

5381

M.O. FORM 2610

METEOROLOGICAL OFFICE,  
LONDON.

---

# DAILY WEATHER REPORTS

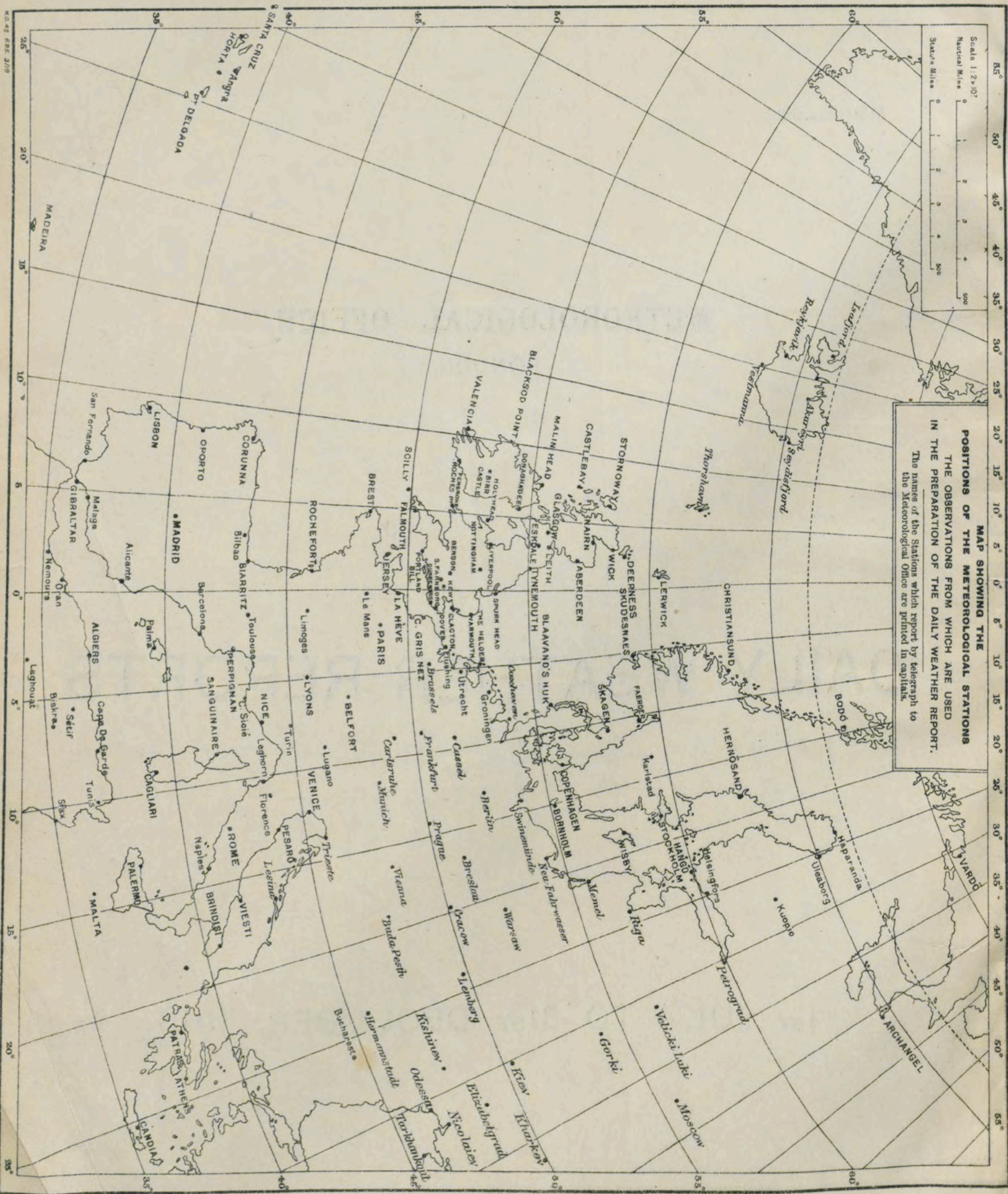
---

1<sup>ST</sup> JULY TO 31<sup>ST</sup> DECEMBER, 1918.



R5      30°      45°      40°      30°  
 Scale 1:27102  
 Nautical Miles  
 Statute Miles

The names of the Stations which report by telegraph the Meteorological Office are printed in capitals.





# DAILY WEATHER REPORT. APPENDIX I.

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

### FOURTH QUARTER, OCTOBER TO DECEMBER.

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

OCTOBER.

NOVEMBER.

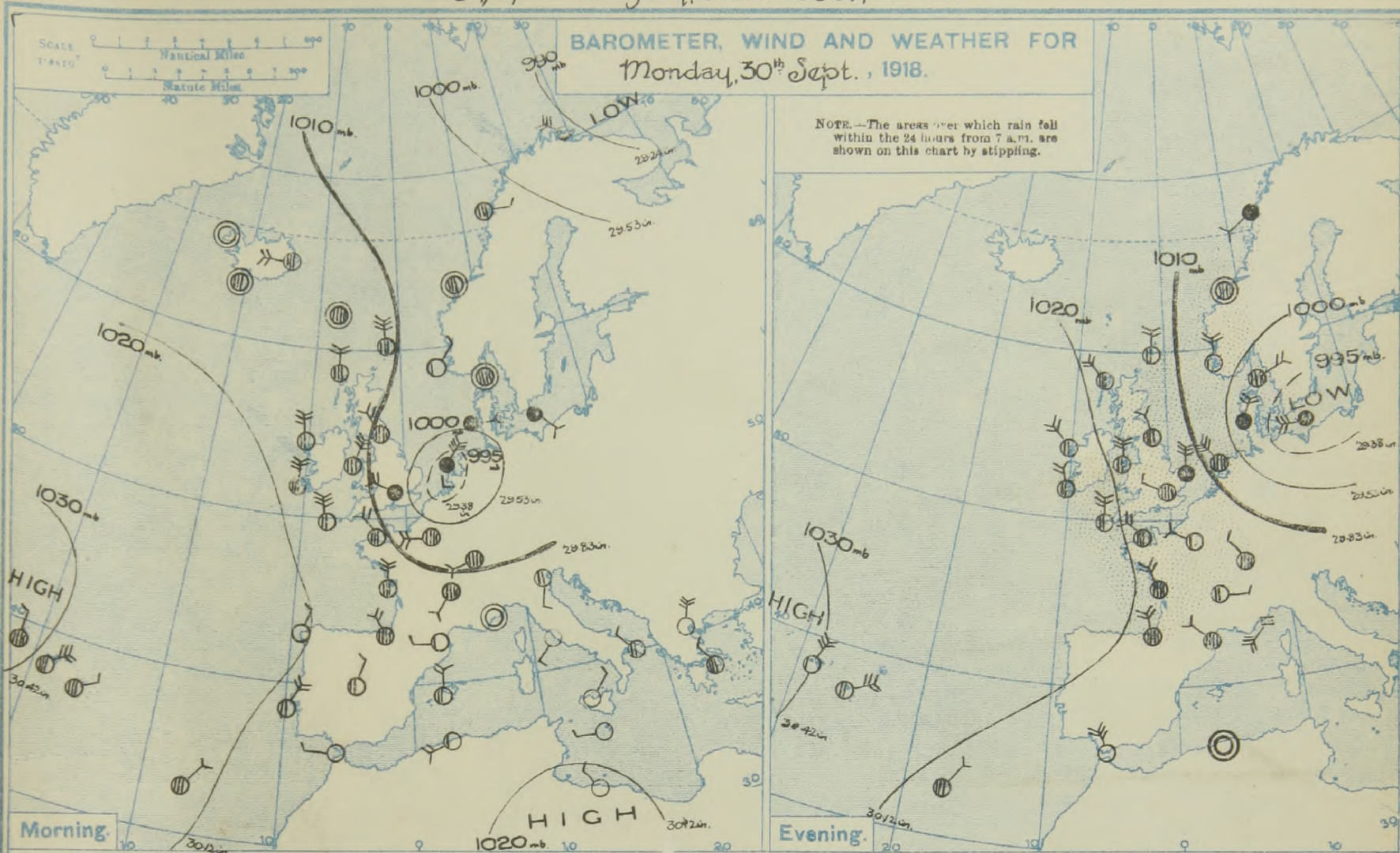
DECEMBER.

STATIONS.	PRESSURE	AIR TEMPERATURE.								RAINFALL		BRIGHT	
	1906-1915.	Means of			Absolute Extremes.				1881-1915.		SUNSHINE.		
	7 a.m. Obser- vations (re- duced to M.S. Level).	1906-1915.	1881-1915.		1881-1915.				Days with Rain.	Total Fall.	Daily Mean.	Per Cen- tage of Possible Duration.	
		Dry Bulb 7 a.m.	Daily Maxi- mum.	Daily Mini- mum.	Maximum.		Minimum.						
					Temp.	Year.	Temp.	Year.					
	mb.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	mm.	in.	hr.	%	
Lerwick	1011.2	47.3	50.1	42.3	63	1908	28	1887	24	100	3.95	—	
Stornoway	1010.0	47.1	52.2	41.2	70	1898	27	1892	23	132	5.18	2.77	
Castletbay (Barra Isd.)	[1011.6]§	[50.5]§	[53.6]§	[47.7]§	[63]§	[1908]§	[34]§	[1909, 1913]§	[20]§	[86]§	[3.39]§	[2.55]§	
Eskelemaur	[1014.4]¶	[42.4]¶	[51.5]¶	[38.5]¶	[65]¶	[1910]¶	[19]¶	[1911]¶	[15]¶	[100]¶	[3.93]¶	[2.39]¶	
Malin Head	1009.3	49.3	[53.2]	[45.6]	[73]	[1908]	[32]	[1892]	[20]	[75]	[2.95]	—	
Blackod Point	1009.4	51.0	[54.7]	[46.0]	[71]	[1908]	[29]	[1905]	[23]	[127]	[4.99]	—	
Valencia	1010.2	51.2	50.4	46.6	71	1908	28	1892	22	142	5.57	3.26	
Roche's Point	1011.2	51.0	56.2	46.4	65	1884, 86, 1014, 15	32	1881	19	104	4.09	—	
Birr Castle	1010.7	46.8	55.0	40.7	74	1908	22	1905	18	74	2.91	3.16	
Donaghadee	1011.3	49.2	54.3	44.3	66	1898	21	1892	18	73	2.88	—	
Liverpool (Observatory)	1012.5	47.9	54.1	44.8	73	1908	27	1895	18	83	3.27	[2.81]§	
Holyhead	1011.5	51.3	55.1	46.9	75	1908	32	1892	19	101	3.99	[2.87]§	
Pembroke (St. Ann's Hd.)	1011.4	51.6	55.6	48.1	67	1908	33	1895	19	106	4.19	3.29	
Scilly (St. Mary's)	1011.3	53.2	57.5	50.1	69	1895	38	1895, 1896	21	93	3.66	3.81	
Falmouth	1012.5	51.0	56.3	47.7	67	1895	33	1895	21	126	4.06	3.74	
Jersey (St. Aubin's)	1013.3	53.4	59.0	49.1	76	1908	33	1887	20	116	4.55	4.06	
Portland Bill	1012.2	53.8	56.9	48.8	[67]†	[1908]†	[35]†	[1905, 1908]†	17	94	3.68	—	
Dungeness	1013.2	52.1	57.4	46.0	70	1886, 1908	23	1890	17	89	3.52	—	
Dover	[1015.5]§	[50.7]§	[57.5]§	[46.6]§	[74]§	[1908]§	[30]§	[1909]§	[18]§	[106]§	[4.18]§	[3.81]§	
Wick	1011.0	47.0	52.2	41.0	73	1898	22	1885	21	75	2.96	—	
Nairn	1010.9	44.2	53.1	39.0	76	1908	19	1896	19	60	2.35	[3.20]‡	
Aberdeen	1012.2	46.6	52.8	41.7	74	1883	25	1880	20	76	3.00	3.06	
Leith	1011.9	47.7	54.8	42.1	75	1908	25	1894	17	61	2.41	—	
Tynemouth	1012.6	47.9	54.1	42.4	77	1908	27	1890, 92, 95, 1909	17	76	3.01	—	
Spurn Head	1012.8	50.7	54.6	45.9	70	1900	33	1887, 1895	17	61	2.40	[2.68]§	
Yarmouth	1013.6	50.6	55.2	45.3	74	1900, 1908	27	1895	18	74	2.93	[3.35]§	
Clacton-on-Sea	1013.7	51.0	55.7	45.7	[71]‡	[1908]‡	[29]‡	[1905]‡	14	49	1.91	3.01	
Nottingham	1013.3	46.6	55.3	41.7	78	1908	20	1890	19	63	2.49	2.68	
LONDON (Kew Obsy.)	1013.9	48.5	56.2	43.5	77	1886	25	1881, 1895	17	69	2.70	2.97	
Lerwick	1005.3	42.3	46.2	38.9	58	1901	24	1912	25	108	4.25	1.43	
Stornoway	1007.2	42.1	47.6	38.0	58	1897, 1901, 02	24	1912	24	148	5.83	1.43	
Castletbay (Barra Isd.)	[1007.8]§	[45.4]§	[48.5]§	[41.6]§	[56]§	[1914]§	[28]§	[1912]§	[24]§	[101]§	[3.96]§	[1.57]§	
Eskelemaur	[1009.4]¶	[37.6]¶	[43.2]¶	[32.1]¶	[54]¶	[1914]¶	[6]¶	[1912]¶	[20]¶	[154]¶	[6.05]¶	[2.55]¶	
Malin Head	1008.4	44.6	[48.6]	[41.7]	59	[1894, 99, 1906]	[30]	[1909, 1912]	[21]	[83]	[3.28]	—	
Blackod Point	1010.3	46.1	[50.2]	[42.0]	60	[1897, 1899]	[26]	[1890]	[24]	[132]	[5.21]	—	
Valencia	1012.4	46.3	52.0	42.9	63	1881	27	1890, 96, 1901	23	139	5.46	2.17	
Roche's Point	1013.0	45.5	51.4	42.5	61	1908, 1909	27	1890	19	107	4.20	—	
Birr Castle	1011.8	40.6	49.3	36.8	64	1912	17	1909	19	76	3.10	2.13	
Donaghadee	1010.4	43.7	49.4	40.1	60	1894, 1909	27	1883	19	77	3.04	—	
Liverpool (Observatory)	1011.6	42.5	48.5	40.2	61	1894, 95, 99	25	1901, 05, 15	18	64	2.50	[2.27]§	
Holyhead	1011.3	46.3	50.2	42.9	62	1881	20	1915	19	105	4.14	[2.50]§	
Pembroke (St. Ann's Hd.)	1012.2	46.7	51.1	43.9	60	1911	28	1890	20	97	3.80	2.17	
Scilly (St. Mary's)	1013.2	48.7	53.2	46.3	61	1898	29	1890	20	83	3.27	2.50	
Falmouth	1013.9	46.1	51.6	43.0	60	1895, 1897	23	1890	20	122	4.80	2.53	
Jersey (St. Aubin's)	1014.2	47.9	53.0	44.3	66	1892	16	1890	21	104	4.08	2.53	
Portland Bill	1012.7	47.7	51.7	44.3	[61]†	[1900]†	[29]†	[1912]†	14	66	2.58	—	
Dungeness	1012.2	44.4	50.7	40.7	63	1899	17	1890	16	70	2.75	—	
Dover	[1012.9]§	[42.7]§	[48.9]§	[38.6]§	[60]§	[1914]§	[25]§	[1911]§	[16]§	[78]§	[3.07]§	[2.90]§	
Wick	1006.6	41.5	46.9	37.0	62	1900	12	1909	20	80	3.14	—	
Nairn	1007.5	39.8	46.9	35.4	62	1906	12	1904	19	60	2.36	[1.70]‡	
Aberdeen	1008.3	40.7	46.8	37.4	62	1889	19	1909	19	75	2.05	1.83	
Leith	1009.0	42.0	48.5	38.0	63	1885	18	1885	15	50	1.95	—	
Tynemouth	1009.9	41.8	48.4	38.1	62	1894	20	1912	16	54	2.13	—	
Spurn Head	1010.4	43.8	48.2	40.8	61	1894, 1895	28	1884	16	47	1.85	[1.90]§	
Yarmouth	1011.6	43.3	48.5	39.6	60	1895, 98, 99, 1904	23	1890	18	61	2.41	[2.33]§	
Clacton-on-Sea	1012.4	43.0	48.5	39.7	[60]‡	[1908]‡	[25]‡	[1904]‡	15	47	1.86	2.33	
Nottingham	1011.9	40.7	48.4	37.1	63	1895	13	1904	19	48	1.88	1.37	
LONDON (Kew Obsy.)	1013.2	41.9	49.1	38.8	52	1881, 94, 95	21	1901	16	56	2.22	1.73	
Lerwick	1000.9	40.4	43.6	36.6	53	1890, 1905	19	1909	27	122	4.79	—	
Stornoway	1000.9	40.3	44.4	35.4	55	1898, 1913	16	1912	26	159	6.25	0.74	
Castletbay (Barra Isd.)	[1000.5]§	[44.1]§	[46.9]§	[40.1]§	[54]§	[1912]§	[26]§	[1912]§	[26]§	[146]§	[5.74]§	[0.77]§	
Eskelemaur	[1003.9]¶	[36.7]¶	[42.1]¶	[31.0]¶	[52]¶	[1910, 12]¶	[8]¶	[1912]¶	[26]¶	[204]¶	[8.04]¶	[0.74]¶	
Malin Head	1001.6	42.3	[45.7]	[38.6]	[55]	[1900, 04, 13]	[28]	[1906, 1909]	[24]	[85]	[3.35]	—	
Blackod Point	1001.0	44.4	[47.5]	[39.9]	[59]	[1899]	[25]	[1906]	[26]	[155]	[6.12]	—	
Valencia	1005.8	45.4	49.8	41.1	57	1884, 88, 99, 1900	24	1886	26	169	6.64	1.32	
Roche's Point	1006.9	44.5	48.8	40.4	57	1906	25	1882	23	135	5.32	—	
Birr Castle	1005.2	40.5	46.1	35.0	58	1900	10	1882	21	84	3.29	1.39	
Donaghadee	1004.4	41.8	45.9	37.2	56	1885, 88, 94, 1909, 12, 13	21	1909	21	81	3.17	—	
Liverpool (Observatory)	1006.7	41.2	44.8	36.8	59	1891, 98, 1900	17	1882, 1890	19	67	2.65	[1.39]§	
Holyhead	1005.8	44.5	46.9	39.9	56	1888	26	1890, 1902	20	106	4.16	[1.77]§	
Pembroke (St. Ann's Hd.)	1006.9	45.5	48.1	41.3	57	1899, 1902	19	1890	22	115	4.52	1.35	
Scilly (St. Mary's)	1008.6	47.6	50.7	44.0	58	1899, 1900	30	1890	23	111	4.36	1.81	
Falmouth	1009.5	45.5	48.8	41.6	57	1899	25	1886, 1890	23	159	6.27	1.77	
Jersey (St. Aubin's)	1011.5	46.2	48.8	41.1	59	1898	22	1890	22	105	4.15	1.87	
Portland Bill	1009.1	46.5	48.1	41.2	[56]†	[1906, 07, 13]†	[24]†	[1908]†	19	75	2.94	—	
Dungeness	1009.5	43.2	46.2	37.1	56	1897, 98, 1900, 07	12	1890	17	70	2.77	—	
Dover	[1010.2]§	[42.4]§	[46.7]§	[38.4]§	[54]§	[1912, 14, 15]§	[18]§	[1908]§	[21]§	[105]§	[4.12]§	[1.45]§	
Wick	1001.3	39.3	43.6	34.3	58	1905, 1907	10	1906	22	78	3.08	—	
Nairn	1001.9	37.4	43.0	32.1	58	1900	8	1912	19	56	2.22	[1.16]‡	
Aberdeen	1003.3	38.5	42.9	34.2	57	1885, 98, 1906, 10,							



# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20767. Tuesday, 1<sup>st</sup> October, 1918.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 30<sup>th</sup> SEPTEMBER

STATIONS.		EVENING OF 29 <sup>th</sup>					MORNING OF 30 <sup>th</sup>										MORNING OF 30 <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.	Archangel ...													*	*		Isafjord ...	1012.3	41	+7	-	0	b
	Petrograd ...													*	*		Reykjavik	1012.4	39	+16	SSW	2	0
	Moscow ...													*	*		Vestmanna	1017.6	36	0	-	0	c
SWEDEN.	Hernösand ...						*						*	*	*	Seydisfjord	1014.0	36	+16	W	4	c	
	Stockholm ...						*						*	*	*	Thorshavn	1012.9	39	+1	-	0	0	
	Wisby ...						*						*	*	*	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM							
ITALY.	Venice ...					1012.6	*	64	+1	E	1	bc	-	72	59	1 <sup>st</sup> and 2 <sup>nd</sup> Oct. 1918.		Sunrise.	Noon.	Sunset.			
	Turin ...	1013.5	64	-	0	b	1011.9	*	61	+2	-	0	0	-	88	57		G.M.T.	G.M.T.	G.M.T.			
	Pesaro ...	1015.0	64	S	1	b	1032.1	*	?	-	NNW	2	b	-	?	?		5.56	11.43	5.30			
	Leghorn ...					1013.0	*	70	0	W	1	bc	-	75	66		5.57	11.42	5.27				
	Rome ...	1014.6	68	NW	1	b	1014.6	*	68	+5	SW	1	b	-	79	63		6.2	11.50	5.38			
	Viesti ...	1013.1	73	NW	1	c	1014.2	*	?	-	NNE	1	0	-	?	?		6.3	11.49	5.35			
	Brindisi ...	1014.6	73	NW	2	bc	1014.3	*	66	+2	NW	2	bc	-	73	66		6.19	12.2	5.44			
	Cagliari ...					1015.4	*	64	-8	ENE	1	b	-	81	59		6.21	12.1	5.42				
	Palermo ...	1014.7	72	ESE	1	b	1023.8	*	72	-3	WNW	1	b	-	99	61		6.43	12.31	6.19			
	Tripoli ...																	6.44	12.30	6.16			

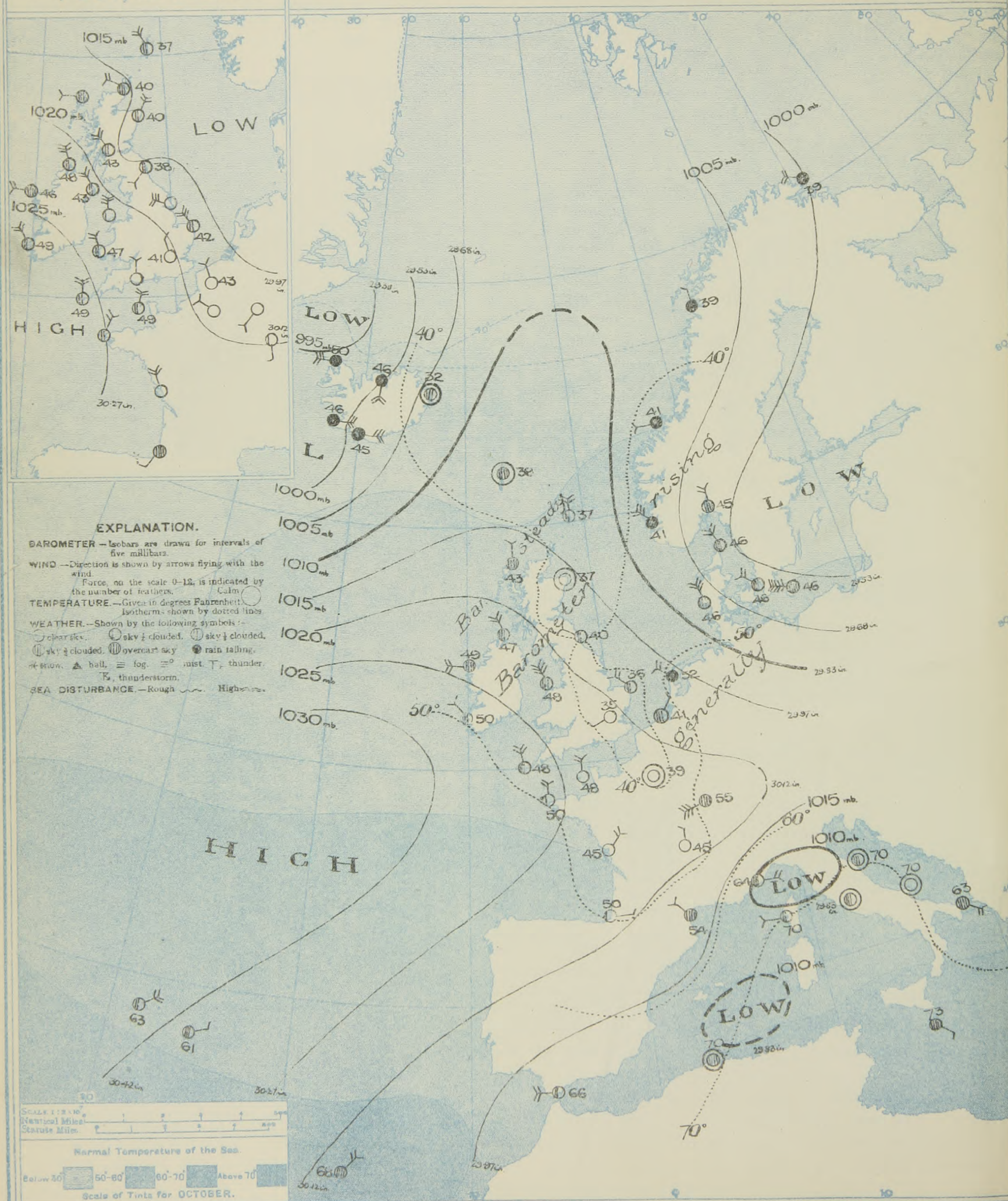
LONDON				24 HOURS ENDED 9 h. 1 <sup>st</sup> October										SOUTH KENSINGTON (M.O.)		
1 <sup>st</sup> Oct. 9h. G.M.T.				TEMPERATURE.			Rain-fall. mm.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during 30 <sup>th</sup>					
15 h.	9 h.	30 <sup>th</sup>	30 <sup>th</sup>	Max. °F.	Min. °F.	Min. on Grass. °F.		Morning.	Afternoon.	Night.	Total.	Average Rate.	Max. Rate.	Total.	Average Rate.	Max. Rate.
GREENWICH (Royal Observatory) ...	72	77	0.7	51	34	23	Trace	od	l	bcwz						
CITY (Bunhill Row) ...	*	*	1.0	*	*	*	*	*	*	*						
WESTMINSTER (St. James's Park) ...	79	82	1.2	53	34	28	0.2	x	x	x						
" (Reg. near Charing X) ...	59	80	1.0	52	35	-	-	om	c, bc	bc, bx						
CAMDEN SQ. (British Rainfall) ...	81	85	2.1	54	32	28	Trace	bc, o	o	*						
KENSINGTON PALACE ...	73	74	1.0	52	33	21	0.4	b	b	*						

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



st

19





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

Except for drizzle during the morning in the south-east precipitation was mainly in the form of showers with hail in some localities. At Jersey heavy rain and hail accompanied a thunderstorm during the night. Sunshine was very variable, the largest amounts being registered in the west (8.6 hours at Birr Castle). Air temperature continued low, falling below freezing point at most inland stations during the night.

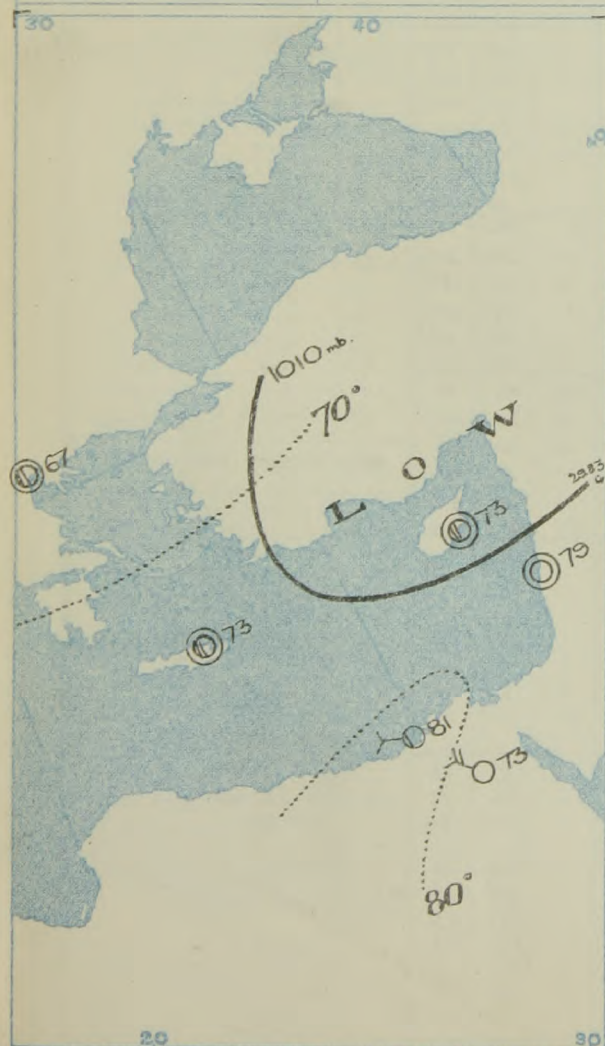
The Conditions at 7h. Today

The depression which was yesterday centred over Holland has moved north-eastward and now lies over the Baltic, having ceased to affect these Islands. The barometer has risen briskly in its rear and pressure now exceeds 1025 mb. in our south-western districts, forming part of a large anticyclone which covers the central Atlantic. North-Westerly winds are blowing with moderate force over the British Isles and weather is generally fair to cloudy with local showers in the north and south-west. Rain continues to fall locally on the Eastern side of the North Sea. Air temperature is low, being at or near the freezing point at inland stations in the South of England.

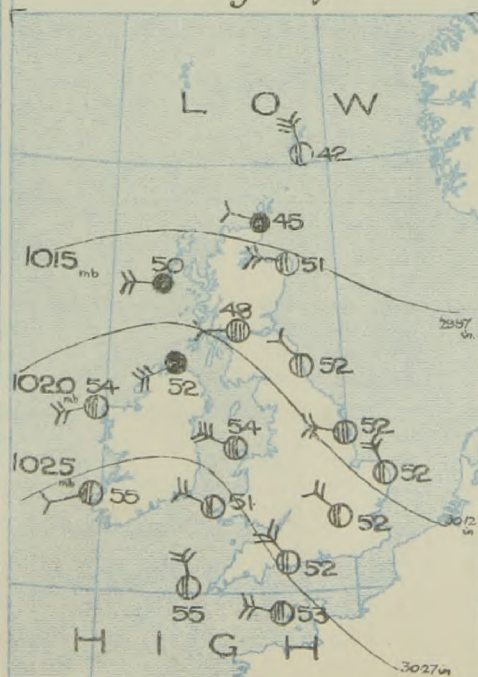
The Outlook

A fresh deep depression has appeared off the south-west coast of Iceland which will in all probability affect our Northern coasts by tomorrow, causing winds to freshen from the South with unsettled weather. In the south no material change is likely to occur at present.

E.L.B.

GALES.Tuesday, 1<sup>st</sup>

OCTOBER, 1918, at 12h. (1p.m.) G.M.T.



Wind has backed to WSW. and the barometer has begun to fall on the Western coasts. The effect of the fresh depression will probably extend eastward over the whole of these Islands causing winds to back and freshen generally, weather becoming showery or rainy.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 774.

TUESDAY  
1st OCTOBER

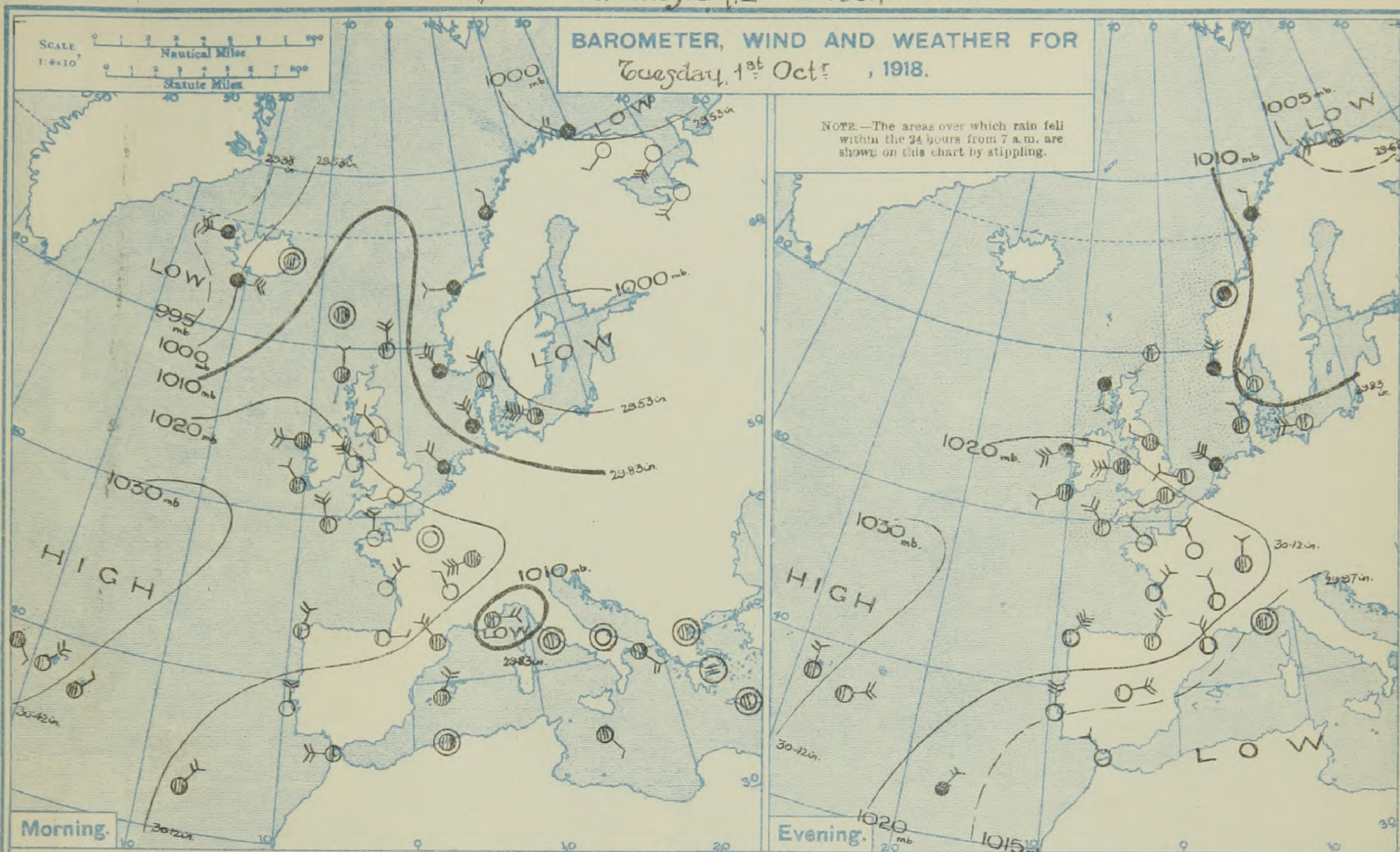
STATIONS.		EVENING OF 30th Sept.					MORNING OF 1st October.										24 HOURS ENDED 7th 1st October						Sun- shine for 30th Sept.
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	WIND.		Dir. of Upper Cloud.	Weather.	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	1012.0	38	N	4	bc	1013.7	+2	37	-4	N	4	-	bc	2	-	42	35	c	bc	bc	
		Deerness (Orkney)	1011.8	42	NW	5	op	1011.9	*	40	-2	WNW	4	NW	b	3	2	46	38	o, cp	cp, o	op, bc, b	3.0
		Stornoway	1016.7	46	NW	4	cp	1017.5	0	43	+3	W	2	-	o	1	5	48	39	c	cp	cp, o	2.6
		Castlebay (Barraisd.)	1019.8	47	NNW	4	cp	1019.4	0	49	+5	WNW	3	NW	c	3	1	49	43	c, op, bc	c, o, cp	cp, b, b	4.2
		Glasgow	1018.1	44	WNW	2	bc	1019.3	+1	38	-1	S	1	N	b, b	*	-	52	38	b, bc	bc, c	b, bc	7.2
		Eskdalemuir	1018.4	35	NW	2	b	1019.0	+2	41	+3	WNW	3	-	b	*	-	47	32	b, bc, c	cp, b, b	b	5.5
		Malin Head	1020.7	47	N	5	bc, b	1021.9	+1	47	+1	NW	4	NW	eqv	4	1	48	40	bc, b	bc, b	eqv	5.6
		Blacksod Point	1024.3	46	NW	4	bc, b	1024.3	0	49	+6	W	4	-	og	4	2	51	43	bc	bc	og, o	
		Valencia (Cahirciveen)	1026.7	48	NNW	3	bc	1027.7	+1	50	+3	WNW	2	N	c	3	1	50	46	cp, b	bc, b	bc, b	7.3
		Roche's Point	1024.1	46	NNW	2	b	1027.1	*	43	-1	W	1	-	o	1	0.1	52	41	b, bc	bc, b	b, o	
		Birr Castle	1023.5	46	NW	1	bc	1025.1	*	41	+3	SW	1	-	c	*	-	52	37	bc	bc	c	8.6
		Donaghadee	1020.2	47	NW	5	bc, b	1020.2	+2	42	-4	W	4	W	bc, m	3	0.4	51	39	bc, b	bc, b	bc, b	
		Liverpool (Bidston)	1018.0	47	NW	3	c	1020.6	+1	48	+4	WNW	4	NW	b	3	1	50	43	c, bc	bc, c	p, bc	4.0
		Holyhead	1019.8	49	N	5	bc	1021.9	+1	48	0	NW	6	NW	c	4	0.4	53	47	c, bc	bc, b	c, bc, c	6.8
		Pembroke (St. Ann's)	1021.3	48	NNW	4	bc, b	1024.7	+2	47	+4	NW	3	W	bc	2	10	51	43	bc, b, b	bc, b	bc, b	3.7
		Hartland Quay	1020.5	52	NNE	6	c	1024.5	+3	50	+2	NNW	4	-	c	4	Trace	53	47	bc, b, b	bc, b	bc, b	*
		Scilly (St. Mary's)	1022.5	50	N	5	bc	1026.7	+2	48	-1	NNW	4	N	c	4	1	54	46	cp, b	cp, bc	c	8.6
		Falmouth	1021.2	48	N	3	b	1026.1	+3	45	-2	NW	3	-	op	*	2	52	42	bc, b, c	c, bc, b	b, bc, o	7.8
		Jersey (St. Aubin)	1017.6	51	WNW	3	c	1023.7	*	46	-2	N	3	-	b	3	11	56	42	cp, b	cp, bc	c, b, b	7.0
		Portland Bill	1017.6	48	N	3	bc	1022.6	+1	48	+1	NNW	4	NW	bc	3	2	54	44	bc	bc, b	b, bc	*
		Dungeness	1014.2	46	WNW	4	bc, b	1021.2	+2	35	-9	NW	2	-	b	2	-	56	33	op, c, b	cp, c	eb, b, x	*
		Wick	1013.8	41	NW	3	emr	1015.7	+1	34	-5	WNW	2	-	emp	2	6	47	35	og	op, m, r	og, bc, cp	3.6
		Nairn	1015.2	45	NW	2	eg	1016.8	*	39	-3	W	1	-	eg	1	4	49	36	c, bc	bc, c, g	cp, b	
		Aberdeen	1015.2	42	W	3	bc	1016.5	+1	37	-5	-	0	-	b, b, b	2	0.3	48	37	cp, bc, g	bc, g	bc, b, b	5.9
		Leith	1016.6	45	W	1	c	1018.1	+1	39	-4	S	1	-	b	1	-	49	39	b, bc, b	c, bc, o, c	og, b, b	*
		Tynemouth	1015.2	46	NNW	2	em	1017.3	+1	40	-3	WNW?	2	-	bc, m	3	3	49	31	og, mp	og, mp	bc, m	
		Spurn Head	1013.4	48	NNW	6	cp, b	1017.4	0	44	-3	NW	5	-	cp	5	3	49	41	og, b, r	cp, b	bc, g	0.9
		Yarmouth (Gorleston)	1011.8	46	N	6	r	1017.9	+1	36	-10	NW	3	-	bc, m	3	5	51	35	om, b, r	og, b	bc, m	0.0
		Clacton-on-Sea	1014.0	46	NW	4	og	1019.7	+3	36	-8	WNW	3	-	bc, m	2	1	51	35	og, b, r	og, b, r	bc, m	1.5
		Nottingham	1017.0	47	N	2	og	1020.2	*	37	-6	W	2	W	bc, m	*	1	49	32	og, m	og, m	bc, m	0.0
		Benson (Oxon.)	1017.0	45	NW	2	bc	1021.7	+3	33	-8	-	0	-	b	*	1	50	28	o, c	o, bc	om, x	*
		Sth Farnborough	1017.3	44	NW	2	om	1022.3	+2	32	-9	WNW	3	N	bc, o	*	1	55	29	o, c	c, op, o	og, b, b	3.6
		Salisbury Plain	1018.3	43	NW	2	b	1023.5	+1	33	-5	W	1	NW	b	*	-	53	29	b, bc, b	bc, b	bc, b	7.3
		London (Kew Obsy.)	1016.9	45	WNW	1	om	1022.2	+3	35	-8	WSW	1	N	bc, m	*	2	51	34	o, o, o, c	o, o, o, c	o, o, o, c	1.1
		Spitsbergen																					
		Vardö																					
		Bodö																					
		Christiansund	1005.0	43	-	0	o	1007.1	+2	41	0	W	2	-	r	2	4	46	39				
		Skudesnaes	1003.8	45	N	4	b	1006.3	+5	41	-7	NW	5	-	r	2	3	50	39				
		Færder (Xania Fjord)	1001.3	46	ENE	4	o	1002.3	+3	45	-1	N	3	-	o	1	-	51	45				
		The Scaw (Slagen)	998.4	46	ENE	3	o	1000.7	+3	46	+1	NNW	4	N	c	4	3	50	45				
		Blaavands Huk	999.0	46	NNE	4	r	1006.3	+3	46	+1	NNW	5	-	o	*	12	50	43				
		Copenhagen	992.3	52	W	4	c	1002.3	+6	46	-2	WNW	3	-	c	*	7	52	43				
		Bornholm	993.4	50	W	5	r	1001.3	+1	46	0	WNW	10	-	o	2	8	55	45				
		The Helder	1006.9	52	NW	6	o	1015.3	+3	52	+4	NW	3	-	r	3	21	52	45				
		C. Gris Nez	1013.9	48	WNW	6	c	1020.4	+2	46	0	NW	3	*	b	3	3	52	45				
		La Hève	1017.0	55	N	4	o	1023.7	*	48	0	N	3	*	c	-	3	57	45				
		Brest (St. Mathieu)	1021.3	55	NW	5	c	1026.1	+2	50	-2	N	3	*	b	-	1	59	45				
		Rochefort (Ile d'Aix)	1019.1	57	NNW	4	o	1022.7	+3	45	-9	NE	3	*	b	-	-	57	43				
		Biarritz	1018.3	59	NNW	4	o	1021.0	+5	50	-14	E	1	*	b	-	11	62	48				
		Paris	1015.8	50	WNW	2	b	1022.3	+3	39	-9	-	0	-	b	*	Trace	55	26				
		Belfort	1017.2	48	NW	1	o	1022.6	*	55	0	WSW	6	*	o	*	2	61	55				
		Lyons	1017.7	48	E	1	bc	1020.4	*	45	-16	N	1	*	b	*	2	61	39				
		Nice	1010.6	64	SW	5	f	1008.2	0	64	0	E	3	*	c	-	-	?	?				
		Perpignan	1015.1	59	NW	2	o	1017.5	+2	54	-5	WNW	2	-	o	*	-	72	52				
		Sanguinaire	1000.7	72	SW	2	c	1011.7	*	70	+2	W	2	*	bc	-	-	81	64				
		Corunna	1021.5	61	N	4	bc	1026.7	+3	55	-2	NNE	3	N	bc	4	1	63	52				
		Madrid																					
		Lisbon																					
		Azores (Horta)	1030.0	*	NNE	5	b	1031.0	0	63	0	NE	4	*	bc	2	-	70	63				
		(P. Delgada)	1027.9	*	NE	5	bc	1024.1	-2	61	0	NE	1	*	c	2	-	70	61				
</																							



# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 768. Wednesday, 2<sup>nd</sup> October, 1918.

## BAROMETER, WIND AND WEATHER FOR Tuesday, 1<sup>st</sup> Oct<sup>r</sup>, 1918.



### WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 1<sup>st</sup> October

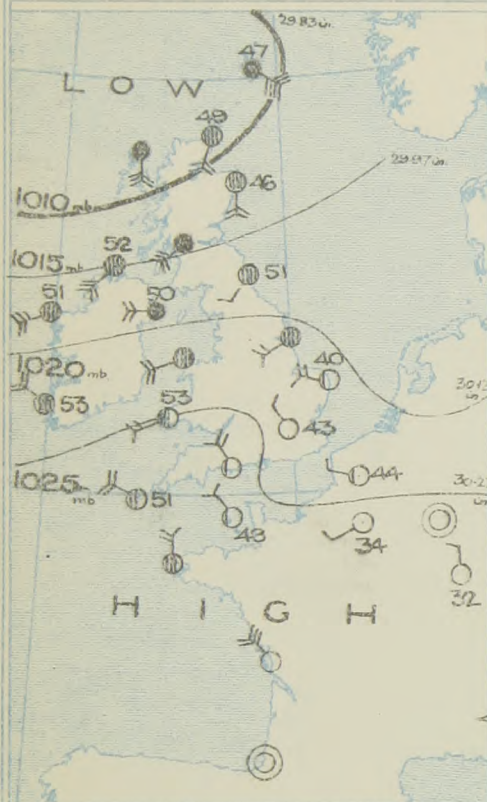
STATIONS.		EVENING OF 30 <sup>TH</sup>					MORNING OF 1 <sup>ST</sup>										MORNING OF 1 <sup>ST</sup>						
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND		Weather.	BAROMETER.		TEMP.		WIND.		Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.		Weather.	
				Dirac.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours. ° F.	Dirac.	Force 0-12.		Weather.	Max.			Min.	Dirac.	Change in 24 hours. ° F.	Dirac.		Force 0-12.
		° F.												° F.	° F.			° F.	° F.				
RUSSIA.	Archangel ...													*	*		Isafjord ...	995.7	50	+ 9	W	5	r
	Petrograd ...													*	*		Reykjavik	997.6	46	+ 7	E	6	r
	Moscow ...													*	*		Vestmanna	1000.8	45	+ 9	E	5	r
SWEDEN.	Hernösand ...						*						*	*	*	Seydisfjord	1005.9	32	- 4	-	0	c	
	Stockholm ...						*						*	*	*	Thorshavn	1013.1	38	- 1	-	0	o	
	Wisby ...						*						*	*	*	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM							
ITALY.	Venice ...	-	-	-	-	1008.7	*	64	0	NW	1	c	Trace	72	61	2 <sup>nd</sup> and 3 <sup>rd</sup> October 1918.		Sunrise.		Noon.		Sunset.	
	Turin ...	1007.9	63	-	0	b	1009.5	*	55	- 6	-	0	o	-	68	54							
	Pesaro ...	1010.6	72	-	0	c	1010.2	*	70	?	-	0	c	-	81	55							
	Leghorn ...	-	-	-	-	1009.9	*	?	?	-	0	o	-	75	68								
	Rome ...	1013.3	70	-	0	-	1011.7	*	?	?	-	0	bc	Trace	79	64							
	Viesti ...	1012.2	73	SE	1	b	1011.3	*	70	?	-	0	b	-	79	66							
	Brindisi ...	1014.1	68	SW	2	b	1012.9	*	68	+ 2	SE	3	o	-	77	66							
	Cagliari ...	-	-	-	-	-	*	*	*	*	*	*	*	*	*	*							
	Palermo ...	-	-	-	-	-	1012.3	*	63	- 1	-	0	o	-	79	59							
	Tripoli ...	-	-	-	-	-	1017.3	*	75	+ 3	WSW	1	b	-	99	66							
																Yarmouth ...		{		G.M.T.		G.M.T.	
																		{		5.57		11.42	
																		{		5.58		11.42	
																		{		6.3		11.49	
																		{		6.4		11.49	
																		{		6.21		12.1	
																		{		6.23		12.1	
																		{		6.44		12.30	
																		{		6.45		12.30	

LONDON				24 HOURS ENDED 9 h. 2 <sup>nd</sup> October								SOUTH KENSINGTON (M.O.)		
2 <sup>nd</sup> October ... 9h. G.M.T.				HUMIDITY.			TEMPERATURE.			RAIN-fall.		WEATHER.		
				15 h.	9 h.	Sun-shine for	Max.	Min.	Min. on Grass.	mm.		Morning.	Afternoon.	Night.
				%	%	Hours.	°F.	°F.	°F.					
GREENWICH (Royal Observatory) ..				57	79	8.9	56	40	30	-	b bcz	bcz	o	
CITY (Bunhill Row) ..				*	*	8.5	*	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park) ..				69	86	9.0	57	40	34	-	*	*	*	*
" (Roof near Charing X) ..				62	84	8.3	56	43	-	-	bm	bc	bc.c	
CAMDEN SQ. (British Rainfall) ..				58	85	6.2	58	40	35	-	b	b. bc.	*	
KENSINGTON PALACE ..				58	66	8.0	55	40	29	-	bc	bc.c.	*	
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.														
Vertical Component of Solar Radiation per square Centimetre during 1.5 <sup>th</sup> .....														
Total.			Average Rate.			Max. Rate.								
Joules.			Milliwatts.			Milliwatts.								
960			22.9			56.5								



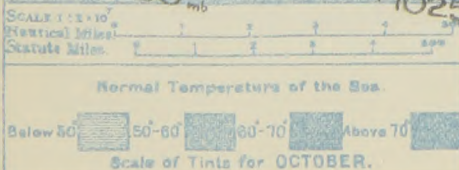
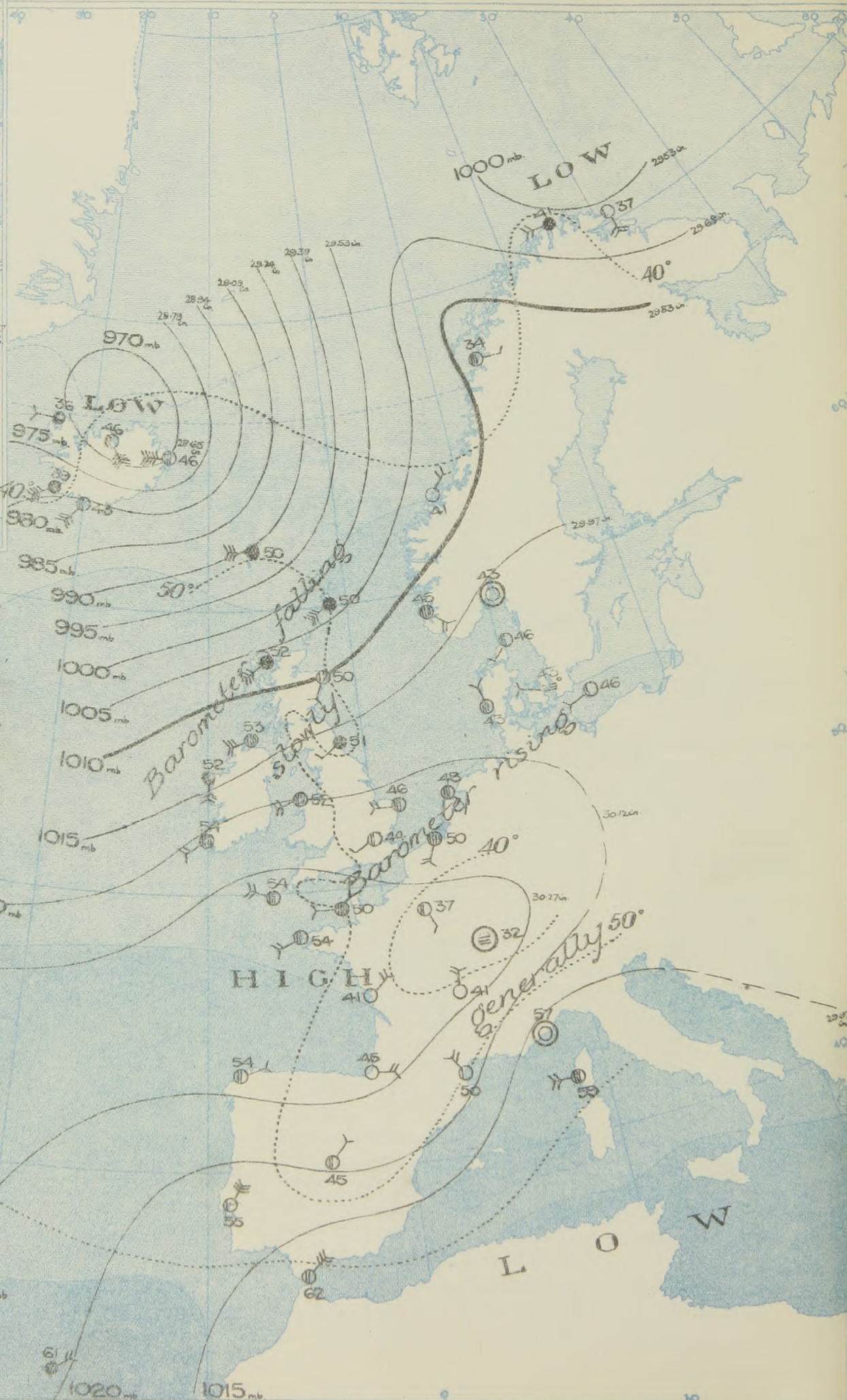
2<sup>ND</sup>, OCT, at 1h. G.M.T.

THE MORNING OF WEDNESDAY, 2<sup>ND</sup> OCTOBER 1918, 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 & cloudy. sky & cloudy.  
 rain falling.  
 snow. hail. mist. thunder.  
**SEA DISTURBANCE**—Rough High





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

In the northern districts there was little sunshine and some rain fell, mainly in the afternoon and evening. Except for passing showers in the English Channel the day was fair or fine in the south and from 8 to 9 hours of bright sunshine were recorded. Air temperature was rather higher than of late the maxima lying for the most part between 50° and 55°F., but at night the temperature again touched freezing point at some inland stations in the south.

## The Conditions at 7h. Today

The depression which appeared yesterday to the south-west of Iceland has moved north-eastward and is now centred near Akureyri, having caused winds to freshen from between S. and WSW. over all but our southern and south-eastern areas. A fresh fall of the barometer has set in on the west coast of Ireland, owing, apparently to the development of a secondary. Rain or drizzle is falling locally in nearly all parts of these Islands.

Another centre of low pressure is found near the North Cape. An anticyclone ridge in which pressure is above 1025 millibars extends eastward from the Azores over France.

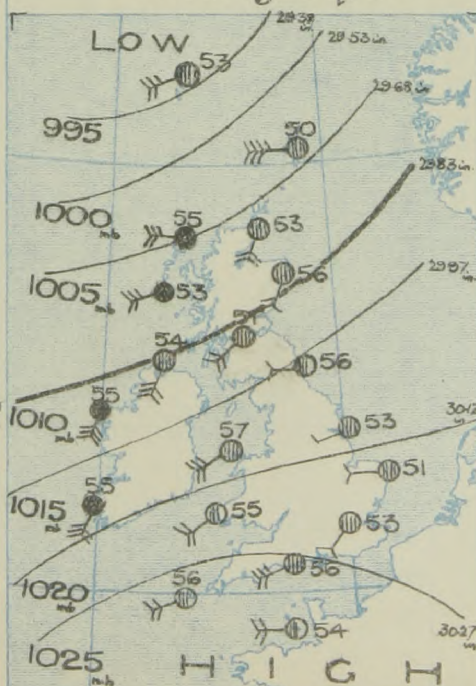
## The Outlook

The low pressure system lying to the north and west of these Islands will probably travel eastward slowly, causing winds to become strong from the South-West quadrant in all districts except the south-east where a fresh breeze is not likely to be exceeded. Generally unsettled, rainy weather is indicated.

C. S. B.

Wednesday, 2<sup>nd</sup>

OCTOBER, 1918, at 12h. (1p.m.) G.M.T.



The depression in the north is moving slowly eastward and the fall of pressure over Ireland continues. On the whole the situation shows little change since this morning.



WEDNESDAY  
2<sup>nd</sup> October.

Printed  
By W

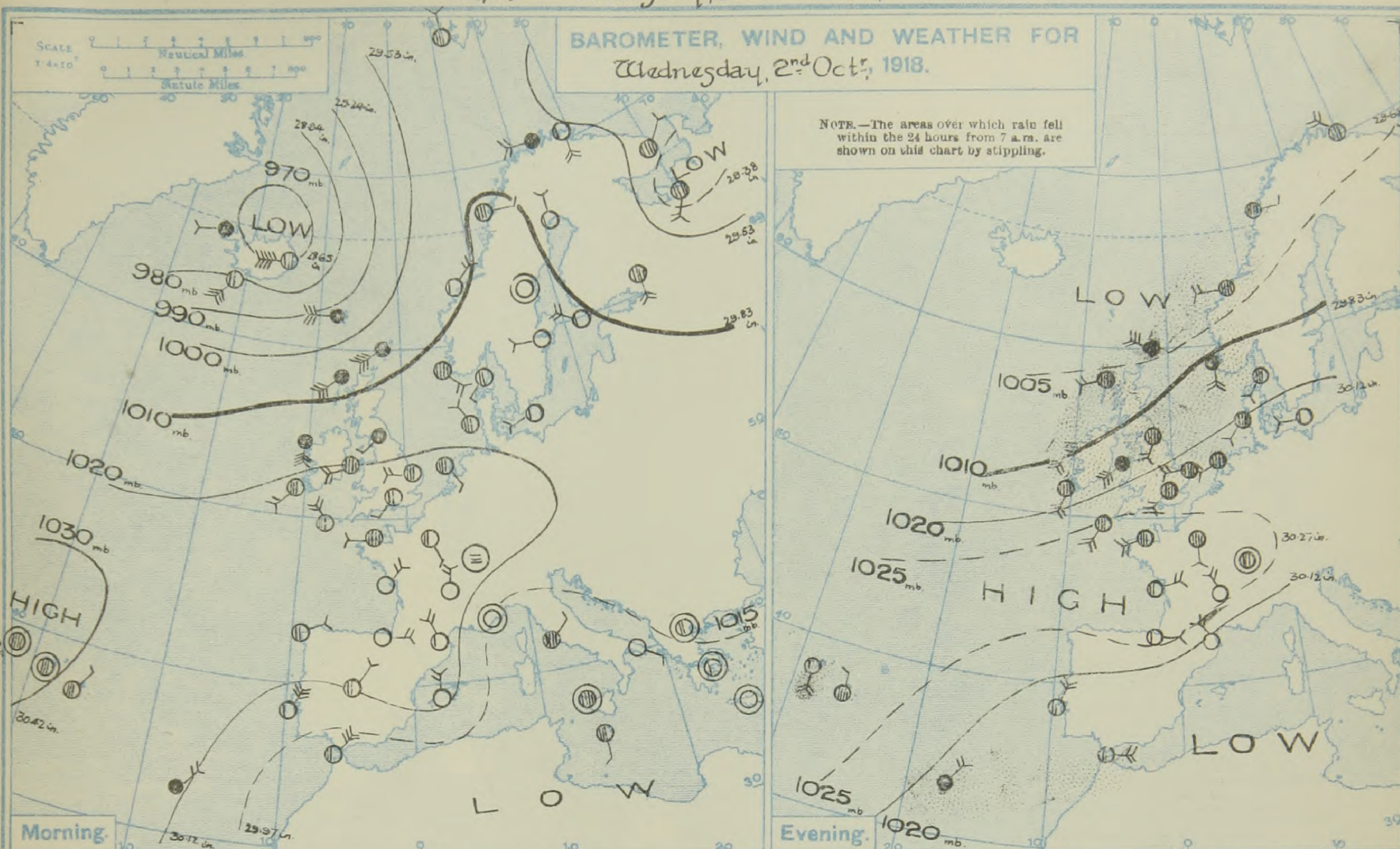


# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,769. Thursday, 3<sup>rd</sup> October, 1918.

## BAROMETER, WIND AND WEATHER FOR Wednesday, 2<sup>nd</sup> Oct<sup>r</sup>, 1918.

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 2<sup>nd</sup> October.

STATIONS.		EVENING OF... 1 <sup>st</sup> ...					MORNING OF... 2 <sup>nd</sup> ...										MORNING OF... 2 <sup>nd</sup> ...							
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND.			BAROMETER.		TEMP.		WIND.		Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.				
				Direc.	Force 0-12.	Weather.	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.					Milli- bars at M.S.L.	Change in 3 hours.	F.	° F.				° F.	° F.			° F.	° F.					
RUSSIA.	Archangel ...						993.9	+3	46	-	SSW	3	0	6	*	-								
	Petrograd ...																							
	Moscow ...														*									
SWEDEN.	Hernösand ...	1004.4	41	-	0	b	1013.5	*	34		-	0	b	*	*	*		Isafjord ...	972.2	36	-14	W	2	r
	Stockholm ...	1002.3	43	WNW	4	r	1016.2	*	39		W	2	b	*	*	*		Reykjavik ...	978.7	39	-7	WSW	7	r
														*	*	*		Vestmanna ...	980.7	43	-2	SW	6	bc
	Seydisfjord ...	970.0	46	+14	W	9	C							*	*	*								
	Wisby ...	1005.6	45	WNW	8	0	1016.0	*	45		WNW	2	b	*	*	*		Thorshavn ...	990.4	50	+12	W	6	r
ITALY.	Venice ...							*										TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM						
	Turin ...	?	61	-	0	tlr	1016.6	*	50	-5	S	4	b	6	66	49		3 <sup>rd</sup> and 4 <sup>th</sup> Oct. 1918.						
	Pesaro ...	1011.5	64	-	0	0	1012.5	*	57	-13	W	1	0	16	81	55		Sunrise.		Noon.		Sunset.		
	Leghorn ...	1010.6	70	-	0	b	1011.3	*	64	-6	-	0	C	8	75	51								
	Rome ...	1012.5	68	-	0	bc.	1012.1	*	66	?	ENE	1	0	7	79	66								
	Viesti ...	1011.4	77	SE	1	b	1012.1	*	72	?	SE	7	0	-	77	64								
	Brindisi ...						1013.1	*	72	-2	SE	1	b	-	81	70								
	Cagliari ...							*																
	Palermo ...						1012.6	*	68	-5	-	0	0	-	82	59								
	Tripoli ...							*																

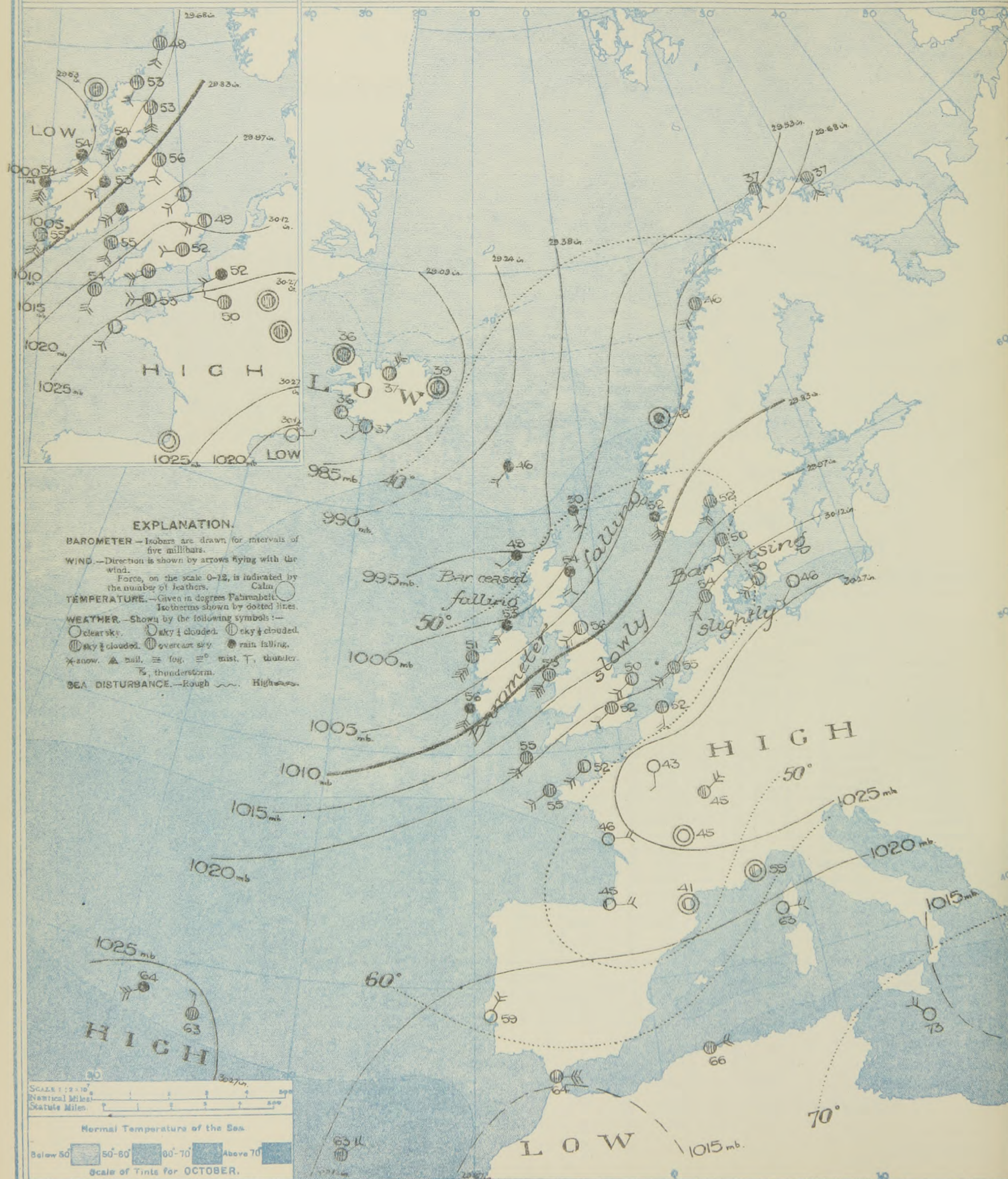
LONDON				24 HOURS ENDED 9 h... 2 <sup>nd</sup> October.										SOUTH KENSINGTON (M.O.)		
3 <sup>rd</sup> October, 9h. G.M.T.				HUMIDITY.		Sun- shine for 2 <sup>nd</sup>	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during .. 2 <sup>nd</sup> ...		
				15 h.	9 h.		Max.	Min.	Min. on Grass.		Morning.	Afternoon.	Night.	Total.	Average Rate.	Max. Rate.
				%	%	Hours.	°F.	°F.	°F.	mm.				Joules.	Milliwatts.	Milliwatts.
GREENWICH (Royal Observatory) .. ..				81	77	0.1	56	51	46	—	o	od.	o			
CITY (Bunhill Row) .. .. .				*	*	0.0	*	*	*	*	*	*	*			
WESTMINSTER (St. James's Park) ..				82	79	0.0	56	50	47	0.2	oe	oe	*			
" (Roof near Charing x)				85	79	0.0	56	50	—	trace	odo	oc				
CAMDEN SQ. (British Rainfall) .. ..				80	72	0.0	56	49	44	0.1	o	o	*			
KENSINGTON PALACE: .. .. .				77	72	0.0	55	49	46	0.7	c	c	*			
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.																

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



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

THE MORNING OF THURSDAY, 3<sup>RD</sup> OCTOBER 1918, at 7h. G.M.T.





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

Rainfall was mainly confined to the Northern districts, 24 mm, falling at Eskdalemuir. Showers or slight drizzle, however, occurred in nearly all districts. The sky was overcast all day at most stations. An hour or more of sunshine was recorded at Holyhead and Scilly, but elsewhere there was almost complete absence of sunshine. Air temperature was rather higher than of late, the minimum nowhere falling below 40°. Southerly to South-Westerly gales were experienced on the Irish coasts.

## GALES.

## BLACKSOD PT.

Extreme SSW 9 late evening (2nd)  
S.E. 8-10 h. (2nd)  
-- 21-04 (3rd)

## LOUGH FOYLE.

Extreme SSW 9 at 1h (3rd)  
SSW 8, 10-12 h. (2nd)  
-- 1-7 h (3rd)

## The Conditions at 7h, Today

A deep secondary depression which appeared last evening off north-west Ireland has moved north-eastward and now lies to the north of Scotland. Except in North Scotland winds are generally South-Westerly, moderate in the eastern districts but reaching gale force on the Western coasts. Rain is falling generally over Ireland and South Scotland.

The main depression over Iceland maintains its position. Snow is falling at Grimstadir. Pressure has fallen somewhat at the Azores and a separate anticyclone has formed over France.

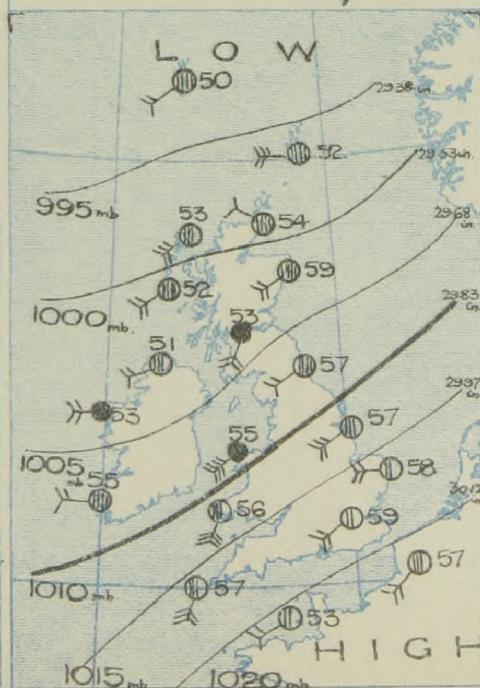
## The Outlook

Wind will probably remain in the South-West quadrant, blowing strongly in the western districts. The present distribution favours the continuance of unsettled rainy weather caused by depressions or secondaries developing in the west.

69.B.

Thursday, 3<sup>rd</sup>

OCTOBER, 1918, at 13h. (1p.m.) G.M.T.



The shallow secondary depression in the south-west has made some progress eastward, and the wind has veered to West at Valencia. The barometer continues to fall over Southern England.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 276.

THURSDAY.  
3rd October.

STATIONS.	EVENING OF 2nd					MORNING OF 3rd										24 HOURS ENDED 7 h 3rd					Sun- shine for 2nd Hours.	
	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.						Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick ...	1004.0	50	WNW	5	omd	997.8	-6	50	0	SSE	4	-	fd	3	5	50	46	omg	omr	omfd	0.0
	Deerness (Orkney) ...	1005.4	50	W	3	0	995.9	*	52	+1	S	4	-	ov	4	2	53	49	od	do	obo	0.0
	Stornoway ...	1005.1	51	WSW	3	0	995.9	-3	48	-4	SW	1	-	ob	0	3	55	46	org	oro	ob	0.0
	Castlebay (Barra Isd.) ...	1006.5	51	W	3	0	998.2	+1	49	-4	NW	4	-	0	4	5	54	49	or	ro	od, o	0.0
	Glasgow ...	1010.6	52	SW	4	omg	1003.5	-1	54	+5	SW	5	-	omd	*	11	54	49	omdp	omg	od, omg	0.0
	Eskdalemuir ...	1012.8	50	SW	5	orm	1006.0	-2	52	+4	SSW	6	-	orm	*	24	52	47	odmo	orm	od, orm	0.0
	Malin Head ...	1008.0	54	SW	5	omd	1000.2	+1	53	0	SW	5	-	omgd	5	5	55	50	omg	omd	om, gd	0.0
	Blackod Point ...	1009.5	53	SSW	5	ome	1002.6	+1	51	-1	SW	2	-	omg	6	15	55	50	ofd	ofd	or, omg	0.0
	Valencia (Cahirciveen) ...	1015.5	55	SSW	5	0	1009.2	-4	56	+2	SSW	6	-	or	5	19	56	53	od	ofd	od, or	0.0
	Roche's Point ...	1019.2	53	SW	3	0	1011.3	*	52	0	SSW	5	-	r	5	6	55	52	or	rom	or	0.0
NORTHERN EUROPE.	Birr Castle ...	1014.7	55	S	1	r	1006.7	*	54	+2	SSW	2	-	r	*	6	56	51	0	om	or	0.0
	Donaghadee ...	1012.6	54	SW	3	ogmd	1004.7	-1	54	+4	SW	5	-	omrg	4	4	54	49	ogm	ogmd	ogm, rg	0.3
	Liverpool (Bidston) ...	1017.1	55	WSW	4	0	1012.5	0	54	+4	SSW	3	-	0	1	-	57	50	0	co	0	0.0
	Holyhead ...	1016.5	54	SW	6	ogdm	1010.9	-1	55	+3	SW	8	-	ogm	6	2	59	52	af, bc	o, o, opd	op, rag	1.0
	Pembroke (St. Ann's) ...	1021.9	55	SSW	5	0	1015.3	-3	55	+1	SSW	6	-	pd	6	trace	55	53	c	co	bc, opd	0.0
	Hartland Quay ...	1023.3	56	SW	6	0	1018.1	-1	55	0	SSW	7	-	odp	4	trace	56	54	od, opd	0	0	0.0
	Scilly (St. Mary's) ...	1025.1	55	SW	4	c	1019.2	-1	55	+1	SW	4	SW	0	5	-	58	53	c	c	0	1.6
	Falmouth ...	1024.8	53	SW	3	cv	1019.5	-5	53	+3	SSW	4	-	c	trace	57	50	odov	cv, bc, c	b, bc, oc	0.7	
	Jersey (St. Aubin) ...	1026.6	55	WSW	4	c	1023.2	*	52	+2	SW	4	SW	bc	3	-	58	49	og	og, c, oc	c, bc	0.6
	Portland Bill ...	1024.4	56	W	5	bc	1020.6	-1	55	+1	WSW	6	-	0	5	-	57	53	co	oc	0	0.0
FRANCE, &c.	Dungeness ...	1023.0	55	WSW	4	c	1020.5	-2	?	?	WSW	4	SW	c	4	-	58	41	c	c	c, bc	0.0
	Wick ...	1005.3	54	SSW	2	0	996.2	-8	54	+3	S	3	-	0	3	2	55	49	og	og	omd, pg	0.0
	Nairn ...	1005.9	54	W	2	cg	1000.2	*	54	+2	-	0	-	cg	1	1	57	51	cg	cg	c, g	0.0
	Aberdeen ...	1008.9	53	S	2	om	1000.4	-3	54	+4	S	3	-	orm	2	3	57	50	om	omp, t	op, orm	0.6
	Leith ...	1009.6	55	SW	3	0	1002.0	-2	55	+3	SW	4	-	r	3	3	59	51	og, bc	bc, co	og, r	0.0
	Tynemouth ...	1013.7	54	SW	3	om	1007.4	-1	56	+5	SW	4	-	cm	3	-	58	51	om	om	om	0.0
	Spurn Head ...	1017.9	54	SW	3	cm	1014.4	-1	53	+5	SSW	4	-	c	3	0.3	55	47	om	o, cm	c	0.0
	Yarmouth (Gorleston) ...	1020.9	52	WSW	3	omp	1018.5	-1	50	+4	SW	4	-	bc	3	1	54	46	cm, op	omp	c, bc, cm	0.0
	Clacton-on-Sea ...	1022.2	53	W	2	ogm	1020.1	-1	53	+7	SW	3	W	c	2	0.1	54	45	og, md	og, md	og, bc, c	0.0
	Nottingham ...	1019.2	55	W	2	0	1015.7	*	53	+6	SW	3	SW	0	*	1	56	47	d, ro	oc	0	0.0
IBERIA, &c.	Benson (Oxon.) ...	1022.6	51	SSW	2	b	1018.8	-2	51	+6	SW	4	-	0	*	0.3	54	45	c, do, bc	bc	dco	0.0
	Sth Farnborough ...	1023.5	52	W	2	0	1020.6	-1	52	+9	SW	4	-	0	*	0.3	56	42	oro	oro	a, co	0.1
	Salisbury Plain ...	1023.7	52	SW	3	0	1020.2	-1	52	+6	SW	3	SW	0	*	0.3	54	46	oro	od, o, po	co, pdo	0.1
	London (Kew Obs.) ...	1023.1	53	SW	3	0	1020.3	0	52	+8	SW	2	-	0	*	0.4	55	44	cm, oro	omdo	a, co	0.0
	Spitsbergen ...	1003.8	44	NW	4	c	1005.3	0	37	0	S	4	-	0	4	*	41	34	?	?	?	0.0
	Vardö ...	1003.3	43	E	2	0	1006.3	+1	46	+12	SW	4	-	0	3	?	46	32	?	?	?	0.0
	Bodö ...	1003.3	43	E	2	0	1006.3	+1	46	+12	SW	4	-	0	3	?	46	32	?	?	?	0.0
	Christiansund ...	1003.1	52	W	3	0	1004.7	0	48	+7	-	0	-	r	3	4	52	41	?	?	?	0.0
	Skudesnaes ...	1011.0	52	S	4	r	1008.3	-1	52	+7	S	6	-	r	6	13	52	45	?	?	?	0.0
	Færder (Xtania Fjord) ...	1015.9	50	SW	6	0	1013.5	+1	52	+9	SSW	6	-	0	3	2	52	43	?	?	?	0.0
MEDITERRANEAN.	The Scaw (Skagen) ...	1017.6	50	SW	2	c	1016.4	+1	50	+4	SSW	4	-	0	4	-	54	45	?	?	?	0.0
	Blaavands Huk ...	1020.0	50	SW	2	0	1020.6	+1	54	+11	SW	3	-	0	*	Trace	55	43	?	?	?	0.0
	Copenhagen ...	1021.7	45	-	0	b	1023.4	+1	50	+9	WSW	4	-	bc	*	-	50	41	?	?	?	0.0
	Bornholm ...	1022.0	45	W	2	b	1024.7	+1	46	0	SW	2	-	b	0	-	48	43	?	?	?	0.0
	The Helder ...	1021.2	54	WSW	3	0	1019.7	+0	55	+7	SW	4	-	0	2	1	55	46	?	?	?	0.0
	C. Gris Nez ...	1024.4	56	W	5	0	1020.0	-3	56	+6	SW	5	*	0	4	-	57	50	?	?	?	0.0
	La Heve ...	1026.1	55	W	4	0	1025.5	+1	48	-2	SW	4	*	bc	4	-	55	48	?	?	?	0.0
	Brest (St. Mathieu) ...	1024.1	55	SW	3	bc	1023.0	-1	55	+1	SSW	4	*	c	-	-	57	46	?	?	?	0.0
	Rochefort (Ile d'Aix) ...	1028.4	54	ENE	3	bc	1024.4	-1	46	+5	E	3	*	b	*	-	64	41	?	?	?	0.0
	Biarritz ...	1026.0	55	E	2	b	1022.3	-1	45	0	E	3	*	b	-	-	63	41	?	?	?	0.0
MEDITERRANEAN.	Paris ...	1027.4	50	S	2	0	1026.3	43	+6	S	1	-	b	*	-	59	37	?	?	?	0.0	
	Belfort ...	1028.3	45	-	0	c	1027.8	*	45	+13	ENE	4	*	c	*	-	56	32	?	?	?	0.0
	Lyons ...	1026.7	48	NNW	3	b	1025.7	*	45	+4	-	0	*	b	*	-	55	41	?	?	?	0.0
	Nice ...	1021.3	59	+2	-	0	1021.3	59	+2	-	0	*	bc	-	-	68	57	?	?	?	0.0	
	Perpignan ...	1018.1	55	NW	3	b	1023.0	4	-9	-	0	-	b	*	-	63	39	?	?	?	0.0	
	Sanguinaire ...	1016.0	64	SE	1	m	1018.1	*	63	+4	E	3	*	b	-	-	79	57	?	?	?	0.0
	Corunna ...	1015.9	68	NNE	5	bc	1018.0	+1	59	+4	NNE	4	-	b	2	-	70	55	?	?	?	0.0
	Lisbon ...	1015.9	68	NNE	5	bc	1018.0	+1	59	+4	NNE	4	-	b	2	-	70	55	?	?	?	0.0
	Azores (Horta) ...	1028.8	*	S	4	b	1025.7	0	64	+2	WSW	5	*	r	3	1	73	62	?	?	?	0.0
	„ (P. Delgada) ...	1027.9	*	N	1	0	1025.9	0	64	+3	N	1	*	0	2	-	70	54	?	?	?	0.0
MEDITERRANEAN.	Madeira ...	1018.7	64	NE	3	r	1019.7	0	63	+2	NE	3										

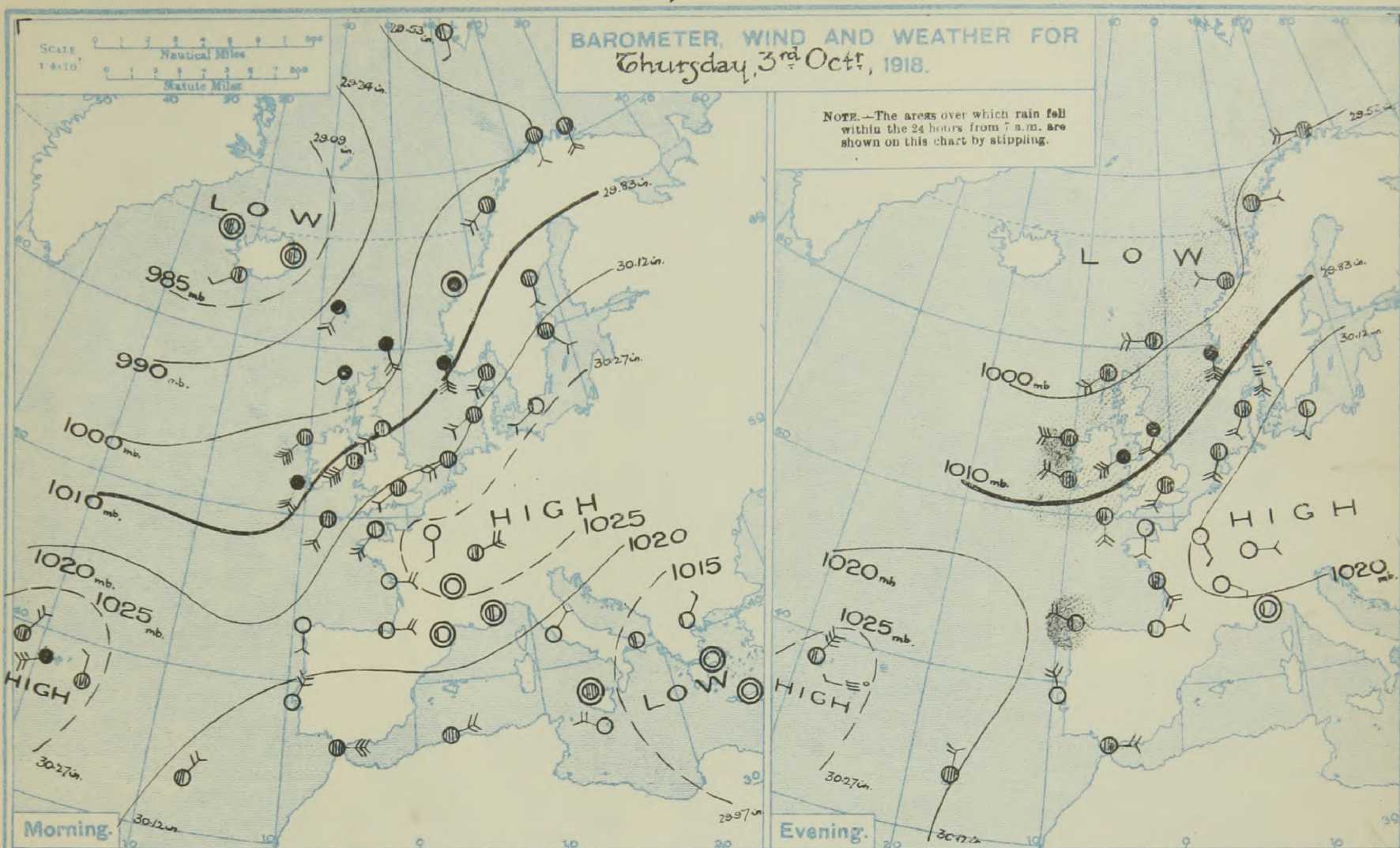


# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20770. Friday, 4<sup>th</sup> October, 1918.

## BAROMETER, WIND AND WEATHER FOR Thursday, 3<sup>rd</sup> Oct., 1918.

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 3<sup>rd</sup> October.

