E	9	TSQ	992.8	+1	35	+1	E	7	*	TS	5	3	36	33	TS	TS	*	
	Stornoway ...	987.2	38	E	5	OTQ	989.7	+1	41	+4	SSE	4	-	OT	3	18	41	37	OTQ	OTQ	OT	0.0
	Castlebay (Barra Isd.) ...	984.8	44	SE	4	o	988.8	+1	41	-1	ESE	1	-	b	2	3	44	39	o	o	OT-o.b	0.0
	Glasgow ...	986.8	39	ENE	3	om	992.4	+3	37	+3	E	1	-	om	*	1	39	33	op-omg	om	o	0.0
	Eskdalemuir ...	985.5	36	-	0	om	992.1	+3	35	+1	-	0	-	o	*	2	37	33	om-omg	OT-om	om-o	0.0
	Malin Head ...	984.1	43	ESE	2	cm	989.3	0	39	-3	SW	2	SW	bc	2	2	44	36	om	om	bc	0.0
	Blacksod Point ...	985.8	45	NW	1	om	989.1	-3	47	+3	ESE	2	-	bc	3	3	47	35	ogt.	ogm.	omp-bc	*
	Valencia (Cahirciveen) ...	988.6	47	WNW	4	op	986.1	-1	44	-4	E	4	-	o	3	1	49	37	op.	c.op	c.b.bc.o	0.4
	Roche's Point ...	985.4	48	W	5	o	989.7	-3	45	0	SE	4	-	o	4	1	51	37	ot-o	o.c.o	op-om	*
	Birr Castle ...	985.0	47	S	1	T	989.6	*	37	-8	SE	1	-	c	*	1	49	35	c-odp	c-odf	OT-cx	0.0
	Donaghadee ...	985.3	42	SW	1	ogm.	991.4	+1	40	-1	SW	1	-	og	1	6	42	39	ogm	ogm.	og sp.	*
	Liverpool (Bldston) ...	983.5	44	SSW	1	o	992.9	+2	41	+2	W	2	W	o	2	2	44	39	Tfo.	op	omd	0.0
	Holyhead ...	983.3	45	S	1	fg	992.2	+1	44	+1	S	3	-	og	2	1	48	42	opdc	ogp dc.	fg-og	0.0
	Pembroke (St. Ann's) ...	983.6	46	SW	3	opd.	994.2	-8	44	0	SW	3	-	bc	4	1	47	43	fg-f	opd.	cp-b.op	1.2
	Scilly (St. Mary's) ...	989.1	48	W	7	o	993.5	-3	48	+2	SSE	5	W	OT	6	0.1	50	46	c.o	o.	bc.c.o	0.1
	Falmouth ...	989.0	49	WSW	6	ogm.	995.4	+4	45	-3	S	3	SW	OT	*	Trace	52	43	m.bom.o	om-odm	og/b.bc	2.2
	Jersey (St. Aubin) ...	992.1	49	WSW	5	og	1000.6	+1	45	-2	S	3	-	b	3	2	50	44	OT-c.o	c.bc.og	og b.	1.2
	Portland Bill ...	987.7	46	WSW	4	c.	997.1	+4	45	-2	WSW	4	SW	bc	4	-	47	42	omd.c	c.	c.bc.	*
	Dungeness ...	986.5	45	SW	4	o	996.2	+5	45	+5	WSW	5	SW	c	4	1	47	40	c.pc.	c.ot.fg.	c.op.ec	*
NORTHERN EUROPE.	Wick ...	990.6	39	ENE	5	omr.	993.1	+1	38	-1	E	5	-	omr.	6	11	41	38	omr.	omr.	omr.	*
	Nairn ...	988.3	37	ENE	2	o	991.5	*	35	0	-	0	-	og	1	1	39	34	og	odg.	opg	0.0
	Aberdeen ...	988.2	41	ENE	3	OT	991.9	+2	40	0	ENE	3	-	odp.	3	13	41	39	mr.OT	OT.	OT	0.0
	Leith ...	985.6	40	NE	2	OT.	991.4	+1	38	+1	WSW	1	-	odp.	2	12	40	37	omd.	T.	T.m.d	*
	Tynemouth ...	983.7	41	SSE	2	rm.	989.6	+2	39	+1	S	2	-	om	3	8	41	37	omr.	omr.	om	*
	Spurn Head ...	984.1	40	SE	1	om.	992.0	+2	41	+3	W	2	-	f	3	4	41	38	omg	ogm.	fg	0.0
	Yarmouth (Gorleston) ...	986.2	40	S	3	om.	993.2	+4	46	+7	NW	4	-	cm	3	1	47	39	omd.	omd.	omp.cm	0.0
	Clacton-on-Sea ...	986.6	42	S	3	T.	994.8	+5	45	+4	WSW	3	-	og	2	1	45	40	ogmp.	ogmp.	ogmp	0.1
	Nottingham ...	984.3	43	SW	1	dg.	993.5	*	41	+2	SW	2	SW	om	*	4	44	38	T.om	odm.	d-og	0.0
	Benson (Oxon.) ...	986.4	47	W	2	c	995.2	+5	46	+2	WSW	3	-	o	*	1	51	44	ro.	c.	T.o	*
	St. Farnborough ...	*	*	WSW	3	o	996.2	+5														

## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Meters per second.
0	Less than 1	Less than .9
1	1-3	0.9-1.5
2	4-7	1.6-3.8
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

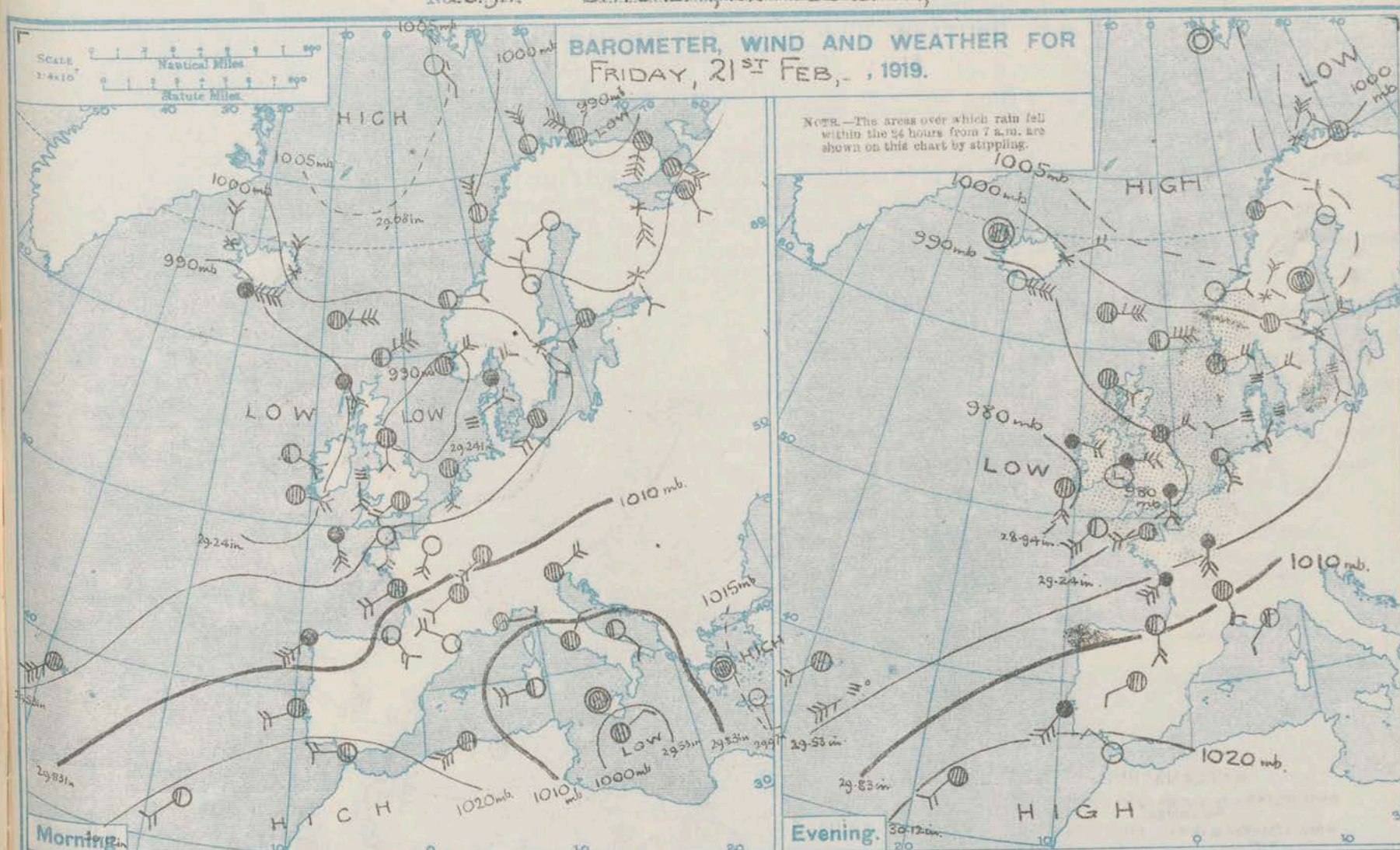
## BEAUFORT NOTATION.

- 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.

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20.911.

SATURDAY, 22<sup>ND</sup> FEBRUARY, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 21<sup>ST</sup> FEBRUARY.

WEATHER TELEGRAMS FROM FOREIGN STATIONS.

STATIONS.	EVENING OF... 20 <sup>th</sup> ...					MORNING OF... 21 <sup>st</sup> ...										AFTERNOON OF... 21 <sup>st</sup> ...								
	Barom. Millibars at M.S.L.	TEMP.	WIND		Weather.	Barometer. Millibars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Force 0-12.	Weather.	Rain-fall. Millimetres.	TEMP.		ICELAND.	Barom. Millibars at M.S.L.	TEMP.		WIND.		Weather.	
			Dirac.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.				Max.	Min.			Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.		
RUSSIA.	Orlov ...	*	*F.	*	*	995.7	*	F.	+7	SSW	8	0	*	*F.	*F.		Isafjord ...	995.3	29	+2	-	0	S	
	Kem ...	*	*	*	*	995.8	*	*	?	SW	5	S	*	*	*		Reykjavik	988.8	32	+2	E	7	C	
	Archangel	*	*	*	*	1003.7	+7	16	+4	S	3	0	1	*	*		Vestmanna	989.1	33	+3	E	9	S	
	Imandra	*	*	*	*									*	*		Seydisfjord	1002.6	29	+2	NE	5	S	
SWEDEN.	Haparanda					997.1	*	0		WSW	2	b	*	*	*		Thorshavn	998.4	38	+8	ESE	7	0	
	Hernösand					1004.0	*	16		N	2	b	*	*	*									
	Stockholm					1001.2	*	32		SE	2	S	*	*	*									
	Wisby					999.4	*	36		S	2	T	*	*	*									
	Sordovals					1002.4	*	18		S	2	S	*	*	*									
Hangö					1002.1	*	32		SW	3	0	*	*	*										
ITALY.	Venice	1006.7	46	NE	5	T		1010.5	*	48	+7	-	0	0	5	48	41							
	Turin	1008.3	43	-	0	T		1010.5	*	41	0	-	0	bc	3	46	41							
	Pesaro	1006.7	48	E	4	0		1011.3	*	45	+2	-	0	0	6	52	43							
	Leghorn	1003.5	50	NNE	1	T		1007.5	*	54	0	ENE	2	0	4	55	46							
	Rome	1006.2	54	ESE	1	T		1007.9	*	52	0	-	0	5	57	50								
	Viesti	1003.7	52	SE	1	b		1009.0	*	50	+2	SE	1	bc	-	54	?							
	Brindisi								*															
	Cagliari	1001.9	65	SE	4	0		1005.9	*	50	0	W	4	bc	-	63	45							
	Palermo	1006.3	57	-	0	0		1005.8	*	65	+4	-	0	0	-	72	50							
	Tripoli								*															

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

22 <sup>ND</sup> AND 23 <sup>RD</sup> FEB 1919.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth	...	6.53	12.7	5.16
		6.56	12.7	5.18
Greenwich	...	7.3	12.14	5.25
		7.1	12.14	5.27
Wick	...	7.30	12.26	5.23
		7.27	12.26	5.25
Valencia	...	7.45	12.58	6.5
		7.43	12.55	6.7

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

22 <sup>ND</sup> AND 23 <sup>RD</sup> FEB 1919.		Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.	
Yarmouth ...	6.53	12.7	5.16	
Greenwich ...	6.56	12.7	5.18	
Wick ...	7.3	12.14	5.25	
Valencia ...	7.1	12.14	5.27	
	7.30	12.26	5.23	
	7.27	12.26	5.25	
	7.45	12.55	6.5	
	7.43	12.55	6.7	

LONDON	HUMIDITY.		Sun-shine for 24 h.	TEMPERATURE.			Rain-fall.	WEATHER.		
	15 h.	9 h.		Max.	Min.	Min. on Grass		Morning.	Afternoon.	Night.
22 <sup>ND</sup> FEB. 9h. G.M.T.	21 <sup>ST</sup>	22 <sup>ND</sup>	21 <sup>ST</sup>	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	91	93	1.1	51	46	43	5	o.c.	st	o
CITY (Bunhill Row)	x	x	0.1	x	x	x	x	x	x	x
WESTMINSTER (St. James's Park)	90	94	0.5	52	48	42	5	x	x	x
" (Roof of Admiralty Arch)	86	89	0.3	52	48	x	5	g.m.	over.	over.
CAMDEN SQ. (British Rainfall)	99	92	0.6	51	47	41	7	c. sd	st	x
KENSINGTON PALACE	x	86	x	50	48	43	6	st.	st.	x
RICHMOND PARK	x	x	0.9	x	x	x	x	x	x	x

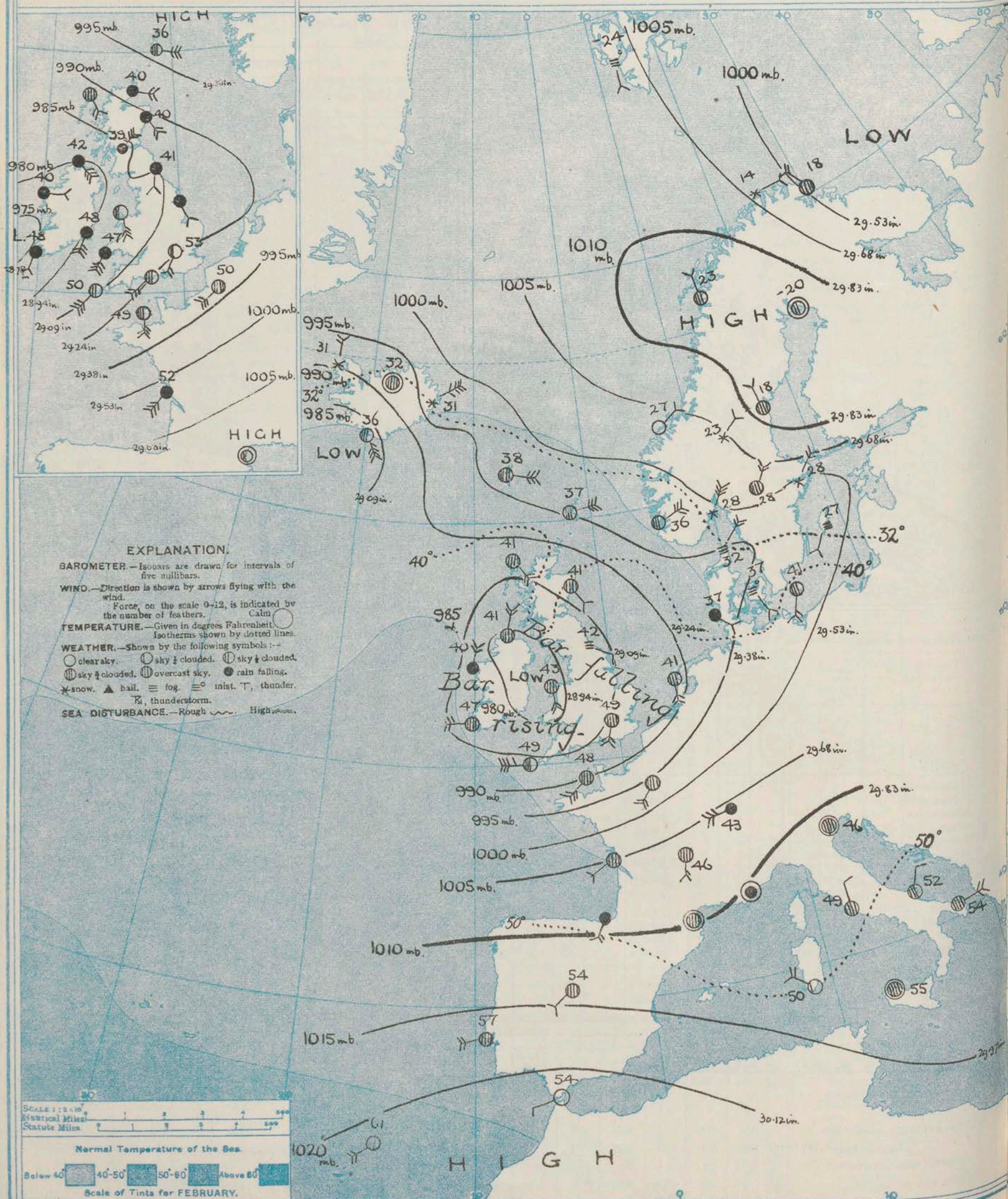
SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during 21 <sup>ST</sup> .		
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
328	8.9	26.

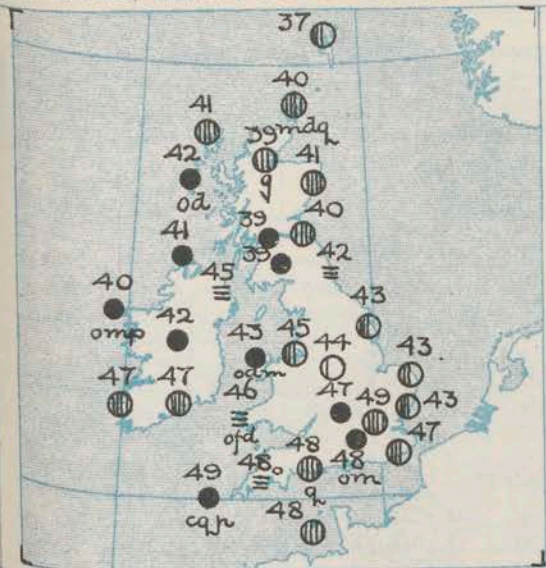
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

z The barometric change is expressed in half-millibars.

22<sup>nd</sup> FEB, at 1h. G.M.T.

THE MORNING OF SATURDAY, 22<sup>nd</sup> FEBRUARY 1919 at 7h. G.M.T.





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

Rainfall was very generally distributed, Lerwick being the only station reporting no precipitation. The heaviest falls occurred in the south-west, 20 mm. at Falmouth being the highest measurement. Small amounts of sunshine were recorded in most districts, 3.6 hours being registered at Castlebay. Weather continued generally mild.

The Conditions at 7h. Today

The depression which was off south-west Ireland yesterday has moved north-eastward and is now centred near Dublin. A complete cyclonic wind circulation is seen over the British Isles, the force being strongest in the WSWly current up the English Channel. Other low pressure centres are located to SW. of Iceland and North of the White Sea respectively. Pressure is high over NW. Africa and also in the Eastern Mediterranean. Mild, unsettled weather prevails over the British Isles and rain is falling at many stations.

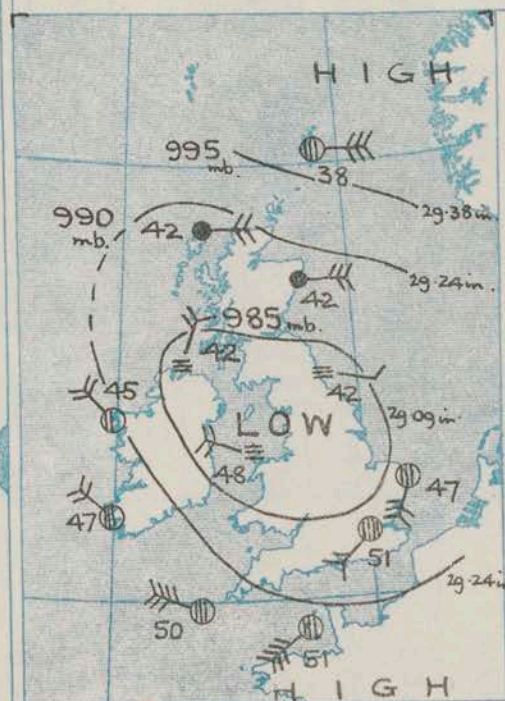
The Outlook

A considerable fall of pressure has occurred in Iceland and there is now a general Southerly circulation to westward of the British Isles. Mild weather is, therefore, likely to continue. The depression now on the map will cause further rainfall over Great Britain as it passes eastward but an improvement is probable in its rear.

E.S.B.

SATURDAY, 22<sup>ND</sup>

FEBRUARY, 1919, at 12h. (1p.m.) G.M.T.



The depression is moving eastward and growing less deep.