STATIONS.		EVENING OF 2 <sup>nd</sup> .					MORNING OF 3 <sup>rd</sup> .										MORNING 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.	
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours.	Direc.	Force 0-12.		Weather.	Max.			Min.	Dry Bulb. ° F.	Change in 24 hours.	Direc.		Force 0-12.
RUSSIA.	Archangel ...		° F.																				
	Petrograd ...																						
	Moscow ...																						
SWEDEN.	Hernösand ...																						
	Stockholm ...																						
	Wisby ...																						
ITALY.	Venice ...																						
	Turin ...	1020.5	57	-	0	b	1023.7	*	52	+2	-	0	bc	-	64	50	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM						
	Pesaro ...																4 <sup>th</sup> and 5 <sup>th</sup> Oct. 1918.		Sunrise.	Noon.	Sunset.		
	Leghorn ...	1018.1	59	E	2	b	1020.5	*	55	-9	NE	1	b	-	70	52		G.M.T.	G.M.T.	G.M.T.			
	Rome ...	1016.1	64	SE	1	o	1037.1	*	59	-7	NE	2	b	-	73	55		6.0	11.42	5.23			
	Viesti ...																	6.2	11.42	5.21			
	Brindisi ...	1013.0	73	S	2	c	1013.3	*	68	-4	?	?	bc	-	81	70		6.7	11.49	5.31			
	Cagliari ...																	6.9	11.49	5.26			
	Palermo ...	1014.5	70	SSW	2	bc	1016.6	*	64	-4	-	0	o	-	87	?		6.26	12.1	5.36			
	Tripoli ...																	6.28	12.1	5.34			
																		6.47	12.30	6.12			
																		6.49	12.30	6.10			

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM			
4 <sup>th</sup> and 5 <sup>th</sup> Oct. 1918.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	6.0	11.42	5.23
	6.2	11.42	5.21
Greenwich ...	6.7	11.49	5.31
	6.9	11.49	5.29
Wick ...	6.26	12.1	5.36
	6.28	12.1	5.34
Valencia ...	6.47	12.30	6.12
	6.49	12.30	6.10

LONDON		Humidity.		Sun-shine for 3 <sup>rd</sup>	24 HOURS ENDED 9 h. 4 <sup>th</sup> October			WEATHER.		
4 <sup>th</sup> October	5 <sup>th</sup> October	15 h.	9 h.		Max.	Min.	Min. on Grass.	Morning.	Afternoon.	Night.
GREENWICH (Royal Observatory) ...	62	69	4.7		61	48	38	-	O	O, b, a, p
CITY (Bunhill Row) ...	*	*	5.1		*	*	*	*	*	*
WESTMINSTER (St. James's Park) ...	66	74	4.6		62	50	42	-	bc	oe, bc
" (Roof near Charing X) ...	68	74	4.5		61	50	-	-	om	bc, c
CAMDEN SQ. (British Rainfall) ...	63	71	5.1		63	49	42	0.01	bc, b	bc, c
KENSINGTON PALACE ...	62	65	5.0		60	49	41	-	bc, bc	o, bc

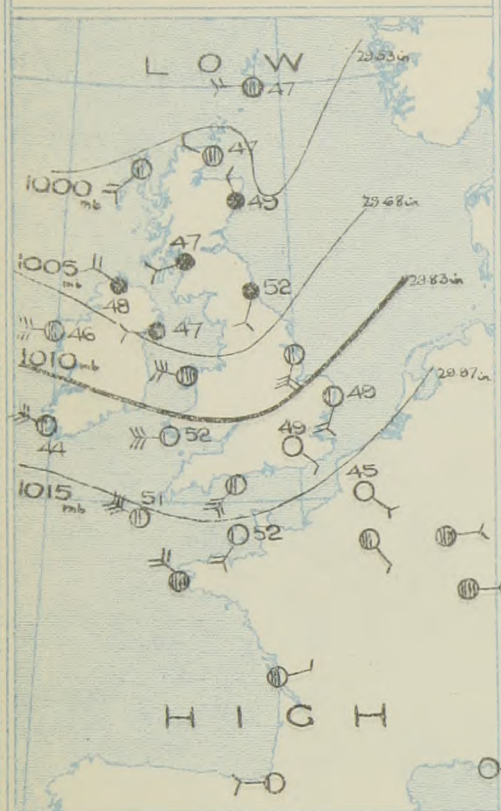
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

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



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

THE MORNING OF FRIDAY, 4<sup>th</sup> OCTOBER 1918, at 7h. G.M.T.



EXPLANATION.

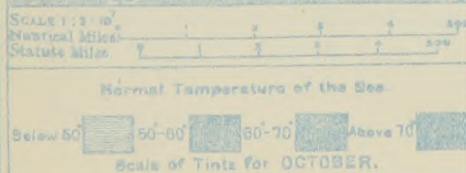
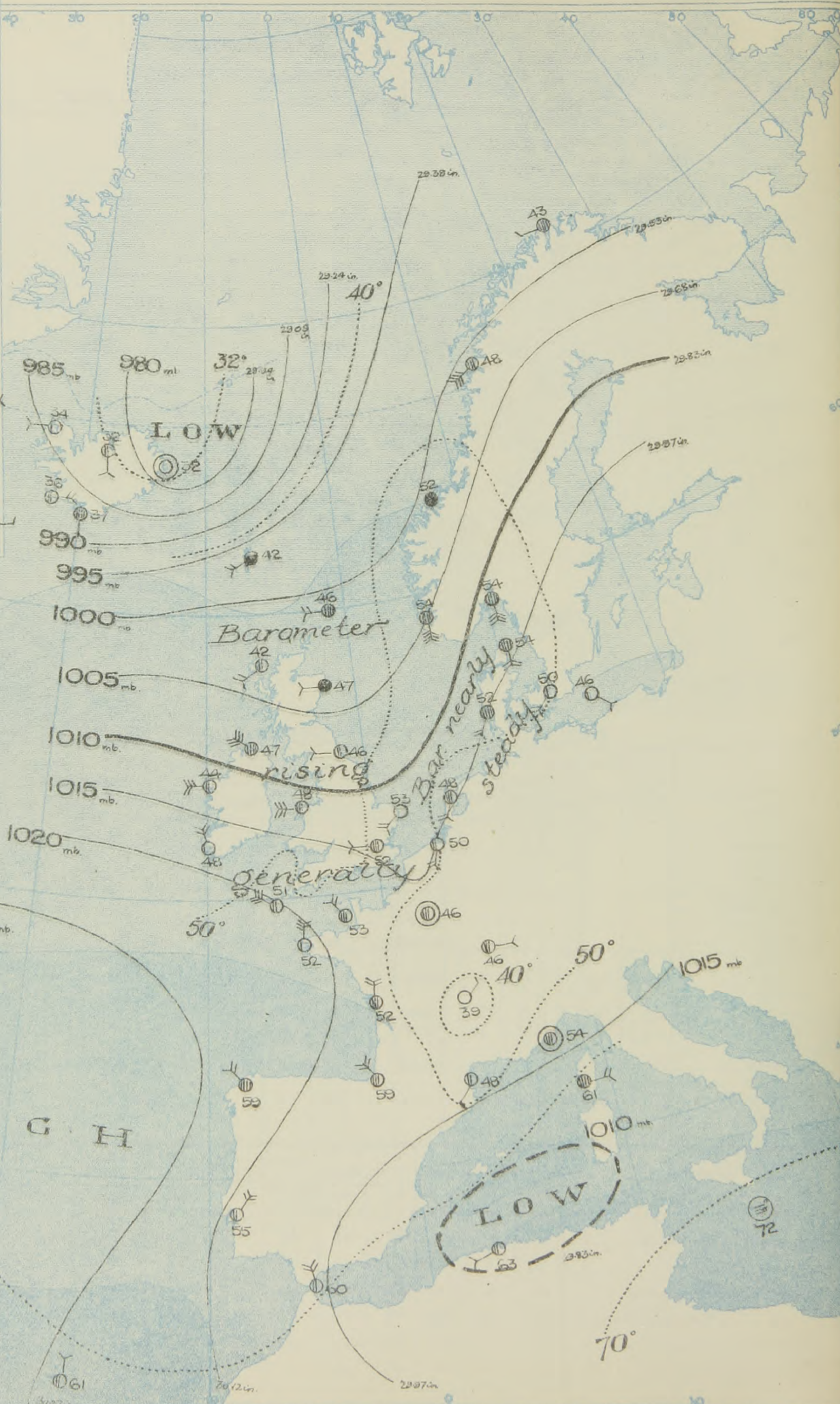
**BAROMETER**—Isobars are drawn for intervals of five millibars.

**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.  
 T, thunderstorm.

**SEA DISTURBANCE**—Rough. High.





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

Dull, rainy weather prevailed in the north, the precipitation at Eskdalemuir being as much as 41 mm. Very little sunshine occurred except in the south and South-east 10 hours being registered at Jersey, and from 4 to 6 hours on the south-east coast. The prevailing South-Westerly winds maintained air temperatures fairly high at night, minima lying between 45° and 50° at most stations.

The Conditions at 7h. Today

A large area of low pressure lies north of Latitude 60°, the lowest pressures being found off the east coast of Iceland. A secondary depression which appeared to the west of Ireland yesterday has travelled eastward and now lies over the south-east coast of England, having assumed a well marked "V" form. The Azores anticyclone has expanded eastward again over the Bay of Biscay while the high which was over France yesterday has moved towards central Europe.

Over the British Isles winds are mainly from W. or WNW., moderate to fresh in strength. Weather shows some improvement generally but rain is still falling in parts of Scotland.

The Outlook

With pressure continuing low over Iceland and high at the Azores winds will remain in the Westerly quadrant. The present general rise of pressure and improving weather is likely to prove transitory, the arrival of fresh disturbances off our western coasts being probable within the next day or two.

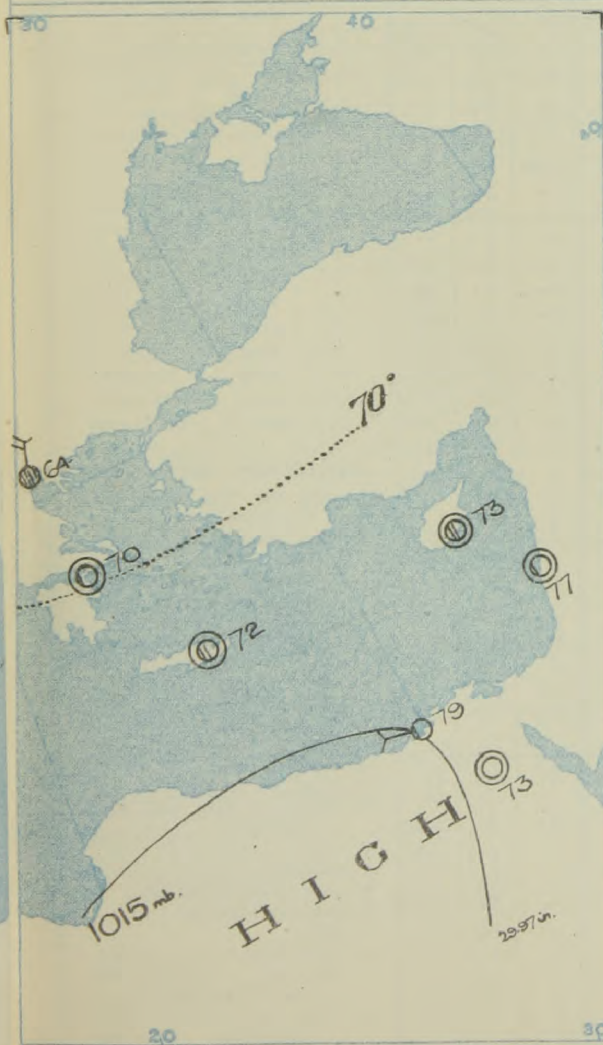
E. G. B.

## GALES.

HARTLAND POINT.  
SSW 8. 12-16h. (3rd)

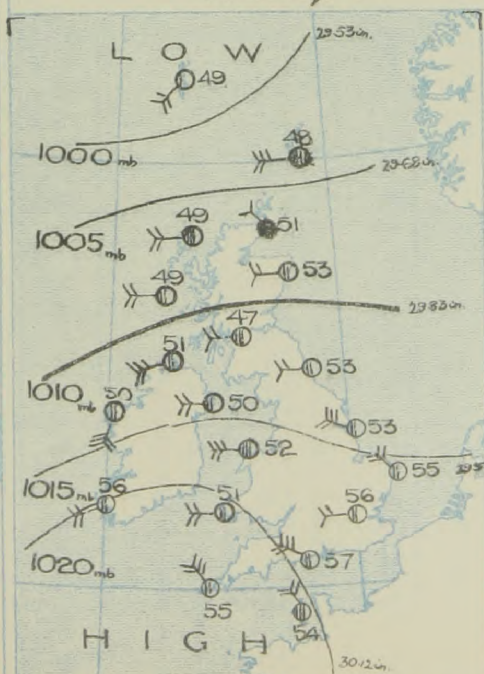
LOUGH FOYLE.  
WNW 8. at 5h. (4th)

BANTRY.  
WS 8. at 3h. (1st)



Friday, 4<sup>th</sup>

OCTOBER, 1918, at 12h. (1p.m.) G.M.T.



The rise of barometer over Great Britain continues but a fresh fall has already begun on the west coast of Ireland, where the wind has backed to SSW. A new depression of some intensity is approaching our western coasts.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 277

FRIDAY,  
4th October.

STATIONS.		EVENING OF 3rd					MORNING OF 4th										24 HOURS ENDED 7th 3rd							Sun- shine for 2nd Hours.	
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	WIND.		Dir. 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.	Letwick	999.7	47	W	4	cm	1001.3	+2	46	-4	W	3	-	om	2	3	51	44	om	omd	om	*			
	Deerness (Orkney)	999.6	51	S	2	o	1002.4	*	46	-6	WNW	3	-	op	3	trace	55	45	o	o	o	0.8			
	Stornoway	998.8	50	SW	4	cp	1003.6	+5	42	-6	SW	3	-	bc	2	29?	55	41	o.bc.cq.	cp	bc	2.6			
	Castlebay (Barra Isd.)	1001.1	51	W	4	c	1006.4	+3	48	-1	WNW	4	-	c	4	1	52	45	o	oc	o.b.oc	0.0			
	Glasgow	1002.6	51	WSW	2	omgd	1007.7	+6	43	-11	SW	2	-	om	*	14	55	42	omd	d.r	omr	0.0			
	Esksdalemuir	1003.6	52	SSW	6	otm	1008.6	+6	42	-10	W	2	-	ot	*	41	52	41	otm	otm	otm	0.0			
	Malin Head	1002.9	51	W	3	c	1008.0	+4	47	-6	WNW	5	W	cq	5	8	54	44	omd	bc	cq	1.2			
	Blacksod Point	1004.2	48	W	5	ogpu	1013.7	+5	44	-7	W	5	W	bcq	5	6	57	42	bc	bc	bc	*			
	Valencia (Cahirciveen)	1008.6	50	WNW	4	op	1019.0	+6	48	-8	NW	4	W	b	4	11	57	46	orp	ocp	bc.cq.	0.5			
	Roche's Point	1007.0	52	W	1	r	1018.4	*	43	-9	W	2	-	b	3	17	54	43	r	r	to.b	*			
	Birr Castle	1005.5	52	SSW	1	r	1015.7	*	40	-14	SW	1	-	bc	3	12	56	40	or	or	or.b	0.0			
	Donaghadee	1004.0	52	W	2	cm	1009.5	+4	44	-10	W	4	W	bcq	3	18	55	43	omr	omr	ogmr	*			
	Liverpool (Bidston)	1008.6	54	SSW	4	o	1011.4	+5	47	-7	W	6	W	c	4	1	56	47	o	o	p.b.c	0.0			
	Holyhead	1006.7	55	SW	6	orgm	1012.9	+6	48	-7	W	6	W	c	5	16	56	47	orgm	orgm	or.pgc	0.0			
	Pembroke (St. Ann's)	1009.5	55	SSW	7	r	1016.5	+4	50	-5	W	4	W	bcq	5	5	56	49	cq	ogpd	og.rbc	0.0			
	Hartland Quay	1012.7	56	SSW	7	o	1018.3	+4	52	-3	WNW	5	-	c	5	3	58	52	oc	o.d.p	ad.ore	*			
	Scilly (St. Mary's)	1013.1	55	S	4	c	1020.6	+4	51	-4	WNW	6	NW	bc	7	2	59	49	cq	c	bcq	3.0			
	Falmouth	1013.9	55	SW	5	og	1019.5	+5	47	-6	WNW	4	-	bc	3	3	60	47	bc.c	c.og	bc.r	2.7			
	Jersey (St. Aubin)	1017.9	57	S	2	b	1018.4	*	53	+1	WNW	3	NW	c	3	0.3	61	51	bc.b	b	bc.op	10.2			
	Portland Bill	1017.2	55	SW	5	bc	1015.9	+3	53	-2	NW	5	NW	bc	4	-	57	53	oc	bc	bc	*			
	Dungeness	1017.5	55	SW	4	bc	1013.9	-1	56	?	SW	3	SW	c	3	-	59	54	c.bc	bc	c.b.bc	*			
NORTHERN EUROPE.	Wick	1000.2	51	W	1	o	1002.9	+4	44	-10	W	2	-	o	2	-	56	43	omg	og	og.bca	*			
	Nairn	1000.0	51	-	0	cq	1004.3	*	43	-11	W	2	-	op	1	2	60	43	o.bc.c	cp.ru	cpo	0.3			
	Aberdeen	1001.0	53	SSW	3	om	1004.0	+4	47	-7	W	2	-	omp	2	5	59	47	og.gm	ogm.r	omr	0.0			
	Leith	1001.2	56	SW	2	r	1006.0	+3	45	-10	W	2	-	o	2	0	59	44	to.do	do.to	do.to	*			
	Tyne-mouth	1006.2	56	SSW	3	rm	1007.1	+6	46	-10	W	2	-	bcm	3	2	57	46	om	om	omr	*			
	Spurn Head	1011.9	54	SW	4	bcq	1009.5	+1	52	-1	W	4	-	bc	4	0.3	58	49	cq	bcq	bc.pbc	1.6			
	Yarmouth (Gorleston)	1015.4	52	SSW	2	bc	1012.5	0	53	+3	SW	3	-	bc	3	-	60	47	bc	bc	bc.b	4.1			
	Clacton-on-Sea	1017.0	54	SW	3	bc	1013.4	0	54	+1	SSW	3	W	om	2	-	60	52	c.bc	bc	bc.bog	5.7			
	Nottingham	1012.6	55	SW	3	bc	1012.2	*	48	-5	W	3	-	b3	*	-	58	48	oc	c	bc.b	1.4			
	Benson (Oxon.)	1015.5	52	SSW	3	b	1014.4	+6	46	-5	W	1	SW	b	*	0.2	59	46	o.bc	bc	bp.b	*			
FRANCE, &c.	St. Farnborough	1016.9	52	SSW	4	b	1015.1	+4	49	-3	WNW	4	SW	c	*	0.2	61	48	oc	c.b	b.oro	4.2			
	Salisbury Plain	1016.1	51	SSW	3	b	1016.3	+5	43	-9	W	2	SW	b	*	1	68	42	o.co	coc.bc	oro.b	3.5			
	London (Kew Obs.)	1016.8	55	SW	3	o	1014.5	+4	52	0	W	2	SW	c	*	Trace	59	48	a.bc	bc.o	o.bc.bca	4.5			
	Spitsbergen											*		*	*										
	Vardö											*		*	*										
	Bodö	1001.0	48	E	2	o	1000.2	+3	48	+2	SW	7	-	c	5	?	48	43							
	Christiansund	998.1	52	W	2	o	1000.3	-2	52	+4	?	2	-	r	2	2	55	48							
	Skudesnaes	1006.7	52	S	8	t	1004.8	0	54	+2	S	7	-	o	5	50	54	45							
	Færder (X'ania Fjord)	1012.6	54	S	7	m	1012.3	+1	54	+2	S	6	-	o	4	8	54	52							
	The Scaw (Skagen)	1015.1	52	S	5	m	1014.0	0	54	+4	S	4	-	o	4	-	54	50							
IBERIA, &c.	Blaavands Huk	1016.8	55	SSW	3	o	1015.1	-1	52	-2	SSW	3	-	o	*	Trace	55	50							
	Copenhagen	1022.1	52	WSW	3	c	1020.6	0	50	0	SW	3	-	b	*	-	54	48							
	Bornholm	1024.3	48	SSW	2	bc	1022.4	-1	46	0	SSW	2	-	b	0	-	52	43							
	The Helder	1017.9	55	SSW	4	c	1014.4	0	48	-7	SSW	3	-	c	1	-	57	45							
	C. Gris Nez	1018.1	54	WSW	3	b	1014.6	-1	54	+2	WSW	3	*	bc	2	-	57	48							
	La Hève	1019.4	57	S	2	b	1017.6	*	52	+4	WSW	3	*	r	3	Trace	61	48							
	Brest (St. Matruis)	1018.4	57	S	4	bc	1020.8	+3	54	-1	NW	5	*	c	*	Trace	59	50							
	Rochefort (Ile d'Aix)	1017.7	57	NE	4	c	1017.5	+3	52	+6	N	4	*	c	*	-	72	46							
	Biarritz	1015.8	61	ENE	2	b	1017.5	+3	54	+4	WNW	4	*	c	*	-	72	45							
	Paris	1020.4	54	SSE	1	b	1017.6	+1	46	-3	-	0	-	c	*	-	63	43							
MEDITERRANEAN.	Belfort	1021.6	48	E	2	b	1018.3	*	46	+1	E	2	*	c	*	-	59	43							
	Lyons	1020.3	50	NNW	1	b	1017.9	*	39	-6	WNW	1	*	b	*	-	61	37							
	Nice	1019.0	55	-	0	b	1015.4	-1	54	-5	-	0	*	c	2	-	66	54							
	Perpignan						1015.9	+1	48	+7	SW	1	*	bc	*	-	63	41							
	Sanguinaire	1018.0	63	W	3	c	1013.1	*	61	-2	E	3	*	o	-	79	55								
	Corunna	1019.0	61	WNW	3	b	1024.0	+4	59	+5	N	2	-	o	3	2	66	54							
	Madrid														*										
	Lisbon	1017.0	66	NNW	4	b	1019.0	+1	55	-4	NNE	4	-	c	5	-	73	55							
	Azores (Horta)	1026.9	*	NNE	6	bc	1024.7	+1	61	-3	NNE	3	*	c	2	6	68	61							
	" (P. Delgada)	1025.0	*	WSW	1	m	1027.8	+1	61	-3	NE	2	*	c	3	2	66	61							
MEDITERRANEAN.	Madeira	1020.0	70	N	3	o	1024.0	+2	61	-2	N	2	N	bc	2	-	72	61							
	Gibraltar	1015.6	60	E	3	o	1015.9	*	60	-4	NW	4	*	bc	?	40	65	51							
	Palma																								
	Algiers	1013.2	66	NE	4	o	1009.5	+4	63	-3	WSW	2	-	bc											



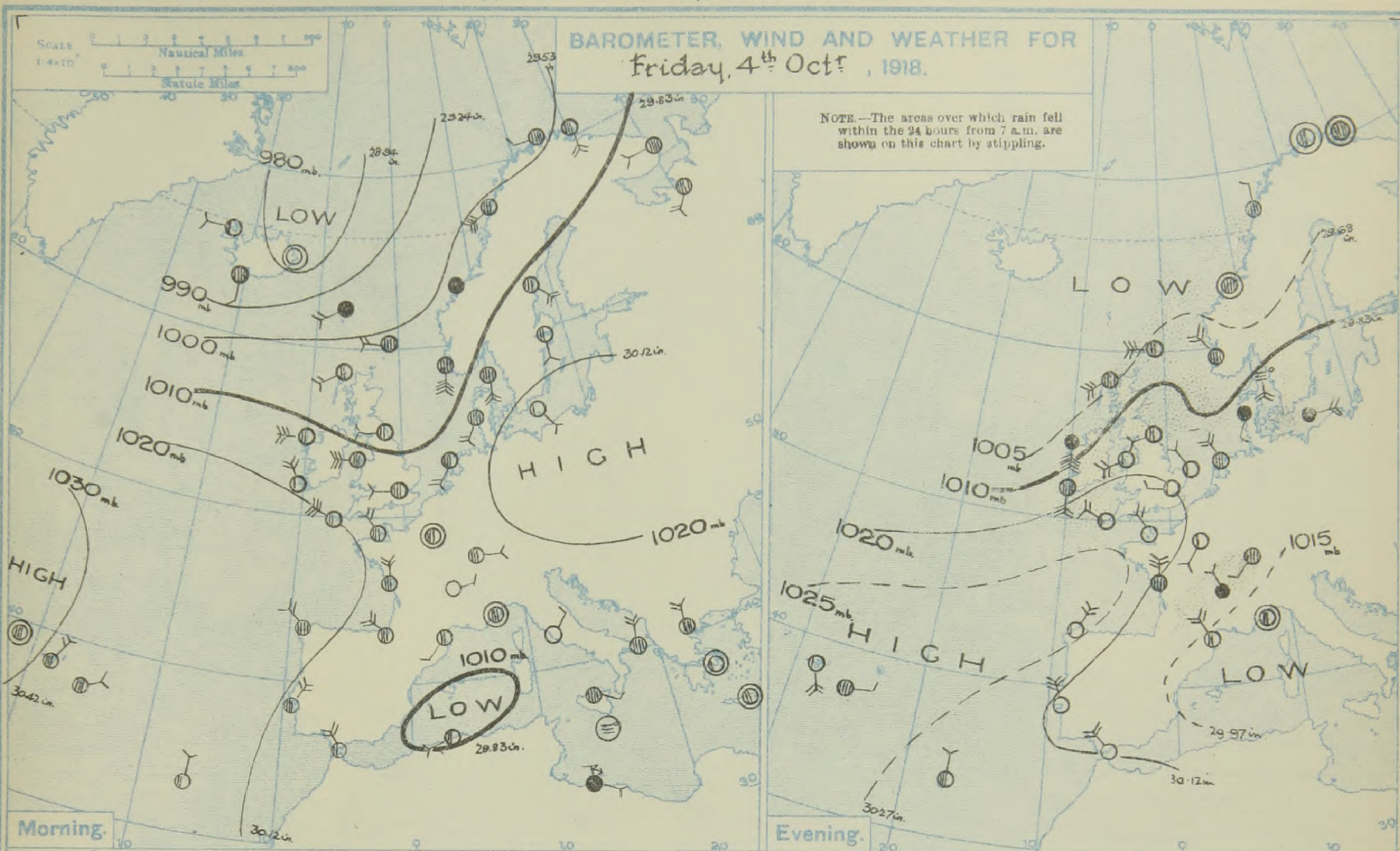
# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20771

Saturday, 5<sup>th</sup> October 1918.

## BAROMETER, WIND AND WEATHER FOR Friday, 4<sup>th</sup> Oct<sup>r</sup>, 1918.

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 4<sup>th</sup> October.

STATIONS.		EVENING OF 3 <sup>rd</sup>					MORNING OF 4 <sup>th</sup>										MORNING 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. ° F.	Change in 24 hours. ° F.	Direc.	Force 0-12.		Weather.	Max.			Min	Dry Bulb. ° F.	Change in 24 hours. ° F.	Direc.		Force 0-12.
RUSSIA.	Archangel ...		° F.				1015.0	+1	45		WSW	3	0	2	° F.	° F.							
	Petrograd ...														*	*	Isafjord ...	984.7	34	-2	W	2	b
	Moscow ...														*	*	Reykjavik	986.0	36	0	E	3	bc
SWEDEN.	Hernösand ...						*							*	*	*	Vestmanna	986.3	37	0	S	1	0
	Stockholm ...						*							*	*	*	Seydisfjord	975.4	32	-7	-	0	b
	Wisby ...						*							*	*	*	Thorshavn	991.5	42	-4	WSW	3	r
ITALY.	Venice ...						1024.5	*	48	-	0	b	-	61	46	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM							
	Turin ...	1020.9	55	-	0	b	1017.0	*	45	-7	-	0	b	?	?	39	5 <sup>th</sup> & 6 <sup>th</sup> Oct 1918.		Sunrise.	Noon.	Sunset.		
	Pesaro ...	1020.7	50	SW	1	b	1017.1	*	?	?	-	0	?	?	61	41							
	Leghorn ...	1019.4	59	-	0	b	1015.5	*	52	-3	E	1	b	-	64	46							
	Rome ...	1015.9	55	N	2	b	1015.3	*	54	-5	NE	1	b	-	66	50							
	Viesti ...	1017.3	59	NW	3	0	1022.3	*	77	?	?	?	?	?	64	50							
	Brindisi ...	1016.6	72	NW	6	b	1016.9	*	61	-7	N	4	0	-	79	61							
	Cagliari ...						*																
	Palermo ...						1014.5	*	59	-5	ESE	1	0	-	77	55							
	Tripoli ...						1018.2	*	70	?	ESE	2	?	?	99	70?							
																	Yarmouth ...		6.2	11.42	5.21		
																	Greenwich ...		6.4	11.41	5.18		
																	Wick ...		6.9	11.49	5.20		
																	Valencia ...		6.10	11.48	5.23		
																			6.28	12.1	5.3		
																			6.30	12.0	5.3		
																			6.49	12.30	6.1		
																			6.51	12.29	6		

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

5 <sup>th</sup> & 6 <sup>th</sup> Oct 1918.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	...	6.2	11.42	5.21
Greenwich ...	...	6.4	11.41	5.18
Wick ...	...	6.9	11.49	5.20
Valencia ...	...	6.10	11.48	5.26
		6.28	12.1	5.34
		6.30	12.0	5.31
		6.49	12.30	6.10
		6.51	12.29	6.1

LONDON				24 HOURS ENDED 9 h. 5 <sup>th</sup> October.									
5 <sup>th</sup> October, 9h. G.M.T.				HUMIDITY.		Sun-shine for 24 h.	TEMPERATURE.			Rain-fall.	WEATHER.		
				25 h.	9 h.		Max.	Min.	Min. on Grass.		Morning.	Afternoon.	Night.
				%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory) ..				53	77	8.0	59	37	27	—	b. bc	bc o	bc. of
CITY (Bunhill Row) ..				*	*	8.2	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park) ..				57	81	8.0	59	39	31	—	bc	od	oe
" (Roof near Charing X.)				64	84	7.8	59	46	—	—	b	bc. b	bb. co
CAMDEN SQ. (British Rainfall) ..				53	80	6.9	61	39	34	—	b.	b. bc	*
KENSINGTON PALACE ..				51	77	8.4	58	38	27	?	b	b	*

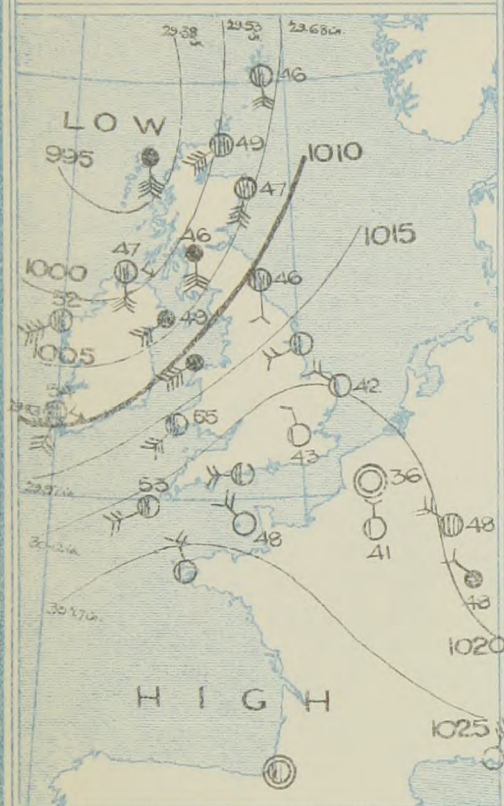
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during 24 h.		
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
—	—	—



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

THE MORNING OF SATURDAY, 5<sup>TH</sup> OCTOBER 1918, 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.

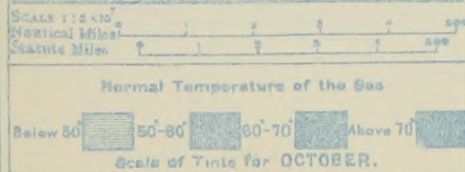
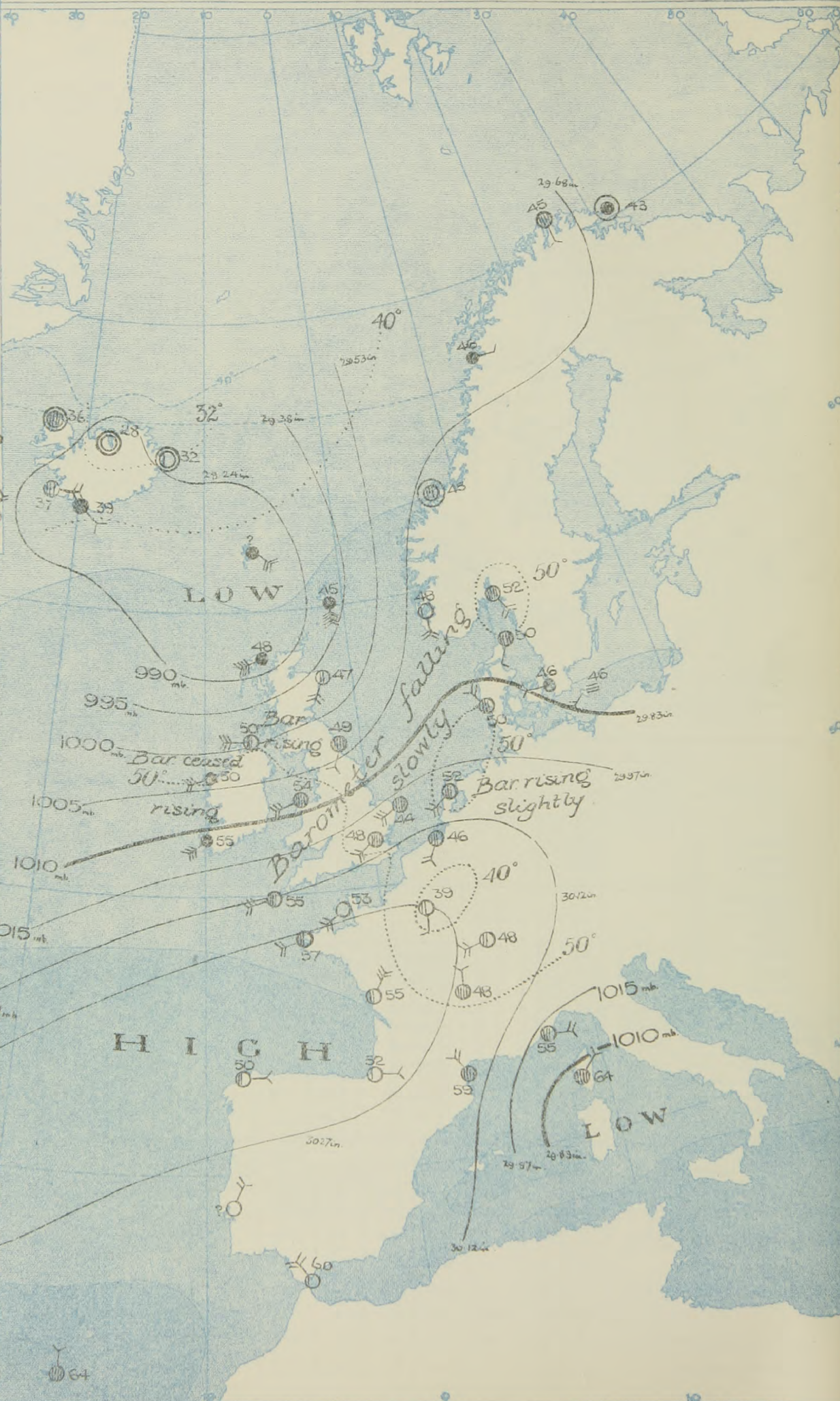
**WEATHER**—Shown by the following symbols:—

☉ clear sky. ☁ sky & clouded. ☁ sky & clouded.

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

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

**SEA DISTURBANCE**—Rough. High.





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

Rainy conditions set in again yesterday afternoon and evening in the west and north, the precipitation being heavy locally. Moderate amounts of sunshine were, however, recorded, over 8 hours being registered at Birr Castle. In the south and east the day was fine and from 8 to 10 hours of sunshine were registered. Air temperature was fairly normal for the season, maxima ranging from 50° to 59° and minima from 33° (Benson) to 52°. During the night and early this morning the South-Westerly wind reached the force of a whole gale on the west coast of Ireland.

## The Conditions at 7h. Today

The new depression which was indicated off the west of Ireland yesterday afternoon is now centred to northward of the Hebrides, having developed considerable intensity. Gales from between S. and WSW. are blowing at the Shetlands, the Hebrides and locally on the south-west coasts. Rain is falling at most of the western stations.

There are indications of another primary or secondary depression off the west coast of Ireland. A depression which has moved up northward from the African Continent lies over the Western Mediterranean. An anticyclone in which pressure continues to exceed 1025 mb. extends from near the Azores to Paris.

## The Outlook

The rise of the barometer in the rear of the depression off our northern coasts has already ceased on the west coast of Ireland, and as the wind has not veered beyond WSW. it is probable that further disturbances are following in the wake of that now on the map. A continuance of strong SW. winds and unsettled weather may be anticipated.

E.G.B.

## GALES.

**LERWICK.**  
Ext. S.W. 5-7 h. (5h)  
Gale 2-7 h. (5h)

**ESKDALEMUIR.**  
SSW 8 at 3h. (5h)

**MALIN HEAD.**  
SSW 8 during night (4h)

**LOUGH FOYLE.**  
SWW 8 at 13h. (4h)  
W. 10 at 3h. (5h)

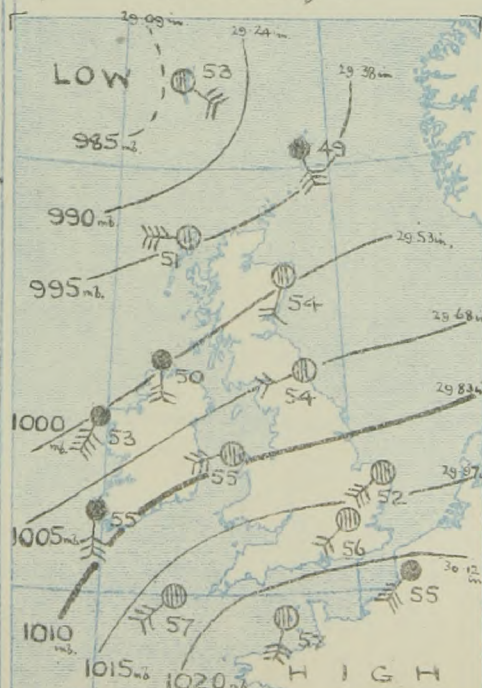
**BLACKSOD PT.**  
SSW 10 at 2h. (4h)  
Gale 15h (4h) - 2h (5h)

**PEMBROKE (St. Anna)**  
SW 8, 4-7 h. (5h)

**HARTLAND QUAY.**  
SW 8, 3-7 h. (5h)

Saturday, 5<sup>th</sup>

OCTOBER, 1918, at 13h. (1p.m.) G.M.T.



The new disturbance in the west which was indicated this morning is now well marked. The barometer is falling decidedly on the west coast of Ireland where the wind has backed to south and freshened again to gale force at Blacksod Point.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 278. SATURDAY, 5th October.

STATIONS.		EVENING OF 4th					MORNING OF 5th										24 HOURS ENDED 7th 5th							Sun- shine for 4th
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	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	1006.9	45	W	5	bcm	993.9	-9	45	-1	S	10	-	omr	7	4	50	42	om	bcm	cmr			
	Deerness (Orkney)	1007.4	45	SW	4	b	990.5	*	49	+3	S	6	SW	bcr	6	1	51	45	op.c, bc	bc.b	bcbpb	4.4		
	Stornoway	1004.7	48	SW	5	opq	986.6	+1	48	+6	WSW	8	-	org	6	18	52	40	bcbq	bc.opq	org	5.6		
	Castlebay (Barraisd.)	1006.2	51	SW	6	op							-						cop bc	bc.op				
	Glasgow	1013.0	46	SSW	3	bj	1000.6	+2	49	+6	WSW	5	-	og	*	12	51	42	op.cop	cp.bcz	bc.opq	4.5		
	Eskdalemuir	1015.7	40	SSW	2	bv	1002.6	+1	47	+5	SW	5	-	og	*	16	50	37	oro.bc	bc.o pb	bvb.of	5.6		
	Malin Head	1009.0	50	SSW	5	cq	999.6	+7	50	+3	W	6	W	cq	6	5	52	45	bcq.ph	cq.p	cmq	4.8		
	Blacksod Point	1006.6	50	S	9	omr	1004.1	0	50	+6	WSW	5	-	omr	5	12	53	44	bcbp	rmq.p	om.omr			
	Valencia (Cabiriveen)	1016.2	54	S	5	?	1010.3	0	55	+7	SW	6	-	or	6	11	56	52	b.bc	bc.og	or	7.4		
	Roche's Point	1019.7	51	SW	4	o	1012.5	*	54	+11	SW	5	-	r	5	14	56	43	b.bcp	bc.o	or			
Birr Castle	1015.4	50	S	1	c	1007.9	*	51	+11	SW	1	-	r	*	7	55	40	bc.c	cp	or	8.6			
Donaghadee	1013.5	49	SW	4	bcmq	1004.4	+5	50	+6	W	4	W	cmq	3	5	54	43	bc.gm	bc.qj	omro				
Liverpool (Bidston)	1018.6	47	W	2	b	1008.8	-2	52	+5	WSW	3	W	r	3	2	53	44	b	bc	or	8.0			
Holyhead	1017.9	51	WSW	4	bv	1008.5	+1	54	+6	WSW	5	-	og	5	5	55	47	c.bc.c	c.bc	bo.top	9.3			
Penbroke (St. Ann's)	1021.2	51	SW	3	bc	1012.8	+1	54	+4	SW	8	-	og/r	6	6	54	50	bcq	bc	cogr	9.7			
Hartland Quay	1022.8	53	W	3	c	1017.1	-2	55	+3	SW	8	-	omr	6	0.2	56	52	c	c.bc.c	coorm	*			
BRITISH ISLANDS.	Scilly (St. Mary's)	1024.0	55	WNW	3	b	1019.8	-1	55	+4	WSW	5	SW	c	5	-	56	50	bc	bc.b	c	9.6		
	Falmouth	1023.4	48	WNW	2	bm	1019.8	-2	54	+7	SW	7	W	ca	*	-	56	45	bbyq	byq.bm	og.cq	9.7		
	Jersey (St. Aubin)	1022.6	54	NW	3	b	1023.7	*	53	0	SW	4	-	b	4	-	59	45	c.b	b.bc.b	bu	8.2		
	Portland Bill	1021.2	53	NW	4	b	1019.4	-2	56	+3	WSW	7	SW	c	5	-	57	51	bc	bc.b	bcc	*		
	Dungeness	1018.9	50	W	3	b	1020.3	-1	51	-5	WSW	3	NW	c	3	-	59	37	cb	b	b.bc	*		
	Wick	1008.3	43	W	2	c	995.3	-3	48	+4	SW	6	-	bcq	5	2	53	42	ocp	cp	co.bcg	*		
	Nairn	1008.1	44	-	0	bc	992.2	*	46	+3	WSW	4	-	cqg	3	2	52	42	de.bc	bcq	gpc	5.3		
	Aberdeen	1011.4	46	WSW	1	b	996.7	-3	47	0	SSW	4	-	bc	4	9	54	43	op.mc	bc.bv	bc.org	4.4		
	Leith	1013.2	47	W	2	bc	999.5	+1	47	+2	WSW	3	W	c	3	6	53	44	od.oc	bcc.bc	bcq.b	*		
	Tynemouth	1015.1	48	WSW	2	bcm	1004.3	-3	49	+3	SSW	2	-	om	3	1	55	42	bcm	bcm	omr	*		
Spurn Head	1017.6	47	W	4	bcq	1010.4	-5	48	-4	S	5	E	og	5	-	54	43	bcq	bcq	bc.org	7.0			
NORTHEN EUROPE.	Yarmouth (Gorleston)	1016.9	49	NW	2	b	1016.6	-2	48	-9	SW	5	-	om	4	-	57	38	bc.c	bc.bm	bm.bm	5.7		
	Clacton-on-Sea	1019.1	49	WNW	3	bcj	1018.7	-2	48	-6	SW	3	-	og	2	-	57	40	og.bc	bc.vj	bj.bo	6.5		
	Nottingham	1019.7	49	WNW	2	b	1011.9	*	49	+1	SW	4	SW	op	*	0.3	56	37	bc.c	bc.b	b	8.6		
	Benson (Oxon.)	1020.2	48	W	1	b	1016.9	-3	47	+1	SSW	4	-	r	*	0.2	57	33	b.bc	b	bo	*		
	Sth Farnborough	1020.5	46	WNW	2	b	1018.9	*3	50	+1	SW	5	-	o	*	-	58	36	c.b.bcy	y.b.c.b	bo	9.0		
	Salisbury Plain	1021.5	44	W	2	b	1018.4	-2	51	+8	SW	4	W	o	*	-	54	35	b.bc	bcy.b	b.bc.o	10.1		
	London (Kew Obsy.)	1020.3	51	W	1	b	1018.5	-1	48	-4	SW	4	-	o	*	-	57	39	c.bcy	bcy.b	b.bm	8.9		
	Spitsbergen	1002.7	41	-	0	o	1007.1	+1	43	?	-	0	-	r	3	*	41	36						
	Vardö	1001.3	48	N	1	o	1003.5	0	46	-2	E	1	-	r	1	?	50	45						
	Christiansund	1003.5	46	-	0	o	1007.3	0	45	-7	-	0	-	c	2	10	52	45						
FRANCE, &c.	Skudesnaes	1008.2	48	NW	4	o	1007.8	-1	48	-6	S	4	-	b	4	7	54	43						
	Færder (X'ania Fjord)	1010.6	54	S	6	o	1007.4	-1	52	-2	SSE	4	-	o	4	4	54	50						
	The Scaw (Skagen)	1011.9	52	S	4	m	1007.7	-2	50	-4	SSW	1	-	o	1	2	54	48						
	Blaavands Huk	1013.6	52	SSW	1	r	1012.6	+1	50	-2	NW	3	-	c	*	4	57	48						
	Copenhagen	1016.0	50	SSE	2	c	1009.6	-2	46	-4	W	2	-	r	*	1	52	45						
	Bornholm	1015.7	50	E	4	r	1006.8	-3	46	0	SW	3	-	f	0	-	52	45						
	The Helder	1016.0	52	NW	4	c	1017.6	0	52	+4	SW	4	-	c	2	Trace	55	48						
	C. Gris Nez	1019.5	54	NW	3	b	1020.3	-2	50	-4	WSW	4	*	c	-	-	59	50						
	La Hève	1022.1	52	WNW	4	bc	1023.7	*	48	-4	SW	5	*	o	-	9	57	48						
	Brest (St. Mathieu)	1025.7	54	NNW	3	b	1025.1	-1	57	+3	WSW	4	*	bc	-	-	57	52						
IBERIA, &c.	Rochefort (Ile d'Aix)	1019.4	59	N	5	o	1026.9	+2	45	-7	NE	2	*	b	*	-	63	45						
	Biarritz	1020.7	61	NNW	4	o	1027.1	+2	52	-7	E	3	*	b	2	64	50							
	Paris	1019.5	52	SW	2	b	1025.9	+4	39	-7	S	1	-	bc	*	-	57	37						
	Belfort	1016.8	52	SW	1	o	1023.7	*	48	+2	WSW	4	*	bc	*	3	63	45						
	Lyons	1017.7	54	NW	2	r	1024.2	*	48	+9	N	2	*	o	*	Trace	61	46						
	Nice	1012.6	63	-	0	bc	1014.9	+1	55	+1	E	3	*	c	-	-	63	48						
	Perpignan	1014.3	63	NW	4	bc	1021.3	+5	59	+11	NW	3	*	o	*	-	68	48						
	Sanguinaire	1011.1	64	NE	2	o	1009.7	*	63	+2	E	2	*	o	-	-	77	59						
	Corunna	1026.3	61	NNE	4	b	1027.4	-1	50	-9	E	2	NE	bc	3	-	63	46						
	Madrid																							
MEDITERRANEAN.	Lisbon	1019.7	61	NNW	5	b	1022.9	+2	61	+6	NNE	3	-	b	6	-	64	57						
	Azores (Horta)	1028.0	*	SE	4	b	1024.6	-1	66	+5	SSW	5	*	o	4	-	73	64						
	(P. Delgada)	1027.7	*	E	1	o	1025.7	0	61	0	NE	1	*	b	2	-	68	59						
	Madeira	1022.7	72	N	2	c	1023.3	0	64	+3	N	2	-	o	2	-	72	61						
	Gibraltar	1020.0	62	NW	4	b	1021.3	*	60	0	NW	4	*	b	1	-	73	53						
	Palma																							
	Algiers																							
	Malta																							
	Salonica																							
	Athens																							
MEDITERRANEAN.	Candia																							
	Limassol																							

## 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	1·6-3·8
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

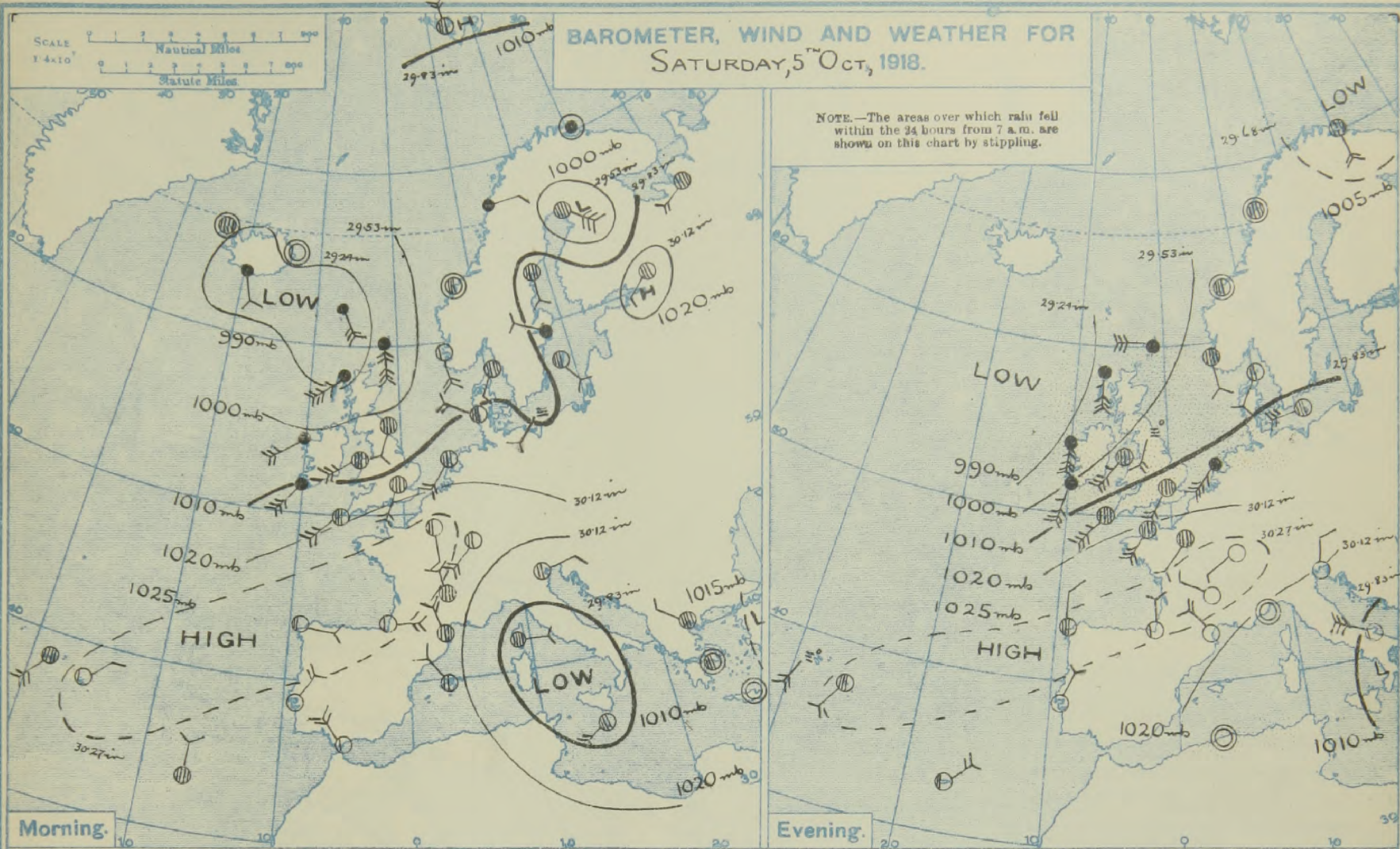


# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,772.

SUNDAY, 6<sup>TH</sup> OCTOBER, 1918.

## BAROMETER, WIND AND WEATHER FOR SATURDAY, 5<sup>TH</sup> OCT, 1918.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 5<sup>TH</sup> OCTOBER.

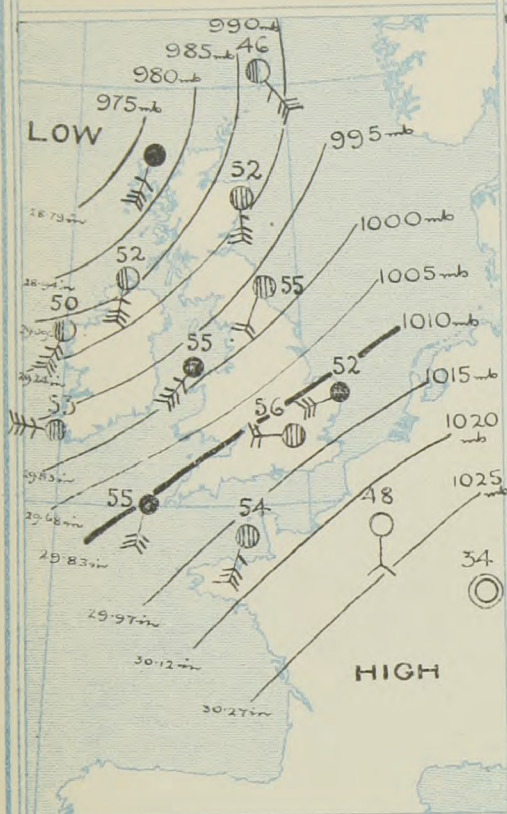
STATIONS.		EVENING OF 4 <sup>TH</sup> .....					MORNING OF 5 <sup>TH</sup> .....										MORNING OF 5 <sup>TH</sup> .....						
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND		Weather.	BAROMETER.		TEMP.		WIND.		Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.		Weather.	
				Dirac.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours.	Dirac.	Force 0-12.		Weather.	Max.			Min.	Dry Bulb. ° F.	Change in 24 hours.	Dirac.		Force 0-12.
RUSSIA.	Archangel ...		° F.				1017.2	+2	4.6	+1	WSW	3	0	?	° F.	° F.	Isafjord ...	993.0	36	+4	-	0	0
	Petrograd ...														*	?	Reykjavik	989.2	37	+1	E	4	C
	Moscow ...														*		Vestmanna	988.8	39	+2	SE	2	r
SWEDEN.	Hernösand ...						1011.3	*	4.6		S	2	0	*	*	*	Seydisfjord	992.3	32	0	-	0	b
	Stockholm ...						1010.6	*	4.5		NW	2	r	*	*	*	Thorshavn	988.4	53	+11	SE	5	r
	Wisby ...						1001.5	*	4.8		SSW	2	C	*	*	*	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM						
ITALY.	Venice ...	1016.6	54	-	0	b	1016.9	*	54	+6	E	1	bc	-	61	46	6 <sup>TH</sup> & 7 <sup>TH</sup> OCT, 1918.						
	Turin ...	1016.8	55	-	0	b	*	*	*	*	*	*	*	*	*	*	Sunrise. Noon. Sunset.						
	Pesaro ...	1013.5	59	-	0	b	*	*	*	*	*	*	*	*	*	*	G.M.T. G.M.T. G.M.T.						
	Leghorn ...	1011.8	61	E	1	0	*	*	*	*	*	*	*	*	*	*	Yarmouth ...	...	{	6.4	11.41	5.18	
	Rome ...						*	*	*	*	*	*	*	*	*	*	Greenwich ...	...	{	6.10	11.48	5.26	
	Viesti ...						*	*	*	*	*	*	*	*	*	*				6.12	11.45	5.21	
	Brindisi ...	1016.3	66	SSW	4	r	*	*	*	*	*	*	*	*	*	*	Wick ...	...	{	6.30	12.0	5.21	
	Cagliari ...						*	*	*	*	*	*	*	*	*	*				6.32	12.0	5.28	
	Palermo ...	1009.3	66	-	0	0	*	*	*	*	*	*	*	*	*	*	Valencia ...	...	{	6.51	12.29	6.7	
	Tripoli ...						1019.7	*	73	+3	WNW	3	b	Trace	?	70				6.53	12.29	6.5	

LONDON				24 HOURS ENDED 9 h. 5 <sup>TH</sup> OCTOBER.										SOUTH KENSINGTON (M.O.)		
6 <sup>TH</sup> OCTOBER, 9h. G.M.T.				Humidity.			Sunshine for 5 <sup>TH</sup>			TEMPERATURE.			Rain-fall. mm.	WEATHER.		
				15 h.	9 h.	5 <sup>TH</sup>	5 <sup>TH</sup>	6 <sup>TH</sup>	5 <sup>TH</sup>	Max. °F.	Min. °F.	Min. on Grass. °F.		Morning.	Afternoon.	Night.
GREENWICH (Royal Observatory) ..				90	88	0.0	59	53	50	2	od. o.	od. o.	od. o.			
CITY (Bunhill Row) ..				*	*	0.0	*	*	*	*	*	*	*			
WESTMINSTER (St. James's Park) ..				86	94	0.0	58	53	49	2	*	*	*			
" (Roof near Charing X) ..				90	91	0.0	59	53	*	2	oud	oud	*			
CAMDEN SQ. (British Rainfall) ..				81	87	0.0	57	53	47	4	0	0	*			
KENSINGTON PALACE ..				86	84	0.0	57	53	49	3	r	r. o.	*			
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.																
Vertical Component of Solar Radiation per square Centimetre during 5 <sup>TH</sup> ..																
Total.			Average Rate.			Max. Rate.										
Joules.			Milliwatts.			Milliwatts.										
-			-			-										



6<sup>th</sup>, OCT, at 1h. G.M.T.

THE MORNING OF SUNDAY, 6<sup>th</sup> OCTOBER 1918, at 7h. G.M.T.



# EXPLANATION.

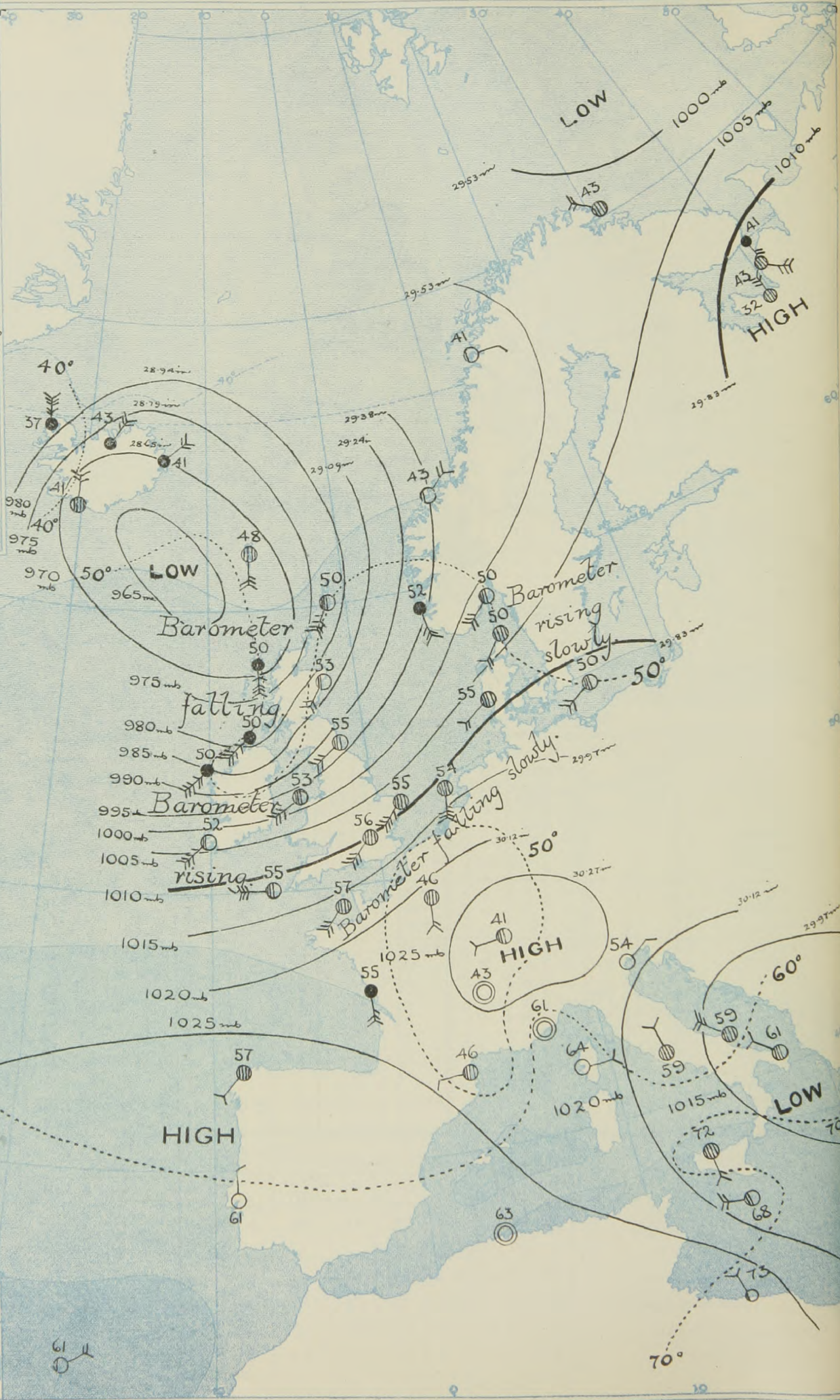
**BAROMETER**—Isobars are drawn for intervals of five millibars.

**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 ~~~~~.



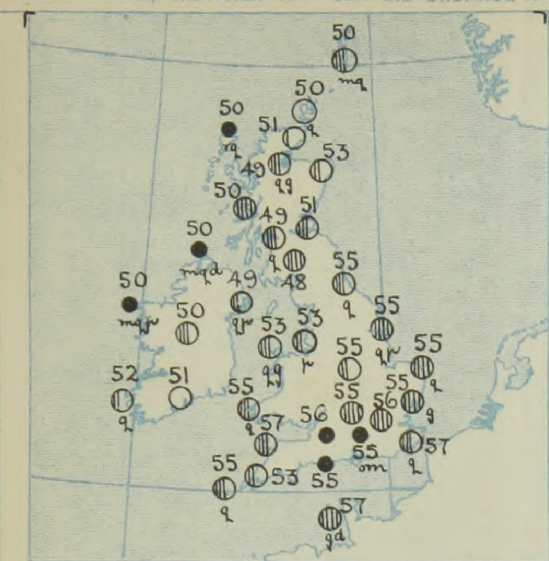
SCALE 1:50,000  
 Nautical Miles  
 Statute Miles

Normal Temperature of the Sea.

Below 50° 50°-60° 60°-70° Above 70°

Scale of Tints for OCTOBER.





## GALES.

**Lerwick.**  
Gale 2h-10h (5°), 2h-6h (6°)  
Ext. SE 9 at 4h.

**Glasgow.**  
SW 8, 3h-6h.

**Eskdalemuir.**  
Gale 2h (5°)-3h (6°).

**Lough Foyle.**  
Gale 7h-10h (5°), 1h-7h (6°)  
Ext. SW 12 at 6h.

**Malin Head.**  
Gale since 2h (6°).

**Blackrod Point.**  
Gale 9h (5°)-7h (6°)  
Ext. SSW 11 night of 5°.

**Whiddy Island.**  
Gale 2h-6h (6°)  
Ext. SW 9 at 4h.

**Queenstown.**  
Gale 7h-9h (6°).

**Donaghadee.**  
Gale since 2h.

**St. Ann's Hd.**  
Gale 22h (5°)-3h (6°).

**Harland Quay.**  
Gale 17h (5°)-4h (6°)  
Ext. SSW evening of 5°.

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

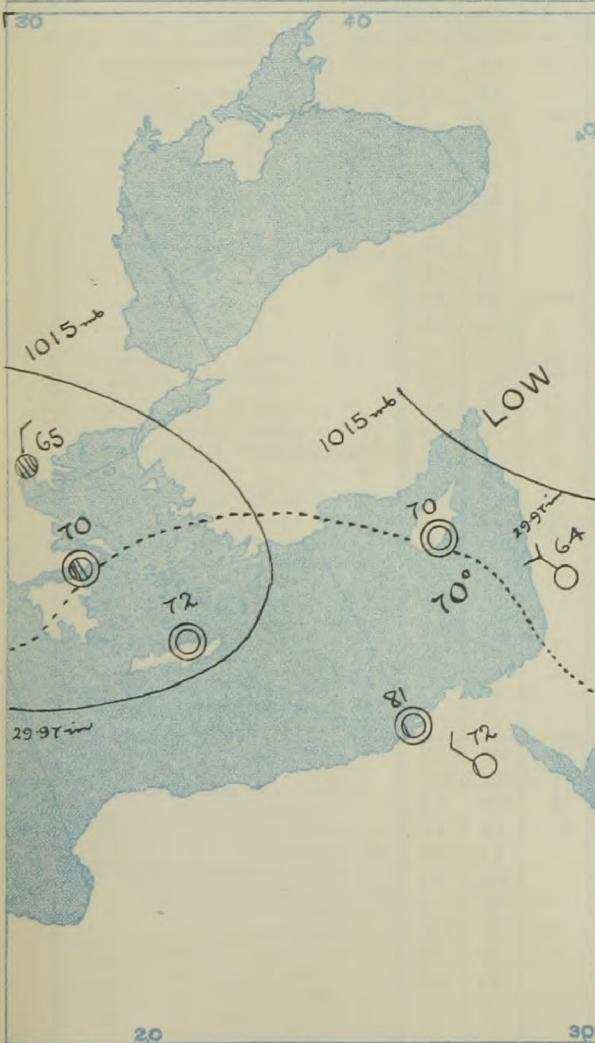
The afternoon temperature ranged from 50° at Lerwick to 60° at Jersey, but in the night the minima at many southern and western stations remained above 50°. Rain was general, light in most districts, but Cahirciveen measured 24 mm, and Eskdalemuir 30 mm. Sunshine was confined to Jersey and the extreme north of Scotland. A severe SW. gale was felt on the western coasts, storm to hurricane force off the Mayo and Donegal coasts. In Shetland a strong SE. gale blew.

## The Conditions at 7h. Today

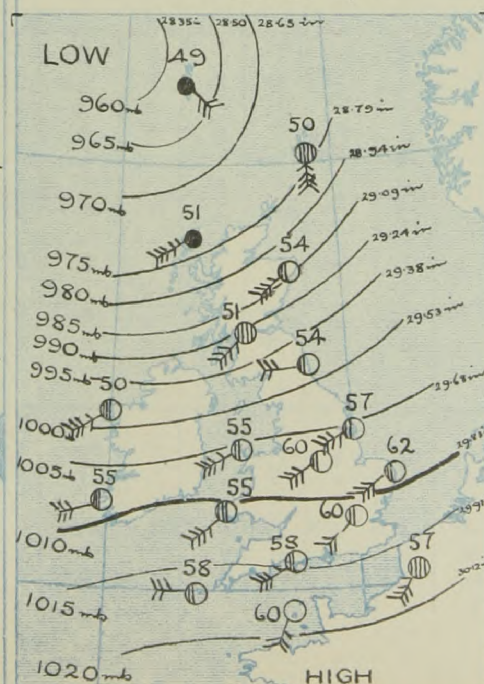
A high pressure system embraces the region from the Azores to North Africa and to Central Europe, while on its northern side an extensive and deep cyclonic system is centred between Scotland and Iceland. Another depression occupies the Macedonian region. In the main disturbance the cyclonic air circulation has the force of a strong wind to a strong gale over an extensive area, with severe squalls and heavy rain showers.

In the course of the day there was hardly any change in the pressure distribution, the 13h. map showing the centre of the northern depression moving slowly eastward towards the Farøe, and the SW. wind continuing strong to strong squally gale over the British Isles generally.

N.H.

SUNDAY, 6<sup>th</sup>

OCTOBER, 1918, at 13h. (1p.m.) G.M.T.



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

H.G. LYONS, Col., Director.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 279

SUNDAY  
6TH OCTOBER

STATIONS.	EVENING OF 5 <sup>TH</sup>					MORNING OF 6 <sup>TH</sup>										24 HOURS ENDED 7 <sup>TH</sup>							Sun- shine for 5 <sup>TH</sup> Hours.
	Barom. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	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.										Max.	Min.	Morning.	Afternoon.	Night.					
BRITISH ISLANDS.	Lerwick ...	994.1	46	W	6	cmp	978.2	-5	50	+5	SSW	7	S	cmp	6	4	50	44	cmp	cmp	omg	*	
	Deerness (Orkney) ...	994.6	49	S	4	o	976.6	*	50	+1	S	7	-	bq	6	2	51	49	b.c.	c.o.	o.c.b	4.9	
	Stornoway ...	990.0	50	S	7	odfg	967.7	-10	50	+2	S	8	-	org	6	15	55	39	b.c.f.g	c.odfg	org	2.4	
	Castlebay (Barraisd.) ...																						
	Glasgow ...	999.2	52	SSW	4	omr	989.8	-3	49	0	SW	6	W	ca	*	6	55	47	oaf	omr	odfg	0.0	
	Eskdalemuir ...	1001.5	51	SSW	7	omr	992.1	+1	48	+1	SW	7	-	o	*	30	52	o.ofm	omr	omr	0.0		
	Malin Head ...	?	53	SSW	7	omr	979.2	-5	50	0	SW	8	SW	cmp	7	5	54	43	cmp	omr	omr	0.0	
	Blacksod Point ...	989.8	55	S	9	omr	988.4	+4	50	0	SW	9	-	omr	8	17	55	48	omr	omr	omr	*	
	Valencia (Cahirciveen) ...	1000.0	55	SSW	7	o	1003.4	+7	52	-3	SW	7	W	b.c.f	7	24	57	50	c.o.	o	no.c	0.0	
	Roche's Point ...	1006.5	52	SW	6	r	1005.2	*	51	-3	WSW	5	-	b	6	14	56	51	r om	r	r.o.	*	
NORTHERN EUROPE.	Birr Castle ...	1000.8	54	S	3	r	993.4	*	50	-1	W	6	-	c	*	10	57	47	o	o	o.c.	0.0	
	Donaghadee ...	1000.7	54	SW	4	omr	990.6	0	49	-1	SW	8	SW	b.c.f	6	4	55	49	omr	omr	omr	*	
	Liverpool (Bidston) ...	1007.3	55	SW	5	o	999.7	0	53	+1	SW	7	W	b.c.f	5	6	58	52	o.o.	o.o.	b.c.f	0.1	
	Holyhead ...	1005.6	56	SW	7	org	999.6	+2	53	-1	WSW	6	W	ca	6	10	56	52	o.ofm	org	o.c.f	0.0	
	Pembroke (St. Ann's) ...	1010.3	56	SW	7	r	1006.6	+5	55	+1	WSW	6	W	ca	7	14	56	54	o.c.f	o.c.f	o.c.f	0.0	
	Hartland Quay ...	1014.0	57	SSW	8	m	1010.4	+4	57	+2	WSW	7	SW	cm	6	10	58	55	omr	omr	omr	*	
	Scilly (St. Mary's) ...	1016.5	56	SW	6	r	1012.6	+3	55	0	W	6	W	ca	6	4	58	54	c.o.	o	o.c.f	0.0	
	Falmouth ...	1016.4	55	SSW	6	omr	1012.1	+6	53	-1	WSW	3	-	b.c	*	8	58	52	c.o.	o	o.c.f	0.1	
	Jersey (St. Aubin) ...	1022.0	58	SW	5	o	1016.7	*	57	+4	SW	5	-	o	4	1	60	53	b.c.	c.o.	o.c.f	4.7	
	Portland Bill ...	1017.1	56	SW	7	o	1010.6	-2	55	-1	SW	8	-	o	6	3	57	54	c.o.	o	o.c.f	*	
FRANCE, &c.	Dungeness ...	1017.6	57	WSW	6	ca	1011.8	-2	57	+6	SSW	6	SW	ca	5	1	58	54	ca	ca	c.f.c.	*	
	Wick ...	995.5	50	SW	5	o	977.4	-5	51	+3	SSW	6	-	b	5	0.1	53	48	b.c.f	b.c. omr	o.c.f	*	
	Nairn ...	994.3	49	W	2	ca	977.9	*	49	+3	SW	5	-	c.f.g	3	2	54	44	h.c.b	b.c.c.	q.c.f	4.4	
	Aberdeen ...	999.0	50	S	2	o	984.7	-1	53	+6	SSW	4	-	b.c	4	0.2	55	46	b.c.f	c.o.	o.c.f	3.1	
	Leith ...	999.0	54	SW	3	r	987.9	0	51	+4	SW	6	-	c	4	2	57	47	c.f.o.c	c.f.o.	o.c.f	*	
	Tynemouth ...	1004.1	54	SSW	3	m	994.0	+1	55	+6	WSW	5	W	ca	3	-	56	48	omr	omr	omr	*	
	Spurn Head ...	1009.3	55	WSW	4	org	1001.8	0	55	+7	WSW	6	-	org	5	1	56	46	org	org	org	0.0	
	Yarmouth (Gorleston) ...	1013.0	54	WSW	5	oaf	1007.0	-3	55	+11	SW	7	-	org	7	2	56	43	omr	o.c.f	o.c.f	0.0	
	Clacton-on-Sea ...	1016.3	54	SW	3	org	1010.6	-2	55	+7	SSW	4	SW	org	4	1	56	47	org	org	org	0.0	
	Nottingham ...	1010.9	57	SW	3	o	1003.6	*	55	+6	SW	5	SW	b.c	*	5	57	49	r	r.o.	o	0.0	
IBERIA, &c.	Benson (Oxon.) ...	1015.4	55	SSW	3	o	1008.5	0	55	+8	SSW	5	-	o	*	1	57	47	o	o	o	*	
	Sth Farnborough ...	1017.2	54	SW	6	o	1010.4	-2	55	+5	SW	7	-	omr	*	2	57	50	o.o.	o.o.	o.c.f	0.0	
	Salisbury Plain ...	1016.7	54	SW	5	c	1009.9	0	56	+5	SW	6	SW	o	*	6	57	51	o.c.f	o.c.f	o.c.f	0.0	
	London (Kew Obs.) ...	1016.9	55	SW	4	o	1010.1	-1	56	+8	SW	6	-	o	*	2	64	48	o.c.f	o.c.f	o.c.f	0.0	
	Spitsbergen ...	1004.6	46	S	4	o	1000.2	-3	43	0	NW	4	*	o	*	4	46	37					
	Vardö ...	1006.1	43	-	0	o	997.2	-3	41	-5	E	1	-	b	1	?	46	37					
	Bodö ...	1000.6	48	-	0	c	995.0	-4	43	-2	ENE	3	-	b	2	-	56	39					
	Christiansund ...	1000.4	50	S	2	o	993.9	-6	52	+4	SSE	5	-	r	4	10	52	46					
	Skudesnaes ...	1000.2	52	WSW	5	b	1001.9	+0	50	-2	SW	5	-	c	3	-	52	48					
	Færder (Kjellerfjord) ...	1004.7	50	SW	2	b.c	1003.9	0	50	0	SSW	3	-	o	3	-	54	45					
MEDITERRANEAN.	Blaavands Huk ...	1007.3	54	WNW	4	o	1009.6	-1	55	+5	WSW	3	-	o	*	3	55	48					
	Copenhagen ...	1010.3	50	WSW	3	o	1010.4	+1	52	+6	SW	3	-	m	*	6	52	43					
	Bornholm ...	1010.9	48	WNW	5	c	1011.9	+3	50	+4	WSW	4	W	c	1	5	50	43					
	The Helder ...	1012.7	55	SW	7	r	1011.3	-1	54	+2	SSW	7	-	o	4	12	55	52					
	C. Gris Nez ...	1019.0	57	SW	6	o	1014.0	-0	54	+4	SW	6	*	o	6	?	59	50					
	La Hève ...	1023.0	55	WSW	4	o	1022.1	*	57	+9	SW	5	*	o	5	-	57	48					
	Brest (St. Mathieu) ...	1022.7	57	SSW	4	o	1017.3	-1	57	0	SW	6	*	o	*	59	52						
	Rochefort (Ile d'Aix) ...	1027.1	55	SW	1	b	1023.9	0	54	+9	S	5	*	r	*	64	45						
	Biarritz ...	1026.0	57	NNE	2	b							*										
	Paris ...	1024.8	48	SW	2	o	1023.4	+2	46	+7	S	3	-	o	*	61	39						
MEDITERRANEAN.	Belfort ...	1026.7	46	SW	1	b	1027.4	*	41	-7	W	2	*	c	*	59	37						
	Lyons ...	1027.1	50	NW	1	b	1027.0	*	43	-5	-	0	*	b	*	59	39						
	Nice ...	1018.4	57	-	0	b	1023.5	+2	61	+6	-	0	*	b	*	68	50						
	Perpignan ...	1022.0	61	NW	3	b	1024.2	+1	64	+5	W	1	*	c	*	68	57						
	Sanguinaire ...	1014.9	68	N	3	b.c	1020.4	*	64	+1	E	2	*	b	*	75	59						
	Corunna ...	1025.3	61	N	1	c	1028.2	+2	57	+7	SW	2	W	o	3	-	64	50					
	Madrid ...												*										
	Lisbon ...	1023.7	72	NNE	2	b	1027.9	+3	61	0	N	1	-	b	5	-	73	57					
	Azores (Horta) ...	1023.9	*	SW	4	m							*										
	(P. Delgada) ...	1025.6	*	SW	2	c	1027.7	0	66	+5	SW	4	*	m	4	1	70	59					
MEDITERRANEAN.	Madeira ...	1023.0	72	NE	3	b.c	1027.9	+0	61	-3	NE	3	N	b	3	-	72	59					
	Gibraltar ...												*										
	Palma ...												*										
	Algiers ...	1023.4	63	-	0	b	1025.5	+1	63	-	-	0	-	b	3	12	68	59					
	Malta ...	*	*	*	*	*	1016.7	+1	68	-4	WNW	4	-	b.c	3	7	75	64					
	Salonica ...	1012.7	64	SE	1	b.c	1012.6	0	65	0	N	1	-	o	*	72	62						
	Athens ...	1013.5	7																				

## 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

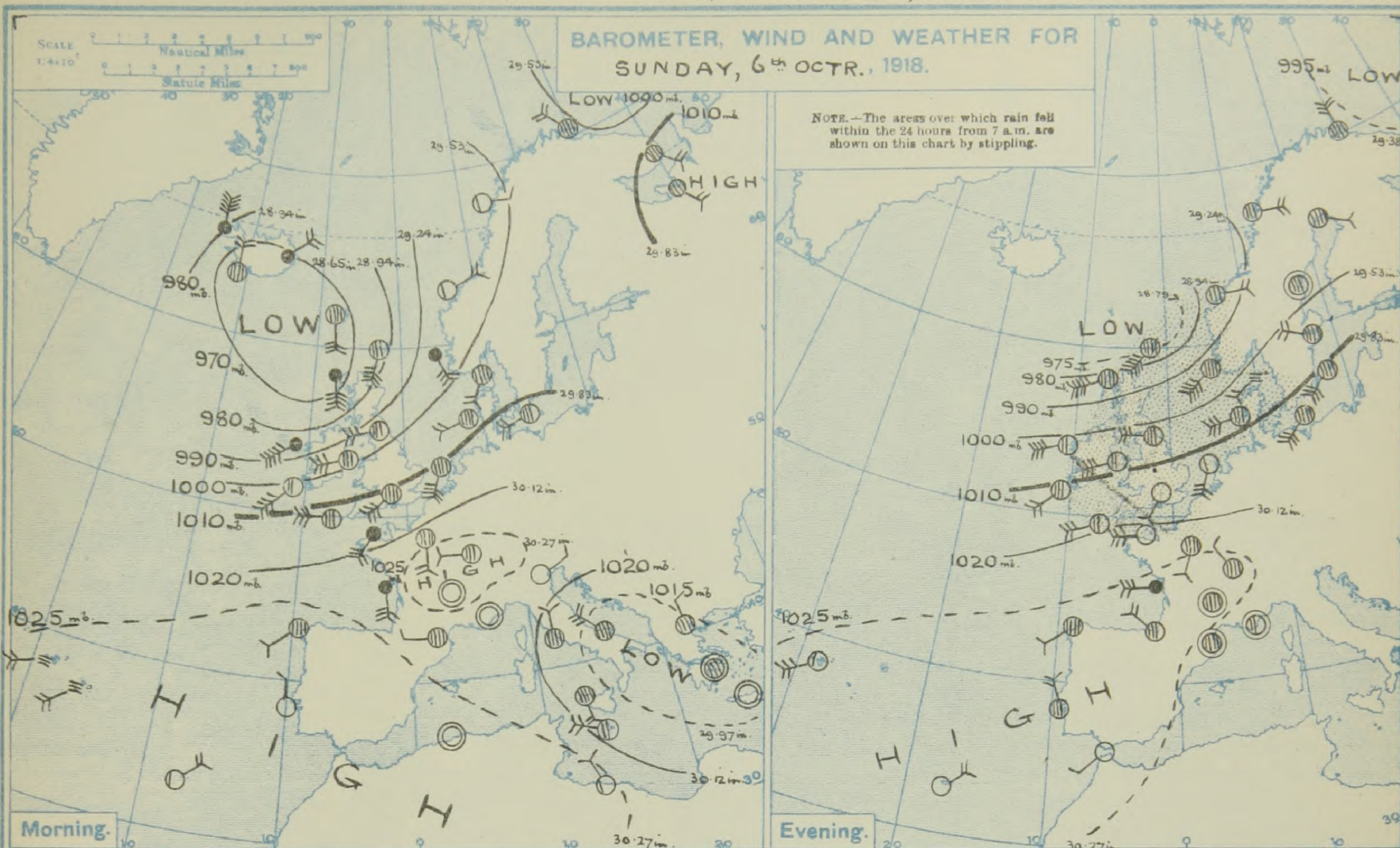


# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,773

MONDAY, 7<sup>th</sup> OCTOBER, 1918.

## BAROMETER, WIND AND WEATHER FOR SUNDAY, 6<sup>th</sup> OCTR., 1918.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 6<sup>th</sup> OCTOBER.

STATIONS.		EVENING OF 5 <sup>TH</sup>					MORNING OF 6 <sup>TH</sup>										MORNING OF 6 <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.				
RUSSIA.	Archangel ...														*		Isafjord ...	982.0	37	+1	N	9	r
	Petrograd ...														*		Reykjavik	971.6	39	+2	NNW	8	o
	Moscow ...														*		Vestmanna	966.3	41	+2	N	4	o
SWEDEN.	Hernösand ...						*						*	*	*		Seydisfjord	970.0	41	+9	NE	4	r
	Stockholm ...						*						*	*	*		Thorshavn	966.0	48	+6	S	5	o
	Wisby ...						*						*	*	*		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM						
ITALY.	Venice ...	1020.1	59	9	9	b	1025.0	*	54	ENE	1	b	—	66	50	7 <sup>TH</sup> & 8 <sup>TH</sup> OCT. 1918.							
	Turin ...	1021.0	54	—	0	b	1024.7	*	48	—	0	b	—	64	45	Sunrise.		Noon.		Sunset.			
	Pesaro ...	1018.3	63	NE	7	o	1023.1	*	7	?	?	b	—	66	57	G.M.T.		G.M.T.		G.M.T.			
	Leghorn ...	1018.1	59	—	0	b	1021.4	*	9	?	?	m	—	64	55	Yarmouth ...	6.6	11.41	5.16	5.14			
	Rome ...	1013.3	61	NNE	3	o	1017.3	*	59	N	2	o	3	63	57								
	Viesti ...	990.6	59	NW	6	b	1014.7	*	59	NW	5	o	32	64	54	Greenwich ...	6.8	11.41	5.16	5.14			
	Brindisi ...						1012.9	*	61	NW	2	c	?	72	61								
	Cagliari ...							*								Wick ...	6.12	11.48	5.24	5.22			
	Palermo ...							*															
Tripoli ...							*								Valencia ...	6.32	12.0	5.28	5.25				
							*																
							*									6.35	12.0	5.25	5.25				
							*																
							*									6.53	12.29	6.5	6.5				
							*																
							*									6.55	12.29	6.5	6.5				
							*																

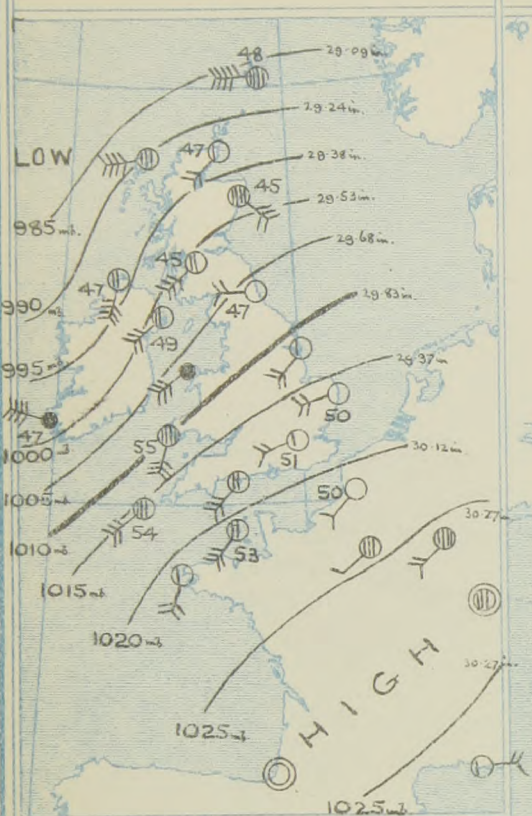
LONDON 7 <sup>TH</sup> OCTOBER 9h. G.M.T.			HUMIDITY.		Sun- shine for 6 <sup>TH</sup>	24 HOURS ENDED 9 A.M. 7 <sup>TH</sup>							SOUTH KENSINGTON (M.O.)  Vertical Component of Solar Radiation per square Centimetre during .....		
			15 h. 9 h.			TEMPERATURE.			Rain- fall.	WEATHER.					
			6 <sup>TH</sup>	7 <sup>TH</sup>		Max.	Min.	Min. on Grass.		Morning.	Afternoon.	Night.			
			%	%	Hours.	°F.	°F.	°F.	mm.				Total.	Average Rate.	Max. Rate.
GREENWICH (Royal Observatory) .. ..			50	92	6.0	64	47	38	—	odo	bc	od.	Joules.	Milliwatts.	Milliwatts.
CITY (Bunhill Row) .. .. .			*	*	5.1	*	*	*	*	*	*	*	—	—	—
WESTMINSTER (St. James's Park) .. ..			62	94	5.7	64	50	42	0.2	*	*	*			
" (Roof near Charing X) .. ..			68	86	5.7	62	50	—	trace	bq	bcq	b.bco bq			
CAMDEN SQ. (British Rainfall) .. ..			—	83	5.4	65	47	41	—	*	*	*			
KENSINGTON PALACE .. .. .			47	79	5.8	64	49	40	—	bc	bc	*			
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.															

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



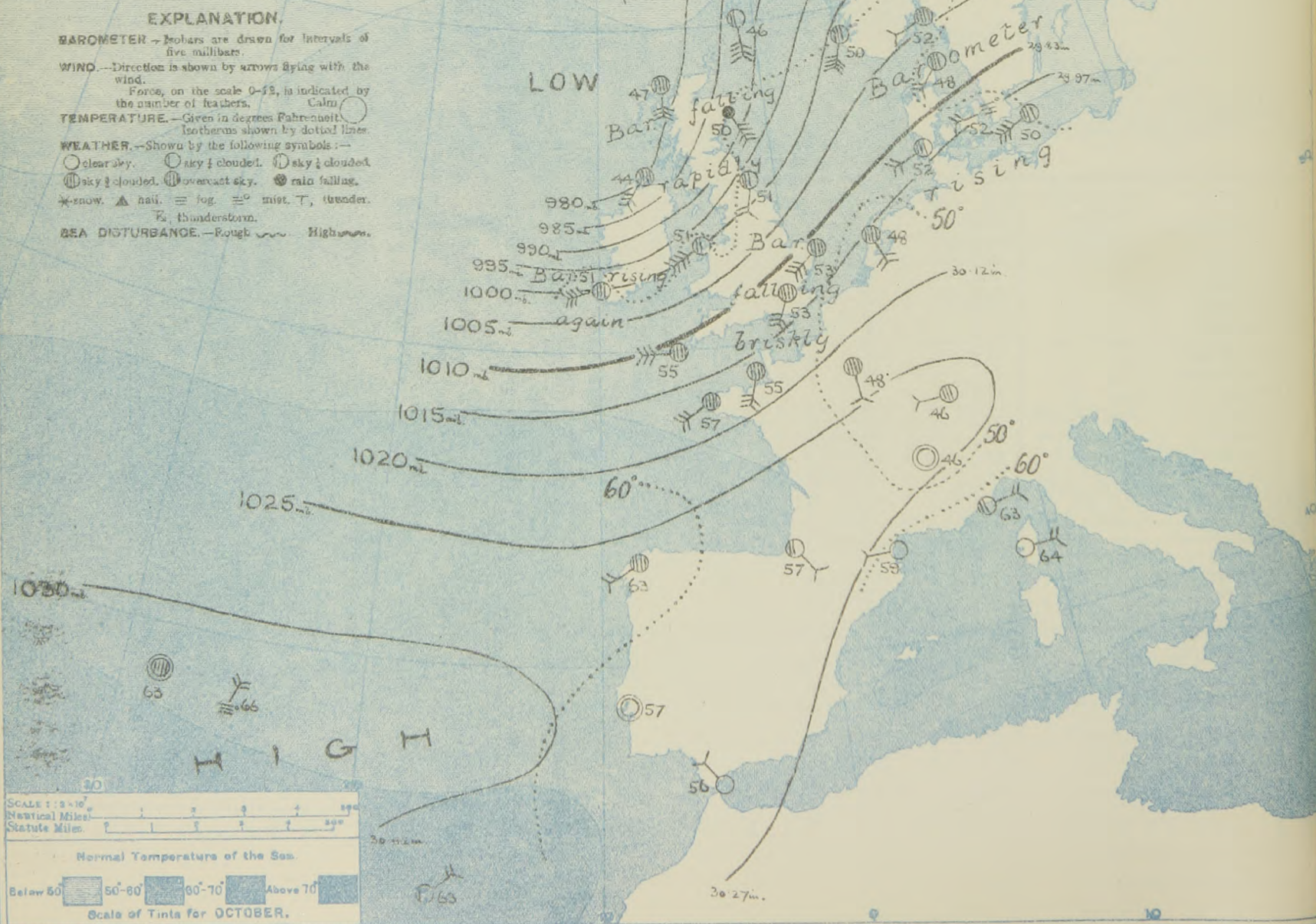
7<sup>th</sup>, OCT, at 1h. G.M.T.

THE MORNING OF MONDAY, 7<sup>th</sup> OCTOBER 1918, at 7h. G.M.T.



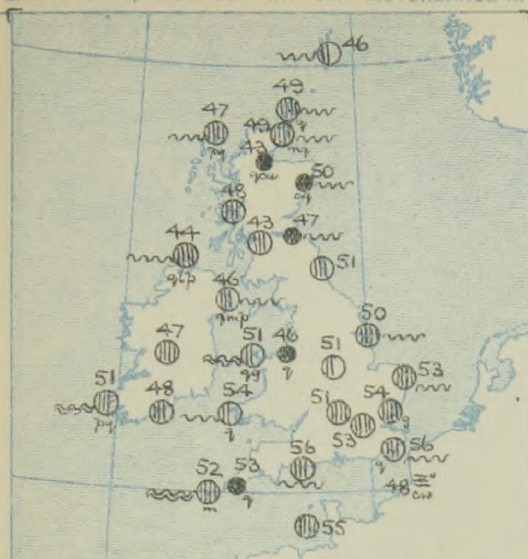
# EXPLANATION.

**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. ⚡ thunder.  
 ⚡ thunderstorm.  
**SEA DISTURBANCE**—Rough High



SCALE 1:250,000  
 Nautical Miles  
 Statute Miles  
 Normal Temperature of the Sea.  
 Below 50° 50°-60° 60°-70° Above 70°  
 Scale of Tints for OCTOBER.





## GALES.

## LERWICK.

10h. - 18h. (6h) S 9 at  
Noon, SW 9 at 17h.

## STORNOWAY.

7h. (6h) - 17h. (7h)  
WSW. Force 10 in  
squalls.

## ESKDALEMUIR.

WSW 8 at 14h. (6h)  
27 metres per sec. in  
gusts.

## BLACKSOD POINT.

7h. to 16h. (6h)  
SSW. 11 in squalls.

## DONAGHADEE.

WSW 9 15h. (6h)  
Gale continuing.

## QUEENSTOWN.

1h. to 7h. (7h) Ex. W. 11.

## LIVERPOOL.

Extreme WSW. 28  
metres per sec. 18h. (6h).

## HOLYHEAD.

WSW 8 in squalls, 18h.

## SOUTHPORT.

8h. to 14h. and 17h. to  
20h. (6h) Extreme  
SW 9. Gusts 63 m.p.h.  
7h. (7h) - SW. 8.

## LOUGH FOYLE.

13h. to 18h. (6h).  
Extreme W by S. 12 to 14h.

## QUEENSTOWN.

9h. to 16h. (6h).  
Extreme WSW. 9 at 13h.

## BANTRY.

SW. 8, 3h. to 7h.  
Extreme S.W. 9 at 6h.

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

High winds or gales from S. and SW. were experienced on many parts of our western and northern coasts. Rain fell except at some eastern and south-eastern stations, but the amount was not generally large, the highest value reported being 15 mm. at Glasgow. Fair records of sunshine were obtained except in Ireland and the North of Scotland. Temperature rose to about 60° over a large portion of England.

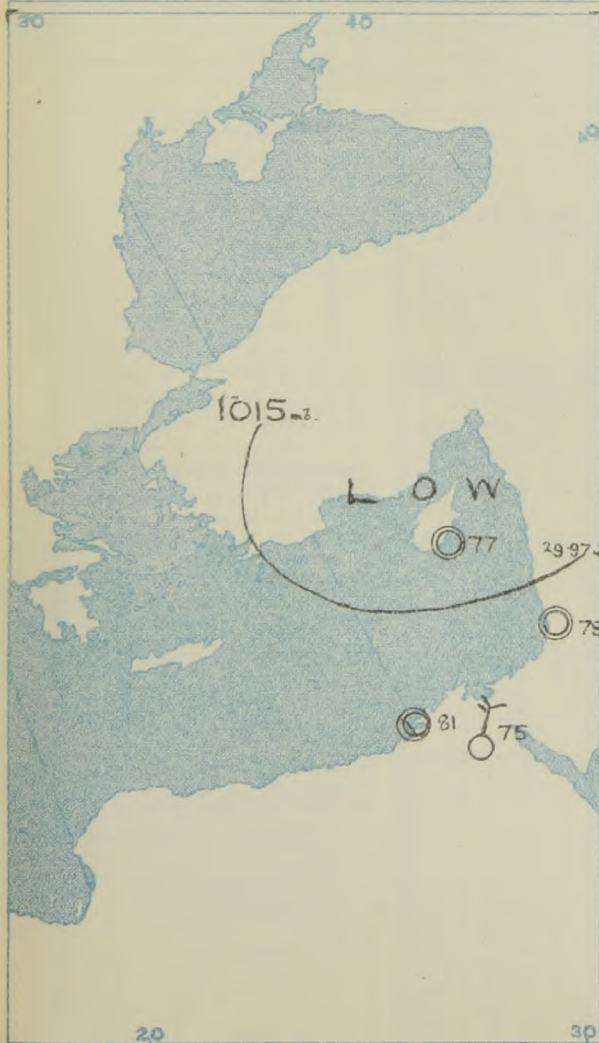
## The Conditions at 7h. Today

A deep depression which caused a rapid fall of the barometer in Ireland during the night is now centred off the west of Scotland, and appears to be moving in a north-easterly direction. Pressure is highest over the Azores region, and relatively high thence to France. The wind is fresh to high from S. or SW. very generally over the British Isles, and attains gale force on some parts of the western coasts, and also at Wick. Rain is falling in various places, and the sky is overcast in nearly all parts of the United Kingdom.

## The Outlook

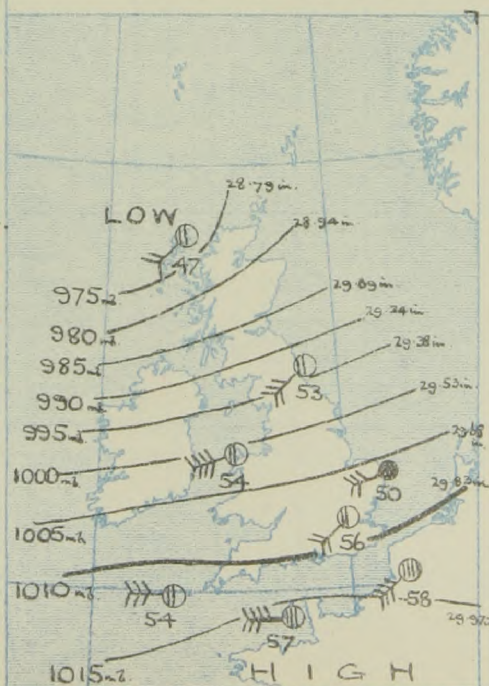
With the present distribution of barometric pressure it is to be expected that further depressions from the Atlantic will pass over or to the northward of the British Isles, causing the unstable weather conditions to continue.

H.W.



MONDAY, 7th

OCTOBER, 1918, at 13h. (1p.m.) G.M.T.



The barometer has now begun to rise except in the north. A line squall passed over England during the morning. Strong or high winds from WSW. still prevail over a large area.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No 280. MONDAY, 7TH OCTOBER

STATIONS.	EVENING OF 6TH					MORNING OF 7TH										24 HOURS ENDED 7TH					Sun- shine for 6TH Hours		
	Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.	Force 0-12.	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	974.6	48	SW	9	omqb	989.6	-3	46	-4	S	7	-	bcqm	6	1	51	42	cmq	ombq	cmq		
	Deerness (Orkney)	980.3	50	SW	7	og	983.4	*	49	-1	SE	7	-	og	6	1	53	45	bcbp	og	ocog	2.8	
	Stornoway	982.7	49	WSW	9	og	977.8	-10	47	-3	S	6	-	obq	5	10	51	42	ocobq	og	copq	0.3	
	Castlebay (Barra)	997.3	46	WSW	6	cq	988.5	-14	43	-6	SSW	4	SW	c	*	15	52	42	cobq	opq	both	1.3	
	Glasgow	1001.1	44	SW	6	c								*				otoag	rhqcy				
	Eskaudemuir	1002.0	49	WSW	7	bcm	979.6	-6	44	-6	SSW	5	-	ogrp	6	5	52	42			cqrp	1.8	
	Blackod Point	1002.0	49	WSW	7	bcm													bcmqb	bcmqb			
	Valencia (Cahirciveen)	1010.6	52	SW	4	c	1001.1	+4	51	-1	WSW	7	SW	cbq	7	12	56	45	bcbp	cbp	corcb	6.2	
	Roche's Point	1012.7	52	WSW	2	b	1003.5	*	48	-3	W	5	W	c	6	3	56	46	bcbp	bcbp	bcbp		
	Birr Castle	1008.6	49	W	2	c	994.4	*	47	-3	SW	6	-	o	*	11	53	43	cqh	cqh	ogp	3.7	
	Donaghadee	1002.4	46	WSW	8	bcqpm	988.3	-5	46	-3	SW	7	SW	cmqb	5	7	54	44	bcqb	bcbp	omq		
	Liverpool (Bidston)	1008.4	50	WSW	7	bc	1000.5	-7	46	-7	SW	7	W	ogp	5	4	57	46	ba	phqc	copq	7.6	
	Holyhead	1008.4	51	WSW	7	bcq	997.5	-0	51	-2	SW	8	W	bcqg	7	4	57	48	cfcq	bcbp	bcbp	7.0	
	Pembroke (St. Ann's)	1013.6	55	WSW	7	cqu	1004.1	-1	54	-1	S	7	SW	bcq	6	5	55	49	cq	cq	opq	6.7	
	Hartland Quay	1017.7	56	WSW	6	bm													cpmcm	bcmhm			
	Scilly (St. Mary's)	1018.8	54	WSW	5	bcm	1011.0	-3	52	-3	W	6	W	om	7	4	58	50	bcq	bcmq	opqm	8.2	
	Falmouth	1019.2	53	WSW	4	b	1010.2	-4	53	0	WSW	6	-	rq	*	2	60	51	bqy	bqym	bcbq	7.3	
	Jersey (St. Aubin)	1021.7	57	W	6	b	1016.6	*	55	-2	SSW	5	-	o	4	0.4	62	54	ogd	b	bc	4.6	
	Portland Bill	1017.6	57	W	6	bc	1011.5	-5	56	-1	SW	6	-	cq	6	4	59	52	or	bc	cqr	*	
	Dungeness	1016.8	57	WSW	5	b	1013.9	-7	56	-1	SW	6	-	cq	5	1	61	52	orcq	qc b	bdcq	*	
NORTHERN EUROPE.	Wick	984.3	47	SW	6	o	983.6	-13	49	-2	SSE	8	-	omq	6	2	54	44	bcog	bc omq	opbq	*	
	Nairn	986.9	46	WSW	4	o	982.6	*	43	-6	SW	5	-	rqou	4	7	50	42	qrc	qrou	qcpo	1.5	
	Aberdeen	991.9	47	SW	5	bcq	987.0	-14	50	-3	SSE	7	-	org	5	1	55	44	bcq	bcqb	bcog	5.2	
	Leith	996.1	48	SW	7	o	988.6	+2	47	-4	SW	5	-	r	5	7	55	45	cqpc	cpcqo	ogq	*	
	Tynemouth	1001.8	48	W	5	cmqb	995.3	-11	51	-4	SSW	3	-	cm	4	3	56	44	bcqb	cmqb	bcmq	*	
	Spurn Head	1009.6	51	W	5	bcqb	1005.1	-4	50	-5	S	6	-	og	5	0.2	58	45	bcqr	bcqr	bcog	7.2	
	Yarmouth (Gorleston)	1012.9	55	WSW	5	bq	1012.3	-4	53	-2	SW	6	-	o	6	-	53	46	ogbc	bcqb	bqo	5.9	
	Clacton-on-Sea	1015.2	56	SW	3	bc	1012.5	-5	54	-1	S	4	-	og	3	-	62	51	ogbcz	bcz	bcbq	4.8	
	Nottingham	1011.8	50	SW	3	b	1005.1	*	51	-4	SSW	5	SW	bc	*	2	60	44	bcp	b bcp	cop	7.7	
	Benson (Oxon.)	1015.9	51	SW	2	b	1011.1	*	51	-4	SSW	4	-	o	*	0.4	61	46	bc	b	dop	*	
FRANCE, &c.	Sth Farnborough	1016.9	52	SW	6	b	1011.4	-8	54	-1	SW	6	-	o	*	1	62	46	bcqb	bcqb	bcbq	6.5	
	Salisbury Plain	1017.3	49	WSW	1	b	1010.6	-7	52	-4	SSW	2	SW	o	*	1	60	46	bcq	c bcb	bq bcb	6.5	
	London (Kew Obs.)	1016.5	55	SW	2	bz	1011.5	-7	53	-3	SSW	5	-	o	*	1	62	48	ootbc	bc bz	by bcb	5.9	
	Spitsbergen													*									
	Vardö	995.7	41	N	5	o	996.7	+0	37	-6	NNW	5	-	o	4	*	43	41					
	Bodö	991.0	46	E	4	c	989.5	+1	41	0	E	2	-	o	2	7	48	39					
	Christiansund	984.6	52	E	3	c	992.7	+5	48	+5	SW	3	-	c	2	2	54	39					
	Skudesnaes	993.9	52	SW	8	o	1001.5	+2	50	-2	SSW	7	-	c	6	7	54	48					
	Fæder (Xiania Fjord)	999.1	54	SSW	8	b	1004.7	+5	52	+2	WSW	2	-	o	4	2	54	50					
	The Scaw (Skagen)	1003.4	52	SW	3	m	1008.3	+5	48	-2	SW	3	SW	c	3	5	55	46					
IBERIA, &c.	Blaavands Huk	1008.4	55	WSW	6	c	1013.7	+3	52	-3	WSW	4	W	c	*	1	57	46					
	Copenhagen	1012.7	52	SW	3	r	1016.0	+4	52	0	W	3	-	m	*	1	54	48					
	Bornholm	1013.7	50	SW	6	o	1016.3	+2	50	0	WSW	7	-	c	1	trace	52	48					
	The Helder	1013.6	55	SSW	5	b	1015.4	-3	48	-6	SSE	4	-	o	2	trace	57	48					
	C. Gris Nez	1017.2	57	SW	7	b	1016.7	-4	52	-2	NW	5	*	o		61	50						
	La Hève	1021.0	57	WSW	4	bc	1019.3	*	50		SW	4		bc	4	1	59	48					
	Brest (St. Mathieu)	1023.7	57	W	3	b	1017.2	-3	57	0	SW	5		o		61	55						
	Roche fort (le d'Aix)																						
	Biarritz	1027.5	63	NW	3	c	1025.7	-1	57		SE	2	*	bc	*	70	55						
	Paris	1022.4	57	S	2	o	1021.7	-2	48	-2	S	2		o	*	trace	61	46					
MEDITERRANEAN.	Belfort	1026.3	50	NW	1	o	1027.3	*	46	+5	W	2	*	c	*	59	39						
	Lyons	1026.7	54	-	0	o	1026.9	*	46	+3	-	0	*	b	*	59	43						
	Nice	1021.2	59	-	0	bc	1021.0	+0	63	+2	E	3	*	bc	*	68	55						
	Perpignan	1024.2	63	-	0	o	1024.4	-1	59	-5	W	2	*	b	*	72	54						
	Sanguinaire	1020.3	66	NW	3	bc	1020.3	*	64	0	E	3	*	b	*	77	54						
	Corunna	1027.0	66	SW	2	o	1026.7	+0	63	+6	SW	3	-	o	3	trace	68	57					
	Madrid																						
	Lisbon	1028.4	68	NNW	3	c	1029.6	+1	57	-4	-	0	-	b	6	75	55						
	Azores (Horta)	1027.7	*	WSW	5	b	1031.9	+1	63	?	-	0	*	o	2	75	63						
	" (P. Delgada)	1030.4	*	W	2	o	1031.0	+2	66	0	NNE	4	*	m	4	70	64						
MEDITERRANEAN.	Madeira	1026.9	72	NE	3	b	1026.6	+0	63	+2	NE	3	-	b	3	73	63						
	Gibraltar	1028.1	64	SW	1	b	1027.1	*	56		NW	2	*	b	0	75	55						
	Palma																						
	Algiers																						
	Malta																						
	Salonica																						
	Athens																						
	Candia																						
MEDITERRANEAN.	Limassol						1013.2	+1	77	+7	-	0	-	b	0	88	63						
	Alexandria	1017.0	77	N	1	b	1016.8	+1	81	0	-	0	-	b	0	86	72						
	Cairo (Telwan)	1015.5	799																				

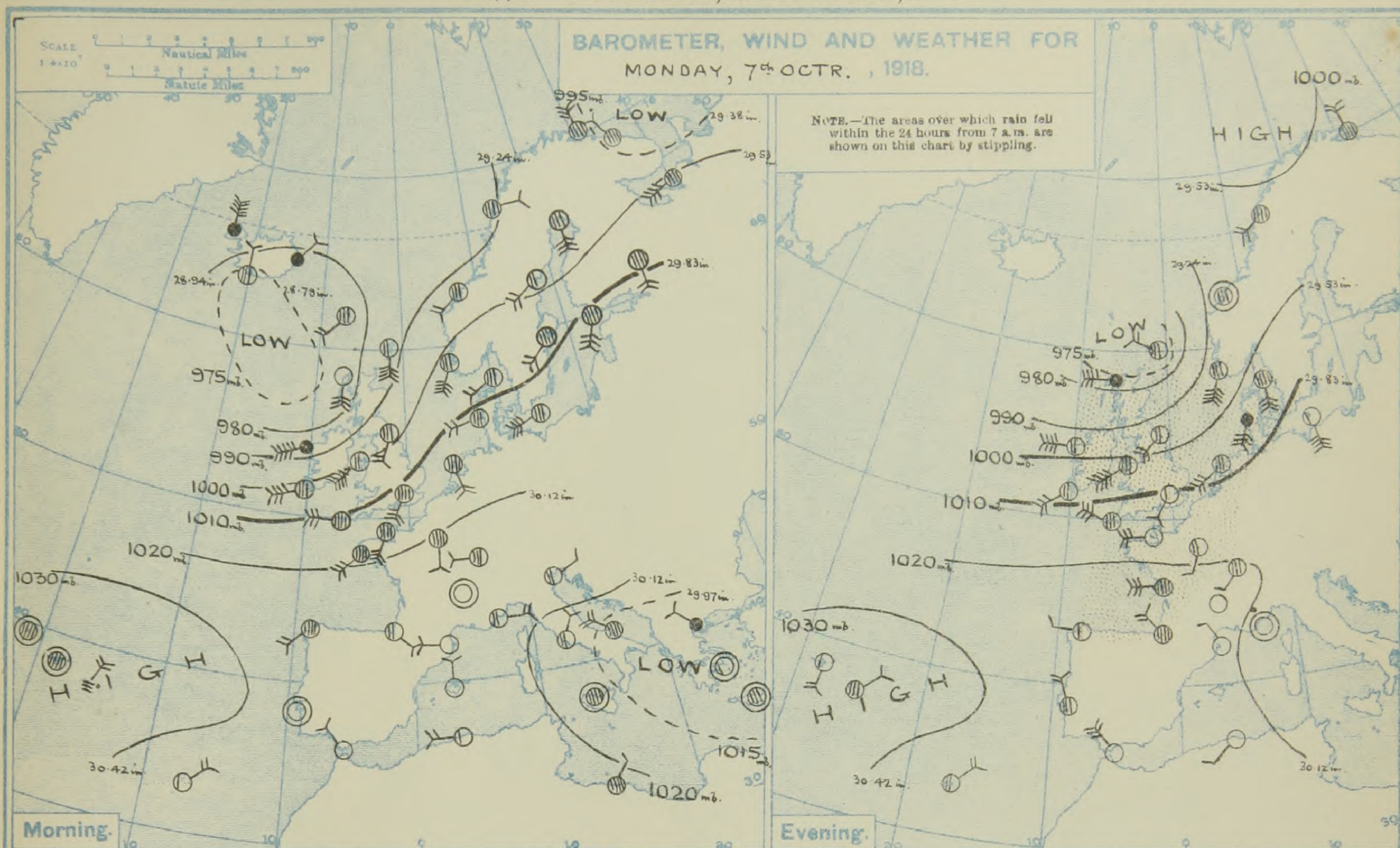
## THE BEAUFORT SCALE OF WIND FORCE.

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.

No. 20,774. TUESDAY, 8<sup>th</sup> OCTOBER, 1918.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 7<sup>th</sup> OCTOBER.

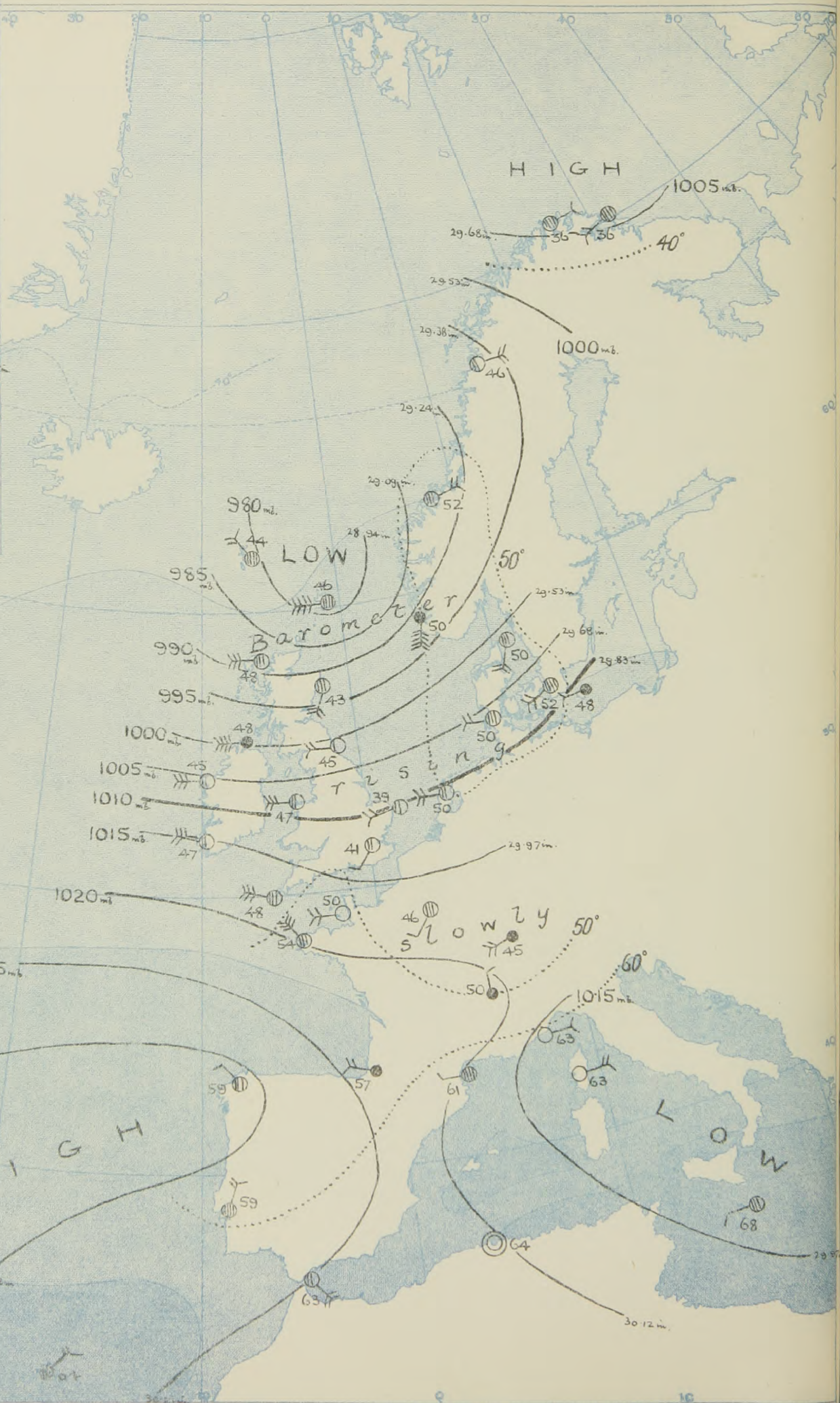
STATIONS.		EVENING OF 6 <sup>TH</sup>					MORNING OF 7 <sup>TH</sup>										MORNING OF 7 <sup>TH</sup>						
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND		Weather.	BAROMETER.		TEMP.		WIND.		Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.		Weather.	
				Dirac.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours. ° F.	Dirac.	Force 0-12.		Weather.	Max.			Min	Dry Bulb.	Change in 24 hours.	Dirac.		Force 0-12.
RUSSIA.		° F.												° F.	° F.			° F.	° F.				
Archangel ...	...					1003.5	+2	45	?	W	5	r	9	*	*	Isafjord ...	987.8	37	0	N	9	r	
Petrograd ...	...															Reykjavik	977.2	46	+7	NNE	7	o	
Moscow ...	...														*		Vestmanna	974.0	41	0	N	2	c
SWEDEN.																							
Hernösand ...	...					996.6	*	48		SW	4	bc	*	*	*	Seydisfjord	978.0	41	0	NE	2	r	
Stockholm ...	...					1008.3	*	50		SW	4	o	*	*	*	Thorshavn	977.6	45	-3	SW	3	c	
Wisby ...	...					1013.2	*	50		SW	4	c	*	*	*	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM							
ITALY.																8 <sup>TH</sup> & 9 <sup>TH</sup> OCT., 1918.	Sunrise.	Noon.	Sunset.				
Venice ...	...	1022.7	57	NNW	1	b	1022.1	*	55	+1	ENE	1	bc	-	64	48		G.M.T.	G.M.T.	G.M.T.			
Turin ...	...	1022.9	55	-	0	b	1022.3	*	55	+7	-	0	b	-	64	48	Yarmouth ...	6.8	11.41	5.14			
Pesaro ...	...	1022.1	63	N	4	b	1021.5	*	59	?	NW	3	bc	-	66	54	Greenwich ...	6.9	11.40	5.11			
Leghorn ...	...						1019.7	*	63	?	-	0	b	-	68	52	Wick ...	6.14	11.48	5.22			
Rome ...	...	1018.6	59	N	2	b	1017.5	*	79	+20	-	-	bc	-	?	?	Valencia ...	6.15	11.47	5.19			
Viesti ...	...						?	*	61	0	NW	4	o	-	64	52		6.35	12.0	5.25			
Brindisi ...	...	?	64	ESE	4	r	1012.9	*	63	?	NW	2	c	?	72	61		6.37	11.59	5.22			
Cagliari ...	...																						
Palermo ...	...	1018.7	59	-	0	c	1015.8	*	63	-9	?	?	o	12	70	57		6.55	12.29	6.3			
Tripoli ...	...						1022.9	*	72	-1	NE	1	o	-	93	70		6.56	12.28	6.0			

LONDON				24 HOURS ENDED 9 h. 8 <sup>th</sup>										SOUTH KENSINGTON (M.O.)		
8 <sup>th</sup> OCTOBER 9h. G.M.T.				Humidity.		Sun-shine for 7 <sup>th</sup>	TEMPERATURE.			Rain-fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during 7 <sup>th</sup>		
		15 h.	9 h.	7 <sup>th</sup>	8 <sup>th</sup>		Max.	Min.	Min. on Grass.		Morning.	Afternoon.	Night.	Total.	Average Rate.	Max. Rate.
GREENWICH (Royal Observatory)		69	78	3.2	58	39	29	3	or	bc	c					
CITY (Bunhill Row)		*	*	3.2	*	*	*	*	*	*	*	*	*			
WESTMINSTER (St. James's Park)				3.8	58	39	32	5	x	x	x					
" (Roof near Charing X)		74	80	3.5	56	48	-	4	omr	q	bc	bc				
CAMDEN SQ. (British Rainfall)		56	84	2.5	58	38	34	3	or	bc	c	*				
KENSINGTON PALACE		53	77	3.8	57	39	27	5	o	bc	bc	b	*			

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



THE MORNING OF TUESDAY, 8<sup>th</sup> OCTOBER 1918, at 7h. G.M.T.



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

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

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

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

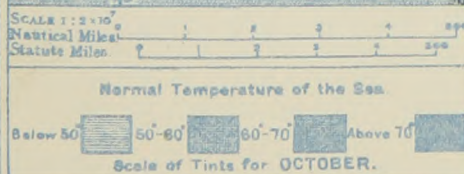
Isotherms shown by dotted lines

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

☉ clear sky    ☉☁ sky & clouded.    ☁☉ sky & clouded.  
☁☉ sky & clouded.    ☁☁ overcast sky    ☁ rain falling.  
\* snow    ▲ hail.    = fog.    ° mist.    T. thunder.

B. thunderstorm.

**SEA DISTURBANCE.**—Rough    High





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

The wind continued to be a gale on several points of the north-western and northern coasts, and a strong breeze to high wind in most other exposed localities. Showers fell very generally; but over the Kingdom as a whole the rain measurement was less than 10 mm. Hail was experienced at many western and northern stations, lightning was observed in a wide area, and thunder occurred in Scotland and the South-west of Ireland. Temperature remained below 60° except at Jersey and Dungeness, and fell to 34° during the night at Benson and South Farnborough.

GALES.LERWICK.

W. 8 at 7h. continuing.

GLASGOW.

4h. &amp; 17h. (7h) SW. 9 at 6h; WSW 9 at 14h.

MALIN HEAD.

9h. (7h) &amp; 7h. (8h), continuing; W. 9 in afternoon (7h)

LOUGH FOYLE.

1h. &amp; 7h. (8h) W. by N. 11 at 5h.

BLACKSOD POINT.

W. 8 at 18h. (7h) 14h. &amp; 24h. (7h)

DONAGHADEE.

9h. &amp; 19h. (7h) WSW. 9 at 11h.

SOUTHPORT.

9h. &amp; 17h. (7h) SW. - W.

Ex. force 9 at 11h.

Gusts 72 m.p.h.

HOLYHEAD.

7h. &amp; 18h. (7h)

W. 9 at 16h. 25 metres p. sec.

SCILLY.

WNW 8 in squalls

15h. and 17h. (7h)

DUNGENESS.

11h. &amp; 14h. (7h) SW.

ABERDEEN.

Gusts 25 metres per sec

from SW. at 18h. (7h)

LEITH.

8h. &amp; 17h. (7h) SW.

BANTRY.

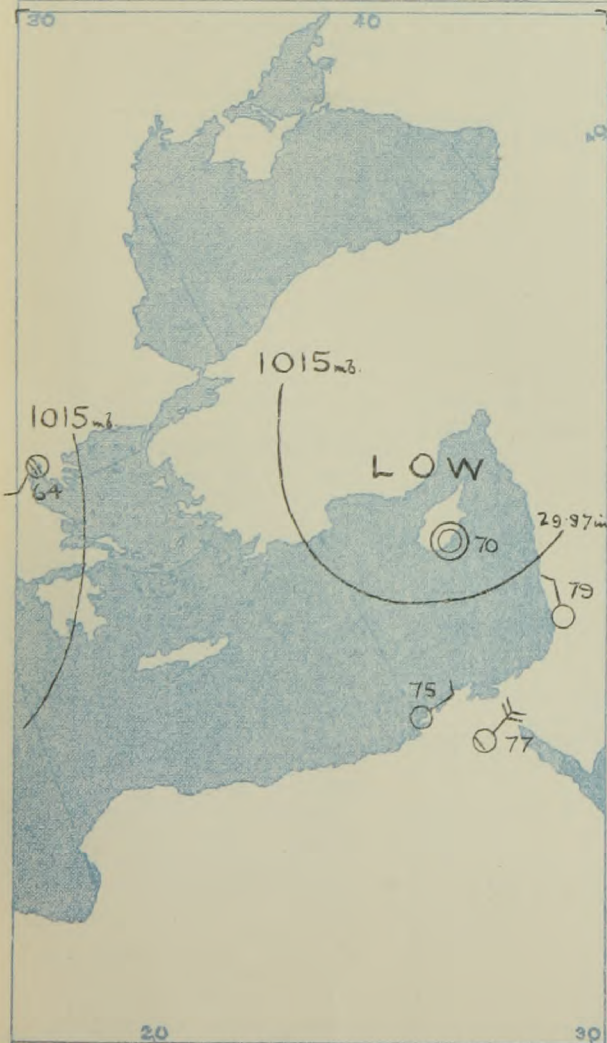
W. by S. 9 at 6h. (8h)

The Conditions at 7h. Today

A depression has its centre some distance to the northward of Shetland, while the barometer continues highest over the Azores region and relatively high thence to the Bay of Biscay and France. The wind is SW. to W. over the British Isles, light to moderate at most stations, but strong to a gale in the north of Ireland, and also at Lerwick. At Skudesnaes there is a strong gale from SSW. The weather is fair generally, but showery or rainy in the extreme south-west, north-west and north of the United Kingdom, as well as in the south-west of Norway and various parts of France.

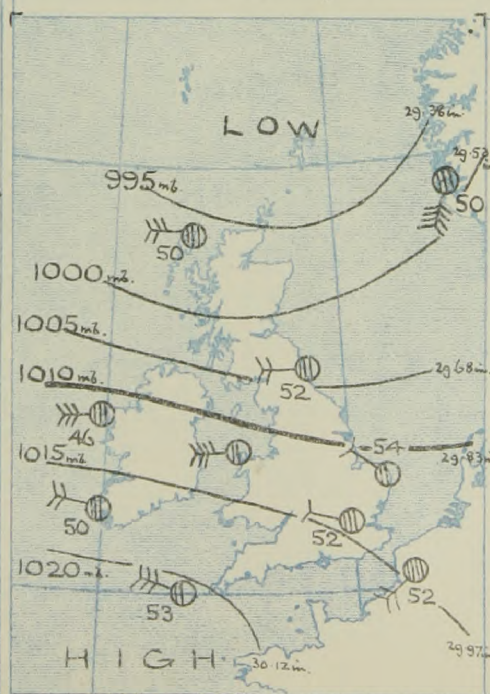
The Outlook

Although the barometer is now rising very generally the pressure distribution continues favourable for the passage of depressions over the United Kingdom and its immediate neighbourhood, and it is to be expected that the barometer will begin to fall again and the wind to back along our western seaboard shortly.

J.H.

TUESDAY, 8th

OCTOBER, 1918, at 12h. (1 p.m.) G.M.T.



The barometer is still rising generally and so far there are no indications of a backing wind in the west.



STATIONS.		EVENING OF 7 <sup>TH</sup>					MORNING OF 8 <sup>TH</sup>										24 HOURS ENDED 7 h. 8 <sup>TH</sup>					Sun- shine for 7 <sup>TH</sup> Hours.
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours.	WIND.		Dir. 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	975.0	46	WNW	3	cm	979.4	+2	46	0	W	8	—	omp	6	8	48	42	cmqp	cmqp	omp	
	Deerness (Orkney)	975.9	46	SW	5	op	984.7	*	46	-3	SW	5	—	roq	5	15	51	42	orop	ocp	or.p	2.0
	Stornoway	976.3	45	W	7	opq	987.6	+3	48	+1	W	6	—	cpq	5?	14	50	43	o.bcp	bc.cpq	cpq	2.1
	Castlebay (Barra Isd.)																					
	Glasgow	991.4	44	WSW	6	r	999.4	+4	43	0	WSW	5	N	cp	*	13	48	40	ohrpq	oth.rp	colcp	1.0
	Eskdalemuir																					
	Malin Head	991.0	47	W	8	cp	999.5	+2	48	+4	W	8	W	cpqh	8	9	48	41	cmqph	cpqh	cpqh	1.5
	Blacksod Point	999.7	48	W	8	bcq	1005.9	+2	45	?	W	6	W	bcqp	8	7	50	41	cmup	bc.up	cpqcp	
	Valencia (Cahirciveen)	1008.8	51	WSW	5	bc	1015.1	+4	47	-4	WNW	5	NW	bcq	5	11	52	45	cpqh	cpqh	cpqh	3.9
	Roche's Point	1008.5	47	W	3	bc	1014.3	*	44	-4	W	2	NW	b	3	4	53	41	cpqh	cpqh	cpqh	
	Birr Castle	1003.8	46	SW	3	c	1010.0	*	41	-6	SSW	1	—	c	*	5	53	40	cpqh	cpqh	core	2.9
	Donaghadee	995.4	46	WSW	8	bcmqp	1003.8	+3	40	-6	SW	4	SW	bcmq	3	5	52	40	cmop	bcmqp	bcqpl	*
	Liverpool (Bidston)	1002.7	46	WSW	5	b	1007.6	+2	44	-2	WSW	4	W	b	3	2	54	44	bcq	bcq	bc	7.8
	Holyhead	1002.4	49	WSW	8	cpq	1007.7	+1	47	-4	W	5	W	bcqg	5	1	55	46	bcq	bcq	b.bclq	3.8
	Pembroke (St Ann's)						1012.6	+3	49	-5	W	5	W	cp	5	1	54	48	bcq	bcq	bcq	5.2
	Hartland Quay																					
	Scilly (St. Mary's)	1013.8	51	WNW	6	cp	1017.0	+1	48	-4	WNW	6	W	cpq	7	3	56	48	bcqcp	bcqcp	bcqcp	6.1
	Falmouth	1013.1	48	W	6	bcqp	1016.1	+3	45	-8	W	4	NW	bcp	*	3	57	43	cpqbcq	bcqcp	bcqcp	6.9
	Jersey (St. Aubin)	1015.7	54	W	5	b	1016.2	*	50	-5	W	4	—	b	4	11	60	46	cp.b	bc.p	clqrb	2.7
	Portland Bill	1011.0	54	W	6	bc	1013.8	+2	51	-5	WNW	5	W	bc	5	—	57	51	bc	bc	bc	*
	Dungeness	1010.7	55	WSW	6	bq	1013.3	+2	39	-17	W	2	W	bc	2	2	60	39	cpq	cpq	c.b	*
Wick	977.7	45	SW	3	op	987.9	+4	45	-4	WSW	5	—	omp	3	9	50	41	ocmq	cmqog	omrb		
Nairn	980.3	44	WSW	4	opq	990.5	*	44	+1	SW	4	—	cp	3	9	50	41	bcqr	bcqr	bcqr	3.2	
Aberdeen	984.3	45	SW	5	bq	994.1	+3	43	-7	SSW	4	—	c	4	5	52	42	cpqh	cpqh	bq.b	4.4	
Leith	990.0	47	SW	6	o	998.6	+1	43	-4	SW	5	—	c	4	10	51	42	rqco	rqco	oqruc	*	
Tynemouth	995.9	49	SW	4	bcmq	1001.7	+1	45	-6	W	3	—	bmq	3	1	54	45	bcmq	bcmq	bmq	*	
Spurn Head	1002.4	52	WSW	5	bcq	1006.8	+2	44	-6	SW	4	—	bcq	4	2	56	42	bcq	bcq	bc.c	4.2	
Yarmouth (Gorleston)	1007.4	51	WSW	3	b	1010.3	+3	39	-4	WSW	3	—	bc	3	2	56	38	ocqp	ocqp	b.l.b	3.1	
Clacton-on-Sea	1009.4	52	SW	3	bc	1012.7	+3	42	-12	W	2	—	bcz	1	2	56	41	ogqr	ogqr	bcz	1.9	
Nottingham	1005.5	48	SW	3	b	1009.5	*	42	-9	SW	1	SW	b	*	2	57	40	cpqb	cpqb	bc.b	5.4	
Benson (Oxon.)	1009.7	47	SW	3	bc	1012.4	+3	41	-10	WSW	2	—	b	*	2	58	34	opq.b	b.b	b.r.b	*	
Sth Farnborough	1011.0	49	SW	6	b	1013.3	+2	40	-14	WSW	2	W	c	*	1	59	34	bcqb	bcqb	b.o.c	4.6	
Salisbury Plain	1011.2	47	SW	2	bc	1013.8	+2	43	-9	SW	2	W	c	*	3	57	36	ordc	bcq.b	b.belp	5.5	
London (Kew Obsy.)	1010.2	50	SW	2	b	1013.3	+3	41	-12	SW	1	W	bcqr	*	4	57	39	adpqb	bcq.b	bcqr	3.7	
NORTH EUROPE.	Spitsbergen																	THE BEAUFORT SCALE OF WIND FORCE.				
	Vardö	998.3	36	N	4	o	1006.6	+4	36		WSW	3	—	o	3	*	39	36				
	Bodö	997.5	48	SW	4	o	993.0	0	46		E	4	—	bc	1	?	48	39				
	Christiansund	990.9	54	—	0	c	988.3	+0	52	+4	ENE	3	—	c	2	—	55	45				
	Skudesnaes	991.7	52	SSW	8	c	993.7	+1	50	0	SSW	9	—	r	8	6	52	46				
	Færder (X'ania Fjord)																					
	The Scaw (Skagen)	1005.0	52	S	6	o	1003.3	+1	50	+2	SSW	4	SW	c	4	2	55	46				
	Blaavands Huk	1006.7	50	SSW	6	r	1006.4	+1	50	-2	W	3	—	c	*	4	55	46				
	Copenhagen	1012.2	54	SSW	4	bc	1008.8	+2	52	0	WSW	4	—	o	*	3	55	50				
	Bornholm	1015.7	52	S	7	b	1010.9	+2	48	-2	W	2	—	r	0	3	55	48				
FRANCE, &c.	The Helder	1008.8	54	SW	5	c	1010.4	+2	50	+2	W	4	—	bc	3	4	55	48				
	C. Gris Nez	1011.4	55	W	7	b	1015.1	+3	48	-4	W	3	*	c		trace	59	48				
	La Hève	1015.4	54	WSW	5	c	1015.7	*	48	-2	SW	5	*	c		1	59	46				
	Brest (St. Mathieu)	1018.1	57	W	5	bc	1019.9	+2	54	-3	NW	6	*	c		3	59	48				
	Rochefort (Ile d'Aix)	1021.0	61	W	6	o							*									
	Biarritz	1024.3	64	WNW	3	o	1024.8	+3	57	0	WNW	3	*	r		11	75	55				
	Paris	1015.9	57	SSW	1	bc	1017.7	+2	46	-2	SW	1	*	c	*	1	64	43				
	Belfort	1020.2	57	SW	1	c	1019.9	*	45	-1	WSW	4	*	r	*	6	64	45				
	Lyons	1021.5	57	—	0	b	1020.4	*	50	+4	N	1	*	r	*	trace	68	46				
	Nice	1019.0	61	—	0	b	1013.6	-1	63	0	E	2	*	b	*	—	73	55				
IBERIA, &c.	Perpignan	1020.6	68	NNW	1	b	1019.8	+0	61	+2	W	1	*	o	*	—	79	57				
	Sanguinaire	1018.7	70	NW	2	b	1014.6	*	63	-1	E	3	*	b	*	—	79	59				
	Corunna	1027.1	63	W	1	b	1031.0	+2	59		NW	1	*	c	4	1	66	55				
	Madrid																					
	Lisbon	1028.3	66	NNW	3	c	1027.9	+2	59	+2	NNE	3	—	b	5	—	70	57				
	Azores (Horta)	1032.4	*	SSE	3	b	1031.0	-1	66	+3	SSE	1	*	bc	2	—	75	63				
	" (P. Delgada)	1031.4	*	NE	2	c	1030.7	+1	63	-3	NE	1	*	b	2	—	72	63				
	Madeira	1027.0	73	NE	3	bc	1026.7	-2	64	+1	NE	3	—	c	3	—	75	63				
	Gibraltar	1025.0	70	NW	5	b	1025.0	*	63		SE	4	*	bc	1	—	81	55				
	Palma																					
MEDITERRANEAN.	Algiers	1023.8	64	—	0	b	1020.3	-1	63		SW	1	—	b	2	—	72	57				
	Malta	*	*	*	*	*	1012.7	+1	68		W	1	—	c	1	—	70	63				
	Salonica	1015.4	60	SE	2	bc	1014.2	+0	64	?	SW	1	—	bc	*	3	69	58				
	Athens																					
	Candia																					
	Limassol	*	*	*	*	*	1011.7	0	70	-7	—	0	—	b	0	—	88	61				
	Alexandria	1																				

THE BEAUFORT SCALE OF  
WIND FORCE.

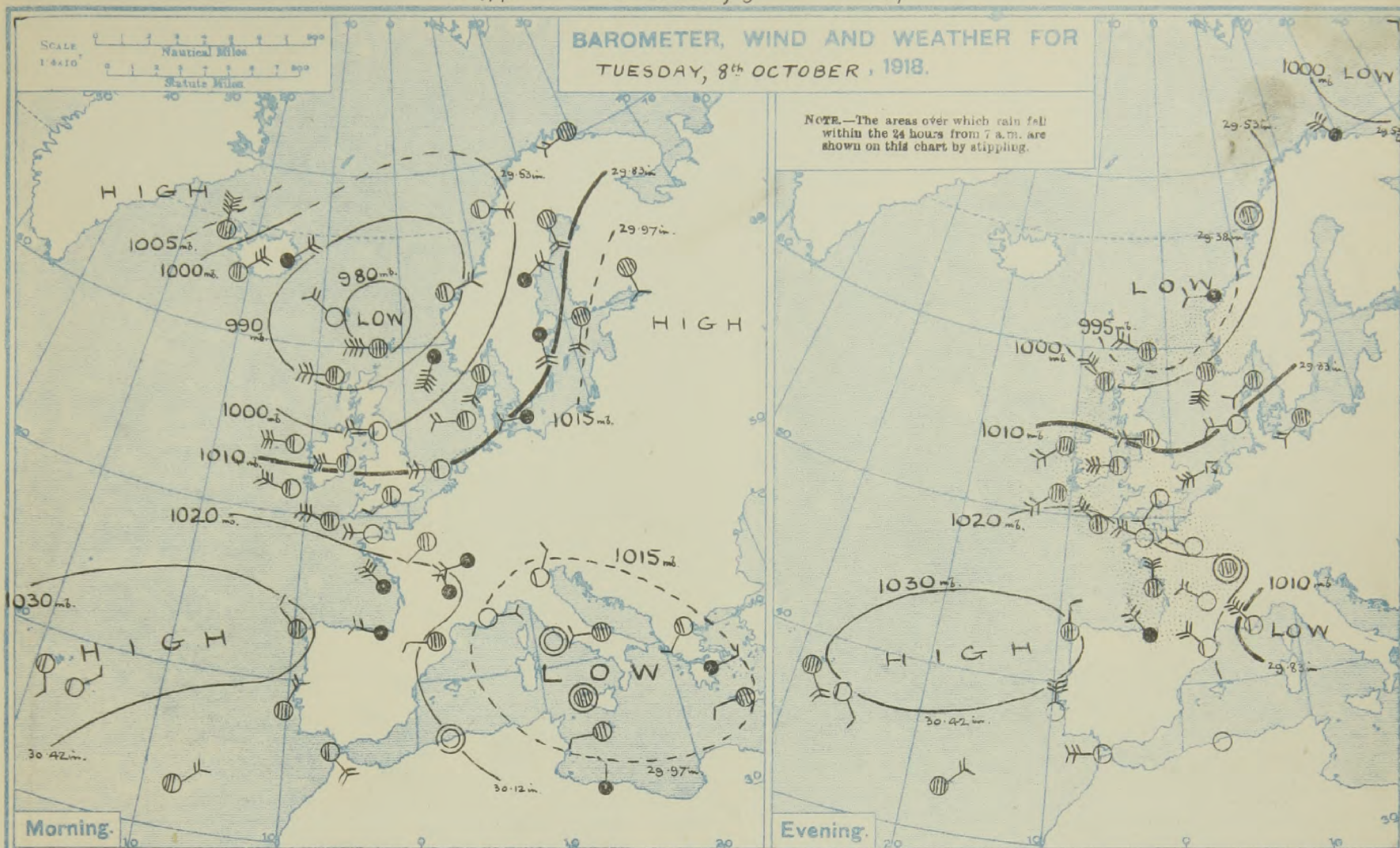
No.	Limits of Velocity.	
	Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·1
11	64-75	28·5-33·5
12	Above 75	33·6 or above



# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,775

WEDNESDAY, 9<sup>th</sup> OCTOBER, 1918.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 8<sup>th</sup> OCTOBER.

STATIONS.		EVENING OF... 7 <sup>TH</sup>					MORNING OF... 8 <sup>TH</sup>										MORNING OF... 8 <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.
		° F.						° F.	° F.					° F.	° F.			° F.	° F.				
RUSSIA.	Archangel ...													*			Isafjord ...	1004.4	37	0	N	9	0
	Petrograd ...													*			Reykjavik	997.7	39	-7	NE	9	c
	Moscow ...													*			Vestmanna	992.4	45	+4	NE	5	c
SWEDEN.	Hernösand ...	996.6	48	SW	2	b	1002.4	*	45	-3	NE	4	r	*	*	*	Seydisfjord	993.0	41	0	NE	4	r
	Stockholm ...	1006.3	48	S	2	b	1007.5	*	50	0	S	4	r	*	*	*	Thorshavn	980.6	44	-1	NW	3	0
	Wisby ...	1013.2	48	SW	4	b	1009.6	*	39	-11	S	4	c	*	*	*	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM						
ITALY.	Venice ...	1019.0	63	N	1	b	1014.3	*	57	+2	NE	1	b	-	70	54							
	Turin ...						1013.5	*	54	-1	-	0	b	-	68	50		G.M.T.	G.M.T.	G.M.T.			
	Pesaro ...	1019.8	61	NNE	1	b	1015.0	*	57	-2	-	0	b	-	68	50		6.15	11.47	5.11			
	Leghorn ...	1018.2	64	-	0	b	1014.6	*	64	+1	-	0	c	-	72	55		6.17	11.47	5.17			
	Rome ...	1015.7	66	-	0	b	1014.2	*	57	-22	-	0	b	-	73	54		6.37	11.59	5.22			
	Viesti ...	1015.9	59	NW	2	r	1013.8	*	61	0	W	2	0	-	66	52		6.39	11.59	5.19			
	Brindisi ...	1014.7	59	NE	4	b	1012.7	*	68	+5	NW	2	b	-	68	66		6.56	12.28	6.0			
	Cagliari ...																	6.58	12.28	5.58			
	Palermo ...	1015.8	61	-	0	0	1013.7	*	63	0	-	0	0	3	66	57							
Tripoli ...						1015.6	*	64	-8	NNE	1	r	26	88	59								

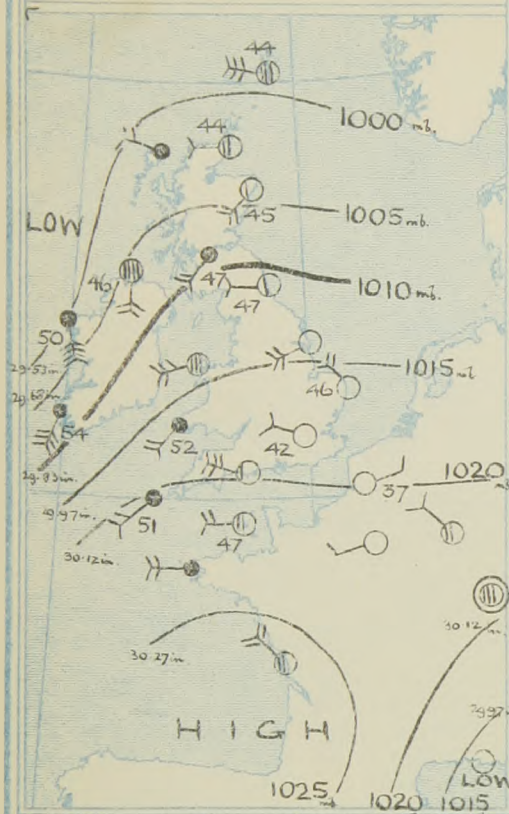
LONDON 9 <sup>TH</sup> OCTOBER 9h. G.M.T.		HUMIDITY.		Sun- shine for 8 <sup>TH</sup>	24 HOURS ENDED 9 h. 9 <sup>TH</sup>						
		15 h.	9 h.		TEMPERATURE.			Rain- fall.	WEATHER.		
					Max.	Min.	Min. on Grass.		Morning.	Afternoon.	Night.
		8 <sup>TH</sup>	9 <sup>TH</sup>	8 <sup>TH</sup>	° F.	° F.	° F.	mm.			
GREENWICH (Royal Observatory) .. ..		58	89	6.3	56	38	28	1	bc	bc	bc.p.or
CITY (Bunhill Row) .. .. .		*	*	4.7	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park) .. ..		64	91	5.0	56	39	33	1	*	*	*
" (Roof near CharingX). .. ..		74	93	5.0	58	42	—	0.4	bm	bcp	b. bc.or
CAMDEN SQ. (British Rainfall) .. ..		63	92	4.0	56	38	33	1	bc	bc	*
KENSINGTON PALACE .. .. .		58	87	5.4	55	36	26	0.4	bc	bc.	*
Nore.—The thermometers at Greenwich and Camden Square are in Glaisher screens.											

SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during 8 <sup>TH</sup>		
Total.	Average Rate.	Max. Rate.
Joules. 740	Milliwatts. 18.6	Milliwatts 48



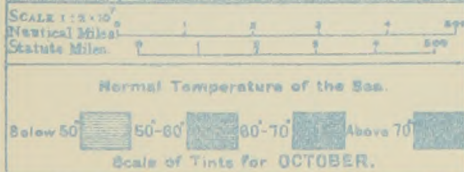
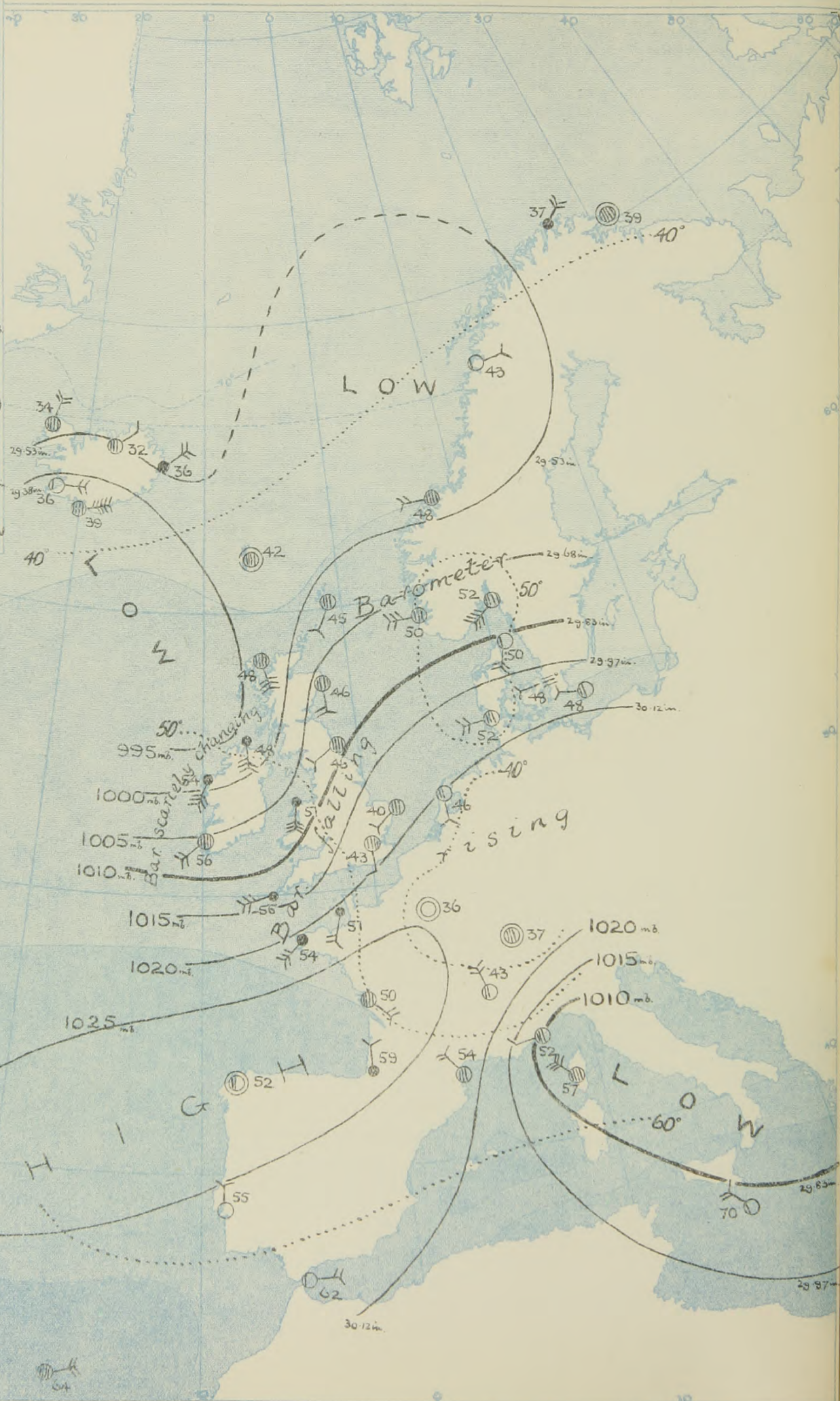
9<sup>th</sup>, OCT, at 1h. G.M.T.

THE MORNING OF WEDNESDAY, 9<sup>th</sup> OCTOBER 1918, 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. Δ dew. ☁ fog. ☁ mist. T, thunder.  
 Z, thunderstorm.  
 SEA DISTURBANCE.—Rough. Highest sea.





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

Temperature remained below  $55^{\circ}$  over the greater part of the United Kingdom and rose no higher than  $46^{\circ}$  at Eskdalemuir. The night was again cold in central and south-east England. Slight showers were experienced at most stations in the eastern half of Great Britain and heavier rains in the west of the British Isles. Fair or good records of sunshine were made in England, Wales and central Ireland, but elsewhere the day was generally cloudy or overcast. Aurora was observed at night over a very wide area in the north and north-west.

## The Conditions at 7h.

Another depression has advanced over the Atlantic and is now centred some distance to the north-westward of Scotland. A secondary disturbance has also appeared over the St. George's Channel region, and a more marked depression has developed over the Gulf of Genoa. The highest pressure extends in the form of a rather narrow band from the Azores to central France. The wind, after blowing a gale from the Southward during the night on the north-west coast of Ireland, has increased in force from the S. or SW. over our western districts generally, and backed to the Southward again in the east. Rain spread very quickly from the westward during the night and the sky has now become overcast in the east of England. Temperature has risen generally.

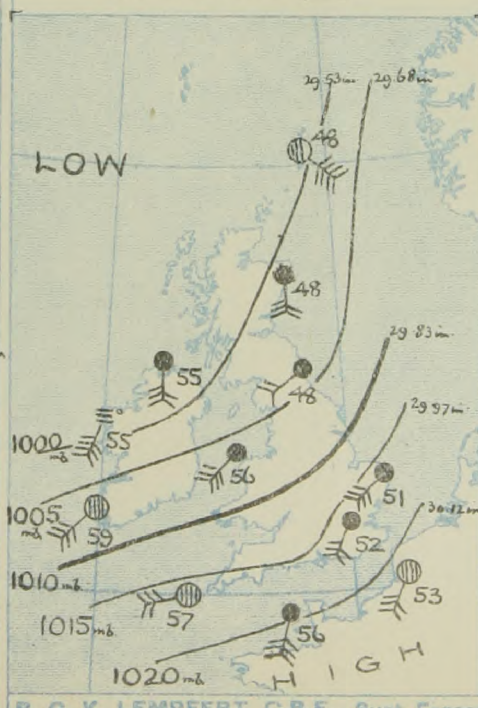
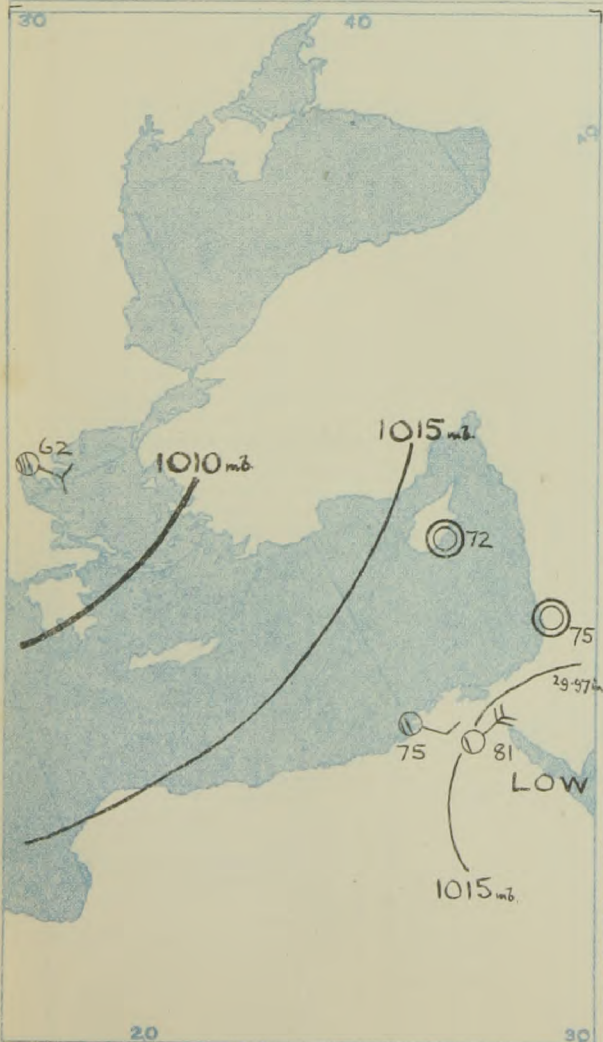
## The General Outlook

There are no indications of any modification in the pressure distribution such as would be favourable for a change to a more settled condition of weather over the British Isles.

H. H.

WEDNESDAY, 9<sup>th</sup>

OCTOBER, 1918, at 12h. (1p.m.) G.M.T.



The barometer is falling in nearly all parts of Great Britain and the wind has increased considerably from South in the east and south-east. At Lerwick a SE. gale is reported.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No 282

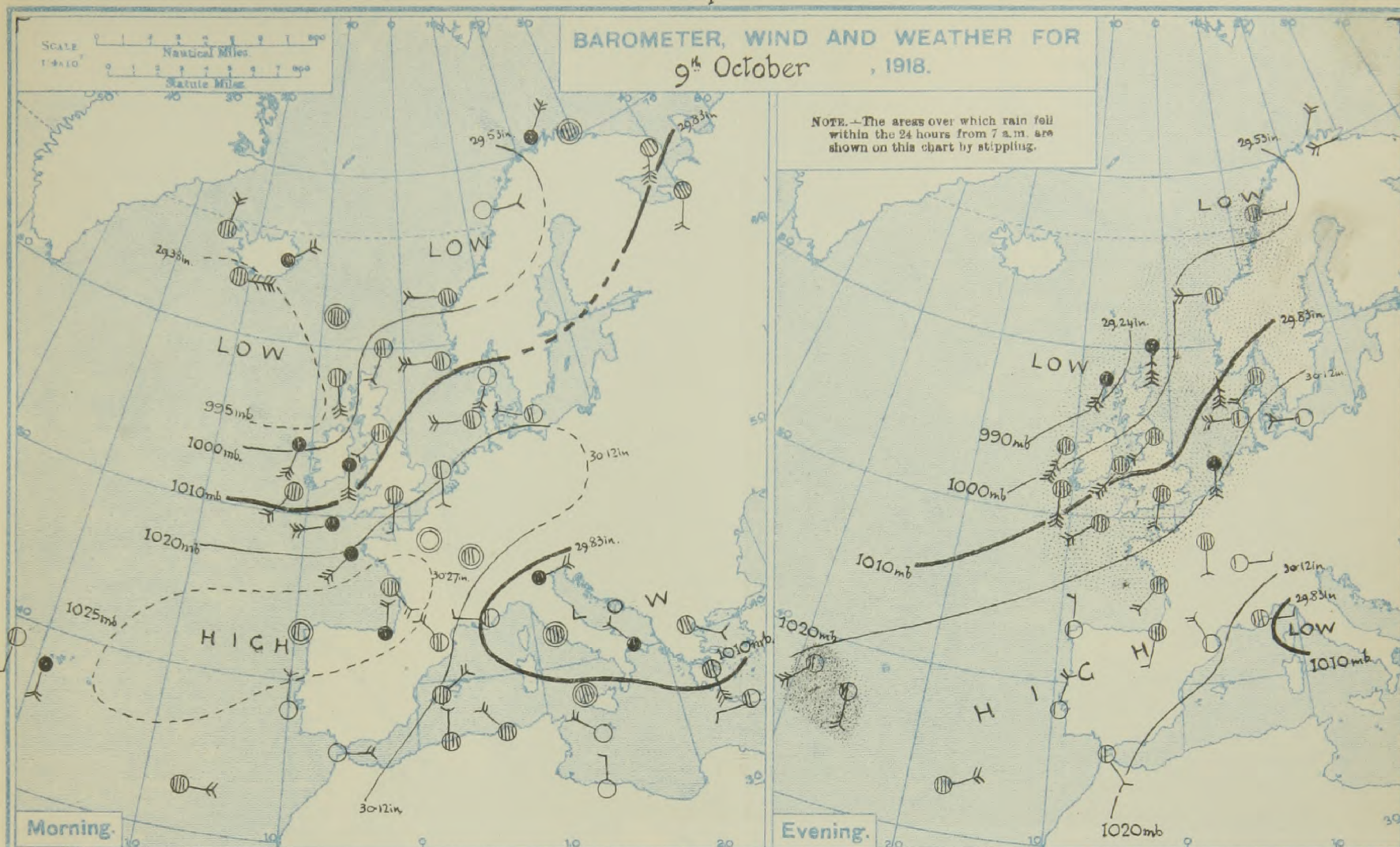
WEDNESDAY,  
9<sup>TH</sup> OCTOBER.

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. °F.	WIND.		Weather.	Baromet. Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 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	992.9	45	WNW	5	c	1002.1	+4	45	-1	SSW	2	—	c	1	1	48	42	cq	c	c	2.2
	Deerness (Orkney)	995.9	47	W	5	op	1001.7	*	46	0	SW	3	NW	o	4	14	51	45	rap	ocp. bc.	opo	5.1
	Stornoway	1000.1	49	WNW	5	cpq	998.6	-5	48	0	SSE	6	—	opq	5	3	52	45	bcp	cpq	opq.	2.1
	Castlebay (Barraisd.)	1006.0	48	WSW	4	cm	1004.7	-6	44	+1	SSE	3	—	omr	*	4	52	41	comp	copcm.	bc. omf	0.1
	Glasgow	1007.6	46	WSW	5	o	1007.5	-4	43	?	S	5	—	or	*	6	46	39	c.o. opo	or. mop.	o. or.	1.3
	Eskdalemuir	1006.4	49	W	6	cpq	995.7	-10	48	0	S	5	—	omqr	5	8	50	43	cpqh	cpq	omqr	3.8
	Blacksod Point	1012.0	47	SW	4	ogp	999.0	+1	54	+9	SSW	6	—	omr	7	14	54	44	bcqp	cp.	or. omr	7.2
	Valencia (Cahirveen)	1017.4	50	SW	4	o	1006.6	-1	56	+9	SW	4	—	opm	0	21	56	46	bcqph	cpo	ro	6.5
	Roche's Point	1018.2	49	W	2	o	1008.0	*	56	+12	WSW	3	—	omr	4	13	56	43	b. bc.	bc. op	or. omr	6.0
	Birr Castle	1015.0	46	W	1	c	1003.7	*	56	+15	SW	2	—	r	*	17	56	40	cp	bc.	or	7.8
	Donaghadee	1009.7	49	W	5	bcmq	1002.0	-8	50	+10	S	5	—	omrq	4	9	52	40	bcmq	bcmq.	deomq	7.4
	Liverpool (Bidston)	1012.7	49	W	4	bc	1009.8	-4	44	0	SE	3	—	r	2	4	52	43	bcq	bcq	bc. or	8.3
	Holyhead	1013.5	50	W	6	bcq	1006.5	-6	51	+4	S	6	—	orm	5	5	54	46	bc. bc.	bc. c	b. bc. or	7.0
	Pembroke (St. Ann's)	1017.6	50	WSW	5	bcq	1009.1	-9	54	+5	SSW	5	—	ogr	5	9	54	48	bcq.	bcq. p	c. or	6.1
	Hartland Quay	1021.3	51	WNW	5	c	1014.7	-1	55	+7	WSW	5	—	omr	6	13	55	47	bcq	bcq.	omr	6.2
	Scilly (St. Mary's)	1020.3	48	W	3	b	1014.2	-5	54	+9	SW	6	W	org	*	16	56	44	bcq	bq. bc.	adorg	5.8
	Jersey (St. Aubin)	1020.5	52	WNW	5	b	1021.5	*	51	+1	SSW	3	—	or	3	2	57	47	q. b. b	b	bu. or	7.4
	Portland Bill	1017.8	53	WNW	5	bc	1017.6	-3	53	+2	SSW	5	—	or	5	3	55	50	bc	bc	c. or	8.0
	Dungeness	1016.2	49	W	3	b	1020.0	0	48	+9	WSW	2	W	bc	2	—	58	37	bc	cp. b.	b. bc	6.8
NORTHERN EUROPE.	Wick	997.8	47	W	3	o	1002.3	-2	47	+2	SW	3	—	o	2	1	53	43	ompbc	bcpo	cpomq	7.2
	Nairn	1000.5	49	W	2	op	1001.9	*	46	+2	SW	1	—	ou	1	1	52	43	cq	cgo	opq	6.1
	Aberdeen	1001.7	51	SSW	3	b	1005.5	0	46	+3	S	3	—	o	2	—	54	43	cq	c. bc. b	b. bc. o	5.8
	Leith	1004.4	49	SW	4	bc.	1005.5	-2	45	+2	SSE	2	—	om	2	0.4	51	43	chcqc	pcq. bc.	bc. b. o	5.8
	Tynemouth	1006.5	50	W	4	cmq	1009.9	-1	46	+1	SW	2	—	om	3	—	53	45	cmq	cmq	bm.	6.2
	Spurn Head	1012.0	50	WSW	3	cq	1014.9	0	44	0	S	4	—	og	4	—	53	42	bcq	cq	bc. og	5.8
	Yarmouth (Gorleston)	1014.2	48	WSW	2	bcm	1018.5	+2	40	+1	SW	2	—	cm	2	—	55	38	bc	bc. m	b. b. m	6.0
	Clacton-on-Sea	1015.5	47	W	3	bc	1019.7	+1	47	+5	WSW	3	—	o	2	—	55	41	bc. c. y	c. y. bc.	bc. b. o	7.2
	Nottingham	1014.2	49	W	2	b	1015.3	*	43	+1	S	2	S	or	*	1	52	37	bcp	bc. cp.	b. o	6.1
	Benson (Oxon.)	1016.4	46	W	1	b	1016.8	-2	43	+2	S	4	—	r	*	0.2	55	35	o. bc	bc.	b. bc. m	6.2
	St. Farnborough	1017.6	42	W	3	b	1019.0	-1	43	+3	SSE	3	—	om	*	1	55	35	c. bc. c	cp. b	b. b. m	5.8
	Salisbury Plain	1017.9	44	W	2	b	1018.1	-4	45	+2	SSW	2	—	od	*	1	?	35	cp. bc. c	bc. b.	b. bc. o	6.2
	London (Kew Obs.)	1016.9	48	SW	2	b. m	1018.9	-1	43	+2	S	1	—	omw	*	trace	54	39	bc. m. w. c.	c. q. r. bc. m. w. m.	bc. m. w. m.	5.8
	FRANCE, &c.	Spitsbergen	1010.6	36	NW	6	r	1001.3	+3	39	+3	—	0	—	o	2	*	39	34	THE BEAUFORT SCALE OF WIND FORCE.		
Vardö		996.2	46	—	0	c	996.8	0	43	-3	E	2	—	b	2	?	48	41				
Bodö		993.6	50	W	2	r	997.1	+5	48	-4	W	3	—	o	3	8	55	45	Limits of Velocity.			
Christiansund		1000.8	50	SSW	8	o	1006.1	+5	50	0	W	5	—	c	6	5	52	48				
Skudesnaes		1006.1	52	WSW	6	bc	1007.7	+0	52	+2	SW	7	—	o	4	3	52	50	No.			
Færder (Xania Fjord)		1008.6	50	SW	2	c	1010.1	+2	50	0	SSW	4	—	b	4	—	54	46				
The Scaw (Skagen)		1011.7	52	W	3	b	1018.0	+3	52	+2	W	4	—	c	*	trace	54	46	Statute miles per hour.			
Blaavands Huk		1013.0	48	—	0	b	1019.1	+3	48	-4	W	2	—	m	*	trace	54	46				
Copenhagen		1013.5	48	WSW	3	m	1019.7	+4	48	0	WNW	2	SW	bc	0	6	50	46	Metres per second.			
Bornholm		1014.7	50	WSW	6	clr.	1019.9	+2	46	-4	S	2	W	bc	2	trace	55	45				
The Helder		1016.4	52	W	5	b	1021.0	+2	46	-2	S	2	*	bc.	2	trace	57	46	0			
C. Gris Nez		1019.3	52	NW	8	clr.	1022.0	*	46	-2	SW	4	*	o	4	14	54	45				
La Hève	1024.0	54	NW	4	bc	1021.6	-2	54	0	SW	5	*	r	5	2	55	48	1				
Brest (St. Mathieu)	1024.4	55	N	6	c	1026.0	0	50	?	SE	3	*	o	*	3	61	48					
Rochefort (le d'Aix)	1026.3	59	NW	4	r	1025.5	0	59	+2	N	3	*	r	7	4	64	54	2				
Biarritz	1019.4	48	WNW	2	b	1024.8	+2	36	-10	—	0	—	b	*	trace	59	34					
IBERIA, &c.	Paris	1020.2	43	—	0	o	1019.9	*	41	-4	—	0	*	c	*	6	57	37	3			
	Belfort	1020.4	48	WNW	3	b	1023.8	*	43	-7	NNW	4	*	bc	*	3	59	41				
	Lyons	1005.9	61	NNW	6	b	1007.5	-1	52	-11	SW	1	*	bc	3	—	72	46	4			
	Nice	1021.0	57	NW	4	b	1022.7	+2	54	-7	NW	3	—	c	*	—	64	50				
	Perpignan	1007.7	70	NW	5	o	1005.5	*	57	-6	NW	6	*	o	7	—	77	52	5			
	Sanguinaire	1031.3	61	N	1	c	1029.1	-0	52	—	0	NW	bc	4	—	63	46					
	Corunna	1026.3	61	N	6	b	1024.3	-1	55	-4	N	2	—	b	5	—	66	55	6			
	Lisbon	1029.6	*	SE	1	o	1023.8	-2	64	-2	S	4	*	r	3	4	73	66				
	Azores (Horta)	1029.3	*	SE	1	c	1024.6	-2	66	?	S	3	*	m	3	—	72	61	7			
	(P. Delgada)	1026.0	70	NE	3	o	1023.9	-1	64	?	ENE	4	—	o	4	—	75	64				
Madeira	1021.7	66	W	5	b	1021.0	*	62	-1	E	3	*	b	2	—	78	61	8				
Gibraltar	1011.7	70	E	1	c	1006.3	-1	62	-2	SE	2	W	c	*	16	74	61					
Palma	1016.0	77	ENE	1	b	1016.4	+0	75	0	SE	1	—	bc	1	—	91	72	9				
Algiers	1014.1	79	NE	5	b	1015.0	+2	81	+4	ENE	4	—	b	*	—	93	75					
MEDITERRANEAN.	Malta	?	73	NNW	2	b	?	?	77	+5	ESE	1	—	b	*	—	86	68	10			
	Salonica	1013.7	79	N	2	b	1016.3	+1	75	-4	—	0	—	b	—	—	88	66				
	Athens	1016.0	77	ENE	1	b	1016.4	+0	75	0	SE	1	—	bc	1	—	91	72	11			
	Candia	1014.1	79	NE	5	b	1015.0	+2	81	+4	ENE	4	—	b	*	—	93	75				
	Limassol	?	73	NNW	2	b	?	?	77	+5	ESE	1	—	b	*	—	86	68	12			
Alexandria	1013.7	79	N	2	b	1016.3	+1	75	-4	—	0	—	b	—	—	88	66					
Cairo (Helwan)	1011.7	70	E	1	c	1006.3	-1	62	-2	SE	2	W	c	*	16	74	61	13				
Jerusalem	1016.0	77	ENE	1	b	1016.4	+0	75	0	SE	1	—	bc	1	—	91	72					
Ramleh	1014.1	79	NE	5	b	1015.0	+2	81	+4	ENE	4	—	b	*	—	93	75	14				
	?	73	NNW	2	b	?	?	77	+5	ESE	1	—	b	*	—	86	68					
	1013.7	79	N	2	b	1016.3	+1	75	-4	—	0	—	b	—	—	88	66	15				
</																						



# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 776. Thursday, 10<sup>th</sup> October 1918.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 9<sup>TH</sup> OCTOBER 1918.

STATIONS.		EVENING OF 8 <sup>TH</sup>					MORNING OF 9 <sup>TH</sup>										MORNING OF 9 <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.					
RUSSIA.	Archangel ...																								
	Petrograd ...																								
	Moscow ...																								
SWEDEN.	Hernösand ...																								
	Stockholm ...																								
	Wisby ...																								
ITALY.	Venice ...																								
	Turin ...																								
	Pesaro ...																								
	Leghorn ...																								
	Rome ...																								
	Viesti ...																								
	Brindisi ...																								
	Cagliari ...																								
	Palermo ...																								
	Tripoli ...																								
TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM																	10 <sup>TH</sup> & 11 <sup>TH</sup> OCT. 1918.			Sunrise.		Noon.		Sunset.	
																			G.M.T.		G.M.T.		G.M.T.		
																	6.11		11.40		5.9				
Yarmouth ...																	6.13		11.40		5.6				
																	6.17		11.47		5.17				
Greenwich ...																	6.19		11.47		5.15				
																	6.39		11.59		5.22				
Wick ...																	6.41		11.59		5.19				
																	6.58		12.28		5.58				
Valencia ...																	7.0		12.28		5.55				

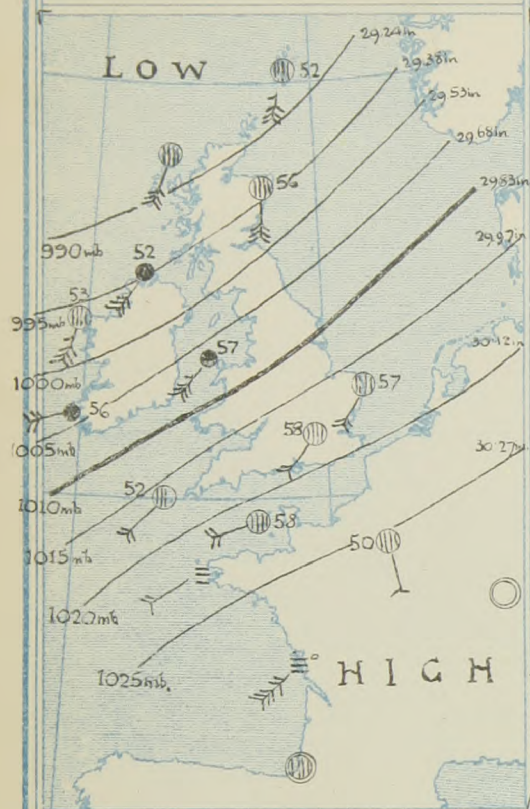
LONDON		HUMIDITY.		Sun- shine for	24 HOURS ENDED 9 h. 10 <sup>TH</sup>							SOUTH KENSINGTON (M.O.)		
		15 h.	9 h.		TEMPERATURE.			WEATHER.						
		9 <sup>TH</sup>	10 <sup>TH</sup>		9 <sup>TH</sup>	Max.	Min.	Min. on Grass.	Rain- fall.	Morning.	Afternoon.			
10 <sup>TH</sup> OCT <sup>R</sup> . 9h. G.M.T.		%	%	Hours.	° F.	° F.	° F.	mm.				Vertical Component of Solar Radiation per square Centimetre during 9 <sup>TH</sup> .....		
GREENWICH (Royal Observatory)	93	82	0.0	61	48	48	2	0	0	od				
CITY (Bunhill Row)	*	*	0.0	*	*	*	*	*	*	*				
WESTMINSTER (St. James's Park)	91	87	0.0	61	48	45	3	*	*	*				
" (Roof near Charing X)	94	88	0.0	60	48		2	0m7	070	0.0m				
CAMDEN SQ. (British Rainfall)	96	82	0.0	60	48	47	3	07	070	*				
KENSINGTON PALACE	88	79	0.0	61	48	47	3	07	07	*				
NOTE.—The thermometers at Greenwich and Camden Square are in Galsber screens.														