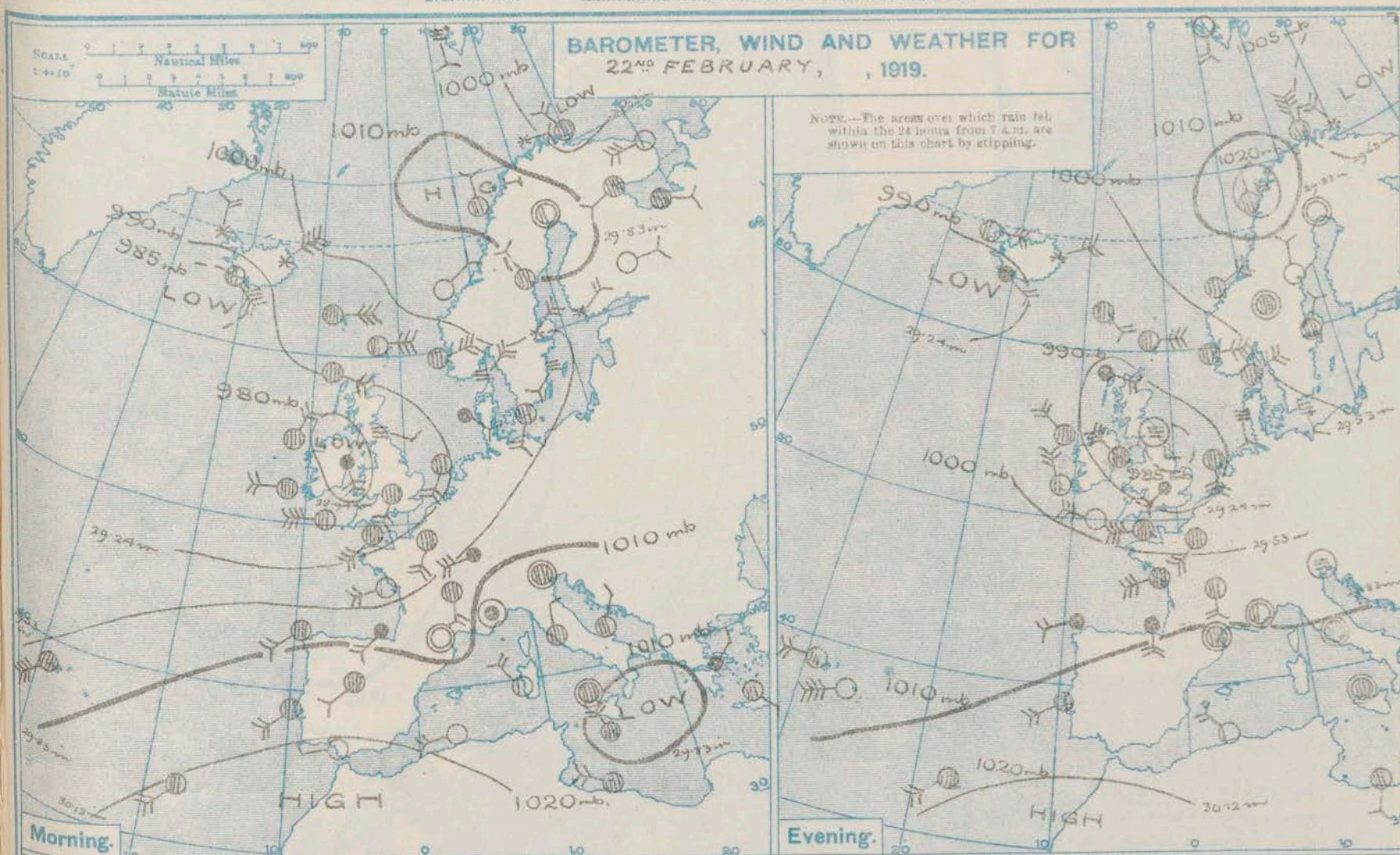
STATIONS.		EVENING OF... 21 <sup>ST</sup>				MORNING OF... 22 <sup>ND</sup>										24 HOURS ENDED 7 h. ... 22 <sup>ND</sup>					Sun- shine for 21 <sup>ST</sup> Hours	
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.	Direc. of Upper Cloud.	Weather.	Sea (9-9).	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Dir.	Force 0-12.				Dry Bulb.	Change in 24 hours.						Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick	996.5	36	E	6	cq.	995.2	-1	37	+1	E	6	E	c	4	-	38	36	cq.	cq.	c	1.0
	Houton B. (Orkney)	992.8	37	E	5	o.	990.1	-1	37	+2	E	8	o	o	5	38	35	bc.c	bc.c	r.og	0.0	
	Stornoway	990.3	41	SE	3	o	987.5	0	41	0	ESE	4	o	o	3	43	38	o	o	bc.o	0.0	
	Castlebay (Barra Isd.)	988.0	44	E	3	o	984.2	0	42	+1	E	4	o	o	4	46	39	bc.	c.o	o.ed.	3.6	
	Glasgow	989.7	38	ENE	3	om.	984.0	0	39	+2	ENE	4	o	omp	2	41	35	om.	c.om.	op.ogp.	0.1	
	Eskdalemuir	989.3	37	ENE	4	o	983.5	-1	39	+4	NE	4	o	o	4	42	33	oc.bc.o	o	o.ot.	0.0	
	Malin Head	983.9	43	ESE	5	omg.	979.9	-1	41	+2	NNE	4	o	omg.d	5	45	39	bc.m.	omg.	omg.d	1.8	
	Blacksod Point	980.1	40	E	4	omr.	984.6	+5	40	-7	NNE	4	o	omp	3	47	35	om.	omr.	om.omp	0.0	
	Valencia (Cahirciveen)	976.9	49	S	4	o	983.8	+9	47	+3	W	5	o	o	4	53	44	ot.o	o.cp.	c.ot.o	1.3	
	Roche's Point	981.3	47	SW	3	r.	981.8	+3	47	+2	W	5	o	o	5	50	44	omr.	rc.ot.	r.om.o	0.0	
	Birr Castle	979.6	44	SSE	1	r.	980.8	0	42	+5	NW	1	o	o	7	46	36	c.ot.	ot.	ot.c.od.	0.0	
	Donaghadee	984.9	43	ESE	5	ogp.	979.8	0	45	+5	E	2	o	o	2	45	38	ogp.	ogp.	ogp.	0.0	
	Liverpool (Bidston)	984.0	43	ESE	4	r.	981.0	-2	45	+4	SE	3	SE	c	3	46	41	o.bc.	c.ot.	o.p.c	1.1	
	Holyhead	980.2	44	E	5	omr.	979.3	-1	43	-1	SSE	4	o	odm	2	48	43	op.fec	c.otm.	od.cp	0.2	
	Pembroke (St. Ann's)	983.6	47	SW	5	c	979.2	0	46	+2	WSW	4	o	ogd.	5	48	43	bc.ogp.	ogp.	cq.otm.	0.0	
	Scilly (St. Mary's)	987.2	50	SW	5	bc	985.5	+1	49	+1	W	7	W	cyp	7	52	47	omr.o	c.bc	bc.cyp	1.7	
	Falmouth	987.4	50	SW	6	ogm.	985.0	+2	48	+3	WSW	7	o	bcy	20	52	44	r.ogp.	omg.	o.bcgy.	0.0	
	Jersey (St. Aubin)	992.3	48	W	4	omr.	990.7	0	48	+3	SW	5	o	o	4	50	44	b.ot.	ot.ode.	ot.c.o	0.0	
	Portland Bill	988.0	48	WSW	6	c	985.5	-1	48	+3	SW	6	o	ogp.	5	49	45	bc.ot.	ot.c	cgr.	0.0	
	Dungeness	989.3	47	S	5	r.	989.0	-1	47	+2	SW	5	SW	c	4	48	45	c.	c.ot.	r.o.cpc	0.0	
Wick	992.5	40	E	4	omr.	989.5	-2	40	+2	E	4	o	omg.	5	41	37	omrg	om.ome	omr.d	0.0		
Nairn	991.5	37	E	1	om.	987.1	0	39	+4	E	1	o	ogp.	1	41	34	o.cq.	c.bc.c	ogp.	2.2		
Aberdeen	991.9	40	ENE	3	o.	987.8	0	41	+1	ESE	2	o	og	3	42	39	od.p.o.	o.	om.	0.0		
Leith	990.1	40	E	2	o	984.6	-1	40	+2	E	2	E	o	3	41	38	omd.dnd	od.o	od.	0.0		
Tynemouth	989.6	40	S	2	om	983.3	-1	42	+3	ESE	1	o	o	3	43	39	om.	om.	omr.	0.0		
Spurn Head	990.7	42	ESE	3	om.	985.0	0	43	+2	SSW	4	o	o	4	45	39	om.	o.c.m.	ot.c	0.0		
NORTHERN EUROPE.	Yarmouth (Gorleston)	992.6	41	S	5	r.	988.2	+1	43	-3	S	4	o	bc	4	51	40	om.	om.ome	bcgyr	1.3	
	Clacton-on-Sea	990.3	43	SE	5	r.	988.4	-1	43	-2	SSE	4	SW	o	3	46	41	og.a	c.ogp.	og.cq.	1.3	
	Nottingham	987.0	44	E	2	ot.	984.2	0	44	+3	S	1	S	b	9	48	41	o.	r.	r.o.	0.1	
	Benson (Oxon.)	985.5	46	SSW	4	r.	984.3	-3	47	+1	S	3	o	o	9	49	45	o.	r.	ot.o	0.0	
	Sth Farnborough	986.7	48	WSW	6	omr.	986.7	-3	48	+2	SSW	6	o	omr.	8	48	45	o.ot.	omr.	r.ogp.	0.7	
	Salisbury Plain	986.7	48	WSW	6	omr.	986.7	-3	48	+2	SSW	6	o	omr.	8							

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

N.20,912

SUNDAY, 23<sup>RD</sup> FEBRUARY, 1919.

## BAROMETER, WIND AND WEATHER FOR 22<sup>ND</sup> FEBRUARY, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 22<sup>ND</sup> FEBRUARY

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 22 <sup>ND</sup>																AFTERNOON OF 23 <sup>RD</sup>						
STATIONS.	EVENING OF 22 <sup>ND</sup>					MORNING OF 23 <sup>RD</sup>										ICELAND.	TEMP.					WIND.
	Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Force 0-12.	Weather.	Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Force 0-12.	Weather.	Rain-fall. Millimetres.	Temp. Max.	Temp. Min.		Barom. Millibars at M.S.L.	Dry Bulb.	Change in 24 hours.	Wind Direc.	Force 0-12.	
RUSSIA.	Orlov ...	x	x	x	x	x	1006.4	x	3	-9	W	5	b	-	x	x	Isafjord ...	989.3	36	NE	4	c
	Kem ...	x	x	x	x	x	1007.7	-	+1	-20	W	1	o	-	x	x	Reykjavik	985.5	34	SE	4	o
	Archangel ...	x	x	x	x	x									x	x	Vestmanna	988.2	36	SE	4	c
	Imandra ...	x	x	x	x	x									x	x	Seydisfjord	998.4	32	NE	6	s
SWEDEN.	Haparanda ...	1007.5	-2	N	2	b	1010.1	x	-20	-20	-	0	bc	x	x	x	Thorshavn	995.8	34	SE	3	c
	Hernösand ...	1007.8	25	-	0	o	1010.9	x	18	+2	NNW	2	o	x	x	x						
	Stockholm ...	1001.3	32	ENE	4	s	999.1	x	28	-4	NE	4	s	x	x	x						
	Wisby ...	998.9	36	S	2	f	998.7	x	27	-9	SW	2	f	x	x	x						
	Karlstad ...	999.5	28	E	2	o	1001.6	x	28	+10	NE	4	o	x	x	x						
	Ångö ...													x	x	x						
ITALY.	Venice ...	1012.7	50	SSW	1	o	1010.7	x	46	-2	-	0	o	-	54	44	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON, AND SUNSET FOR STATIONS IN THE UNITED KINGDOM					
	Turin ...						1011.3	x	43	+2	-	0	o	1	55	41	23 <sup>RD</sup> APR 24 <sup>TH</sup> FEB 1878.					
	Pesaro ...	1015.0	48	-	0	o	1011.3	x	43	-2	-	0	o	-	52	43	Sunrise Noon Sunset					
	Leghorn ...	1011.9	54	-	0	bc	1010.6	x	52	-2	NW	1	o	-	59	50	G.M.T. G.M.T. G.M.T.					
	Rome ...	1012.1	52	-	0	o	1012.6	x	49	-3	-	0	o	4	57	43	Yarmouth ... 6.56 12.7 5.18					
	Viesti ...	1014.2	52	N	1	o	1012.9	x	52	+2	NNE	1	o	-	54	?	Greenwich ... 7.1 12.14 5.27					
	Brindisi ...	1013.1	50	N	2	o	1013.0	x	54	-	-	0	o	2	59	50	Wick ... 6.53 12.13 5.28					
	Cagliari ...	1005.9	57	-	4	b	1013.9	x	50	0	NW	3	b	2	63	43	Valencia ... 7.27 12.26 5.25					
	Palermo ...	1007.9	55	-	0	o	1011.8	x	55	0	-	0	o	4	61	60	Wick ... 7.43 12.25 5.27					
	Tripoli ...						1015.9	x	57	-	WNW	4	o	5	?	54	Valencia ... 7.43 12.25 5.27					

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

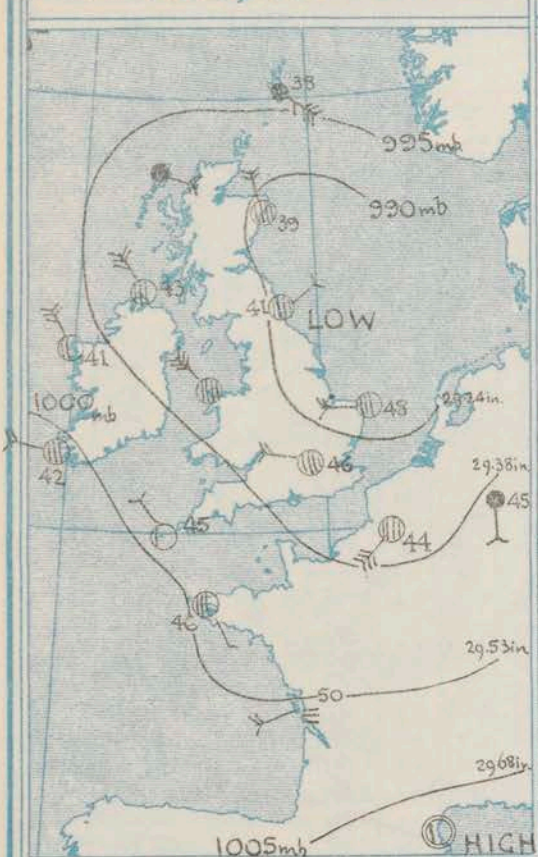
STATION.	23 <sup>RD</sup> FEB 1919.	24 <sup>TH</sup> FEB 1919.	25 <sup>TH</sup> FEB 1919.
Yarmouth ...	6.56	12.7	5.18
Greenwich ...	6.53	12.6	5.19
Wick ...	7.27	12.26	5.25
Valencia ...	7.43	12.55	6.7

LONDON	HUMIDITY.		Sun-shine for 24 hours.	TEMPERATURE.			Rain-fall.	WEATHER.		
	25 h.	0 h.		Max.	Min.	Min. on Glass.		Morning.	Afternoon.	Night.
23 <sup>RD</sup> FEB. 9h. G.M.T.	22 <sup>ND</sup>	23 <sup>RD</sup>	22 <sup>ND</sup>							
GREENWICH (Royal Observatory)	82	82	0.1	53	43	40	3.0	o, c	od	or
CITY (Bunhill Row)	x	x	0.0	x	x	x	x	x	x	x
WESTMINSTER (St. James's Park)	80	85	0.0	52	44	40	3.0	o, m	o, m	o, m
(Road of Admiralty Arch)	88	69	0.0	52	44	x	2.0	o, m	o, m	o, m
CAMDEN SQ. (British Rainfall)	80	84	0.0	52	42	37	3.0	o, or	or	x
KENSINGTON PALACE	x	84	x	49	44	41	2.0	o	o	x
RICHMOND PARK	x	x	0.1	x	x	x	x	x	x	x

SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during 22 <sup>ND</sup>		
Total.	Average Rate.	Max. Rate.
230	6.2	18

23<sup>rd</sup> FEB, at 1h. G.M.T.

THE MORNING OF Sunday, 23<sup>rd</sup> FEBRUARY 1919 at 7h. G.M.T.



# EXPLANATION.

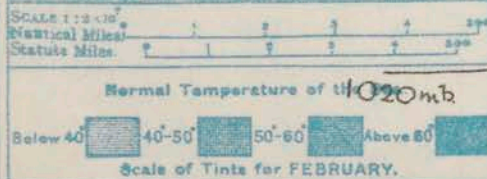
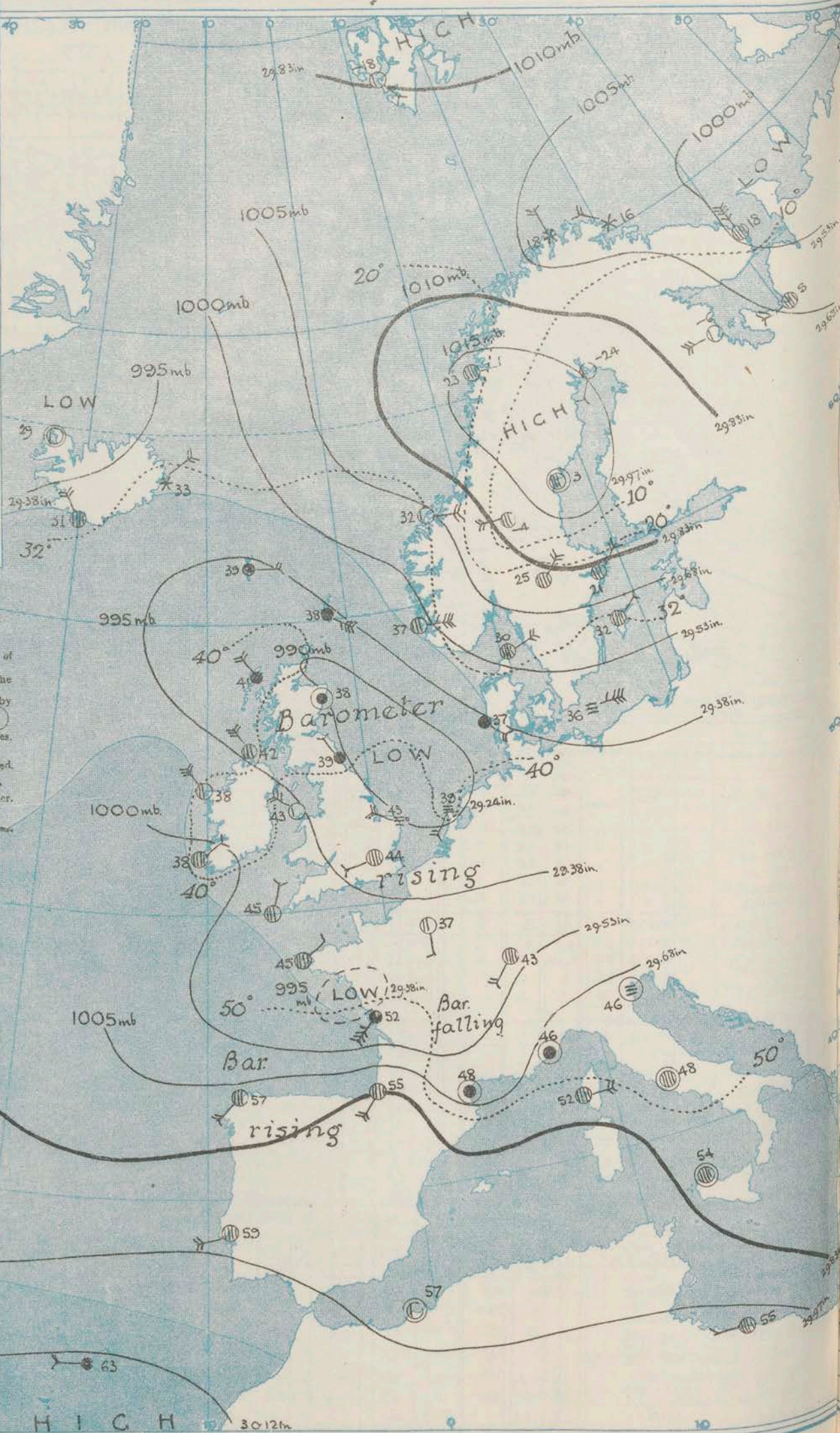
BAROMETER.—Isobars are drawn for intervals of five millibars.

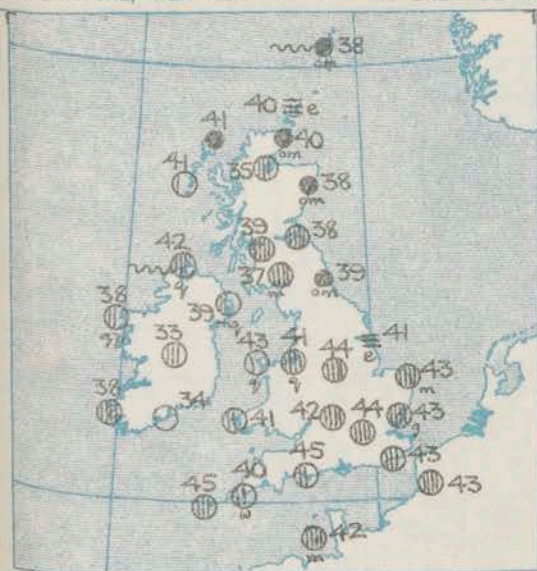
WIND.—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—  
 ☉ clear sky. ☁ sky & clouded. ☁ sky & clouded.  
 ☁ sky & clouded. ☁ overcast sky. ☁ rain falling.  
 \* snow. ▲ hail. ☁ fog. ☁ mist. T. thunder.  
 ☁ thunderstorm.

SEA DISTURBANCE.—Rough. High.





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

Over the southern parts of England temperature exceeded  $50^{\circ}$  in several places, and reached  $52^{\circ}$  at Kew Observatory. The minimum readings of the night were generally above  $35^{\circ}$  and only in Central Ireland did temperature fall to the freezing point. Rain fell at all stations, the amounts although generally small, varying considerably; 12 mm. were measured at Donaghadee. In Scotland and locally in England the day was sunless. Except in the south-west, where Scilly recorded  $6\frac{1}{2}$  hours, the amounts of sunshine were small.

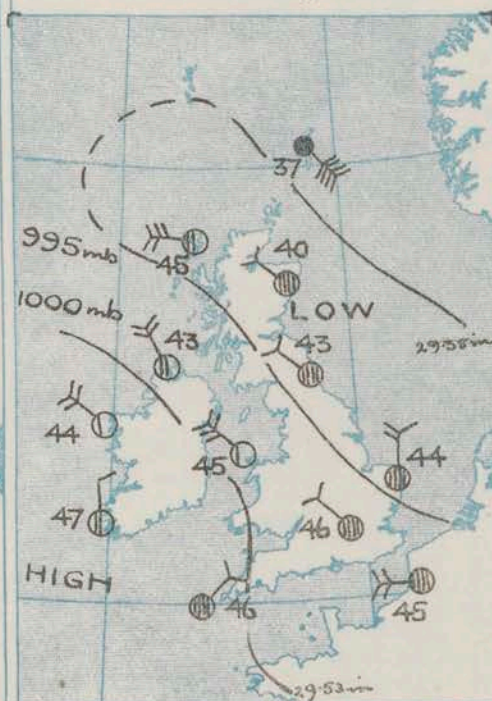
The Conditions at 7h. Today

A large region of low pressure extends from the Farøe south-eastward to the Netherlands. Centres of minimum pressure are located over the Central North Sea and off the north-east coast of Scotland near Wick. A third centre is indicated over the west coast of France northward of Rochefort. Anticyclones are seen over Norway and to southward of Madeira. The latter is expanding northward and pressure has risen considerably at the Azores.

The main wind current over the British Isles is from north-west, moderate to fresh in force, but a strong SE. wind is blowing between the Shetlands and Orkneys. Two well marked areas of rainfall are to be observed, the first the Farøe, Northern and Eastern Scotland and NE. England, the latter extending from Flushing to Blaavands Huk on the west coast of Denmark. Over the Western half of the British Isles generally fair weather prevails.

SUNDAY, 23<sup>RD</sup>

FEBRUARY, 1919, at 12h. (1p.m.) G.M.T.



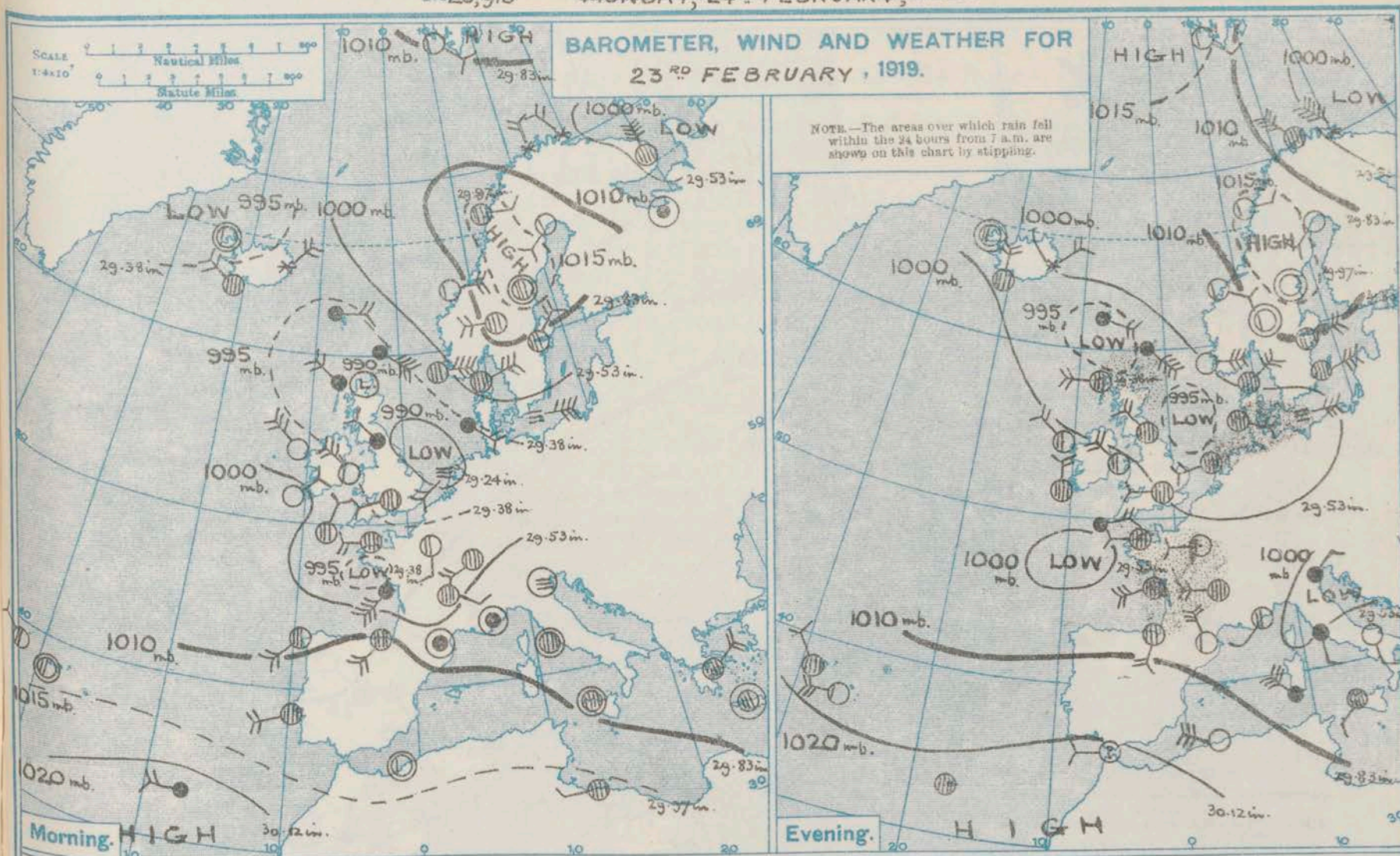
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1919. No. 54. Sunday February 23<sup>rd</sup>

STATIONS.		EVENING OF 22 <sup>nd</sup>					MORNING OF 23 <sup>rd</sup>										24 HOURS ENDED 7 h. 23 <sup>rd</sup>					Sun. shining for 22 <sup>nd</sup>
		Barom. Millibars at M.S.L.	Temp.	WIND.		Weather.	Barometer.		Temp.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rain-fall. Millimetres.	Temp.		WEATHER.			
				Dir.	Force 0-12		Millibars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	995.8	38	E	6	c	994.9	-2	38	+1	ESE	7	-	omr	5	2	39	36	c	c	omr	Hours
	Houton B. (Orkney)	991.3	38	ESE	7	f	990.1	-3	40	+3	ESE	5	-	25	4	2	40	35	f	pd	rd	0
	Stornoway	988.8	42	ESE	4	or	990.9	0	41	0	NW	4	-	or	3	7	43	39	or	or	or	0
	Castlebay (Barra Isd.)	-	-	-	-	-	993.9	+1	41	-1	WNW	4	-	b	4	2	43	40	-	-	od. o. b	0.0
	Glasgow	988.1	41	ENE	2	omr.	993.1	+2	39	0	W	3	-	o	5	5	42	37	omr.	od. omr.	od. o	0.0
	Eskdalemuir	986.9	40	N	3	omr.	992.7	+3	37	-2	WNW	3	-	omr	3	3	42	35	or. omr.	om. o. omr.	od. o	0.0
	Malin Head	988.0	43	NW	4	cyp	994.1	+2	42	+1	NW	5	-	ca	5	1	46	39	fc	omr.	ca	0.0
	Blackod Point	994.8	42	NW	4	omr.	999.4	0	38	-2	NW	5	-	bcyp	4	1	45	37	bc	omr.	bc. bc	0
	Valencia (Cahirveen)	997.5	46	NW	6	bc	1000.9	+2	38	-9	NE	2	-	o	3	1	48	36	op. o. bc	op. bc	bc. bc	2.4
	Roche's Point	995.5	45	WNW	4	b	1000.3	+1	34	-13	N	1	-	b	3	0.1	49	34	b. c.	c. bc. b	bx	0
	Birr Castle	992.9	45	NW	2	c	998.9	0	33	-9	NW	1	-	c	4	0.4	48	32	od. c	c.	c.	2.0
	Donaghadee	987.5	44	NW	2	of. r	995.2	+2	39	-6	NW	5	-	bcmy	4	12	45	38	of. d.	of. r.	op. bc	0
	Liverpool (Bidston)	986.3	43	W	3	t.	993.2	+3	41	-4	WNW	5	-	or	4	3	50	39	o.	p.	or	0.0
	Holyhead	987.7	44	NW	6	op.	995.9	+2	43	0	NW	5	-	bc	4	1	49	39	od. eo.	of. r. op.	op. pc	0.0
	Pembroke (St. Ann's)	992.6	45	NW	4	cyp	998.2	0	41	-5	NW	2	-	bc	4	0.4	47	40	of. d. o	op. ca.	ca. v. o. v	0.0
	Scilly (St. Mary's)	996.7	47	WNW	6	bm.	998.5	0	45	-4	NNE	2	-	c	3	-	51	43	om.	bc. om.	bc. c	6.5
	Falmouth	995.7	49	W	4	b	998.4	0	40	-8	WNW	1	-	bcw	4	1	51	40	op. ca.	op. bc.	bc	2.4
	Jersey (St. Aubin)	996.6	49	W	7	op.	997.1	0	42	-6	W	3	-	om	2	1	51	41	or. o. c.	c. b. o. ca.	bc. om	1.6
	Portland Bill	990.8	47	W	6	c.	995.8	0	45	-3	WSW	2	-	bc	2	1	49	45	ca. r.	ca. r.	bc	0
	Dungeness	988.4	46	SW	6	o.	993.3	+1	43	-4	WSW	4	-	c	3	2	47	42	op. r.	op. p.	op. c	0
NORTHERN EUROPE.	Wick	992.0	41	ESE	4	omr.	989.9	+1	40	0	WNW	3	-	omr.	5	3	42	37	omr.	omr. p.	om. omr.	0
	Nairn	989.7	39	E	1	r.	991.2	0	35	-4	SW	1	-	c	1	6	41	34	od.	d. rgo.	po. o	0.0
	Aberdeen	990.4	40	E	4	od. p.	991.6	+2	38	-3	-	0	-	om.	4	3	42	38	o. omr.	omr. p.	od. omr.	0.0
	Leith	987.3	41	E	2	r	991.2	0	38	-2	W	1	-	o	2	1	42	37	od. o.	od. o. b	dm. o.	0
	Tynemouth	986.3	41	-	0	f	990.3	+2	39	-3	NW	2	-	omr.	4	7	42	38	f	f	omr.	0
	Spurn Head	984.2	43	ESE	1	f	990.5	+1	41	-2	WNW	2	-	fc	4	0.3	46	39	c.	bc. of	fc	2.3
	Yarmouth (Gorleston)	985.4	47	SSW	5	om	991.4	+3	43	0	WNW	4	-	om	4	2	48	41	bc. my. c	bc. my. p.	om. om	1.5
	Clacton-on-Sea	986.3	45	SW	5	o	992.4	+2	43	0	WNW	3	-	og	2	4	46	42	op. o.	op. p.	og. r.	0.5
	Nottingham	984.9	48	NW	2	o	992.4	0	44	0	WNW	3	-	o	4	1	50	43	c. op.	odm.	op	0.2
	Benson (Oxon.)	987.1	46	SSW	4	r.	994.2	+2	42	-5	W	1	-	o	4	50	40	o.	or.	o	0	
	St. Farnborough	987.8	47	W	7	o	994.3	+1	42	-6	WNW	3	-	c	4	0.2	51	41	od. p. o	or. o	o. o. c	0.3
	Salisbury Plain	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	0	
	London (Kew Obs.)	987.6	48																			

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,913

MONDAY, 24<sup>th</sup> FEBRUARY, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 23<sup>RD</sup> FEBRUARY.

STATIONS.	EVENING OF.....22 <sup>nd</sup> .....					MORNING OF.....23 <sup>rd</sup> .....										AFTERNOON OF.....23 <sup>rd</sup> .....						
	Barom. Milli- bars at M.S.L.	TEMP.	WIND		Weather.	Barometer.		TEMP.		WIND.		Weather.	Rain- fall. Milli- metres.	TEMP.		ICELAND.	Barom. Milli- bars at M.S.L.	TEMP.		WIND.		
			Dirac.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.			Max.	Min.			Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.	Weather.
		°F.						°F.	°F.					°F.	°F.			°F.	°F.			
RUSSIA.	Orlov ...	*	*	*	*	997.0	*	18	+15	N	8	0	-	*	*	Isafjord ...	997.2	28	-8	-	0	b
	Kem ...	*	*	*	*	1009.5	-	-6	-7	W	5	b	-	*	*	Reykjavik	1000.7	31	-3	-	0	c
	Archangel	*	*	*	*	1004.4	0	5	-	WNW	3	0	-	*	*	Vestmanna	999.1	30	-6	N	5	0
	Imandra	*	*	*	*	1008.6	-	-8	-	SW	1	0	-	*	*	Seydisfjord	1001.1	34	+2	NE	3	5
SWEDEN.	Haparanda	1012.7	-8	-	0	b	1014.1	*	-24	-4	SW	2	b	*	*	Thorshavn	993.3	40	+1	SE	5	Y
	Hernösand	1014.4	19	N	2	b	1017.5	*	3	-15	-	0	c	*	*							
	Stockholm	1006.0	27	NNE	2	0	1009.1	*	21	-7	NE	2	c	*	*							
	Wisby	1002.8	34	NNW	4	0	1002.9	*	32	+5	ENE	2	0	*	*							
	Karlstad	1007.4	28	E	4	0	1009.5	*	25	-3	ENE	4	0	*	*							
	Hangö													*	*							
ITALY.	Venice	1007.9	46	-	0	f	1006.6	*	46	0	-	0	f	4	48	45						
	Turin	1009.1	44	-	0	0	1005.3	*	43	0	-	0	T	1	43	43						
	Pesaro	1009.1	48	-	0	0	1007.5	*	45	+2	-	0	0	8	55	43						
	Leghorn	1006.5	52	-	0	0	1003.8	*	45	-7	-	0	0	3	55	45						
	Rome	1010.1	52	-	0	0	1008.7	*	48	-1	SE	1	0	-	55	45						
	Viesti							*														
	Brindisi							*														
	Cagliari							*														
	Palermo							*														
	Tripoli	1012.1	54	-	0	0	1009.4	*	54	-1	-	0	0	-	61	48						
		1017.1	55	WSW	2	c	1015.4	*	55	-2	W	1	0	Trace	?	50						

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

24 <sup>th</sup> and 25 <sup>th</sup> Feb 1919.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth	...	6.53	12.6	5.19
	...	6.51	12.6	5.21
Greenwich	...	6.58	12.13	5.28
	...	6.56	12.13	5.30
Wick	...	7.24	12.25	5.27
	...	7.21	12.25	5.29
Valencia	...	7.41	12.54	6.8
	...	7.39	12.54	6.10

### LONDON

	HUMIDITY.		Sun-shine for 24 hours.	TEMPERATURE.			Rain-fall.	WEATHER.		
	13 h.	9 h.		Max.	Min.	Min. on Grass.		Morning.	Afternoon.	Night.
24 <sup>th</sup> February ... 9h. G.M.T.	23 <sup>rd</sup>	24 <sup>th</sup>	23 <sup>rd</sup>	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	79	82	0.0	45	34	28	0.0	o	o	o, c
CITY (Bunhill Row)	*	*	0.0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	68	82	0.0	47	36	31	0.0	*	*	*
" (Roof of Admiralty Arch)	79	79	0.0	47	40	*	0.0	ogm	ogm	om
CAMDEN SQ. (British Rainfall)	*	81	0.0	47	35	30	0.0	-	-	*
KENSINGTON PALACE	*	82	*	46	35	28	0.0	o	o	*
RICHMOND PARK	*	*	0.1	*	*	*	*	*	*	*

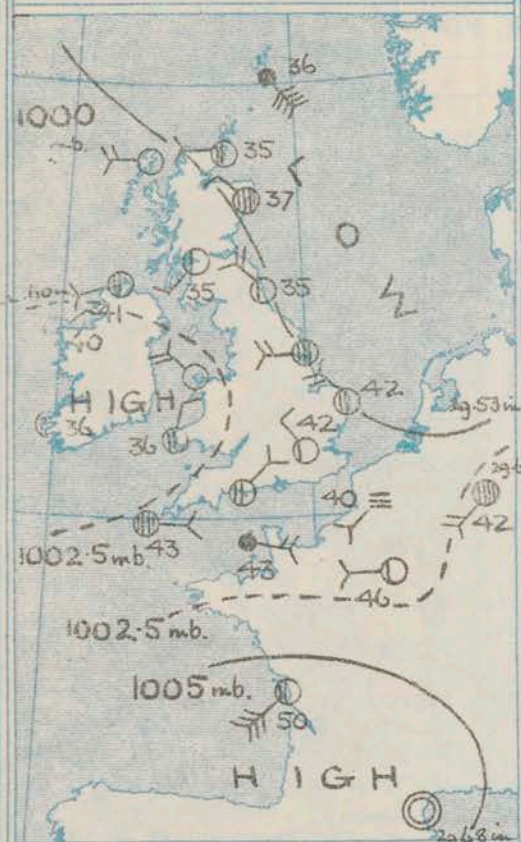
### SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 23<sup>rd</sup>.

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
135	3.6	1.3

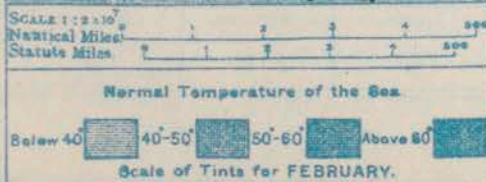
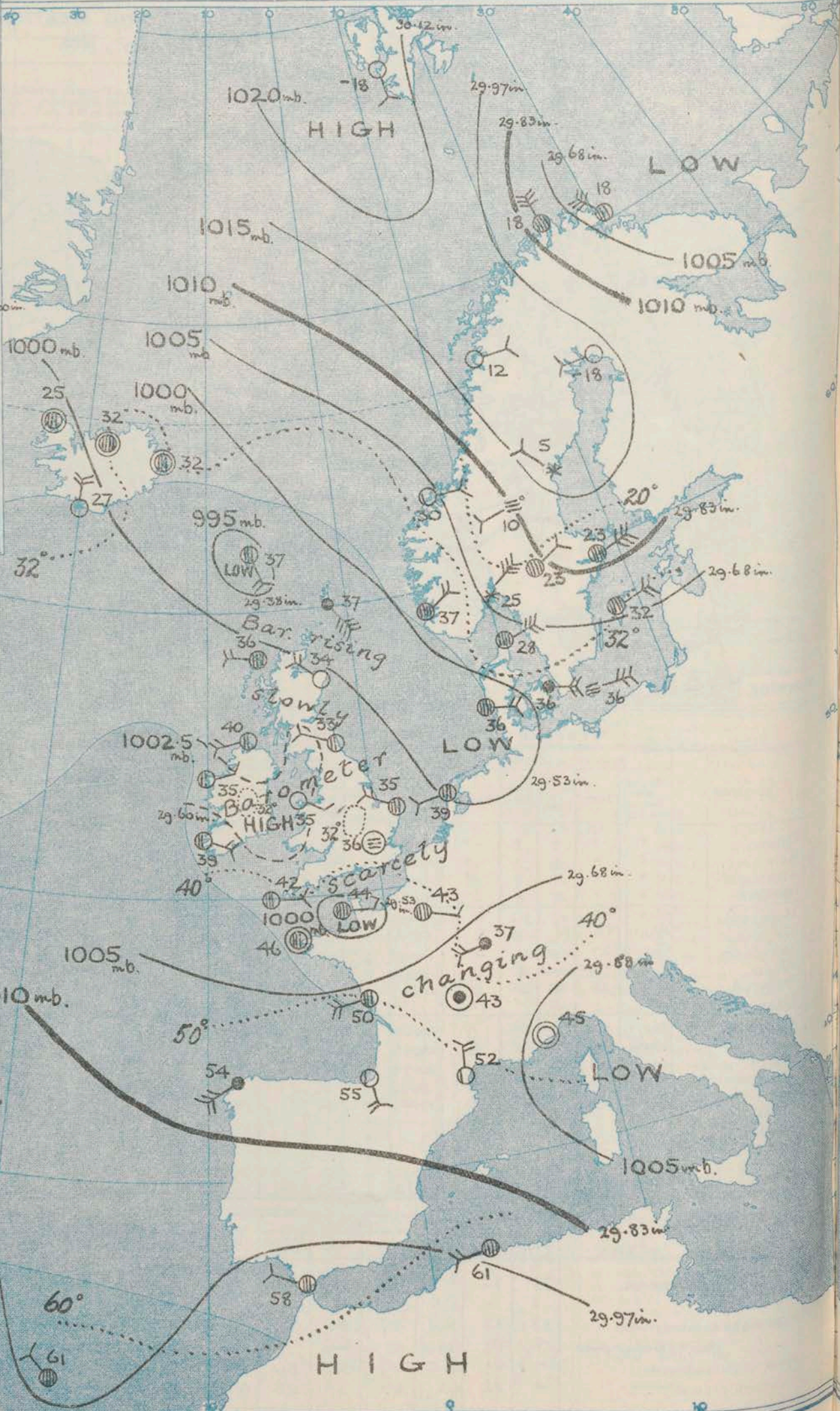
24<sup>th</sup> FEB, at 1h. G.M.T.