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



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

THE MORNING OF Thursday, 10<sup>th</sup> OCTOBER 1918, 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:—

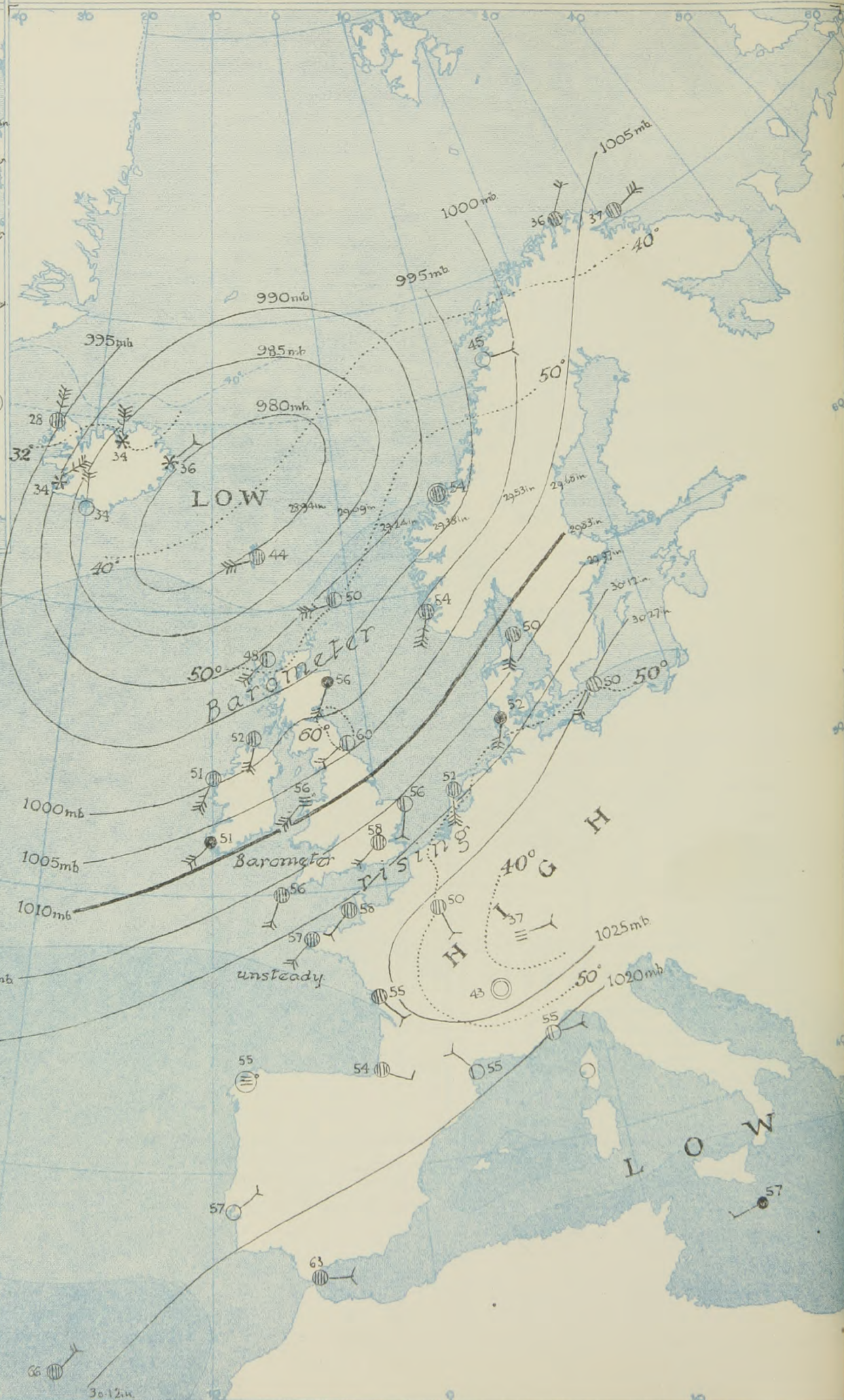
○ clear sky, ○ sky & clouded, ○ sky & clouded.

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

☁ snow, ☁ hail, ☁ fog, ☁ mist, ☁ T, thunder.

☁ thunderstorm.

**SEA DISTURBANCE.**—Rough, High.



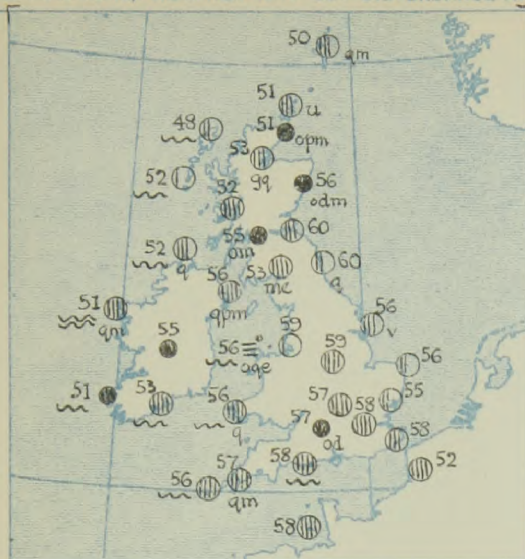
SCALE 1:100,000  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea.

Below 50° 50°-60° 60°-70° Above 70°

Scale of Tints for OCTOBER.





## GALES.

Lerwick. 13h-23h. 9h  
Extreme S. 8.

Blackad Point. 13-22h. 9h  
Extreme. SSW gale 15h.

Lough Foyle. 14h. 9h-5h 10h  
Extreme S.W. 10 at 18h. 9h

Nairn. 22h. 9h-3h 10h  
Extreme W. 8.

Eskdalemuir. 2-6h. 10h  
Extreme. SSW 8. Gusts 25 mps.

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

Temperature rose steadily throughout the 24 hours, and in most places the maxima were recorded either during the evening or the night. Rain fell in all localities in the United Kingdom, and at no stations was there any bright sunshine. The largest rain measurements reported were about 15 mm. at Glasgow and Eskdalemuir, and 19 mm. at Holyhead. Gales from the South or South-West were experienced on some parts of the extreme northern and north-western coasts.

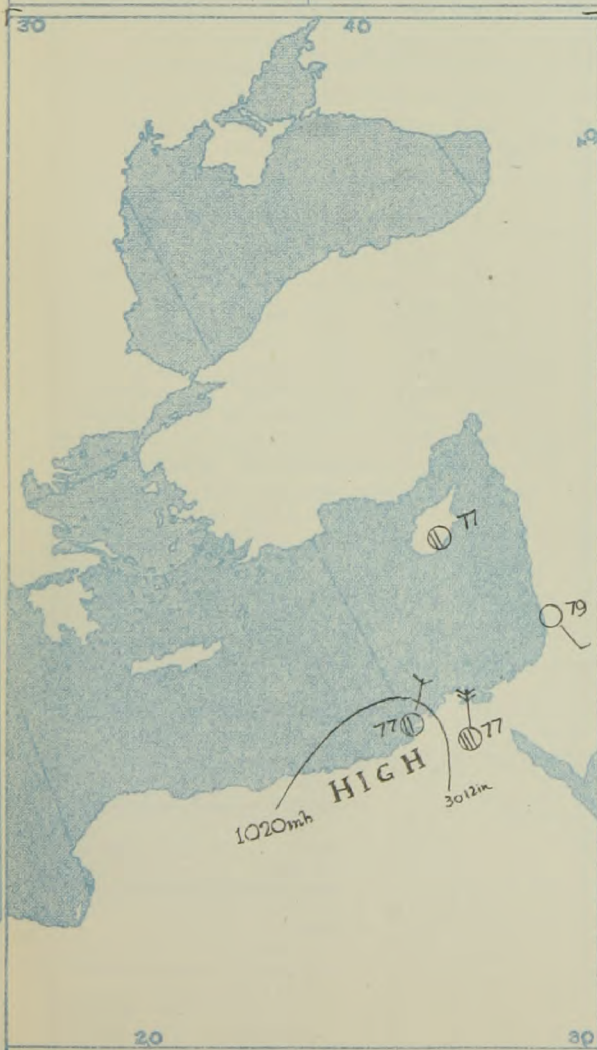
## The Conditions at 7h. Today.

The barometer is now highest in a band extending from the Bay of Biscay to central Europe and beyond, and lowest in a depression centred between the Faroe and Iceland. The changes in pressure are slight, but very generally upward. The wind is from the South-Westward or Southward throughout the British Isles and their neighbourhood, the force being fresh in many localities, and strong to high along our western seaboard. Temperature has risen very generally, and is now high for the time of year in most parts of England and Scotland. As a whole the sky is densely overcast, but excepting at some Irish and Scottish stations, and in a few isolated places elsewhere there is no rain falling. Snow is falling over the greater part of Iceland.

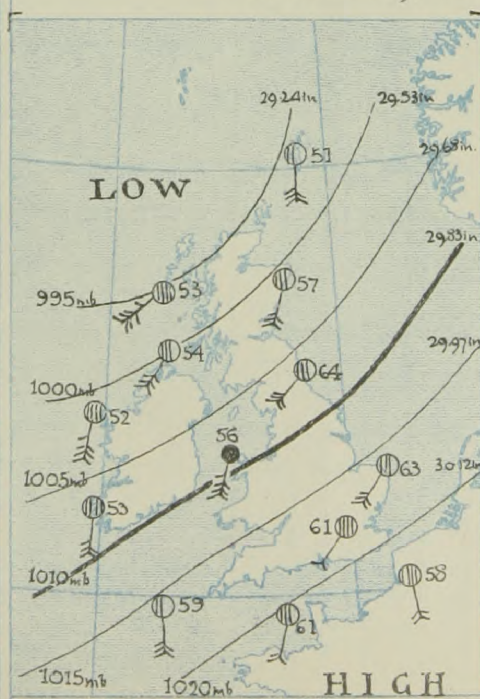
## The Outlook

There are no indications of any important modification in the relative positions of the high and low pressure systems and it is consequently expected that the unstable weather will continue over the British Isles.

H.N.

Thursday, 10<sup>th</sup>

OCTOBER, 1918, at 13h. (1p.m.) G.M.T.



The barometer is changing very slightly but somewhat irregularly, and no alteration is occurring in the general distribution of pressure.



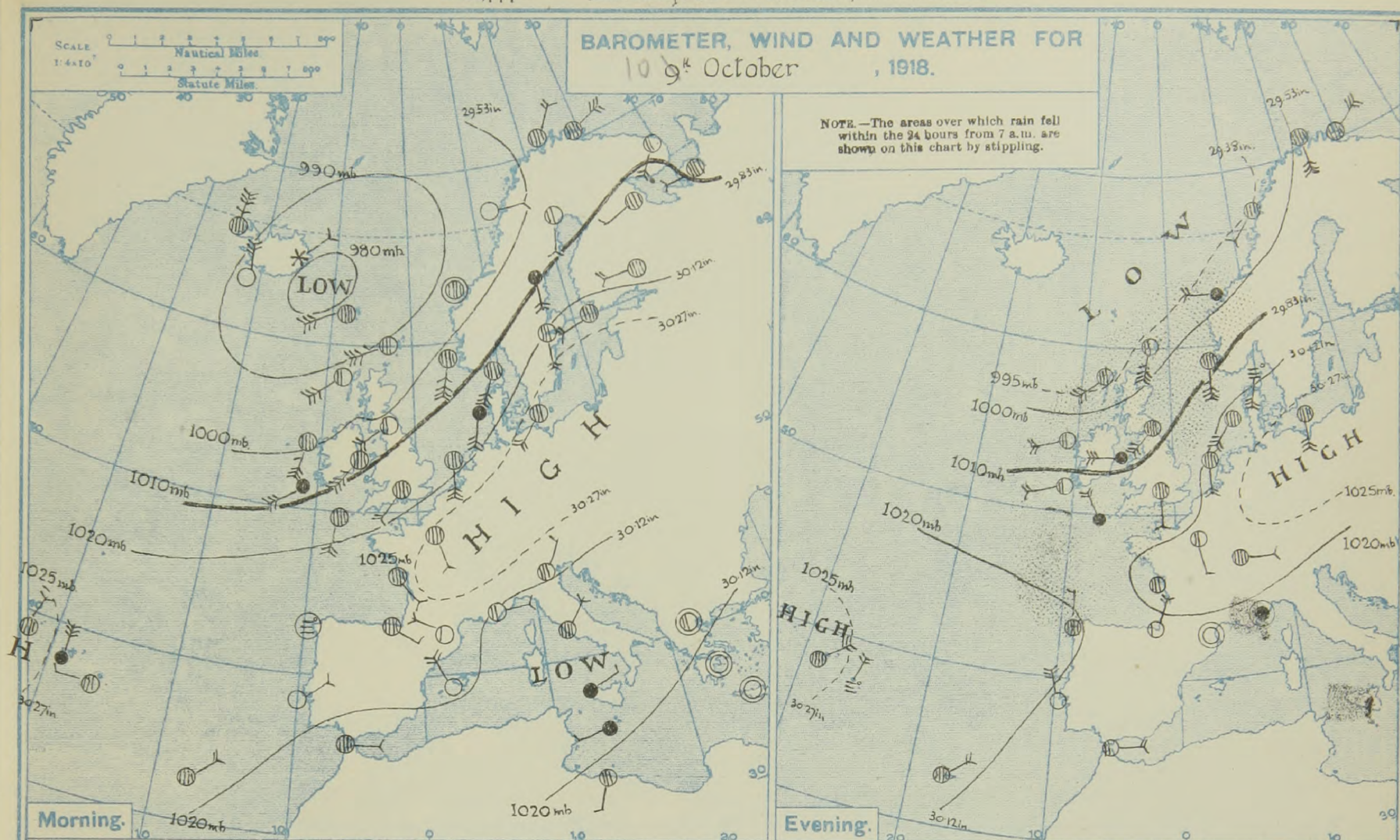
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 283. THURSDAY, 10TH OCTOBER.

STATIONS.		EVENING OF 9TH					MORNING OF 10TH										24 HOURS ENDED 7 h. 10TH					Sun- shine for 9TH
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP. °F.	Change in 24 hours.	WIND.		Dir. of Upper Cloud.	Weather.	Sea 6-9	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force 0-12.						Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
		°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	Hours.
BRITISH ISLANDS.	Lerwick	993.1	48	S	8	omrq	991.5	+4	50	+5	WSW	7	—	cmq	4	7	52	44	c	omq	cmq	
	Deerness (Orkney)	991.3	49	SSE	5	orgu	992.9	*	51	+5	SW	5	SW	cu	4	4	51	46	ogu	org	ropc	0.0
	Stornoway	986.4	53	SSW	5	or	992.0	+3	48	0	SW	6	—	bc	5	11	56	46	op	or	orbc	0.0
	Castlebay (Barra Isd.)	998.5	57	SW	5	omr	994.3	+2	52	?	SW	5	SW	b	6	8	56	49	r	r	ropb	0.0
	Glasgow	1000.6	55	SW	6	odm	1000.3	+5	55	+11	SW	5	—	omr	*	15	59	43	r	r	oporg	0.0
	Esksdalemuir	1000.6	55	SW	6	odm	1002.9	+1	53	+10	SSW	7	—	ome	*	16	56	41	ororm	orm	dmome	0.0
	Malin Head	993.5	56	SW	6	omqd	997.2	+2	52	+4	SSW	5	SW	cq	5	8	56	48	omr	omqd	og	0.0
	Blacksod Point	993.0	53	SSW	9	omq	999.0	+1	51	-3	SSW	7	—	omq	7	7	58	45	omq	omqp	omrmp	0.0
	Valencia (Cahirciveen)	1005.2	58	S	6	o	1006.1	+3	51	-5	SW	5	—	r	5	5	58	51	o.b.p	o	o.odr	0.0
	Roche's Point	1008.1	55	WSW	4	o	1007.9	*	53	-3	SSW	5	—	o	5	3	56	52	omd	m	omdm	*
	Birr Castle	1004.0	60	SW	2	r	1004.4	*	55	-1	SW	1	—	r	*	78	61	55	or	or	or	0.0
	Donaghadee	1000.6	59	SW	5	ogmq	1000.5	+2	56	+6	SW	5	—	ompg	4	8	60	49	omrq	omr	bcmpg	*
	Liverpool (Bidston)	1007.0	57	SW	3	bc	1008.9	+2	59	+15	SW	5	—	b	4	11	59	44	r	poc	cq.bcb	0.0
	Holyhead	1005.8	56	SW	6	omq	1007.3	+0	56	+5	SW	7	—	ogqm	6	19	57	50	orm	oro.orn	o.odem	0.0
	Pembroke (St. Ann's)	1012.0	56	SW	5	opd	1012.1	-1	56	+2	SW	6	—	og	5	2	57	54	ogrop	ogpd	ogpog	0.0
	Hartland Quay	1016.1	56	WSW	4	ome	1016.7	-1	56	+1	SSW	4	SW	o	5	0.4	58	52	omeq	ome	omeq	0.0
	Scilly (St. Mary's)	1016.1	57	WSW	6	dmq	1016.9	0	57	+3	SW	6	N	omq	*	2	58	53	dmq	dmq	dmq	0.0
	Falmouth	1019.5	58	SW	3	odm	1021.4	*	58	+7	SW	2	—	o	3	9	58	50	orodm	orodm	odmo	0.0
	Jersey (St. Aubin)	1015.4	56	WSW	5	o	1018.2	0	58	+5	SW	5	—	o	5	5	58	53	or	o.c.	c.o.	*
	Portland Bill	1017.4	54	SSW	6	r	1019.2	+1	58	+10	SW	4	SW	c	4	5	58	48	cpq	cqor	ogrc	*
Dungeness	1017.4	54	SSW	6	r	1019.2	+1	58	+10	SW	4	SW	c	4	5	58	48	cpq	cqor	ogrc	*	
NORTHERN EUROPE.	Wick	992.9	50	S	6	r	994.8	+5	51	+4	SW	3	—	omp	3	4	57	47	omq	omrq	acomp	*
	Nairn	991.5	52	—	0	og	994.3	*	53	+7	W	4	—	cqg	3	2	57	44	dgo	dgo	ocq	0.0
	Aberdeen	996.4	51	S	3	orm	997.9	+4	56	+10	SSW	3	—	omd	3	7	60	46	ogpm	orm	ompgd	0.0
	Leith	997.0	58	SW	3	r	998.8	+1	60	+15	SW	6	SW	c	3	4	62	45	omd	acod	dgoac	*
	Tynemouth	1002.6	55	SW	3	om	1004.5	+1	60	+14	SW	3	—	bcg	4	5	60	45	omr	omr	cmqbcg	*
	Spurn Head	1008.5	53	S	5	ogr	1012.1	+1	56	+12	SSW	3	—	cr	4	9	56	43	or	ogr	bcg.ac	0.0
	Yarmouth (Gorleston)	1014.5	51	SSW	7	omqr	1016.2	+2	56	+16	SSW	2	—	bc	3	5	58	39	cmomr	omqr	o.op.bcb	0.0
	Clacton-on-Sea	1016.3	53	SSW	5	og	1018.7	+3	55	+8	SSW	3	—	bc	2	3	55	46	ogd	ogd	ogr.bcb	0.0
	Nottingham	1009.8	58	SW	3	o	1013.0	*	59	+16	SW	3	SW	o	*	5	59	43	r	ro	o	0.0
	Benson (Oxon.)	1014.2	55	SSW	3	o	1016.6	+2	57	+14	SW	4	—	o	*	9	58	43	oerm	ro	o.bcb	*
FRANCE, &c.	Sth Farnborough	1015.7	57	SW	5	orm	1018.3	+1	57	+14	SW	4	—	o	*	5	58	43	omrm	orm	ororm	0.0
	Salisbury Plain	1015.6	57	W	1	o	1018.5	+1	57	+12	S	3	—	od	*	6	57	45	odrd	od.r	odopd	0.0
	London (Kew Obsy.)	1015.6	55	SSW	3	o	1018.4	+2	58	+15	SW	3	—	o	*	3	58	42	omwor	oro.odo	o.odo	0.0
	Spitsbergen	1005.7	37	W	4	r	1008.3	+2	37	-2	ENE	5	—	o	4	*	39	34	*	*	*	*
	Vardö	999.3	45	E	1	o	997.7	-4	45	+2	E	2	—	b	2	?	46	43	*	*	*	*
	Bodö	999.3	45	E	1	o	997.7	-4	45	+2	E	2	—	b	2	?	46	43	*	*	*	*
	Christiansund	1003.3	48	W	3	c	991.7	-2	54	+6	—	0	—	o	3	1	54	45	*	*	*	*
	Skudesnaes	1007.0	50	S	7	r	1003.3	+1	54	+4	SSW	8	—	o	7	16	54	48	*	*	*	*
	Færder (Xianla Fjord)	1014.3	52	SW	6	c	1009.0	-3	52	0	S	8	—	m	5	2	54	50	*	*	*	*
	The Scaw (Skagen)	1016.6	52	SW	3	o	1012.8	+1	50	0	SSW	6	—	o	6	2	55	46	*	*	*	*
IBERIA, &c.	Blaavands Huk	1019.3	52	W	5	bc	1017.0	+1	52	0	SSW	5	—	r	*	1	54	46	*	*	*	*
	Copenhagen	1023.3	52	WSW	3	b	1023.4	+0	52	+4	WSW	5	—	o	*	—	55	48	*	*	*	*
	Bornholm	1014.6	48	W	3	m	1026.0	+1	50	+2	SW	4	—	c	1	—	52	45	*	*	*	*
	The Helder	1019.3	50	S	5	r	1019.7	+2	52	+6	S	6	—	o	3	trace	54	46	*	*	*	*
	C. Gris Nez	1018.9	50	SW	5	r	1020.7	+1	55	+9	SW	4	*	r	2	57	46	*	*	*	*	
	La Hève	1020.7	52	SW	5	o	1022.1	+1	54	+8	SSW	3	*	o	3	?	57	46	*	*	*	*
	Brest (St. Mathieu)	1019.7	57	SW	4	o	1021.7	-1	57	+3	SW	4	*	o	1	59	54	*	*	*	*	
	Rochefort (Ile d'Aix)	1025.0	57	SW	3	o	1023.9	-1	55	+5	SE	2	*	o	5	59	50	*	*	*	*	
	Biarritz	1026.1	59	SSW	1	o	1024.0	-1	54	-5	ESE	1	*	o	—	64	54	*	*	*	*	
	Paris	1024.7	52	S	2	o	1025.2	+1	50	+14	SSE	2	—	o	*	—	59	36	*	*	*	*
MEDITERRANEAN.	Belfort	1026.4	43	E	1	b	1028.6	*	37	-4	E	2	*	f	*	—	54	36	*	*	*	*
	Lyons	1024.4	46	NW	2	b	1027.1	+1	43	0	—	0	*	b	*	—	54	37	*	*	*	*
	Nice	1013.5	55	—	0	c	1019.3	+1	55	+3	E	2	*	bc	*	—	66	50	*	*	*	*
	Perpignan	1021.1	57	NW	3	b	1023.1	+3	55	-1	NW	2	—	b	*	—	64	52	*	*	*	*
	Sanguinaire	1009.6	64	NW	3	o	*	*	*	*	*	*	*	*	*	—	64	52	*	*	*	*
	Corunna	1026.9	61	N	1	b	1022.1	-1	55	+3	—	0	—	m	8	—	63	48	*	*	*	*
	Madrid	1021.9	70	NNE	3	b	1021.1	+1	57	+2	NE	2	—	b	5	—	73	55	*	*	*	*
	Lisbon	1021.2	*	SSW	5	bc	1024.0	+4	59	-5	NNE	6	*	r	3	2	72	59	*	*	*	*
	Azores (Horta)	1021.2	*	S	3	bc	1022.1	+1	66	0	W	1	*	c	2	1	72	64	*	*	*	*
	„ (P. Delgada)	1021.9	*	S	3	bc	1022.1	+1	66	0	W	1	*	c	2	1	72	64	*	*	*	*
	Madeira	1021.6	70	ENE	4	o	1021.9	0	66	+2	NE	3										



# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20777... Friday, 10<sup>th</sup> October, 1918.



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

STATIONS.		EVENING OF 9 <sup>TH</sup>					MORNING OF 10 <sup>TH</sup>										MORNING 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.		Weather.	
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours.	Direc.	Force 0-12.		Weather.	Max.			Min.	Dry Bulb. ° F.	Change in 24 hours.	Direc.		Force 0-12.
RUSSIA.			° F.												° F.	° F.							
	Archangel ...														*								
	Petrograd ...														*								
	Moscow ...														*								
SWEDEN.																							
	Hernösand ...																						
	Stockholm ...																						
	Wisby ...																						
ITALY.																							
	Venice ...	1016.9	?	E	1	?	1021.4	*	55	+7	NE	1	c	21	57	48							
	Turin ...	1018.6	55	-	0	c	1023.9	*	54	+4	-	0	o	-	64	50							
	Pesaro ...	1014.3	55	W	1	bc	1019.5	*	61		E	1	o	13	61	52							
	Leghorn ...	1013.9	57	-	0	c	1017.9	*	57	0	NE	1	o	1	66	55							
	Rome ...	1013.1	59	E	1	o	1017.3	*	57	-4	NE	2	o	2	66	54							
	Viesti ...							*															
	Brindisi ...							*															
	Cagliari ...							*															
	Palermo ...	1014.1	57	ESE	2	o	1017.8	*	59	-4	ENE	1	γ	1	72	55							
	Tripoli ...	1018.3	68	WSW	1	b	1022.5	*	66	+2	SSW	1	c	40	99	63							

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM				
11 <sup>TH</sup> & 12 <sup>TH</sup> OCT. 1918.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmcuth ...	...	6.13	11.40	5.6
		6.15	11.40	5.4
Greenwich ...	...	6.19	11.47	5.15
		6.21	11.47	5.13
Wick ...	...	6.41	11.59	5.17
		6.44	11.59	5.14
Valencia ...	...	7.0	12.28	5.55
		7.2	12.28	5.53

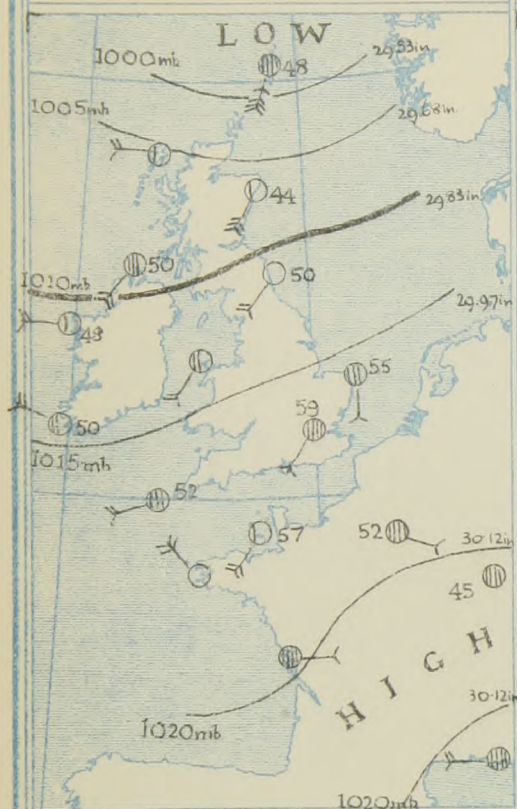
LONDON		HUMIDITY.		Sun-shine for 10 <sup>TH</sup>	24 HOURS ENDED 9 h. 11 <sup>TH</sup>							WEATHER.			SOUTH KENSINGTON (M.O.)		
		15 h.	9 h.		Max.	Min.	Min. on Grass.	Rain-fall.	Morning.	Afternoon.	Night.						
11 <sup>TH</sup> OCTOBER 9 h. G.M.T.		%	%	Hours.	°F.	°F.	°F.	mm.							Vertical Component of Solar Radiation per square Centimetre during 12 <sup>TH</sup>		
GREENWICH (Royal Observatory)		89	92	0.6	64	55	51	1	o	odp	od				Total.	Average Rate.	Max. Rate.
CITY (Bunhill Row)		*	*	0.0	*	*	*	*	*	*	*				Joules.	Milliwatts.	Milliwatts.
WESTMINSTER (St. James's Park)		86	88	0.2	62	57	51	0.4	*	*	*				250	6.4	19.0
„ (Roof near Charing X)		88	88	0.0	61	58	-	trace	om	odog	o. bc						
CAMDEN SQ. (British Rainfall)		88	88	0.0	62	55	49	-	o	o	*						
KENSINGTON PALACE		87	86	0.2	63	55	48	-	o	o	*						

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



11<sup>th</sup> OCT, at 1h. G.M.T.

THE MORNING OF Friday, 11<sup>th</sup> OCTOBER 1918, at 7h. G.M.T.



# EXPLANATION.

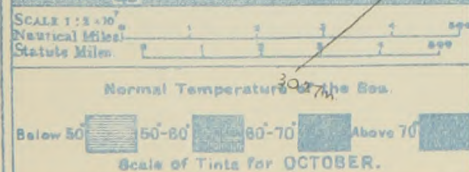
**BAROMETER.**—Isobars are drawn for intervals of five millibars.

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

Temperature rose to 60° or a little higher over the greater part of England and in the south of Scotland. Slight rain fell at most stations, and as much as 19 mm. at Eskdalemuir. Bright sunshine was again nil in several localities, but at Liverpool and Scilly the record exceeded 5 hours, and at Naïm reached 8 hours. The strong winds died down very quickly during the latter part of the day and in the night.

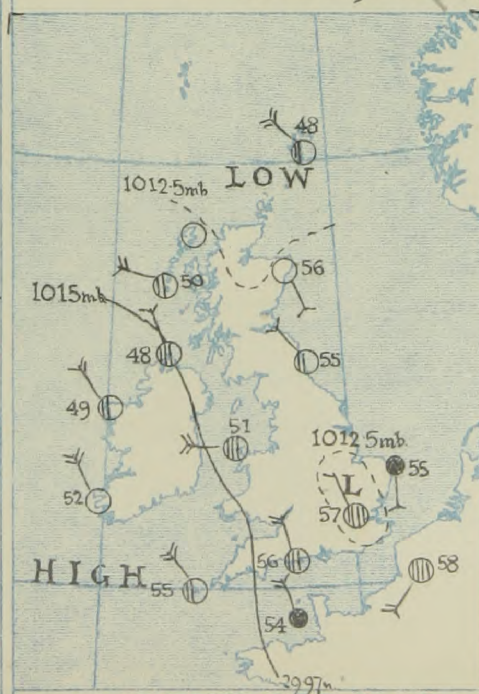
## The Conditions at 7h. Today

A depression of considerable size but of slight intensity is centred between Iceland and Norway, while a very shallow secondary covers southern England and the Channel. Pressure is highest to the west of the Azores, and high over the Southern Baltic region. The winds are very light, and more variable in direction than of late. In the south-east of England and the nearer parts of the Continent they are Southerly, and in our other districts mainly between W. and NW. Rain is falling at various English stations, but over a considerable area in the north and west of the Kingdom the weather has become fair. Temperature is still rather high in the south-east of England.

## The Outlook

The modification in the pressure distribution which has occurred during the past 24 hours will bring about a North-Westerly to Westerly wind over the whole Kingdom for a time, with a fall of temperature and drier weather. It is probable, however, that within a day or so another depression will arrive from the Atlantic causing a reversion to a South-Westerly type of weather conditions.

H.R.

Friday, 12<sup>th</sup> || OCTOBER, 1918, at 12h. (1p.m.) G.M.T.

The shallow depression in the south of England is moving slowly eastward and the barometer is rising slightly at most of our northern and north-western stations.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 284.

FRIDAY  
11TH OCTOBER.

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> Hours.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 8 hours.	TEMP. °F.	Change in 24 hours.	WIND.		Dir. 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	995.2	51	SSW	7	bcq	1006.4	+5	43	-7	NW	6	NW	bc	4	0.4	51	42	bcq	bcq	bc			
	Deerness (Orkney)	995.2	51	S	6	c	1009.1	*	45	-6	W	3	S	bcp	2	1	55	44	c.bc	bc.c	c.bc	2.7		
	Stornoway	994.1	50	SW	6	cpq	1009.3	+6	42	-6	SW	2	-	b	1	5	53	40	opq	o.cpq	b	0.3		
	Castlebay (Barraisd.)	998.7	51	W	6	o	1012.6	+3	48	-4	WNW	4	-	op	4	2	53	46	bom.	om.cpo	o.bop	1.2		
	Glasgow	1003.9	51	SSW	4	omp	1013.2	+4	45	-10	SW	1	W	cm	*	5	55	44	r	romp	optoe	0.0		
	Eskdalemuir	1006.2	48	SW	5	orm	1014.4	+4	40	-13	N	1	-	ofe	*	19	54	39	dm.orm	orm	oum.be	0.0		
	Malin Head	1002.2	51	SW	5	cmq	1011.2	+3	48	-4	SW	3	SW	bcm	3	1	55	47	cq	cmqp	bcp	0.0		
	Blacksod Point	1005.8	50	WSW	4	bcm	1013.7	+3	47	-4	WNW	3	NW	bcp	4	1	53	45	omp	bcm	bz.bc			
	Valencia (Cabirciveen)	1010.7	52	WSW	3	bc	1016.6	+2	49	-2	NW	3	W	bc	4	3	54	48	op	op.bc	bcpbc	1.7		
	Roche's Point	1011.6	51	SW	3	c	1016.1	*	43	-10	WNW	1	-	b	1	2	54	43	dm	dmc	bc.b			
	Birr Castle	1008.7	50	SW	1	c	1015.3	*	41	-14	S	1	-	m	*	2	59	41	oro	orp.cq	fe	0.0		
	Donaghadee	1004.3	51	SW	5	ompq	1013.1	+3	42	-14	W	3	-	cm	2	1	56	41	ompq	cm.opq	bcmcm			
	Liverpool (Bidston)	1009.3	58	SSW	3	r	1014.2	+1	47	-12	SSW	3	-	?	1	4	62	46	bcq	bc.o	bm	5.1		
	Holyhead	1008.7	50	W	5	orm	1013.8	+1	49	-7	W	3	W	cq	1	8	57	47	oe.odm	orm	optoc	0.0		
	Pembroke (St. Ann's)	1012.8	51	W	4	o	1015.1	+1	51	-5	WNW	2	NW	c	4	1	58	50	og.cq	cq.ogp	ocpc	0.0		
	Hartland Quay																					*		
	Scilly (St. Mary's)	1015.1	53	NW	4	omd	1016.1	+0	51	-5	NW	4	NW	c	3	1	59	50	o.cbcm	bc.cod	od.ce	5.2		
	Falmouth	1014.8	56	SSW	6	dmq	1015.8	+1	49	-8	WNW	2	W	bcm	*	2	59	46	eqog	ogdmq	bcm	0.0		
	Jersey (St. Aubin)	1019.0	60	SW	3	o	1014.9	*	57	-1	SW	3	-	oe	2	1	62	57	oe.c	o	obode	0.0		
	Portland Bill	1017.3	58	SW	4	c	1014.0	0	52	-6	NNW	3	-	od	3	2	59	51	od	o.c	od	*		
	Dungeness	1018.6	58	SSW	4	c	1014.9	-1	57	-1	SSW	2	-	c	1	1	60	56	cr.cb	bcpe	cgdc	*		
Wick	996.8	51	SW	5	cm	1010.7	+5	42	-9	W	3	-	b	3	0.2	55	41	op.bcm	bc.cm	bcm	*			
Nairn	998.0	52	SW	4	cq	1010.4	*	41	-12	-	0	-	bc	0	-	58	40	c.bq	q.bcc	c.bcc	8.0			
Aberdeen	1002.0	53	SSW	4	o	1012.0	+5	43	-13	-	0	-	bz	3	-	59	39	md.bq	cq.bc.o	c.bc.bz	2.7			
Leith	1002.8	53	SW	4	o	1012.2	+1	46	-14	SW	1	SW	bz	2	1	60	45	o.poc	c.bc.c.o	o.pcc	*			
Tynemouth	1005.8	60	SW	5	omq	1013.6	+2	48	-12	WSW	2	-	bcm	3	1	64	47	cmq	cmq	bmbcm	*			
Spurn Head	1012.7	58	SSW	4	cq	1014.7	0	51	-5	W	1	-	o	3	2	61	50	cq	cq	OT	2.6			
Yarmouth (Gorleston)	1016.1	58	SW	5	o	1014.6	-1	55	-1	-	0	-	omd	2	-	65	54	bcq	c.om	bcm.om	4.1			
Clacton-on-Sea	1018.2	57	S	3	o	1014.9	-1	55	0	S	2	-	cmge	2	-	62	54	bc.c.bc	bc.co	oe.cmg	3.6			
Nottingham	1013.1	61	SW	4	o	1014.5	*	51	-8	SW	1	SW	om	*	1	63	50	o.c	c.o	op	0.7			
Benson (Oxon.)	1016.8	59	SSW	2	bc	1013.5	+1	50	-7	NNW	1	-	r	*	2	61	50	o	o.bc	orm	*			
Sth Farnborough	1017.7	59	SSW	4	om	1014.1	-2	54	-3	S	3	-	cm	*	1	61	53	odom	dm.om	oro.bc	0.2			
Salisbury Plain	1016.7	57	SW	2	c	1014.5	0	50	-7	W	2	-	od	*	4	60	49	odo.od	od.ode	cdopd	?			
London (Kew Obsy.)	1017.6	59	S	2	o	1014.0	-1	55	-3	S	1	S	cm	*	0.3	61	55	o	odo	o.bc.orm	0.0			
NORTHERN EUROPE.	Spitsbergen												*	*	*			THE BEAUFORT SCALE OF WIND FORCE.						
	Vardö	1005.6	36	NE	5	o	997.7	+3	39	+2	W	4	-	bc	2	*	39	34						
	Bodö	995.0	50	SW	2	o	996.7	0	48	+3	SSE	5	E	o	2	?	50	43						
	Christiansund	998.6	52	W	3	r	1002.3	+6	50	-4	W	4	-	c	3	35	54	45						
	Skudesnaes	1007.5	54	S	7	o	1010.9	+4	52	-2	WSW	4	NE	c	4	8	55	52						
	Færder (X'ianla Fjord)	1013.0	55	SSW	7	m	1012.3	-0	54	+2	SSW	6	-	f	4	2	55	52						
	The Scaw (Skagen)	1015.9	52	SSW	5	m	1015.4	+1	52	+2	SSW	4	-	m	4	-	54	48						
	Blaavands Huk	1021.5	52	SW	5	o	1017.0	-1	54	+2	SSW	2	-	o	*	trace	55	50						
	Copenhagen	1023.8	54	SW	4	o	1020.8	-1	52	0	WSW	2	-	c	*	-	54	52						
	Bornholm	1025.7	52	S	5	o	1022.7	-2	48	-2	S	2	-	b	0	-	52	46						
FRANCE, &c.	The Helder	1020.0	54	S	4	o	1016.7	0	52	0	SSE	2	-	o	2	-	55	52						
	C. Gris Nez	1021.0	55	S	1	o	1017.1	-3	55	0	S	1	*	m	-	-	59	54						
	La Hève	1020.7	54	S	3	o	1016.8	0	55	+1	SSE	2	*	o	-	1	66	54						
	Brest (St. Mathieu)	1019.4	59	S	4	o	1016.7	+0	54	-3	N	3	*	c	-	5	59	52						
	Rochefort (Ile d'Aix)	1021.2	59	-	0	c	1016.8	-1	55	0	SE	2	*	o	*	-	68	54						
	Biarritz	1019.3	63	NNE	3	b							*											
	Paris	1021.7	57	SSE	1	bc	1017.5	-2	48	-2	SSE	1	-	o	*	-	63	48						
	Belfort	1023.3	46	E	2	o	1019.9	*	39	+2	-	0	*	f	*	-	52	36						
	Lyons	1022.7	48	-	0	b	1019.3	-1	37	-6	-	0	*	f	*	-	59	34						
	Nice	1019.0	57	-	0	r	1017.1	0	54	-1	-	0	*	o	*	2	72	52						
IBERIA, &c.	Perpignan	1018.7	59	-	0	b	1017.9	0	45	-10	SW	1	-	b	*	-	72	43						
	Sanguinaire	1015.7	61	NW	3	c	*	*	*	*	*	*	*	*	*	*	*	*						
	Corunna	1021.6	61	N	1	o	1021.6	+2	59	+4	NNW	1	SW	c	4	5	64	55						
	Madrid																							
	Lisbon	1019.0	68	NNW	5	b	1020.2	+1	59	+2	N	2	-	c	5	-	73	57						
	Azores (Horta)	1026.6	*	NE	5	o	1030.0	+1	61	+2	NE	5	*	o	3	-	68	59						
	" (P. Delgada)	1024.2	*	NNE	4	m	1028.4	+2	61	-5	NE	3	*	o	3	-	70	61						
	Madeira	1020.8	70	NE	3	o	1021.9	0	63	-3	N	3	-	b	3	-	72	63						
	Gibraltar	1019.6	66	E	3	c	1018.9	*	65	+2	E	3	*	bc	0	-	71	60						
	Palma																							
MEDITERRANEAN.	Algiers	1020.6	63	N	1	bc	1019.9	0	52	9	SSW	1	-	c	-	-	68	48						
	Malta	*	*	*	*	*	1016.7	+2	66	+9	NE	3	-	bc	2	3	66	57						
	Salonica	1022.4	65	NNW	1	b	1022.1	?	61	0	N	1	SW	bc	*	-	78	58						
	Athens	1023.7	68	ESE	1	b	1022.1	+1	68	0	-	0	-	c										

\* Information for these columns not usually received.

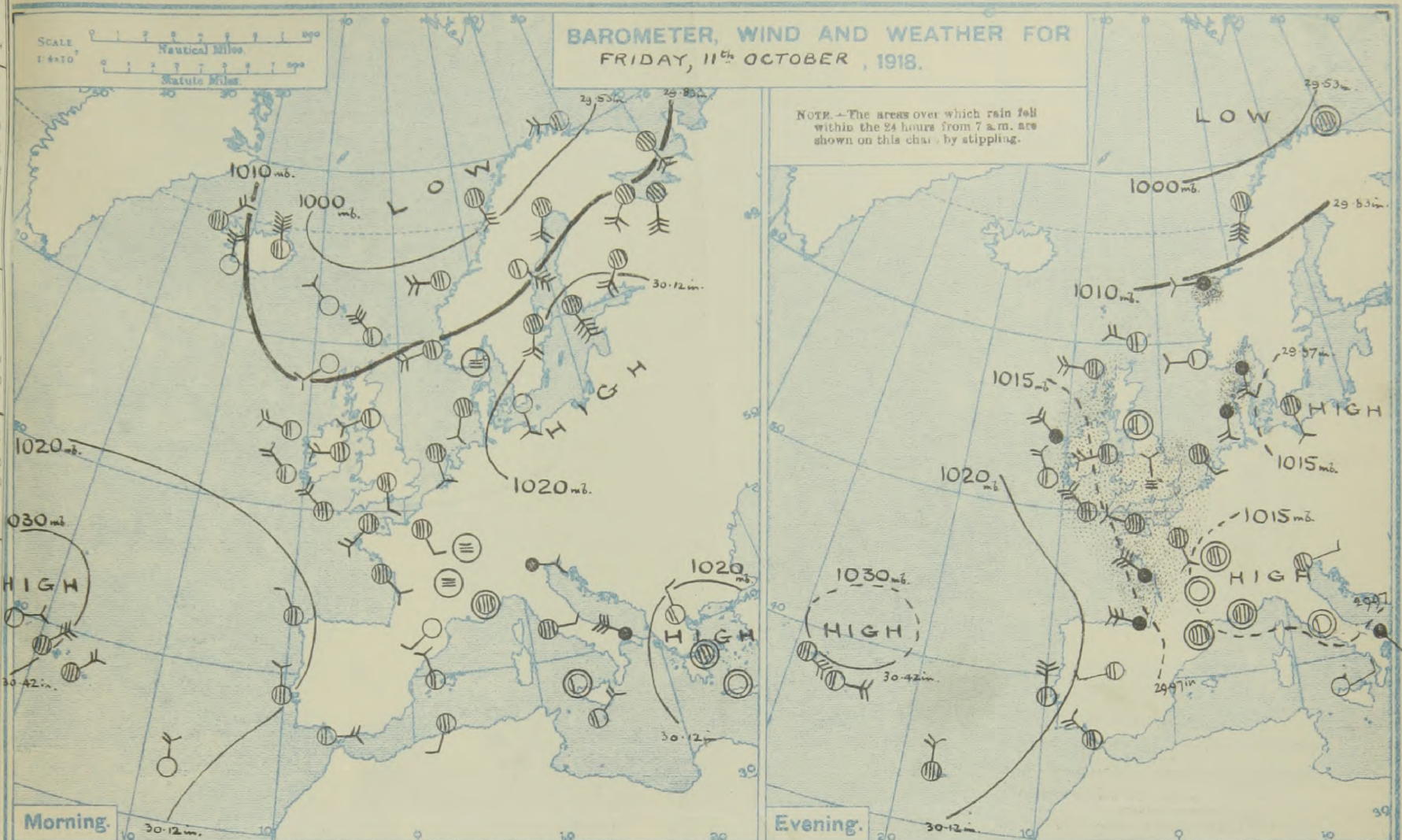


# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 778

SATURDAY, 12<sup>th</sup> OCTOBER, 1918.

## BAROMETER, WIND AND WEATHER FOR FRIDAY, 11<sup>th</sup> OCTOBER, 1918.



### WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 11<sup>th</sup> OCTOBER.

STATIONS.		EVENING OF 10 <sup>TH</sup>					MORNING OF 11 <sup>TH</sup>										MORNING OF 11 <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.
		° F.						° F.	° F.					° F.	° F.			° F.	° F.				
RUSSIA.	Archangel ...													*	*		Isafjord ...	1012.3	34	+8	NNE	3	o
	Petrograd ...													*	*		Reykjavik	1013.2	32	-2	N	4	bc
	Moscow ...													*	*		Vestmanna	1010.7	32	-2	N	5	b
SWEDEN.	Hernösand ...						*						*	*	*	Seydisfjord	1003.9	34	-2	N	9	c	
	Stockholm ...						*						*	*	*	Thorshavn	1004.0	40	-4	NW	2	o	
	Wisby ...						*						*	*	*	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM							
ITALY.	Venice ...	1020.4	59	E	1	bc	1017.4	*	57	+2	E	2	T	4	65	53	12 <sup>TH</sup> & 13 <sup>TH</sup> OCT 1918.		Sunrise.	Noon.	Sunset.		
	Turin ...	1021.9	54	-	0	T	1018.3	*	55	+1	-	0	T	5	61	52		G.M.T.	G.M.T.	G.M.T.			
	Pesaro ...						*										6.15	11.40	5.4				
	Leghorn ...	1016.2	59	NNE	1	o	1016.1	*	59	+2	-	0	C	2	63	55	Yarmouth ...	6.17	11.39	5.1			
	Rome ...	1018.7	57	-	0	o	1016.6	*	66	+9	E	1	o	9	66	54	Greenwich ...	6.21	11.47	5.13			
	Viesti ...						*										6.22	11.46	5.10				
	Brindisi ...	1020.9	64	SE	3	C	1019.0	*	61	?	NW	6	T	-	73	63	Wick ...	6.44	11.59	5.14			
	Cagliari ...						*										6.46	11.58	5.11				
	Palermo ...	1017.1	63	-	0	C	1016.6	*	63	+4	-	0	b	-	64	50	Valencia ...	7.2	12.28	5.53			
	Tripoli ...						*										7.4	12.27	5.50				

LONDON 12 <sup>th</sup> OCT. 9h. G.M.T.		Humidity.		Sun- shine for 11 <sup>th</sup>	24 HOURS ENDED 9h. 12 <sup>th</sup>				WEATHER.		
		15h.	9h.		Max.	Min.	Min. on Grass.	Rain-fall.	Morning.	Afternoon.	Night.
GREENWICH (Royal Observatory)		90	84	0.4	63	48	43	5	o	oY	
CITY (Bunhill Row)		*	*	0.7	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)		89	85	0.6	63	50	47	5	*	*	*
„ (Roof near Charing X)		91	87	0.2	63	50	-	4	b h c o	od. oY	oT. o
CAMDEN SQ. (British Rainfall)		90	81	0.0	63	48	46	5	o	oY	*
KENSINGTON PALACE		82	81	0.0	63	48	46	4	o	oY	*

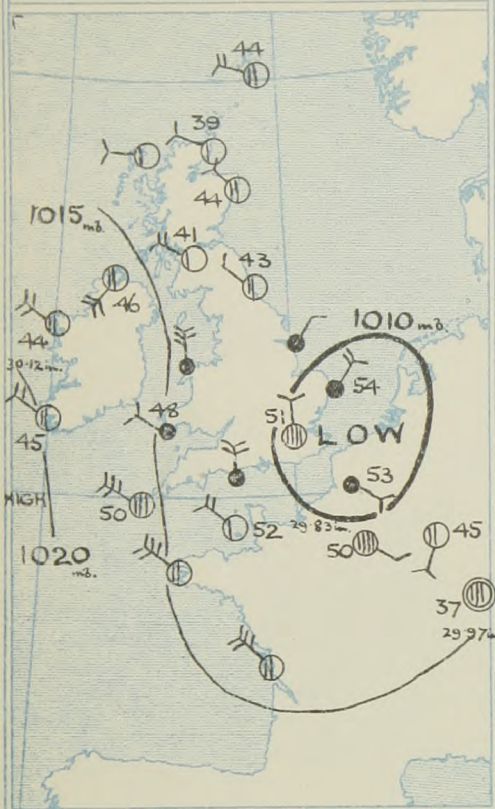
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during 11 <sup>th</sup>		
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
310	7.8	28



12<sup>th</sup> OCT, at 1h. G.M.T.

THE MORNING OF SATURDAY, 12<sup>th</sup> OCTOBER 1918, at 7h. G.M.T.



# EXPLANATION.

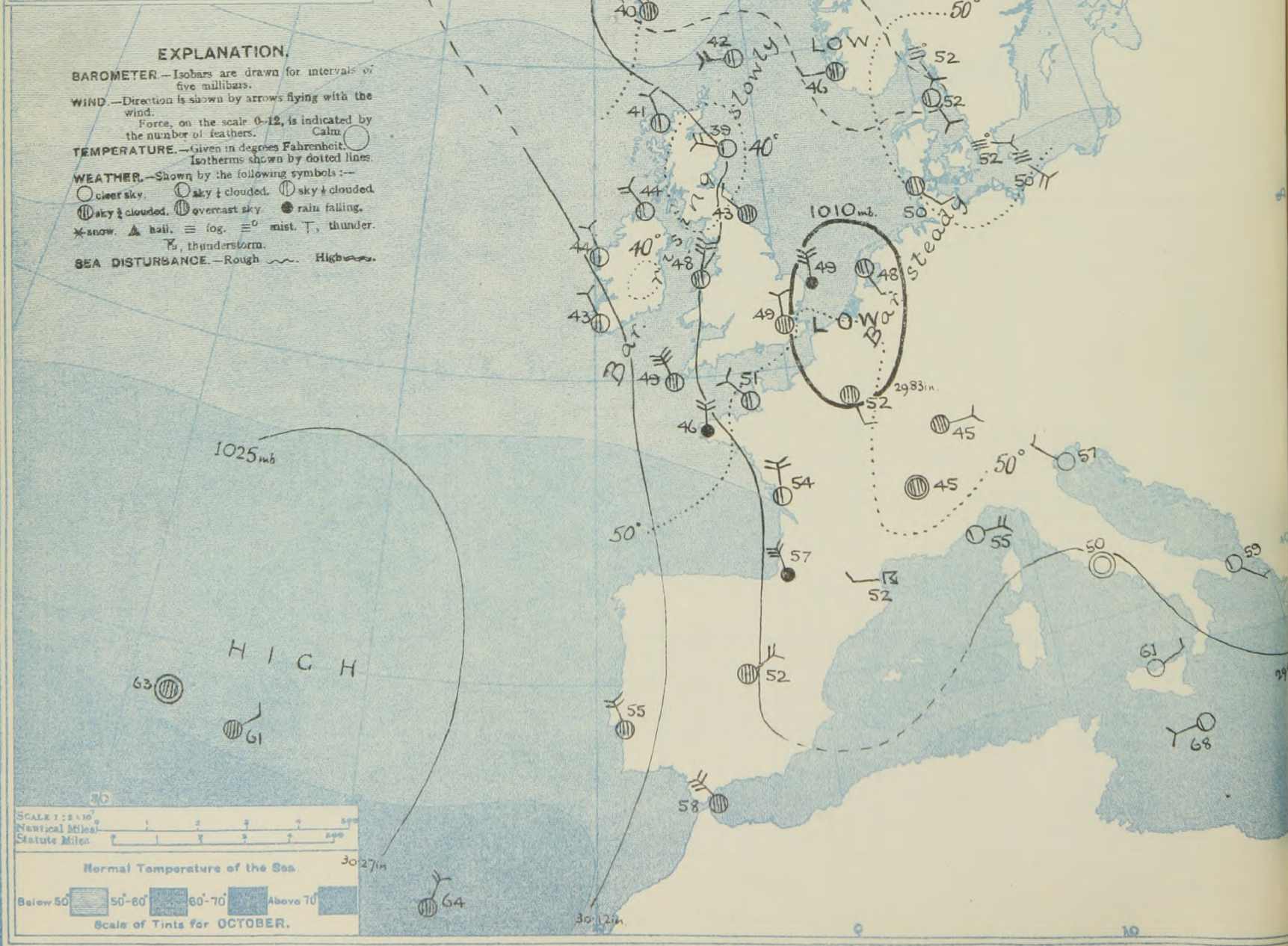
**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**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.  
 T, thunderstorm.

**SEA DISTURBANCE.**—Rough. High.





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

Temperature was lower than of late, but again rose to 61° in London and to above 55° in some other parts of England. Rain was experienced in nearly all English and Irish districts, the largest amount being 16mm. at Gt. Yarmouth. Little or no bright sunshine was recorded in the E and S of England, but in the W and SW of the Kingdom and in Scotland many stations had fair or high records.

## GALES.

Conditions at 7h. Today.

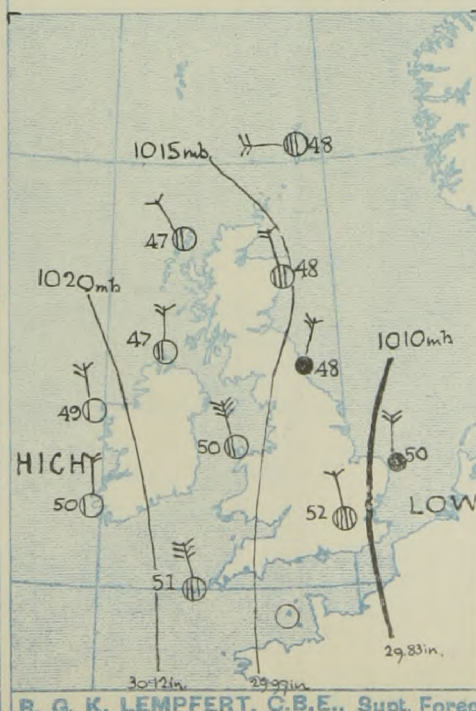
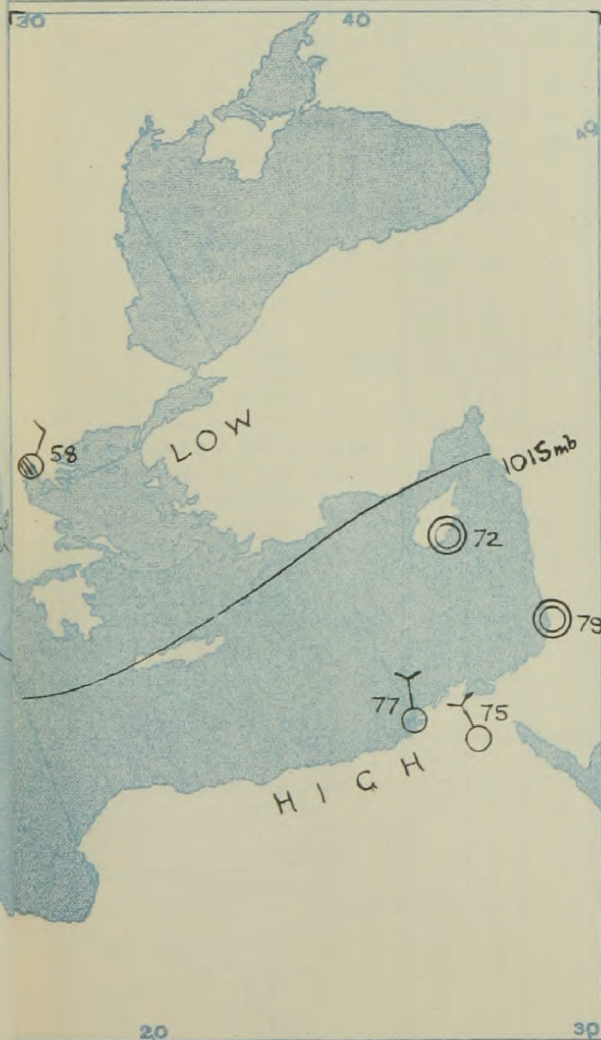
The depression which lay over the South of England yesterday moved very slowly eastward and increased slightly in intensity. Another depression is shown over the north of Norway. The Azores anticyclone has continued to extend towards the W and SW of the British Islands. The wind has shifted to the North in Ireland and England followed by a fall of temperature, and colder weather has also followed a westerly wind in Scotland. Rain is still falling in some English localities, but in most parts of Ireland and Scotland the weather is fair.

The extension North-eastward of the Atlantic anticyclone will probably continue for a period during which the main wind direction over the British Isles will be from between NW and N; with gradually improving weather over England.

*128.*

Saturday, 12<sup>th</sup>

OCTOBER, 1918, at 13h. (1p.m.) G.M.T.



The depression in the SE has continued to move Eastward very slowly and the rise in pressure over our Islands in its rear continues very slight.



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.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 24 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-8.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Dir.	Force 0-12.						Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick	1013.1	45	WNW	3	bc	1014.5	+1	42	-1	W	3	W	bc	2	—	49	40	bc	bc	bc		
	Deerness (Orkney)	1012.5	45	WSW	3	bc	1014.2	*	42	-3	WSW	3	NW	cp	2	1	52	40	bc	bc	bc, cp	5.3	
	Stornoway	1013.1	42	W	4	cp	1015.7	+3	41	-1	NNW	2	—	bc	1	1	51	35	bc	bc, cp	bc, cp	5.4	
	Castletown (Barratd.)	1014.3	46	WNW	3	c	1017.7	+3	45	-3	N	3	—	chp	3	1	50	43	op, bc	bc	cp, b, h	8.4	
	Glasgow	1013.9	46	W	2	bc, m	1016.0	+2	37	-8	WNW	2	—	b	*	1	52	35	cop, bc	op, c, bc	bc, bz, c	0.5	
	Eskaledmuir	1013.8	45	WNW	2	c	1015.3	+1	37	-3	N	3	S	bx	*	—	53	35	of, c, b	bc, cp	bc, w, bc	4.1	
	Malin Head	1015.9	49	NW	4	bc	1016.6	+2	44	-4	NW	3	NW	bc, p	3	3	50	43	cp	bc	bc, p	2.8	
	Blacksod Point	1017.2	46	NW	4	bc, p	1019.7	+1	44	-3	NNW	2	N	bc, p	4	3	50	40	bc, p	bc, p	b, p, bc, p	*	
	Valencia (Cahirciveen)	1019.0	48	NNW	3	bc	1021.1	+1	43	-6	NNW	2	NW	bc, p	3	1	53	42	b	bc, p	b, bc, p	7.7	
	Roche's Point	1016.6	48	NNW	2	b	1019.3	*	41	-2	WNW	2	—	b	2	1	55	40	bc, cp	bc, p	b		
	Birr Castle	1016.6	47	NNW	1	c	1019.2	*	34	-7	W	1	W	c	*	—	53	34	c	c	cx	4.8	
	Donaghadee	1014.2	49	NNW	4	emp	1016.0	+2	44	+2	NW	4	NW	bc, m	4	2	53	41	cm, bc, m	bc, m	bc, mp	*	
	Liverpool (Bidston)	1013.5	48	WNW	2	o	1013.4	0	47	0	NNW	1	NW	bc	1	—	54	47	bc, cp	c, o	bc, m	5.6	
	Holyhead	1014.3	49	WSW	3	cg	1014.9	+1	48	-1	NNE	5	—	cg	4	3	54	46	bc, c	cg	bc, cg	3.7	
	Pembroke (St. Ann's)	1014.5	50	NW	2	c	1015.6	+2	45	-6	N	3	—	or	7	7	54	42	bc	bc	c, bc, or	9.0	
	Harland Quay																					*	
	Scilly (St. Mary's)	1017.0	51	NW	5	c	1017.0	+1	49	-2	NNW	6	NW	c	5	1	56	48	c, bc	bc, c	c, p	6.9	
	Falmouth	1014.7	50	NW	2	cp	1014.8	+2	46	-3	NNW	4	—	cp	*	12	58	45	bc, c, bc	bc, cp	cr, cp	6.6	
	Jersey (St. Aubin)	1012.8	54	WNW	2	o	1011.5	*	51	-6	NW	2	NW	bc	2	5	58	50	or, or	or, c, o	o, bc	0.1	
	Portland Bill	1012.3	55	W	2	c	1011.1	0	49	-3	NNW	4	NW	cp	3	1	57	49	c, bc	bc, c	bc, p	*	
Dungeness	1011.0	57	SSW	2	c	1007.7	0	51	-6	NNW	3	—	r	3	7	59	50	c, p	c, p	c, o, r	*		
Wick	1012.4	47	W	2	c	1014.5	+2	38	-4	W	2	—	bc	2	0.2	53	36	bc	bc, cm	bc, mp	*		
Nairn	1012.6	46	—	0	cg	1013.3	*	35	-6	—	0	—	bc	1	0.1	53	33	bc, c	c, bc, c	bc, cx	6.7		
Aberdeen	1013.2	49	SE	2	bc, z	1015.0	+2	39	-4	WNW	3	SW	b	2	—	56	38	bz, by	by, r, bc	bc, c, b	8.5		
Leith	1012.7	48	SW	1	bc	1014.7	+1	39	-7	SW	2	—	c	2	—	54	38	bz, bc	b	bc, cz	*		
Tynemouth	1013.3	50	—	0	bc, m	1013.0	0	43	-5	NW	1	—	om	2	—	57	42	bc, m	bc, m	om	*		
Spurn Head	1012.6	50	NNW	1	or	1011.2	0	48	-3	NNE	3	—	or	2	9	51	47	or	or	or	0.0		
Yarmouth (Gorleston)	1011.0	54	S	2	omp	1008.4	0	49	-6	N	5	—	om, gr	4	16	56	49	omp	omp	omp	0.0		
Clacton-on-Sea	1011.2	55	SE	1	og, me	1008.7	+2	50	-5	NNW	3	N	og	2	11	56	49	og, mp, d	og, mp, e	og, mer	0.0		
Nottingham	1012.5	50	SE	1	o	1012.2	*	47	-4	N	2	—	cm	*	—	53	46	o	o	o	0.0		
Benson (Oxon.)	1011.9	50	NW	1	r	1010.5	+2	46	-4	NW	1	SW	bm	*	7	52	45	od, m	orm	ob, w, m	*		
St. Farnborough	1011.9	51	N	2	orm	1010.7	+1	46	-8	NNW	3	—	om	*	10	58	46	cm, orm	orm	orm, m	0.1		
Salisbury Plain	1012.3	50	NNW	1	o	1011.6	+1	46	-4	NNW	2	NW	o	*	4	54	44	or	o	oc, pd	?		
London (Kew Obsy.)	1011.6	52	N	2	m	1010.6	+1	49	-6	N	2	—	om	*	5	61	48	cm, op	odo, or	or, m	0.1		
NORTHERN EUROPE.	Spitsbergen											*	*	*	*	*		THE BEAUFORT SCALE OF WIND FORCE.					
	Vardö	1000.3	39	—	0	o	1006.4	+3	41	+2	SSE	1	—	o	2	*	43	37	No. Limits of Velocity. Statute miles per hour. Metres per second.				
	Bodö	1004.3	46	SSW	8	o	1009.1	+2	45	-3	S	6	—	c	4	?	50	43					
	Christiansund	1012.3	46	W	2	r	1013.6	+1	45	-5	—	0	—	b	3	5	52	43					
	Skudenes	1013.1	48	W	2	b	1011.9	0	46	-6	W	1	—	c	2	—	54	45					
	Færder (X'ania Fjord)	1013.0	54	SSW	3	f	1013.0	+0	52	-2	SSE	2	—	m	2	4	54	34					
	The Scaw (Skagen)	1013.5	50	S	3	r	1012.4	0	52	0	SSE	2	SE	bc	2	7	54	50					
	Blaavands Huk	1014.1	52	SE	1	r	1013.1	-1	50	-4	SE	1	—	o	*	10	65	46					
Copenhagen	1018.0	50	SSE	3	o	1013.1	-0	52	0	ESE	2	—	m	*	—	54	50						
Bornholm	1017.6	50	SSE	2	o	1013.5	-1	50	+2	SE	3	—	f	0	—	55	48						
FRANCE, &c.	The Helder	1013.0	52	SSE	1	o	1008.8	0	48	-4	SSE	1	—	c	0	2	55	46	BEAUFORT NOTATION. b blue sky (not more than a quarter covered). bc sky partly cloudy (one half covered). c generally cloudy (three quarters covered). d drizzle, or fine rain. e wet air without rain falling. f fog. g gloom. h hail. i lightning. m mist. o overcast sky. p passing showers. q squalls. r rain. rs sleet, i.e., rain and snow together. s snow. t thunder. u ugly, threatening sky. v unusual visibility. w dew. x hoar frost. y dry air; humidity less than 60 per cent. z dust haze; the turbid atmosphere of dry weather.				
	C. Gris Nez	1011.5	57	S	1	c	1008.4	+1	54	-1	N	1	*	o	1	3	61	52					
	La Hève	1012.6	57	NNW	4	f	1011.5	*	54	-1	NNW	3	*	o	—	12	59	52					
	Brest (St. Mathieu)	1015.9	54	NW	4	bc	1015.8	+2	46	-8	N	4	*	r	—	3	57	46					
	Rochefort (Ile d'Aix)	1013.5	57	NW	6	r	1013.5	0	54	-1	N	4	*	bc	*	—	66	52					
	Biarritz	1015.7	59	WNW	5	r	1014.1	0	57	?	NNW	5	*	r	5	39	66	52					
	Paris	1013.3	52	SSE	2	o	1009.3	-1	52	+4	SSE	1	—	o	*	1	57	46					
	Belfort	1015.5	48	—	0	c	1014.9	*	45	+6	E	2	*	o	*	1	57	39					
Lyons	1015.7	52	—	0	b	1012.4	*	45	+8	—	0	*	o	*	Trace	61	45						
Nice	1015.9	57	—	0	o	1013.3	0	55	+1	E	3	*	b	3	—	66	50						
Perpignan	1014.9	59	—	0	o	1013.0	-1	52	+7	W	1	—	tlr	*	7	68	45						
Sanguinaire	1014.6	64	NW	3	c	1015.0	-1	64	?	E	3	*	bc	—	—	75	37						
IBERIA, &c.	Corunna																						
	Madrid	1012.4	70	WNW	1	bc	1015.1	+4	52	?	NNE	3	—	o	*	7	72				50		
	Lisbon	1020.4	61	N	5	bc	1021.3	+1	55	-4	NNW	4	—	o	6	—	68				55		
	Azores (Horta)	1029.7	*	ESE	5	c	1028.8	-0	63	+2	—	0	*	o	2	—	66				61		
	„ (P. Delgada)	1029.0	*	E	4	bc	1028.8	-0	61	0	NE	1	*	o	2	—	66				59		
	Madeira	1022.1	72	N	3	o	1023.3	0	64	+1	NNE	3	—	o	3	—	73				63		
Gibraltar	1017.3	65	NW	3	c	1016.6	*	58	-7	NW	5	*	o	3	—	72	58						
Palma																							
MEDITERRANEAN.	Algiers		*	*	*	*	1019.4	+2	68	+2	W	2	—	b	1	—	72				43		
	Malta		*	*	*	*	1013.6	+4	58	-3	NE	1	SE	c	*	26	76				56		
	Salonica	1017.4	68	SSE	1	o																	
	Athens																						
	Candia																						
	Limassol		*	*	*	*	1015.8	+1	72	-5	—	0	—	b	0	—	88				59		
	Alexandria	1018.7	77	NNE	1	b	1018.4	0	77	-2	NNE	2	—	b	1	—	84				73		
	Cairo (Helwan)	1017.6	79	—	0	b	1017.5	+1	75	0	N	2	—	b	*	—	93	68					
Jerusalem	?	77	NNW	2	b	?	?	73	-9	N	2	—	b	*	—	91	70						
Ramleh	1015.5	79	N	1	b	1016.7	+3	79	0	—	0	—	b	*	—	93	68						

\* Information for these columns not usually received.

† Received too late for insertion in Charts

\* The barometric change is expressed in half-millibars

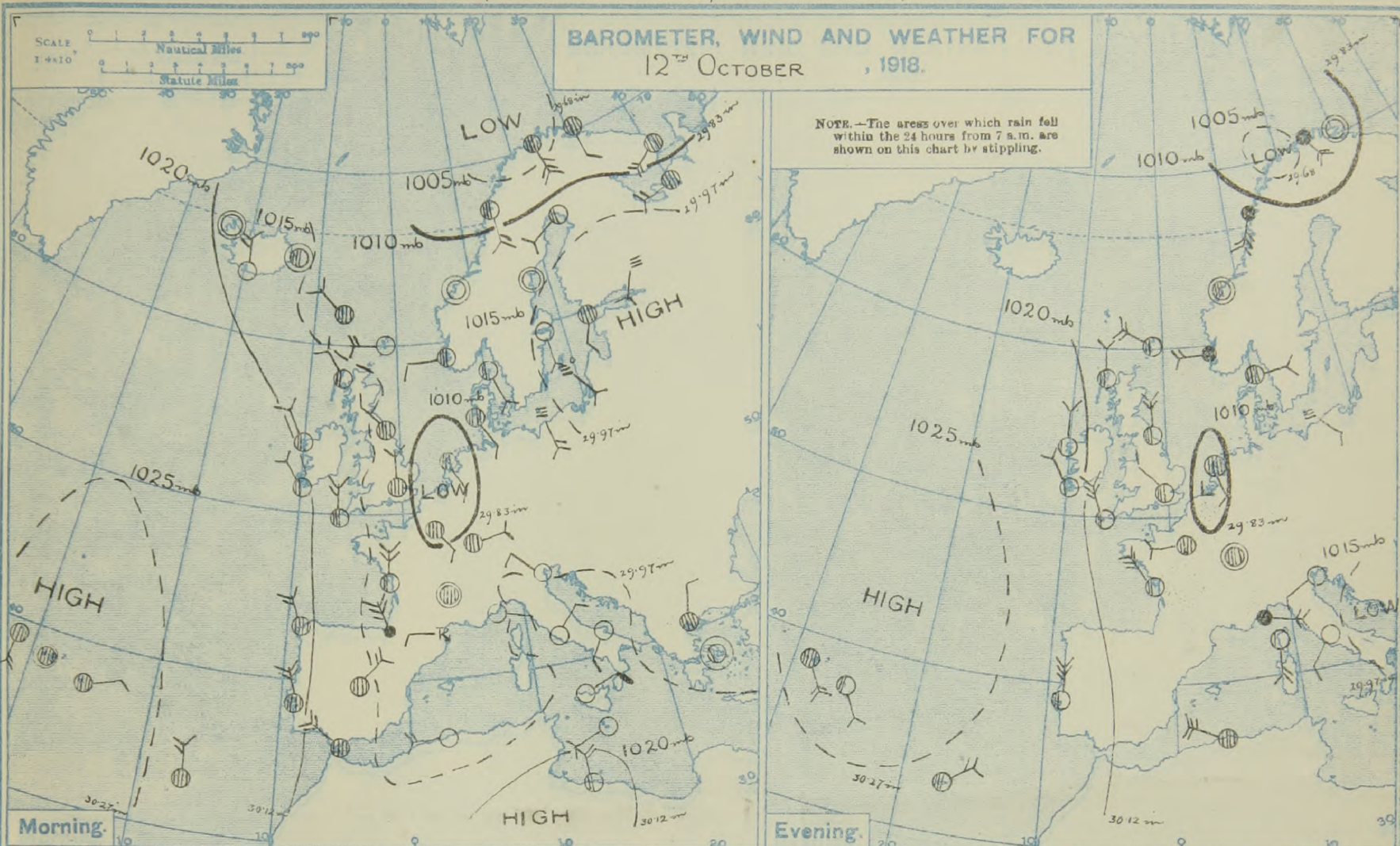


# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,779.

SUNDAY, 13<sup>TH</sup> OCTOBER, 1918.

## BAROMETER, WIND AND WEATHER FOR 12<sup>TH</sup> OCTOBER, 1918.



### WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 12<sup>TH</sup> OCTOBER

STATIONS.		EVENING OF 11 <sup>TH</sup>					MORNING OF 12 <sup>TH</sup>										MORNING OF 12 <sup>TH</sup>																														
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND		Weather.	BAROMETER.		TEMP.		WIND.	Force 0-12.	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.	Archangel ...						1013.6	+3	50	° F.	° F.	NNW	3	0	*	*		Isafjord ...	1019.9	28	-6	-	0	b																							
	Petrograd ...														*	*		Reykjavik ...	1017.7	25	-7	-	0	b																							
	Moscow ...														*	*		Vestmanna ...	1018.9	28	-4	N	3	b																							
SWEDEN.	Hernösand ...						1013.6	*	48	?		-	0	b	*	*	*	Seydisfjord ...	1018.6	28	-6	-	0	c																							
	Stockholm ...						1016.3	*	45	?		S	2	b	*	*	*	Thorshavn ...	1011.8	40	0	NW	2	0																							
	Wisby ...						1015.9	*	52	?		SE	2	m	*	*	*																														
ITALY.	Venice ...	1015.0	55	E	1	c	1013.1	*	57	0	NW	1	b	11	61	54	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM	13 <sup>TH</sup> 14 <sup>TH</sup> 15 <sup>TH</sup> 16 <sup>TH</sup> 17 <sup>TH</sup> 18 <sup>TH</sup> 19 <sup>TH</sup> 20 <sup>TH</sup> 21 <sup>TH</sup> 22 <sup>TH</sup> 23 <sup>TH</sup> 24 <sup>TH</sup> 25 <sup>TH</sup> 26 <sup>TH</sup> 27 <sup>TH</sup> 28 <sup>TH</sup> 29 <sup>TH</sup> 30 <sup>TH</sup> 31 <sup>ST</sup>					Sunrise.	Noon.	Sunset.																						
	Turin ...						1017.3	*	?	?	SW	1	?	7	?	52		Yarmouth ...	{	G.M.T.	G.M.T.	G.M.T.																									
	Pesaro ...						1017.0	*	55	?	-	0	c	36	56	?							Greenwich ...	{	G.M.T.	G.M.T.	G.M.T.																				
	Leghorn ...							*																				Wick ...	{	G.M.T.	G.M.T.	G.M.T.															
	Rome ...	1015.1	57	-	0	b	1016.5	*	50	-13	-	0	b	TRACE	63	40																	Valencia ...	{	G.M.T.	G.M.T.	G.M.T.										
	Viesti ...							*																														7.4	12.27	3.50							
	Brindisi ...						1012.9	*	59	-2	SE	1	b	15	68	59																									7.6	12.27	3.48				
	Cagliari ...							*																																				7.6	12.27	3.48	
	Palermo ...	?	61	ENE	1	b	1017.1	*	61	-2	ENE	1	b	-	68	57																															7.6
Tripoli ...						1021.4	*	?	?	NNW	3	bc	TRACE	82	66	7.6	12.27																														

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

13 <sup>TH</sup> & 14 <sup>TH</sup> OCT 1918.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	6.17	11.39	5.1
Greenwich ...	6.19	11.39	4.59
Wick ...	6.22	11.46	5.10
Valencia ...	6.24	11.46	5.8
	6.46	11.58	5.11
	6.48	11.58	5.8
	7.4	12.27	5.50
	7.6	12.27	5.48

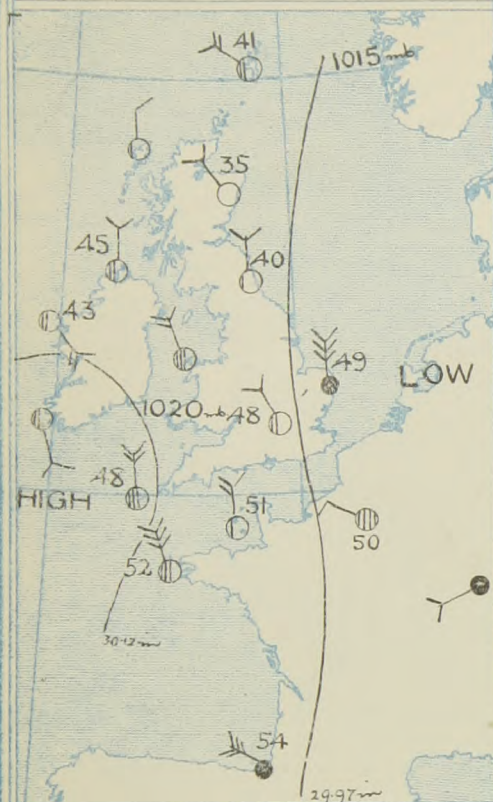
LONDON				24 HOURS ENDED 9 h. 13 <sup>TH</sup>										SOUTH KENSINGTON (M.O.)		
13 <sup>TH</sup> OCT. 9h. G.M.T.				HUMIDITY.			TEMPERATURE.			Rain-fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during 12 <sup>TH</sup>		
				15 h.	9 h.	12 <sup>TH</sup>	Max.	Min.	Min. on Grass.		Morning.	Afternoon.	Night.	Total.	Average Rate.	Max. Rate.
GREENWICH (Royal Observatory)	86	77	0.0	52	45	41	-	0.0	c.0d.	c						
CITY (Bunhill Row)	*	*	0.2	*	*	*	*	*	*	*						
WESTMINSTER (St. James's Park)	75	82	0.5	54	45	43	-	*	*	*						
" (Roof near Charing Cross)	80	83	0.2	55	46	*	-	0.0	cd.bc	0.0c.0m						
CAMDEN SQ. (British Rainfall)	-	71	0.0	54	44	40	-	0	0	*						
KENSINGTON PALACE	71	80	0.6	54	45	38	-	bc	0	*						

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



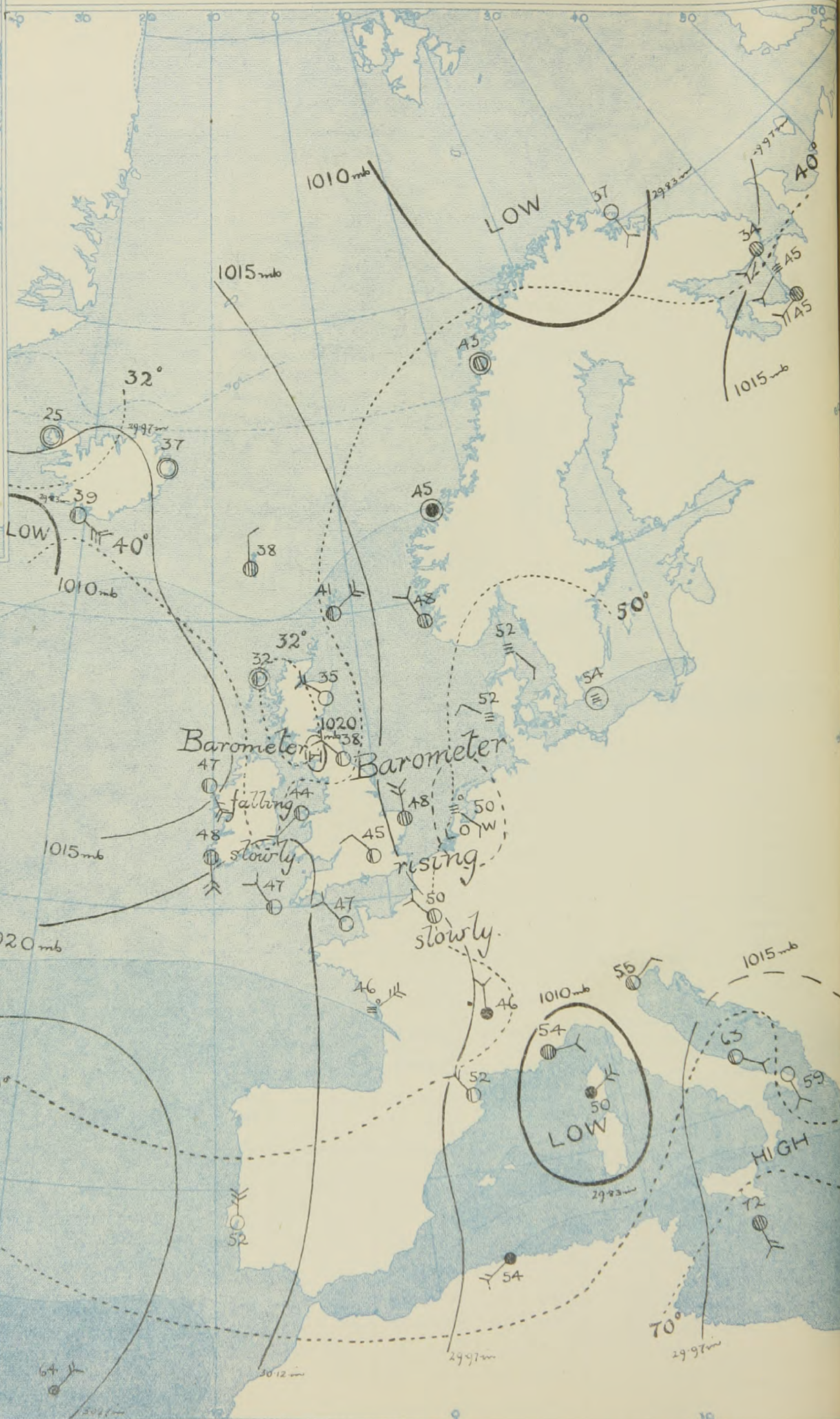
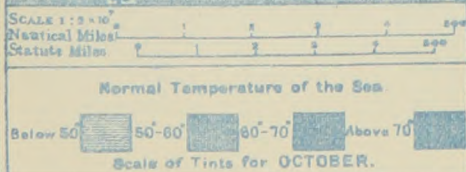
13<sup>th</sup>, OCT, at 1h. G.M.T.

THE MORNING OF SUNDAY, 13<sup>th</sup> OCTOBER 1918, 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 ~~~~~





# STRICTLY CONFIDENTIAL.

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

Rain fell over the greater part of the United Kingdom, but not in large amounts. Temperature remained below 55° in almost all parts of the Kingdom - below 50° in the north. Frost occurred at night in Scotland. Bright sunshine was very prevalent in the more northern and most western districts, but in the Southern parts of England there was very little.

## The Conditions at 7h. Today

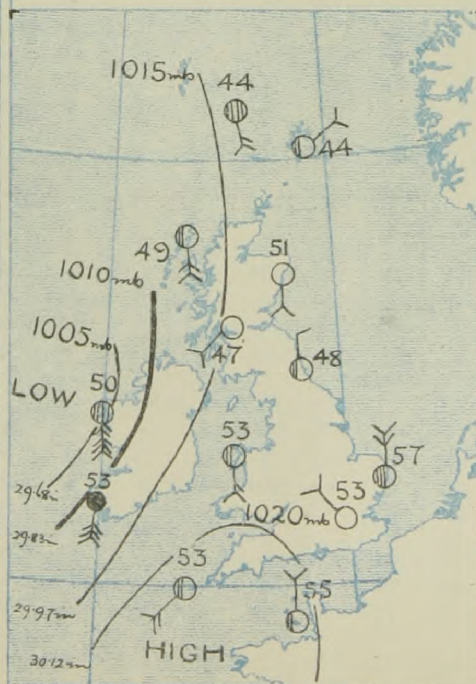
A shallow depression is dispersing slowly over Holland, while a large disturbance lies to the westward and north-westward of the British Isles. A large high pressure system extends from the Azores to the south-west of England. The wind is moderate or light from N. or NW. in most English localities, but from SE. or S. in Ireland and the Hebrides. As a whole the weather is fair, with a lower temperature than during the few days preceding. In some parts of Scotland it is below 32°.

During the day the Atlantic depression extended somewhat over our western and northern districts, causing the wind to increase considerably from the Southward. On the north-west coast of Ireland the force of a gale was obtained.

R.S.

SUNDAY, 13<sup>th</sup>

OCTOBER, 1918, at 13h. (1p.m.) G.M.T.



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

H.G. LYONS, Col., Director.