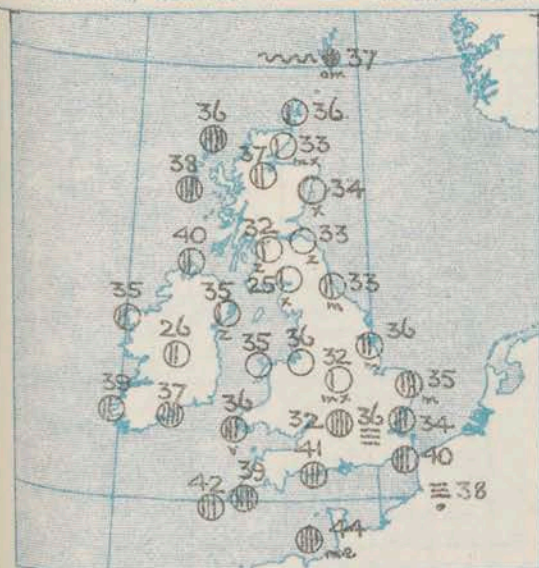
THE MORNING OF MONDAY, 24<sup>th</sup> FEBRUARY 1919 at 7h. G.M.T.



# 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. Calm   
**TEMPERATURE.**—Given in degrees Fahrenheit.  
 Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky & clouded. ○ sky & clouded.  
 ○ sky & clouded. ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
**SEA DISTURBANCE.**—Rough High





NOTES.

Notes on the Weather of the 24 hours ended 7h. Today

Temperature touched  $50^{\circ}$  at Jersey, but remained below  $45^{\circ}$  over a large portion of the United Kingdom. The minima of the night were as low as  $24^{\circ}$  at Eskdalemuir and  $25^{\circ}$  at Birr Castle; at several other stations the thermometer fell to  $32^{\circ}$  or slightly lower. Rain - generally slight - was experienced in various localities, and over the Kingdom as a whole the day was cloudy or dull. In the Hebrides, at Glasgow, in Wales and Ireland however, the sunshine records were moderate to high.

The Conditions at 7h. Today

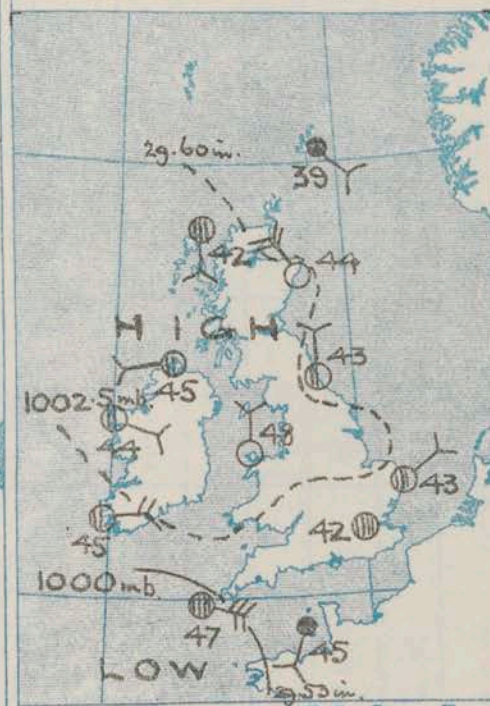
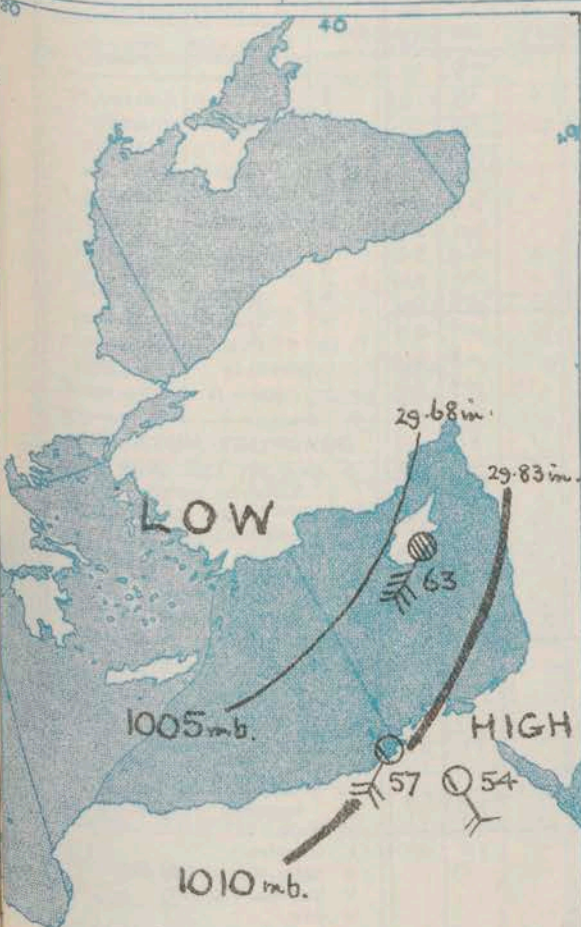
Over the British Isles the barometer is very uniform, while a band of low pressure extends from Iceland south-eastwards to Heligoland Bight. Pressure is high over the Azores region and also at Spitzbergen. The changes in progress are very slight; in Scotland and Sweden it is rising. On the western side of the North Sea the wind is light from between W. and NW, while on the eastern shores it is light to fresh from the E. or NE. Locally at Lerwick there is a high wind from SE. Over the United Kingdom generally and also in France the wind has little force and is rather variable in direction. Very little cloud is reported in Ireland, Scotland and Northern England, but in the south of England and the adjacent counties of the continent the weather is cloudy or overcast. Temperature has fallen generally in the British Isles and frost is again prevalent in central Ireland and south-west Scotland.

The Outlook

Quiet weather of the anticyclonic type appears probable for a time, but the barometer is not high over this country and the conditions cannot be considered at all settled.

MONDAY, 24<sup>TH</sup>

FEBRUARY, 1919, at 13h. (1 p.m.) G.M.T.



No important change has occurred since 7h.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1919. No. 55..

MONDAY  
24 FEBRUARY

STATIONS.		EVENING OF 23 <sup>rd</sup> ...					MORNING OF 24 <sup>th</sup> .....								24 HOURS ENDED 7 h. 24 <sup>th</sup>							Sun- shine for 23 <sup>rd</sup>
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP. °F.	Change in 24 hours.	WIND.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Dir.	Force 0-12.											Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	996.7	37	SE	8	omr	998.3	0	37	-1	SE	7	-	omr	6	1.0	38	35	omr	omr	omr	Hours.
	Houton B. (Orkney) ...	995.7	38	WNW	2	rf	999.8	+2	36	-4	W	4	*	b	3	-	40	36	omr	omr	rq	*
	Stornoway ...	997.5	40	W	4	c	1000.1	+1	36	-5	W	3	-	o	2	2	45	32	or, b	bc, c	bc, ph, o	5.0
	Castletown (Barrisd.) ...	998.5	42	WNW	2	b	1002.0	+1	38	-3	ENE	2	-	o	1	1	45	37	b	b, op, b	b, op, o	8.0
	Glasgow ...	998.9	39	W	2	by	1002.6	+3	32	-7	SW	1	-	by	*	-	45	31	o, b, bc	bc, b	by, b, o	4.1
	Eskdalemuir ...	997.7	37	WNW	5	by	1003.4	+2	25	-12	-	0	-	bx	*	-	42	24	o, bc, by	bc, by	by, bx	0.4
	Malin Head ...	999.1	41	WSW	4	bc, by	1002.1	0	40	-2	WSW	3	W	bc	3	-	46	38	bc, by	bc, by	bc	5.6
	Blacksod Point ...	1001.7	41	NW	3	bc, by	1003.1	0	35	-3	ENE	1	-	bc	3	0.4	45	34	bc	bc	bc, bc	*
	Valencia (Cahircivon) ...	1003.0	43	N	3	o	1001.4	-1	39	+1	ESE	3	-	bc	-	-	46	34	o, by	o	bc, bc	0.6
	Roche's Point ...	1002.7	41	N	1	o	1002.4	0	37	+3	NE	2	-	o	2	-	45	34	b, by	by, o	o, b, o	*
	Birr Castle ...	1001.6	39	NW	1	c	1003.0	*	26	-7	NW	1	NW	bc	*	-	46	25	c	c	c, bc	5.8
	Donaghadee ...	1000.4	42	NW	4	b	1002.2	+1	35	-4	WNW?	2	W	by	2	-	45	33	bc, by	bc, by	bc	*
	Liverpool (Bidston) ...	1000.3	40	WNW	2	c	1002.1	0	36	-5	WNW	2	-	b	2	-	44	35	bc	bc	bc	2.7
	Holyhead ...	1000.5	43	NW	4	bc	1003.0	0	35	-8	SE	1	-	b	-	-	46	33	b, bc, b	b, bc	bx	7.5
	Pembroke (St. Ann's) ...	1002.4	40	N	1	cu	1002.7	?	36	-5	NE	1	-	cu	1	-	44	35	cu	cu	bc, cu	2.0
	Scilly (St. Mary's) ...	1000.7	44	ENE	3	or	1001.6	0	42	-3	E	2	E	c	3	2	47	41	c, o	or	o, c	0.0
	Falmouth ...	1001.0	44	NNE	3	cu	1001.3	0	39	-1	NNE	1	-	o	*	-	49	38	o, bc, c	c, bc, cu	c, q	0.9
	Jersey (St. Aubin) ...	1001.0	46	W	2	o	999.5	0	44	+2	E	1	-	ome	1	3	50	42	om, bc, o	o, b, o	od, om	3.0
	Portland Bill ...	1000.0	45	W	2	c	1000.7	0	41	-4	NE	3	-	c	3	-	47	41	bc, c	bc, c	bc, c	*
	Dungeness ...	999.2	45	W	2	c	1001.6	0	40	-3	E	2	SW	c	2	-	49	37	c	c	c, o, c	*
	Wick ...	995.9	40	WNW	2	om	1000.3	+2	33	-7	W	2	-	bma	4	5	41	32	omr	omr	om, bc, b	*
	Nairn ...	997.0	37	W	1	bc	1001.0	*	32	-3	W	1	-	bc	1	2	43	31	od	c, bc	bc, c	1.8
	Aberdeen ...	996.3	40	NW	3	or	1000.7	+2	34	-4	NW	3	-	bx	-	5	41	34	om, op	of, r	of, bc, x	0.0
Leith ...	997.5	41	W	2	b	1001.5	+1	33	-5	SW	2	-	by	2	-	45	33	o, bc	c, bc	b, bc, x, b	*	
Tynemouth ...	995.7	43	NW	3	om	1000.4	+1	33	-6	WNW	2	-	bem	4	2	44	32	om	om	bem	*	
Spurn Head ...	997.3	41	WNW	3	c	1000.4	0	36	-5	WNW	3	-	bem	4	0.1	41	35	om	om	em	0.0	
Yarmouth (Gorleston) ...	997.4	43	NW	2	o	1001.8	+1	35	-8	WNW	3	-	em	3	-	44	34	om	omd	bem, em	0.0	
Clacton-on-Sea ...	998.3	44	WNW	3	o	1002.5	0	34	-9	W	3	NW	c	1	-	46	33	og	og	og, c	0.0	
Nottingham ...	998.9	42	WNW	2	b	1002.2	*	32	-12	W	1	SW	bma	*	-	45	31	om	o, c	b	0.4	
Benson (Oxon.) ...	1000.0	42	NW	1	o	1001.9	+1	32	-10	-	0	-	o	*	0.1	45	31	o	o	o, cm	*	
Sth Farnborough ...	*	*	W	2	o	1002.4	+1	31	-11	N	1	-	om	*	-	46	30	bc, o, p, o	o	o, b, om	0.3	
Salisbury Plain ...	*	*</																				

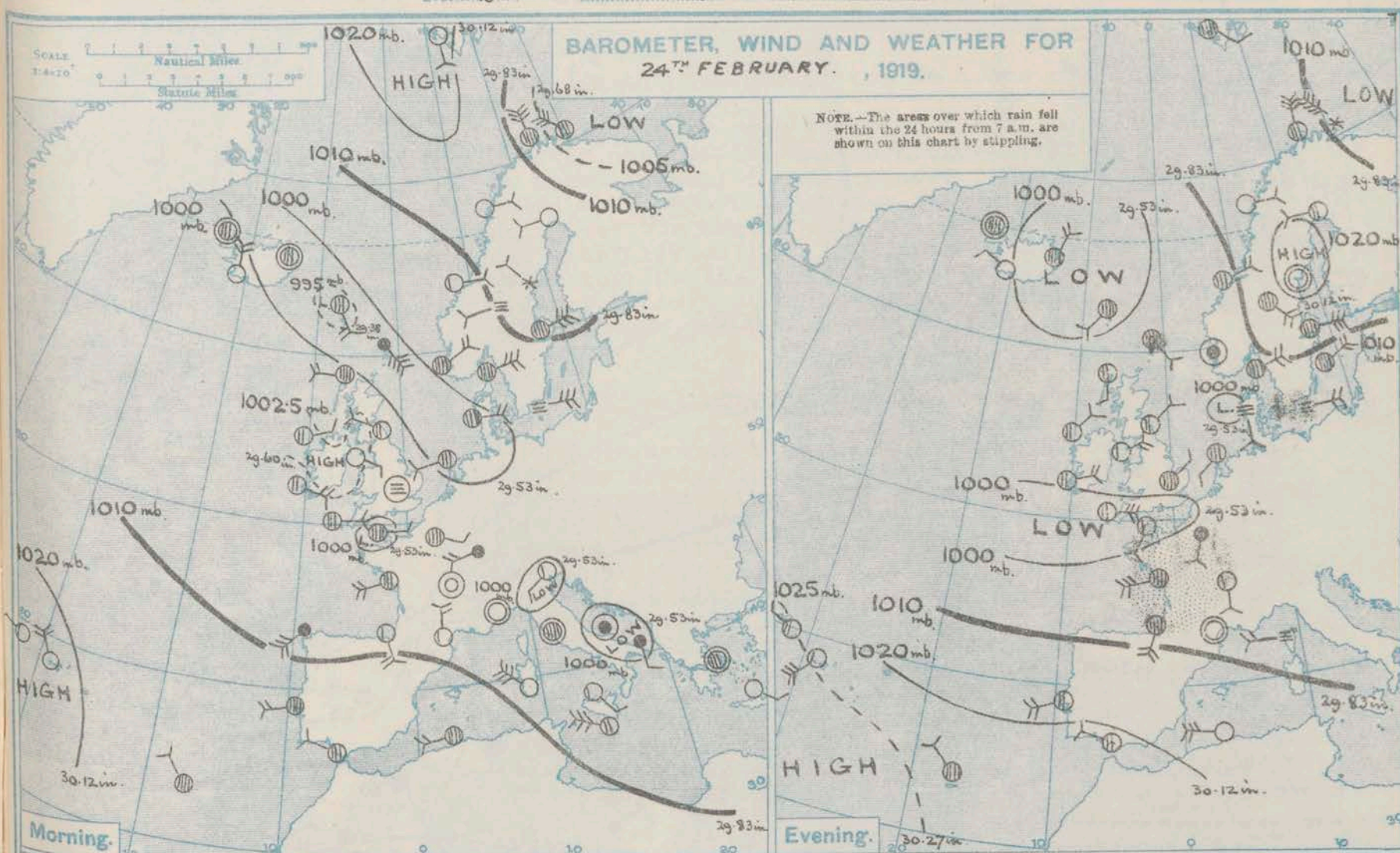
## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity.	
	Statute miles per hour.	Metres per

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,914

TUESDAY, 25<sup>TH</sup> FEBRUARY, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 24<sup>TH</sup> FEBRUARY.

STATIONS.	EVENING OF 23 <sup>RD</sup>					MORNING OF 24 <sup>TH</sup>										AFTERNOON OF 24 <sup>TH</sup>				
	Barom. M.S.L.	Temp.	Wind	Force	Weather	Barom. M.S.L.	Change in 3 hours	Dry Bulb	Change in 24 hours	Wind	Force	Weather	Rain-fall	Temp.	Temp.	Barom. M.S.L.	Temp.	Wind	Force	Weather
		°F.	Dir.	0-12				°F.	°F.	Dir.	0-12		mm.	Max.	Min.		°F.	Dir.	0-12	
<b>RUSSIA.</b>																				
Orlov ...	*	*	*	*	*	997.3	*	21	+3	W	3	C	*	*	*		*	*	*	*
Kem ...	*	*	*	*	*	1009.2	*	-2	+4	WNW	5	b	*	*	*		*	*	*	*
Archangel ...	*	*	*	*	*	1008.0	+0	-9	-14	SW	3	o	-	*	*		*	*	*	*
Imandra ...	*	*	*	*	*									*	*		*	*	*	*
<b>SWEDEN.</b>																				
Haparanda ...	1013.3	-9	SW	2	b	1015.9	*	-18	+6	W	2	b	-	0	-24					
Hernösand ...	1016.3	9	-	0	b	1019.0	*	5	+2	NW	2	s	-	19	1					
Stockholm ...	1009.6	25	ENE	4	o	1010.9	*	23	+2	ENE	6	o	-	27	21					
Wisby ...	1003.8	32	ENE	6	o	1005.2	*	32	0	ENE	4	o	TRACE	39	30					
Karlstad ...	1009.2	27	E	4	o	1009.9	*	23	-2	NE	2	o	TRACE	28	19					
<b>ITALY.</b>																				
Venice ...	999.3	46	NE	1	r	999.9	*	45	-1	WSW	1	b	14	48	43					
Turin ...	1002.1	45	-	0	o	1002.2	*	41	-2	-	0	bc	2	46	39					
Pesaro ...	999.5	52	-	0	r	1001.7	*	46	+1	W	1	o	8	55	45					
Leghorn ...	997.8	54	-	0	o	998.5	*	54	+9	-	0	c	4	54	45					
Rome ...	1002.5	52	-	0	r	1001.5	*	48	0	-	0	o	3	57	46					
Viesti ...	1002.2	52	S	1	b	998.6	*	52	?	-	0	r	1	57	?					
Brindisi ...	1004.7	54	-	0	bc	999.1	*	52	?	S	1	r	2	61	52					
Cagliari ...	1007.3	55	NW	6	r	1007.3	*	46	?	NW	6	b	-	59	39					
Palermo ...	1006.6	57	SW	1	o	1005.9	*	57	+3	SSE	1	b	-	61	48					
Tripoli ...																				

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

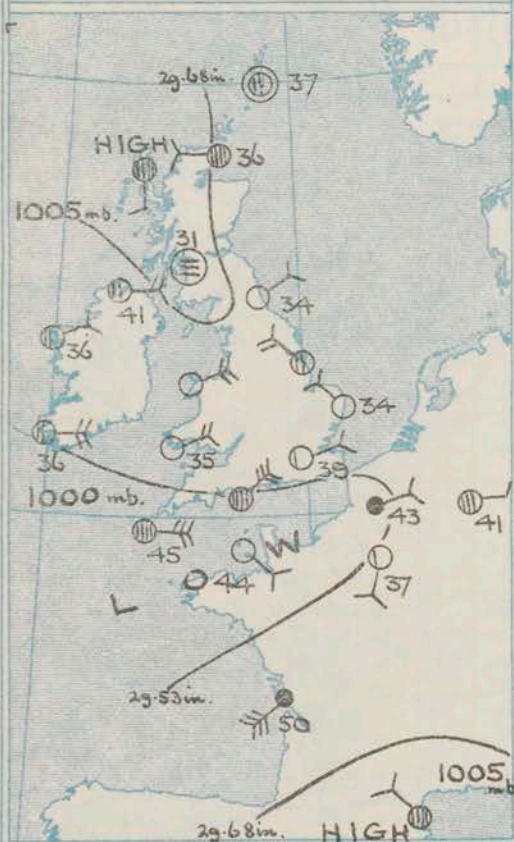
25 <sup>TH</sup> 26 <sup>TH</sup> FEB 1919.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	6.57	12.6	5.21
Greenwich ...	6.49	12.6	5.23
Wick ...	6.56	12.13	5.30
Valencia ...	7.21	12.25	5.29
	7.18	12.25	5.32
	7.39	12.54	6.10
	7.37	12.54	6.12

LONDON	HUMIDITY.		Sun-shine for 24 <sup>TH</sup>	TEMPERATURE.			Rain-fall.	WEATHER.		
	25 <sup>TH</sup>	26 <sup>TH</sup>		Max.	Min.	Min. on Grass		Morning	Afternoon	Night
25 <sup>TH</sup> FEBRUARY 9h. G.M.T.	%	%	Hours	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	45	92	0.0	44	33	26	-	c.o	os	oz
CITY (Bunhill Row)	*	*	0.0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	44	91	0.0	45	34	29	-	*	2	*
(Reef of Admiralty Arch)	67	91	0.0	45	35	*	-	om	om	om-cq. bcm
CAMDEN SQ. (British Rainfall)	75	97	0.0	44	31	29	-	bc.c	o	*
KENSINGTON PALACE	*	91	*	44	33	27	-	o	os	*
RICHMOND PARK	*	*	*	*	*	*	*	*	*	*

SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during 24 <sup>TH</sup>		
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
109	2.9	11

25<sup>th</sup> FEB, at 1h. G.M.T.

THE MORNING OF TUESDAY, 25<sup>th</sup> FEBRUARY 1919 at 7h. G.M.T.



# 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.

**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

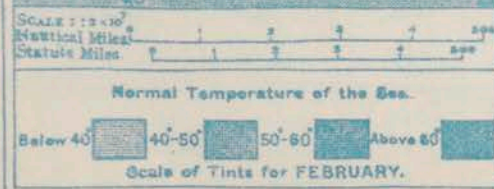
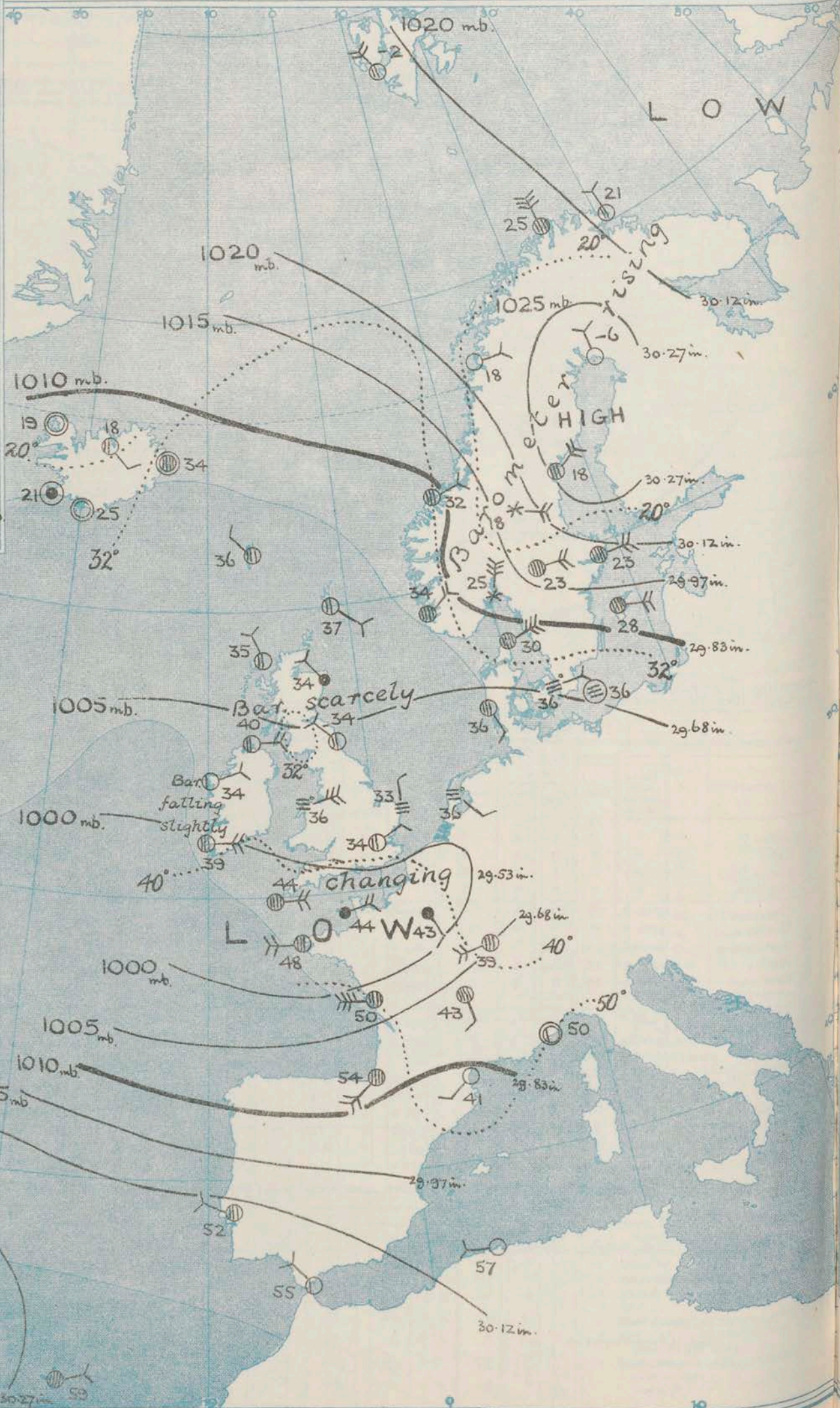
**WEATHER.**—Shown by the following symbols:—

○ clear sky. ☁ sky & clouded. ☁ sky & clouded.

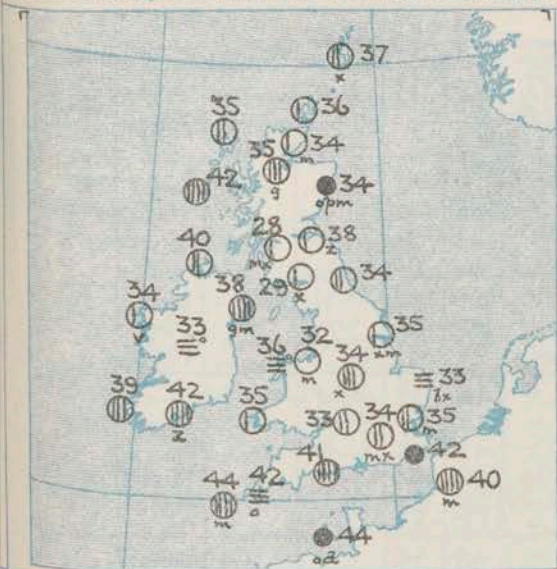
☁ sky & clouded. ☁ overcast sky. ☁ rain falling.

☁ snow. ☁ hail. ☁ fog. ☁ mist. ☁ thunder.

**SEA DISTURBANCE.**—Rough. High.



## TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



## NOTES.

## Notes on the Weather of the 24 hours ended 7h. Today

Temperature rose to between  $43^{\circ}$  and  $47^{\circ}$  over the greater part of the United Kingdom. Frost was experienced at night inland; in most places it was slight, but at Eskdalemuir the thermometer fell to  $24^{\circ}$ . Slight rain fell over the English Channel and at Lerwick and the day was generally dull in the south of England. In most other regions the sunshine records were considerable to high; 7.8 hours at Birr Castle and Malin Head, 8.8 hours at Holyhead, and 9 hours at Aberdeen.

## The Conditions at 7h. Today

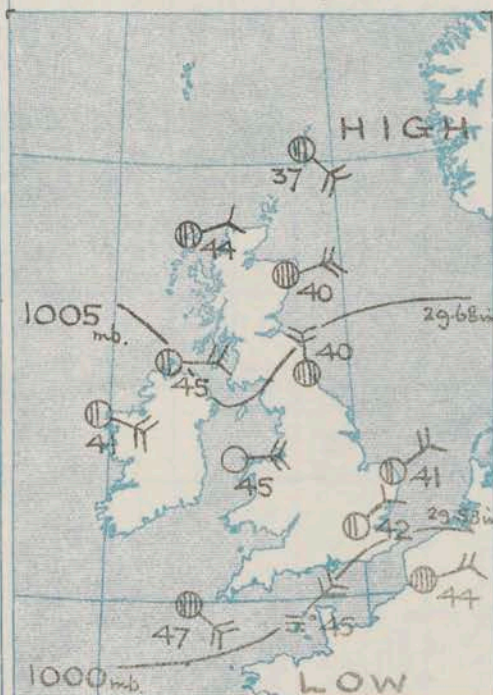
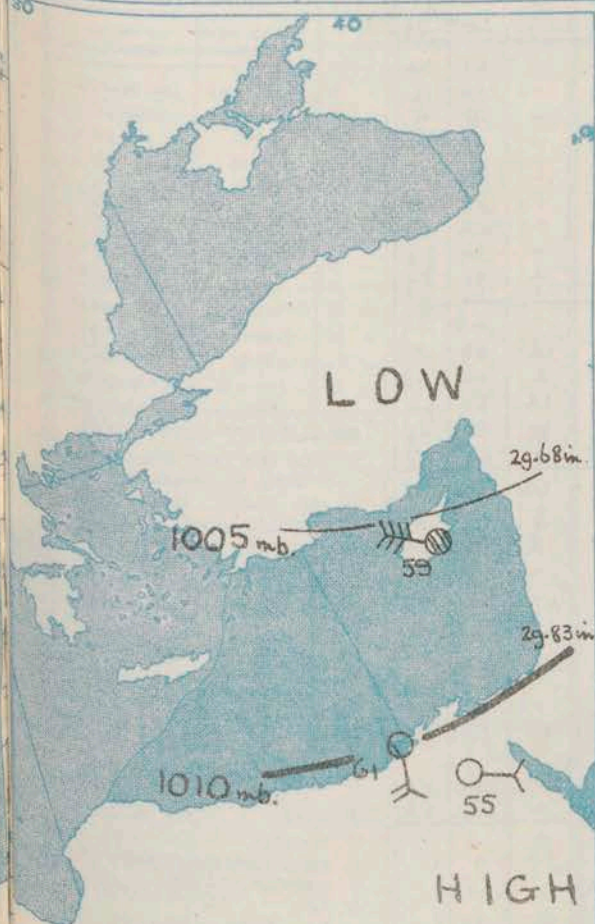
Pressure is high in an anticyclone centred over Northern Sweden and equally high in another over the Azores region. The lowest readings are over the English Channel and Northern France, the centre of a shallow depression being located between Brest and Cornwall. There are also some indications that very shallow depressions exist to the north and north-eastward of Scotland. The winds are light over the British Isles and the direction mainly between N. and E. Mist is reported at several stations, fog at Great Yarmouth and Falmouth, showers at Aberdeen, and rain at Dungeness and Jersey, but generally the weather is fair to cloudy. Temperature has changed irregularly and, except on the south and south-west coasts, it is not far from the freezing point. In the south of Scotland it is below it.

## The Outlook

The changes in progress are slight and indefinite, but it is probable that the shallow depressions in our neighbourhood will disperse gradually, and that the Scandinavian anticyclone will extend south-westwards.

TUESDAY, 25<sup>TH</sup>

FEBRUARY, 1919, at 13h. (1p.m.) G.M.T.



The barometer has risen slightly except in the west of Ireland and the pressure distribution is becoming less irregular.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1919. No. 56.

TUESDAY  
25<sup>TH</sup> FEBRUARY

STATIONS.		EVENING OF... 24 <sup>TH</sup> ...					MORNING OF... 25 <sup>TH</sup> ...										24 HOURS ENDED 7 h. 25 <sup>TH</sup> ...					Sun- shine for 24 <sup>TH</sup> Hours.
		Barom. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 8 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1003.2	37	SE	2	om	1006.8	+1	37	0	SE	2	-	bcx	2	2	39	35	omr	om	bc	*
	Houton B. (Orkney)	1003.9	37	W	2	b	1006.7	+1	36	0	ENE	2	*	b	*	42	36	b.bc	b.bc	b.bcx	*	
	Stornoway	1003.9	39	S	1	bc	1006.6	+1	35	-1	NNW	2	-	bc	1	-	45	35	c.bc	bc	bc	1.9
	Castlebay (Barra Isd.)	1004.5	41	NNE	2	b	1005.7	0	42	+4	NE	2	-	o	2	-	46	38	o	a.c.b	bc.o	1.0
	Glasgow	1004.9	37	N	1	c	1005.8	0	28	-4	ESE	1	-	bm	TRACE	44	27	bm.bcv	bc.c	c.bmx	4.3	
	Eskdalemuir	1004.7	34	N	1	bcx	1005.1	0	29	+4	N	3	-	bx	*	-	44	24	bx.b.by	by.bcx	bx	7.1
	Malin Head	1004.0	42	ENE	2	bcv	1004.0	0	40	0	E	3	E	bc	3	1	46	38	bcv	bcv	bc	7.8
	Blacksod Point	1003.9	39	NE	2	bcv	1001.8	-2	34	-1	ENE	2	-	bv	3	-	45	32	bcv	bcv	bc.bcv	*
	Valencia (Cahirciveen)	1000.1	43	E	3	bcv	998.3	-2	39	0	E	4	-	c	2	-	46	37	bcv	c.bcy	bc.b	6.6
	Roche's Point	1001.7	40	E	3	b	1000.6	0	42	+5	E	4	-	ox	4	-	46	35	op.o	o.c.b	b.ox	*
	Birr Castle	1002.7	36	NE	1	bc	1002.1	*	33	+7	ENE	1	-	m	*	-	46	25	f.bc	bc	bcxx	7.8
	Donaghadee	1004.0	41	NNE	3	bcx	1004.4	+1	38	+3	ESE	2	-	ogm	2	-	45	33	bx.bcm	bcx	bx.bcm	*
	Liverpool (Bidston)	1002.9	38	NW	1	m	1003.3	+1	32	-4	ENE	1	-	bm	1	-	42	32	bc	bm	bm	5.8
	Holyhead	1003.0	41	ENE	3	b	1003.1	0	36	+1	ENE	5	-	bm	3	-	49	34	bm	b	bxm	8.8
	Pembroke (St. Ann's)	1001.8	41	ENE	2	bv	1001.0	?	35	-1	NE	3	-	b	2	-	45	34	cy	bc.v	bv.bc	3.3
	Silly (St. Mary's)	999.2	44	E	5	o	998.6	0	44	+2	E	4	E	om	5	-	47	42	c.o	o	om	0.0
	Falmouth	999.5	42	ENE	3	odm	998.7	+2	42	+3	NE	3	-	of	TRACE	44	39	o.om	om.odm	of	0.1	
	Jersey (St. Aubin)	999.1	46	SSW	2	b	995.9	0	44	0	ENE	3	-	od	3	3	48	41	oem	o.b.or.b	od.b.od	0.3
	Portland Bill	999.9	41	NE	4	o	997.9	-1	41	0	ENE	5	-	o	4	0.3	43	40	c.o	od	om	*
	Dungeness	1000.6	42	ENE	4	r	998.7	+1	42	+2	NE	4	-	r	4	4	46	33	c.c	c.or	op.or	*
NORTHERN EUROPE.	Wick	1003.4	36	W	2	bcm	1005.8	+2	34	+1	WNW	2	-	bm	4	-	44	31	bc	b.bcm	bc.b.o.b	*
	Nairn	1004.0	38	W	1	o	1005.6	*	35	+3	W	1	-	cg	1	*	43	31	bc	bc.c.b	o.c	6.0
	Aberdeen	1003.8	38	NNW	2	b	1005.5	+2	34	0	NW	2	-	opm	3	-	44	32	bx.bvy	bvx	b.opm	9.0
	Leith	1003.8	38	NW	1	b	1005.4	0	30	-3	SW	1	-	bx	1	-	44	30	bx.b	b	b.bx.b	*
	Tynemouth	1002.1	40	NE	2	bcm	1002.4	0	34	+1	NW	2	-	bcm	2	-	47	32	bcm	bcm	bcm	*
	Spurn Head	1003.3	39	NNW	3	bc	1001.7	-1	35	-1	NW	3	-	bxm	3	-	43	33	bcm	bc	bcx	7.0
	Yarmouth (Gorleston)	1002.4	39	NE	3	bc	1002.1	-1	33	-2	N	1	-	bfz	1	-	44	32	cm	bcm	bm	0.1
	Clacton-on-Sea	1002.3	40	ESE	1	o	1001.2	0	35	+1	NNW	3	NW	bcm	2	-	43	34	cm	cm.og	o.bcmx	1.7
	Nottingham	1002.8	41	NE	2	b	1002.6	*	34	+2	N	2	N	cx	*	-	46	30	bm	b	b	4.3
	Benson (Oxon.)	1001.5	40	NE	1	o	1000.8	?	32	0	NE	4	-	em	*	-	43	31	bc	o	o.bxm	*
	St. Farnborough	*	*	ENE	2	om	1001.2	0	32	+1	N	2	-	bcm	*	-	43	31	om	om	om.cm	0.0
	Salisbury Plain	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	London (Kew Obsy.)	1002.0	43	NE	1	om	1001.2	+2	34	-2	NE	1	-	bm	*	-	43	34	f.cm.om	om	om.bcm	0.0
	FRANCE, &c.	Isafjord	1001.5	32	*	0	o	1009.9	+4	19	+6	-	0	-	b	*	*	*	*	*	*	*
		Reykjavik	1002.3	32	-	0	bc	1008.2	+3	21	?	-	0	-	r	*	*	*	*	*	*	*
		Vestmanna	1002.0	31	WNW	1	b	1006.1	+2	25	-2	-	0	-	b	0	*	*	*	*	*	*
		Seydisfjord	998.3	35	NE	3	o	1006.1	+3	34	+2	-	0	-	o	*	*	*	*	*	*	*
		Thorshavn	999.1	40	SW	2	o	1006.1	+2	36	-1	NW	1	-	c	*	*	*	*	*	*	*
		Spitsbergen	1019.9	-8	SE	1	o	1021.2	0	-2	+16	NNW	4	*	bc	*	*	2.7	-38	*	*	*

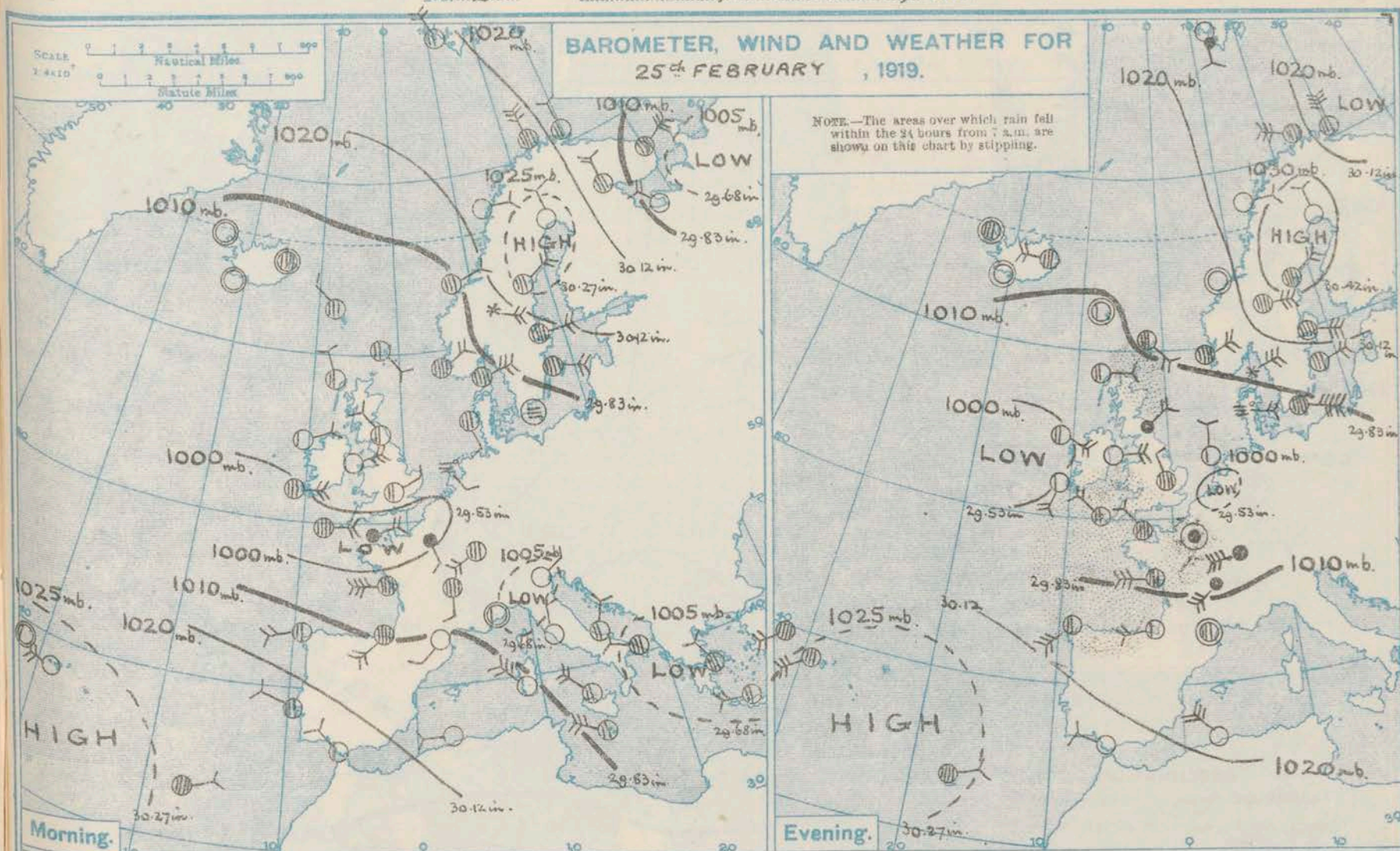
## THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits
-----	--------

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,915

WEDNESDAY, 26<sup>th</sup> FEBRUARY, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF February 25<sup>th</sup>

STATIONS.		EVENING OF 24 <sup>th</sup>					MORNING OF 25 <sup>th</sup>										AFTERNOON OF 25 <sup>th</sup>							
		Barom. Milli- bars at M.S.L.	Temp.	Wind		Weather.	Barometer.		Temp.		Wind.		Weather.	Rain- fall. Milli- metres.	Temp.		ICELAND.	Barom. Milli- bars at M.S.L.	Temp.		Wind.		Weather.	
				Milli- bars at M.S.L.	Change in 3 hours.		Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.	Max.	Min.			Dry Bulb.	Change in 24 hours.			Direc.	Force 0-12.				
			°F.	Direc.	Force 0-12.			°F.	°F.						°F.	°F.			°F.	°F.				
RUSSIA.	Orlov ...	*	*	*	*	*	1007.7	*	5	-16	NE	6	0	*	*	*		Isafjord ...	1010.9	30	-3	-	0	c
	Kem ...	*	*	*	*	*								*	*	*								
	Archangel ...	*	*	*	*	*	1016.0	*	14	+23	NNW	4	c	*	*	*		Reykjavik	1011.3	32	-1	E	3	c
	Imandra ...	*	*	*	*	*	1005.5	*	19		NNW	3	b	*	*	*		Vestmanna	1010.3	34	-4	-	0	b
SWEDEN.	Haparanda ...	1018.3	5	W	2	bc.	1026.9	*	-6	+12	N	2	b	*	9	-22		Seydisfjord	1010.4	32	-2	W	5	c
	Hernösand ...	1021.1	0	-	0	b	1025.3	*	18	+13	NE	4	c	trace	18	5		Thorshavn	1008.6	41	-3	SSE	2	bc
	Stockholm ...	1014.4	23	E	6	o	1019.1	*	23	0	E	4	o	-	27	21								
	Wisby ...	1009.3	32	NE	4	o	1013.6	*	28	-4	ESE	4	o	-	34	28								
	Carlskrona ...	1012.6	23	NE	2	o	1015.8	*	23	0	E	4	o	-	23	12								
ITALY.	Venice ...	1004.2	50	W	1	b	1004.8	*	45	0	NE	2	bc	-	59	43								
	Turin ...							*																
	Pesaro ...	1005.4	48	-	0	b	1006.9	*	43	-3	SW	1	b	-	54	36								
	Leghorn ...	1003.7	52	-	0	c	1004.3	*	54	0	-	0	bc	-	57	52								
	Rome ...	1005.0	52	-	0	b		*																
	Viesti ...	1007.9	54	SSW	3	o	1005.3	*	54	+2	N	2	bc	1	57	*								
	Brindisi ...	1002.2	54	NW	2	c	1004.3	*	52	0	NW	2	c	-	59	52								
	Cagliari ...	1007.0	57	NW	4	b	1011.1	*	48	+2	NW	5	b	-	59	41								
	Palermo ...							*																
	Tripoli ...							*																

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM				
Feb 26 <sup>th</sup> & 27 <sup>th</sup> 1919.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	...	6.49	12.6	5.23
		6.47	12.6	5.25
		6.54	12.13	5.32
Greenwich ...	...	6.53	12.13	5.32
		7.18	12.25	5.34
		7.16	12.25	5.34
Wick ...	...	7.37	12.54	6.12
		7.35	12.54	6.13
		7.35	12.54	6.13

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

STATION.	Feb 26 <sup>th</sup> & 27 <sup>th</sup> 1919.		
	Sunrise.	Noon.	Sunset.
Yarmouth ...	6.49	12.6	5.23
Greenwich ...	6.47	12.6	5.25
Wick ...	6.54	12.13	5.32
Valencia ...	6.53	12.13	5.33
	7.18	12.25	5.34
	7.16	12.25	5.34
	7.37	12.54	6.12
	7.35	12.54	6.13

### LONDON

Feb 26<sup>th</sup> 9h. G.M.T.