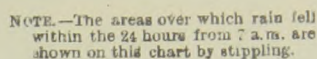
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 286

Sunday  
13<sup>th</sup> October

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. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours.	WIND.		Dir. 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.						
		°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	Hours.				
BRITISH ISLANDS.	Lerwick	10152	41	NW	4	bc	10172	+1	41	-1	NE	4	-	c	3	-	48	37	bc	bc	c	6.8					
	Deerness (Orkney)	10169	42	WNW	4	b	10173	*	41	-1	WNW	2	W	bw	1	1	48	39	cp.bc	bc.b	bw	5.4					
	Stornoway	10164	41	N	2	bc	10173	-1	32	-9	-	0	-	bc	0	-	49	30	bc	bc	b.bw	7.7					
	Castlebay (Barra Isd.)	10189	44	N	2	c	10167	-1	46	+1	SSE	3	-	c	3	1	49	40	chp.bc	bc	c.bw	7.7					
	Glasgow	10177	42	N	1	bc	10195	0	31	-6	E	1	NW	bmw	*	0.1	52	30	b.bw	bc.cdp	bc.bw	5.5					
	Eskdalemuir	10174	37	N	2	b	10203	0	25	-12	-	0	-	bw	*	-	48	26	b.bw	eg.bc.b	b.bw	6.6					
	Malin Head	10194	46	N	3	bc	10176	-1	38	-6	SSE	3	-	bcx	3	1	48	37	bcx	bc	bcx	8.3					
	Blacksod Point	10207	43	N	2	bw	10135	-4	47	-3	SE	5	SE	bc	4	-	50	40	bw	bw	b3.bc						
	Valencia (Cahiriveen)	10221	46	NNW	2	b	10170	-4	48	-5	SSE	4	-	o	3	-	51	38	bc.b	b.bw	b.bw						
	Roche's Point	10209	47	NNW	2	b	10204	*	38	-3	SE	1	N	b	1	0.4	52	35	b.bw	b	bw	7.6					
	Birr Castle	10204	43	NW	1	c	10191	*	34	0	S	1	S	bc	*	-	51	31	c	c	bw						
	Donaghadee	10165	48	N	4	bc	10170	0	36	-8	W	2	-	b3	1	0.2	51	36	bcx	bw	bw						
	Liverpool (Bidston)	10160	47	NW	3	b	10189	+1	44	-3	-	0	-	c	0	-	50	44	bcx	b	bw	7.4					
	Holyhead	10173	49	NNW	4	bc	10192	0	44	-4	SW	2	SW	bc	1	2	52	44	bcx	bc	eg.bw	4.8					
	Pembroke (St. Ann's)	10183	49	N	2	b	10206	0	44	-1	-	0	-	bcx	1	7	51	42	or.op	op.c.bc	bw	3.0					
	Hartland Quay	10112	49	N	2	T	10156	+2	47	-4	NNW	4	NW	bc	3	10	56	46	or	or	or.c	*					
	Scilly (St. Mary's)	10190	48	NNW	5	bc	10221	+1	47	-2	NW	2	NW	bc	3	0.2	52	46	f	c.bc	bc	6.5					
	Falmouth	10175	46	NNW	4	b	10211	+1	42	-4	NNW	1	-	bw	*	7	51	41	op.c	op.c.b	bw	1.4					
	Jersey (St. Aubin)	10138	51	N	2	op	10192	*	47	-4	NW	2	NW	b	2	5	54	46	bc.op	op	b.lto	1.3					
	Portland Bill	10134	51	NNW	3	c	10183	+2	44	-5	N	4	-	b	3	2	54	44	bc	c	b	*					
	Dungeness	10112	49	N	2	T	10156	+2	47	-4	NNW	4	NW	bc	3	10	56	46	or	or	or.c	*					
Wick	10163	40	WNW	2	bc	10176	0	37	-1	WNW	2	-	c	1	2	49	35	bc	bc	bc.c	*						
Nairn	10172	44	-	0	bc	10179	*	29	-6	-	0	-	b	1	-	48	27	bcx	c.bc	bcx	2.5						
Aberdeen	10168	43	NW	3	b	10182	0	35	-4	WNW	3	-	bw	2	-	49	33	b.bw	bcx	bcx	3.4						
Leith	10170	47	W	1	c	10182	0	38	-1	W	1	W	um	2	-	53	37	c.bw	b.bw	c.cwm	*						
Tynemouth	10142	48	N	4	eg	10177	+1	38	-5	NW	2	-	bcx	3	3	48	37	omr	cpq	bcx	*						
Spurn Head	10128	50	N	4	eg	10164	+2	44	-4	NNW	5	-	eg	4	2	51	43	or	or	or.c	0.0						
Yarmouth (Gorleston)	10115	50	NNW	4	omd	10134	+3	48	-1	N	4	-	om	4	5	51	47	omr	omd	omd	0.0						
Clacton-on-Sea	10115	49	NNW	3	ogr	10157	+3	47	-3	NNW	3	M	og	2	4	52	46	og	ogr	ogd.or	0.0						
Nottingham	10146	49	N	3	ogr	10184	*	41	-6	NNW	2	-	b3	*	-	53	40	o.c	o	o.c	1.1						
Benson (Oxon.)	10139	45	NW	1	b	10188	+2	40	-6	-	0	-	b	*	-	54	40	bc	bcx	b	*						
Sth Farnborough	10136	48	NW	1	om	10182	+2	42	-4	NW	2	N	bcx	*	-	55	39	om.bw	c.om	o.bw	3.9						
Salisbury Plain	10145	48	NNW	2	o	10194	+2	35	-9	W	1	NW	bc	*	-	53	33	o.c	ogm.c	c.bw	*						
London (Kew Obs.)	10135	50	NW	1	c	10141	+3	45	-4	NW	1	N	bc	*	-	53	44	om.o	o.c	c	1.1						
NORTHERN EUROPE.	Spitsbergen	10162	14	SE	4	b	10128	-2	12	+2	SE	2	*	o	*	*	14	9									
	Vardö	10095	39	-	0	b	10097	0	37	-4	S	2	-	b	2	*	41	37									
	Bodö	10130	43	SSW	5	T	10143	0	43	-2	-	0	-	c	1	-	46	41									
	Christiansund	10141	45	-	0	c	10137	0	45	0	-	0	-	T	3	-	50	?									
	Skudesnaes	10119	46	W	3	T	10124	0	48	-2	NNW	2	-	c	3	6	48	45									
	Færder (X'ania Fjord)	10136	48	SE	2	o	10132	0	48	-4	NE	1	-	m	1	-	52	48									
	The Scaw (Skagen)	10123	50	E	2	o	10119	0	52	0	ESE	1	-	f	-	3	52	48									
	Blaavands Huk	10106	50	ESE	1	f	10128	+1	52	-2	WNW	1	-	f	*	-	54	48									
	Copenhagen	10120	54	ESE	1	m	10133	+2	54	-2	-	0	-	f	0	-	54	52									
	Bornholm	10127	52	SE	1	f	10137	+2	54	-4	-	0	-	f	0	-	54	48									
FRANCE, &c.	The Helder	10094	54	SSE	1	o	10119	+1	50	-2	SE	1	-	m	1	TRACE	59	48									
	C. Gris Nez	10113	50	NNE	5	o	10163	+5	48	-6	NNW	5	*	o	*	12	54	48									
	La Hève	10137	50	NNW	2	T	10168	*	50	-4	N	4	*	o	*	1	57	50									
	Brest (St. Mathieu)	10137	50	NNW	2	T	10168	*	50	-4	N	4	*	o	*	1	57	50									
	Rochefort (de d'Aix)	10144	54	NNW	5	bc	10220	+1	48	-2	N	3	*	c	*	-	52	46									
	Biarritz	10144	54	NNW	5	bc	10184	+3	46	-8	NE	5	*	m	*	-	63	45									
	Paris	10109	52	W	2	o	10163	+3	50	-2	NW	2	-	c	*	TRACE	57	48									
	Belfort	10104	54	-	0	o	10136	*	46	+1	-	0	*	o	*	3	63	46									
	Lyons	10104	54	-	0	o	10143	*	46	+1	N	2	*	T	*	25	57	45									
	Nice	10117	55	E	3	T	10083	+2	54	-1	E	2	*	o	*	11	64	54									
IBERIA, &c.	Perpignan	10117	55	E	3	T	10135	+1	52	0	NW	3	*	bc	*	1	61	52									
	Sanguinaire	10117	64	S	3	b	10071	*	59	-5	S	5	*	o	*	3	72	57									
	Corunna	10223	57	N	5	bc	10240	+1	52	-3	NNE	5	-	b	5	-	63	52									
	Madrid	10223	57	N	5	bc	10240	+1	52	-3	NNE	5	-	b	5	-	63	52									
	Lisbon	10280	*	SE	4	o	10270	-1	63	0	-	0	-	o	2	-	68	63									
	Azores (Horta)	10280	*	SE	4	o	10270	-1	63	0	-	0	-	o	2	-	68	63									
	„ (P. Delgada)	10282	*	SE	2	bc	10276	0	63	+2	-	0	-	bc	2	-	70	59									
	Madeira	10223	68	NNE	3	c	10253	0	64	0	NE	3	-	T	3	-	72	61									
	Gibraltar	10113	68	WNW	6	o	10133	+2	54	-14	WSW	3	-	T	4	3	81	54									
	Palma	10113	68	WNW	6	o	10133	+2	54	-14	WSW	3	-	T	4	3</											



1918.



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

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

14 <sup>th</sup> and 15 <sup>th</sup> Oct. 1918.				Sunrise.	Noon.	Sunset.
				G.M.T.	G.M.T.	G.M.T.
Yarmouth	...	...	{	6.19 6.21	11.39 11.39	4.59 4.57
Greenwich	...	...	{	6.24 6.26	11.46 11.46	5.8 5.6
Wick	...	...	{	6.48 6.50	11.58 11.58	5.8 5.6
Valencia	...	...	{	7.6 7.8	12.27 12.27	5.48 5.46

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

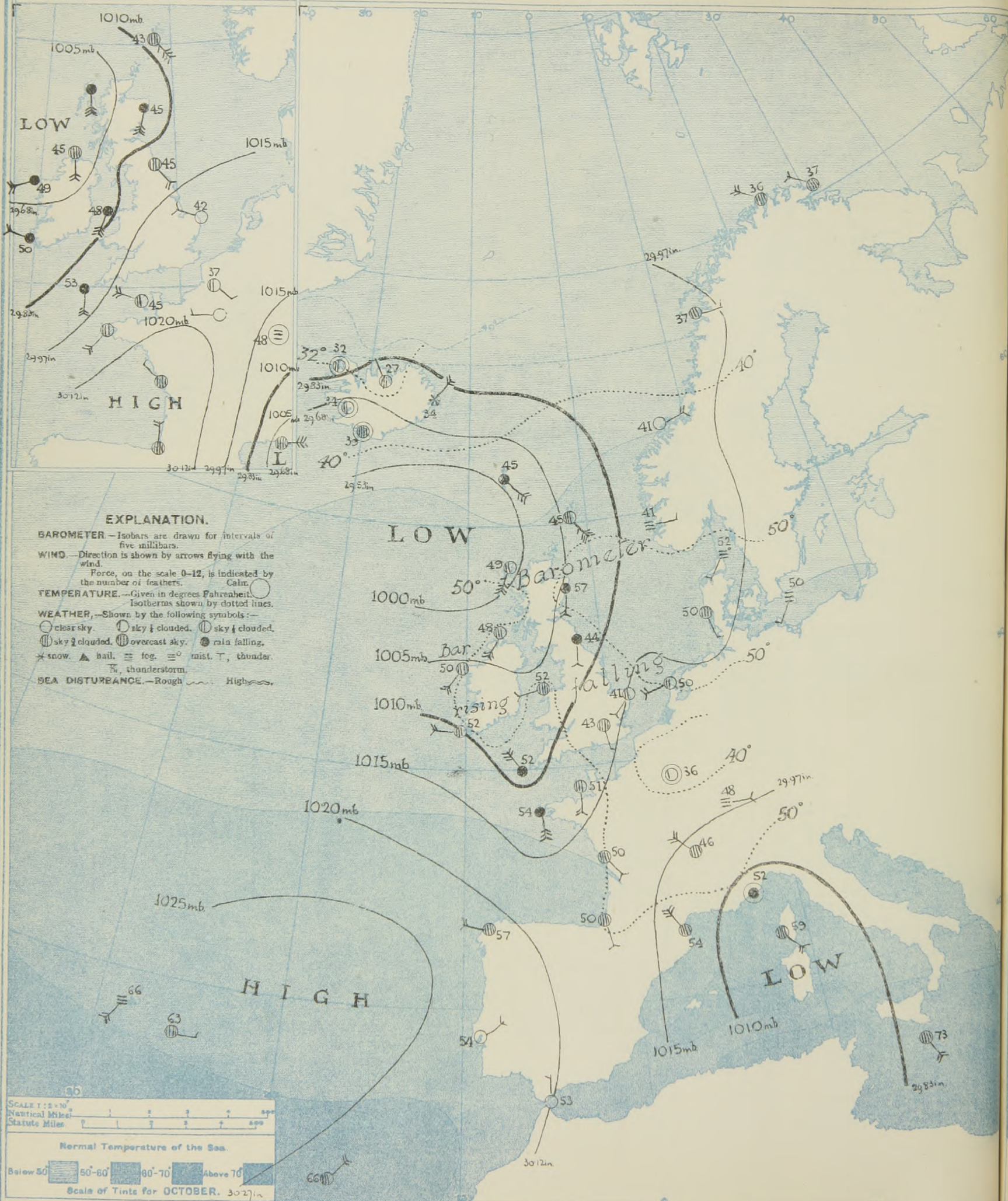
SOUTH KENSINGTON (M.O.)		
Vertical Component of Solar Radiation per square Centimetre during ... 13 <sup>TH</sup> ....		
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
?	?	?

‡ The barometric change is expressed in half-millibars.



14<sup>th</sup>, OCT, at 1h. G.M.T.

THE MORNING OF Monday, 14<sup>th</sup> OCTOBER 1918, at 7h. G.M.T.





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

Slight rain in the form of drizzle or passing showers occurred everywhere except in the south-east and the extreme north, but rain was heavy only at Valencia (14 mm). Weather was mainly fair in the morning but became cloudy or dull in most districts during the course of the day. The maximum of bright sunshine was recorded in the east and south (Jersey 9.0 hours, South Farnborough 8.2 hours and Aberdeen 8.1 hours). Under the influence of the Southerly winds temperatures began to rise generally, but minima at or below 32° were not uncommon in the east.

The Conditions at 7h. Today

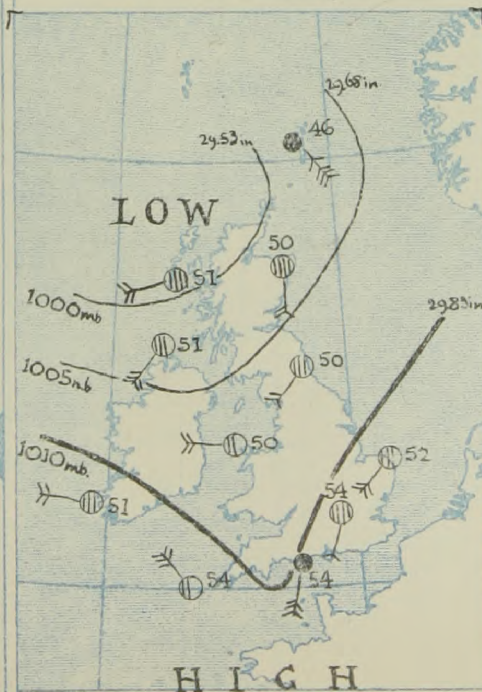
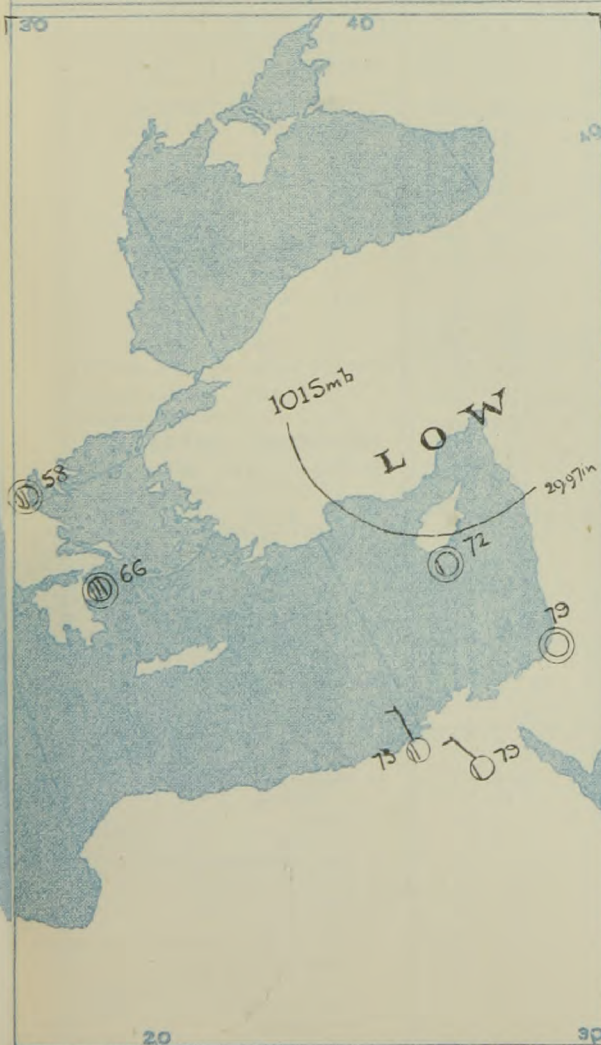
The depression which was indicated off the north-west of Ireland yesterday morning has moved slowly north-eastwards and now lies off the Hebrides, it has developed a V-shaped secondary which is now over the Mouth of the Bristol Channel. There is a shallow depression in the Western Mediterranean; pressure is high over Eastern France and also between the Azores and Madeira.

The Outlook

The barometer is falling over most of the British Isles, but has commenced to rise again over Ireland. The depression is moving eastwards slowly, and the secondary more rapidly, and in their rear the wind is veering to W. or NW., while a temporary return to fair weather conditions may be anticipated.

GALES.Monday, 14<sup>th</sup>

OCTOBER, 1918, at 13h. (1p.m.) G.M.T.



This morning's inference is confirmed.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 287.

MONDAY,  
14<sup>TH</sup> OCTOBER.

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. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	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	1016.2	42	NE	4	bc	1006.2	-3	4.5	+4	SE	7	SE	cq	6	0.1	4.5	3.9	bc	bc	cq.			
	Deerness (Orkney)	1012.5	46	SE	4	c	1002.4	*	4.8	+7	SSE	6	-	ou	5	-	4.9	4.1	bu. b	b. bc. c.	conq.	7.1		
	Stornoway	1005.2	46	S	6	of q	997.8	-2	4.9	+1.7	SSW	7	-	bc	5	4	5.1	3.0	bc	c. of q.	of. bc q.	5.3		
	Castlebay (Barra Isd.)	1005.5	47	SE	7	r	999.5	-1	5.1	+5	SSW	4	-	of	5	3	5.1	4.6	c. o.	of.	r. of.	0.8		
	Glasgow	1013.7	45	SSE	2	omg	1004.2	-2	4.7	+1.6	S	3	-	omg	*	1	5.0	3.0	b. bc. cm	c. og.	omf.	5.0		
	Eskdalemuir	1015.2	40	S	2	o	1006.7	-2	4.2	+1.7	SSE	3	-	odm	*	3	4.7	2.5	brv. bc.	c. bc. g. o.	o. odm	7.0		
	Malin Head	1004.9	46	S	6	omg	1002.1	0	4.8	+1.0	SW	4	SW	cq	3	2	5.1	3.7	cq.	omg	bc p.	2.2		
	Blackod Point	1003.2	52	S	6	omd	1005.1	+1	5.0	+3	SW	4	-	omf	4	6	5.2	4.4	omf.	omf.	bc om	*		
	Valencia (Cahirciveen)	1017.6	55	S	5	r	1010.8	+2	5.2	+4	W	3	NW	c	4	14	5.5	4.8	o. of r.	of. d.	d. of r.	0.0		
	Roche's Point	1011.6	50	SSE	4	r	1009.8	*	4.8	+1.0	W	2	SW	c	3	7	5.1	3.8	b. o.	r. f.	r. f. g. c.			
	Birr Castle	1009.2	50	SSE	2	c	1007.9	*	4.8	+1.4	WSW	1	-	o	*	2	5.2	3.3	c.	c. o. g.	od. o.	2.1		
	Donaghadee	1011.2	49	S	4	omg	1004.9	+2	4.9	+1.3	WSW	3	W	omf	2	4	5.2	3.6	b. z.	bc. z. g.	omg.	*		
	Liverpool (Bidston)	1016.4	47	SSW	1	b	1007.8	-3	4.4	0	SE	3	-	o	3	6	5.1	4.3	c. bc.	bc.	of.	6.2		
	Holyhead	1015.0	50	SSW	5	bc q	1005.9	-3	5.2	+8	WSW	2	-	omg	1	5	5.4	4.3	bc.	c. g.	ch. g.	6.8		
	Pembroke (St. Ann's)	1016.9	51	SSW	4	c	1008.2	+2	5.3	+9	SW	3	-	o	5	6	5.4	4.4	bc. v.	bc. v.	ch. d.	7.7		
	Hartland Quay																					*		
	Scilly (St. Mary's)	1018.5	52	SSW	4	o	1009.8	-1	5.2	+5	NW	5	NW	omf	4	4	5.4	4.9	bc.	bc. cv.	omf.	5.3		
	Falmouth	1012.8	48	SW	3	bc. v.	1008.8	-3	5.4	+1.2	SSW	3	-	rm	*	7	5.7	4.2	cv. bv.	bv. by. v.	o. of.	6.2		
	Jersey (St. Aubin)	1020.3	49	WNW	1	b	1014.7	*	5.1	+4	S	3	-	c	3	-	5.6	3.9	b	b.	bc. v.	9.0		
	Portland Bill	1019.2	50	W	2	b.	1012.3	-4	5.1	+7	SSW	5	-	of	4	8	5.4	4.4	b	b. bc.	c. of.	*		
	Dungeness	1018.6	47	NNW	2	b	1015.0	-3	5.2	+5	SW	3	SW	bc	3	-	5.5	3.8	c. bc.	b.	b. bc.	*		
	Wick	1012.0	46	SSE	5	o	1003.5	-2	4.8	+1.1	SSE	5	-	om	5	-	4.8	3.7	c.	c. o.	om	*		
	Nairn	1010.8	44	SW	1	o	1001.3	*	4.8	+1.9	WSW	3	-	cq	2	1	4.8	2.9	b. bc.	bc. c. g.	mg. d.	7.4		
	Aberdeen	1014.8	45	SSE	3	bc. z	1005.9	-3	4.7	+1.2	S	3	-	omg	3	1	5.1	3.5	br. y.	bv. bc. c.	bc. om	8.1		
Leith	1014.4	45	SSE	1	o	1004.2	-2	4.7	+9	SSW	1	-	om	2	2	5.2	3.6	cm. c. bc.	b. bc. c. o.	om. of. a.	*			
Tynemouth	1016.5	46	SE	1	bc. m	1008.3	-2	4.4	+6	S	2	-	mr	3	2	5.1	3.8	bc.	bc. m	omf.	*			
Spurn Head	1017.7	48	-	0	cv	1012.2	-2	4.3	-1	S	3	-	om	3	Trace	4.9	4.1	ch. v.	cv.	bc. g.	0.0			
Yarmouth (Gorleston)	1016.7	47	N	2	b	1015.2	-2	4.1	-7	SW	2	-	bc. m	2	-	5.2	3.9	om. c.	cm. b. m	bm. bc. m	0.0			
Clacton-on-Sea	1015.3	46	WNW	2	b	1015.6	-2	4.9	+2	SSW	3	SW	c	2	-	5.4	4.1	og. c. bc.	bc. b.	bu. bc. c.	6.2			
Nottingham	1017.9	43	SE	1	b	1012.0	*	4.5	+4	S	1	S	od	*	0.1	5.3	3.6	bc. c.	c. bc.	b	6.1			
Benson (Oxon.)	1018.3	42	S	1	b	1013.2	-1	4.5	+5	S	3	-	o	*	-	5.3	3.2	b. bc.	b.	o. b.	*			
St. Farnborough	1019.5	42	WNW	1	b	1014.3	-2	4.2	0	SE	3	-	om	*	-	5.5	3.2	bc. m. bc.	cz. y.	b. om	8.2			
Salisbury Plain	1019.5	40	WNW	1	b	1012.8	-3	4.6	+1.1	SSE	2	W	od	*	0.3	5.3	3.3	b. bc.	bc.	b. bc. of.	*			
London (Kew Obs.)	1019.2	46	-	0	bm	1014.2	-2	4.3	-2	SSE	1	W	om	*	-	5.4	3.3	bc. by.	by. bc. m.	bm. bc. om	8.0			
NORTHERN EUROPE.	Spitsbergen											*		*	*			THE BEAUFORT SCALE OF WIND FORCE.						
	Vardö	1014.1	39	-	0	o	1015.3	0	3.7	0	NW	2	-	o	3	*	3.9	3.6	Limits of Velocity.					
	Bodö	1012.7	41	E	1	r	1013.9	+2	3.7	-6	E	1	-	c	1	?	4.6	3.6	No.	Statute miles per hour.	Metres per second.			
	Christiansund	1015.0	45	-	0	r	1014.4	-1	4.1	-4	ENE	3	-	b	2	3	4.8	3.9	0	Less than 1	Less than 0.3			
	Skudesnaes	1013.3	43	-	0	b	1012.7	-1	4.1	-7	E	1	-	f	2	-	5.0	3.6	1	1-3	0.3-1.5			
	Færder (X'iania Fjord)	1013.7	48	-	0	o	1014.6	+1	4.8	0	SE	1	-	o	1	-	4.8	4.8	2	4-7	1.6-3.3			
	The Scaw (Skagen)	1012.8	54	S	1	f	1012.7	0	5.2	0	SW	1	-	m	0	-	5.4	5.0	3	8-12	3.4-5.4			
	Blaavands Huk	1016.6	52	-	0	o	1014.0	-1	5.0	-2	SSE	1	-	o	*	-	5.4	4.8	4	13-18	5.5-7.9			
	Copenhagen	1015.0	54	-	0	m	1015.8	+1	5.2	-2	-	0	-	f	*	-	5.4	5.0	5	19-24	8.0-10.7			
	Bornholm	1015.3	52	-	0	f	1015.7	0	5.0	-4	SW	1	-	f	0	-	5.5	4.8	6	25-31	10.8-13.8			
FRANCE, &c.	The Helder	1014.1	52	S	1	o	1015.7	+1	5.0	0	WSW	3	-	bc	0	Trace	5.5	4.8	7	32-38	13.9-17.1			
	C. Gris Nez	1012.7	52	NW	1	b	1015.9	-1	4.6	-2	SSE	2	*	o	2	-	5.4	4.5	8	39-46	17.2-20.7			
	La Hève	1021.3	48	NE	1	b	1017.9	*	4.5	-5	SE	2	*	c	*	-	5.4	4.1	9	47-54	20.8-24.4			
	Brest (St. Mathieu)	1022.3	52	NW	3	c	1011.1	-7	5.4	+6	S	6	*	r	7	?	?	?	10	55-63	24.5-28.4			
	Rochefort (Ile d'Aix)	1020.6	55	N	3	o	1018.4	-1	5.0	+4	SE	2	*	o	*	-	6.4	4.6	11	64-75	28.5-33.5			
	Biarritz						1019.4	0	5.0	-4	SSE	2	*	c	*	12	5.7	5.0	12	Above 75	33.6 or above			
	Paris	1019.7	50	N	1	o	1018.4	-1	3.6	-14	-	0	-	b	*	-	5.5	3.6	BEAUFORT NOTATION.					
	Belfort	1015.1	50	S	1	o	1015.5	*	4.8	-	E	2	*	f	*	Trace	5.7	4.8	b	blue sky (not more than a quarter covered).				
Lyons	1016.3	46	NW	3	r	1014.7	*	4.6	0	NW	4	*	o	*	16	5.0	4.5	bc	sky partly cloudy (one half covered).					
Nice	1008.7	?	E	4	c	1008.2	+1	5.2	-2	-	0	*	r	*	9	?	?	c	generally cloudy (three quarters covered).					
Perpignan	1014.9	54	NW	3	b	1014.9	+1	5.4	+2	NW	5	-	o	*	-	5.9	5.2	d	drizzle, or fine rain.					
Sanguinaire						1006.3	*	5.9	0.	SE	3	*	o	*	-	7.2	5.0	e	wet air without rain falling.					
IBERIA, &c.	Corunna	1025.0	57	-	0	o	1021.0	-2	5.7	0	WNW	3	-	o	3	?	6.3	5.4	f	fog.				
	Madrid																	g	gloom.					
	Lisbon	1023.7	59	N	5	b	1023.9	0	5.4	+2	NE	2	-	b	5	-	6.4	5.4	h	hail.				
	Azores (Horta)	1026.3	*	SE	4	b	1025.3	0	6.6	+3	SW	4	*	f	2	5	7.3	6.6	m	mist.				
	„ (P. Delgada)	1028.0	*	ESE	1	o	1027.1	0	6.3	0	E	1	*	o	2	-	6.8	6.1	o	overcast sky.				
	Madeira	1023.7	72	NE	3	o																		

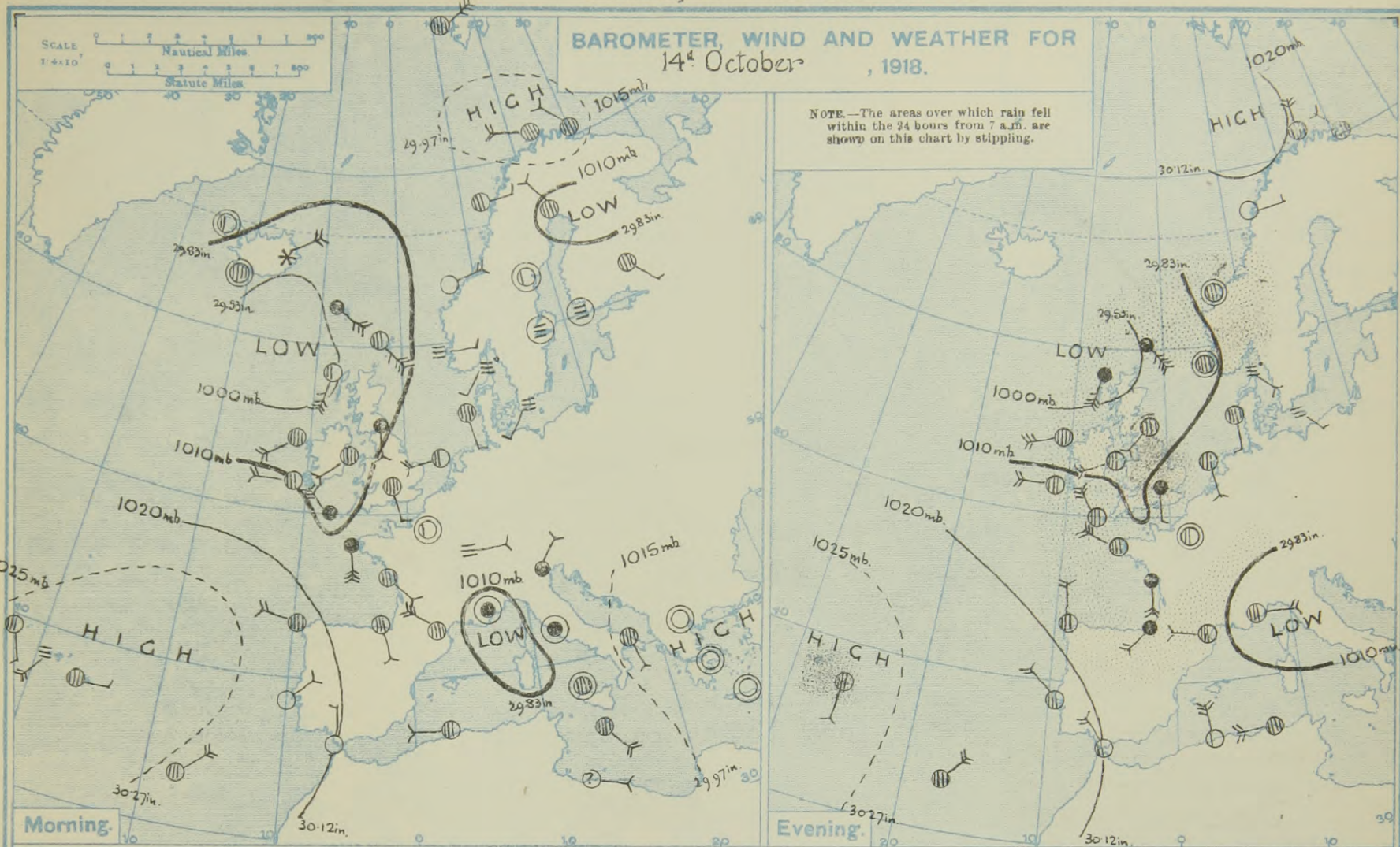


# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 29781

Tuesday, 15<sup>th</sup> October, 1918.

1918.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 14<sup>th</sup> OCTOBER.

STATIONS.		EVENING OF 13 <sup>TH</sup>					MORNING OF 14 <sup>TH</sup>										MORNING OF 14 <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. ° F.	Change in 24 hours. ° F.	Direc.	Force 0-12.		Weather.	Max.			Min	Dry Bulb. ° F.	Change in 24 hours. ° F.	Direc.		Force 0-12.
		° F.					+	° F.	° F.					° F.	° F.			° F.	° F.				
RUSSIA.	Archangel ...													*	*		Isafjord ...	1011.3	32	+7	-	0	bc
	Petrograd ...													*	*		Reykjavik	1003.0	34	-2	-	0	bc
	Moscow ...													*	*		Vestmanna	1004.3	39	0	-	0	o
SWEDEN.	Hernösand ...						1015.3	*	41	-	0	b	*	*	*		Seydisfjord	1009.2	34	-3	NE	4	S
	Stockholm ...						1014.6	*	52	-	0	f	*	*	*		Thorshavn	1000.2	45	+7	SE	5	r
	Wisby ...						1014.7	*	50	SE	2	f	*	*	*		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM						
ITALY.	Venice ...	1014.5	59	E	1	c	1012.3	*	57	+7	ENE	2	r	7	76.4	50	15 <sup>TH</sup> AND 16 <sup>TH</sup> OCT. 1918.		Sunrise.	Noon.	Sunset.		
	Turin ...						1010.5	*	54	0	N	3	r	8.9	55	59							
	Pesaro ...						*																
	Leghorn ...	1010.1	59	E	1	o	1011.3	*	59	+2	-	0	r	36	63	54							
	Rome ...	1013.4	61	SE	1	?	1010.9	*	61		-	0	r	23	70	61							
	Viesti ...						1011.9	*	66	+3	SSE	2	o	-	72	52							
	Brindisi ...	1017.3	67	NE	2	b	1015.5	*	68	+9	S	2	o	-	68	59							
	Cagliari ...						*																
	Palermo ...						1011.0	*	62		-	0	o	14	73	61							
	Tripoli ...						1013.8	*	?		ESE	2	?	16	91	66							

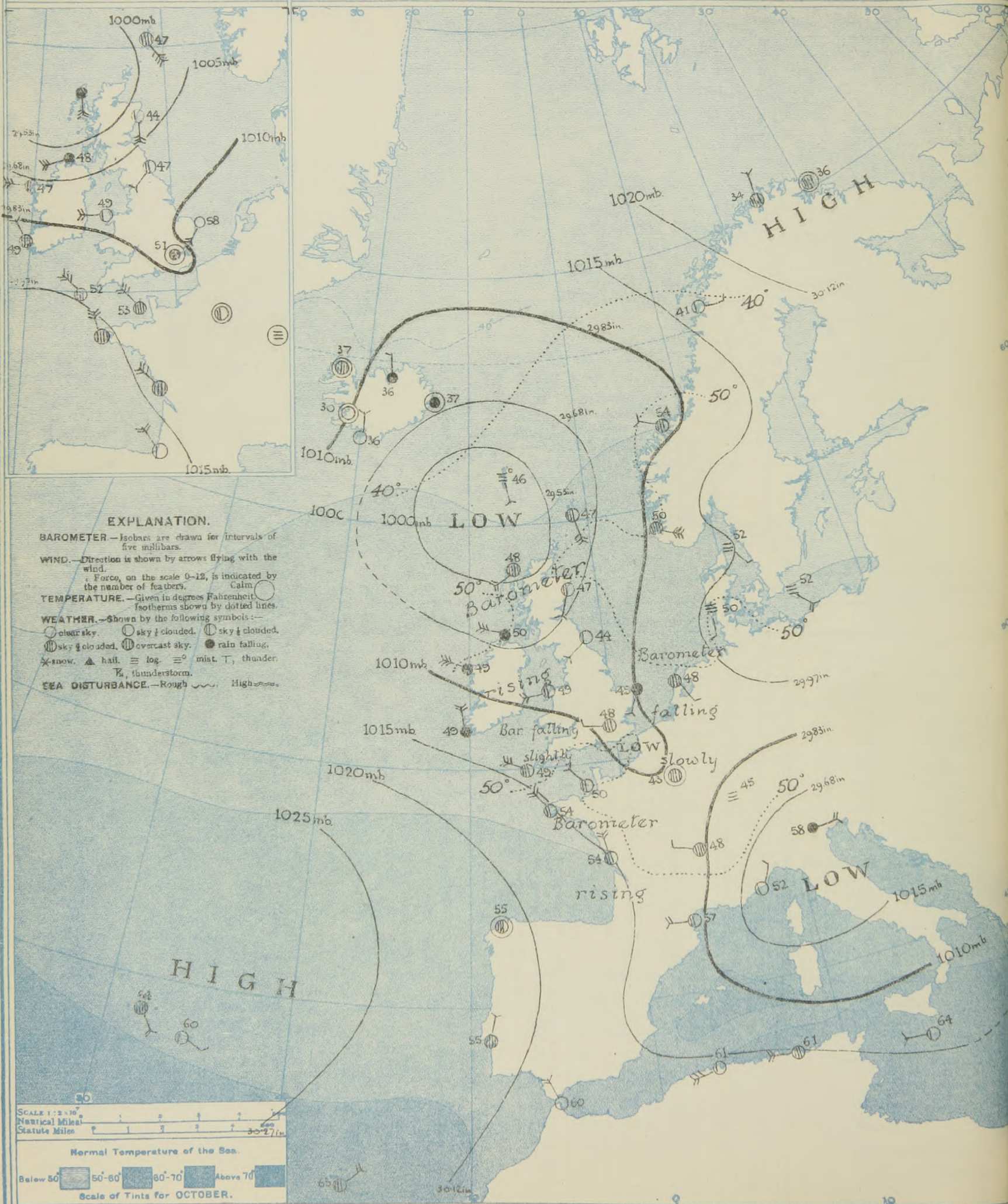
LONDON				24 HOURS ENDED 9 h. 15 <sup>th</sup>										SOUTH KENSINGTON (M.O.)		
15 <sup>th</sup> OCTOBER 9 h. G.M.T.				HUMIDITY.		Sun-shine for 14 <sup>th</sup> Hours.	TEMPERATURE.			Rain-fall. mm.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during 14 <sup>th</sup>		
15 h.		9 h.		14 <sup>th</sup>	15 <sup>th</sup>		Max. °F.	Min. °F.	Min. on Grass. °F.		Morning.	Afternoon.	Night.	Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
GREENWICH (Royal Observatory)		71		90	90	0.1	57	48	47	5	o. od.	od.	od. of c.	410	10.7	23
CITY (Bunhill Row)		71		90	90	0.1	*	*	*	*	*	*	*			
WESTMINSTER (St. James's Park)		76		90	90	0.0	55	48	43	3	*	*	*			
" (Roof near Charing Cross)		80		86	86	0.0	55	49	*	3	cm.	od. p.	o. of c.			
CAMDEN SQ. (British Rainfall)		79		88	88	0.0	55	46	41	4	o	o. od.	*			
KENSINGTON PALACE		80		87	87	*	?	48	39	3	o	o. of.	*			

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



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

THE MORNING OF Tuesday, 15<sup>th</sup> OCTOBER 1918, at 7h. G.M.T.





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

Temperature was very uniform over the whole country, rising to between  $50^{\circ}$  and  $55^{\circ}$  during the day. Night minima did not fall below  $40^{\circ}$  or at some Channel stations below  $50^{\circ}$ . Slight rain fell generally and as much as 8 mm. at Jersey. Sunshine measurements were poor.

## The Conditions at 7h. Today

A depression which lies between Scotland and Iceland has scarcely moved during the past 24 hours. A shallow secondary has moved slowly eastwards across the south of England and now covers the Straits of Dover. Under the influence of this depression rain is falling in NE. France and at Yarmouth, but over the greater part of the British Isles weather is fair though showery. There is fog on the further side of the North Sea. Winds are very light in England but are blowing freshly from W. or NW. over the north-west of Ireland and from S. over the Northern North Sea. A depression remains almost stationary over the Central Mediterranean and Northern Italy.

## The Outlook

Although the barometer is at present rising slowly in the west it seems probable that there will be no improvement of more than a temporary character in the unsettled conditions which have prevailed of late.

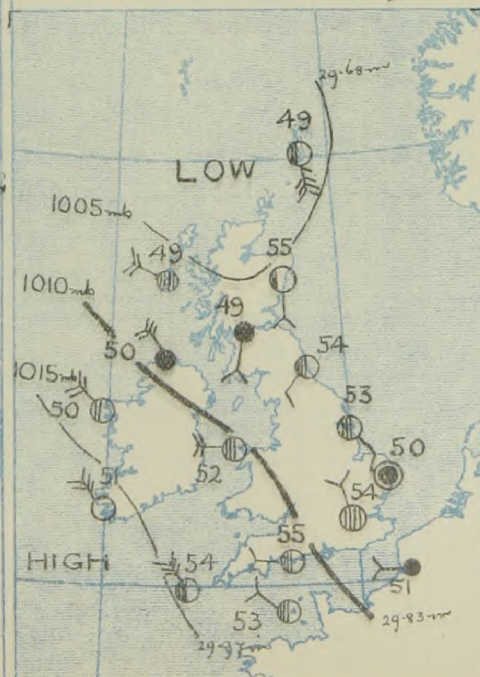
## GALES.

Lerwick. 9h-20h. 14<sup>h</sup>  
Extreme S.E. 8.

Lough Foyle. 14h-18h. 14<sup>h</sup>  
Extreme W. 8. Gust 25 m.p.s.

Tuesday, 15<sup>th</sup>

OCTOBER, 1918, at 13h. (1 p.m.) G.M.T.



The barometer is still rising in the west where winds remain North-Westerly. A temporary period of fair weather is to be expected.



TUESDAY,  
15<sup>TH</sup> OCTOBER



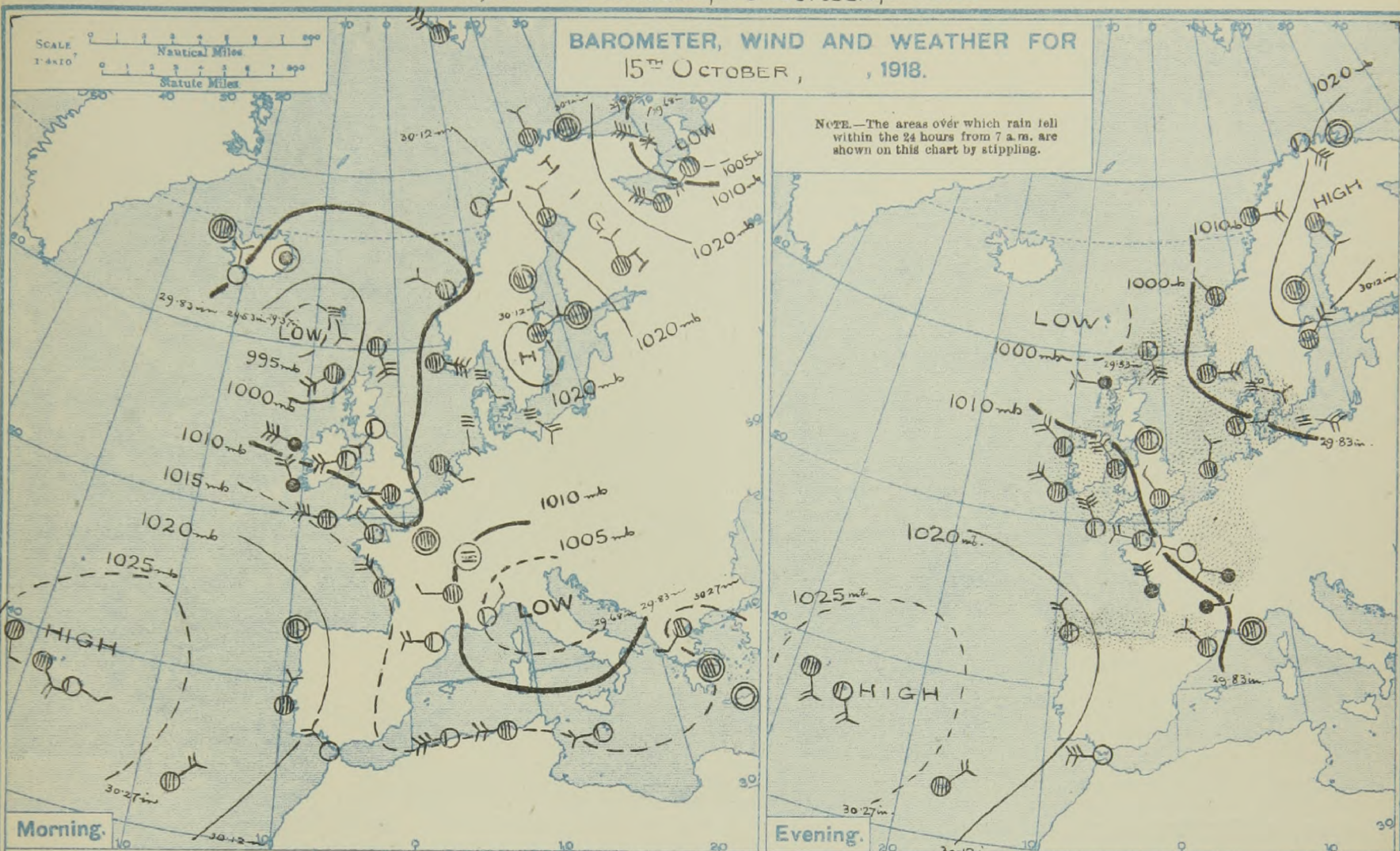
# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,782.

WEDNESDAY, 16<sup>th</sup> OCTOBER, 1918.

## BAROMETER, WIND AND WEATHER FOR 15<sup>th</sup> OCTOBER, 1918.

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 15<sup>th</sup> OCTOBER.

STATIONS.		EVENING OF 14 <sup>TH</sup>					MORNING OF 15 <sup>TH</sup>										MORNING OF 15 <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.	
				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.
RUSSIA.	Archangel ...		° F.				1011.8	+3	° F.	° F.	W	5	r	?	° F.	° F.	Isafjord ...	1013.2	37	+5	-	0	0
	Petrograd ...														*	*	Reykjavik	1010.6	30	-4	-	0	b
	Moscow ...														*	*							
SWEDEN.	Herrösand ...						1022.4	*	41	0	-	0	c	*	*	*	Vestmanna	1007.3	36	-3	N	2	b
	Stockholm ...						1020.9	*	46	-6	ENE	2	o	*	*	*	Seydisfjord	1007.9	37	+3	-	0	r
	Wisby ...						1018.4	*	50	0	NE	2	f	*	*	*	Thorshavn	995.5	46	+1	SSE	2	m
ITALY.	Venice ...	1007.7	59	E	2	0		*									TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM						
	Turin ...	1007.7	52	-	0	0		*									16 <sup>TH</sup> AND 17 <sup>TH</sup> OCTOBER 1918.	Sunrise.	Noon.	Sunset.			
	Pesaro ...							*										G.M.T.	G.M.T.	G.M.T.			
	Leghorn ...	1006.7	61	-	0	b		*										6.22	11.39	4.55			
	Rome ...	1002.4	61	-	0	r		*										6.23	11.38	4.53			
	Viesti ...	1009.9	68	SE	2	0		*										6.27	11.46	5.4			
	Brindisi ...	1011.4	63	NE	3	0		*										6.28	11.45	5.2			
	Cagliari ...							*										6.52	11.58	5.3			
	Palermo ...	1010.7	61	-	0	0		*										6.54	11.57	5.1			
	Tripoli ...							*										7.9	12.27	5.44			
																	7.10	12.26	5.42				

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

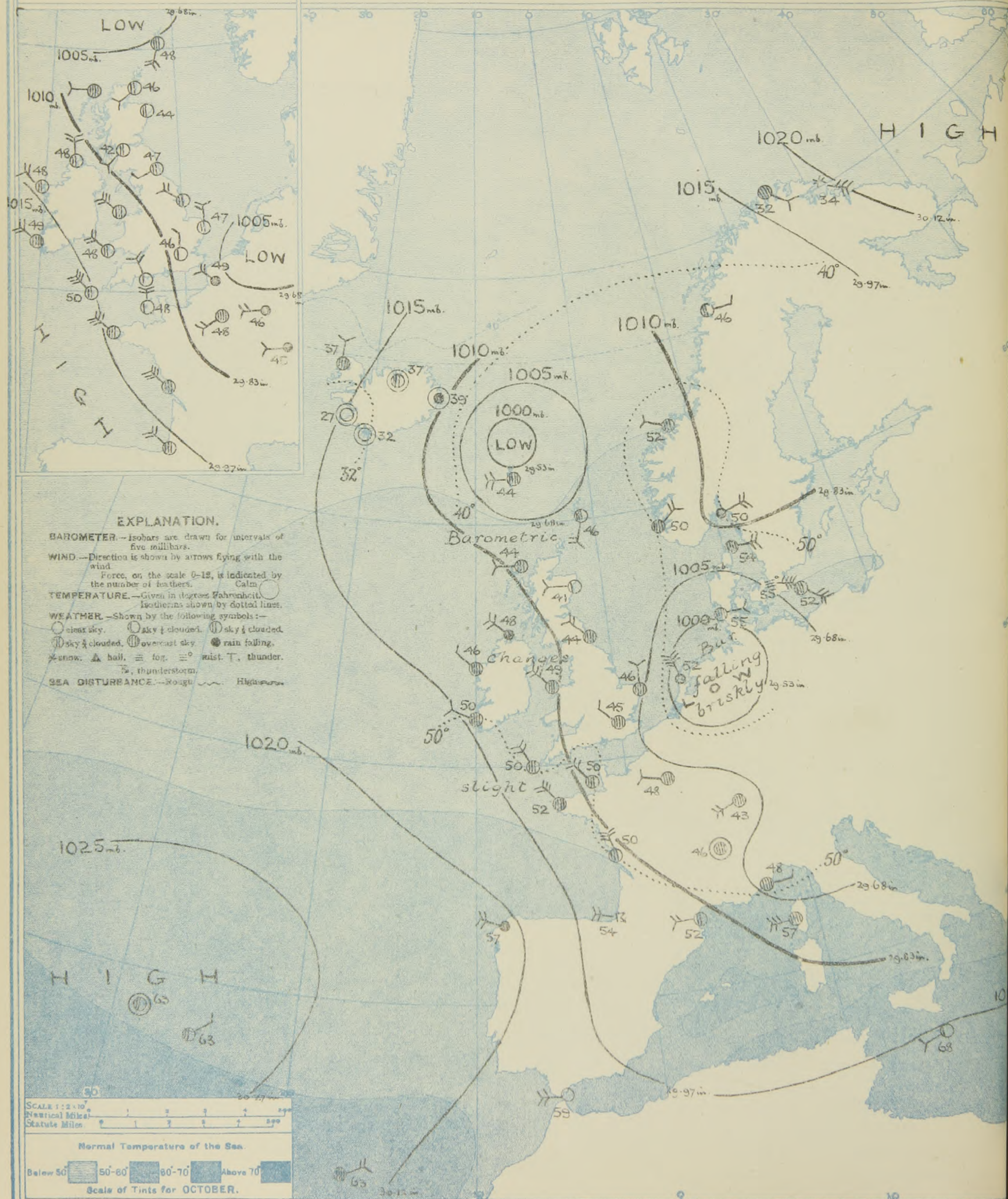
16 <sup>th</sup> AND 17 <sup>th</sup> OCTOBER 1918.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	...	6.22 6.23	11.39 11.38	4.55 4.53
Greenwich ...	...	6.27 6.28	11.46 11.45	5.4 5.2
Wick ...	...	6.52 6.54	11.58 11.57	5.3 5.1
Valencia ...	...	7.9 7.10	12.27 12.26	5.44 5.42

LONDON		HUMIDITY.		Sun-shine for 15 <sup>th</sup>	24 HOURS ENDED 0 h. 15 <sup>th</sup>				WEATHER.			SOUTH KENSINGTON (M.O.)		
16 <sup>th</sup> OCTOBER 9h. G.M.T.		15 h.	9 h.		TEMPERATURE.			Rain-fall.				Vertical Component of Solar Radiation per square Centimetre during 15 <sup>th</sup>		
		%	%	Hours.	°F.	°F.	Min. on Grass.		Morning.	Afternoon.	Night.	Total.	Average Rate.	Max. Rate.
GREENWICH (Royal Observatory) ..		73	90	0.0	55	40	28	-	o	o	o c.ow.	Joules.	Milliwatts.	Milliwatts.
CITY (Bunhill Row) ..		*	*	0.7	*	*	*	*	*	*	*			
WESTMINSTER (St. James's Park) ..		70	93	1.3	56	41	34	-	*	*	*			
" (Roof near Charing Cross) ..		67	87	0.5	57	44	*	-	cm	bc o. bc.	oc. bc. ow.			
CAMDEN SQ. (British Rainfall) ..		69	89	1.6	57	41	37	-	o	o	*			
KENSINGTON PALACE ..		67	87	*	55	41	28	-	c.	c. o.	*			

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



THE MORNING OF WEDNESDAY, 16<sup>th</sup> OCTOBER 1918, at 7h. G.M.T.





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

Showery weather prevailed in most districts. Rain-fall measurements were generally light but reached 9 mm. at Jersey. About 7 hours of sunshine was recorded at Scilly and Aberdeen. Day temperature reached 50-55°. The screen reading fell to 33° at Eskdalemuir and to 36° on Salisbury Plain.

The Conditions at 7h. Today

The depression which lay yesterday between Iceland and Scotland has now moved to the north of the Farøe. An anticyclone still lies off our south-west coasts. A small depression over Holland is growing rapidly deeper and is causing a high wind from NNW, at the Helder, with rain in the same region. A high ESE. wind is reported from Copenhagen. Over the British Isles winds are from NW., of light or moderate force, and weather is fair generally, but with some local showers. Cloudy weather prevails over France, and a thunderstorm is reported at Biarritz.

The Outlook

The depression over Holland is likely to cause disturbed conditions in the east of the country, with cool Northerly winds, and rough weather over the Southern North Sea. In the west fairer conditions may prevail for a time, but the arrival of further depressions from the Atlantic is still probable.

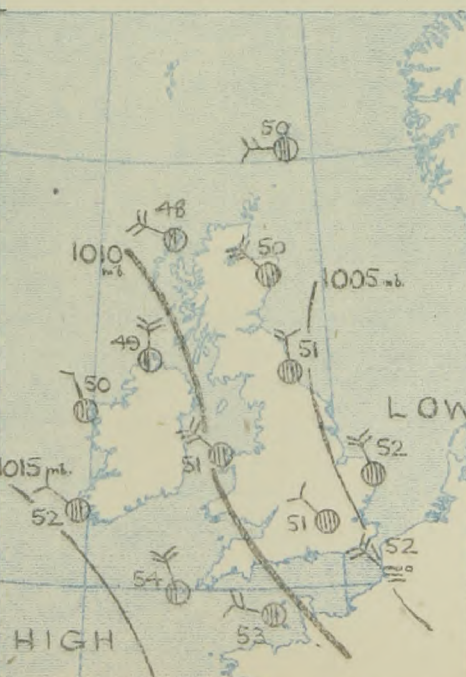
H.H.

WEDNESDAY, 16<sup>th</sup>

OCTOBER, 1918, at 12h. (1p.m.) G.M.T.

GALES.

LOW



The Dutch depression is not affecting the British Isles very strongly at present. The barometer is falling slowly generally with moderate or fresh NW. winds.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 289

WEDNESDAY,  
16<sup>TH</sup> OCTOBER.

STATIONS.	EVENING OF 15 <sup>TH</sup>					MORNING OF 16 <sup>TH</sup>										24 HOURS ENDED 7 A.M. 16 <sup>TH</sup>					Sun- shine for 15 <sup>TH</sup> Hours.		
	Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER					
			Dir.	Force 0-12.				Dry Bulb. °F.	Change in 24 hours. °F.	Dir.	Force 0-12.					Max.	Min.	Morning	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick	1002.9	48	SSE	6	bcm	1006.9	-1	46	-1	SSW	3	-	c	2	1	49	44	bcm.	bcm.	cm	*	
	Deerness (Orkney)	1003.4	49	SW	4	bc	1006.4	*	47	-2	W	3	NW	bc	2	1	54	44	c bc.	bc	bc bc.	4.0	
	Stornoway	1002.6	48	W	3	of	1009.5	+2	44	-4	W	2	-	c	1	3	52	44	of.	o c of.	o c.	1.4	
	Castlebay (Barra Isd.)	1007.9	48	WNW	4	ogf	1011.6	+2	47	-4	NNW	3	-	bc.	3	2	52	46	c of.	of c of.	of bc.	1.4	
	Glasgow	1008.4	47	W	3	c	1009.8	0	41	-6	W	1	NW	bmx	*	4	51	40	c of fm	omf c.	c bc bx	0.6	
	Eskdalemuir	1008.6	46	SW	3	od	1009.9	0	34	-10	-	0	-	bz	0.4	50	33	o	od om	od bc.	0.9		
	Malin Head	1009.6	46	NNW	5	cmv	1010.3	0	48	-2	NW	4	NW	bcmf	4	2	51	45	bcmf.	bcqf.	bcmf.	2.0	
	Blacksod Point	1014.3	47	NW	4	cg.	1013.7	0	46	-3	NW	1	-	og	3	1	50	45	bcf.	bc.	bcmf.	*	
	Valencia (Cahirciveen)	1014.4	51	NW	4	o	1014.9	0	50	+1	WNW	2	-	o	3	1	52	48	aw bc.	bc o.	o	3.1	
	Roche's Point	1015.6	48	NW	3	a	1014.8	*	47	0	WNW	1	-	o	2	-	52	46	bc.	bc o.	b o.	*	
	Birr Castle	1014.7	46	W	1	c	1013.7	*	43	-2	W	1	-	o	*	1	51	37	o c.	cf.	c o.	0.6	
	Donaghadee	1010.2	49	NW	4	og	1011.4	0	44	+2	NW	4	NW	cgmf.	3	1	53	42	bcmf.	cmf.	bcmf.	*	
	Liverpool (Bidston)	1009.9	50	W	2	†	1009.0	-1	48	+2	NW	3	N	bc	2	4	53	46	bc.	bc of.	cf bc.	6.4	
	Holyhead	1010.4	52	NW	5	cg.	1010.2	-1	49	0	NW	5	NW	c	4	1	55	48	c.	cf.	cf c.	4.8	
	Pembroke (St Ann's)	1012.4	51	WNW	3	c	1012.4	-1	46	-3	NW	2	NW	bc	2	2	53	46	bc.	cf c.	cf bc.	4.6	
	Hartland Quay	1014.7	51	NNW	6	bc	1014.1	0	50	+1	NNW	4	NW	c	4	0.4	59	48	cf.	c bc.	bc c.	7.3	
	Scilly (St. Mary's)	1013.4	50	NW	5	ofay.	1012.6	-1	45	-4	NW	3	-	bc	*	3	55	44	cf bc.	bc cf.	o bc.	3.9	
	Jersey (St. Aubin)	1010.5	51	WNW	3	bc	1009.1	*	50	0	NW	3	NW	c	2	9	57	48	of c.	c b bc.	bc of c.	2.3	
	Portland Bill	1010.3	52	WNW	3	c	1009.3	-1	50	-1	NW	4	NW	c	3	1	56	49	bc.	cf.	bc c.	*	
	Dungeness	1007.3	49	N	3	c	1005.7	0	42	-8	NNW	3	-	c	3	1	53	42	c of.	of c.	c o c.	*	
NORTHERN EUROPE.	Wick	1004.0	50	SW	2	o	1007.2	+2	46	-4	WNW	2	-	cmf	2	0.4	54	43	c	c of.	o bc cf.	*	
	Nairn	1004.9	50	WSW	1	bcg	1008.1	*	45	0	-	0	-	cg	1	0.3	56	42	bc c.	cf.	bc c.	3.3	
	Aberdeen	1006.5	50	SSW	2	c.	1008.0	+1	41	-6	W	2	-	bz.	2	-	57	40	bc.	bc c.	c bc b.	6.7	
	Leith	1006.5	50	SW	2	bc	1008.5	0	41	-4	SW	1	-	bc.	1	-	56	41	b bc c b	b.	bc bc.	*	
	Tynemouth	1008.3	51	-	0	cm	1007.5	-1	44	0	NW	3	-	om	3	-	56	44	cm	cm	om	*	
	Spurn Head	1009.2	52	SW	1	bcm	1006.2	-1	45	-3	NW	3	-	cmf	3	Trace	53	43	cm	bcm	bc cm	3.6	
	Yarmouth (Gorleston)	1009.1	49	N	2	om	1005.1	-2	46	-3	N	2	-	om	2	5	51	45	omf	omf	bcm om	0.0	
	Clacton-on-Sea	1008.6	49	NW	3	ogm	1005.6	-2	43	-6	WNW	2	NW	cm	1	1	50	42	ogf.	ogdm	og cm	0.0	
	Nottingham	1009.8	51	NW	1	o	1007.9	*	48	+3	NW	2	NW	cm	*	-	55	41	o c.	c om	o c.	0.6	
	Benson (Oxon.)	1009.5	46	NW	2	bc	1008.1	-1	45	+3	NNW	3	-	o	*	-	53	34	bc.	bc	b o.	*	
FRANCE, &c.	Sth Farnborough	1009.8	56	WNW	2	o	1008.0	-2	45	0	NW	3	-	ome	*	Trace	56	37	om c o	c o	ob om	1.2	
	Salisbury Plain	1010.2	48	NW	1	o	1010.8	0	45	0	NNW	2	-	c	*	-	54	36	c.	c o	of cm	*	
	London (Kew Obs.)	1009.2	52	NW	1	o	1007.2	0	44	-4	NW	1	-	omer	*	Trace	56	41	cm c o	o c o	o bc om	1.0	
	Spitsbergen	1022.9	34	-	0	b	1019.3	-3	34	-2	SE	5	-	s	3	*	36	32					
	Vardö	1015.0	45	E	4	o	1014.3	0	46	+5	E	1	-	bc	1	-	46	39					
	Bodö	1011.4	50	WNW	1	c	1009.6	-1	52	-2	WNW	2	-	c	2	Trace	54	43					
	Skudesnaes	1011.7	50	ESE	4	o	1006.3	-5	50	0	NE	3	-	o	3	2	52	48					
	Færder (Xtania Fjord)	1015.4	52	E	1	m	1011.0	-2	50	-2	ENE	4	-	†	2	9	52	50					
	The Scaw (Skagen)	1013.2	52	ESE	2	m	1006.0	-3	54	+2	E	4	-	o	4	14	54	52					
	Blaavands Huk	1009.7	50	E	1	c	1000.2	-4	55	+5	E	2	-	o	*	9	55	48					
IBERIA, &c.	Copenhagen	1011.5	54	ESE	4	†	1005.3	0	55	+3	ESE	7	-	m	*	7	55	50					
	Bornholm	1011.9	52	ESE	4	†	1007.1	-1	52	0	SE	5	-	c	1	1	52	50					
	The Helder	1007.4	52	NNE	2	o	996.7	-7	52	+4	NNW	7	-	†	3	12	54	48					
	C. Gris Nez	1006.6	50	NE	3	†	1005.3	+1	50	+4	NNW	5	-	o	4	12	52	46					
	La Hève	1008.0	52	N	3	o	1008.0	*	50	0	N	4	-	o	3	54	48						
	Brest (St. Mathieu)	1014.6	54	NNW	5	c	1013.3	0	52	-2	NW	5	-	o	4	3	55	48					
	Roche fort (Ile d'Aix)	1012.7	54	NNW	6	†	1010.6	0	50	-4	NNW	5	-	c	*	-	57	50					
	Biarritz	1013.3	54	NNW	6	†	1013.3	0	54	-1	WNW	4	-	clh	4	15	59	46					
	Paris	1008.4	50	WNW	2	b	1005.9	0	48	+5	WNW	2	-	o	*	3	57	43					
	Belfort	1008.3	43	WNW	2	†	1006.3	*	43	-2	WSW	4	-	o	*	18	50	41					
MEDITERRANEAN.	Lyons	1010.1	48	-	0	†	1009.5	0	46	-2	-	0	-	o	*	6	57	45					
	Nice	1003.1	54	-	0	c	1003.8	-1	48	-4	E	1	-	o	3	-	7	7					
	Perpignan	1012.3	54	NNW	3	c	1010.9	+1	52	-5	W	3	-	bc	*	12	64	59					
	Sanguinaire	1012.3	54	NNW	3	c	1007.5	*	57	-5	W	5	-	o	*	2	63	54					
	Corunna	1023.0	59	NNW	3	c	1021.1	-1	57	+2	WNW	4	-	†	3	Trace	64	55					
	Madrid	1027.7	*	SE	3	o	1026.9	0	63	-1	-	0	-	bc	2	-	70	63					
	Lisbon	1027.4	*	SSE	3	bc	1026.7	+1	63	+4	NE	1	-	bc	2	-	72	59					
	Azores (Horta)	1021.9	68	NE	3	o	1021.5	0	68	0	ENE	3	N	o	3	7	72	63					
	Madeira	1016.9	61	W	5	b	1015.9	*	59	-1	W	4	-	b	3	-	72	58					
	Gibraltar	1014.7	63	W	3	b	1013.0	0	61	0	-	0	-	b	2	-	70	55					
THE BEAUFORT SCALE OF WIND FORCE.	Malta	*	*	*	*	*	1015.1	+2	68	+4	WSW	2	-	b	1	Trace	72	63					
	Salonica	1013.5	61	NW	2	o	1013.2	+2	59	0	NW	1	-	m	*	5	69	57					
	Athens	*	*	*	*	*	1015.1	+1	72	0	-	0	-	b	0	-	82	63					
	Candia	1017.0	73	NNE	1	b	1017.1	+2	73	-4	-	0	-	b	1	-	82	68					
	Limassol	1015.3	75	N	1	b	1016.0	+1	70	-2	NE	2	-	b	*	-	86	64					
	Alexandria	1016.9	76	NW	3	b	*	76	+3	-	0	-	b	*	-	79	57						
	Cairo (Helwan)	1014.0	73	N	1	b	1016.0	+4	75	-2	-	0	-	b	*	-	86	64					
	Jerusalem	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Ramleh	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Ramleh	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

\* Information for these columns not usually received.

† Received too late for insertion in Charts

‡ The barometric change is expressed in half-millibars

## THE BEAUFORT SCALE OF WIND FORCE.

### Limits of Velocity.

No. Statute miles per hour. Metres per second.

0 Less than 1 Less than 0.3

1 1-3 0.3-1.5

2 4-7 1.6-3.3

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 24.5-28.1

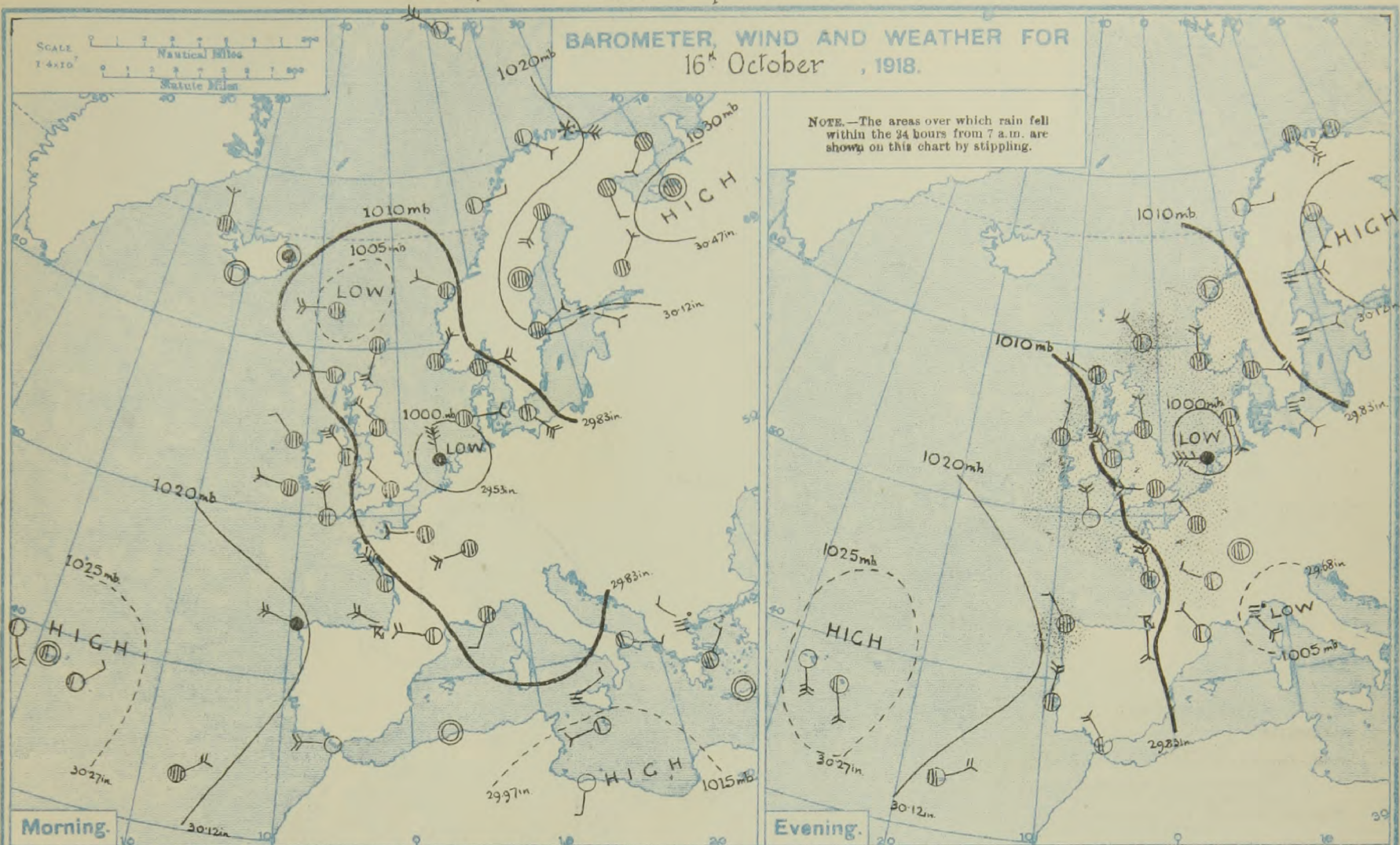
11 64-75 28.5-33.5



# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,783.

Thursday, 17<sup>th</sup> October 1918.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 16<sup>th</sup> OCTOBER.

STATIONS.		EVENING OF 15 <sup>TH</sup>					MORNING OF 16 <sup>TH</sup>										MORNING 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.		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.
		° F.					° F.	° F.					° F.	° F.			° F.	° F.					
RUSSIA.	Archangel ...						1030.9	+1	34	-5	SSE	2	0	-	*	*							
	Petrograd ...														*	*							
	Moscow ...														*	*							
SWEDEN.	Hernösand ...	1023.3	39	-	0	0	1021.7	*	41	0	-	0	0	*	*	*							
	Stockholm ...	1019.9	48	NE	4	0	1020.0	*	50	+4	ENE	2	0	*	*	*							
	Wisby ...	1018.3	52	NE	2	5	1014.1	*	54	+4	ESE	2	0	*	*	*							
ITALY.	Venice ...							*									TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM						
	Turin ...							*									17 <sup>TH</sup> AND 18 <sup>TH</sup> OCT. 1918.						
	Pesaro ...							*									Sunrise. Noon. Sunset.						
	Leghorn ...							*									G.M.T. G.M.T. G.M.T.						
	Rome ...							*									5.23 11.38 4.53						
	Viesti ...							*									6.25 11.38 4.51						
	Brindisi ...						1011.5	*	61	-2	SE	1	bc	-	72	61	6.28 11.45 5.2						
	Cagliari ...							*									6.30 11.45 5.0						
	Palermo ...						1012.9	*	64	+1	ENE	1	5	2	66	55	6.54 11.57 5.1						
	Tripoli ...						1018.6	*	63		SSW	1	b	-	72	55	6.56 11.57 4.58						
																	7.10 12.26 5.42						
																	7.12 12.26 5.40						

LONDON	Humidity.		Sun-shine for	24 HOURS ENDED 9 h. 17 <sup>th</sup>				WEATHER.		
	15 h.	9 h.		TEMPERATURE.			Rain-fall.	Morning.	Afternoon.	Night.
	16 <sup>th</sup>	17 <sup>th</sup>		Max.	Min.	Min. on Grass.				
GREENWICH (Royal Observatory) ...	75	88	0.0	52	43	41	-	0	0	0
CITY (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park) ...	73	86	0.9	53	45	42	0.2	*	*	*
" (Roof near Charing Cross) ...	72	87	0.0	53	46	*	Trace	om	om	om. od. c.
CAMDEN SQ. (British Rainfall) ...	74	88	0.0	54	44	41	Trace	0	0	*
KENSINGTON PALACE ...	74	93	*	52	45	39	0.3	0	0	*

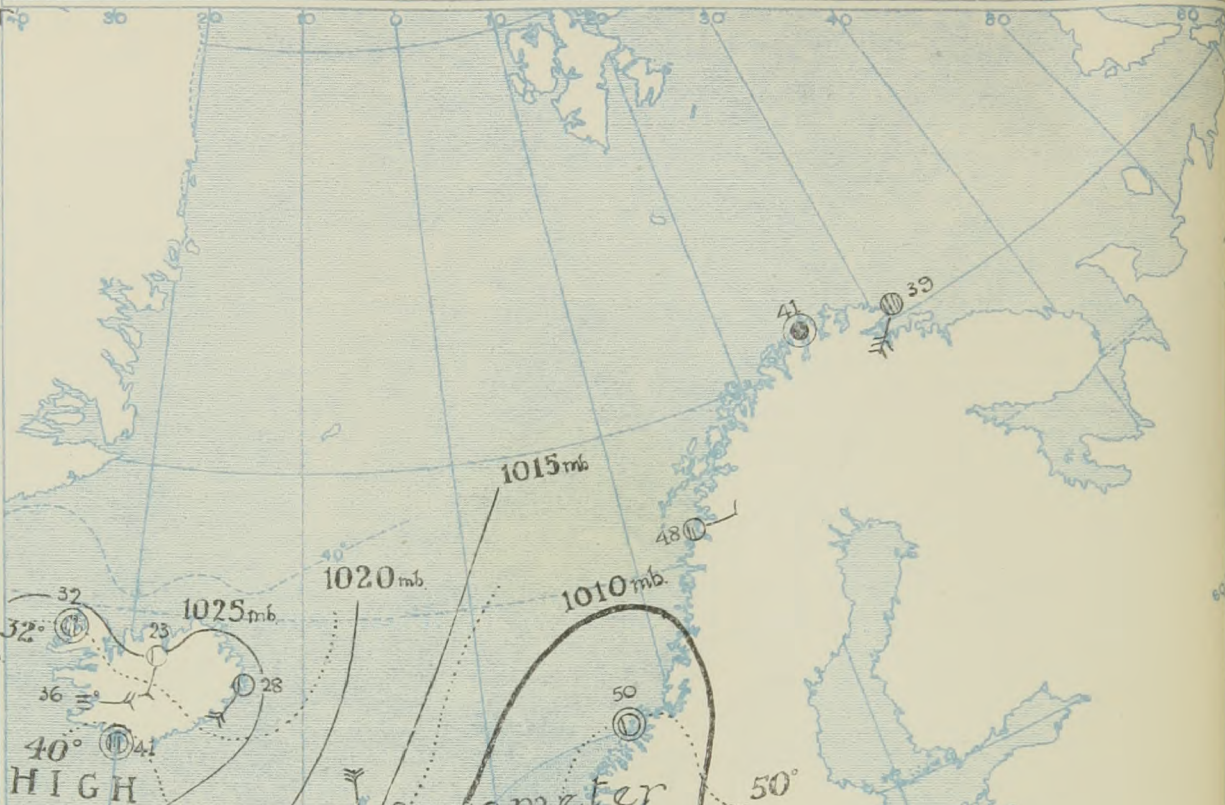
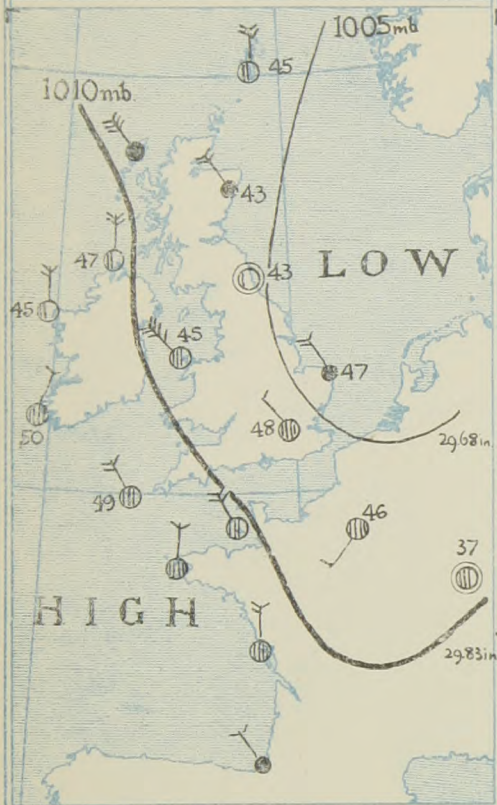
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

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.
330	8.5	27.5



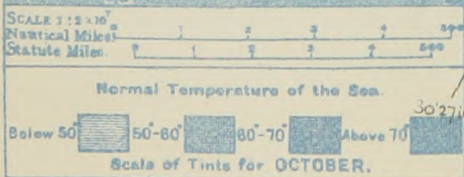
17<sup>th</sup>, OCT, at 1h. G.M.T.

THE MORNING OF Thursday, 17<sup>th</sup> OCTOBER 1918, 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





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

Showery weather prevailed over this country, and some heavy falls of rain were experienced on the neighbouring parts of the Continent; 23 mm. at the Helder. Temperature reached  $50^{\circ}$ - $55^{\circ}$  over the whole of the British Isles. Night minima in the screen again fell to  $33^{\circ}$  at Eskdalemuir, and also at Birr Castle.

## The Conditions at 7h. Today

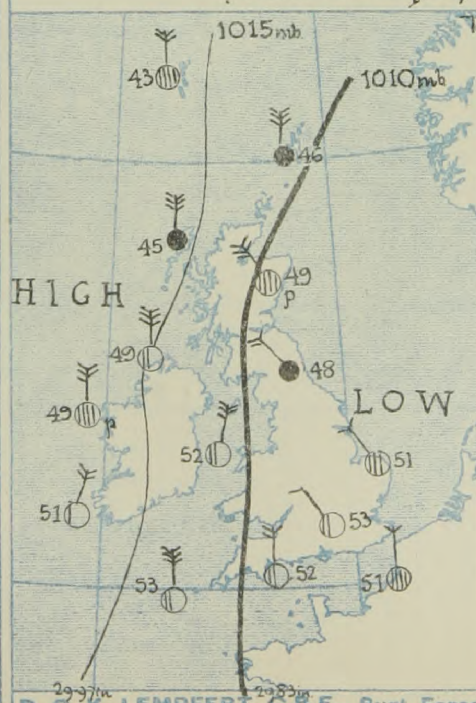
A depression now covers the whole North Sea, while the Azores anticyclone has spread northward and joins another anticyclone over Iceland. Between the high and low pressure systems a Northerly wind covers the British Isles, strong on our north-western coasts, but light or moderate in the east. Over the Southern and Eastern North Sea the wind is fresh from SW. and S. respectively. Rain is falling at a few stations, and there is much cloud over the country, with a few local clearer areas. Cloudy conditions prevail also over France.

## The Outlook

Under the influence of the Atlantic anticyclone cool but fairer conditions seem probable over this country for a time. The North Sea depression is likely to fill up.

H.H.

## GALES.

Thursday, 17<sup>th</sup> OCTOBER, 1918, at 13h. (1 p.m.) G.M.T.

The barometer is still rising generally and the Northerly wind current seems likely to persist.



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> Hours.
		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	1006.8	44	NW	4	bc	1007.1	+2	46	0	N	5	-	c	3	-	50	41	c	bc	cm	4.4
	Deerness (Orkney)	1006.4	46	WNW	4	bc	1007.8	*	47	0	NNW	4	-	of	3	9	50	42	bc	bc	bc.c	4.4
	Stornoway	1009.4	45	WNW	3	c	1013.0	+4	45	+1	N	6	-	c	5	4	50	44	c.bc	bc.c	bc.c	4.9
	Castletown (Barra Isd.)	1011.1	49	NW	4	o	1012.4	+5	48	+1	N	5	-	o	5	4	50	44	b.c	bc.o	o.c	4.4
	Glasgow	1008.5	45	WNW	2	c	1009.5	+2	41	0	WNW	2	N	c	*	-	52	36	bm.b.c	o.c	c.b	2.4
	Esksdalemuir	1005.7	48	NW	3	c	1008.2	+1	39	+5	NW	2	-	bc	*	0.1	51	33	bx.byz	oz.o	c.b	4.7
	Malin Head	1010.2	48	NNW	4	cq	1011.2	0	48	0	N	6	-	cm	6	2	49	45	bc	bc	cm	4.3
	Blacksod Point	1013.6	48	NNE	1	og	1016.7	+2	46	0	N	4	N	bc	2	Trace	50	44	og	og	bc	1.2
	Valencia (Cahirleeven)	1013.5	50	-	0	od	1016.5	+3	49	-1	N	4	N	c	3	2	53	47	o.c	c.oid	bc	1.2
	Roche's Point	1013.3	50	NW	1	o	1014.4	*	44	-3	WNW	2	NW	b	1	-	52	42	o	o	o.b	5.2
	Birr Castle	1011.8	45	W	1	c	1014.7	*	40	-3	NW	1	NW	c	*	-	53	33	c	c	c	5.2
	Donaghadee	1009.0	48	NW	4	bc	1009.4	+1	47	+3	NNW	5	N	cm	4	2	51	43	cm.b	bc.m	bc.m	4.5
	Liverpool (Bidston)	1007.5	50	NW	4	c	1007.9	+1	45	-3	NNW	2	N	b	2	-	52	45	bc	bc.o	o.b	4.5
	Holyhead	1009.9	51	NW	6	cq	1009.0	0	47	-2	N	6	N	cq	2	5	52	44	c	cq	b.b	3.2
	Pembroke (St. Ann's)	1011.6	50	NW	3	c	1010.3	+1	45	-1	N	3	NW	c	3	0.3	52	44	bc	bc.c	bc.c	7.7
	Hartland Quay	1013.3	51	NNW	4	bc	1011.2	0	49	-1	N	5	N	c	4	0.2	54	48	bc.c	bc	cf	4.2
	Scilly (St. Mary's)	1011.9	49	NW	2	bm	1010.1	0	44	-1	NW	2	-	b	*	Trace	54	40	bc	bc	c.b	5.7
	Jersey (St. Aubin)	1009.7	51	WNW	2	og	1007.2	*	47	-3	N	2	-	o	2	9	55	44	of.b	q.b.og	c.o	0.8
	Portland Bill	1008.8	52	NNW	4	c	1007.4	-1	46	-4	N	4	-	bc	3	-	55	46	c	c	c.b	*
	Dungeness	1005.7	49	NNW	3	o	1006.0	0	45	+3	NNW	2	N	c	2	-	53	42	c.b	c.o	c.o	*
	NORTHERN EUROPE.	Wick	1007.2	45	NW	2	om	1007.9	+3	47	+1	NW	3	-	om	3	2	50	42	cm	c. om	of. om
Nairn		1008.2	46	WNW	1	cq	1008.6	*	46	+1	WNW	3	-	cq	2	1	50	39	cf	c.b.c	bc.c	3.3
Aberdeen		1006.9	46	NW	3	b	1006.2	+1	46	+5	NW	4	W	b	2	0.1	53	40	b.b.c	o.c.b	bc.c	6.6
Leith		1007.0	50	NW	2	c	1007.6	0	41	0	WSW	2	-	o	2	-	52	39	bc.c	bc.c	c.c	*
Tynemouth		1005.4	49	NNW	2	om	1005.7	0	41	-3	NW	2	-	cm	3	0.3	52	40	om	om	bm	*
Spurn Head		1004.2	49	NNW	5	cq	1004.6	0	45	0	WNW	5	-	cq	5	2	52	42	cq	cq	cq	0.0
Yarmouth (Gorleston)		1003.3	50	NNW	3	o	1005.2	+2	44	-2	NW	2	-	cm	3	1	52	44	om	om	om	0.0
Clacton-on-Sea		1005.3	49	WNW	3	og	1006.3	+1	44	+1	WNW	2	NW	m	1	0.2	51	42	c. om	og. m	og. om	0.8
Nottingham		1006.8	48	NNW	3	*	1007.3	*	45	-3	NNW	2	W	om	*	1	52	44	o.c	od	of	0.1
Benson (Oxon.)		1007.2	48	NW	2	o	1007.3	0	43	-2	NNW	2	-	*	*	-	49	43	o	o	o	*
FRANCE, &c.	Sth Farnborough	1007.6	49	NW	4	o	1007.5	0	43	-2	WNW	2	-	o	*	-	53	42	om	o	o	0.2
	Salisbury Plain	1008.5	45	NNW	1	of	1008.1	0	38	-7	NW	2	-	b	*	0.2	51	36	bc.b	o.b	oc.b	*
	London (Kew Obsy.)	1006.9	50	W	2	om	1007.1	+1	45	+1	WSW	1	-	om	*	0.4	52	44	om	o. om	om. om	0.0
	Spitsbergen	1015.7	37	SW	3	o	1013.2	-1	39	+5	SW	5	-	o	3	*	39	19				
	Vardö	1012.2	48	E	1	b	1011.1	0	48	+2	E	1	-	bc	1	-	48	43				
	Bodö	1006.1	52	-	0	b	1006.6	+2	50	-2	-	0	-	b	2	2	55	45				
	Christiansund	1001.2	54	N	3	o	1003.7	+2	52	+2	S	1	-	o	2	9	54	50				
	Skudesnaes	1007.4	54	E	2	o	1010.4	+2	54	+4	SE	4	-	m	2	6	54	50				
	Færder (X'ania Fjord)	1004.8	54	ESE	3	o	1007.8	+4	52	-2	SE	3	-	bc	3	-	55	52				
	The Scaw (Skagen)	1001.7	54	SSE	3	o	1003.7	+5	52	-3	S	5	-	o	*	Trace	59	48				
IBERIA, &c.	Blaavands Huk	1005.5	54	ESE	3	c	1009.5	+3	50	-5	SE	1	-	m	*	Trace	57	41				
	Copenhagen	1007.4	54	SE	2	m	1010.0	+2	52	0	-	0	-	g	0	-	55	50				
	Bornholm	1002.6	+3	50	-2	WSW	5	-	r	3	23	52	50									
	The Helder	1005.9	52	NNW	4	o	1005.9	0	50	0	NE	3	*	c	2	-	54	48				
	C. Gris Nez	1009.1	50	NNW	3	o	1008.0	*	45	-5	S	3	*	r	3	15	54	45				
	La Hève	1013.2	52	NNW	4	c	1009.9	-2	48	-4	-	0	*	c	2	5	54	46				
	Brest (St. Mathieu)	1011.8	54	NNW	4	c	1008.6	-2	52	+2	NW	3	*	o	*	-	59	48				
	Rochefort (Ile d'Aix)	1011.3	54	NNW	4	c	1008.6	-2	52	+2	NW	3	*	o	*	-	59	48				
	Biarritz	1007.9	48	NW	1	o	1007.9	0	43	-5	SW	1	-	o	*	1	54	43				
	Paris	1009.1	43	-	0	c	1010.7	*	37	-6	-	0	*	c	*	-	50	35				
MEDITERRANEAN.	Belfort	1009.2	45	NW	1	bc	1009.3	*	45	-1	-	0	*	c	*	1	57	43				
	Lyons	1004.4	52	SE	4	m	1006.1	0	50	+2	E	3	*	c	2	-	61	45				
	Nice	1008.2	54	NW	2	bc	1009.9	0	48	-4	-	0	*	b	*	-	61	45				
	Perpignan	1008.7	63	SE	4	b	1008.2	*	55	-2	E	2	*	bc	4	-	63	55				
	Sanguinaire	1017.9	57	NW	1	o	1016.8	0	59	+2	NW	4	-	r	4	13	59	57				
	Corunna	1019.9	59	NNE	4	c	1019.0	0	59		NNE	2	-	o	5	-	63	59				
	Madrid	1025.3	*	SE	5	b	1025.2	+1	65	+2	SE	4	*	c	2	-	72	63				
	Lisbon	1026.0	*	SSE	3	bc	1021.9	0	68	+5	ENE	4	N	o	4	-	73	63				
	Azores (Horta)	1013.5	63	NW	3	bc	1013.9	*	57	-2	NW	5	*	bc	3	-	72	56				
	Madeira (P. Delgada)	1015.6	+2	60	+1	-	0	W	c	*	-	75	58									

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



# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

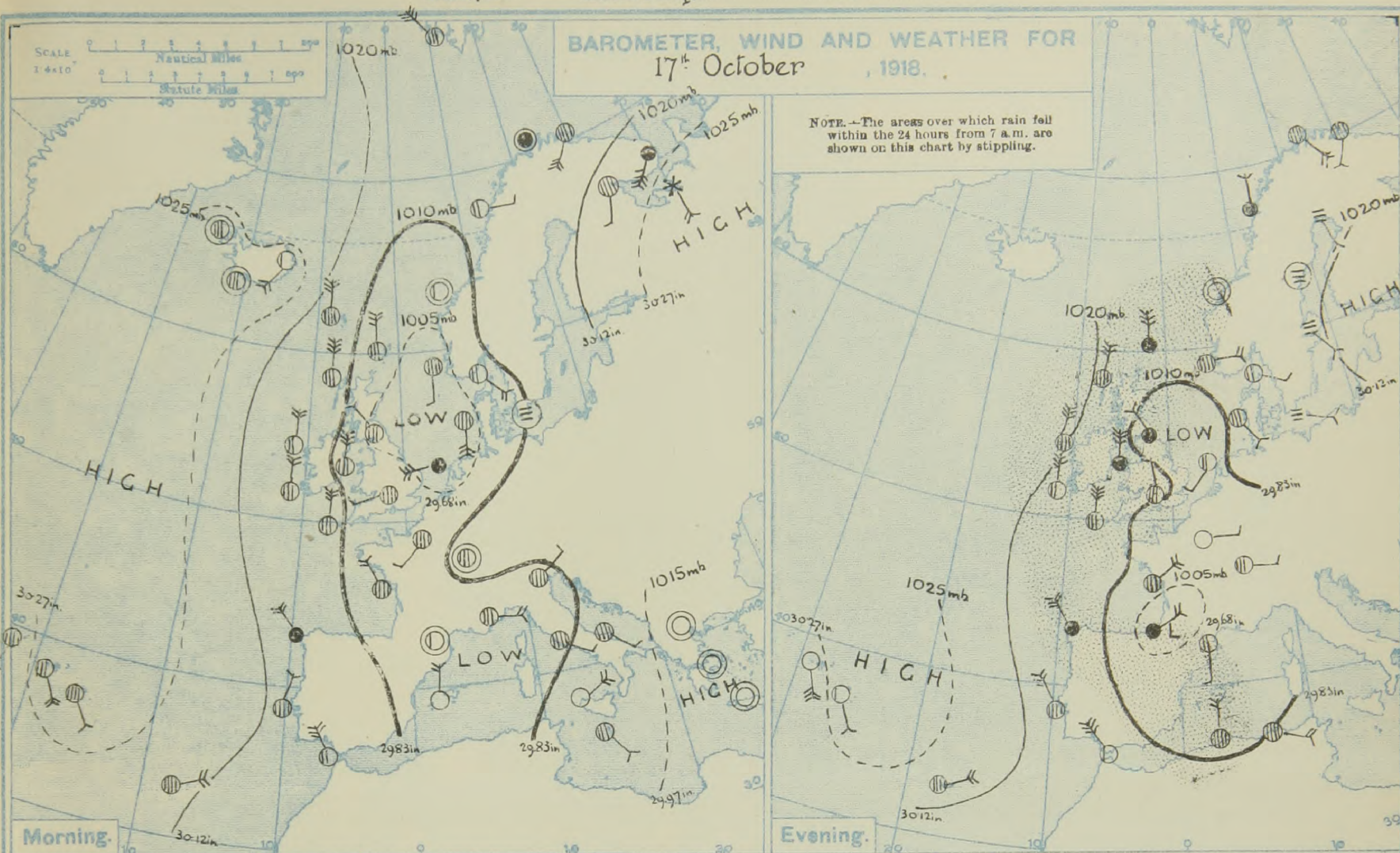
No. 20,784

Friday, 18<sup>th</sup> October

1918.