STATION.	HUMIDITY.		Sun-shine for Hours.	TEMPERATURE.			Rain-fall. mm.	WEATHER.		
	25 <sup>th</sup> 1st.	26 <sup>th</sup> 2nd.		Max.	Min.	Min. on Grass.		Morning.	Afternoon.	Night.
GREENWICH (Royal Observatory)	70	87	1.8	45	29	22	-	o.c.	o.	c.o.o.c.
CITY (Bunhill Row)	x	x	1.2	x	x	x	x	x	x	x
WESTMINSTER (St. James's Park)	72	77	1.3	45	29	27	-	x	x	x
(Reef of Admiralty Area)	69	81	0.3	44	35	x	trace	bc.	cm. bc.	cm. o.m.b.
CAMDEN SQ. (British Rainfall)	68	91	3.0	46	28	24	-	c. bc	bc.	x
KENSINGTON PALACE	x	84	x	42	30	20	-	c	c.	x
RICHMOND PARK	x	x	0.0	x	x	x	x	x	x	x

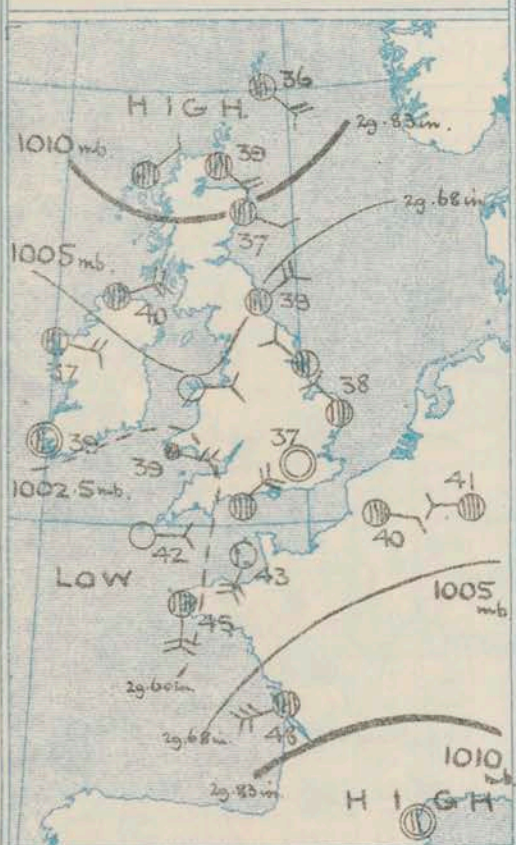
### SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 25<sup>th</sup>




Total.	Average Rate.	Max. Rate.
430	11.3	29.

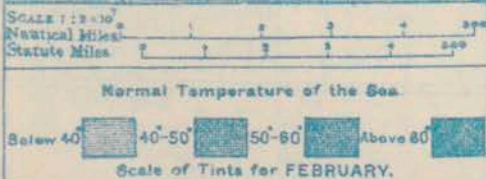
26<sup>TH</sup> FEB, at 1h. G.M.T.

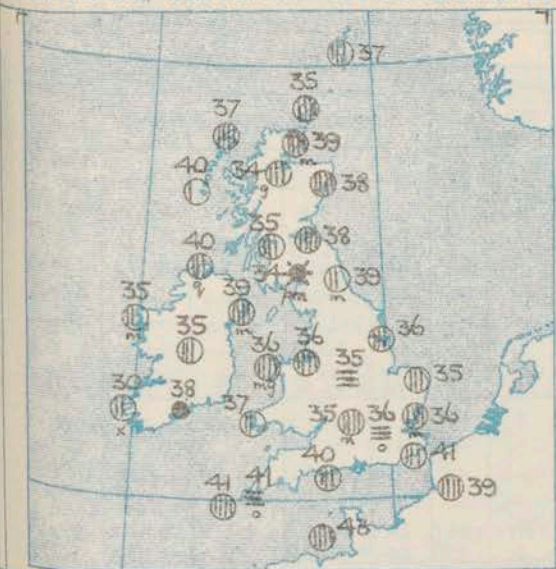
THE MORNING OF WEDNESDAY, 26<sup>TH</sup> FEBRUARY 1919 at 7h. G.M.T.



# 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. Calm,   
 TEMPERATURE.—Given in degrees Fahrenheit.  
 Isotherms shown by dotted lines.  
 WEATHER.—Shown by the following symbols:—  
 ☉ clear sky. ☁ sky & clouded. ☁☁ sky & clouded.  
 ☁☁☁ overcast sky. ☔ rain falling.  
 \* snow. △ hail. ≡ fog. ☁ mist. T, thunder.  
 K, thunderstorm.  
 SEA DISTURBANCE.—Rough . High .





## NOTES.

## Notes on the Weather of the 24 hours ended 7h. Today

Temperature remained below 40° in some parts of Scotland and below 45° at nearly all our inland and at several coast stations. Frost occurred over a large area at night, but was slight generally. Small quantities of rain fell in most districts and 6 mm. at Jersey. Bright sunshine was very prevalent in some Welsh and Irish localities, but in England the records were mostly small.

## The Conditions at 7h. Today

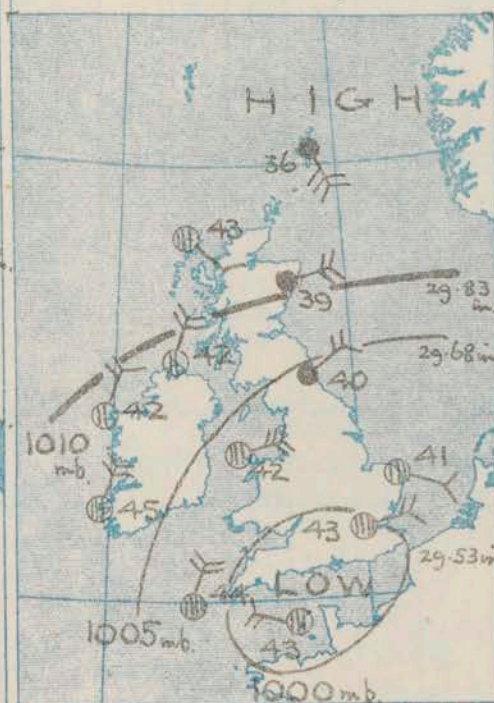
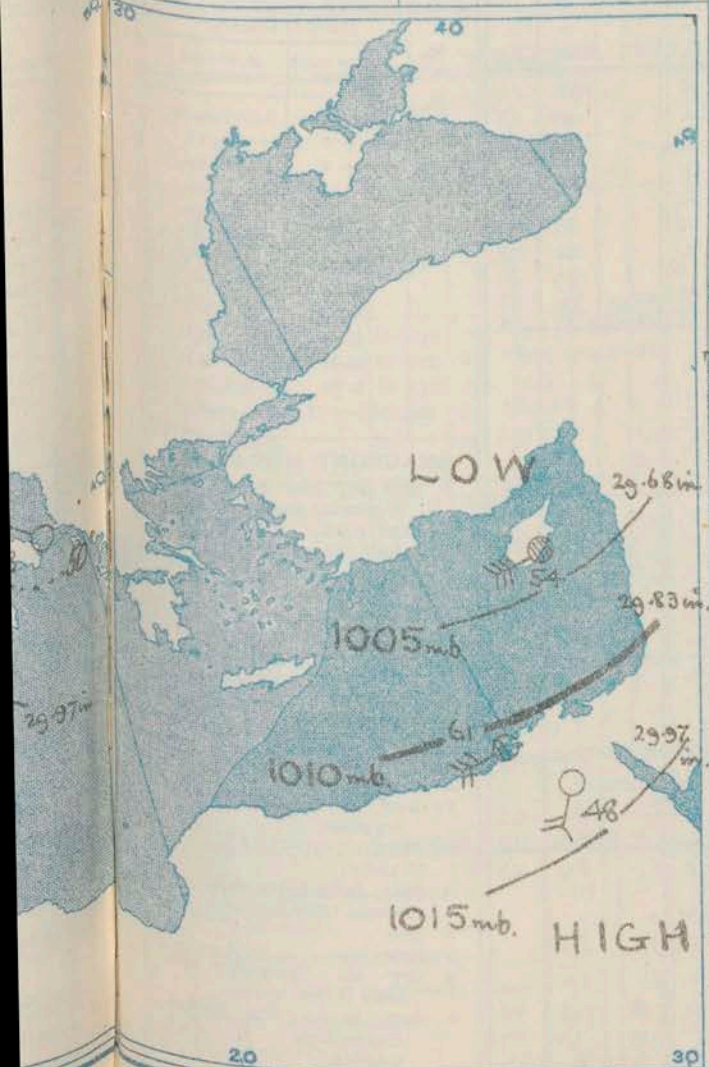
Pressure continues high in an anticyclone centred over the north of Sweden and is nearly as high at Madeira. The chief depression lies over the western part of the English Channel, where a fall of the barometer indicates it is growing deeper. Other depressions of less importance are shown - one over the Wash and its vicinity, another near Farøe, a third over north-west Germany, and a fourth to the northward of Norway. The NWly to SWly. winds to the southward of the Channel depression are strong to high over the Bay of Biscay, and the Ely. wind is strong to a gale over Denmark and Southern Sweden, but the NEly. current which generally prevails in the British Isles has little force. Sleet is falling at Eskdalemuir, rain at Roches Point and South Farnborough, and the sky over the United Kingdom as a whole is cloudy to overcast. Mist is reported in places and fog at Nottingham, Kew Observatory and Falmouth. Temperature has risen a little in most districts, but fallen in the south-west of Ireland. At Valencia the reading, 30°, is the lowest in the British Isles.

## The Outlook

There are no indications of the approach of any further depressions, but that over the Channel will probably persist for a time and maintain the weather in an unstable condition.

WEDNESDAY, 26<sup>th</sup>

FEBRUARY, 1919, at 13h. (1p.m.) G.M.T.



Little change has occurred since 7h. The Channel depression has moved slightly east-north-eastward.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1919. No. 57.

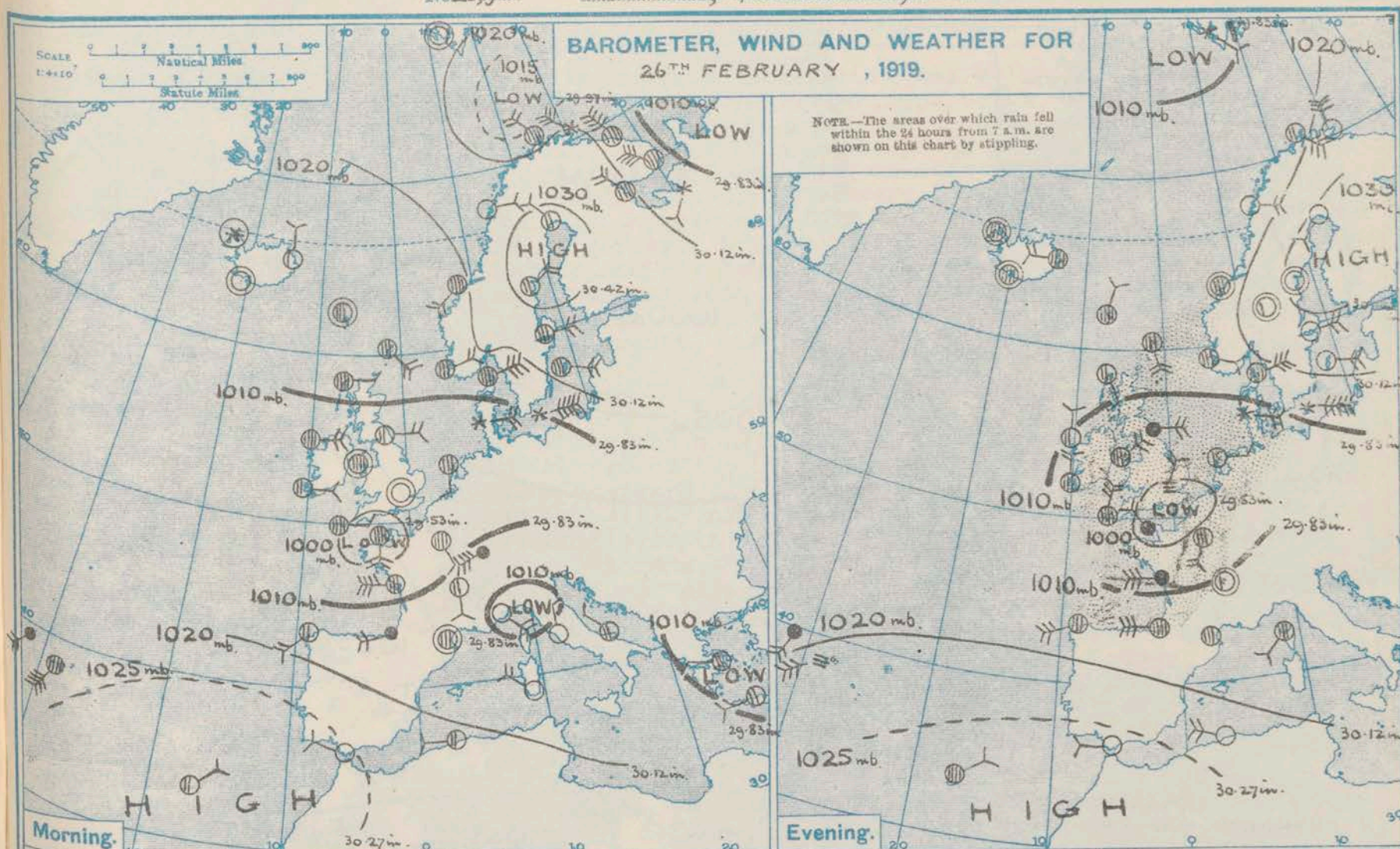
Wednesday  
February 26<sup>th</sup>

STATIONS.		EVENING OF 25 <sup>th</sup>					MORNING OF 26 <sup>th</sup>										24 HOURS ENDED 7 h. 26 <sup>th</sup>					Sun- shine for 25 <sup>th</sup> Hours.
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 6-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick ...	1010.7	37	SE	3	c	1012.9	+1	37	0	SE	4	SE	c	2	1	38	35	cm	c	c	*
	Houton B. (Orkney) ...	1010.1	37	SE	3	o	1012.4	+1	35	-1	E	3	*	o	2	*	42	35	bcx	cp	of.r	*
	Stornoway ...	1008.1	40	E	2	bc	1011.2	+1	37	+2	E	1	-	o	-	1	45	35	bc	bcp	bc.o	2.3
	Castlebay (Barra Isd.) ...	1006.3	41	ENE	2	c	1009.5	+1	40	-2	ENE	4	-	b	3	-	44	39	o.bc	bc.o.c	c.b.o.b	2.3
	Glasgow ...	1006.6	37	ENE	3	o	1007.3	0	35	+7	ENE	4	E	c	x	0.2	41	27	bm.m.bc	bc.o.o	op.c	4.2
	Eskdalemuir ...	1005.1	36	NNE	3	om	1005.6	0	34	+5	NNE	4	-	cp.srm	*	1	39	28	bx.c.bco	o.c.o	o.c.bc	3.3
	Malin Head ...	1004.2	40	SE	3	bcm	1004.9	0	40	0	ENE	4	E	cq	4	-	45	38	bcm	bcm	cq	8.1
	Blackod Point ...	999.9	40	ESE	4	bcz	1005.4	+3	35	+1	E	4	-	bcm	3	-	41	30	bx	bcz	cm.bcm	2.7
	Valencia (Cahiriveen) ...	1000.2	42	SW	3	b	1004.0	+2	30	-9	E	2	-	bcx	4	3	46	30	c.o.z.h	op.b	b.bcx	*
	Roche's Point ...	1001.5	44	SW	1	c	1002.7	0	38	+4	NNE	1	-	r	1	3	46	34	ox	op.o.c	b.or	*
	Birr Castle ...	1001.9	40	SE	2	c	1003.9	*	35	+2	NE	1	-	c	x	-	45	31	c	c	c	5.9
	Donaghadee ...	1005.0	40	ESE	3	bcm	1005.5	0	39	+1	NNE	5	-	om	4	TRACE	45	36	ogm.bm	bm	bm.omp	*
	Liverpool (Bidston) ...	1003.8	39	NNE	1	bc	1003.0	0	36	+4	NW	1	-	o	1	-	40	32	f.bcm	bcm	bc.o	0.3
	Holyhead ...	1003.8	40	E	4	bz	1003.2	-1	36	0	-	0	E	omg	-	TRACE	46	32	bmz	bz	bx.om	8.3
	Pembroke (St. Ann's) ...	1003.6	41	SE	2	o	1002.0	?	37	+2	E	2	E	bc	2	2	45	34	bc	bc	o.ox	7.2
	Scilly (St. Mary's) ...	1003.1	44	NW	3	bc	1000.2	-3	41	-3	E	1	E	o	3	4	49	39	o.c.o	op.c.bc	op.d	3.3
	Falmouth ...	1002.6	43	ESE	2	orm	998.1	-3	41	-1	NNE	2	-	of	x	3	45	41	of.om	om.opm	bm.cm	0.0
	Jersey (St. Aubin) ...	1002.9	46	NW	2	orm	997.5	-3	43	-1	S	4	-	o	3	6	48	42	od	od.oem	odo	0.0
	Portland Bill ...	1002.8	43	-	0	o	999.1	-2	40	-1	ENE	4	E	c	5	1	44	40	o	o.c	o.rc	x
	Dungeness ...	1001.4	42	NE	3	c	1002.5	-3	41	-1	SE	3	S	c	2	0.4	43	32	r.o.c	c	c.bc	*
	Wick ...	1009.0	40	SE	3	om	1011.3	+1	39	+5	SE	3	-	om	4	1	42	33	b.bcm	bc.om	omp	*
	Nairn ...	1007.8	37	-	0	o	1010.5	*	34	-1	E	1	-	cg	1	-	40	33	cg.bc	bc.c	ou	1.9
	Aberdeen ...	1007.8	38	ENE	4	om	1009.6	+1	38	+4	ENE	5	-	o	4	1	41	34	c.opb	op.o	op.or	0.8
	Leith ...	1005.4	38	NNE	4	o	1006.6	0	38	+8	NE	4	-	o	3	2	39	30	bx.oda	odo	ogq.ro	*
Tynemouth ...	1001.4	40	NE	3	rm	1003.3	0	39	+5	E	3	-	bcm	4	2	42	34	cmp	omp	bcp.bc	*	
Spurn Head ...	1002.1	39	WNW	3	o	1002.9	0	36	+1	N	1	-	c	3	2	40	34	cv	cv.o	c	2.4	
Yarmouth (Gorleston) ...	1001.8	40	NE	2	o	1004.3	0	35	+2	SW	2	-	c	2	-	41	31	bm.bc	bc.om	om.cm	2.4	
Clacton-on-Sea ...	1002.5	39	S	2	bc	1003.8	-1	36	+1	SSW	1	NW	om	1	-	45	34	bcm	bc	bc.ogm	7.5	
Nottingham ...	1003.2	40	NNW	1	om	1003.1	*	35	+1	W	1	-	f	x	1	41	34	o.c	c.om	o	0.1	
Benson (Oxon.) ...	1003.3	39	NE	1	o	1002.1	-2	35	+3	-	0	-	om	x	-	44	29	c	o	om	*	
Sth Farnborough ...	1003.2	38	N	2	c	1002.6	-2	33	+1	NE	2	-	orm	x	1	45	27	bcm.bc	bc.o.c	b.osrm	3.0	
Salisbury Plain ...	*	*	*	*	*	*</																

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,916

THURSDAY, 27<sup>th</sup> FEBRUARY, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 26<sup>th</sup> FEBRUARY

STATIONS.		EVENING OF... 25th...					MORNING OF... 26th.....										AFTERNOON OF... 26th.....						
		Barom. Milli- bars at M.S.L.	Temp.	WIND		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Weather.	Rain- fall. Milli- metres.	TEMP.		ICELAND.	Barom. Milli- bars at M.S.L.	TEMP.		WIND.		Weather.
				Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.			Max.	Min			Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.	
		° F.	° F.			° F.	° F.							° F.	° F.			° F.	° F.				
RUSSIA.	Orlov ...	*	*	*	*	*	1008.6	*	19	+14	NNW	7	c	-	*	*	Isafjord ...	1020.0	30	0	E	2	0
	Kem ...	*	*	*	*	*	1021.1	-	14	-	WNW	6	s	-	*	*	Reykjavik	1017.7	34	+2	NE	2	r
	Archangel	*	*	*	*	*	1016.4	+7	3	-11	SW	2	s	-	*	*	Vestmanna	1017.5	39	+5	SW	1	0
	Imandra	*	*	*	*	*									*	*	Seydisfjord	1017.5	32	0	W	5	c
SWEDEN.	Haparanda	1032.6	-4	N	2	b	1032.8	*	-22	-16	NW	2	bc	-	7	-22	Thorshavn	1011.9	39	-2	-	0	bc
	Hernösand	1030.6	49	NE	4	0	1033.1	*	16	-2	NE	4	bc	-	21	14							
	Stockholm	1023.3	23	ESE	6	0	1027.7	*	21	-2	E	4	c	-	25	19							
	Wisby	1018.1	27	E	4	c	1023.5	*	23	-5	ESE	4	c	-	30	23							
	Karlstad	1021.1	23	NE	4	0	1019.7	*	21	-2	E	6	0	*	27	16							
ITALY.	Venice	1007.1	48	-	0	b		*															
	Turin	1007.4	48	-	0	b		*															
	Pesaro	1007.9	48	-	0	b	1010.2	*	48	+5	SW	1	b	2	55	43							
	Leghorn	1008.1	54	WNW	2	r	1009.4	*	55	+1	W	7	bc	-	59	50	Yarmouth ...	6.47	12.6	5.25			
	Rome	1010.2	48	SE	1	b	1013.0	*	43	-	-	0	b	3	61	41	Greenwich ...	6.45	12.6	5.27			
	Viesti	1007.4	50	-	0	b	1010.2	*	50	-4	NW	1	bc	-	55	47		6.53	12.13	5.33			
	Brindisi	1007.7	54	-	0	bc	1010.7	*	48	-4	NW	1	b	-	57	46		6.51	12.13	5.35			
	Cagliari	1012.3	61	NW	3	b	1016.6	*	48	0	NW	3	b	-	61	43	Wick ...	7.16	12.25	5.34			
	Palermo	1010.0	59	?	3	b		*									Valencia ...	7.14	12.25	5.36			
	Tripoli							*										7.35	12.54	6.13			
								*										7.33	12.34	6.15			

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

STATIONS.	27 <sup>th</sup> and 28 <sup>th</sup> Feb 1919.			Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.			
Yarmouth	6.47	12.6	5.25			
Greenwich	6.45	12.6	5.27			
	6.53	12.13	5.33			
Wick	7.16	12.25	5.34			
Valencia	7.14	12.25	5.36			
	7.35	12.54	6.13			
	7.33	12.54	6.15			

### LONDON

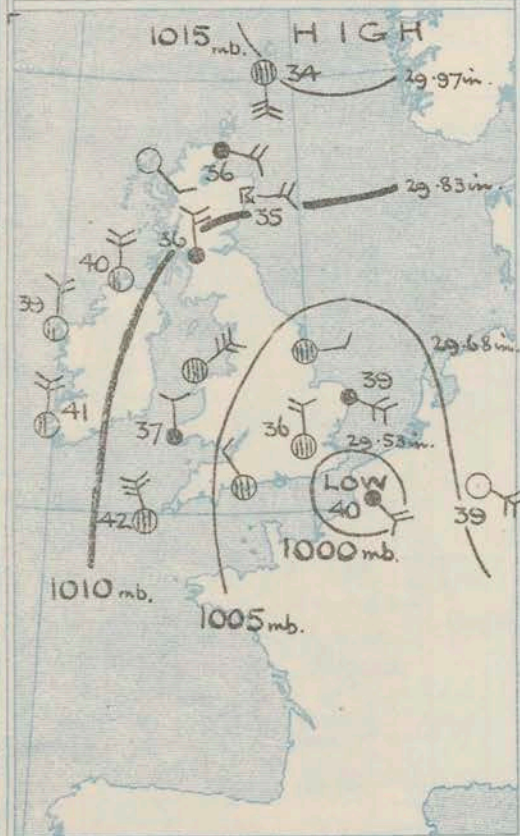
STATIONS.	Humidity.		Sun-shine for 24 hours.	TEMPERATURE.			Rain-fall.	WEATHER.		
	15 h.	24 h.		Max.	Min.	Min. on Grass.		Morning.	Afternoon.	Night.
27 <sup>th</sup> FEBRUARY 1919 G.M.T.										
GREENWICH (Royal Observatory)	94	87	0.0	43	35	34	6	0	or, or	or, 0
CITY (Bunhill Row)	*	*	0.0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	95	86	?	44	37	35	4	*	*	*
" (Roof near Charing Cross)	92	84	0.0	44	37	*	3	of, phr	em, ogr	o, odg, om
CAMDEN SQ. (British Rainfall)	97	87	0.0	45	35	33	4	0	0, or	*
KENSINGTON PALACE	*	85	*	43	35	34	4	0	*	*
RICHMOND PARK	*	*	0.0	*	*	*	*	*	*	*

### SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 26 <sup>th</sup>		
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
161	4.2	23

27<sup>TH</sup> FEB, at 1h. G.M.T.

THE MORNING OF THURSDAY, 27<sup>TH</sup> FEBRUARY 1919 at 7h. G.M.T.



# EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**WIND.**—Direction is shown by arrows flying with the wind.

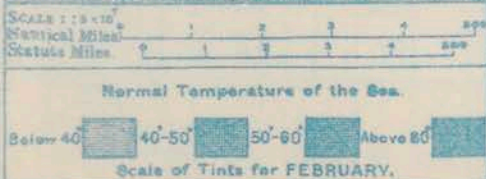
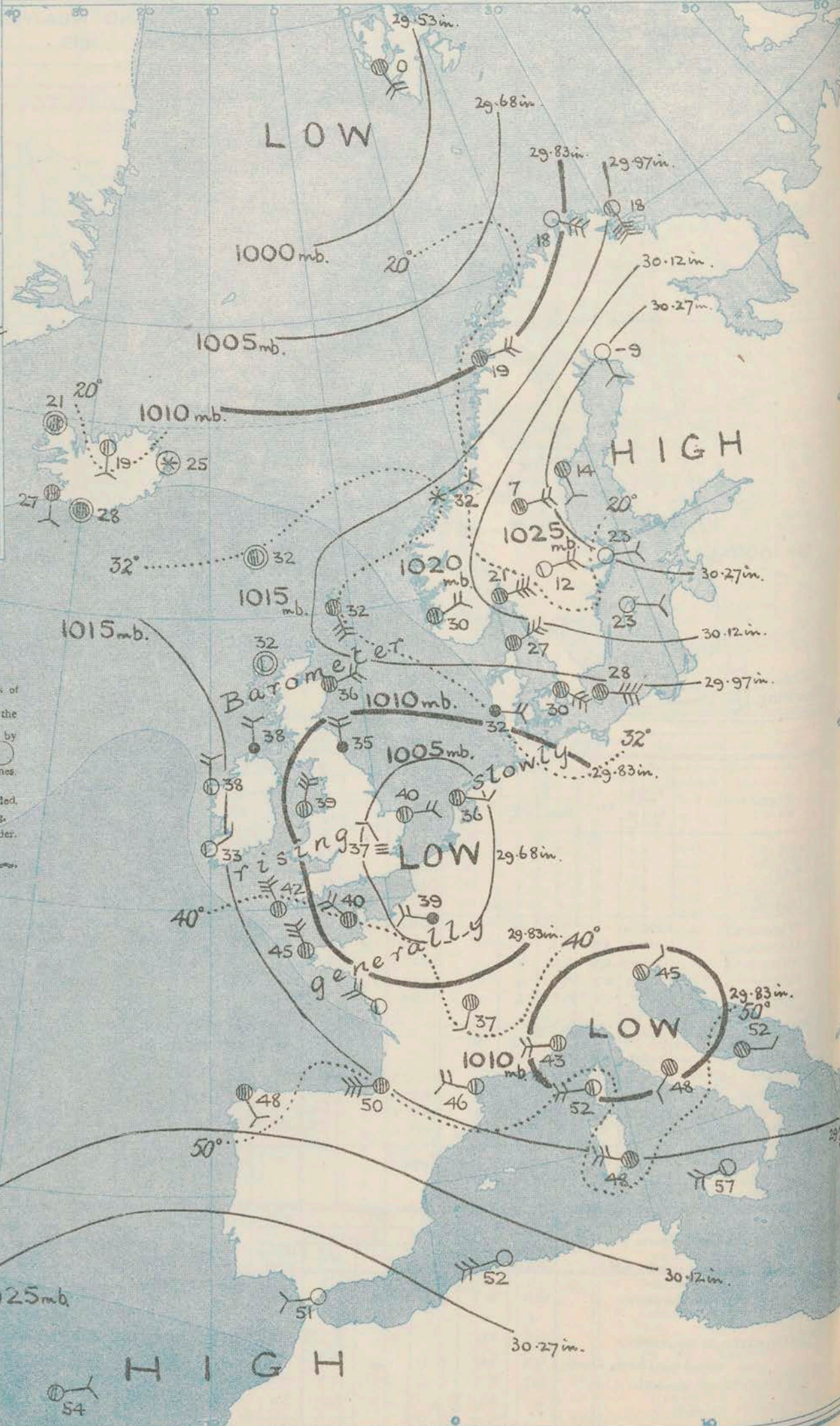
Force, on the scale 0-12, is indicated by the number of feathers. Calm.

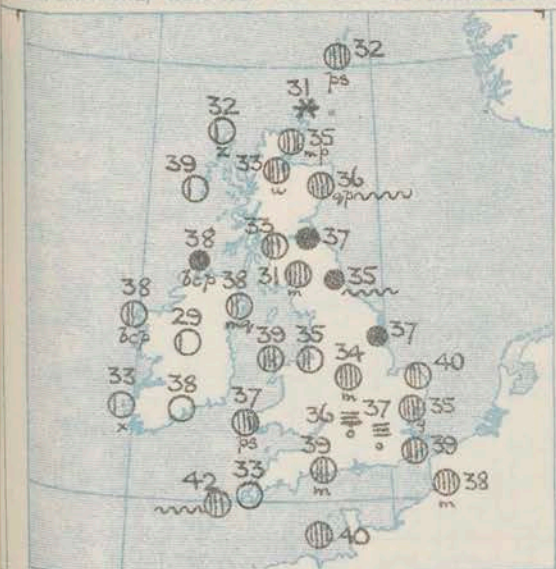
**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—

- clear sky.
- sky & clouded.
- sky & clouded.
- sky & clouded.
- overcast sky.
- rain falling.
- \* snow.
- ▲ hail.
- ≡ fog.
- ≡ mist.
- T, thunder.
- ⚡, thunderstorm.

**SEA DISTURBANCE.**—Rough wavy. High wavy.





## NOTES.

## Notes on the Weather of the 24 hours ended 7h. Today

The maximum temperature was below  $45^{\circ}$  in nearly all parts of the British Isles, and below  $40^{\circ}$  at some northern stations. Scarcely any frost occurred at night except in Ireland. Rain fell in most parts of England and locally in Ireland and some sleet or snow in Scotland and Wales. The largest measurements were 7 mm. at Leith and 5 or 6 mm. in various parts of Eastern and South-Eastern England and at Jersey. Bright sunshine was abundant locally in Ireland and the Hebrides, 6.8 hours at Valencia and 8.6 hours at Castlebay. In most other districts there was little, but about 4 hours were recorded at Pembroke and Great Yarmouth.

## The Conditions at 7h. Today

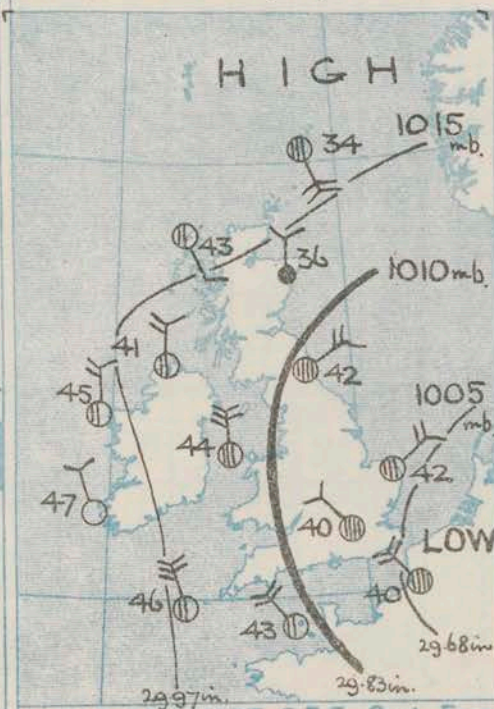
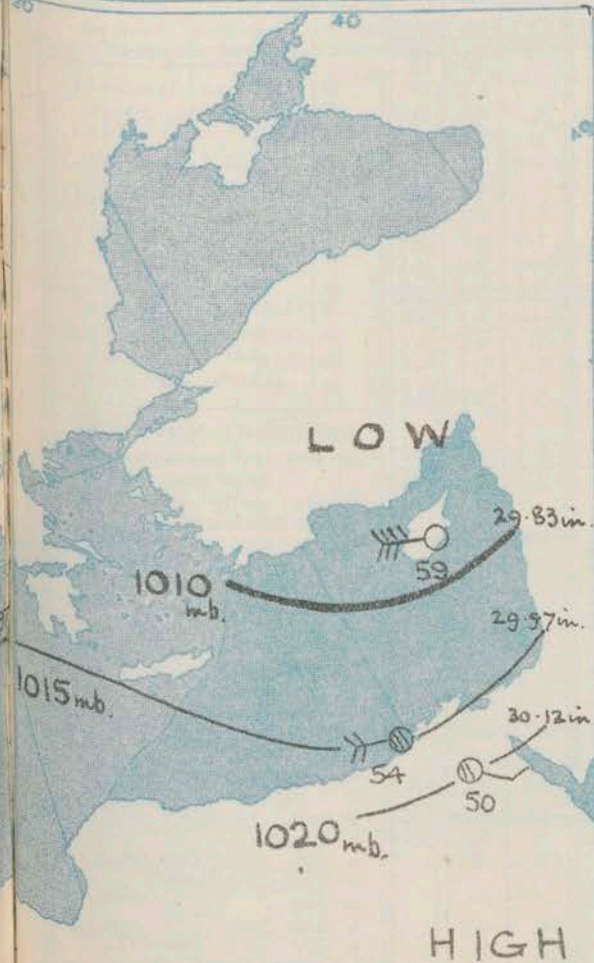
Pressure continues high both to the north-east and south-west of the United Kingdom, and is now lowest to the south-westward of Spitzbergen and in a depression which has travelled eastward and is centred over Belgium. The cyclonic circulation of the wind round the latter system is well marked, but the force is light except on some parts of our west and south-west coasts, where the Northerly current blows a fresh breeze. Rain is falling locally in North Ireland and at a few English, French and Scottish stations, and snow in Jutland, Orkney, Shetland and at Pembroke. Much cloud is reported generally, but over the greater part of Ireland the weather is fine. Temperature has changed irregularly but fallen at most stations.

## The Outlook

The depression over Belgium will probably disperse gradually as it moves away, but there are indications that slight irregularities of pressure moving southward over the British Isles will maintain the weather in an unstable condition. The Azores report points to a large depression far out on the Atlantic, but with the present distribution of pressure it is not likely to affect materially the conditions over this country.

THURSDAY, 27<sup>TH</sup>

FEBRUARY, 1919, at 13h. (1p.m.) G.M.T.



The barometer has risen over the British Isles generally and the gradient has become more favourable for Northerly winds.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1919. No. 58.

THURSDAY  
27th FEBRUARY

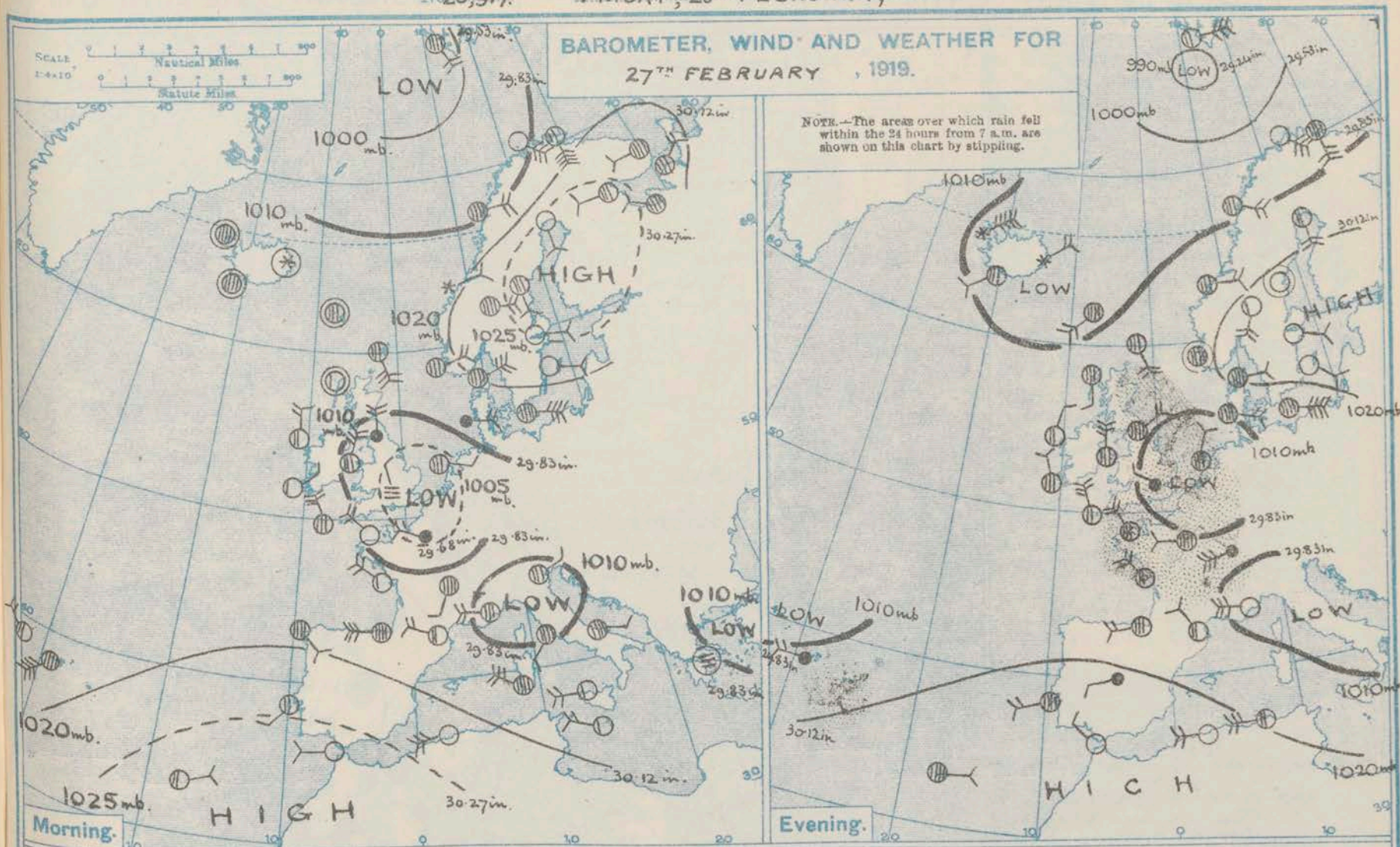
STATIONS.		EVENING OF...26th...					MORNING OF...27th.....										24 HOURS ENDED 7 h. 27th...						Sun- shine for 24th
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick	1014.1	34	SE	4	cm	1016.3	0	32	-5	SSE	5	-	ops	3	2	37	31	omd	omd	cps	*	
	Houton B. (Orkney)	1013.1	35	ESE	3	d	1014.9	+1	31	-4	E	3	*	s	-	39	31	ops	pd	cs	*		
	Stornoway	1012.2	38	SE	1	bc	1013.9	+1	32	-5	-	0	-	bz	-	44	32	bc	bc	bc, bz	2.5		
	Castlebay (Barra Isd.)	1011.6	41	N	4	b	1013.3	+1	39	-1	NNE	2	N	b	2	44	37	b	b	b, ops	8.6		
	Glasgow	1009.8	37	NE	3	o	1011.2	+2	33	-2	N	1	N	c	*	0.2	39	32	c, ops	o	asp, c	0.2	
	Esksdalemuir	1007.1	34	NNE	4	og	1008.9	+1	31	-3	N	4	-	om	*	1	39	31	chrs, ops, bz	ops, bz	om, o	2.5	
	Malin Head	1009.0	41	N	3	bc	1011.5	+1	38	-2	N	3	N	bcp	3	1	43	37	bc	bc	bcp	5.9	
	Blacksod Point	1009.2	40	N	2	bc	1015.2	0	38	+3	N	3	N	bcp	3	-	43	35	bem	bc	bc, bcp	*	
	Valencia (Cabiriveen)	1009.2	43	N	3	c	1016.0	+1	33	+3	NE	1	-	bz	-	46	28	bz	bc, c	bc, bz	6.8		
	Roche's Point	1007.1	42	NW	3	og	1014.3	+2	38	0	N	3	-	b	2	0.4	46	36	ro, c	c, og	b, c	*	
	Birr Castle	1007.8	41	N	2	c	1013.4	*	29	-6	S	1	-	b	*	-	44	29	c	c	c, b	1.0	
	Donaghadee	1007.4	41	NE	5	bem	1010.1	+1	38	-1	NE	5	NE	bem	5	1	42	35	bem	bem	og, map	*	
	Liverpool (Bidston)	1003.6	39	NNE	3	o	1007.8	+1	35	-1	NNW	3	N	bc	3	-	42	34	o	c	o, c	0.2	
	Holyhead	1004.5	42	NE	4	og	1009.2	+1	39	+3	NNE	5	N	c	4	-	43	35	og	cg	c, og	2.2	
	Pembroke (St. Ann's)	1004.1	41	NE	2	c	1010.7	?	37	0	N	2	N	ops	2	4	44	36	cd	c	cp, ops	3.7	
	Scilly (St. Mary's)	1004.4	43	N	5	o	1012.2	+2	42	+1	NNW	5	N	c	5	3	45	40	omp	omp, o	c	0.2	
	Falmouth	1002.7	40	NNW	4	bm	1010.6	+3	39	-2	NNW	2	-	c	*	2	45	37	of, o, dm	cm, bc	cp, cgh	2.2	
	Jersey (St. Aubin)	997.6	43	NW	3	or	1007.0	+2	40	-3	NW	4	-	o	3	6	45	38	or, o, cp	or, c, or	or, o	0.4	
	Portland Bill	998.7	40	N	4	o	1006.2	+3	39	-1	NNW	4	-	cm	3	5	41	38	or	or	o, cm	*	
	Dungeness	998.7	41	NE	2	c	1002.9	+5	39	-2	N	3	-	o	3	5	43	36	c, or	ric, bc	cp, bcp	*	
NORTHERN EUROPE.	Wick	1011.7	38	SE	3	omp	1013.7	+1	35	-4	ESE	4	-	omp	4	2	39	33	om	omp	ompr	*	
	Nairn	1011.0	38	E	1	o	1012.8	*	33	-1	E	1	-	ou	1	2	41	32	c, beg	bc, cg	d, ps, o	2.1	
	Aberdeen	1010.4	37	ENE	4	op, g	1011.2	+1	36	-2	ENE	4	-	ogp	5	4	39	33	op	of, g	op, r, g	0.0	
	Leith	1008.0	37	NE	4	r	1009.5	0	35	-3	NNE	4	-	r	4	7	39	34	our, o	r	do, r, r	*	
	Tynemouth	1003.9	39	E	4	rm	1004.7	0	35	-4	N	4	-	rm	5	4	41	34	op	op	omr	*	
	Spurn Head	1003.4	38	-	0	c	1005.1	+1	37	+1	NNE	3	-	or	3	2	42	35	c	c	c, or	0.3	
	Yarmouth (Gorleston)	1002.9	40	ENE	4	omr	1002.4	+2	40	+5	E	3	-	c	3	6	43	35	cm	bem, o	omr, cp	4.0	
	Clacton-on-Sea	1000.0	41	ENE	3	o	1002.8	+3	35	-1	NNW	4	N	og	2	6	44	35	om, bc	bc, ogr	ogr	0.8	
	Nottingham	1002.4	40	NE	2	c	1006.1	*	34	-1	N	3	N	om	*	-	43	34	o, c	c, o	o, o	1.7	
	Benson (Oxon.)	999.9	38	NE	3	om	1004.8	+3	36	+1	NNW	3	-	om	*	3	40	35	om	o	ord	*	
FRANCE, &c.	Sth Farnborough	*	*	NE	4	om	1005.0	+3	36	+3	NNW	2	-	orm	*	4	41	33	th, om	orm, om	odm, om	0.0	
	Salisbury Plain	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	London (Kew Obs.)	999.8	38	NNE	3	om	1004.8	+															