## BAROMETER, WIND AND WEATHER FOR 17<sup>th</sup> October 1918.

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 17<sup>th</sup> OCTOBER

STATIONS.		EVENING OF 16 <sup>TH</sup>					MORNING OF 17 <sup>TH</sup>										MORNING 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.			
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours.	Direc.	Force 0-12.		Weather.	Max.			Min.	Dry Bulb. ° F.	Change in 24 hours.	Direc.		Force 0-12.
RUSSIA.	Archangel ...		° F.				1027.7	-1	32	-2	S	3	S	-	° F.	° F.	Isafjord ...	1025.2	32	-5	-	0	c
	Petrograd ...														*	?	Reykjavik	1026.0	36	+9	E	3	m
	Moscow ...														*		Vestmanna	1025.7	41	+9	-	0	c
SWEDEN.	Hernösand ...	1018.6	45	E	2	f	1014.4	*	46	+5	-	0	f	*	*	*	Seydisfjord	1028.7	28	-11	SW	4	b
	Stockholm ...	1014.7	52	E	2	f	1017.0	*	54	+4	SE	2	a	*	*	*	Thorshavn	1015.8	37	-7	N	5	o
	Wisby ...	1012.7	52	E	2	f	1013.3	*	54	a	SSE	4	c	*	*	*	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM						
ITALY.	Venice ...	1007.5	59	SSE	1	r	1007.4	*	54	-1	NE	1	a	19	61	52	18 <sup>TH</sup> and 19 <sup>TH</sup> OCT 1918.		Sunrise.	Noon.	Sunset.		
	Turin ...	1005.9	48	-	0	r	1008.2	*	46	-4	-	0	bc	9	55	45		G.M.T.	G.M.T.	G.M.T.			
	Pesaro ...	1008.5	57	S	3	r	1008.9	*	55	-	0	0	c	1	68	52	Yarmouth ...	6.25	11.38	4.51			
	Leghorn ...	1007.4	55	-	0	o	1008.1	*	52	-7	ENE	4	o	42	64	50		6.26	11.38	4.50			
	Rome ...	1009.5	57	NE	1	o	1009.0	*	57	-4	SE	1	o	26	68	55	Greenwich ...	6.30	11.45	4.59			
	Viesti ...	1009.9	64	ESE	1	bc	1010.5	*	63	a	SE	1	o	-	72	55		6.31	11.45	4.59			
	Brindisi ...							*									Wick ...	6.56	11.57	4.58			
	Cagliari ...							*										6.58	11.57	4.56			
	Palermo ...	1012.6	64	ESE	1	bc	1010.5	*	70	+6	ENE	4	b	-	70	55	Valencia ...	7.12	12.26	5.40			
	Tripoli ...							*										7.13	12.26	5.38			

LONDON			24 HOURS ENDED 9 h. 18 <sup>th</sup>									
18 <sup>th</sup> Oct. 9h. G.M.T.			Humidity.		Sun-shine for 17 <sup>th</sup> Hours.	TEMPERATURE.			Rain-fall. mm.	WEATHER.		
15h.	9h.		17 <sup>th</sup>	18 <sup>th</sup>		Max. °F.	Min. °F.	°F. on Grass.		Morning.	Afternoon.	Night.
GREENWICH (Royal Observatory) ..	64	96	3.1	54	31	26	-	o.c.	c, bc, b.	bcx		
CITY (Bunhill Row) ..	*	*	1.0	*	*	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park) ..	68	100	0.5	54	35	31	-	*	*	*	*	*
" (Roof near Charing Cross) ..	64	96	0.7	54	38	*	-	om	bcn	bcn, f, w.		
CAMDEN SQ. (British Rainfall) ..	63	100	1.6	55	33	30	-	o	o	*		
KENSINGTON PALACE ..	64	97	*	54	34	23	-	2	2. c.	*		

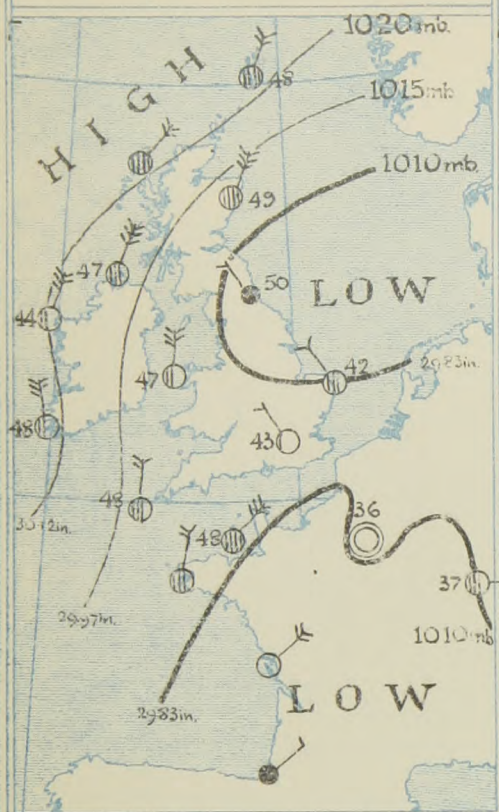
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

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.
340	9.0	25



18<sup>th</sup>, OCT, at 1h. G.M.T.

THE MORNING OF Friday, 18<sup>th</sup> OCTOBER 1918, 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 1/4 clouded. ☁ sky 1/2 clouded. ☁ sky 3/4 clouded. ☁ overcast sky. ☁ rain falling. ☁ snow. ☁ hail. ☁ fog. ☁ mist. ☁ thunder. ☁ thunderstorm.

SEA DISTURBANCE.—Rough. High.

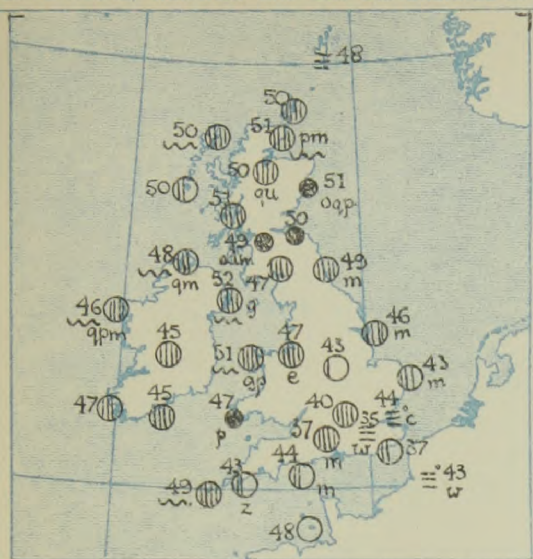


SCALE 1:2-10  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea.

Below 50 50-60 60-70 Above 70  
Scale of Tints for OCTOBER.





## GALES.

### The Conditions at 7h. Today

Rain fell in nearly all districts, but the amounts were for the most part small; between 5 and 10 mm. were measured at a few isolated stations. Sunshine measurements were variable, up to 7½ hours at Clacton, and 6 hours at Scilly and Birr Castle. Day temperatures were very uniform over the whole country, reaching 50° or a few degrees over. At South Farnborough the screen temperature fell to 29° at night.

An anticyclone which extends from the Farøe to the North Cape is spreading down to the British Isles. A low pressure area covers the Western Mediterranean. Between these two systems a large area of uniform pressure has formed over England and France, where calms or light airs prevail, with dull weather, and mist and fog in some localities. Nearer the anticyclone, in the north of Scotland, fresh or strong winds from NE. are blowing, with showery or rainy weather. The region of calm weather is thus associated with low pressure, and the strong winds with high pressure, in opposition to the normal distribution.

## The Outlook

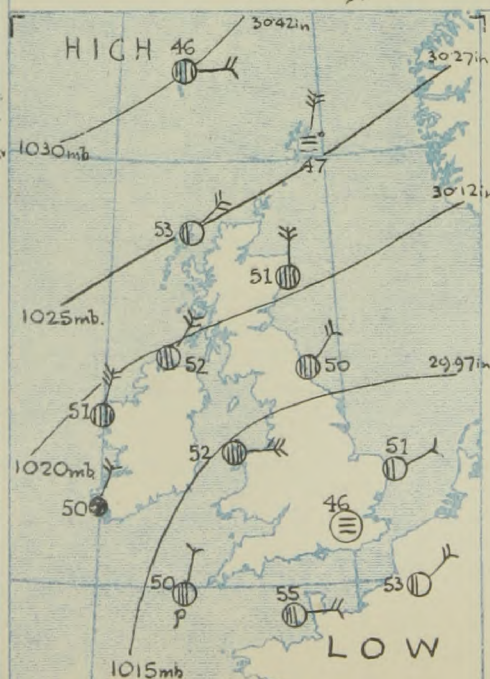
A period of North-Easterly or Easterly winds, with cool dull weather seems likely to set in.

M.H.



Friday, 18<sup>th</sup>

OCTOBER, 1918, at 13h. (1 p.m.) G.M.T.



This morning's inference is confirmed.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 291.

FRIDAY,  
18<sup>TH</sup> OCTOBER

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> Hours.
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 5 hours.	Temp. °F.	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	1014.7	46	N	6	omf	1022.6	+4	48	+2	NNE	4	-	f	2	4	48	47	cmf	omf	f	*
	Deerness (Orkney)	1013.9	48	N	6	of	1022.7	*	50	+3	NE	4	-	a	3	4	50	46	of. a.	of. of.	of. of.	0.1
	Stornoway	1019.5	43	NNE	5	of. q.	1022.7	+2	50	+5	NE	6	-	o	5	1	50	42	c. of. q.	c. of. q.	od. q.	0.6
	Castlebay (Barraisd.)	1019.8	45	N	5	og	1021.2	0	50	+2	N	3	-	bc	3	1	50	45	c. of. q.	ch. q. o.	o. bc.	3.8
	Glasgow	1013.2	48	NNW	2	c	1014.9	+4	49	+8	NE	4	-	omd	*	1	54	40	c. bc. cl.	o. c. o. cl.	ch. of.	4.4
	Eskdalemuir	1011.0	45	N	3	o	1012.9	+5	47	+8	NE	5	-	o	*	2	50	39	bc. bc.	og. o. of.	o. of. cl.	2.7
	Malin Head	1016.2	48	NNE	6	cmq	1015.7	0	48	0	NNE	6	NE	cmq	6	1	50	45	bc. m. q.	bc. m. q.	cm. q.	2.6
	Blacksod Point	1021.2	47	NNE	6	omgh	1019.4	0	46	0	NNE	6	-	omgh	6	9	50	43	cg.	og. m. q.	bc. om.	*
	Valencia (Cahirciveen)	1019.8	51	N	5	bc	1018.9	-1	47	-2	NNE	4	-	c	3	-	52	45	c. b.	b. a. bc.	c	2.6
	Roche's Point	1017.2	50	N	3	c	1016.9	*	45	+1	N	3	-	o	2	Trace	52	43	bc.	bc. b.	c. o.	*
	Birr Castle	1017.0	47	NW	2	c	1016.8	*	45	+5	NW	1	-	o	*	-	52	39	c	c.	c. o.	3.8
	Donaghadee	1013.2	50	N	5	cmq	1013.5	0	52	+5	N	5	-	og	5	1	52	46	cm. q.	bc. m. q.	bc. m. q.	*
	Liverpool (Bidston)	1011.3	51	NNW	2	o	1010.0	-1	47	+2	NW	2	-	ol	2	2	51	45	bc. of.	o. c. o.	of.	2.9
	Holyhead	1012.6	51	N	6	cg	1010.8	-1	51	+4	N	6	-	og. q.	5	1	54	46	cg. c.	bc. q.	bc. of.	4.9
	Pembroke (St. Ann's)	1013.4	47	N	2	r	1013.2	+1	47	+2	N	1	NW	ch	2	6	51	44	ch	ch	bc. of.	1.9
	Hartland Quay	1013.0	51	N	6	c	1013.4	0	49	0	N	5	N	o	5	4	54	48	c. bc.	bc. c.	ch. of.	6.0
NORTH EUROPE.	Falmouth	1012.3	46	N	4	b	1012.7	+1	43	-1	N	2	-	bc. 2	*	Trace	52	39	bc. q.	bc. q.	b. bc.	4.5
	Jersey (St. Aubin)	1008.7	48	N	2	b	1010.9	*	48	+1	NE	1	-	b	1	10	52	43	of. og.	q. bc. b.	ow.	0.8
	Portland Bill	1009.7	50	N	3	bc	1011.3	0	44	-2	NNE	3	-	bc. m	3	-	55	44	bc.	bc.	bc.	*
	Dungeness	1009.3	50	NE	2	b	1011.2	+2	37	-8	N	2	-	bc	2	-	54	36	c. bc.	bc.	b. bc.	*
	Wick	1014.8	48	N	5	omgh	1021.8	+3	51	+4	NNE	4	-	omf	5	4	51	47	om. q.	om. q.	om. q.	*
	Nairn	1015.3	47	NNE	5	og. q.	1020.3	*	50	+4	ENE	5	-	om. q.	4	7	50	45	cg.	h. q. c.	q. of. cl.	0.0
	Aberdeen	1010.1	48	NW	5	og. q.	1018.7	+7	51	+5	ENE	5	-	og. q.	4	6	51	45	bc. of. q.	of. q.	of. q.	0.0
	Leith	1010.9	50	N	4	c	1014.3	+3	50	+9	NE	6	-	+	4	2	52	41	o. c. bc. c.	u. c. o. c.	cd. q. d.	*
	Tynemouth	1008.0	47	NW	3	rm	1011.1	+5	49	+8	ENE	3	-	om	3	8	50	40	om.	om.	om.	2.6
	Spurn Head	1007.9	48	NNW	4	of. q.	1010.4	+2	46	+1	SSW	1	-	om	3	1	50	43	cg.	c. of. q. m.	c. om.	2.6
	Yarmouth (Gorleston)	1009.2	45	NW	1	bc.	1011.7	+8	43	-1	W	1	-	cm	1	0.2	53	40	ec. m.	cm. b. m.	bm. cm	3.1
	Clacton-on-Sea	1010.0	46	NNW	1	bc. m	1012.2	+2	44	0	N	1	-	cm	0	-	54	38	cm. bc.	bc. m.	bc. m. c.	7.4
	Nottingham	1010.8	48	NNW	2	o	1011.3	*	43	-2	SW	1	SW	bm	*	2	53	42	o. c.	of.	od.	3.2
	Benson (Oxon.)	1010.5	45	N	1	bc	1011.5	0	40	-3	-	0	-	o	*	6	53	34	b. bc.	bc.	b. bc.	*
	Sth Farnborough	1010.9	45	N	1	bc. m	1012.5	+1	30	-13	N	1	-	of. x	*	Trace	53	29	om. cm.	om. bc. m.	hm. bc. q.	1.4
	Salisbury Plain	1011.2	45	NNE	1	bc	1012.7	+1	37	-1	-	0	N	om	*	-	49	32	b. bc. o.	o. cm.	bc. cm.	*
London (Kew Obs.)	1010.7	48	NNW	1	cm	1013.0	+2	35	-10	-	0	-	fw	*	Trace	53	34	om. d. bc.	bc. cm	cm. bc. q.	2.6	
FRANCE, &c.	Spitsbergen	1016.3	37	SW	2	o	1024.8	+3	34	-5	N	4	-	o	4	*	41	34				
	Vardö	1015.4	46	N	2	+	1025.3	+3	43	-5	N	1	-	b	1	-	48	41				
	Bodö	1014.7	48	-	0	b	1024.7	+4	48	-2	W	2	-	o	2	1	55	48				
	Christiansund	1014.6	52	E	3	o	1018.9	+5	50	-2	NNE	3	-	b	3	-	54	48				
	Skudesnaes	1016.3	52	NE	1	o	1020.7	+3	52	-2	NE	3	-	o	1	Trace	54	52				
	Færder (Kjantafjord)	1013.5	50	SE	1	bc	1017.1	+3	54	+2	ESE	3	E	bc	3	-	55	50				
	The Scaw (Skagen)	1011.4	48	SSE	2	c	1014.9	+3	50	-2	S	1	-	o	*	6	55	45				
	Blaavands Huk	1012.7	54	ENE	2	o	1015.8	+4	54	+2	ESE	5	-	m	*	-	54	50				
	Copenhagen	1012.7	52	ESE	2	f	1015.9	+3	52	0	E	3	-	f	0	-	54	48				
	Bornholm	1012.7	52	ESE	2	o	1015.9	+3	52	0	E	3	-	f	0	-	54	48				
	The Helder	1009.5	48	SW	1	bc	1012.7	+3	50	0	E	1	-	c	1	Trace	54	45				
	C. Gris Nez	1009.1	50	NE	2	bc	1011.5	+2	50	0	NE	1	*	o	1	4	54	46				
IBERIA, &c.	La Hève	1008.6	54	NE	3	o	1012.3	*	43	-2	-	0	*	m	-	-	55	43				
	Brest (St. Mathieu)	1011.8	48	NNE	4	o	1012.7	+1	46	-2	NE	3	*	c	2	54	45					
	Roche fort (Ile d'Aix)	1006.1	48	NE	4	o	1009.1	+1	45	-7	NE	4	*	o	*	-	55	43				
	Biarritz	1002.0	50	ENE	3	r	1008.0	+2	48	+	SSE	2	*	+	*	26	54	45				
	Paris	1008.8	45	E	1	b	1011.4	+2	39	-4	ENE	1	-	f	*	-	64	34				
	Belfort	1007.7	45	-	0	c	1012.2	*	37	0	E	4	*	f	*	-	54	36				
	Lyons	1008.2	45	NNW	2	b	1009.6	*	43	-2	-	0	*	o	*	Trace	52	39				
	Nice	1005.5	0	50	0	1005.5	0	50	0	E	3	*	bc	*	-	55	41					
	Perpignan	1005.2	52	S	1	bc	1004.6	+3	48	0	WNW	3	*	o	*	18	63	45				
	Sanguinaire	1006.1	57	SW	1	bc	1003.7	*	57	+2	E	2	*	o	*	-	66	54				
	Corunna	1014.3	57	NW	5	r	1016.3	0	54	-5	S	1	-	c	4	9	61	48				
	MEDITERRANEAN.	Madrid	1015.9	54	NW	5	o	1019.5	+2	52	-7	NW	2	S	b	1	-	61	45			
Lisbon		1024.6	*	SE	5	b	1022.6	-1	66	+1	SE	5	*	o	3	-	72	64				
Azores (Horta)		1025.7	*	SE	2	b	1023.8	-1	61	-3	NE	1	*	b	2	-	68	61				
" (P. Delgada)		1021.3	68	ENE	4	o	1020.8	0	64	-4	NE	3	N	o	3	-	72	61				
Madeira		1013.5	64	NW	6	b	1011.8	*	59	+2	NW	5	*	c	3	-	69	56				
Gibraltar		1013.5	64	NW	6	b	1011.8	*	59	+2	NW	5	*	c	3	-	69	56				
Palma		1013.5	64	NW	6	b	1011.8	*	59	+2	NW	5	*	c	3	-	69	56	</			

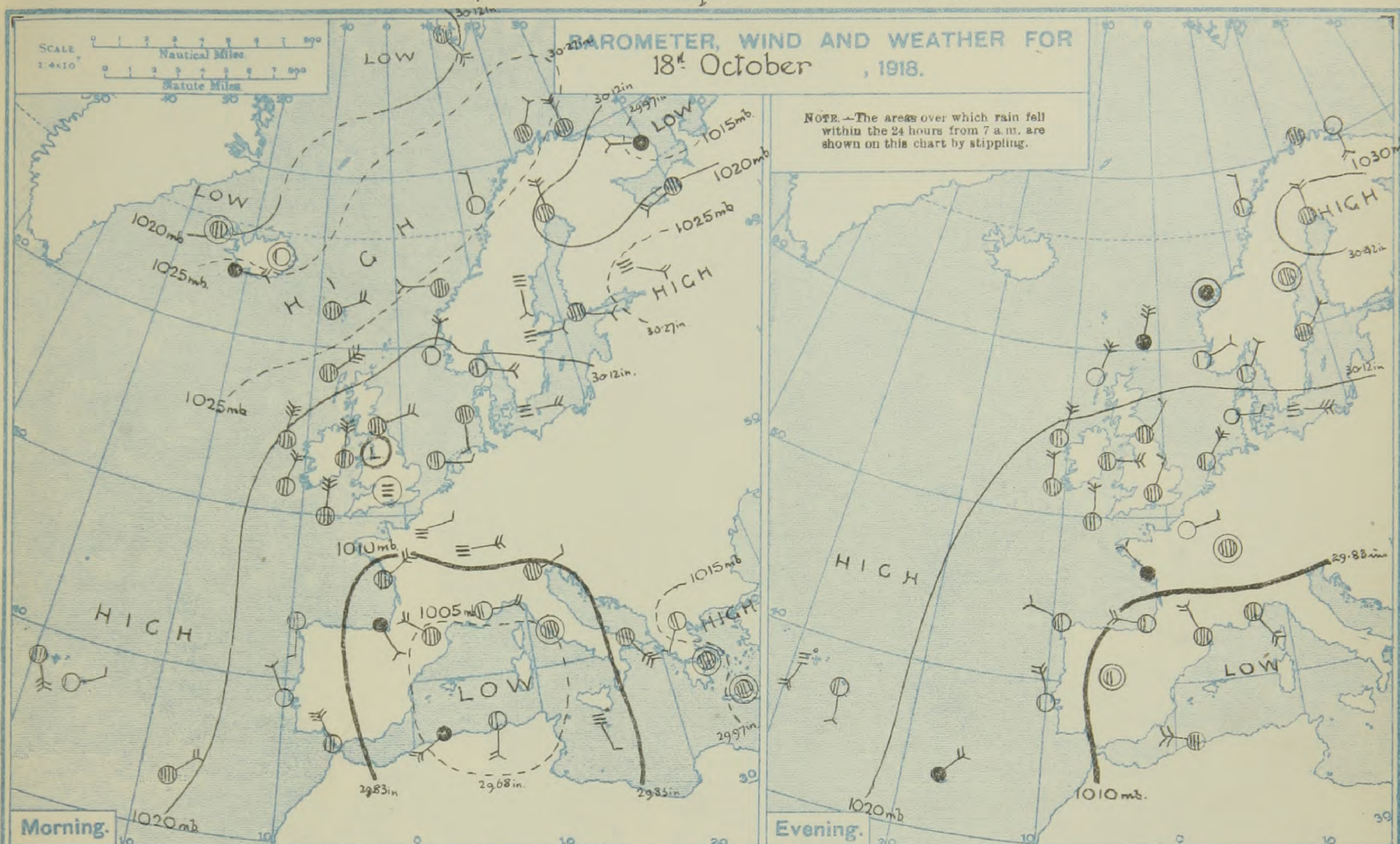


# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 2785.

Saturday, 19<sup>th</sup> October

1918.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 18<sup>TH</sup> OCTOBER.

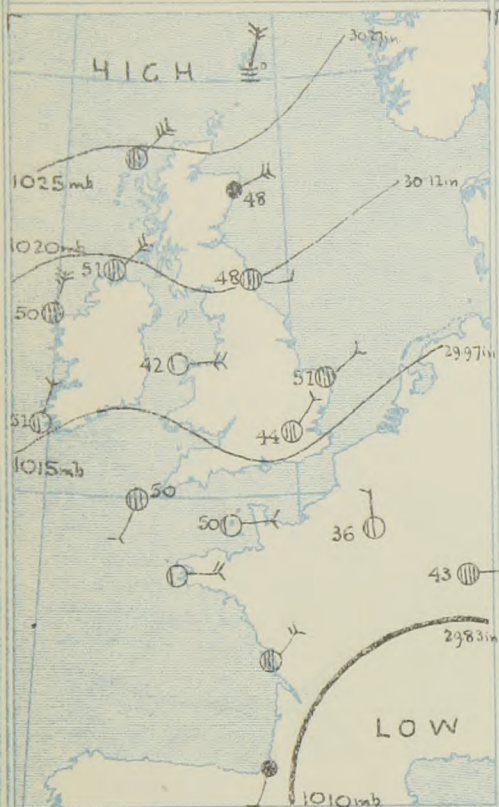
STATIONS.		EVENING OF 17 <sup>TH</sup>					MORNING OF 18 <sup>TH</sup>										MORNING OF 18 <sup>TH</sup>							
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND		Weather.	BAROMETER.		TEMP.		WIND.		Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.				
				Dirac.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours. ° F.	Dirac.	Force 0-12.		Weather.	Max.			Min	Dry Bulb.	Change in 24 hours. ° F.	Dirac.	Force 0-12.	Weather.	
		° F.													° F.	° F.			° F.	° F.				
RUSSIA.	Archangel ...						1020.2			45	+13	W	3	0		*	?	Isafjord ...	1018.7	48	+16	-	0	c
	Petrograd ...																	Reykjavik	1024.8	45	+9	ESE	4	0
	Moscow ...																*		Vestmanna	1028.0	45	+4	E	3
SWEDEN.	Hernösand ...	1019.3	46	-	0	f	1023.5	*	45	-1	S	2	f		*	*	*	Seydisfjord	1023.9	30	+2	-	0	b
	Stockholm ...	1018.9	52	SE	2	f	1022.7	*	52	-2	E	2	f		*	*	*	Thorshavn	1028.7	45	+8	ENE	3	0
	Wisby ...	1017.3	52	SE	2	0	1020.0	*	52	-2	ESE	2	c		*	*	*							
ITALY.	Venice ...	1009.1	55	-	0	γ	1009.4	*	52	-2	ENE	1	0	1	57	52	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM							
	Turin ...	1009.3	50	-	0	0	1011.4	*	50	+4	-	0	0	?	55	45								
	Pesaro ...	1009.3	53	-	0	0	1009.0	*	52	-3	-	0	γ	?	?	?	19 <sup>TH</sup> AND 20 <sup>TH</sup> OCT 1918.	Sunrise.	Noon.	Sunset.				
	Leghorn ...	1008.5	52	-	0	c	1006.3	*	52	0	E	1	0	4	55	48	G.M.T.	G.M.T.	G.M.T.					
	Rome ...	1009.0	57	SE	1	γ	1005.0	*	53	-4	-	0	0	?	61	53	Yarmouth ...	...	...	...	...	...		
	Viesti ...	1010.5	64	SE	1	0	1007.1	*	64	+1	SE	5	0	3	?	55	...	...	...	...	...			
	Brindisi ...	1014.1	66	SE	2	bc	1011.4	*	64		SSE	6	0	-	72	57	Greenwich ...	...	...	...	...	...		
	Cagliari ...							*									Wick ...	...	...	...	...	...		
	Palermo ...	1007.6	?	?	?	b	1005.5	*	?		S	6	b	-	?	?	Valencia ...	...	...	...	...	...		
	Tripoli ...							*																

LONDON		HUMIDITY.		Sun-shine for 12 <sup>TH</sup>	24 HOURS ENDED 9 h. 10 <sup>TH</sup>					WEATHER.		
		15 h.	9 h.		Max.	Min.	Min. on Grass.	Rain-fall.		Morning.	Afternoon.	Night.
19 <sup>TH</sup> OCTOBER 9h. G.M.T.		18 <sup>TH</sup>	19 <sup>TH</sup>	18 <sup>TH</sup>	°F.	°F.	°F.	mm.				
GREENWICH (Royal Observatory)		78	94	0.5	50	37	28	5	f	cm	bc m. or	
CITY (Bunhill Row)				0.0	*	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)		74	96	0.0	51	38	36	4	*	*	*	*
" (Roof near Charing Cross)		73	97	0.0	53	41	*	4	f.w.	f. bc m.	bc m. or ond	
CAMDEN SQ. (British Rainfall)		91	99	0.0	48	37	33	4	0	0	*	*
KENSINGTON PALACE		75	96	*	49	?	28	4	fe	fe. m.	*	*
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.												
SOUTH KENSINGTON (M.O.)												
Vertical Component of Solar Radiation per square Centimetre during 18 <sup>TH</sup>												
Total.	Average Rate.	Max. Rate.										
Joules.	Milliwatts.	Milliwatts.										
150	4.1	12.0										



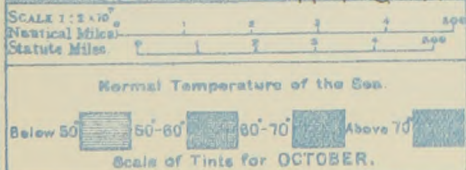
19<sup>th</sup> OCT, at 1h. G.M.T.

THE MORNING OF Saturday, 19<sup>th</sup> OCTOBER 1918, at 7h. G.M.T.

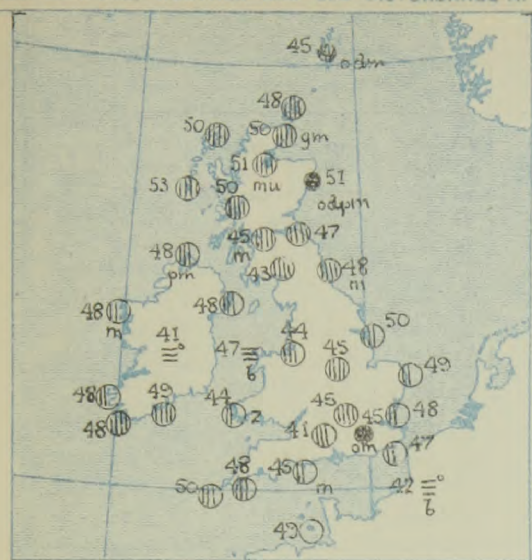


# EXPLANATION.

**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.







## GALES.

## STRICTLY CONFIDENTIAL.

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

Some rain again fell in most districts and the sky was three quarters or wholly covered with cloud except at a few stations. Of these Jersey was the most notable 9.3 hours of bright sunshine being recorded. Thunderstorms occurred in the south-east of England during the night. Temperature rose to 50°-55° in all parts and fell to 30° in the screen at South Farnborough. At Paerder temperature remained steady at 52° throughout the 24 hours.

## The Conditions at 7h. Today

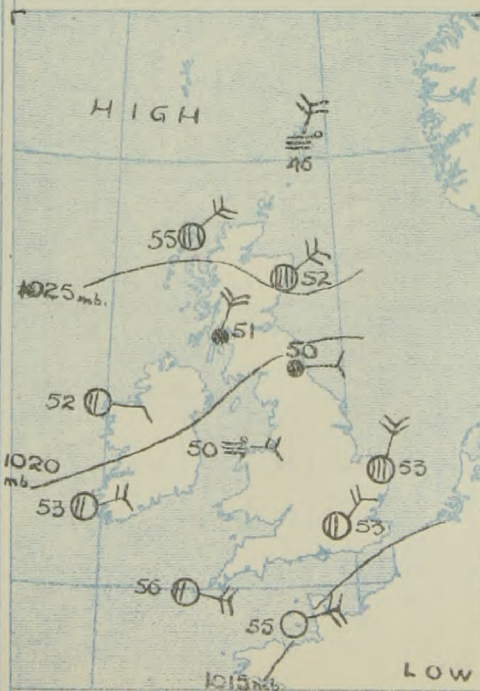
An anticyclone lies off the north-west of Scotland and pressure is low over the western continent and Mediterranean. A gradient for NE. winds between these two systems covers the British Isles and North Sea, but surface winds do not exceed a moderate force at any station. There is much cloud over this country and the North Sea with some local showers and drizzling rain. Fog is reported at Flushing, Paris and in the Southern Baltic.

## The Outlook

The same type of conditions, high pressure in the north, low in the south, seems likely to continue with North-Easterly winds and cool, dull weather.

SATURDAY, 19<sup>th</sup>

OCTOBER, 1918, at 13h. (1p.m.) G.M.T.



No change of importance in the general conditions has occurred since the morning.



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. °F.	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.					
				Direc.	Force 0-12.				Dry Bulb. °F.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick	1025.0	47	NNE	5	md	1024.1	+2	45	-3	ENE	4	-	omd	3	1	48	43	fd.	fd.	omd	0.0		
	Deerness (Orkney)	1024.7	48	NE	4	of	1026.7	*	48	-2	NE	4	-	o	3	1	50	47	od.	hdo.	ofdo.	0.0		
	Stornoway	1025.1	51	NE	4	odf	1025.6	+1	50	0	NE	4	-	o	4	0.3	53	48	o. bc.	bc. od.	c. o.	3.8		
	Castlebay (Barra Isd.)	1023.2	51	NNE	4	bcg.	1023.6	+2	53	+3	NE	4	-	o	4	-	55	50	bcg.	c. bcg.	bcg. o.	6.0		
	Glasgow	1018.7	49	NE	3	omf	1022.0	+1	45	-4	E	1	-	om	3	52	43	omf.	of. om.	od. om.	0.1			
	Eskdalemuir	1016.2	48	NNE	5	omf	1021.8	+1	43	-4	SSW	1	-	o	5	49	42	odm. o.	of. om.	om. o.	0.0			
	Malin Head	1018.8	52	NNE	3	cmf	1020.7	+3	48	0	SE	2	SE	bcnfp	3	1	53	48	cg.	cmg.	bcm	1.8		
	Blacksod Point	1018.8	50	NNE	4	cgz	1019.3	+2	48	+2	E	2	E	bcm	3	0.4	52	45	omg.	cgz.	cmong	0.8		
	Valencia (Cahirveen)	1016.5	52	N	3	o	1016.2	+2	48	+1	NE	4	NE	bcz	3	2	53	47	o. c.	od.	of. o.	0.8		
	Roche's Point	1014.0	50	N	3	og	1016.2	*	49	+4	E	4	-	o	4	2	52	44	of.	o. c.	of. o.	0.0		
BRITISH ISLANDS.	Birr Castle	1015.7	51	NW	1	r	1018.9	*	41	-4	NW	1	-	m	2	52	41	odf.	odf.	of. s.	0.0			
	Donaghadee	1016.8	51	ENE	5	omg.	1019.2	+2	48	-4	SE	2	SE	cg.	2	4	54	48	og. cg.	cmg.	of. bc.	0.0		
	Liverpool (Bidston)	1014.7	50	E	1	m	1019.1	+1	44	-3	ENE	1	-	c	1	1	51	43	d. om.	og.	cm	0.0		
	Holyhead	1014.5	51	E	4	cm	1018.9	+1	47	-4	E	4	-	bm	3	1	53	45	og. cg.	cg. cm	c. bm.	0.3		
	Pembroke (St. Ann's)	1012.6	50	NE	2	r	1017.0	+3	44	-3	ENE	3	E	bcz	3	3	51	43	of. d.	of. d.	of. cbz.	0.0		
	Hartland Quay																							
	Scilly (St. Mary's)	1013.6	49	N	3	c	1014.1	+1	50	+1	ESE	3	SE	c	3	6	52	47	cmf.	cf.	cm	0.6		
	Falmouth	1013.3	49	NNW	2	oe	1015.0	+2	48	+5	ENE	3	-	bc	5	55	43	bc. c.	bcg. of.	of. c.	2.8			
	Jersey (St. Aubin)	1012.1	51	NE	1	b	1014.2	*	49	+1	NE	1	-	b	1	-	57	44	b	b	bw	9.3		
	Portland Bill	1012.5	53	ENE	3	c	1014.8	+2	45	+1	NE	4	-	bcm	3	-	55	44	bc.	bc. c.	bcm.	0.0		
BRITISH ISLANDS.	Dungeness	1013.2	51	NNE	3	b	1014.2	+1	47	+10	NE	3	NE	bc	2	3	54	36	c. b.	b.	btl. c.	0.0		
	Wick	1024.2	49	NNE	4	omd	1026.0	+1	50	-1	NNE	3	-	omg.	3	1	51	48	omf.	omd.	od. omg.	0.0		
	Nairn	1023.4	49	NE	4	dgo	1023.6	*	51	+1	ENE	2	-	om	2	3	51	47	og.	og.	dgh.	0.1		
	Aberdeen	1021.1	50	NNE	4	of	1023.3	+1	51	0	ENE	4	-	odf.	4	5	53	49	of.	of.	odm.	0.0		
	Leith	1017.0	50	NE	6	r	1021.0	0	47	-3	SW	1	-	om	2	5	52	47	od. o.	r.	r. o. cm.	0.0		
	Tynemouth	1015.7	49	NE	1	om	1019.4	0	48	-1	N	1	-	om	3	1	51	48	omf.	om	om	0.0		
	Spurn Head	1016.0	50	ESE	1	bcm	1017.9	0	50	+4	N	3	-	c	3	Trace	51	46	om	o. bcm	c	0.0		
	Yarmouth (Gorleston)	1015.1	50	NE	2	b	1015.4	0	49	+6	NNE	3	-	bc	3	3	53	41	cm. b.	bc. b.	bc	3.5		
	Clacton-on-Sea	1015.0	47	N	2	bcm	1015.7	0	48	+4	N	3	SE	bc	2	0.2	52	42	cm	c. bcm	clt. bc.	2.5		
	Nottingham	1015.4	47	E	1	c	1018.7	*	45	+2	NE	2	-	om	*	-	51	40	cm. o.	o. c.	c. bc.	0.1		
NORTHERN EUROPE.	Benson (Oxon.)	1014.5	39	E	1	b	1017.1	+1	45	+5	NNE	1	-	o	2	52	36	o	bc	br. o.	0.0			
	St. Farnborough	1014.9	45	E	2	om	1016.4	+1	41	+11	N	1	-	om	Trace	51	30	of. om.	cm. om.	om	3.2			
	Salisbury Plain	1014.2	46	E	1	o	1016.8	+1	41	+4	N	1	NE	c	*	-	52	36	om. bc.	c. om.	bm. bc.	0.0		
	London (Kew Obs.)	1014.9	44	NE	1	f	1016.7	+2	45	+10	ESE	1	-	orm	*	4	48	sw. f.	f.	f. orm	0.0			
	Spitsbergen																							
	Vardö	1028.4	30	S	3	b	1023.8	-8	32	-2	SW	7	-	o	5	*	34	30						
	Bodö	1029.7	41	N	1	bc	1025.7	-1	41	-2	SW	4	-	bc	2	-	43	37						
	Christiansund	1027.8	48	-	0	r	1028.3	+1	46	-2	NNW	3	-	m	2	Trace	50	46						
	Skudesnæes	1022.6	55	ENE	2	b	1024.7	+1	48	-2	-	0	-	b	0	-	63	46						
	Færder (Xianla Fjord)	1025.3	52	NNE	2	o	1026.7	+2	52	0	NE	4	-	o	1	Trace	52	52						
NORTHERN EUROPE.	The Scaw (Skagen)	1021.2	52	NE	2	b	1023.1	+1	54	0	NE	3	-	o	3	-	57	54						
	Blaavands Huk	1017.6	54	E	1	r	1018.6	0	52	+2	E	3	-	o	*	5	55	48						
	Copenhagen	1019.4	54	E	4	o	1019.7	0	54	0	E	5	-	o	*	-	55	52						
	Bornholm	1018.6	52	ESE	5	f	1018.6	0	52	0	E	5	-	f	0	-	52	48						
	The Helder	1016.4	52	NE	4	bc	1014.3	-1	52	+2	N	2	-	r	1	Trace	54	48						
	C. Gris Nez	1013.3	50	ENE	1	b	1014.4	+1	46	-4	E	1	*	c	*	-	55	45						
	La Hève	1013.6	50	-	0	m	1013.6	+1	46	+3	ENE	3	*	m	1	-	52	45						
	Brest (St. Mathieu)	1012.8	48	NNE	1	b	1015.0	+2	46	0	E	3	*	bc	*	-	55	45						
	Rochefort (Ile d'Aix)	1010.1	50	NW	2	r	1011.9	+3	43	-2	ENE	2	*	m	*	-	61	43						
	Biarritz	1009.2	54	W	4	bc	1010.1	+2	52	+4	SW	4	*	thr	14	55	48							
FRANCE, &c.	Paris	1012.4	45	ENE	1	b	1013.5	+2	39	0	NNE	2	*	f	*	-	54	36						
	Belfort	1011.8	41	-	0	o	1011.9	*	41	+4	E	2	*	o	*	-	48	39						
	Lyons	1010.9	45	-	0	b	1011.0	+1	41	-2	NNW	2	*	o	*	-	52	39						
	Nice	1004.4	57	SE	4	c	1007.1	+4	52	+2	-	0	*	r	*	-	63	50						
	Perpignan	1006.9	54	NW	3	o	1010.1	+2	45	-3	W	1	*	r	*	4	57	45						
	Sanguinaire	1002.1	63	E	3	c	1004.8	*	59	+2	S	3	*	o	-	-	?	?						
	Corunna	1014.3	54	WNW	2	c	1015.5	+2	46	-8	-	4	-	bc	4	9	57	46						
	Madrid	1009.3	54	-	0	bc	1015.1	+4	39	-	0	-	-	b	*	-	59	34						
	Lisbon	1015.4	55	NNW	4	b	1014.1	+1	54	+2	WNW	1	-	o	2	-	61	52						
	Azores (Horta)	1021.3	*	SE	4	m	1018.3	0	64	-2	WSW	1	*	o	2	17	72	64						
IBERIA, &c.	" (P. Delgada)	1023.0	*	S	2	bc	1021.3	0	64	+3	SE	3	*	c	2	-	70	61						
	Madeira	1019.0	66	NE	3	r	1019.4	0	63	-1	N	2	N	bc	3	-	72	61						
	Gibraltar																							
	Palma																							
	Algiers	1008.7	59	WNW	4	c	1012.6	+3	59	+4	WSW	4	-	o	3	16	64	55						
	Malta	*	*	*																				

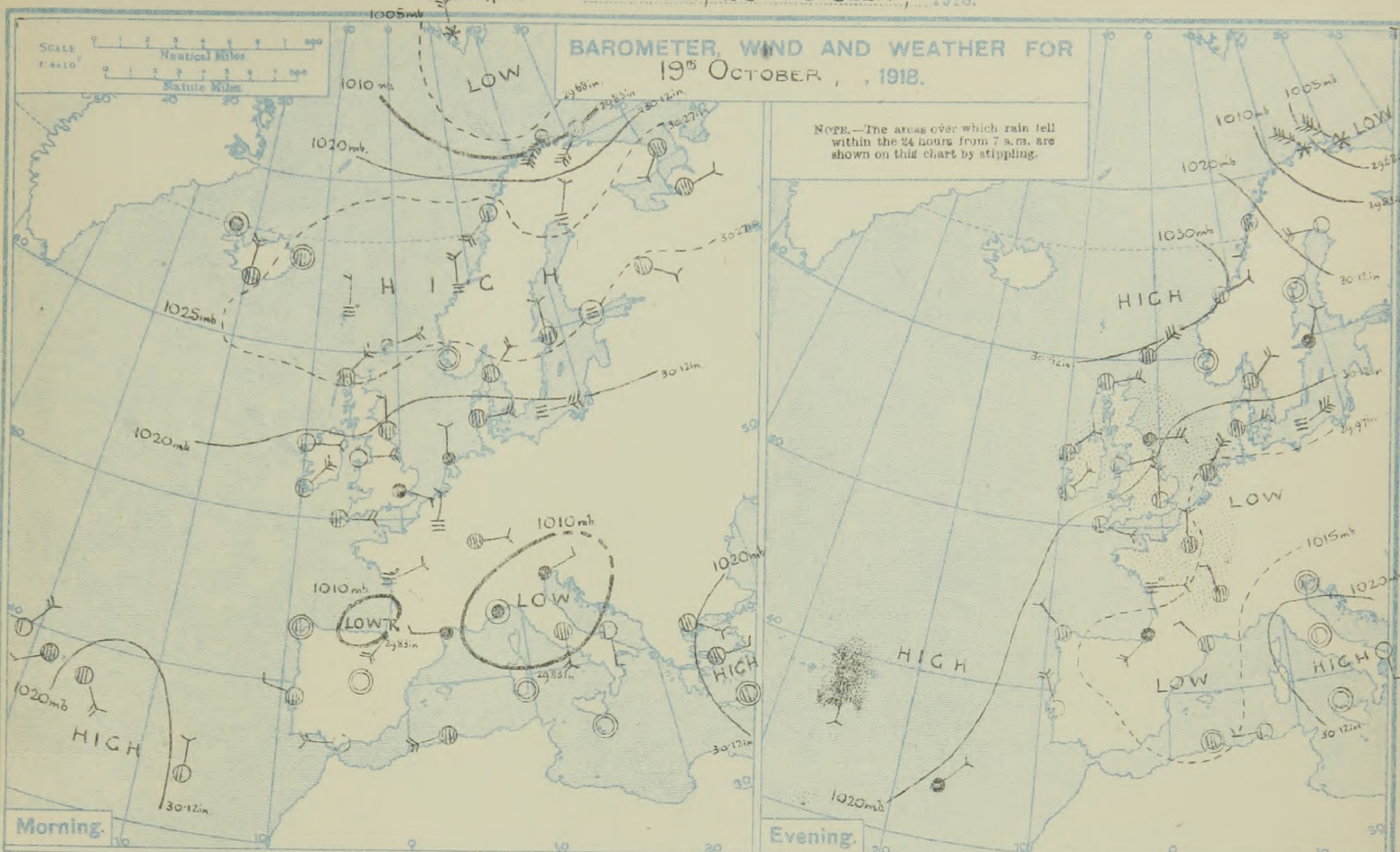
\* Information for these columns not usually received.

+ Received too late for insertion in Charts



# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

20,786. SUNDAY, 20<sup>th</sup> OCTOBER, 1918.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 19<sup>th</sup> OCTOBER, 1918.

STATIONS.		EVENING OF 18 <sup>TH</sup>					MORNING OF 19 <sup>TH</sup>										MORNING OF 19 <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.			
		°F.							°F.	°F.				°F.	°F.			°F.	°F.							
RUSSIA.	Archangel ...						1028.2	+2	46	+1	E	2	0	4	*	*		Isafjord ...	1021.0	46	-2	-	0	T		
	Petrograd ...																	Reykjavik	1024.7	45	0	SE	5	0		
	Moscow ...														*	*			Vestmanna	1022.4	45	0	N	4	0	
SWEDEN.	Hernösand ...	1028.8	48	-	0	0	1028.3	*	41	-4	-	0	f	*	*	*		Seydisfjord	1025.2	43	+13	-	0	C		
	Stockholm ...	1025.3	52	NE	2	0	1025.7	*	48	-4	N	2	0	*	*	*		Thorshavn	1029.7	41	-4	N	1	m		
	Wisby ...	1023.3	54	E	2	0	1023.3	*	50	-2	NNE	2	f	*	*	*		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM								
ITALY.	Venice ...	1008.6	54	ENE	1	0	1007.1	*	54	+2	ENE	1	+	15	55	?	20 <sup>TH</sup> & 21 <sup>ST</sup> Oct 1918.							Sunrise.	Noon.	Sunset.
	Turin ...							*																G.M.T.	G.M.T.	G.M.T.
	Pesaro ...	1008.9	54	S	1	+	1007.9	*	55	+3	-	0	+	3	57	50								6.28	11.38	4.48
	Leghorn ...	1005.9	54	-	0	0	1005.7	*	54	+2	-	0	bc	1	57	52								6.30	11.38	4.46
	Rome ...	1005.3	77	-	0	b	1009.8	*	65	+12	S	3	0	41	63	57								6.33	11.45	4.57
	Viesti ...	?	61	SE	2	0	1011.3	*	63	-1	S	1	b	1	75	55								6.35	11.45	4.58
	Brindisi ...	1009.9	70	S	2	f		*																7.0	11.57	4.54
	Cagliari ...							*																7.3	11.57	4.51
	Palermo ...						1013.2	*	61	?	?	?	b	-	75	?								7.15	12.26	5.36
Tripoli ...							*																7.17	12.26	5.34	

LONDON	Humidity.		Sunshine for 19 <sup>th</sup>	24 HOURS ENDED 9 h., 20 <sup>th</sup> .			WEATHER.		
	15 h.	9 h.		Max.	Min.	Min. or Grass.	Morning.	Afternoon.	Night.
20 <sup>th</sup> October 9h. G.M.T.	19 <sup>th</sup> 74	20 <sup>th</sup> 94	2.5	56	48	40	0	o.c	od
GREENWICH (Royal Observatory)									
CITY (Bunhill Row)			2.1				*	*	*
WESTMINSTER (St. James's Park)	92	91	2.0	56	48	42	2	*	*
“(Roof near Charing X)”	81	93	1.8	56	41	*	1	omd	cbe
CAMDEN SQ. (British Rainfall)	79	86	3.0	58	49	41	2	0	bc
KENSINGTON PALACE	76	91	*	56	47	44	2	+	+

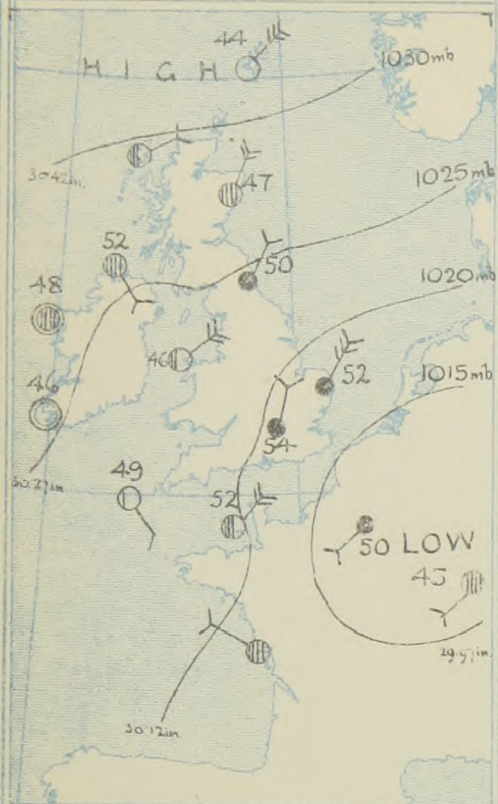
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.



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

THE MORNING OF SUNDAY, 20<sup>th</sup>

OCTOBER 1918, at 7h. G.M.T.



EXPLANATION.

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

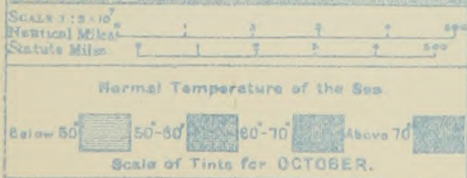
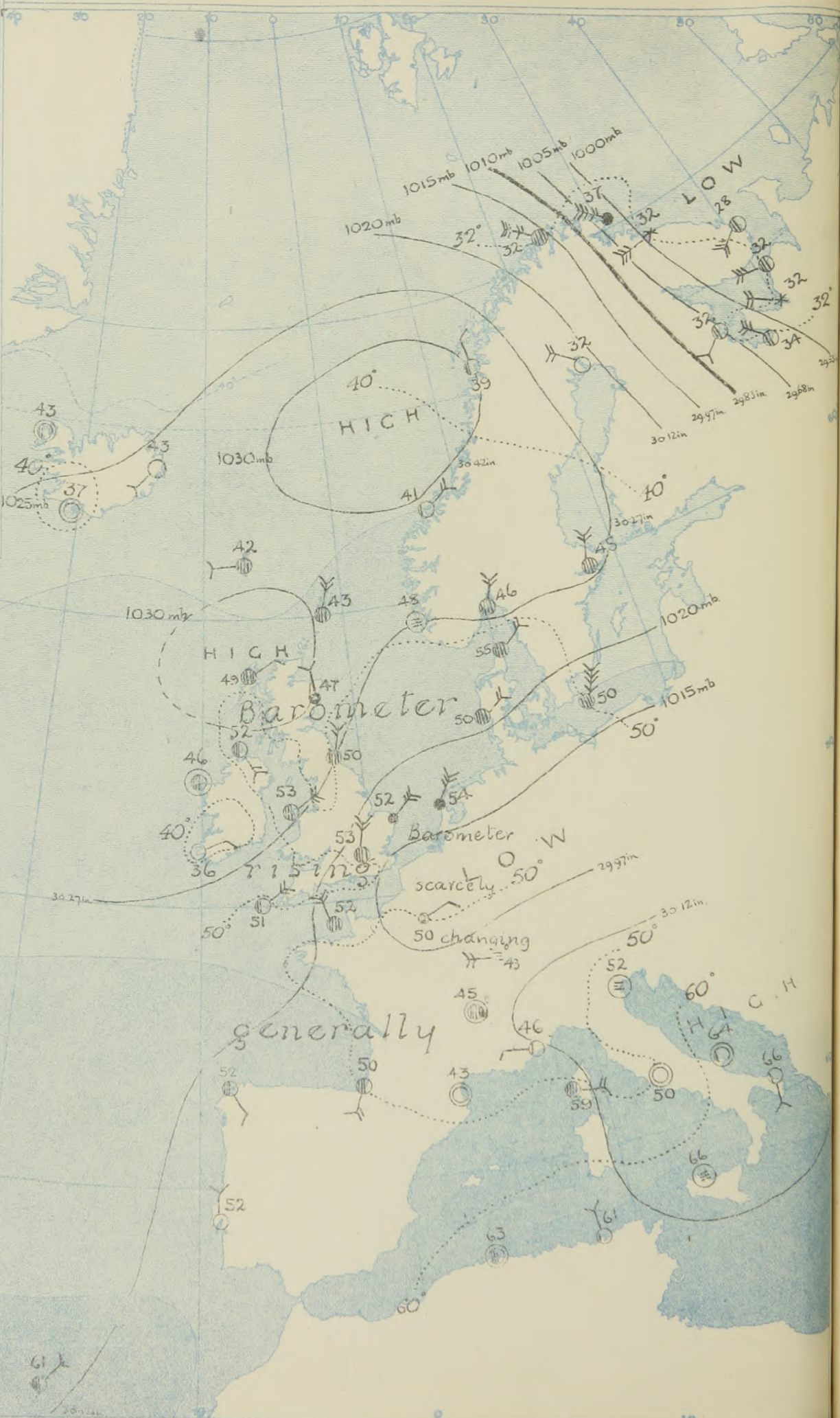
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

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

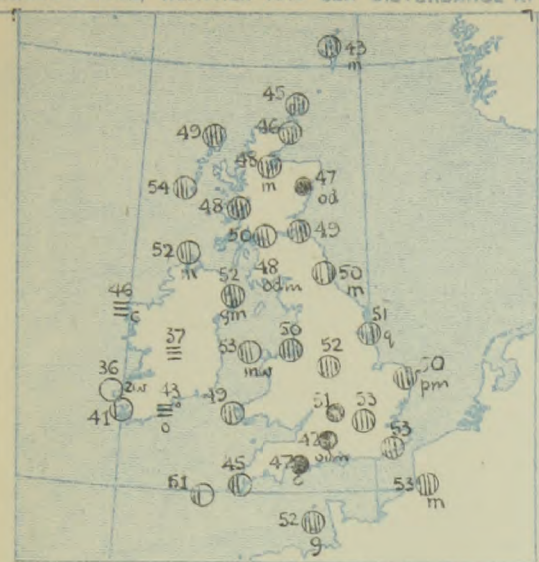
**WEATHER.**—Shown by the following symbols:—

○ clear sky. ○ sky & clouded. ○ sky & clouded. ○ sky & clouded. ○ overcast sky. ○ rain falling. \* snow. ▲ hail. = fog. = mist. T, thunder.

⚡, thunderstorm. SEA DISTURBANCE.—Rough. High.







## GALES.

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

Showery or rainy weather prevailed in most parts, the measurements of precipitation being very variable, up to 12 mm. at Eskdalemuir, and 14 mm. at Tynemouth. 6 to 7 hours of sunshine were measured in England SW., but the day was overcast at several northern stations. Temperature reached 58° at Castlebay and Jersey.

## The Conditions at 7h. Today

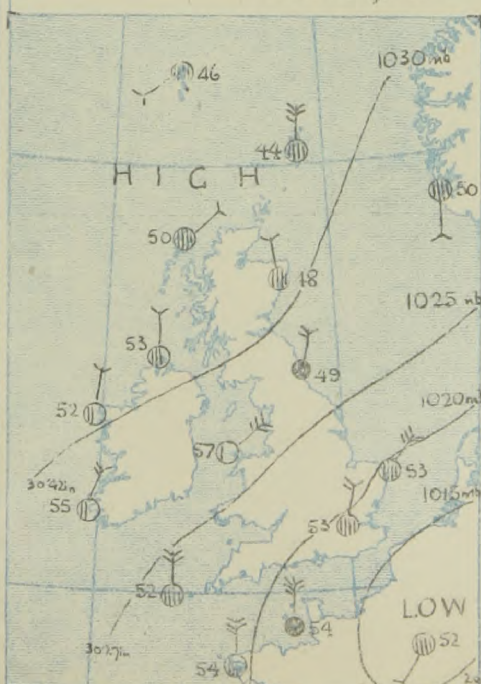
An anticyclone still maintains its position north-west of Scotland, and pressure remains low over NE. France. The North-Easterly winds which cover the British Isles are generally light or moderate in force, but in the south-eastern counties and on the coast of Holland fresh winds are reported. There is much cloud over this country, with local rain or drizzle. More general precipitation is experienced over the Southern North Sea.

The map for 13h. shows no material modification in the pressure, winds and weather.

J.H.

Sunday, 20<sup>th</sup>

OCTOBER, 1918, at 13h. (1 p.m.) G.M.T.



R. G. K. LEMPFRY, O.B.E., Supt. Forecast Divn.

H.G. LYONS, Col., Director.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 293

SUNDAY.  
20th October.

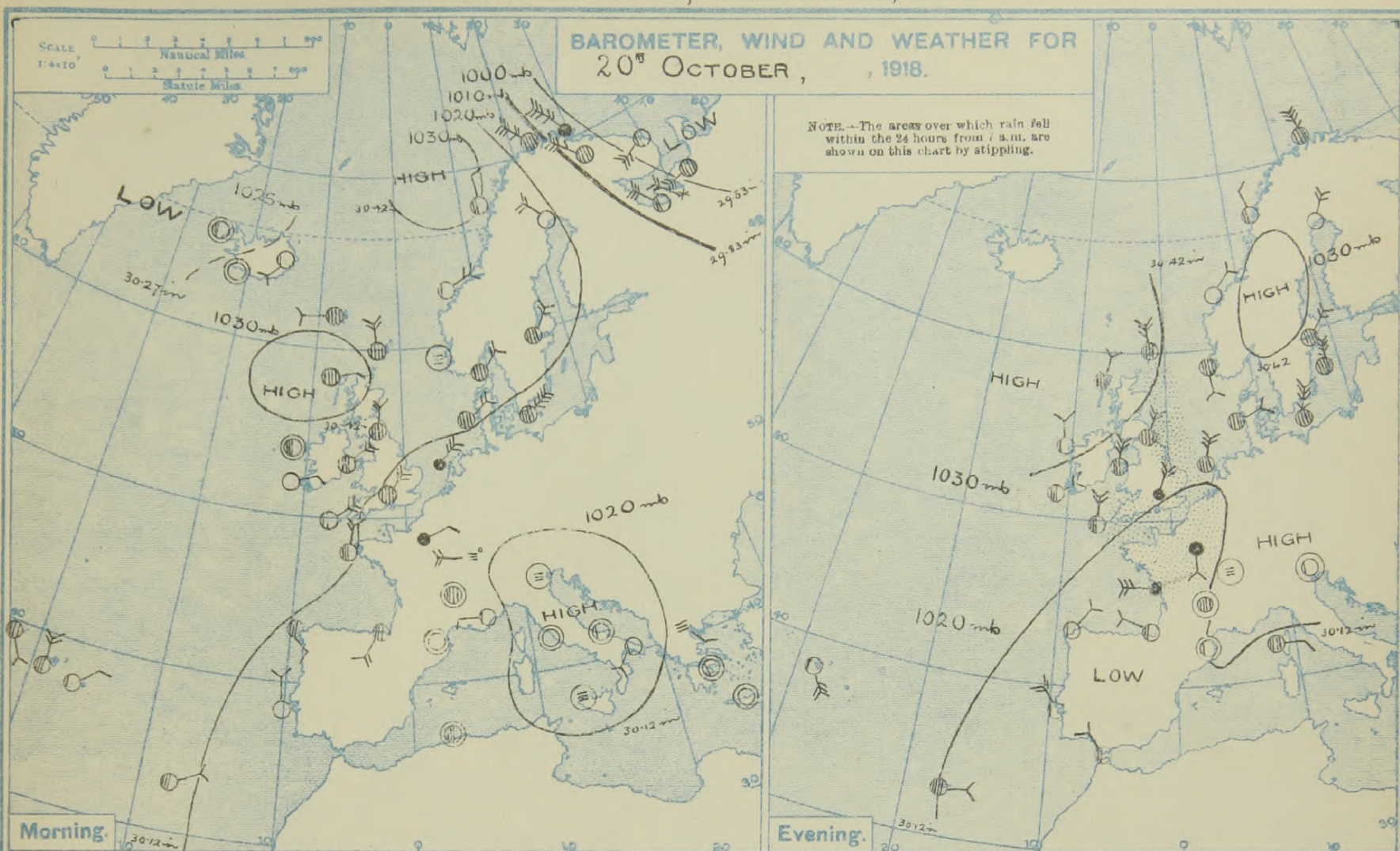
STATIONS.		EVENING OF 19th					MORNING OF 20th										24 HOURS ENDED 7 h. 20th					Sun- shine for 19th
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP. Dry Bulb. °F.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1029.1	45	NE	5	om	1029.6	+	43	-2	NNE	4	-	om	3	-	46	41	md	omd	om	Hours.
	Deerness (Orkney)	1028.8	48	ENE	3	og	1029.5	*	45	-3	NNE	3	-	o	3	-	50	44	og	og	o	0.0
	Stornoway	1027.5	51	ESE	3	c	1031.2	+2	49	-1	ENE	1	-	o	0	-	55	49	oc	c	o	2.7
	Castlebay (Barra Isd.)	1025.3	57	NE	4	cq	1030.2	+2	54	+1	E	2	-	c	2	-	58	53	oc	og	cq, bc	2.6
	Glasgow	1023.7	50	ENE	5	omr	1029.1	+3	50	-3	E	2	NE	c	4	51	45	+	+	+	0.0	
	Eskdalemuir	1022.5	49	NE	4	odm	1028.1	+3	48	+5	NNE	3	-	odm	12	50	41	o, atm	atm	odm	0.0	
	Main Head	1021.9	52	NNE	3	omr	1027.0	+3	52	+4	SE	3	SE	cm	3	52	47	cm	omr	cm	1.0	
	Blacksod Point	1023.4	49	NE	2	omg	1028.6	+3	46	-2	-	0	-	cf	2	53	45	bc	bcm	or, bcm		
	Valencia (Cahirciveen)	1021.8	50	NE	2	bc	1027.9	+3	36	-12	ENE	1	-	bzw	3	-	54	36	bcc, bc	bc, bc	bc, bc	4.8
	Roche's Point	1021.6	47	E	1	o	1025.9	*	43	-6	NW	1	-	om	1	2	54	42	og, b	bo	o, bm	
	Birr Castle	1022.0	50	NE	1	m	1028.5	*	37	-4	NE	1	-	f	0.1	53	36	cf	c	fe	2.8	
	Donaghadee	1020.0	50	NW	1	cgm	1026.8	+3	52	+4	NE	3	-	ogm	2	4	52	47	cgm	ogm	ogpm	
	Liverpool (Bidston)	1021.1	48	N	1	b	1024.4	+2	50	+6	NNE	1	-	o	1	2	51	44	bc, oc	bm	or, o	1.9
	Holyhead	1020.7	51	ENE	2	bm	1025.3	+2	53	+6	NE	4	-	cm	3	0.1	57	46	bcm	bcm	bcw	3.7
	Pembroke (St. Ann's)	1020.5	48	NE	2	bc	1023.7	+1	49	+5	N	3	NE	c	2	trace	52	37	bcc	bc	b, bc	3.8
	Hartland Quay																					
	Scilly (St. Mary's)	1018.7	50	ESE	2	bc	1023.5	+1	51	+1	NE	4	NE	bc	3	-	57	47	c, bc	bc	bm, bc	6.0
	Falmouth	1019.7	50	E	2	bm	1023.4	+1	45	-3	N	4	-	bc	-	-	55	42	bc	bc, bcm	bw	6.4
	Jersey (St. Aubin)	1016.6	53	NE	3	c	1017.8	*	52	+3	NNW	4	-	og	3	trace	58	48	bc, o	om, o, bc	bc, o	7.2
	Portland Bill	1017.7	50	NE	2	b	1018.7	-2	47	+2	N	5	-	ct	3	-	54	45	bc	bc, c	c, o	*
	Dungeness	1016.3	52	NE	3	bc	1014.8	-1	53	+6	NE	4	NE	c	4	5	56	45	c, bc	bc	c, o, c	*
NORTHERN EUROPE.	Wick	1028.2	49	NNE	2	omg	1030.8	+1	46	-4	NE	2	-	ogm	3	-	50	46	omg	omg	ogm	*
	Nairn	1027.4	50	NE	1	om	1030.6	*	48	-3	-	0	-	om	0	1	51	47	dg, om	om	odm	0.0
	Aberdeen	1026.8	51	NE	3	o	1030.0	+2	47	-4	N	2	-	od	3	0.1	52	47	adm, om	omo	od	0.0
	Leith	1024.0	51	NE	3	t	1028.4	+1	49	+2	ENE	2	-	o	3	8	51	47	odm	t	d, og	*
	Tynemouth	1021.2	50	E	3	rm	1025.0	+1	50	+2	NNE	3	-	om	4	14	50	47	omr	omr	adm, om	*
	Spurn Head	1018.8	51	NNW	3	adm	1021.3	+1	51	+1	NNE	4	-	og	5	1	51	47	o	om	od	0.3
	Yarmouth (Gorleston)	1015.9	51	N	4	t	1017.7	+2	52	+3	NE	5	-	opm	4	6	55	49	bcc	c, omr	opm	4.5
	Clacton-on-Sea																					
	Nottingham	1020.3	47	NNE	1	cm	1022.4	*	52	+7	NE	3	NE	o	1	53	45	oc	bc, cm	cm, ad	2.8	
	Benson (Oxen)	1018.9	46	N	1	b	1019.5	+1	51	+6	N	2	-	t	2	53	43	a, bc	bc	oto	*	
FRANCE, &c.	St. Farnborough	1019.1	46	NNE	1	bm	1018.4	0	51	+10	NNE	3	-	om	3	55	41	omr, bcm	bcm, bm	botom	3.0	
	Salisbury Plain	1019.3	43	NNW	1	b	1020.0	0	42	+1	NW	2	NW	adm	1	53	37	co	oc, bc, b	bm, or	*	
	London (Kew Obs.)	1018.7	50	N	2	bc	1018.7	+1	53	+8	NNE	4	-	o	2	54	45	om, om	bc, om	bc, o, r	2.9	
	Spitsbergen																					
	Vardö	1002.7	34	NW	8	s	1001.6	+8	37	+5	NW	9	-	t	6	*	37	28				
	Bodö	1027.4	41	SSW	1	c	1030.0	0	39	-2	N	1	-	bc	1	?	45	37				
	Christiansund	1030.3	43	NE	2	c	1029.5	0	41	-5	NE	3	-	b	2	-	48	39				
	Skudesnaes	1024.4	52	-	0	b	1025.0	+1	48	0	-	0	-	f	1	-	57	43				
	Færder (Xtania Fjord)	1025.7	48	ENE	2	o	1025.9	+1	46	-6	NNE	4	-	o	1	-	52	36				
	The Scaw (Skagen)	1022.6	52	NE	3	o	1023.5	+1	55	+1	NE	3	-	o	3	-	55	46				
IBERIA, &c.	Blaavands Huk	1019.3	54	ENE	3	o	1021.0	+2	50	-2	NE	3	-	o	*	-	54	48				
	Copenhagen	1018.9	54	NE	3	o	1019.4	+2	52	-2	NE	4	-	o	2	-	55	52				
	Bornholm	1014.3	50	ENE	6	f	1016.6	+2	50	-2	NE	8	-	o	2	-	52	48				
	The Helder	1014.7	54	NE	4	o	1017.0	+3	54	+2	NE	5	-	t	4	1	54	52				
	C. Gris Nez	1015.9	54	N	4	o	1013.9	0	54	+8	NE	6	*	t	-	7	55	45				
	La Hève	1019.8	48	NE	1	c	1015.9	-1	50	+4	NNE	5	*	t	4	10	57	46				
	Brest (St. Mathieu)	1018.1	52	NE	2	c	1021.9	+1	48	+2	NNE	3	*	c	-	-	59	45				
	Rochefort (Ile d'Als)	1017.0	46	E	2	m							*	*	*							
	Biarritz	1013.7	52	WSW	3	t	1017.5	+1	50	-2	SSW	3	*	c	-	24	54	48				
	Paris	1015.0	48	N	2	o	1012.8	-1	50	+11	S	1	-	t	9	50	39					
MEDITERRANEAN.	Belfort						1017.2	*	43	+2	W	4	*	m	*	-	54	41				
	Lyons	1014.1	43	NNW	1	o	1018.3	+3	45	+4	SSW	1	*	o	2	50	41					
	Nice						1019.5	+4	46	-6	W	1	*	b	-	55	39					
	Perpignan	1014.1	50	NW	1	c	1018.7	+2	43	-2	-	0	-	b	-	57	41					
	Sanguinaire						1018.4	+2	59	0	E	3	*	o	-	68	54					
	Corunna	1016.2	55	NW	2	c	1019.5	+3	52	+6	SSE	1	-	c	3	trace	59	46				
	Madrid																					
	Lisbon	1016.3	57	NNW	4	b	1018.1	0	62	-2	N	2	-	b	2	-	61	50				
	Azores (Horta)	1019.3	*	S	3	o	1023.0	0	64	0	NNW	4	*	c	2	3	70	64				
	„ (P. Delgada)	1022.3	*	SSE	2	o	1023.8	0	61	-3	NE	1	*	b	2	-	68	61				
MEDITERRANEAN.	Madeira	1019.8	66	NE	2	t	1021.5	+1	61	-2	NE	2	N	c	2	-	70	61				
	Gibraltar																					
	Palma																					
	Algiers	1014.0	61	-	0	c	1016.4	+1	63	+4	-	0	-	c	2	-	70	59				
	Malta																					
	Salonica	1019.5	69	NW	2	b	1019.8	+1	63	-1	SE	1	-	f	4	trace	81	61				
	Athens	1021.2	72	-	0	bc	1019.0	0	70	-	0	-	-	b	0	-	82	70				
	Candia	1016.7	72	-	0	b	1017.1	+1	70	-	0	-	-	b	0	-	84	66				

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 20,787. MONDAY, 21<sup>st</sup> OCTOBER, 1918.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 20<sup>th</sup> October

STATIONS.		EVENING OF 19 <sup>th</sup>					MORNING OF 20 <sup>th</sup>										MORNING 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.					1001.1	-5	° F.	° F.		NW	4	S	4	° F.	° F.						
RUSSIA.	Archangel ...																						
	Petrograd ...																						
	Moscow ...																						
SWEDEN.	Hernösand ...	1023.9	43	-	0	b		*								*	*	*					
	Stockholm ...	1024.4	46	NNE	2	T		*								*	*	*					
	Wisby ...	1021.9	52	NNE	2	f		*								*	*	*					
ITALY.	Venice ...	1019.9	55	-	0	c	1023.1	*	52	-2	-	0	f	11	54	52	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM						
	Turin ...	1019.9	56	-	0	T	1022.6	*	48		N	3	T	13	?	?							
	Pesaro ...	1020.6	59	-	0	c	1023.6	*	55	0	-	0	bc	6	66	50	21 <sup>st</sup> and 22 <sup>nd</sup> Oct. 1918.						
	Leghorn ...	1020.3	61	W	2	c	1023.2	*	61	+7	-	0	bc	-	64	59	Sunrise. Noon. Sunset.						
	Rome ...	1021.7	61	-	0	b	1024.3	*	60	-15	-	0	b	2	68	50	G.M.T. G.M.T. G.M.T.						
	Viesti ...	?	68	SW	2	b	1023.9	*	64	+1	-	0	b	-	73	63	Yarmouth ... { 6.30 11.38 4.46						
	Brindisi ...	1021.9	68	S	1	b	1023.7	*	66	?	SSW	2	b	-	75	63	Greenwich ... { 6.32 11.38 4.43						
	Cagliari ...							*									{ 6.35 11.45 4.55						
	Palermo ...	1022.2	66	-	0	b	?	*									{ 6.38 11.45 4.52						
	Tripoli ...							*									{ 7.3 11.57 4.51						
							*									{ 7.6 11.57 4.48							
							*									{ 7.17 12.26 5.24							
							*									{ 7.19 12.26 5.34							

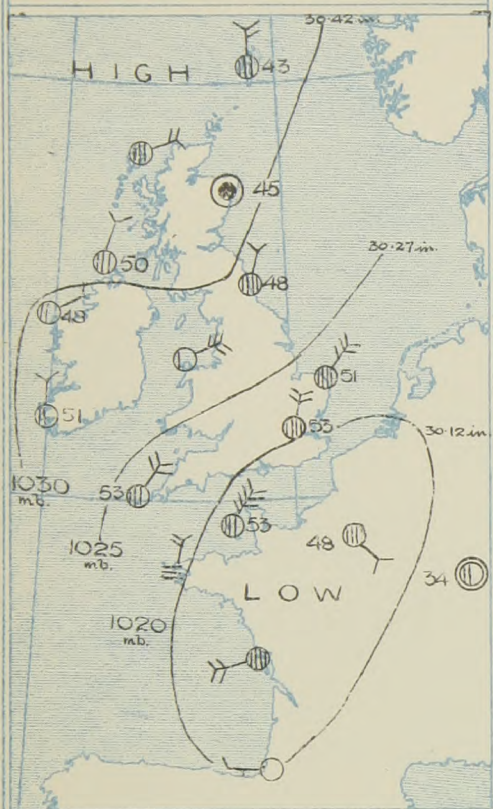
LONDON				SOUTH KENSINGTON (M.O.)															
21 <sup>st</sup> October... 9h. G.M.T.				Vertical Component of Solar Radiation per square Centimetre during 20 <sup>th</sup> ....															
HUMIDITY.		Sun- shine for		TEMPERATURE.				WEATHER.			Total.			Average Rate.			Max. Rate.		
15 h.	9 h.	20 <sup>th</sup>	21 <sup>st</sup>	20 <sup>th</sup>	Max.	Min.	Min. on Grass.	Rain- fall.	Morning.	Afternoon.	Night.	Joules.	Milliwatts.	Joules.	Milliwatts.	Joules.	Milliwatts.	Joules.	Milliwatts.
	%	%	Hours.	° F.	° F.	° F.	mm.												
GREENWICH (Royal Observatory) .. ..	93	88	0.0	54	51	49	4	0	OT	OT									
CITY (Bunhill Row) .. .. .	*	*	0.0	*	*	*	*	*	*	*	*								
WESTMINSTER (St. James's Park) .. ..	88	94	0.0	57	52	47	3	*	*	*	*								
"    (Roof near Charing X) .. ..	86	90	0.0	55	52	-	2	OT	OT	OT	OT								
CAMDEN SQ. (British Rainfall) .. .. .	-	89	0.0	55	50	44	3	-	-	*	*								
KENSINGTON PALACE .. .. .	100	87	*	55	51	48	5	0	0	*	*								
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.																			

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



21<sup>st</sup>, OCT, at 1h. G.M.T.

THE MORNING OF MONDAY, 21<sup>st</sup> OCTOBER 1918, at 7h. G.M.T.



# EXPLANATION.

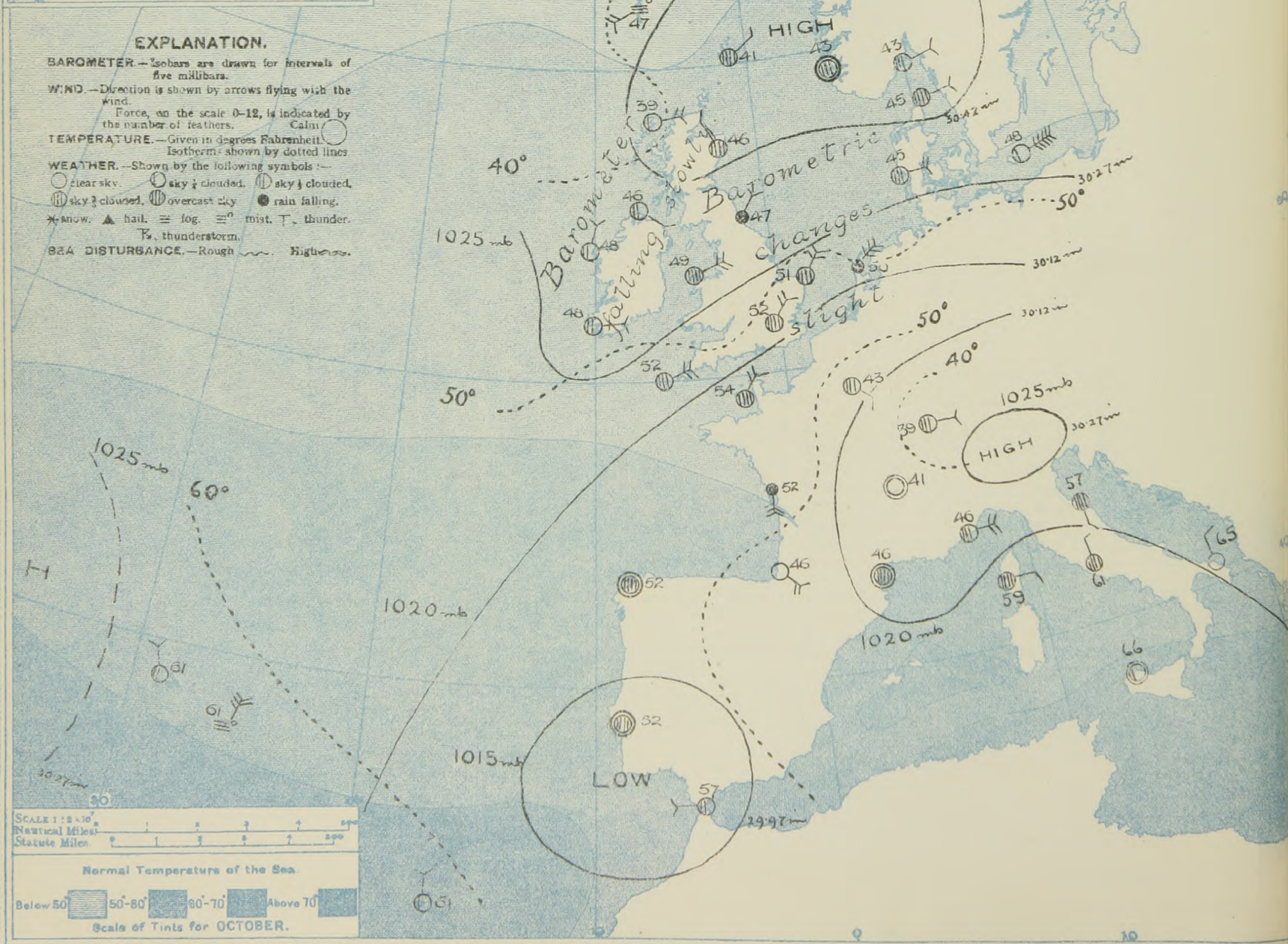
**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**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. Higher.



SCALE 1:250,000  
 Nautical Miles  
 Statute Miles

Normal Temperature of the Sea.

Below 50° 50°-60° 60°-70° Above 70°  
 Scale of Tints for OCTOBER.



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

The range of temperature was small. At Valencia and Birr Castle the minimum was down to  $36^{\circ}$ , but did not fall below  $50^{\circ}$  at several English stations. The total rainfall amounted to 14 mm. at Jersey, 8 mm. at Dungeness, and 7 mm. at Benson; in the west of England and in Ireland there was little or none. Nine hours of bright sunshine were recorded at Valencia and five at Pembroke.

## The Conditions at 7h. Today

An anticyclone covers Scotland, Southern Scandinavia, and the Northern part of the North Sea. There is a shallow depression over Western France. Over the British Isles the wind is from NE. or E, light in force over Scotland and Ireland, moderate generally over England, but fresh or strong at Spurn Head and Portland Bill.

The weather is fair in the west of Ireland and the Hebrides, but dull over England and Scotland, with rain at many stations. The temperature varies between  $40^{\circ}$  and  $50^{\circ}$ .

## The Conditions

Moderate NE. winds may be expected over the country generally. Over the Eastern and Southern part of Great Britain dull weather will continue with some showers of rain; further west the weather will be cloudy. Temperature will be rather low.

H.H.

MONDAY, 21<sup>ST</sup>

OCTOBER, 1918, at 13h. (1p.m.) G.M.T.

1015 mb

LOW

29.97 in

HIGH

LOW

The barometer is now falling generally over the United Kingdom except near the Straits of Dover. The wind will decrease decidedly as a result of this, but there are no indications of any great change in the weather.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No 294

MONDAY,  
21st October.