## THE BEAUFORT SCALE OF WIND FORCE.

# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,917.

FRIDAY, 28<sup>TH</sup> FEBRUARY, 1919.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 27<sup>TH</sup> FEBRUARY

STATIONS.	EVENING OF 26 <sup>TH</sup>					MORNING OF 27 <sup>TH</sup>										AFTERNOON OF 27 <sup>TH</sup>				
	Barom. Millibars at M.S.L.	Temp. °F.	Wind		Weather.	Barom. Millibars at M.S.L.	Change in 3 hours.	Temp.		Wind.	Force 0-12.	Weather.	Rain-fall. Millimetres.	Temp.		Barom. Millibars at M.S.L.	Change in 24 hours.	Wind		Weather.
			Dir.	Force 0-12.				Dry Bulb. °F.	Change in 24 hours.	Dir.	Force 0-12.			Max. °F.	Min. °F.			Dir.	Force 0-12.	
<b>RUSSIA.</b>																				
Orlov ...	*	*	*	*	*	1020.6	*	9	-10	W	2	0	*	*	*					
Kem ...	*	*	*	*	*	1025.1	*	14	0	WNW	3	0	*	*	*					
Archangel	*	*	*	*	*	1020.3	+2	10	+7	N	3	0	1	*	*					
Imandra	*	*	*	*	*									*	*					
<b>SWEDEN.</b>																				
Haparanda	1030.1	-8	SW	2	b	1025.5	-4	-9	+13	S	2	b	-	5	-22					
Hernösand	1031.1	16	-	0	b	1026.6	-1	14	-2	S	2	c	-	18	10					
Stockholm	1027.4	21	E	4	b	1025.0	0	23	+2	ESE	2	b	-	25	19					
Wislva	1023.8	23	ESE	4	b	1022.4	0	23	0	ESE	2	b	-	25	19					
Karlskrona	1024.8	21	E	2	b	1023.5	0	12	-9	E	4	b	-	25	7					
<b>ITALY.</b>																				
Venice						1006.2	*	45	?	-	0	c	trace	48	43					
Turin						1006.1	*	41	?	NE	3	0	-	54	41					
Pesaro						1007.5	*	46	-2	-	0	0	-	63	43					
Leghorn						1008.6	*	54	-1	W	7	0	-	59	50					
Rome						1009.5	*	48	+5	-	0	0	2	59	48					
Viesti						1011.5	*	52	+2	ESE	1	0	-	55	?					
Brindisi						1011.8	*	46	-2	NW	1	0	-	59	46					
Cagliari	1012.3	?	-	0	b	1015.1	*	48	0	NW	5	0	2	63	48					
Palermo						1016.2	*	57	+9	W	4	b	-	63	48					
Tripoli																				

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

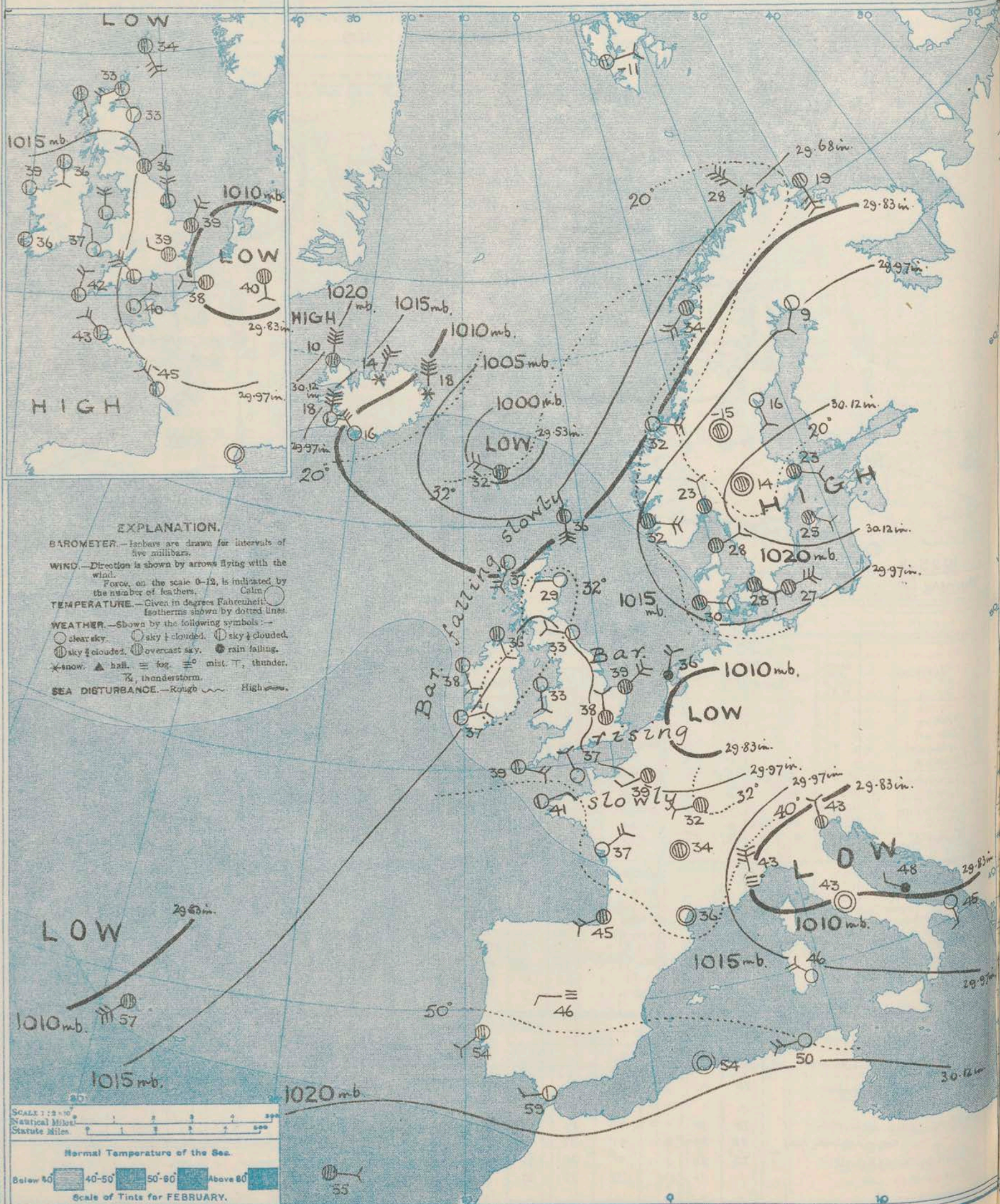
Feb 28 <sup>th</sup> & Mar 1 <sup>st</sup> 1919.	Sunrise.		Noon.		Sunset.	
	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.45	12.6	5.27			
Greenwich	6.43	12.6	5.29			
Wick	6.51	12.13	5.35			
Valencia	6.49	12.13	5.37			
	7.14	12.25	5.36			
	7.11	12.25	5.39			
	7.33	12.54	6.15			
	7.31	12.54	6.17			

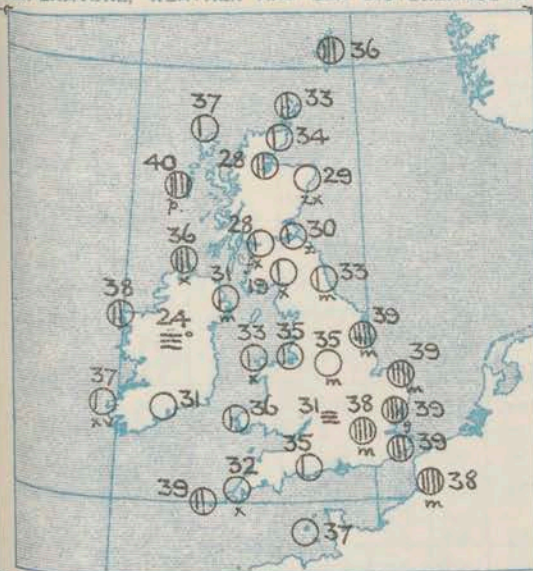
LONDON	HUMIDITY.		Sun-shine for 24 hours.	TEMPERATURE.			Rain-fall.	WEATHER.		
	15 h.	9 h.		Max.	Min.	Min. on Grass.		Morning.	Afternoon.	Night.
	27 <sup>TH</sup>	28 <sup>TH</sup>		°F.	°F.	°F.				
28 <sup>TH</sup> FEBRUARY 9h. G.M.T.	78	90	0.0	39	36	35	1	0	oep	0
GREENWICH (Royal Observatory)	*	*	0.0	*	*	*	*	*	*	*
CITY (Bunhill Row)	78	90	0.0	41	37	32	0.8	*	*	*
WESTMINSTER (St. James's Park)	72	84	0.0	41	37	*	1	om	om. od	o. or. om.
Roof of Admiralty Arch.	77	88	0.0	41	35	32	1	0	0	*
CAMDEN SQ. (British Rainfall)	*	89	*	39	36	31	1	0	od	*
KENSINGTON PALACE										
RICHMOND PARK										

SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during 27 <sup>TH</sup> .		
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
167	4.3	16

28<sup>TH</sup> FEB, at 1h. G.M.T.

THE MORNING OF FRIDAY, 28<sup>TH</sup> FEBRUARY 1919 at 7h. G.M.T.





## NOTES.

*Aurora* observed during night of 27<sup>th</sup> to 28<sup>th</sup> at the following stations:-

Houaton Bay	Liverpool
Eskdalemuir	Holyhead
Malin Head	Scilly Is.
Valencia	Nairn
Roche's Point	Aberdeen
Donaghadee	

## Notes on the Weather of the 24 hours ended 7h. Today

Temperature rose to 40° or a few degrees higher over the Kingdom generally, and to 45° or above on the south-west coasts; at Liverpool and in some parts of Scotland it failed to reach 40°. Frost occurred at night at most places inland and at some northern coast stations, but was not severe except at Eskdalemuir and Birr Castle. Showers - mostly of rain - were experienced in the northern and eastern districts, the largest measurement being 5 mm. at Aberdeen. Much bright sunshine was recorded in the west and north-west; 9.3 hours at Valencia, 9.0 hours at Castlebay, 8.3 hours at Malin Head, 7.5 hours at Holyhead and 7.2 hours at Falmouth. In the north-east, east and south-east the day was mostly overcast.

## The Conditions at 7h. Today

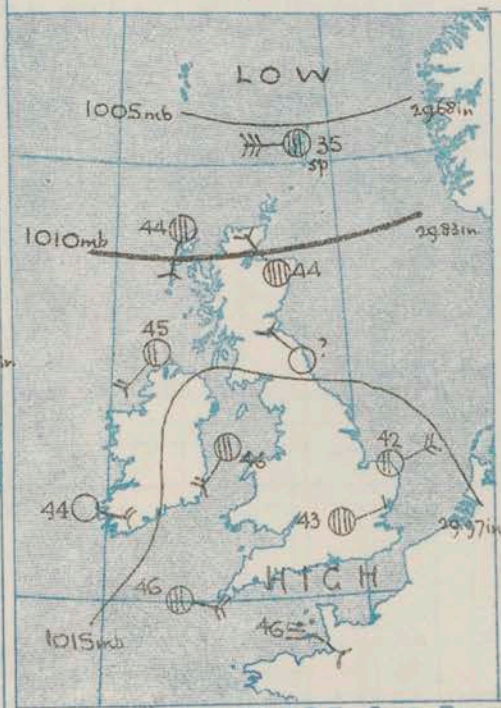
Pressure is highest over the Madeira region, and relatively high in a ridge extending thence to the south of Scotland. It is also high in a separate system over Denmark and Southern Scandinavia. The lowest readings are in a depression centred near the Farøe. This depression is causing a fall of the barometer in Scotland, while a fall in the west of Ireland is apparently due to a depression on the Atlantic. The wind is generally light or moderate - from SW. to S. in the far north of Scotland and from some Northerly point in most parts of Ireland and England. Over Iceland, in the rear of the depression, there is a Northerly gale. The sky is almost cloudless in Scotland, Ireland and the western and northern parts of England, but overcast in the east and south-east, with mist in places, and fog at Benson. Temperature has fallen in most localities.

## The Outlook

The changes in progress are slight and indefinite, but it is probable that the northern depression will move slowly southward and cause further rain or passing showers of rain, sleet and snow in most parts of the British Isles.

FRIDAY, 28<sup>th</sup>

FEBRUARY, 1919, at 13h. (1p.m.) G.M.T.



The depression in the north is moving slowly south or south-east. The fall of the barometer is continuing in Ireland and extending very slowly eastward.

STATIONS.		EVENING OF... 27 <sup>TH</sup> ...					MORNING OF... 28 <sup>TH</sup> ...										24 HOURS ENDED 7 h. 28 <sup>TH</sup> ...					Sun- shine for 27 <sup>TH</sup>
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer.		Temp.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Temp.		WEATHER.			
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick ...	1016.0	33	SSE	4	C	1008.4	-4	36	+4	S	6	S	C	4	-	36	31	C	C	C	Hours
	Houton B. (Orkney) ...	1014.3	39	SSE	1	CZ	1010.3	-2	33	+2	SSW	3	*	bc	3	*	37	31	bc.cps	bc	b.b.c.	*
	Stornoway ...	1014.3	39	SSE	1	CZ	1009.8	-2	37	+5	SSW	3	-	b	2	-	44	31	b.b.c.	bc.cz	c.b	7.0
	Castlebay (Barra Isd.) ...	1015.3	41	WNW	1	bc	1012.8	-1	40	+1	WNW	3	W	op	2	1	44	37	bc	bc.b	bc.b.op	9.0
	Glasgow ...	1014.2	38	ENE	2	b	1015.2	0	28	-5	SW	1	-	bfx	*	-	43	26	b.b.c.v	b.b.c.b	bm.x	4.6
	Eskdalemuir ...	1013.4	34	N	3	bc	1016.8	+1	19	-12	-	0	-	bxx	*	-	37	19	ops.cps	C.b.c	bx	2.1
	Malin Head ...	1015.1	40	N	2	bcv	1014.3	-1	36	-2	SSE	2	E	cx	2	1	42	34	bcv	bcv	cx	8.3
	Blacksod Point ...	1016.4	42	NNE	1	bcv	1014.8	-2	38	0	SSE	2	-	bc	3	-	45	35	bcv	bcv	bc.c.b.c.	*
	Valencia (Cahiriveen) ...	1017.4	44	NNW	2	bcv	1014.7	-3	37	+4	ENE	2	-	bxx	3	-	47	29	bcv	bcv	b.b.xv	9.3
	Roche's Point ...	1016.3	44	N	2	b	1016.4	0	31	-7	-	0	-	b	1	TRACE	47	31	b.b.c	bc.b	bx	*
	Birr Castle ...	1015.5	39	NNE	1	C	1016.3	*	24	-5	N	1	-	m	x	-	46	24	C	C	fx	7.0
	Donaghadee ...	1014.5	39	NNE	3	bc	1015.4	0	31	-7	SW	2	-	bm	2	-	42	29	bc.mq	byq	bc.m.bm	*
	Liverpool (Bidston) ...	1011.9	38	NNW	3	0	1015.8	+1	35	0	WNW	1	NW	b	1	0.2	39	34	C.ops	0	bcx	0.0
	Holyhead ...	1013.1	41	N	5	cg	1015.9	0	33	-6	S	2	-	bx	0	-	44	32	C.b.c.b	C.cg	C.b.c.bx	4.5
	Pembroke (St. Ann's) ...	1014.2	39	N	2	bcv	1016.7	*	36	-1	ENE	1	-	b	1	-	43	35	cp	cv	bc	6.4
	Scilly (St. Mary's) ...	1016.0	43	NNW	5	bc	1016.5	0	39	-3	ESE	3	E	bc	4	-	48	37	C.b.c	bc	bc.c.b.c	4.3
	Falmouth ...	1014.8	40	NNW	1	bc	1016.6	0	32	-7	N	1	-	bx	*	-	46	31	C.ov.cq	Cq.cb.c	b.b.c.xv	7.2
	Jersey (St. Aubin) ...	1012.4	40	NW	4	cp	1015.6	+1	37	-3	NNW	2	-	b	1	-	47	36	0.b	b.oph.c	cp.b	6.0
	Portland Bill ...	1011.0	40	NNW	4	C	1015.0	+2	35	-4	N	3	-	b	3	-	44	33	C	C	b	*
	Dungeness ...	1007.2	39	NNW	4	0	1012.4	+3	39	0	NNW	3	N	C	3	-	41	36	C	C.O	O.O.C	*
Wick ...	1014.7	36	-	0	0	1010.1	-3	34	-1	SSW	3	-	b	4	1	39	29	omp.bc	bc.o	bc.m.x	*	
Nairn ...	1014.7	35	-	0	0	1011.8	*	28	-5	-	0	-	bc	1	3	37	27	o.op.c	sp.c	o.b.c.v	2.5	
Aberdeen ...	1013.7	35	NNW	2	bc	1013.2	-1	29	-7	W	1	-	bxx	4	5	38	28	optsq	oph.bc	bc.c.bx	0.0	
Leith ...	1013.4	38	NNE	1	C	1014.6	0	30	-5	SW	1	-	bz	2	-	40	30	do.c.b.c	C.b.c.c	C.O.C.B	*	
Tynemouth ...	1010.4	40	NE	3	0	1013.6	0	33	-2	WNW	2	-	bm	4	0.4	42	33	op	0	bm	*	
Spurn Head ...	1009.5	40	NE	3	or	1014.8	+1	39	+2	NNW	3	-	om	3	7	40	36	or	or	C.O	0.0	
Yarmouth (Gorleston) ...	1007.5	40	ENE	3	0	1012.3	+2	39	-1	NE	4	-	om	4	1	44	38	cm	cm.o	omr.om	2.7	
Clacton-on-Sea ...	1007.7	39	NW	3	0	1012.9	+3	39	+4	NW	3	N	ogr	2	3	42	35	og.c	C.og	ogrmg	1.6	
Nottingham ...	1010.3	39	NNW	2	ome	1015.2	*	35	+1	NNW	2	-	bm	*	0.2	41	34	a.cm	adm	o.c.b	0.0	
Benson (Oxon.) ...	1009.5	38	NW	3	om	1015.0	+2	31	-5	-	0	-	f	*	0.4	41	31	bcm	C	or.cm	*	
Sth Farnborough ...	*	*	WNW	4	om	1015.5	+2	35	-1	WNW	2	-	og	*	1	42	34	rdm.om	om.b.com	r.cm	1.4	
Salisbury Plain ...	*	*	*	*	*	*	*	*														