STATIONS.	EVENING OF 20th					MORNING OF 21st										24 HOURS ENDED 7 h. 21st					Sun- shine for 20th Hours.	
	Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.	Dir. 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 ...	1030.8	44	N	5	omp	1031.1	0	41	-2	NE	1	-	om	2	2	44	39	om	om	m	
	Deerness (Orkney) ...	1031.5	46	NNE	4	o	1030.5	*	45	0	NE	3	-	opd	2	1	47	41	o	g.	opd	0.0
	Stornoway ...	1033.0	46	NE	2	o	1030.5	-2	39	-10	E	3	-	b	2	-	50	37	o	g.	cb	0.0
	Castlebay (Barraisd.) ...	1031.3	50	N	3	c	1029.7	0	37	-17	ENE	2	-	bc	2	-	57	43	cb	bc	c.bc	3.0
	Glasgow ...	1031.0	46	E	1	omg	1029.8	-2	43	-7	NE	2	-	og	*	-	50	42	o	omg	om.cog	0.0
	Eskaudemuir ...	1030.4	44	N	3	o	1029.1	-1	42	-6	NNE	3	E	bc	*	0.2	49	38	adm	omb	oc.bc	0.0
	Malin Head ...	1030.3	51	N	2	bcm	1028.2	-2	46	-6	SE	2	E	bcm	2	-	53	45	cm	bcm	bcm	2.2
	Blackod Point ...	1030.7	44	N	2	bcm	1025.9	-3	48	+2	NNE	2	-	bcm	2	-	53	44	bcm	bcm	bcm.bc	
	Valencia (Cahirciveen) ...	1029.3	52	NE	3	c	1027.1	-1	48	+12	E	2	NE	bcw	2	-	56	56	b3	bbccg.	ccbc	8.6
	Roche's Point ...	1027.1	51	N	2	om	1026.7	*	48	+5	N	2	-	o	2	-	53	42	bmo	om	o	
NORTHERN EUROPE.	Birr Castle ...	1028.4	49	NE	1	m	1027.9	*	45	+8	NNE	1	-	o	*	0.2	49	36	fe	f	f.co	0.0
	Donaghadee ...	1028.7	52	NE	3	ogm	1028.2	0	46	-6	ENE	3	-	om	2	-	53	46	ogm	ogm	ogm	
	Liverpool (Bidston) ...	1027.2	50	NE	3	o	1026.4	-1	46	-4	NNE	2	-	o	1	-	55	46	com	o	o	0.7
	Holyhead ...	1027.4	53	NE	5	cm	1026.5	-3	49	-4	ENE	4	-	ag	3	-	58	48	bc	cm	bc.og	5.0
	Pembroke (St. Ann's) ...	1025.3	53	NNE	2	o	1024.6	0	47	-2	NE	3	NE	c	2	0.3	56	46	opc	co	c.bcc	0.3
	Hartland Quay ...																					
	Scilly (St. Mary's) ...	1023.5	54	NNE	4	cm	1021.9	-1	52	+1	ENE	4	E	c	5	1	54	51	bc.om	o.cm	cpc	2.9
	Falmouth ...	1022.3	54	N	4	ogm	1021.6	-1	50	+5	NNE	4	N	c	*	Trace	56	44	bc.ogm	og.ogm	ogc	1.3
	Jersey (St. Aubin) ...	1017.3	55	NNE	5	ogu	1016.4	*	54	+2	NE	3	-	o	3	14	56	51	gpt.dm	om.og	ogro	0.0
	Portland Bill ...	1019.5	52	NE	5	cp	1019.1	0	51	+4	NE	6	-	op	3	1	56	46	cp	cp	co	*
FRANCE, &c.	Dungeness ...	1016.7	55	NE	4	t	1018.2	0	53	0	NE	4	-	t	4	8	55	53	ot.od	od.	ot.ot	*
	Wick ...	1031.8	46	NE	2	omg	1030.5	0	44	-2	N	2	-	t	2	Trace	47	43	omg	omg	ompd	*
	Nairn ...	1031.8	46	ENE	1	o	1030.3	*	42	-5	-	0	-	dg.om	1	2	48	41	odg	g.ou	oed	0.0
	Aberdeen ...	1031.2	46	NW	2	o	1030.2	0	46	-1	NW	1	-	om	2	0.4	48	44	od	o	ordm	0.0
	Leith ...	1030.7	48	E	2	o	1028.8	0	46	-3	NE	2	-	o	2	-	50	46	ago	o	ago	*
	Tynemouth ...	1028.2	48	NNE	4	om	1027.8	-1	47	-3	NE	2	-	omd	4	1	50	46	omd	omd	omp	*
	Spuin Head ...	1025.2	51	ENE	5	og	1024.4	-1	49	-3	ENE	5	-	og	5	0.3	52	48	og	og	og	0.0
	Yarmouth (Gorleston) ...	1020.3	52	NE	5	omp	1021.3	-1	51	-1	NE	4	-	omp	4	5	53	50	omp	omp	omp	0.0
	Clacton-on-Sea ...																					
	Nottingham ...	1025.3	50	NE	3	o	1024.6	*	47	-5	NNE	3	NE	o	*	-	52	47	om	oe	o	0.0
IBERIA, &c.	Benson (Oxon.) ...	1021.3	50	NNE	3	o	1021.5	0	48	-3	NE	3	-	t	*	7	53	48	o	to	ot	*
	Sth Farnborough ...	1020.3	51	N	4	otm	1020.8	0	50	-1	NE	4	-	otm	*	2	53	50	ot.otm	otm	otm	0.0
	Salisbury Plain ...	1021.4	50	NNE	4	ot	1021.4	0	54	+2	NNE	3	NE	odg	*	0.2	54	47	oda	o	odg	*
	London (Kew Obs.) ...	1020.3	52	NNE	4	otm	1021.2	+1	52	-1	NE	3	-	om	*	4	54	50	o.oto	o.otm	otm.oto	0.0
	Spitsbergen ...																					
	Vardö ...	1023.0	34	N	8	bc	1015.9	-5	30	-7	S	8	-	o	4	*	37	30				
	Bodö ...	1029.9	37	N	1	bc	1023.8	-2	41	+2	SSW	6	-	t	4	*	41	36				
	Christiansund ...	1028.7	39	NE	2	b	1031.0	+2	45	+4	WNW	3	-	c	2	Trace	46	37				
	Skudesnaes ...	1028.6	50	S	2	o	1031.3	+8	43	-5	-	0	-	c	1	-	52	43				
	Færder (Xania Fjord) ...	1030.0	48	NE	2	b	1034.0	+2	43	-3	E	2	N	c	1	-	52	43				
MEDITERRANEAN.	The Scaw (Skag) ...	1026.6	46	NE	3	c	1030.4	+1	45	-10	E	2	-	o	2	-	48	45				
	Blaavands Huk ...	1024.8	46	ENE	2	o	1027.4	0	45	-5	E	3	-	c	*	Trace	52	43				
	Copenhagen ...	1024.7	52	NE	5	o	1028.3	+1	49	-4	ESE	6	-	c	*	-	54	46				
	Bornholm ...	1022.3	48	ENE	8	o	1026.4	+1	48	-2	E	10	NE	b	3	-	50	46				
	The Heider ...	1020.4	54	NE	5	o	1021.0	0	50	-4	NE	6	-	t	3	2	54	50				
	C. Gris Nez ...	1016.6	54	ENE	5	t	1018.1	0	50	0	ENE	3	*	o	2	27	57	46				
	La Hève ...	1016.8	54	NNE	1	o	1018.3	*	48	-2	E	3	*	m	4	55	45					
	Brest (St. Mathieu) ...	1020.2	54	NNE	3	f	1017.7	-2	54	+6	NE	4	*	t	2	2	55	48				
	Rochefort (Ile d'Aix) ...	1016.6	52	W	5	t	1017.3	0	52	?	S	5	*	t	*	4	?	?				
	Biarritz ...	1018.6	55	WNW	2	bc	1017.2	-1	46	-4	ESE	3	*	b	1	Trace	59	46				
MEDITERRANEAN.	Paris ...	1015.8	48	SSE	2	t	1019.7	+1	43	-7	ESE	1	-	c	*	6	52	41				
	Belfort ...	1021.1	39	-	0	f	1023.9	*	39	-4	E	2	*	c	*	2	48	34				
	Lyons ...	1019.4	48	-	0	o	1022.4	*	41	-4	-	0	*	b	*	Trace	54	39				
	Nice ...	1020.8	50	NE	1	b	1022.4	+1	46	0	E	4	*	c	3	-	59	43				
	Perpignan ...	1020.0	48	-	0	b	1021.1	+1	46	+3	-	0	-	o	*	-	59	43				
	Sanguinaire ...	1018.7	59	E	1	o	1018.4	59	9	E	1	*	o	*	2	63	55					
	Corunna ...	1019.4	61	NE	2	b	1017.7	-1	52	0	-	0	-	o	2	-	61	50				
	Madrid ...																					
	Lisbon ...	1015.8	59	NW	4	b	1014.1	0	52	0	-	0	-	o	2	-	61	50				
	Azores (Horta) ...	1023.3	*	SE	5	b	1024.6	0	61	-3	NNW	2	*	bc	2	-	72	63				
MEDITERRANEAN.	" (P. Delgada) ...	1025.0	*	NE	1	b	1024.2	0	61	0	NNE	5	*	m	2	-	70	59				
	Madeira ...	1020.0	66	NE	2	o	1017.6	-2	61	0	N	2	N	b	2	-	70	59				
	Gibraltar ...	1015.2	60	NW	2	bc	1013.9	*	57	?	W	2	*	bc	0	-	66	52				
	Palma ...																					
	Algiers ...		*	*	*	*																
	Malta ...		*	*	*	*																
	Salonica ...	1018.0	68	-	0	b	1020.2	+1	61	-2												

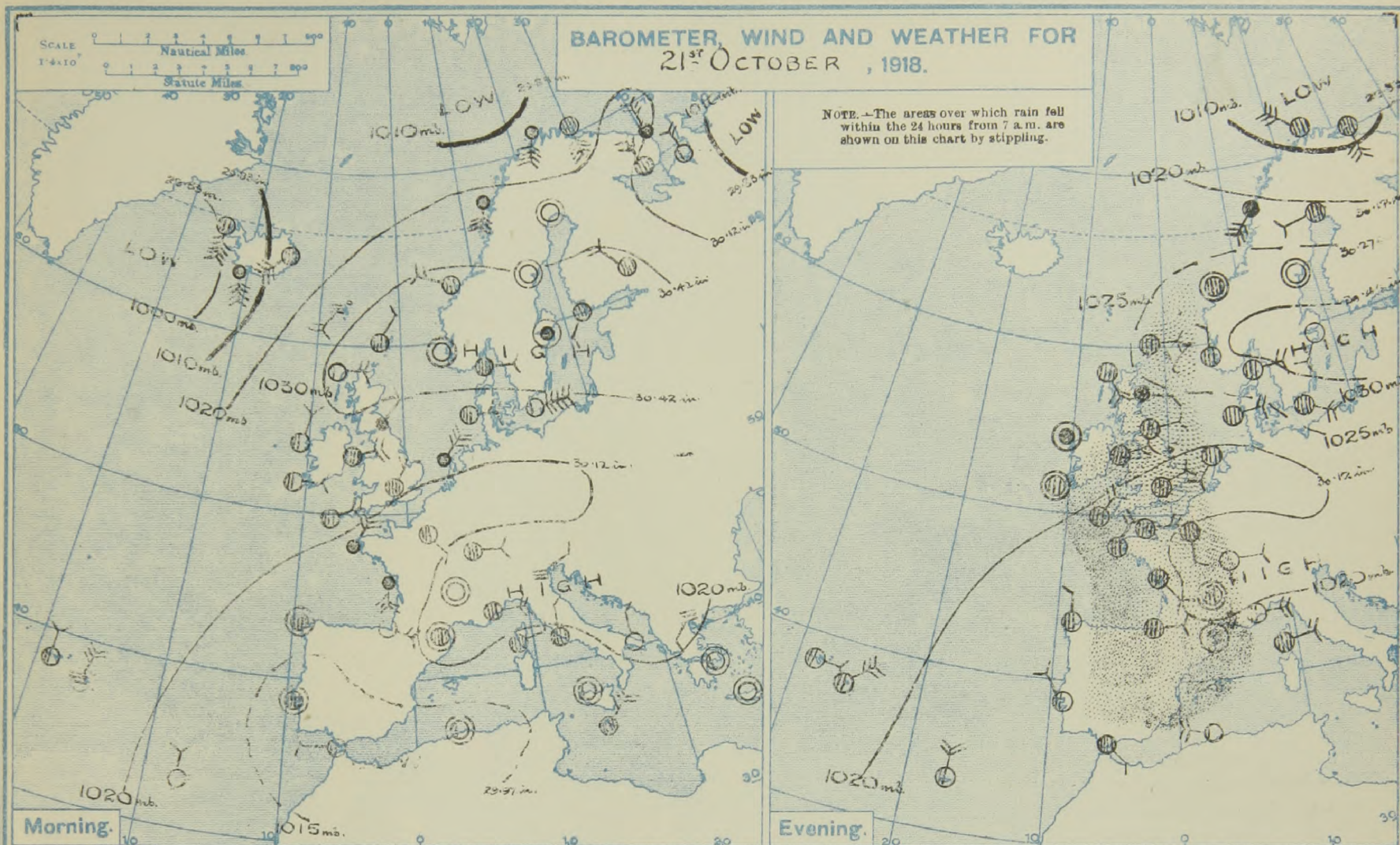
## THE BEAUFORT SCALE OF WIND FORCE.

Limits of Velocity.
---------------------



# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,788. TUESDAY, 22<sup>ND</sup> OCTOBER, 1918.



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

STATIONS.		EVENING OF 20 <sup>th</sup>					MORNING OF 21 <sup>st</sup>										MORNING OF 21 <sup>st</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.	Archangel ...					1013.1	+7	30	-2	NNE	3	0		*	*		Isafjord ...	1002.6	52	+9	S	9	C		
	Petrograd ...																Reykjavik	998.0	48	+9	WSW	8	T		
	Moscow ...																Vestmanna	1004.8	46	+9	SSE	8	T		
SWEDEN.	Hernösand ...	1031.0	34	-	0	b		1030.0	*	34	-3	-	0	b	*	*	*	Seydisfjord	1011.9	48	+5	SW	6	0	
	Stockholm ...	1028.3	43	ENE	4	0		1034.3	*	36	-9	-	0	T	*	*	*	Thorshavn	1027.7	47	+5	SW	3	m	
	Wisby ...	1025.9	46	NNE	6	0		1033.7	*	39	-7	-	0	b	*	*	*	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM							
ITALY.	Venice ...	1021.1	47	-	0	b		1025.0	*	52	0	ENE	1	f	trace	59	50	22 <sup>nd</sup> and 23 <sup>rd</sup> Oct 1918.					Sunrise.	Noon.	Sunset.
	Turin ...	1022.5	50	-	0	C		1026.6	*	50	+2	-	0	C	1	54	46						G.M.T.	G.M.T.	G.M.T.
	Pesaro ...	1021.5	57	-	0	0		1024.7	*	57	+2	-	0	0	-	64	52						6.32	11.38	4.43
	Leghorn ...								*														6.34	11.37	4.40
	Rome ...	1019.7	61	-	0	0		?	*	61	+11	-	0	0	?	?	?						6.38	11.45	4.52
	Viesti ...	1020.3	60	SW	4	b		1023.3	*	64	0	WNW	1	b	-	73	56						6.39	11.44	4.49
	Brindisi ...	1020.9	66	?	?	b		1020.9	*	65	-1	N	1	b	-	68	54						7.6	11.57	4.48
	Cagliari ...								*														7.8	11.56	4.45
	Palermo ...	1015.0	66	-	0	C		1016.3	*	66	0	-	0	b	-	77	57						7.19	12.26	5.32
Tripoli ...								*														7.21	12.25	5.20	

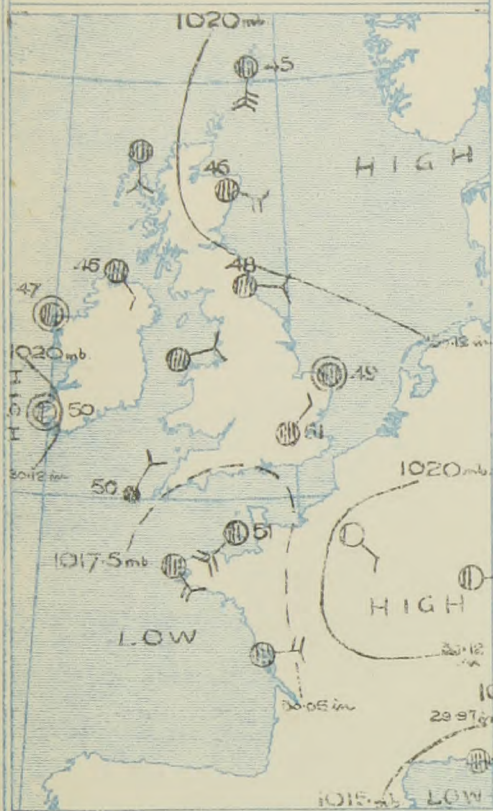
LONDON				24 HOURS ENDED 9 h. 22 <sup>ND</sup>										SOUTH KENSINGTON (M.O.)		
22 <sup>ND</sup> October 9h. G.M.T.				HUMIDITY.			TEMPERATURE.			Rain-fall. mm.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during 21 <sup>ST</sup> ...		
				15 h.	9 h.	Sun-shine for 21 <sup>ST</sup> Hours.	Max. °F.	Min. °F.	Min. on Grass. °F.		Morning.	Afternoon.	Night.	Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
GREENWICH (Royal Observatory) ..				86	91	0.0	56	47	38	2	OT	0	0			
CITY (Bunhill Row) ..				*	*	0.2	*	*	*	*	*	*	*			
WESTMINSTER (St. James's Park) ..				85	90	0.0	55	49	42	1.8	*	*	*			
" (Roof near Charing X.) ..				90	93	0.0	55	50	-	1.4	om	op. b	o. od. om			
CAMDEN SQ. (British Rainfall) ..				88	92	0.0	56	48	42	1	0	b	*			
KENSINGTON PALACE ..				84	94	*	54	45	39	2	0	o. dp	*			

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






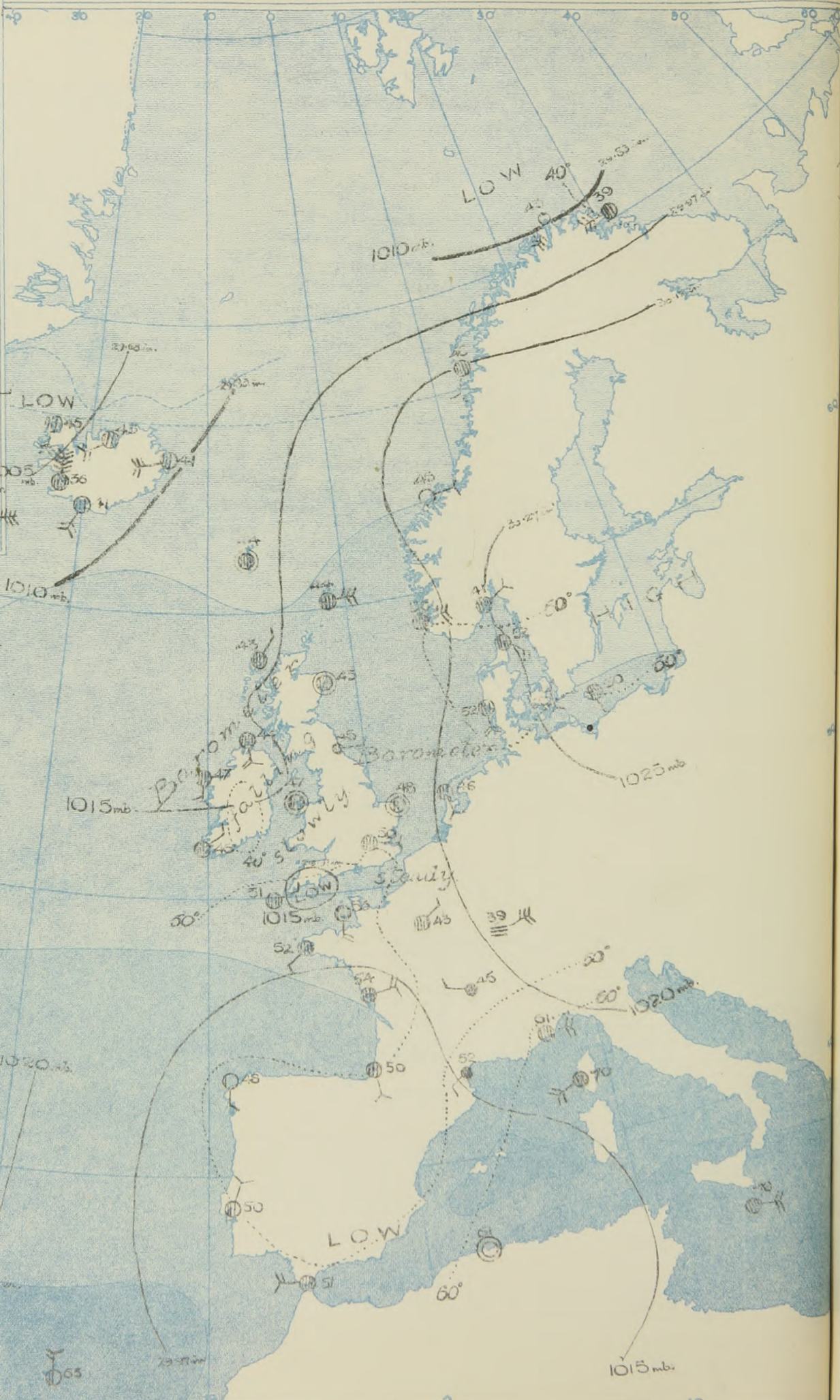
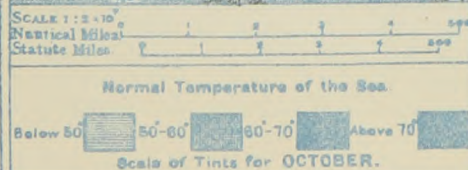
22<sup>nd</sup>, OCT, at 1h. G.M.T.

THE MORNING OF TUESDAY, 22<sup>nd</sup> OCTOBER 1918, at 7h. G.M.T.

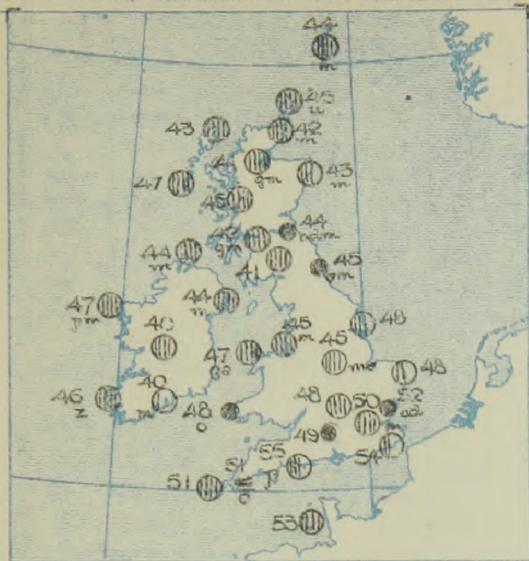


# EXPLANATION.

**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.  
 T, thunderstorm.  
**SEA-DISTURBANCE.**—Rough  High 







## GALES.

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

The range of temperature was for the most part small. Rain fell at many stations, but except for 14 mm. at Scilly, and 8 mm. at Yarmouth and Falmouth, the total amounts were not large. Sunshine was confined to our western coasts, 5½ hours at Valencia, 5 hours at Stornoway, and 3 hours at Pembroke. There was fog at night at Donaghadee and Falmouth.

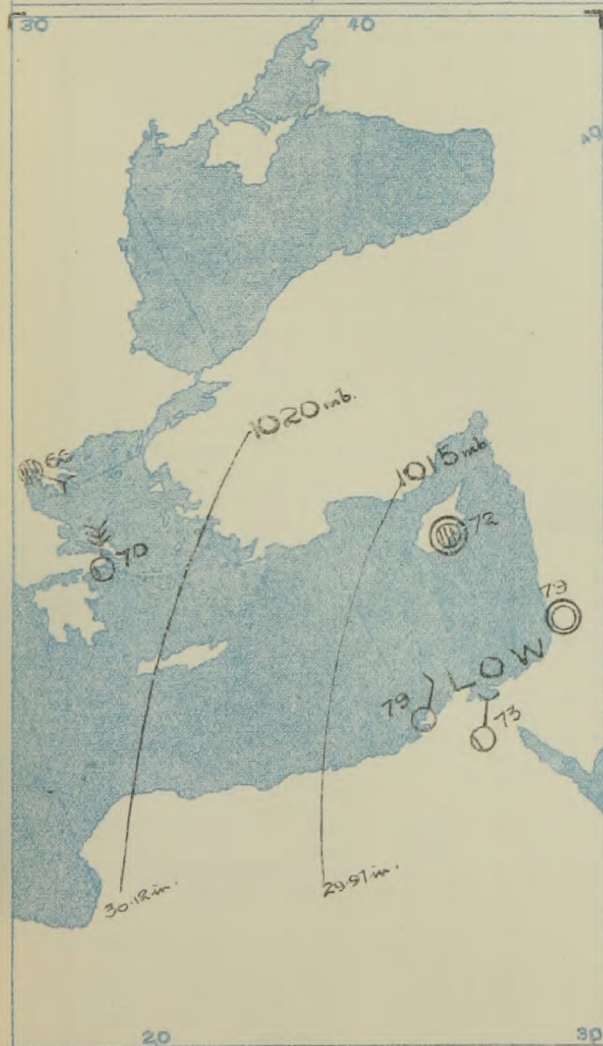
## The Conditions at 7h. Today

There is a large depression beyond Iceland, and a very small and shallow secondary over Devonshire and Cornwall. The barometer is falling over the British Isles, except near the Straits of Dover. The wind is from between S. and E. except in the Hebrides, where it is from NE., and at Portland Bill, where it is from SSW. In force it is light or moderate.

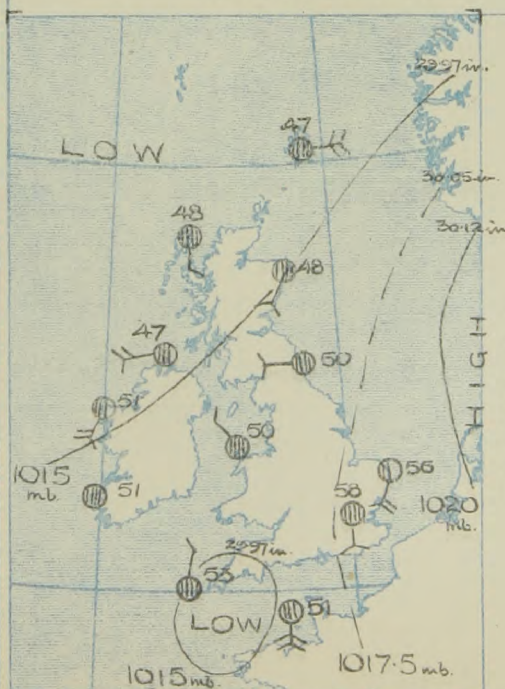
The weather is nearly everywhere dull, with mist and rain locally. The temperature is nowhere below 40°, and is 55° at Portland Bill.

## The Outlook

The wind will become SW. over the country generally, moderate to fresh in force. The weather will be dull and damp, with rain at times and a higher temperature than of late.

TUESDAY, 22<sup>ND</sup>

OCTOBER, 1918, at 12h. (1p.m.) G.M.T.



The barometer is now practically steady over the United Kingdom, and the changes since this morning are very slight. The wind will probably be lighter and more indefinite than appeared likely from the morning observations, the weather continuing dull.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 295.

TUESDAY  
22nd October

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. °F.	WIND.		Weather.	Barom. 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.					
			Direc.	Force 0-12				Dry Bulb. °F.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick	1026.3	45	E	2	om	1018.3	-4	44	+3	E	5	-	om	3	0.4	46	39	om	om	om	*	
	Deerness (Orkney)	1025.0	48	SE	3	o	1015.2	*	46	+1	SE	3	-	ou	3	-	48	44	o	o	ou	0.0	
	Stornoway	1023.9	47	SE	3	o	1014.7	-4	43	+4	NE	1	-	o	0	-	51	38	b	b.o	o3	5.2	
	Castlebay (Barra Isd.)	1023.5	48	SSE	3	o	1015.0	-2	47	+10	NE	2	-	o	2	-	51	37	bc	bc.o	o	3.4	
	Glasgow	1023.8	45	NE	2	og	1015.9	-4	42	-1	ESE	1	-	omg	*	0.3	47	42	omg	o	a. bc op	0.0	
	Eskdalemuir	1023.2	43	NE	4	odm	1016.0	-2	41	-1	-	o	-	o	*	2	46	40	b.c.o	odm. om	odm. om	0.0	
	Malin Head	1022.6	46	SE	2	omg	1014.6	-3	44	-2	SSE	3	-	om	2	0.1	49	42	cm	cm	qmo	0.4	
	Blacksod Point	1022.7	47	-	o	ogmt	1014.3	-4	47	-1	S	3	-	omp	2	-	50	46	og	omg	omp	*	
	Valencia (Cahirveen)	1022.3	51	-	o	c	1016.5	-2	46	-2	NE	1	-	og	3	-	56	46	bc. b	b. og.	o	5.5	
	Roche's Point	1022.6	48	NE	1	o	1017.4	*	40	-8	E	1	N	bm	1	0.1	54	40	o	o	a. bwm	*	
NORTHERN EUROPE.	Birr Castle	1022.3	42	N	1	c	1016.2	*	40	-5	SW	1	-	o	*	-	49	35	co	co	co	0.0	
	Donaghadee	1022.1	48	E	1	ogm	1013.9	-2	44	-2	SW	1	-	fo	1	trace	49	44	om	ogm	ogmfp	*	
	Liverpool (Bidston)	1021.2	48	-	o	o	1016.3	-2	45	-1	SE	2	S	bcm	1	-	49	44	om	o	cm	0.0	
	Holyhead	1021.8	49	ENE	3	og	1015.8	-3	47	-2	-	o	-	oge	0	-	51	46	og	og	oge	0.0	
	Pembroke (St. Ann's)	1020.8	49	NE	2	o	1016.0	-3	48	+1	ENE	1	-	ot	1	0.3	53	46	c	a. op	ocoot	3.0	
	Hartland Quay	1020.8	49	NE	2	o	1016.0	-3	48	+1	ENE	1	-	ot	1	0.3	53	46	c	a. op	ocoot	3.0	
	Scilly (St. Mary's)	1019.6	51	NE	3	c	1015.2	-2	51	-1	ENE	1	NE	o	1	14	55	50	cp	c.	to	1.4	
	Falmouth	1018.3	49	NNE	3	otm	1014.8	-1	50	0	NE	1	-	of	*	8	55	49	co	a. om	of	0.4	
	Jersey (St. Aubin)	1016.8	54	E	3	og	1016.7	*	53	-1	S	3	-	o	3	4	56	52	og	og. cog	og. ro	0.0	
	Portland Bill	1018.4	52	NE	5	ot	1015.2	-2	55	+4	SSW	4	SW	cp	3	2	56	47	oc	oc	cp	*	
FRANCE, &c.	Dungeness	1018.7	53	S	2	c	1017.3	-1	54	+1	SSW	3	-	bc	2	3	55	52	ore	c	c.c	*	
	Wick	1024.9	43	SSE	2	omg	1015.5	-5	42	-2	SW	2	-	om	3	1	49	42	omdg	omg	omp	*	
	Nairn	1024.2	45	E	1	om	1015.0	*	41	-1	-	o	-	ogm	1	2	45	40	dom	mo	d. mo	0.0	
	Aberdeen	1024.8	46	E	1	otm	1015.7	-3	43	-3	-	o	-	cm	2	1	49	43	omo	om	or. om	0.0	
	Leith	1023.6	48	E	1	o	1015.4	-2	44	-2	SW	1	-	adm	2	1	49	44	o	ocgo	opado	*	
	Tynemouth	1022.2	48	ENE	2	om	1016.3	-2	45	-2	E	1	-	mr	4	3	51	45	om	omp	omr	*	
	Spurn Head	1020.8	49	E	1	opd	1017.8	-1	48	-1	S	2	-	c	4	0.3	51	46	og. pd	opd	c	0.0	
	Yarmouth (Gorleston)	1018.9	49	NE	3	t	1017.8	-1	48	-3	-	o	-	bc	2	8	52	47	om. cp	omp	omr. bc	0.0	
	Felixstowe	1019.9	50	N	2	odm	1018.8	0	52	?	SE	4	SE	ad	-	?	-	-	-	otm	odm	-	
	Nottingham	1021.0	43	NE	1	od	1017.6	*	45	-2	SE	1	-	ome	*	3	50	45	o	op	ot	0.0	
IBERIA, &c.	Benson (Oxon.)	1019.5	50	NE	1	o	1016.1	-1	48	0	-	o	-	o	*	1	53	48	oec	o	adom	*	
	Sth Farnborough	1019.4	50	NE	2	odm	1017.3	-1	48	-2	E	2	-	om	*	1	55	48	otm	omr. dm	alorog	0.0	
	Salisbury Plain	1019.7	50	NE	1	od	1017.2	-1	49	-5	E	1	-	ad	*	1	54	49	ot.	og.	ado. ad	*	
	London (Kew Obsy.)	1019.5	52	NE	2	om	1017.3	0	50	-2	E	2	-	om	*	trace	54	48	omo. od	odd. om	omdom	0.0	
	Spitsbergen	1009.7	36	S	5	o	1010.9	0	39	+9	W	6	-	o	3	*	739	30					
	Vardö	1021.9	46	SW	6	t	1020.2	0	46	+5	SSW	2	-	o	2	?	46	41					
	Bodö	1021.9	46	SW	6	t	1020.2	0	46	+5	SSW	2	-	o	2	?	46	41					
	Christiansund	1028.2	48	-	o	o	1021.6	-3	45	0	E	2	-	b	2	-	50	45					
	Skudesnaes	1027.5	46	N	1	c	1018.6	-6	50	+7	E	5	-	o	2	-	50	41					
	Færder (Xantafjord)	1030.9	43	ENE	2	b	1026.7	-2	41	-2	ENE	2	-	o	1	-	43	41					
MEDITERRANEAN.	The Scaw (Skagen)	1028.3	50	E	3	c	1024.4	-2	52	+7	SE	3	-	o	3	-	52	45					
	Blaavands Huk	1024.3	50	E	3	o	1023.8	0	52	+7	S	4	-	c	*	trace	54	43					
	Copenhagen	1027.9	48	ESE	5	o	1027.4	0	50	+2	S	2	-	m	*	-	52	46					
	Bornholm	1028.0	46	SE	4	m	1028.7	0	50	+2	S	1	-	o	0	-	50	46					
	The Helder	1017.0	50	SW	2	o	1020.8	+1	46	-4	SSE	2	-	c	1	5	52	46					
	C. Gris Nez	1019.1	50	S	1	o	1018.3	-1	48	-2	S	2	*	o	1	-	55	48					
	La Hève	1019.9	48	SE	3	m	1017.9	-1	46	-2	SE	3	*	bc	1	-	54	45					
	Brest (St. Mathieu)	1016.7	52	NE	3	c	1015.9	0	54	0	SSE	3	*	o	2	5	57	50					
	Rochefort (Ile d'Aix)	1018.1	54	SE	2	b	1014.3	-1	54	+2	E	3	*	o	1	61	48						
	Biarritz	1015.5	57	E	2	o	1013.5	0	50	+4	SSE	2	*	orgm	-	5	64	46					
MEDITERRANEAN.	Paris	1021.2	48	S	1	o	1019.3	0	43	0	NE	1	-	o	*	-	50	39					
	Belfort	1023.5	48	E	2	b	1021.3	*	39	0	ENE	5	*	f	*	-	54	37					
	Lyons	1021.3	52	-	o	c	1019.1	+1	45	+4	WNW	1	*	t	*	1	61	41					
	Nice	1018.6	61	E	4	bc	1019.0	-1	61	+15	E	4	*	ot	3	2	63	46					
	Perpignan	1019.1	50	-	o	t	1015.3	0	52	+6	SW	1	-	thr	*	31	55	46					
	Sanguinaire	1016.8	64	E	3	o	1015.3	-3	72	+13	WSW	4	*	o	3	trace	72	59					
	Corunna	1015.4	55	N	1	c	1014.4	+1	48	-4	S	1	-	b	2	-	59	45					
	Madrid	1012.4	57	NW	2	bc	1012.4	+1	50	-2	NNE	2	-	c	-	-	61	50					
	Lisbon	1025.0	*	E	2	bc	1025.7	+1	63	+2	-	o	*	o	1	-	73	63					
	Azores (Horta)	1024.2	*	NE	5	bc	1025.1	+1	60	-1	N	1	*	o	1	-	68	57					
MEDITERRANEAN.	Madeira (P. Delgada)	1016.3	66	N	4	bc	1018.6	+2	63	+2	N	3	N	bc	4	?	72	61					
	Gibraltar	1011.5	60	-	o	o	1010.5	*	51	-6	W	3	*	o	3	4	70	51					
	Palma	1011.5	60	-	o	o	1010.5	*	51	-6	W	3	*	o	3	4	70	51					
	Algiers	1012.7	63	WNW	4	b	1012.6	0	61	0</													



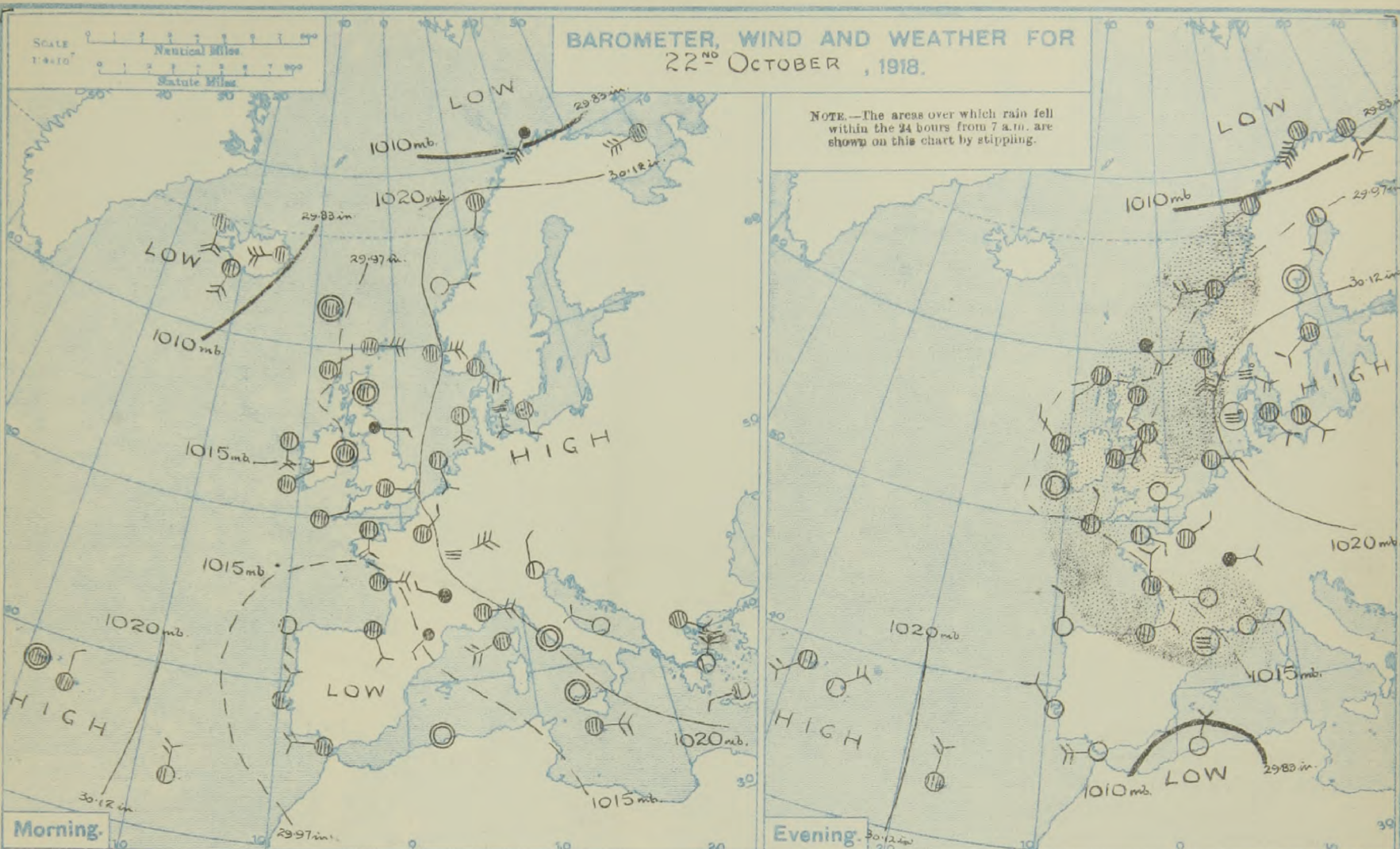
# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,789

WEDNESDAY, 23<sup>rd</sup> OCTOBER, 1918.

## BAROMETER, WIND AND WEATHER FOR 22<sup>nd</sup> OCTOBER, 1918.

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 22<sup>nd</sup> October.

STATIONS.		EVENING OF... 21 <sup>st</sup> ...					MORNING OF... 22 <sup>nd</sup> ...										MORNING OF... 22 <sup>nd</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.	Dirac.	Force 0-12.	Weather.		
			* F.						* F.	* F.					* F.	* F.			* F.	* F.			
RUSSIA.	Archangel ...						1018.9	+2	28	-2	WSW	2	0	-	*	*							
	Petrograd ...																						
	Moscow ...														*	*							
SWEDEN.	Hernösand ...	1027.5	37	-	0	b	1025.5	*	34	0	-	0	b	*	*	*							
	Stockholm ...	1031.4	39	SSW	2	b	1029.1	*	36	0	SW	2	f	*	*	*							
	Wisby ...	1031.8	39	N	2	b	1029.9	*	43	+4	SE	2	0	*	*	*							
ITALY.	Venice ...	1025.5	55	N	1	b	1023.8	*	54	+2	N	1	bc	trace	61	50	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM						
	Turin ...	1027.0	52	-	0	0	1025.3	*	50	0	-	0	r	22	57	48							
	Pesaro ...							*									23 <sup>rd</sup> and 24 <sup>th</sup> Oct. 1918.				Sunrise.	Noon.	Sunset.
	Leghorn ...	1019.8	63	E	1	bc	1020.1	*	64	?	-	0	c	-	78	61		G.M.T.	G.M.T.	G.M.T.			
	Rome ...	1020.5	64	NE	1	bc	1020.1	*	?	?	-	0	b	-	77	59	6.34	11.37	4.40				
	Viesti ...	1021.5	66	NW	1	b	1023.9	*	61	-3	NW	2	b	-	68	55	6.36	11.37	4.38				
	Brindisi ...	1022.7	66	NW	3	b	1022.1	*	?	?	NNW	3	f	-	68	61	6.39	11.44	4.49				
	Cagliari ...							*									6.41	11.44	4.47				
	Palermo ...	1016.3	70	-	0	0	1004.6	*	68	+2	?	?	0	-	79	66	7.8	11.56	4.45				
	Tripoli ...							*									7.10	11.56	4.42				
																	7.21	12.25	5.30				
																	7.23	12.25	5.28				

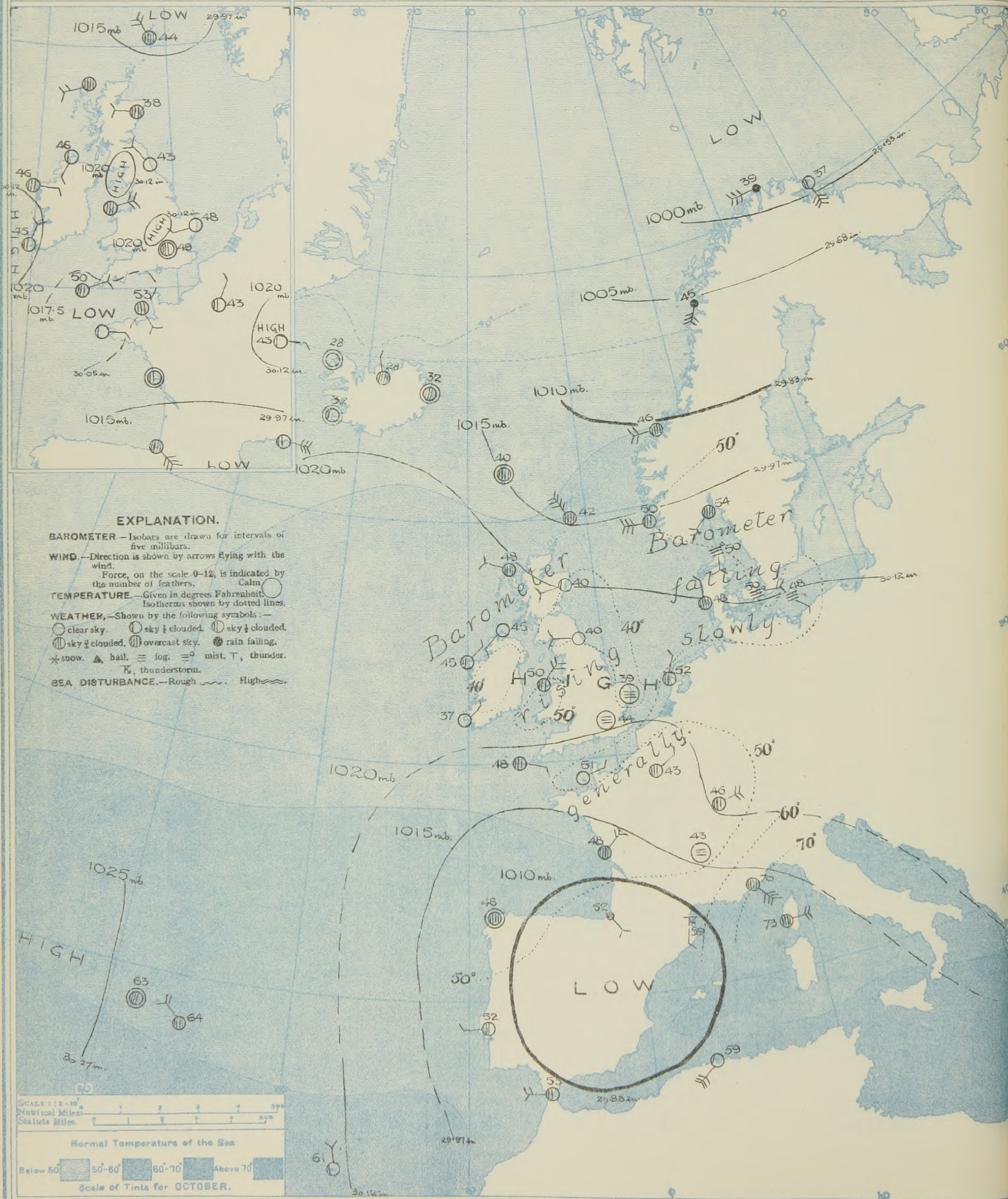
LONDON  23 <sup>rd</sup> October 9h. G.M.T.		Humidity.		Sun- shine for  22 <sup>nd</sup>	24 HOURS ENDED 9 h. 23 <sup>rd</sup>							SOUTH KENSINGTON (M.O.)		
		15 h.	9 h.		Temperature.			Rain- fall.	Weather.					
		22 <sup>nd</sup>	23 <sup>rd</sup>		Max.	Min.	Min. on Grass.		Morning.	Afternoon.	Night.	Total.	Average Rate.	Max. Rate.
		%	%	Hours.	° F.	° F.	° F.	mm.				Joules.	Milliwatts.	Milliwatts.
GREENWICH (Royal Observatory) .. ..		76	100	4.3	61	39	27	0.0	c	cf	cfw			
CITY (Bunhill Row) .. .. .		*	*	2.4	*	*	*	*	*	*	*			
WESTMINSTER (St. James's Park) .. ..		76	96	2.7	61	43	37	0.0	*	*	*			
" (Roof near Charing x). ..		79	96	2.7	60	45	-	0.0	om	bcc	bcdmfe			
CAMDEN SQ. (British Rainfall) .. ..		73	100	1.8	60	44	35	0.0	bc	c	*			
KENSINGTON PALACE .. .. .		79	100	-	59	42	33	0.0	c	bc	*			
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.														

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

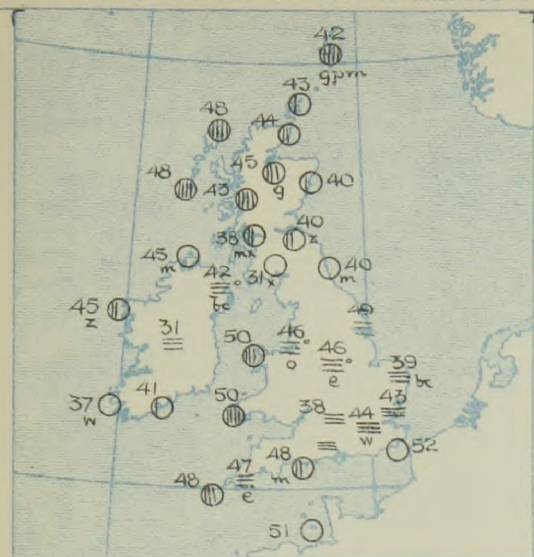


23<sup>RD</sup>, OCT, at 1h. G.M.T.

THE MORNING OF WEDNESDAY, 23<sup>RD</sup> OCTOBER 1918, at 7h. G.M.T.







## GALES.

## STRICTLY CONFIDENTIAL.

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

The day was rather warm but there was a slight frost at night at Eskdalemuir and Birr Castle. Rain fell in Scotland, 10 mm. at Mairn, and 6 mm. at Lerwick, much smaller quantities in parts of England and Ireland. Sunshine was very scanty, 3 hours at Jersey and London, and 2½ hours at Yarmouth, but none at almost all other stations. Fog formed at night over most of the east and south-east of England.

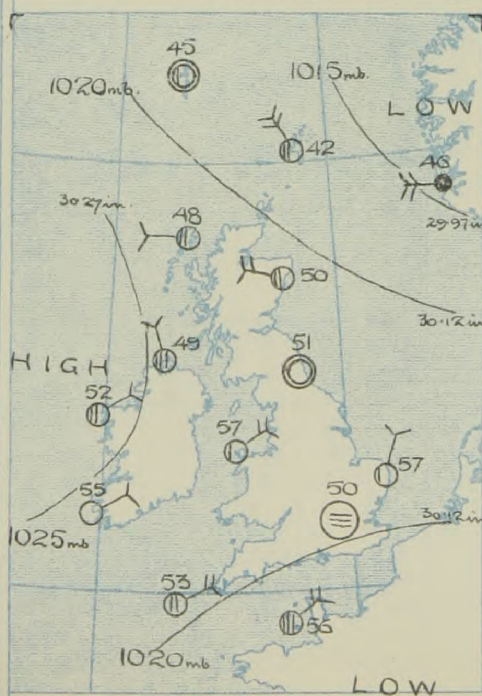
## The Conditions at 7h. Today

There is an anticyclone over the British Isles and the North Sea, which is increasing in intensity. The wind is very light, and is rather variable in direction, being mainly from NW. in Scotland, and NE. in England, but is SW. in the north of Ireland. In the Shetlands a strong NW. wind has sprung up, which is due to a depression beyond the Arctic Circle. The weather is fine to dull over the United Kingdom, with passing showers in the Shetlands, and fog at many English stations. The temperature has fallen to 31° at Eskdalemuir and at Birr Castle, but is about 50° at most English coast stations.

## The Outlook

Light variable breezes, with fair or fine weather and a rather low temperature, are probable over the whole of the United Kingdom. Fog will form at night at low lying inland stations.

H.H.

WEDNESDAY, 23<sup>RD</sup> OCTOBER, 1918, at 13h. (1p.m.) G.M.T.

The barometer is still inclined to rise over the United Kingdom, except on the south coast of England. The anticyclone will maintain its position and cause fine and quiet weather generally with a tendency to fog.



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 296

WEDNESDAY.

23<sup>rd</sup> October.

STATIONS.		EVENING OF 22 <sup>nd</sup>					MORNING OF 23 <sup>rd</sup>										24 HOURS ENDED 7 h 23 <sup>rd</sup>						Sun- shine for 22 <sup>nd</sup> Hours.	
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours.	WIND.		Dir. 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	1012.9	46	SE	3	omr	1014.2	0	42	-2	NW	7	-	omgp	4	6	47	40	om	om	om	*		
	Deerness (Orkney)	1013.9	45	W	3	oe	1018.3	*	43	-3	WNW	3	NE	b	3	5	46	42	our	roe	ocpb	0.0		
	Stornoway	1014.9	46	SW	1	o	1020.8	+2	48	+5	WNW	2	-	o	1	1	48	42	oz	oz	adpb	0.0		
	Castlebay (Barraisd.)	1016.1	46	-	0	o	1023.2	+3	48	+1	NNW	3	-	o	2	5	50	46	op	opo	oro	0.0		
	Glasgow	1016.4	45	SW	1	omg	1022.6	+4	38	-4	SW	2	N	bcmx	*	0.2	46	37	agme	omg	ocbex	0.0		
	Eskdalemuir	1017.0	42	SSW	1	om	1023.4	+3	31	-10	-	0	-	bx	*	0.3	45	29	o.opom	ad.mog	omb of	0.0		
	Malin Head	1015.5	47	SSW	2	cm	1022.4	+4	45	+1	SW	1	-	bm	-	-	-	om	cm	bm	*			
	Blacksod Point	1015.2	48	NW	1	omg	1023.2	+3	45	-2	NE	1	N	bcz	2	0.2	50	44	cgz	omgp	cz.bcz	*		
	Valencia (Cahirciveen)	1016.2	45	-	0	b	1022.9	+5	37	-9	NE	1	-	bur	3	0.5	51	36	ad	o.b	bc.bw	0.0		
	Roche's Point	1016.9	45	ESE	1	b	1022.5	*	41	+1	N	1	NE	b	1	0.2	53	38	bm.b	bm.b	bmw	*		
	Birr Castle	1015.7	48	NE	1	o	1024.5	*	31	-9	S	1	-	f	*	-	51	31	oc	o.b	fx	0.1		
	Donaghadee	1014.8	46	W	1	cgm	1022.4	+5	42	-2	W	3	-	bcm	2	trace	50	41	of.ogm	ogm	agmce	*		
	Liverpool (Bidston)	1016.2	49	-	0	m	1022.1	+3	46	+1	E	1	-	om	1	-	51	45	cm	bc om	om	0.5		
	Holyhead	1016.3	50	ENE	3	og	1022.3	+3	50	+3	NE	4	-	c	2	1	50	47	odg	odg	oc.bec	0.0		
	Pembroke (St Ann's)	1015.3	51	ENE	2	og	1020.6	+3	50	+2	NNE	2	-	o	1	2	51	47	ort	opg	oporo	0.0		
Hartland Quay																								
NORTHERN EUROPE.	Scilly (St. Mary's)	1015.0	52	NNE	1	c	1018.7	+2	48	-3	ESE	1	E	c	2	3	55	47	od	opc	bcmcp	0.0		
	Falmouth	1015.2	52	S	2	om	1019.7	+3	47	-3	S	2	-	fe	*	trace	54	46	ofe	om.ocm	bwfe	0.0		
	Jersey (St. Aubin)	1015.7	54	ESE	1	cm	1017.7	*	51	-2	ENE	2	-	b	2	-	57	43	ocb	bcm	cmobw	3.0		
	Portland Bill	1015.9	55	SE	3	c	1018.7	+2	48	-7	ENE	3	SW	bcm	3	1	57	48	cp	c	bmw	*		
	Dungeness	1017.3	54	S	3	b	1019.6	+1	52	-2	NE	4	-	b	3	-	58	49	cb	b	bc.b	*		
	Wick	1014.5	44	WNW	1	omg	1018.5	+3	44	+2	NW	3	-	bc	2	1	48	41	omgp	omg	ompte	*		
	Nairn	1015.1	44	-	0	ogm	1020.0	*	45	+4	-	0	-	cg	1	-	47	40	cg	cg om	ogc	0.0		
	Aberdeen	1016.0	46	SSW	1	om	1020.1	+2	40	-3	WSW	2	NW	b	2	0.2	49	37	opmcm	cm om	ombcb	0.0		
	Leith	1016.2	45	SW	1	o	1021.3	+1	40	-4	SW	1	SW	bcz	2	trace	48	38	odmo	ocdo	owbc	*		
	Tyneinmouth	1016.4	49	SW	1	om	1021.7	+3	40	-5	W	2	-	bm	3	-	51	40	om	om	cmf	*		
	Spurn Head	1017.0	51	S	1	om	1021.5	+3	49	+1	NNW	1	-	f	2	trace	51	46	om	om	cmf	0.0		
	Yarmouth (Gorleston)	1016.9	51	SSW	2	b	1020.6	+2	39	-9	-	0	-	bef	2	-	57	38	bcm	bcm bm	bm.bcf	2.5		
	Felixstowe						1022.2	+4	43	-9	N	1	-	f	-	-	-	-	c	-	bcf	-		
	Nottingham	1017.2	50	E	1	o	1022.2	*	46	+1	SSE	1	-	me	*	4	50	45	orm	orm	ocm	0.0		
	Benson (Oxon.)	1017.2	45	-	0	b	1020.8	+3	38	-10	-	0	SW	f	*	0.1	58	37	oc	bc	bfw	*		
Sth Farnborough	1017.7	46	SE	1	bcm	1021.6	+3	39	-9	E	2	-	ofe	*	trace	57	36	o.bcmo	a.bcm	ofe	0.8			
Salisbury Plain	1017.1	49	S	1	bc	1022.1	+4	39	-10	NE	1	-	of	*	3	55	34	op	oc	bc.bf	*			
London (Kew Obsy.)	1017.6	50	S	1	bm	1021.5	+3	44	-6	-	0	-	fw	*	0.4	59	39	om.cmbc	oc bc bm	bmfw	3.1			
FRANCE, &c.	Spitsbergen																							
	Vardö	1008.0	41	S	3	o	999.1	-3	37	-2	S	6	-	bc	3	*	41	30						
	Bodö	1012.8	46	SW	1	o	1005.9	-3	45	-1	SW	5	-	rt	3	?	46	43						
	Christiansund	1015.0	46	W	3	c	1010.9	+3	46	+1	W	4	-	o	3	4	48	45						
	Skudenes	1018.3	50	S	6	o	1016.6	-1	50	0	W	6	-	c	4	3	50	48						
	Færder (Xianla Fjord)	1021.2	52	S	5	o	1017.0	-1	54	+13	SW	2	-	o	3	4	54	41						
	The Scaw (Skagen)	1022.4	50	SSE	3	m	1018.1	-1	50	-2	SSW	2	-	m	2	-	54	48						
	Blaavands Huk	1022.0	50	-	0	m	1020.2	+1	48	-4	N	1	-	o	*	-	54	46						
	Copenhagen	1025.5	52	SE	2	o	1019.7	-1	50	0	ESE	3	-	m	*	2	52	50						
	Bornholm	1026.4	50	SE	2	o	1020.3	-2	48	-2	SSE	1	-	f	*	-	52	46						
	The Helder	1019.8	52	E	1	o	1021.3	+2	52	+6	NNE	1	-	bc	0	3	55	46						
	C. Gris Nez	1018.0	57	SSE	1	b	1019.3	0	50	+2	E	3	*	c	2	-	61	46						
La Hève	1017.0	50	E	4	bc	1016.4	+3	45	-1	E	1	*	m	-	-	59	45							
Brest (St. Mathieu)	1016.2	55	SSE	1	c	1017.5	0	46	-8	NE	3	*	o	2	-	59	45							
Rochefort (Ile d'Aix)	1014.3	54	N	2	o	1011.3	-3	48	-6	NE	3	*	o	*	-	61	48							
Biarritz	1012.6	57	ENE	2	c	1005.7	-5	52	+2	SE	2	*	r	2	1	63	50							
IBERIA, &c.	Paris	1017.9	48	ENE	1	o	1017.5	+1	43	0	NE	1	-	c	*	1	55	43						
	Belfort	1021.0	50	E	2	r	1020.2	*	46	+7	ENE	4	*	c	*	2	55	39						
	Lyons	1019.1	50	-	0	b	1016.8	-4	43	-2	-	0	*	f	*	3	55	43						
	Nice	1019.7	59	E	2	b	1013.5	-2	70	+9	SE	6	*	o	5	-	68	55						
	Perpignan	1014.3	57	-	0	f	1006.3	-5	59	+7	S	1	-	rlr	*	60	64	52						
MEDITERRANEAN.	Sanguinaire						1011.8	-10	73	+1	E	4	*	o		79	77	57						
	Corunna	1013.0	59	N	1	b	1012.6	0	48	0	-	0	-	o	3	-	61	45						
	Madrid																							
	Lisbon	1012.8	55	NW	2	b	1012.8	0	52	+2	W	1	-	c		61	50							
	Azores (Horta)	1025.5	*	SW	3	c	1024.0	-1	63	0	-	0	*	c	1	-	73	63						
MEDITERRANEAN.	(P. Delgada)	1024.4	*	NNE	3	b	1021.9	-2	64	+4	WNW	3	*	o	3	?	68	59						
	Madeira	1019.5	68	N	3	o	1020.3	0	61	-2	N	2	N	b	2	-	70	61						
	Gibraltar	1013.5	55	W	4	b	1013.9	*	55	+4	W	3	*	bc	1	5	63	51						
	Palma																							
	Algiers	1007.9	64	NNE	2	b	1012.0	+4	59	-2	SW	6	-	b	3	-	68	59						
Malta	*	*	*	*	*	1017.3	+2	70	0	SE	3	-	o	4	*	75	70							
Salonica	1025.8	63	S	2	c	1027.4	0	63	-3	E	3	-	o	*	-	76	63							
Athens																								
Candia																								
Limassol	*	*	*	*	*	1013.5	0	81	+9	ENE	7	-	b	6	1	91	66							
Alexandria	1014.0	77	NE	1	b	1014.1	0	77	-2	NNE	2	W	bc	1	-	84	73							
Cairo (Helwan)	1012.4	81	-	0	c	1013.5	+2	60	-7	-	0	NW	c	*	-	93	64							
Jerusalem	?	79	-	0	b	?	+1	77	0	-	0	-	c	*	trace	90	70							
Ramleh	1010.6	81	N	2	b	1014.2	+2	79	0	SSE	1	-	c	-	-	101	72							

\* Information for these columns not usually received.

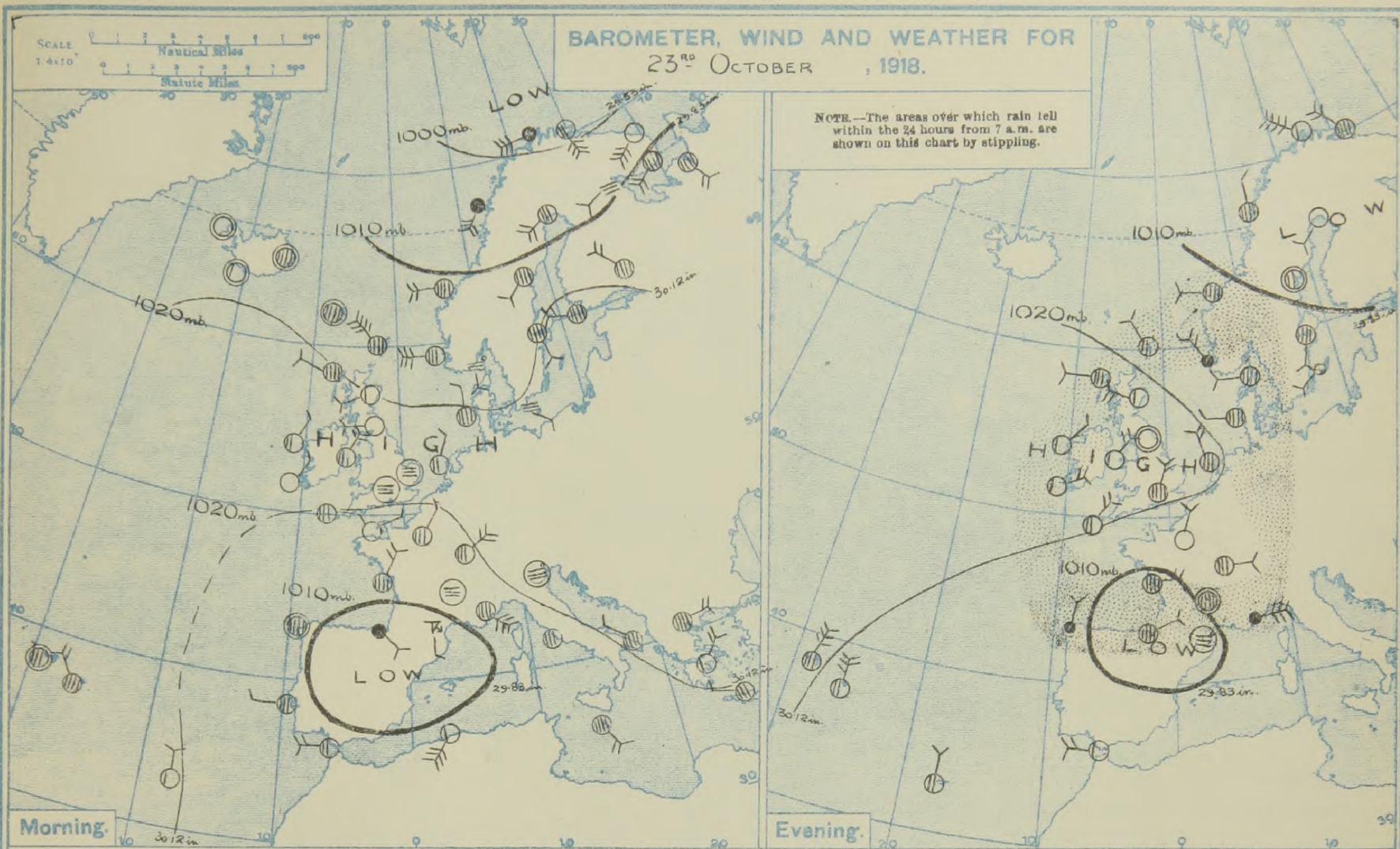
\* Received too late for insertion in Charts

\* The barometric change is expressed in half-millibars



# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,790. THURSDAY, 24<sup>TH</sup> OCTOBER, 1918.



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

STATIONS.		EVENING OF... 22 <sup>rd</sup>					MORNING OF... 23 <sup>rd</sup>										MORNING OF... 23 <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. ° F.	Change in 24 hours. ° F.	Dirac.	Force 0-12.		Weather.	Max.			Min.	Dirac.	Change in 24 hours.	Dirac.		Force 0-12.		
		° F.												° F.	° F.			° F.	° F.						
RUSSIA.	Archangel ...						1016.4	*	32		SSE	3	0	—	*	*	Isafjord ...	1019.4	28	-17	—	0	b		
	Petrograd ...																Reykjavik ...	1019.7	32	-4	—	0	b		
	Moscow ...														*	*	Vestmanna								
SWEDEN.	Hernösand ...	1019.5	39	—	0	b	1013.1	*	43	+9	SSW	2	0	*	*	*	Seydisfjord ...	1019.9	32	-9	—	0	c		
	Stockholm ...	1026.7	43	SW	2	0	1020.0	*	45	+9	SSE	2	0	*	*	*	Thorshavn ...	1015.1	40	-4	—	0	0		
	Wisby ...	1027.7	45	S	2	b	1021.7	*	46	+3	WNW	2	f	*	*	*									
ITALY.	Venice ...	1023.7	59	—	0	bc.	1021.5	*	55	+1	ESE	1	m	—	68	52	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM								
	Turin ...							*									24 <sup>th</sup> and 25 <sup>th</sup> Oct 1918.						Sunrise.	Noon.	Sunset.
	Pesaro ...							*																	
	Leghorn ...	1019.5	68	—	0	bc.	1010.1	*	60	-4	E	3	bc	—	71	51									
	Rome ...	1020.1	64	—	0	b	?	*	53	?	—	0	c	—	75	57									
	Viesti ...	1024.2	63	NW	1	b	1019.8	*	61	0	NW	1	c	—	66	54									
	Brindisi ...	1023.1	68	NW	4	b	1022.1	*	68	?	NW	1	0	—	77	68									
	Cagliari ...							*																	
	Palermo ...							*																	
	Tripoli ...							*																	

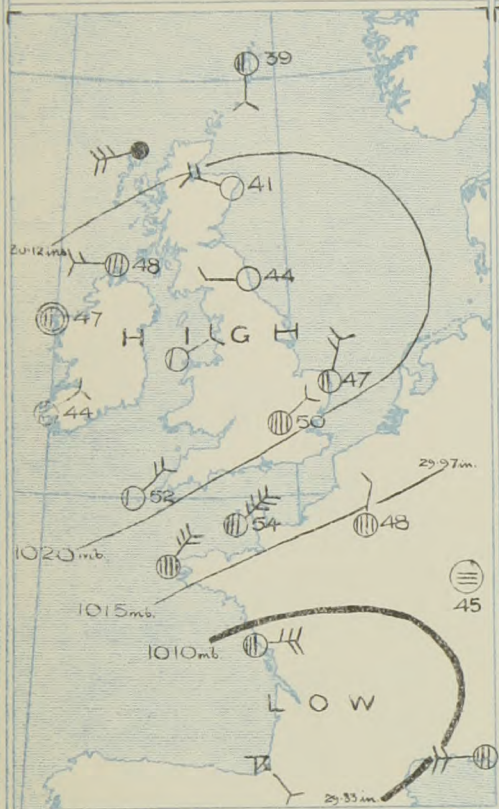
LONDON				24 HOURS ENDED 9 h. 24 <sup>TH</sup> OCT.										SOUTH KENSINGTON (M.O.)		
24 <sup>TH</sup> OCTOBER 9h. G.M.T.				Humidity.		Sun-shine for 23 <sup>RD</sup> Hours.	TEMPERATURE.			Rain-fall. mm.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during 23 <sup>RD</sup>		
	15h.	9h.		23 <sup>RD</sup>	24 <sup>TH</sup>		Max. °F.	Min. °F.	Min. on Grass. °F.		Morning.	Afternoon.	Night.	Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
GREENWICH (Royal Observatory) ..	69	93	4.5	58	43	35	0.0	f. b	bc. o	od						
CITY (Bunhill Row) ..	*	*	3.8	*	*	*	*	*	*	*	*	*	*			
WESTMINSTER (St. James's Park) ..	68	86	2.5	59	44	40	0.0	*	*	*	*	*	*			
" (Roof near Chancery) ..	72	96	2.5	59	44	*	0.0	bc. f	bc. f	bc. m	co. c. m					
CAMDEN SQ. (British Rainfall) ..	80	96	4.4	60	42	37	0.0	bc	b. bc	*						
KENSINGTON PALACE ..	71	93	—	58	43	37	0.0	o. bc	bc. o	*						

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



24<sup>TH</sup>, OCT, at 1h. G.M.T.

THE MORNING OF THURSDAY, 24<sup>TH</sup> OCTOBER 1918, 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.

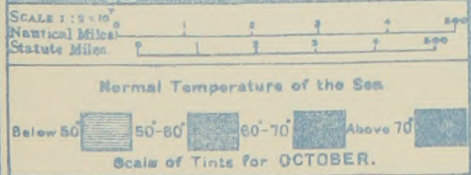
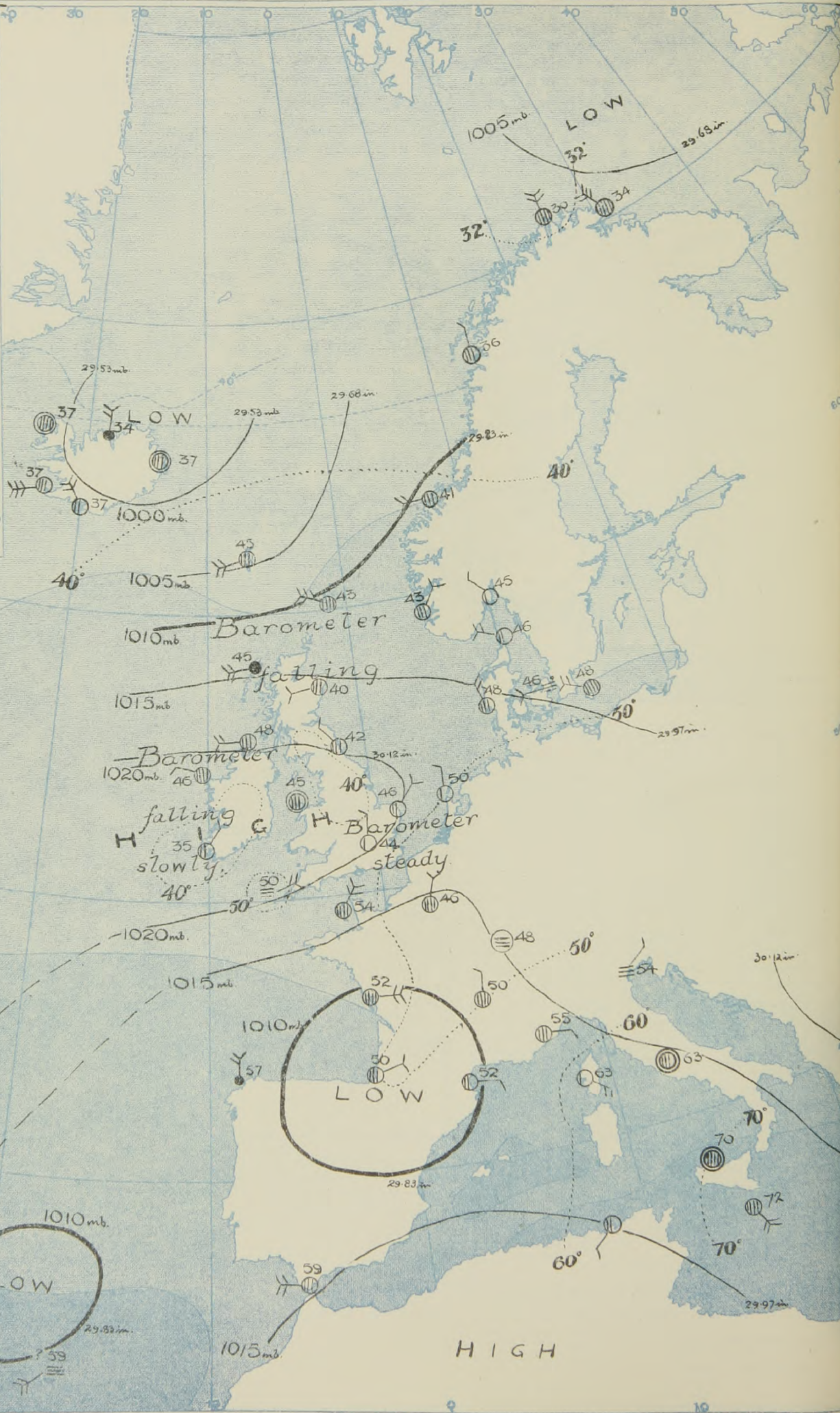
Force, on the scale 0-12, is indicated by the number of feathers.

TEMPERATURE.—Given in degrees Fahrenheit.

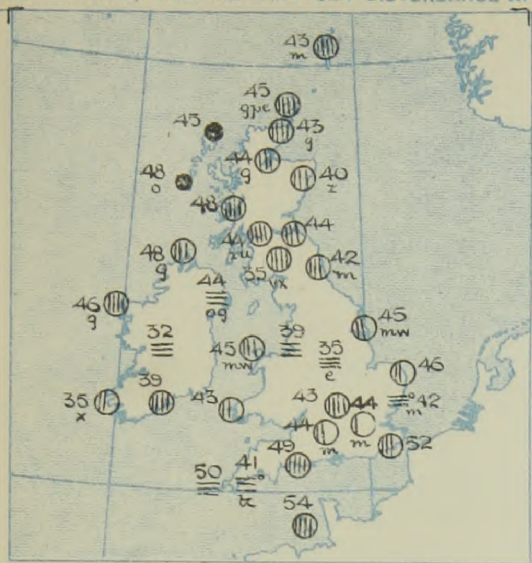
WEATHER.—Shown by the following symbols:—

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

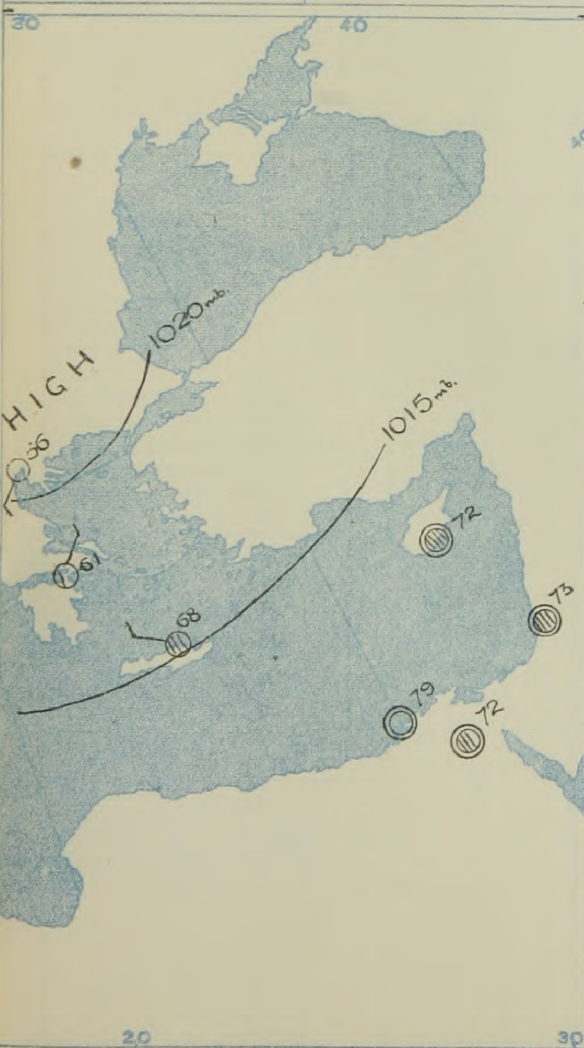
SEA DISTURBANCE.—Rough ~~~~~ High ~~~~~







## GALES.



## STRICTLY CONFIDENTIAL.

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

The maximum temperature was  $60^{\circ}$  at Yarmouth, and  $59^{\circ}$  at Falmouth and Jersey. There was a slight frost at night at Eskdalemuir and Birr Castle. A few millimetres of rain fell in the Orkneys, Shetlands and Hebrides, but practically none anywhere else. Sunshine records were rather good, 9 hours at Valencia, 8 at Falmouth, and 6 or more hours at a few other stations. Fog occurred again locally.

## The Conditions at 7h. Today

There is still an anticyclone over the British Isles. There are indications of a new depression near Iceland, which is causing a fall of the barometer over the Northern half of the United Kingdom. In Scotland the wind is from W. or SW, and is moderate in force. On the south coast of England there is a moderate or fresh NE. breeze. Over the rest of the country the wind is very light, and is variable in direction. The weather is fair or dull, with rain in the Hebrides and Orkneys, and mist or fog locally in England and Ireland. The temperature is down to  $32^{\circ}$  at Birr Castle, and to  $35^{\circ}$  at Nottingham.

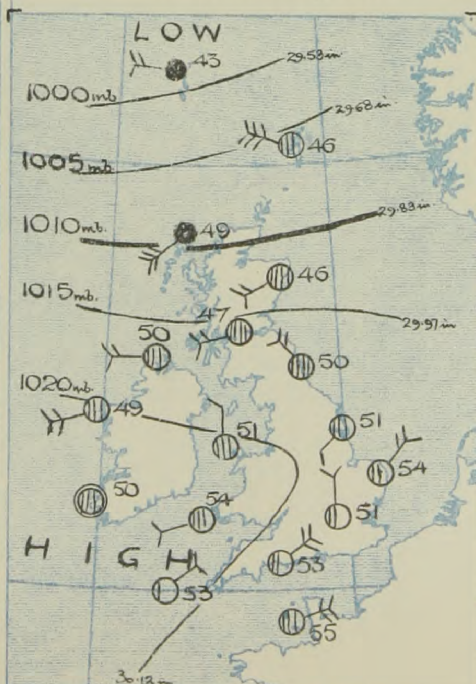
## The Outlook

Fresh SW. or W. winds may be expected in Scotland, becoming strong in the north, with mild, dull and showery weather. Further south light variable breezes, and fair to foggy weather will continue, with a rather low temperature.

H.A.

THURSDAY, 24<sup>th</sup>

OCTOBER, 1918, at 13h. (1 p.m.) G.M.T.



The depression over Iceland appears to be growing deeper, and may extend its influence down to the Southern half of the United Kingdom rather sooner than appeared likely this morning, causing a backing of the wind to NW before long, with a tendency towards less settled weather.



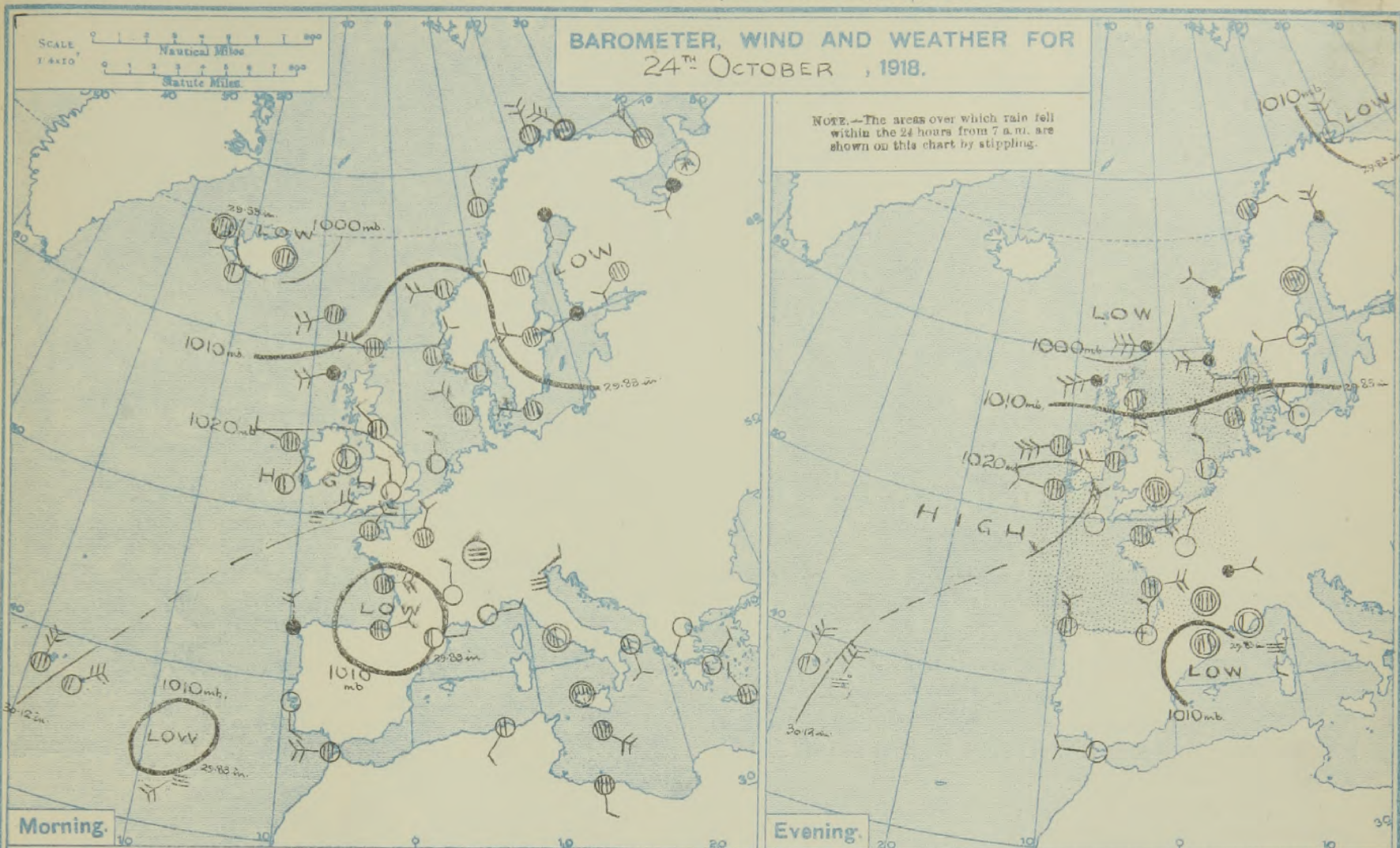
\* Information for these columns not usually received.    † Received too late for insertion in Charts    ‡ The barometric change is expressed in half-millibars.



# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,791

FRIDAY, 25<sup>TH</sup> OCTOBER, 1918.



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

STATIONS.		EVENING OF 23 <sup>rd</sup> .....					MORNING OF 24 <sup>th</sup> .....										MORNING OF 24 <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.		Max.	Min.			Dry Bulb. °F.	Change in 24 hours. °F.	Dirac.	Force 0-12.				
RUSSIA.	Archangel ...						1003.8	+	34	+2	SW	2	γ	5	°F.	°F.	Isafjord ...	1002.3	37	+9	-	0	0		
	Petrograd ...														*	*		Reykjavik ...	1002.0	37	+5	WSW	6	c	
	Moscow ...														*	*		Vestmanna ...	1001.9	37	?	NW	4	bc	
SWEDEN.	Hernösand ...	1008.6	37	-	0	bc		*						*	*	*	Seydisfjord ...	997.2	37	+5	-	0	c		
	Stockholm ...	1013.0	46	S	4	0		*						*	*	*		Thorshavn ...	1002.3	45	+5	WSW	4	0	
	Wisby ...	1015.4	48	SW	2	γ		*						*	*	*		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.							
ITALY.	Venice ...	1018.0	57	-	0	f	1016.3	*	54	-1	NE	1	f	-	70	54	25 <sup>th</sup> & 26 <sup>th</sup> Oct 1918.						Sunrise.	Noon.	Sunset.
	Turin ...	1019.3	52	-	0	γ	1015.5	*	52	?	-	0	γ	11	57	50	Yarmouth ...	...	...	G.M.T. 6.37 6.39	G.M.T. 11.27 11.37	G.M.T. 4.36 4.35			
	Pesaro ...						1015.1	*	52	?	-	0	γ	2	61	55									
	Leghorn ...						1013.5	*	?	?	-	0	0	9	?	59	Greenwich ...	...	...	G.M.T. 6.42 6.44	G.M.T. 11.44 11.44	G.M.T. 4.45 4.44			
	Rome ...	1015.9	68	-	0	0	1014.1	*	63	+10	-	0	c	3	75	61									
	Viesti ...							*									Wick ...	...	...	G.M.T. 7.12 7.14	G.M.T. 11.56 11.56	G.M.T. 4.39 4.37			
	Brindisi ...						1017.0	*	64	-4	S	2	bc	?	88	63									
	Cagliari ...							*									Valencia ...	...	...	G.M.T. 7.24 7.26	G.M.T. 12.25 12.25	G.M.T. 5.26 5.26			
	Palermo ...	1012.9	73	-	0	c	1013.8	*	70	?	-	0	0	-	81	61									
Tripoli ...							1012.3	*	73	?	SSW	1	0	-	99	72									

LONDON 25 <sup>th</sup> October 1918. 9h. G.M.T.			HUMIDITY.		Sun- shine for 24 <sup>th</sup>	24 HOURS ENDED 9 h. 25 <sup>th</sup> .....			WEATHER.			
			75 h.	9 h.		TEMPERATURE.			Rain- fall.			
			24 <sup>th</sup>	25 <sup>th</sup>		Max.	Min.	Min. on Grass.			Morning.	Afternoon.
			%	%	Hours.	° F.	° F.	° F.	mm.			
GREENWICH (Royal Observatory)	..	..	76	86	4.0	53	37	28	0.0	o bc	bc.0	oxmd.
CITY (Bunhill Row)	..	..	*	*	3.8	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	..	..	74	89	2.8	54	39	36	0.0	*	*	*
" (Roof near Charing X.)	..	..	79	89	3.2	53	41	—	0.0	bm	bcm	om.cm
CAMDEN SQ. (British Rainfall)	..	..	75	88	4.3	54	38	35	0.0	bc	b	*
KENSINGTON PALACE	..	..	76	74	*	53	38	30	0.0	oz	om	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher's pattern.

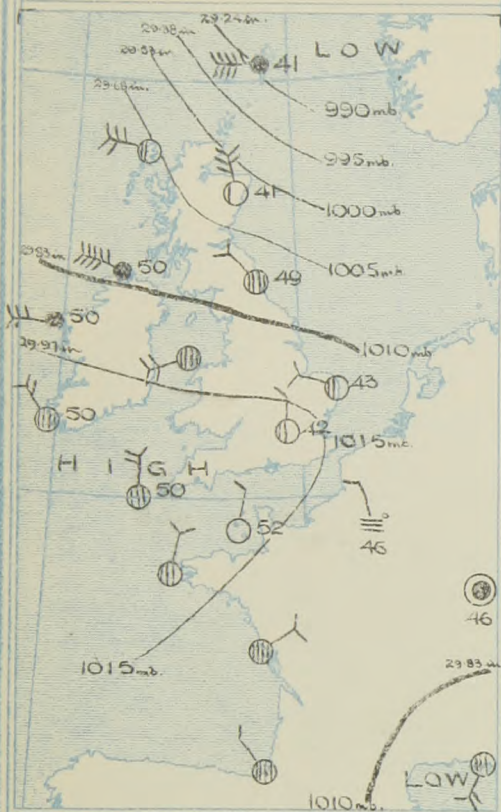
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

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.
-	-	-



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

THE MORNING OF FRIDAY, 25<sup>th</sup> OCTOBER 1918, 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.

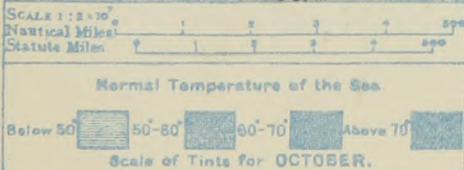
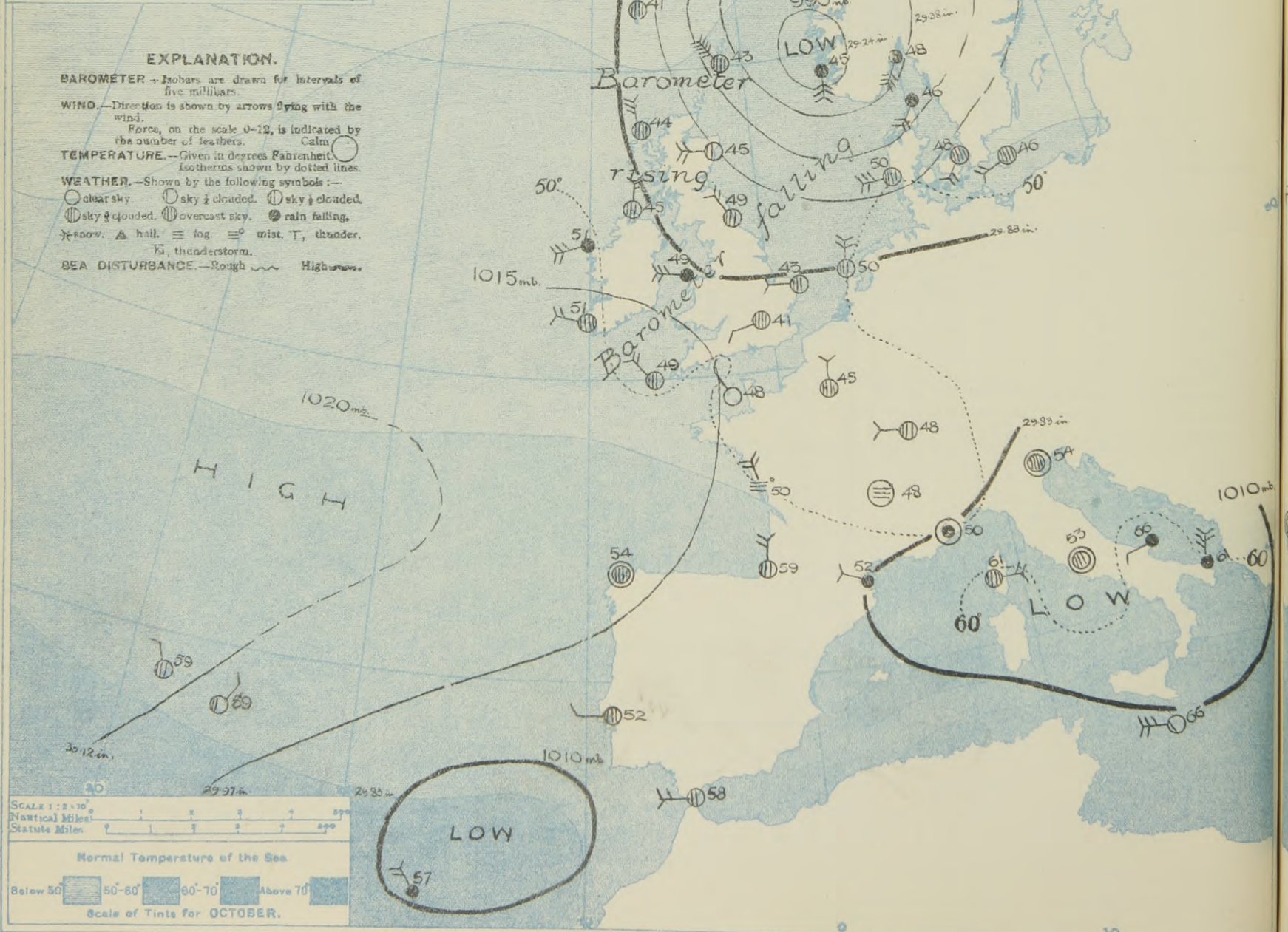
WEATHER.—Shown by the following symbols:—

○ clear sky ○ sky & clouded ○ sky & clouded

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

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

SEA DISTURBANCE.—Rough High.





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

The temperature fell to  $34^{\circ}$  inland in the south of England during the night. Rain has fallen generally further north and west, 11 mm. at Lerwick, 7 mm. at Deerness, and 5 mm. at Stornoway, Malin Head, and Blacksod Point. Four or five hours of bright sunshine were recorded at several English stations, but little or none in Scotland and Ireland.

## The Conditions at 7h. Today

There is a somewhat deep depression over the south of Norway, moving eastwards. The barometer is still falling over the southern half of the United Kingdom, and there are some indications of further disturbances out in the Atlantic.

The wind is from NW. in Scotland, and blows strongly in the north. In the Shetlands there is a gale. Further south the wind is mainly from the West, light or moderate generally, but fresh at Holyhead and Blacksod Point.

The weather is dull except in the south of Scotland and in the western half of the Channel, and rain is falling at many stations in the northern half of the Kingdom. The temperature varies from about  $40^{\circ}$  to  $50^{\circ}$ .

## The Outlook

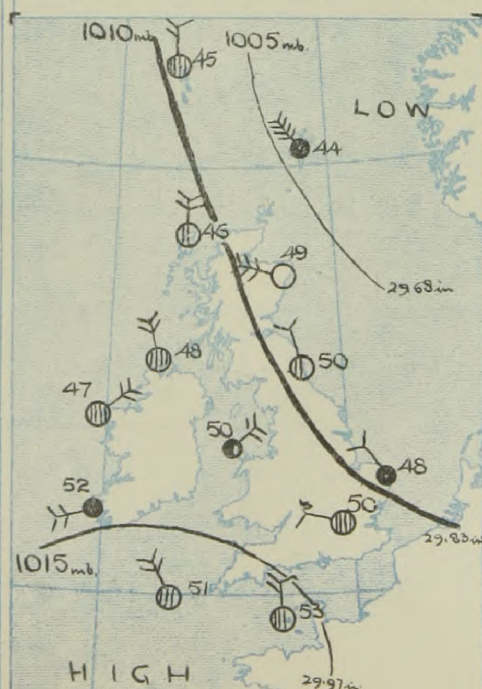
The wind will moderate somewhat rapidly in Scotland, and then back to West, the weather becoming dull, mild and showery again after a short interval of fairer weather. Over England and Ireland moderate to fresh W. or SW. breezes are probable, with some rain before long, and a higher temperature than of late.

H.H.

## GALES.

FRIDAY, 25<sup>TH</sup>

OCTOBER, 1918, at 12h. (1p.m.) G.M.T.



The general situation has not changed since this morning. The rise of the barometer in Northern Scotland and the slow fall over the Southern half of the United Kingdom continue, and the outlook is similar to what it was this morning.



FRIDAY,  
25<sup>TH</sup> OCTOBER.

STATIONS	EVENING OF 24 <sup>th</sup> .....					MORNING OF 25 <sup>th</sup> .....										24 HOURS ENDED 7 A.M. 25 <sup>th</sup> .....										Sun- shine for 24 <sup>th</sup> Hours.
	Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Temp.	WIND.		Dirac. 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	999.3	47	W	6	ompq	995.3	+11	43	0	NW	9	—	ompq	5	11	47	42	omp	ompq	cmqr	0.0				
	Deerness (Orkney)	1001.3	47	SW	5	r	1002.0	*	46	+1	NW	6	—	og	5	7	48	43	ogc.o	opdr	rpq.o	0.0				
	Stornoway	1002.4	49	WSW	6	org	1009.0	+3	44	-1	NNW	5	—	o	4	5	50	44	opq	org	bc opq	0.0				
	Castlebay (Barra Isd.)	1009.1	50	W	3	or	1011.5	+1	47	-1	NNW	3	—	o	3	2	51	46	ro	op r	rd bc o	0.0				
	Glasgow	1012.2	46	WSW	4	ogr	1009.7	+3	40	-4	W	1	—	bx	*	1	49	39	oz	ac op	opc bx	0.3				
	Eskdalemuir	1014.0	44	SW	4	om	1009.3	+2	39	+4	NNW	2	—	b	*	3	46	35	oxodr	adm	odmbq	0.0				
	Malin Head	1012.2	49	W	5	cmq	1011.7	+2	45	-3	N	3	N	c	4	5	50	44	cmq	cmqb	bc	0.0				
	Blacksod Point	1016.4	50	WSW	5	og	1011.4	-2	51	+5	WSW	5	—	ofr	5	5	51	46	og	ogp	omrof	0.0				
	Valencia (Cahizeveen)	1020.9	50	WNW	2	o	1015.7	-2	51	+16	WNW	3	—	o	3	0.1	52	34	bc.c	c.o	o	1.3				
	Roche's Point	1020.8	46	NE	1	cm	1016.2	*	47	+8	WSW	2	—	o	2	0.2	54	39	c.o.m	om.cm	c.o	0.0				
	Birr Castle	1019.0	46	SW	1	o	1013.1	*	48	+16	SW	1	—	r	*	0.4	49	32	z.o	o	odr	0.0				
	Donaghadee	1015.2	48	SW	3	ogm	1009.6	+1	47	+3	NW	4	—	omp	3	2	50	43	ogm	ogm	ogmpq	0.5				
	Liverpool (Bidston)	1017.5	46	WNW	2	o	1010.6	-2	47	+8	W	4	W	o	4	—	50	39	mo	cm	og	0.2				
	Holyhead	1017.6	49	W	3	cg	1011.6	-3	49	+4	W	5	—	odg	4	1	52	45	cg	cg	codg	0.2				
	Pembroke (St. Ann's)	1019.5	48	N	1	c	1015.0	-2	49	+6	WSW	3	—	o	?	—	54	?	bc.c	c	c.o	4.1				
	Hartland Quay																									
	Scilly (St. Mary's)	1019.4	51	NNE	3	b	1017.7	-1	49	-1	NW	3	NW	c	3	—	54	48	f.b.f	bm.	bc.c	4.0				
	Falmouth	1018.5	48	NNW	3	om	1016.2	-1	44	+3	NNW	2	NW	bc	*	—	56	40	bc.m	cm.om	o.c.bc	5.3				
	Jersey (St. Aubin)	1016.0	55	ENE	4	o	1014.5	*	48	-6	NW	1	—	b	2	—	58	46	o.bc	c.bc.o	bw	4.0				
Portland Bill	1017.5	48	NNE	3	bm	1014.4	-1	50	+1	NW	2	—	c	3	—	55	44	c.bc	bc	bc.c	*					
Dungeness	1016.1	51	NE	3	bc	1012.8	-1	41	-11	NNW	2	NE	c	2	—	55	40	c.	c.bc.	bc.m	*					
Wick	1003.3	47	SSW	4	omp	1004.0	+5	45	+2	NW	5	—	ompq	2	2	48	43	og	omp	bc opq	*					
Nairn	1004.7	48	WSW	2	cg	1007.2	*	44	0	W	3	—	cg	2	2	49	42	cg	c.bc.c	o.bc.p	0.2					
Aberdeen	1007.8	47	S	3	o	1005.9	+1	45	+5	W	4	—	bc	2	1	48	40	ozomp	om.c.o	c.bc.p	0.2					
Leith	1011.2	48	WSW	2	o	1007.5	+1	41	-3	WSW	2	—	b	2	—	51	40	cg.o.c	o	o.cq.b	*					
Tynemouth	1014.0	49	NW	1	om	1007.2	+1	49	+7	NW	3	—	cm	2	1	51	41	om	om	om	*					
Spurn Head	1016.2	48	WSW	2	om	1009.1	-2	46	+1	W	4	—	or	4	3	51	44	cm	c.om	cmor	3.2					
Yarmouth (Gorleston)	1017.2	46	NW	1	bc	1011.0	-3	43	-3	W	2	—	cf	2	—	55	40	bc	bc.m	bc.mf	5.3					
Felixstowe	1018.0	45	NNE	2	bc	1012.5	-2	45	+3	W	3	NW	o	2	*	*	*	bc.m	bc	om	*					
Nottingham	1017.3	44	SW	1	c	1011.1	*	45	+10	WSW	2	SW	adm	*	1	46	34	fm	cugm.	cm	0.0					
Benson (Oxon.)	1017.9	43	—	0	bc	1012.6	-2	41	-2	—	0	—	c	*	—	49	34	c	bc	o.c.m	*					
St. Farnborough	1018.2	43	N	2	cm	1013.8	?	38	-6	NW	1	—	umc	*	trace	53	36	bc.mbcm	bc.c.m	cmfom	5.2					
Salisbury Plain	1018.5	41	NNW	1	b	1014.1	-4	41	-3	SW	1	SW	o	*	—	51	34	—	b	bm.bcm	*					
London (Kew Obs.)	1017.7	46	—	0	om	1013.4	-2	41	-3	WSW	1	—	om	*	—	52	38	bm.bc	bc.om	om.bm	5.1					
NORTHERN EUROPE.	Spitsbergen													*	*			THE BEAUFORT SCALE OF WIND FORCE.								
	Vardö	1010.4	30	N	4	b	1012.2	+0	28	-6	SE	4	—	s	3	*	34	28	Limits of Velocity.							
	Bodö	1007.1	36	E	1	c	1006.4	0	30	-6	E	2	—	b	2	—	37	30	No. Statute miles per hour. Metres per second.							
	Christiansund	1002.9	41	WNW	2	r	994.6	+1	43	+2	NE	2	—	o	2	10	45	39								
	Skudenes	1004.0	46	W	4	r	988.3	-9	45	+2	S	6	—	r	5	9	46	41								
	Færder (Xania Fjord)	1007.4	36	S	2	o	994.0	-7	48	+3	SSW	6	—	r	3	4	?	?								
	The Scaw (Skagen)	1009.7	46	W	2	bc	997.7	-5	46	0	SSW	4	—	r	4	—	52	45								
	Blaavands Huk	1014.1	48	WNW	2	o	1004.0	-1	50	+2	W	5	—	o	*	trace	52	46								
	Copenhagen	1013.2	48	W	2	c	1006.6	-4	48	-2	SW	3	—	o	*	—	50	45								
	Bornholm	1013.0	46	NW	5	b	1006.3	-2	46	-2	WSW	3	—	o	0	—	48	65								
FRANCE, &c.	The Helder	1016.7	48	N	1	b	1009.9	-2	50	0	N	4	W	c	3	—	52	41								
	C. Gris Nez	1015.9	66	NE	3	o	1012.7	-3	50	-2	NNW	1	*	o	—	—	55	46								
	La Hève	1015.1	54	NE	4	b	1014.1	-0	46	-4	—	0	*	o	1	—	59	43								
	Brest (St. Mathieu)	1017.2	55	NE	3	o	1016.2	0	50	-5	N	3	*	m	—	—	57	46								
	Rochefort (Île d'Aix)	1012.4	55	E	4	c	1013.3	0	50	-2	NNW	4	*	m	—	—	66	48								
	Biarritz	1010.7	57	N	2	b	1012.0	+1	59	+9	N	3	*	c	—	trace	64	50								
	Paris	1014.1	48	NNE	2	b	1013.5	+0	45	-1	N	2	—	o	*	—	55	45								
	Belfort	1013.5	48	E	2	r	1012.4	*	48	0	W	2	*	c	*	2	57	46								
	Lyons	1013.2	54	—	0	o	1011.9	*	48	-2	—	0	*	m	*	1	59	46								
	Nice	1013.5	55	—	0	b	1010.0	?	50	-5	—	0	*	r	—	—	63	48								
Perpignan	1009.5	54	—	0	c	1010.0	0	52	0	WNW	2	—	r	*	13	63	48									
Sanguinaire	1013.0	64	S	1	m	1008.7	-5	61	-2	E	3	*	o	—	?	70	55									
IBERIA, &c.	Corunna	1013.3	59	N	3	c	1017.3	+2	54	-3	—	0	—	o	—	trace	63	50								
	Madrid													*												
	Lisbon	1012.8	55	NW	2	b	1012.8	-0	52	?	W	1	—	c	5	1	61	52								
	Azores (Horta)	1022.9	*	NNE	5	bc	1021.5	-0	59	-1	NNW	1	*	c	2	—	64	59								
	„ (P. Delgada)	1019.5	*	NNE	5	m	1019.1	-0	59	-3	NE	1	*	bc	2	—	66	59								
	Madeira	1008.0	61	NE	3	r	1007.3	+0	57	-2	NW	3	N	r	3	2	68	55								
	Gibraltar	1014.5	60	W	3	c	1013.2	*	58	-1	W	3	*	bc	1	12	64	56								
MEDITERRANEAN.	Palma																									
	Algiers		*	*	*	*	1010.4	+3	66	-6	WNW	5	—	b	4	—	73	64								
	Salta		*	*	*	*	1013.0	0	58	-14	—	0	—	c	*	—	71	57								
	Salonica	1016.8	58	SSE	1	b																				
	Athens																									
	Candia																									
	Limassol		*	*	*	*	1013.3	0	70	-2	ENE	6	—	o	6	trace	90	64								
	Alexandria	1013.5	73	N	2	r	1014.1	+2	75	-4	NNE	3	NE	bc	3	—	86	72								
	Cairo (Helwan)	1012.4	70	N	1	o	1014.1	+2	68	-4	—	0	NW	b	*	3	86	61								
	Jerusalem	?	63	ENE	2	o	?	?	63	-1	ESE	2	S	o	*	trace	72	57								
Ramleh	1009.6	75	ENE	1	bc	1013.0	+3	75	+2	r	0	—	bc	—	—	84	66									

\* Information for these columns not usually received.

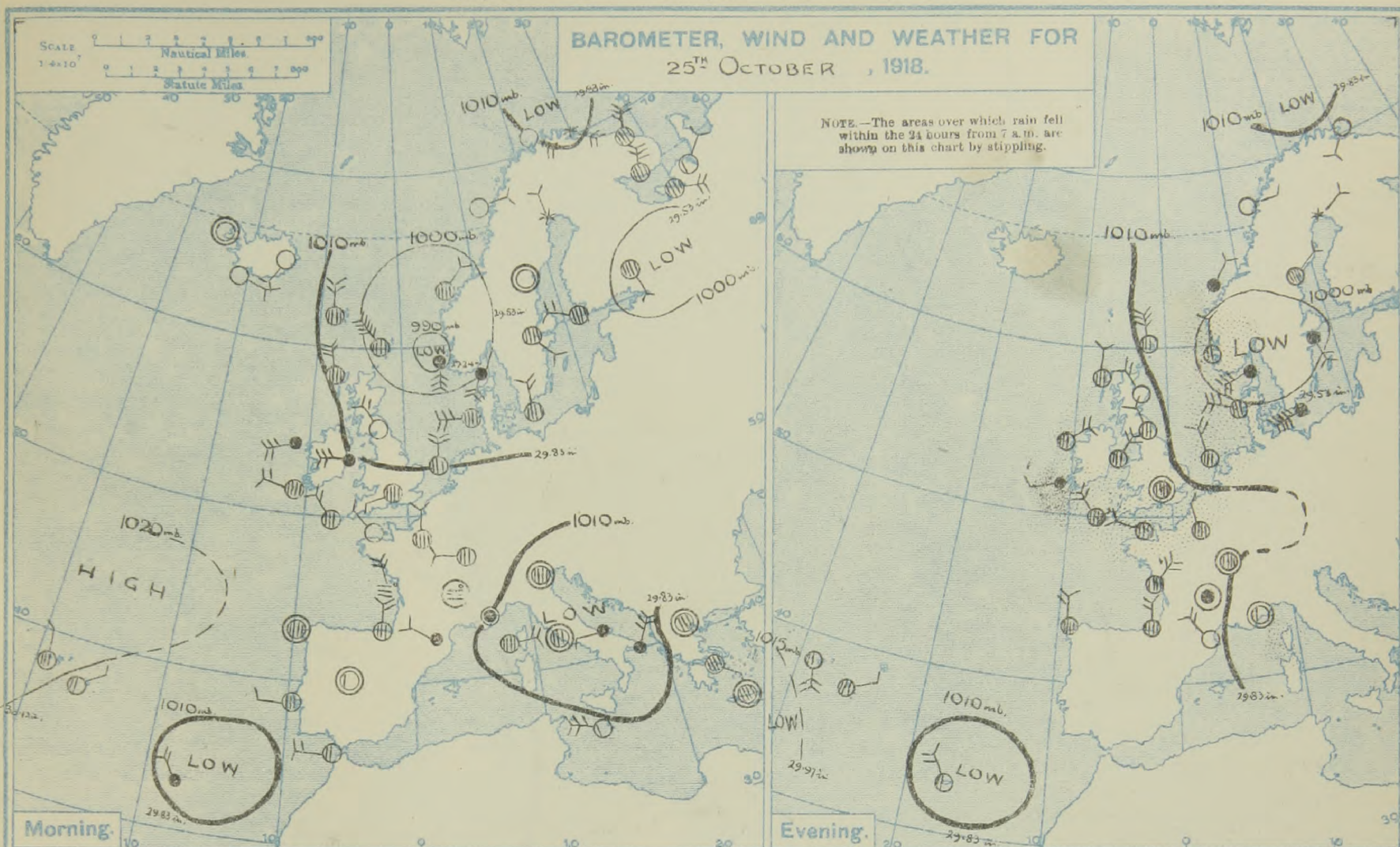
+ Received too late for insertion in Charts

The barometric change is expressed in half-millibars



# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

N20,792 SATURDAY, 26<sup>TH</sup> OCTOBER, 1918.



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

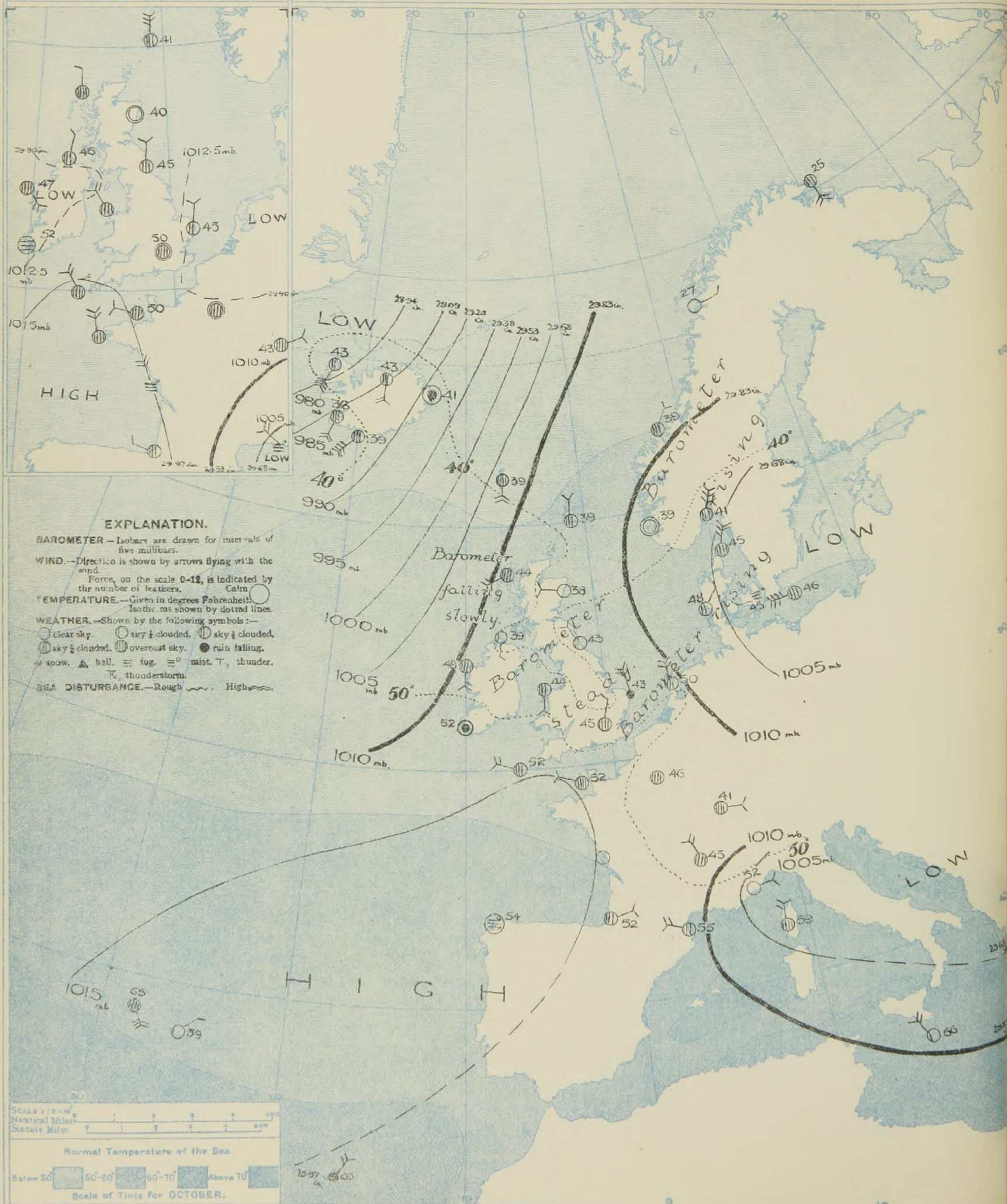
STATIONS.		EVENING OF 24 <sup>th</sup> ...					MORNING OF 25 <sup>th</sup> ...										MORNING OF 25 <sup>th</sup> ...							
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Rain- fall. Milli- metres.	TEMP.		ICELAND.	BAROM. Milli- bars at M.S.L.	TEMP.		WIND.		Weather.		
				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.	Weather.
		F.					1000.7	+1	F.	F.	ENE	4	0	1	F.	F.			F.	F.				
RUSSIA.	Archangel ...						1000.7	+1	32	-2	ENE	4	0	1	*	*	Isafjord ...	1015.9	27	-10	-	0	b	
	Petrograd ...														*	*	Reykjavik	1014.4	30	-7	E	3	bc	
	Moscow ...														*	*	Vestmanna	1014.0	41	+4	E	2	b	
SWEDEN.	Hernösand ...	1006.0	37	-	0	0	1005.5	*	34	-7	-	0	0	*	*	*	Seydisfjord	1016.3	34	-3	sw	2	b	
	Stockholm ...	1008.3	41	w	2	b	1003.8	*	41	-2	SE	2	0	*	*	*	Thorshavn	1008.0	41	-4	N	4	0	
	Wisby ...	1009.5	46	w	2	b	1005.5	*	45	-3	wsW	2	0	*	*	*								
ITALY.	Venice ...	1012.1	57	-	0	b	1008.7	*	54	0	-	0	0	16	59	54	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM							
	Turin ...	1013.8	50	-	0	0	1010.2	*	52	0	-	0	f	9	50	?								
	Pesaro ...							*									26 <sup>th</sup> and 27 <sup>th</sup> Oct. 1918.					Sunrise.	Noon.	Sunset.
	Leghorn ...	1012.6	63	-	0	b	1009.1	*	57	7	-	0	bc	-	66	52			G.M.T.	G.M.T.	G.M.T.			
	Rome ...	?	63	-	0	0	1008.9	*	53	-10	-	0	c	Trace	72	57	Yarmouth ...	...	6.39	11.37	4.35			
	Viesti ...	1010.5	59	SE	1	0	1008.7	*	66	?	w	1	+	13	68	57	Greenwich ...	...	6.41	11.37	4.33			
	Brindisi ...	1011.9	?	SE	3	?	1005.1	*	61	-3	NE	5	+	15	81	54	Wick ...	...	6.44	11.44	4.44			
	Cagliari ...							*									Valencia ...	...	6.46	11.46	4.42			
	Palermo ...							*											7.14	11.56	4.37			
	Tripoli ...							*											7.17	11.56	4.35			
							*											7.26	12.25	5.24				
							*											7.28	12.25	5.22				

LONDON		Humidity.		Sun-shine for 25 <sup>th</sup> Hours.	24 HOURS ENDED 9 h. 26 <sup>th</sup>				WEATHER.		
		25 <sup>th</sup>	26 <sup>th</sup>		Max.	Min.	Min. on Grass.	Rain-fall. mm.	Morning.	Afternoon.	Night.
26 <sup>th</sup> October 9h. G.M.T.											
GREENWICH (Royal Observatory)		81	88	-	51	41	32	0.3	0.6c	6.6c, t	f
CITY (Bunhill Row)		*	*	0.0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)		83	75	0.0	52	45	41	0.3	*	*	*
" (Roof near Charingx)		88	76	0.0	53	45	-	trace	cm	cm	
CAMDEN SQ. (British Rainfall)		80	85	0.0	52	41	37	1	0	0	*
KENSINGTON PALACE		82	80	*	51	44	38	1	0	om	*
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.											
SOUTH KENSINGTON (M.O.)											
Vertical Component of Solar Radiation per square Centimetre during 25 <sup>th</sup> .											
Total.	Average Rate.	Max. Rate.									
Joules.	Milliwatts.	Milliwatts.									
-	-	-									



26<sup>th</sup>, OCT, at 1h. G.M.T.

THE MORNING OF SATURDAY, 26<sup>th</sup> OCTOBER 1918, at 7h. G.M.T.





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

The temperature rose to 50° at most stations, and to 56° at Jersey, but fell to 29° at Nairn and Nottingham during the night. The rainfall was nowhere heavy, 3 mm. at Valencia and Salisbury Plain being the largest totals. Sunshine records were very good at Glasgow and Eskdalemuir amounting to 8 hours, and at Aberdeen to nearly 7. In England and Ireland there was little or none.

## The Conditions at 7h. Today

Pressure has become very uniform over the British Isles. A slight fall of the barometer has begun in the west of Scotland, which suggests that a depression indicated to the south of Iceland yesterday morning will affect our north-west coasts before long. There is a moderate Southerly breeze in the Hebrides, but over the rest of the British Isles the wind is light and indefinite. The weather is fine to dull in Scotland and Ireland, and cloudy over England. There is fog in the south and west of Ireland and at Nottingham, and drizzling rain at Yarmouth, Pembroke and Valencia. The temperature is down to 31° at Nairn and to 30° at Nottingham, but is from 40° to 52° on our south-west coasts.

## The Outlook

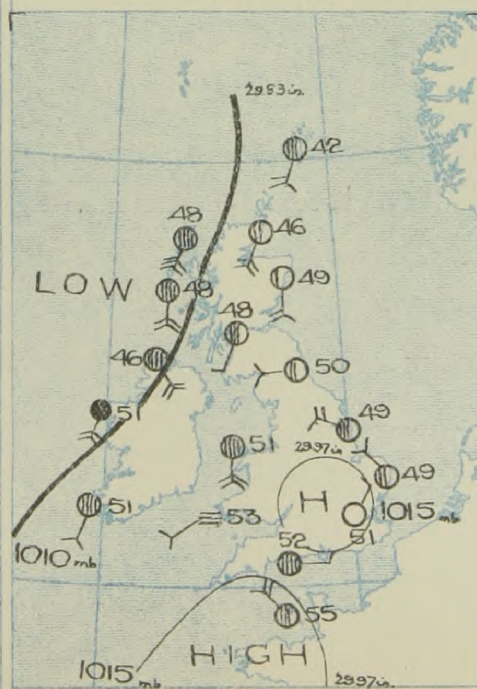
Light to moderate S. or SW. breezes are probable in Scotland and Ireland, weather dull and misty at first, with some rain later in the west.

Over England the wind will be light and indefinite, and the weather fine to dull, with mist or fog inland at night.

H.H.

Saturday, 26th

OCTOBER, 1913, at 12h. (1p.m.) G.M.T.



The depression near Iceland is still causing a slow fall of the barometer in Scotland. The outlook is similar to what it was in the morning.



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. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours.	WIND.	Force 9-12.	Direc. of Upper Cloud.	Weather.	Sea 9-9.	Rain- fall Milli- metres.	TEMP.		WEATHER.			
			Dir.	Force 0-12												Max.	Min.	Morning	Afternoon.	Night.	
Lerwick ...	1009.9	42	N	6	cmg	1013.5	0	39	-4	N	2	NE	c	4	-	47	37	ompg	cmprg	c	
Deerness (Orkney) ...	1011.5	45	NNE	5	c	1012.8	*	41	-5	-	0	W	bc	1	-	48	38	opg	opg	c.bc	0.5
Stornoway ...	1014.0	45	N	2	c	1010.7	-2	44	0	SW	4	-	o	3	0.4	48	42	opbc	bc	o	2.2
Castlebay (Barra Isd.) ...	1013.8	45	N	2	b	1010.5	-1	49	+2	SSE	4	-	o	4	1	49	45	oc.po	oc.opb	bc.o	0.4
Glasgow ...	1012.7	42	NNW	1	b	1014.2	0	38	-2	E	2	S	o	*	-	51	34	bz.bv	bv	bz.co	8.0
Eskdalemuir ...	1012.6	47	-	0	bz	1014.7	0	38	-1	-	0	-	ov	*	-	50	30	b.bv	b.bz	b.bv	8.3
Malin Head ...	1013.7	45	N	2	c	1011.8	-2	39	-6	S	1	S	b	2	-	49	38	co	c	c	0.0
Blacksod Point ...	1012.7	46	ENE	3	c3	1010.5	0	43	-3	S	3	-	of	3	1	52	45	omp	c3	ogmof	
Valencia (Chilivien) ...	1013.3	52	WSW	1	oa	1012.1	+1	52	-1	-	0	-	odm	3	3	53	50	ord	at	bd	0.0
Roche's Point ...	1014.2	50	S	1	o	1013.4	*	50	+3	ESE	1	-	f	1	1	52	47	apo	apo	ofe	
Burr Castle ...	1012.6	53	WSW	1	t	1011.9	*	48	0	SSE	1	-	m	1	1	53	46	odr	odr	odt	0.0
Donaghadee ...	1011.7	48	NW	4	bcg	1013.3	+1	42	-5	SW	2	S	bcm	1	-	51	41	om.bq	bcg	cm.bm	*
Liverpool (Blisdon) ...	1011.8	47	NW	3	bc	1013.7	0	41	-6	SSE	2	-	o	2	?	50	41	d fo	o.bc	co	0.6
Holyhead ...	1012.1	49	NE	4	c	1013.4	0	44	-5	S	2	-	c	1	1	51	42	og.d	og.de	bc.oge	0.0
Penbroke (St. Ann's) ...	1013.7	51	WNW	2	o	1013.8	0	51	+2	-	0	-	or	0	1	51	49	cop	otop	o.opd	0.0
Hartland Quay ...																					
Scilly (St. Mary's) ...	1015.8	51	NW	4	o	1014.7	-1	52	+3	WNW	3	NW	c	3	0.2	53	48	cv	cv.o	omdc	0.0
Falmouth ...	1014.4	51	NW	2	o	1014.5	+1	50	+6	NW	1	-	o	*	2	53	43	bc.c	o	odot	1.3
Jersey (St. Aubin) ...	1013.9	52	NW	2	c	1014.1	*	52	+4	WNW	2	-	oe	2	1	56	47	bc	c.bc	otoc	1.7
Portland Bill ...	1012.4	51	NW	3	c	1013.1	0	50	0	NNW	1	-	c	2	-	53	50	c	c	oc	*
Dungeness ...	1011.5	50	WNW	2	c	1012.8	+1	48	+7	NE	3	NE	bc	2	-	54	40	c	c.c	c.oc	*
Wick ...	1012.1	45	NW	4	cmg	1012.6	0	38	-7	-	0	-	bc	3	1	48	34	ompg	ompc	cmpr	*
Nairn ...	1012.9	45	-	0	cg	1013.0	*	31	-13	-	0	-	bc	1	1	49	29	bc.cg	pcd	c.bx	1.1
Aberdeen ...	1011.4	43	NW	3	b	1013.8	0	38	-7	W	2	-	bz	2	-	49	38	bc.bv	bvq	b.bz	6.7
Leith ...	1011.8	48	N	2	b	1013.3	0	42	+1	NE	1	-	m	1	-	52	40	bv.bc	b	b.bm	*
Tynemouth ...	1011.2	49	NNW	2	cm	1012.8	0	43	-6	NW	2	-	bcm	2	-	51	43	bcm	bcm	bcm	*
Spurn Head ...	1011.2	47	NNE	2	bc	1012.5	0	45	-1	WNW	3	-	em	3	1	52	43	c	c.bc	bcm	2.6
Yarmouth (Gorleston) ...	1009.9	47	WNW	2	o	1012.6	+1	43	0	NNW	3	-	emd	2	-	49	41	com	omd.om	bc.m	0.0
Felixstowe ...	1011.7	49	NNW	2	o	1014.2	+1	42	-3	NW	3	N	c	*	?	-	-	op	od	-	-
Nottingham ...	1011.4	48	NW	2	b	1014.8	*	30	-15	SW	1	-	flex	*	1	52	29	om	ome	b.bc	0.3
Benson (Oxon) ...	1011.9	49	NW	1	o	1013.8	+3	43	-2	-	0	-	o	*	0.4	51	40	o	o	otom	
St. Farnborough ...	1012.3	49	NW	2	o	1014.3	+2	45	+7	ENE	2	-	ome	*	1	53	38	om.to	odo	od.ome	0.0
Salisbury Plain ...	1013.2	48	W	2	o	1014.8	+2	45	+4	N	1	-	o	*	3	51	41	o	do	od.odm	*
London (Kew Obs.) ...	1012.1	50	-	0	om	1014.5	+2	45	+4	NNE	1	-	om	*	trace	51	41	om.ow	o.omp	om.ond	0.0
Spitsbergen ...																		THE BEAUFORT SCALE OF WIND FORCE.			
Vardö ...	1013.6	25	SW	2	b	1014.6	0	25	-3	S	4	-	c	4	-	30	25	Limits of Velocity.			
Bodö ...	1009.0	28	E	1	b	1012.7	+2	27	-3	E	1	-	b	1	-	30	23				
Christiansund ...	1005.3	41	W	3	c	1011.8	+2	39	-4	NE	2	-	c	2	trace	43	39	No.	Statute miles per hour.	Metres per second.	
Skudesnaes ...	997.9	45	N	2	c	1006.7	+8	39	-5	-	0	-	b	1	6	48	37	0	Less than 1	Less than 0.3	
Færder (Kjeller Fjord) ...	991.4	43	N	5	c	1005.2	+7	41	-7	NNE	6	-	o	3	8	48	41	1	1-3	0.3-1.5	
The Sævi (Skagen) ...	990.6	46	SW	5	t	1002.4	+4	45	-1	NNE	5	-	o	5	4	52	45	2	4-7	1.6-8.3	
Blaavands Huk ...	1003.9	50	WNW	5	c	1006.7	+3	48	-2	NE	1	-	bc	2	5	52	46	3	8-12	3.4-5.4	
Copenhagen ...	1001.2	48	WSW	3	b	1001.7	+2	45	-3	W	1	-	m	*	3	48	45	4	13-18	5.6-7.9	
Bornholm ...	1002.7	46	WSW	9	t	1002.1	+2	46	0	W	7	-	c	1	1	50	45	5	19-24	8.0-10.7	
The Helder ...	1008.4	50	NNW	3	bc	1010.6	+1	50	0	NNW	4	-	c	3	6	52	48	6	25-31	10.8-13.8	
C. Gris Nez ...	1011.0	52	W	2	o	1012.8	+2	48	-2	NE	2	*	b	2	-	57	48	7	32-38	13.9-17.1	
La Hève ...	1013.2	50	NNW	3	o	1013.3	+1	50	+4	SSE	2	*	f	trace	50	46	8	39-46	17.2-20.7		
Brest (St. Mathieu) ...	1016.7	52	NW	4	c	1016.3	+1	52	+2	WNW	3	*	o	2	-	55	50	9	47-54	20.8-24.4	
Rochefort (M'de Aix) ...	1013.3	52	NE	4	o							*		*				10	55-63	24.5-28.4	
Biarritz ...	1013.2	57	N	3	o	1014.9	+1	52	-7	ENE	2	*	c	2	-	63	52	11	64-75	28.5-33.5	
Paris ...	1012.8	50	NNW	1	o	1013.9	+2	46	+1	-	0	-	o	*	1	54	45	12	Above 75	33.6 or above	
Belfort ...	1010.0	50	-	0	o	1014.1	*	41	-7	E	2	*	o	*	-	55	41	BEAUFORT NOTATION.			
Lyons ...	1010.6	50	-	0	t	1013.9	+1	45	-3	NW	3	*	o	*	-	61	45				
Nice ...	1006.3	54	-	0	b	1001.7	+1	52	+2	E	2	*	b	2	-	61	50	b	blue sky (not more than a quarter covered).		
Perpignan ...	1010.3	57	NW	3	b	1012.0	+3	55	+3	WNW	3	*	c	3	-	64	52	bc	sky partly cloudy (one half covered).		
Sanguinaire ...	1005.1	?	SE	3	o	1004.7	0	59	-2	N	3	*	o	3	17	64	55	c	generally cloudy (three quarters covered).		
Corunna ...	1016.8	57	N	3	o	1018.4	+2	54	0	-	0	-	m	2	-	63	50	d	drizzle, or fine rain.		
Madrid ...																		e	wet air without rain falling.		
Lisbon ...																		f	fog.		
Azores (Horta) ...	1019.5	*	SE	4	bc	1017.2	-1	65	+6	SE	5	*	o	3	-	72	64	h	hail.		
" (P. Delgada) ...	1019.3	*	ENE	1	c	1019.0	-1	59	0	NE	1	*	b	2	-	68	59	m	mist.		
Madeira ...	1008.4	68	NW	3	bc	1014.3	+3	66	+9	NE	3	N	t	3	?	72	57	rs	overcast sky.		
Gibraltar ...																		p	passing showers.		
Palma ...																		q	squalls.		
Algiers ...		*	*	*	*	1009.7	+1	66	0	NW	3	-	b	1	-	72	66	r	rain.		
Malta ...		*	*	*	*	1004.0	+1	60	+2	SSW	3	-	c	*	26	69	58	rs	sleet, i.e., rain and snow together.		
Salonica ...	1004.7	64	SE	5	o													s	snow.		
Athens ...																		t</			

\* Information for these columns not usually received

+ Received too late for insertion in Charts

- The barometric change is expressed in half-millibars

## THE BEAUFORT SCALE OF WIND FORCE.

Limits of Velocity.

No. Statute miles per hour. Metres per second.

0 Less than 1 Less than 0.3

1 1-3 0.3-1.5

2 4-7 1.6-3.3

3 8-12 3.4-5.4

4 13-18 5.5-7.9

5 19-24 8.0-10.7

6 25-31 10.8-13.8

7 32-38 13.9-17.1

8 39-46 17.2-20.7

9 47-54 20.8-24.4

10 55-63 24.5-28.1

11 64-75 28.2-33.5

12 Above 75 33.6 or above

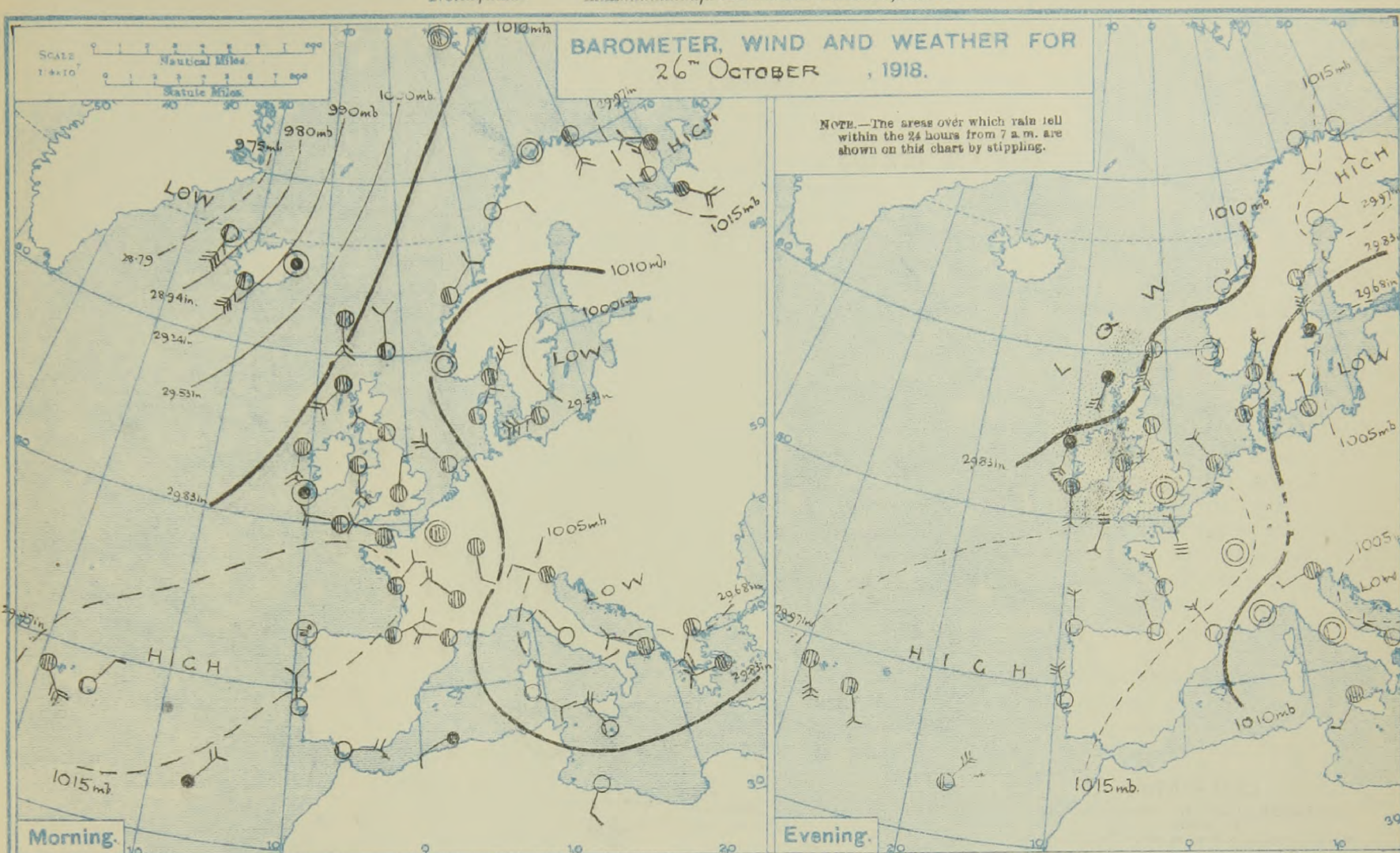
## BEAUFORT NOTATION.&lt;/



# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,793

SUNDAY, 27<sup>th</sup> OCTOBER, 1918.



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

STATIONS.		EVENING OF... 25 <sup>th</sup> .....					MORNING OF... 26 <sup>th</sup> .....										MORNING OF... 26 <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.	Archangel ...					1016.0	+3	21	-11	SE	3	0	-	*	*	Isafjord ...	976.6	43	+16	SSW	7	bc				
	Petrograd ...													*	*	Reykjavik	985.9	36	+6	SSW	4	c				
	Moscow ...													*	*	Vestmanna	988.6	39	-2	SW	7	c				
SWEDEN.	Hernösand ...	1004.6	34	NE	2	0		*					*	*	*	Seydisfjord	991.0	41	+7	-	0	r				
	Stockholm ...	997.6	45	SSE	4	r		*					*	*	*	Thorshavn	1007.4	39	-2	S	4	0				
	Wisby ...	1000.4	45	SW	2	r		*					*	*	*	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM										
ITALY.	Venice ...					1003.9	*	48	-6	NW	1	0	-	64	48	27 <sup>th</sup> and 28 <sup>th</sup> Oct. 1918.							Sunrise.	Noon.	Sunset.	
	Turin ...					1006.1	*	48	-4	-	0	0	-	57	46								G.M.T.	G.M.T.	G.M.T.	
	Pesaro ...	1007.5	50	-	0	f	1005.3	*	55	-	SW	1	0	-	64	50								6.41	11.37	4.33
	Leghorn ...	1005.5	59	-	0	b	1004.9	*	54	-3	-	0	0	-	64	52								6.43	11.37	4.31
	Rome ...	1006.2	61	-	0	bc	1003.7	*	55	+2	N	1	0	1	68	55								6.46	11.44	4.44
	Viesti ...	1005.9	63	NW	1	0	1003.5	*	59	-7	S	1	0	11	68	55								6.48	11.44	4.44
	Brindisi ...	1007.1	61	NW	2	b	1006.6	*	63	+2	NW	2	0	?	64	57								7.17	11.56	4.35
	Cagliari ...					1006.7	*	66	-	ESE	2	b	14	75	55								7.20	11.56	4.35	
	Palermo ...					?	*	66	-	NW	4	c	4	77	61								7.28	12.25	5.22	
	Tripoli ...					1013.0	*	64	-	SSW	1	b		?	59								7.30	12.25	5.20	

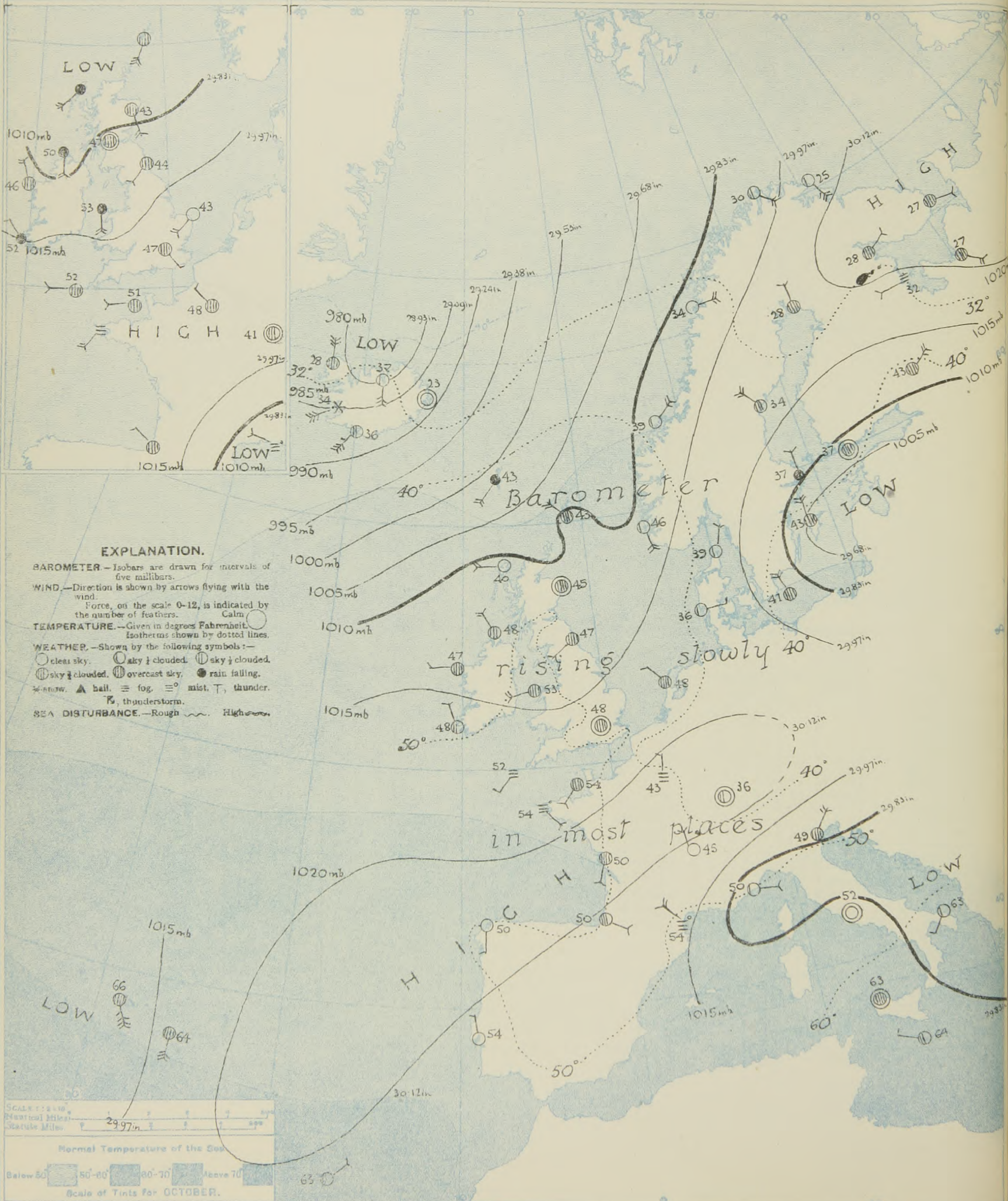
LONDON				24 HOURS ENDED 9 h. 27 <sup>th</sup> .....										SOUTH KENSINGTON (M.O.)		
27 <sup>th</sup> October...9h. G.M.T.				HUMIDITY.		Sun- shine for 26 <sup>th</sup>	TEMPERATURE.			Rain- fall.	WEATHER.			Vertical Component of Solar Radiation per square Centimetre during 26 <sup>th</sup> .....		
				15 h.	9 h.		Max.	Min.	Min. on Grass.		Morning.	Afternoon.	Night.			
				26 <sup>th</sup>	27 <sup>th</sup>	Hours.	°F.	°F.	°F.	mm.				Total.	Average Rate.	Max. Rate.
GREENWICH (Royal Observatory) ..				55	94	6.3	52	36	26	0.2	bc	bc.d	m x	Joules.	Milliwatts.	Milliwatts.
CITY (Bunhill Row) ..				*	*	3.7	*	*	*	*	*	*	*	—	—	—
WESTMINSTER (St. James's Park) ..				79	97	1.3	52	37	34	0.4	*	*	*			
" (Roof near Charing X) ..				78	94	2.9	53	46	—	0.2	bm	bm	bm, sm, m			
CAMDEN SQ. (British Rainfall) ..				63	93	3.9	52	38	35	0.2	bc	bc	*			
KENSINGTON PALACE ..				81	93	*	52	37	29	2	o	o	*			
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.																

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



27<sup>th</sup>, OCT, at 1h. G.M.T.

THE MORNING OF Sunday, 27<sup>th</sup> OCTOBER 1918, at 7h. G.M.T.









SUNDAY,  
27<sup>TH</sup> OCTOBER

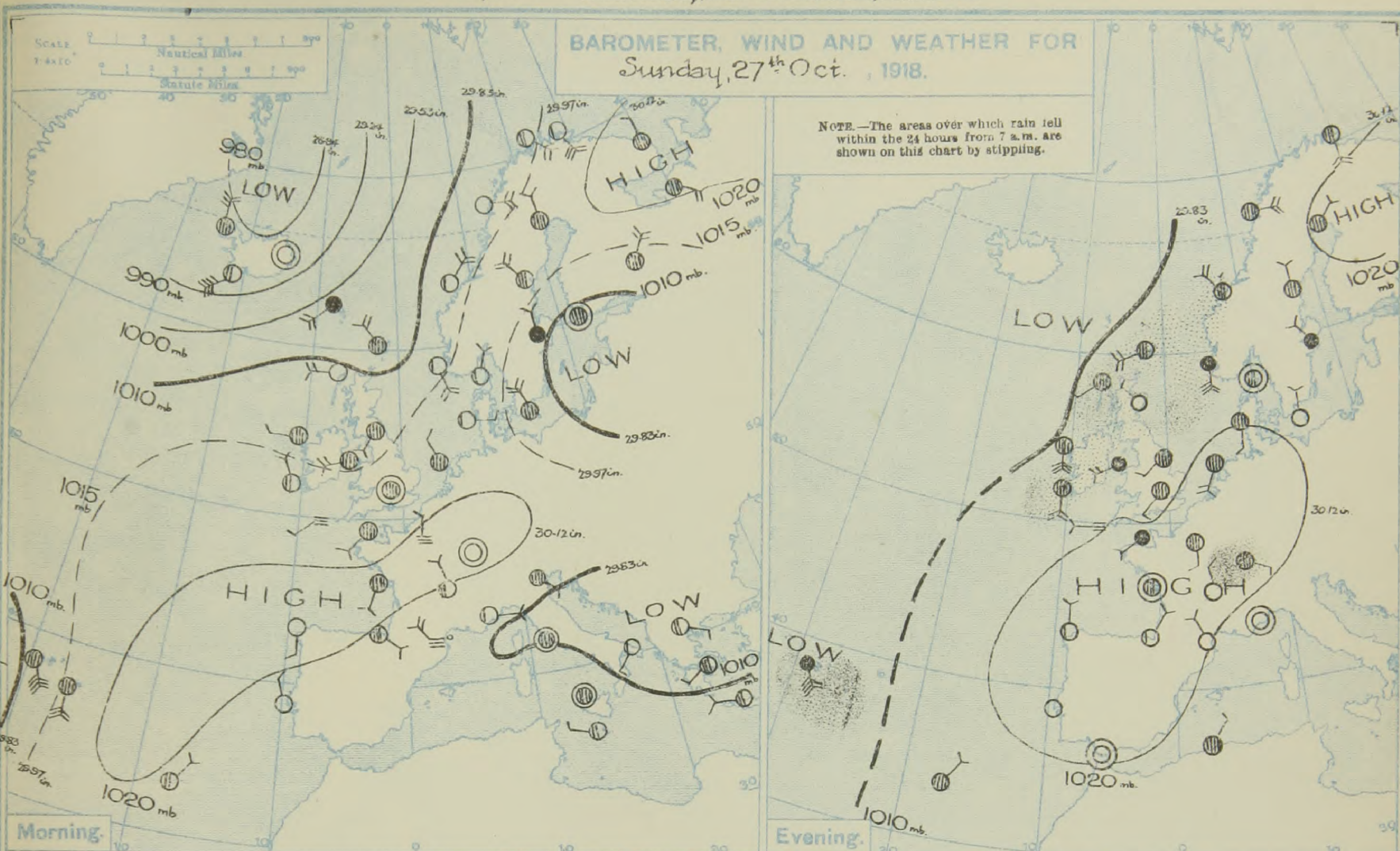


# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20794 Monday, 28<sup>th</sup> October, 1918.

## BAROMETER, WIND AND WEATHER FOR Sunday, 27<sup>th</sup> Oct. 1918.

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



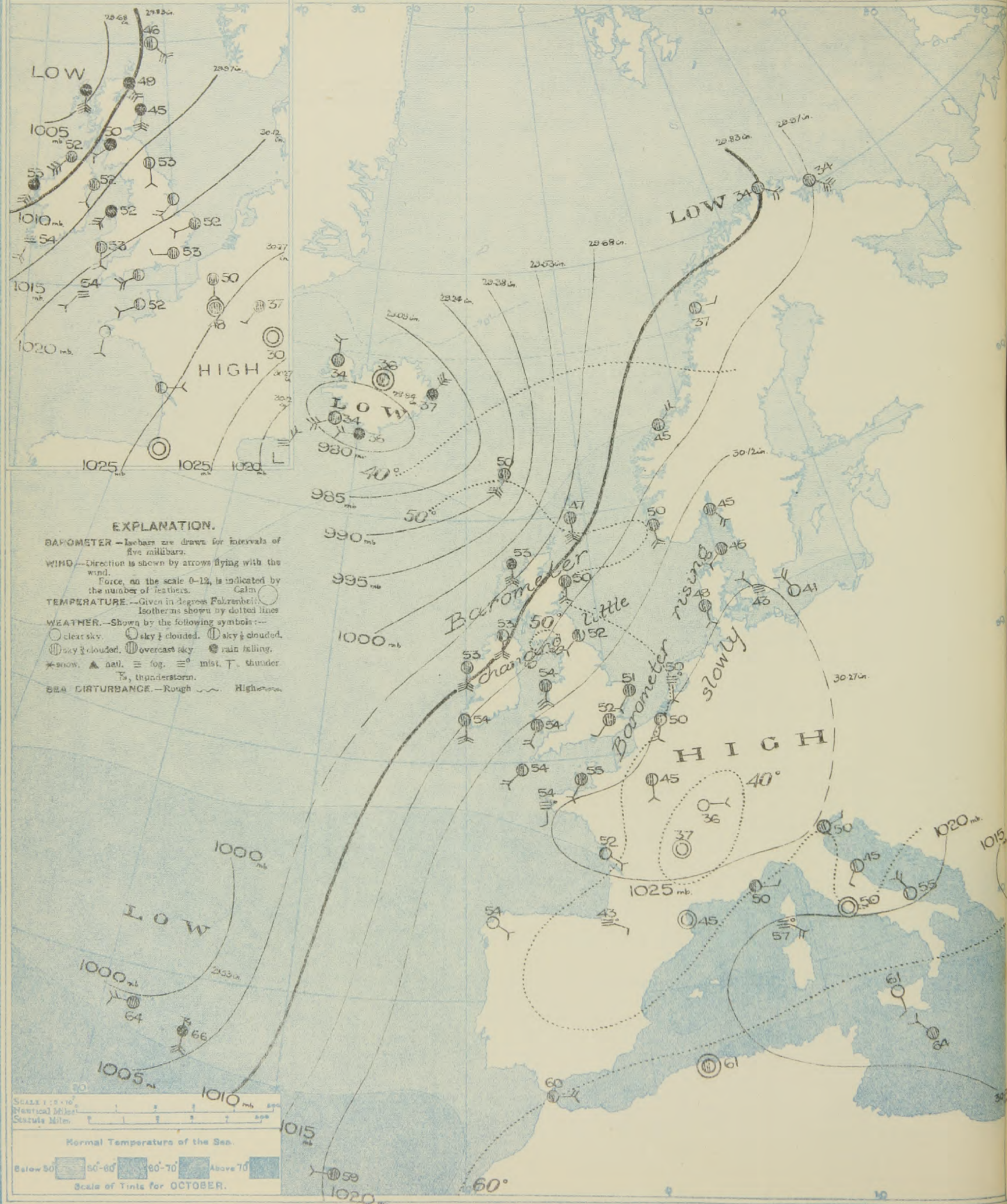
## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 27<sup>TH</sup> OCTOBER.

STATIONS.		EVENING OF 26 <sup>th</sup>					MORNING OF 27 <sup>th</sup>										MORNING OF 27 <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. ° F.	Change in 24 hours.	Direc.	Force 0-12.		Weather.	Max.			Min.	Dry Bulb. ° F.	Change in 24 hours.	Direc.		Force 0-12.	
RUSSIA.	Archangel ...		° F.				1020.2	+2	27	+6	SE	3	0	3	° F.	° F.		Isafjord ...	981.2	28	-15	N	5	0
	Petrograd ...														*	*		Reykjavik	985.3	34	-2	SW	6	5
	Moscow ...														*	*		Vestmanna	928.3	36	-3	SW	7	bc
SWEDEN.	Hernösand ...	1014.0	34	NE	2	0	1017.2	*	34	?	NNW	4	c	*	*	*	Seydisfjord	928.3	36	-3	SW	7	bc	
	Stockholm ...	1005.3	39	N	6	r	1010.7	*	37	?	N	2	r	*	*	*	Thorshavn	987.9	23	-18	—	0	b	
	Wisby ...	1003.9	46	W	2	bc	1003.1	*	43	?	N	4	0	*	*	*		1001.9	43	+2	SW	4	r	
ITALY.	Venice ...	1006.6	54	WSW	1	0	1011.8	*	?	?	SE	2	tlr	6	57	48	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM							
	Turin ...	1006.2	52	—	0	b	1012.7	*	48	0	—	0	b	—	61	45	26 <sup>th</sup> 27 <sup>th</sup> Oct 1918.							
	Pesaro ...	1006.2	52	—	0	b	?	*	54	-1	—	0	c	—	54	45	Sunrise.		Noon.		Sunset.			
	Leghorn ...	1007.9	63	—	0	bc	1009.7	*	57	+3	—	0	bc	—	64	54	G.M.T.		G.M.T.		G.M.T.			
	Rome ...	1006.6	59	—	0	b	1010.7	*	52	-3	—	0	0	—	66	50	Yarmouth ...		Greenwich ...		Wick ...			
	Viesti ...	1005.0	59	NW	1	0		*									Valencia ...							
	Brindisi ...	1005.7	66	NW	2	bc	1008.2	*	63	0	SW	1	b	trace	64	55								
	Cagliari ...							*																
	Palermo ...	1009.7	61	SSW	1	0	1012.3	*	63	-3	—	0	0	—	70	57								
	Tripoli ...							*																

LONDON 28 <sup>th</sup> Oct. 9h. G.M.T.	HUMIDITY.		Sunshine for 27 <sup>th</sup> Hours.	TEMPERATURE.			Rain-fall. mm.	WEATHER.		
	15 h.	9 h.		Max.	Min.	Min. on Grass.		Morning.	Afternoon.	Night.
	27 <sup>th</sup> 27 <sup>th</sup>	28 <sup>th</sup> 28 <sup>th</sup>		°F.	°F.	°F.				
GREENWICH (Royal Observatory) ..	81	38	0.1	60	50	46	0.0	0	0	0
CITY (Bunhill Row) ..	*	*	0.1	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park) ..	85	88	0.7	59	51	45	0.0	*	*	*
" (Roof near Charing X) ..	90	91	0.3	59	52	*	0.0	om	bcm	o.c.o
CAMDEN SQ. (British Rainfall) ..	87	—	0.1	59	51	43	0.0	—	—	*
KENSINGTON PALACE ..	78	90	*	59	51	46	0.0	0	0	*
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.										
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							
—	—		—							



THE MORNING OF MONDAY, 28<sup>TH</sup> OCTOBER 1918, at 7h. G.M.T.





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

Rain fell in nearly all localities but nowhere in large amount. Very little sunshine was registered in England, but from 4½ to 7 hours were enjoyed in Scotland, and about 2 hours in Ireland. Weather continued mild, maximum temperature ranging from 50° to 59°, and minima lying for the most part between 45° and 50°.

## The Conditions at 7h. Today

An extensive low pressure system lies to the west and north-west of the British Isles, centres being located over Iceland and near the Azores. An anticyclone lies over France. A generally South-Westerly current traverses the British Isles, the velocity increasing from a light breeze in the south to a strong wind in the north and north-west. Skies are everywhere nearly or quite overcast, with local showers or rain in the west and north.

## The Outlook

A considerable fall of pressure has occurred at the Azores, but the anticyclone over France shows no indication of breaking up. We may, therefore, anticipate a continuance of South-Westerly winds, with relatively high air temperature. Weather will probably become more unsettled rather than improve.

H.H.

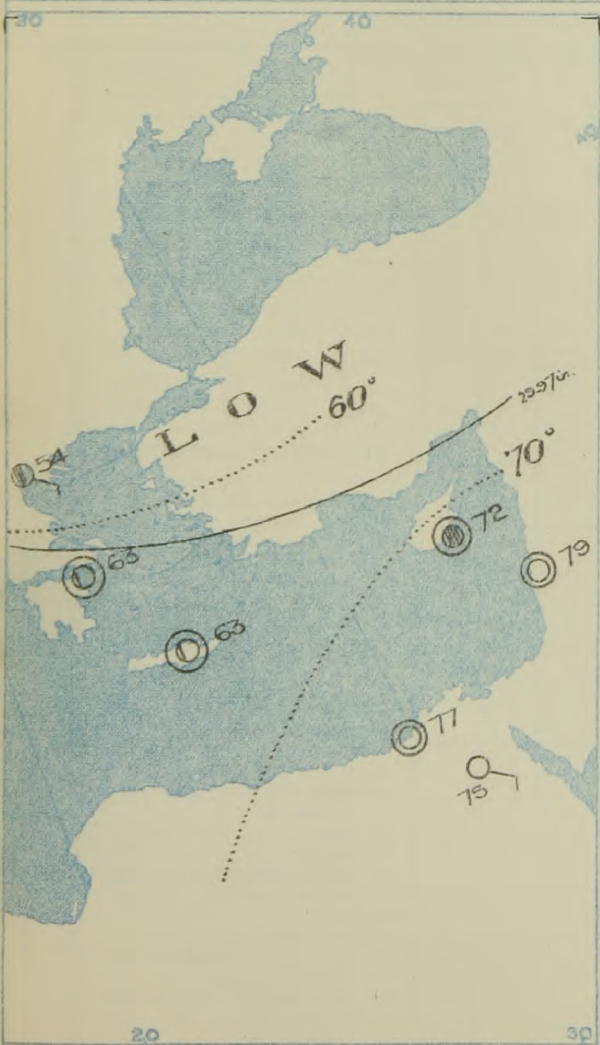
## GALES.

## LERWICK

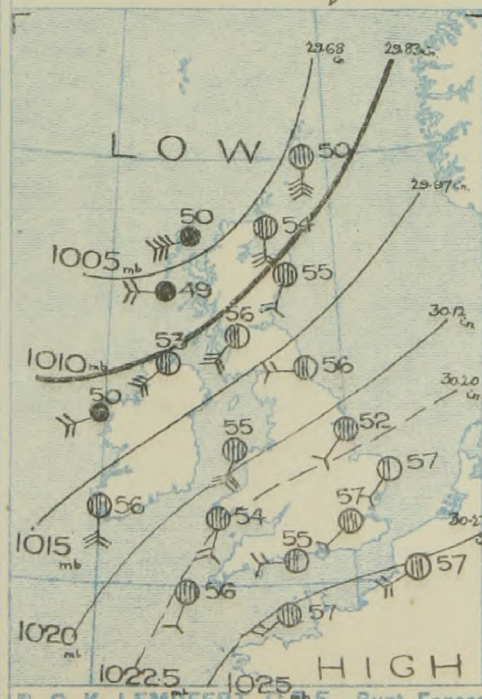
SE. 8 04-06 (28h)

## STORNOWAY.

Squalls S. 8 at 7h (28h)

Monday, 28<sup>th</sup>

OCTOBER, 1918, at 12h. (1p.m.) G.M.T.



The barometer is now rising briskly in North Ireland, where the wind has veered to WSW. and moderated, after having risen to gale force. The depression in the North Sea has moved eastward somewhat.

R. G. K. LEMPFT, C.E., Supt. Forecast Divn.

H.G. LYONS, Col., Director.



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 301.

MONDAY  
28<sup>TH</sup> OCTOBER

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> Hours.	
	Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	TEMP. °F. Dry Bulb.	Change in 24 hours.	WIND. Direc.	Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
			Direc.	Force 0-12.												Max.	Min.	Morning	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick	1013.2	45	WSW	4	cm	1006.3	-2	47	+4	S	7	-	omgp	5	1	47	41	cm	bczcm	omgp	6.8
	Deerness (Orkney)	1012.8	44	S	3	b	1005.7	*	51	+6	S	5	-	or	4	2	51	45	c bc b	b	c or	5.9
	Stornoway	1011.3	48	SW	3	oz	1002.2	+0	53	+13	S	7	-	r	6	3	53	39	b bcq	c oz	orodpq	4.6
	Castlebay (Barraisd.)	1011.5	49	S	4	o	1005.9	0	54	+9	SSW	5	-	o	6	1	54	45	bc	bc o	opo	4.9
	Glasgow	1015.3	46	SSW	2	om	1013.8	0	52	+2	SSW	3	-	ogm	*	1	52	46	ac bc c	c oz	ompom	0.7
	Eskdalemuir	1015.9	47	SSW	2	o	1015.7	0	49	+2	SSW	4	-	odf	*	1	51	45	om ec	c	oodm	2.1
	Malin Head	1012.3	48	SSW	3	cg	1008.5	+1	53	+5	S	5	S	cmq	4	1	54	47	bc	bc	ogp	2.1
	Blacksod Point	1010.2	50	S	6	ogu	1007.9	-1	53	+6	S	7	-	ogmp	6	2	53	46	bc	cg	opcm	*
	Valencia (Cabiriveen)	1015.8	54	S	4	o	1015.3	0	54	+6	S	5	-	o	4	0.2	55	47	bc c	gfo	o bc o	2.1
	Roche's Point	1017.6	51	S	1	o	1018.0	*	52	+2	SW	2	-	om	2	0.3	55	50	af o	ac of o	fom	*
NORTHERN EUROPE.	Birr Castle	1015.4	51	S	1	c	1014.8	*	54	+5	S	2	S	c	*	1	54	47	om c	c o	o c	0.6
	Donaghadee	1015.0	49	SW	1	ogm	1013.1	+1	51	0	SSW	3	SW	egm	3	0.3	52	47	ogm	ogm	ogm	*
	Liverpool (Bidston)	1017.2	52	-	0	o	1018.4	0	52	+2	S	2	SW	c	1	1	55	49	om	od	bc	0.0
	Holyhead	1016.4	53	WSW	3	od	1017.1	0	54	+1	S	5	-	agg	4	1	55	52	ogm	ogd	ogdq	0.0
	Pembroke (St. Ann's)	1018.8	52	S	2	opfd	1020.7	+2	54	+4	SSW	3	-	o	3	1	54	50	o of	of of d	opfd o	0.4
	Hartland Quay																					*
	Scilly (St. Mary's)	1019.6	53	W	2	f	1022.0	+1	54	+2	SW	3	SW	c	2	0.4	55	52	fe	fe	fe c	0.0
	Falmouth	1020.3	53	SSW	1	oef	1022.5	+1	51	0	SW	2	-	bce	*	1	57	51	ac bc v	bc v cm	q ccc	1.6
	Jersey (St. Aubin)	1020.7	55	SW	2	omd	1024.0	*	55	+1	SSW	2	-	o	2	2	58	54	o c o	om d	om d o c	0.3
	Portland Bill	1019.1	54	SW	2	bc	1022.6	+2	55	+1	SSW	3	-	o	2	1	57	52	c bc	bc	cb	*
FRANCE, &c.	Dungeness	1020.1	55	SW	3	c	1023.2	+1	55	+4	SSW	3	SW	c	3	3	57	50	c	c	c bc p c	*
	Wick	1013.2	46	SW	2	bc	1006.0	+0	52	+8	SSW	5	-	ompg	5	1	52	42	omg b	bc	bc o p	*
	Nairn	1013.4	39	-	0	c	1008.0	*	51	+7	-	0	-	cg	1	0.4	51	38	c bc	bc c	cg p	5.7
	Aberdeen	1014.9	41	NW	1	bm	1011.6	0	50	+5	S	3	-	om	3	4	50	40	o	c bc b m	bm o r	0.1
	Leith	1014.8	46	SW	1	bc	1012.4	0	53	+2	SW	2	SW	c	2	trace	54	45	ogc bc	c b bc z	bc p c	*
	Tyne-mouth						1016.0	0	52	+5	SW	2	-	cm	2	-	58	46	em	em	em	*
	Spurn Head	1017.2	52	SW	1	om	1020.6	+2	51	+5	SW	1	-	o	3	-	55	45	om	om	bc o	0.0
	Yarmouth (Gorleston)	1019.0	51	WSW	2	o	1021.9	+2	51	+9	SW	2	-	om	2	-	52	42	bc m o	m o m	om	0.0
	Felixstowe	1020.3	52	SSW	1	om	1023.9	+3	51	+5	S	3	SW	o	*	*	*	*	adm	om	ow	*
	Nottingham	1018.3	54	SW	1	oc	1021.2	*	52	+6	SW	1	SW	o	*	-	56	46	acm	om	oc	0.0
IBERIA, &c.	Benson (Oxon.)	1019.4	52	SW	1	o	1022.4	+2	50	0	SW	2	-	o	*	0.1	59	50	o	o	o	*
	Sth Farnborough	1020.1	55	SSW	3	o	1023.3	+2	51	+1	S	3	-	odm	*	trace	57	46	om o	om o	ob o dm	0.2
	Salisbury Plain	1019.9	53	SW	2	o	1023.1	+3	49	0	SW	1	SW	od	*	-	57	48	o	od o c o	od	*
	London (Kew Obs.)	1020.0	55	SW	1	m	1023.7	+3	52	+4	SW	1	-	om	*	0.1	55	50	om b c o	o o m	om b m o m	0.5
	Spitsbergen												*	*	*							
	Vardö	1018.7	30	S	4	c	1015.0	+0	34	+9	SE	6	-	o	4	*	30	25				
	Bodö	1012.0	37	E	4	o	1013.7	+1	37	+3	E	1	-	bc	1	*	37	30				
	Christiansund	1012.7	46	WNW	3	c	1012.7	+2	45	+6	ENE	3	-	c	2	trace	46	36				
	Skudesnaes	1015.4	46	S	5	r	1017.5	+3	50	+4	S	4	-	o	4	2	48	37				
	Færder (Xenia Fjord)	1019.5	41	SSE	1	o	1022.0	+1	45	+9	SSE	3	-	o	2	1	41	36				
MEDITERRANEAN.	The Scaaw (Skagen)	1018.9	43	-	0	c	1021.6	+2	45	+6	SW	2	-	o	2	1	45	39				
	Blaavands Huk	1020.0	46	S	1	o	1022.3	+1	48	+12	S	2	-	o	*	1	50	34				
	Copenhagen	1019.9	39	NNW	2	b	1025.1	+3	43	+4	NNW	2	-	f	*	-	46	39				
	Bornholm	1017.6	46	NNW	3	bc	1023.8	+3	41	0	NNW	3	-	b	1	-	43	37				
	The Helder	1020.3	52	SSW	3	o	1023.5	+2	50	+2	S	2	-	m	1	trace	54	46				
	C. Gris Nez	1020.6	55	SW	2	c	1023.9	+2	52	+6	ESE	3	*	bc	2	?	55	45				
	La Hève	1021.6	54	-	0	o	1024.0	*	52	+4	SSW	4	*	o	*	?	57	48				
	Brest (St. Mathieu)	1021.5	54	SSW	2	f	1024.8	+2	54	0	S	1	*	m	1	1	55	52				
	Roche fort (Ile d'Aix)	1023.0	55	-	0	c	1025.3	+0	52	+2	SE	2	*	b	*	-	63	50				
	Biarritz	1022.1	55	NNE	2	b	1024.2	+1	43	-7	ESE	1	*	m	1	-	64	43				
	Paris	1023.3	50	S	1	o	1026.6	+3	45	+2	S	2	-	c	*	-	55	41				
	Belfort	1024.6	36	-	0	bc	1029.6	*	36	0	E	2	*	b	*	3	50	32				
	Lyons	1023.0	45	NNW	1	b	1027.4	+2	37	-8	-	0	*	b	*	-	55	34				
	Nice	1016.8	55	-	0	b	1023.3	+3	50	0	E	1	*	c	2	-	64	48				
	Perpignan	1020.2	59	NW	2	b	1023.9	+2	45	-9	-	0	*	b	*	-	63	43				
	Sanguinaire						1019.8	*	57	-4	SE	3	*	m	*	-	68	54				
	Corunna	1022.4	57	N	2	b	1023.4	+2	54	+4	SE	2	-	b	2	-	59	46				
	Madrid														*							
	Lisbon														*							
	Azores (Horta)	1019.8	*	SE	7	r	1000.3	+1	64	-2	W	3	*	o	-	15	72	64				
	" (P. Delgada)	1010.7	*	S	5	m	1004.8	-1	66	+2	S	5	*	o	7	6	70	46				
	Madeira	1019.3	68	NE	2	o	1020.8	-0	59	-4	W	2	-	o	2	-	72	59				
	Gibraltar	1020.0	60	-	0	b	1022.0	*	60	?	E	3	*	c	2	-	70	51				
	Palma														*							
	Algiers	1017.9	63	NE	1	o	1021.9	+1	61	?	-	0	N	c	2	1	64	57				
	Malta		*	*	*	*	1019.3	+4	64	0	NW	2	-	o	1	-	72	61				

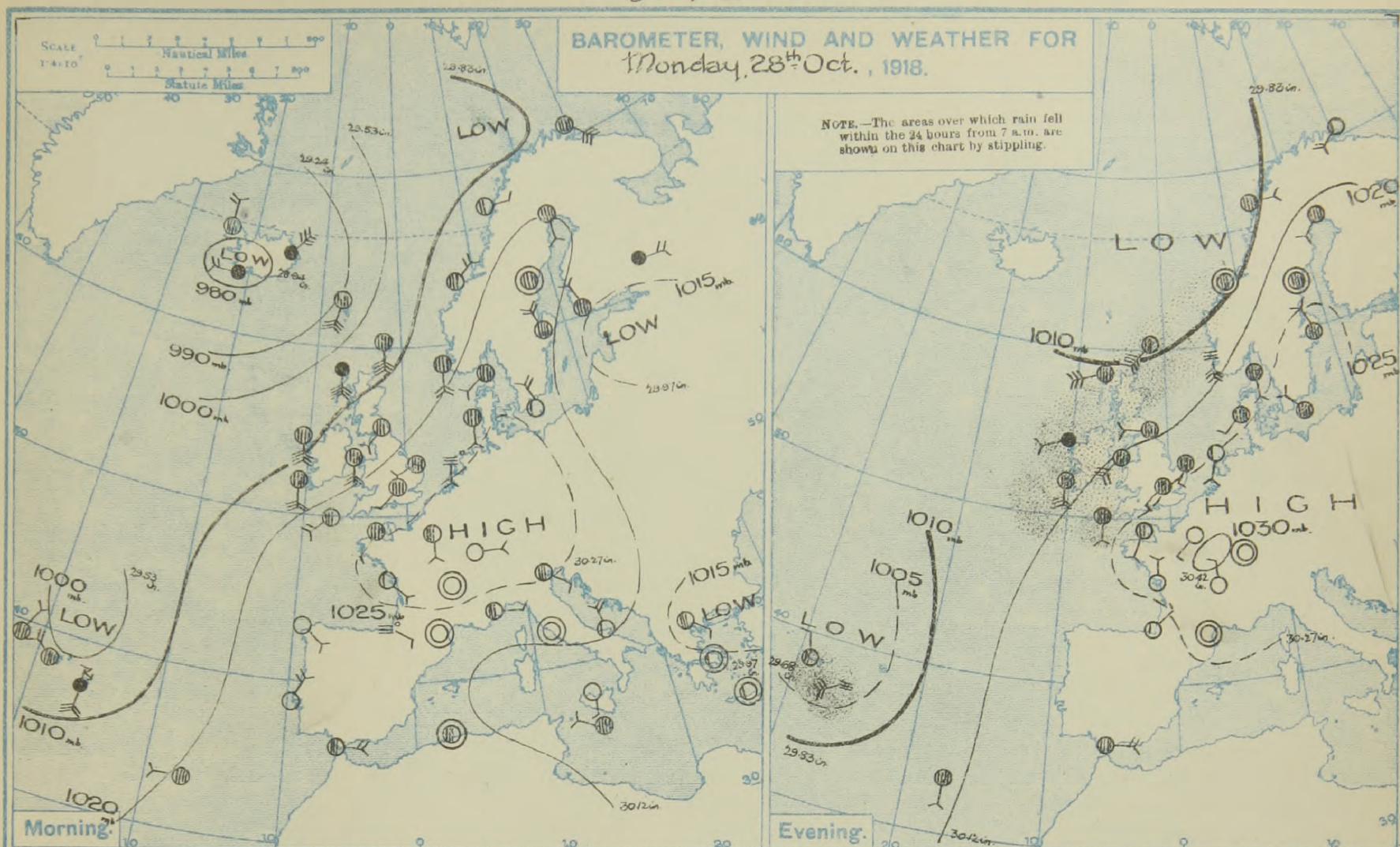
## THE BEAUFORT SCALE OF WIND FORCE.

||
||
||



# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20795. Tuesday, 29<sup>th</sup> October 1918.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 28<sup>TH</sup> OCTOBER.

STATIONS.		EVENING OF 27 <sup>TH</sup>					MORNING OF 28 <sup>TH</sup>										MORNING OF 28 <sup>TH</sup>							
		Barom. Milli- bars at M.S.L.	Temp.	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.	Change in 24 hours.	Dirac.	Force 0-12.		Weather.	Max.			Min.	Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.	Weather.	
		° F.					Milli- bars at M.S.L.	Change in 3 hours.	° F.	° F.				° F.	° F.			° F.	° F.					
RUSSIA.	Archangel ...						1028.2	0	25		SE	3	0	—	*	*	Isafjord ...	982.9	34	+6	N	3	0	
	Petrograd ...																	Reykjavik	979.9	34	0	WSW	5	0
	Moscow ...																	Vestmanna	979.4	36	0	W	3	γ
SWEDEN.	Hernösand ...	1019.3	34	N	2	0	1021.6	*	32	-2	—	0	0	*	*	*	Seydisfjord	983.0	37	+14	NE	6	γ	
	Stockholm ...	1012.8	41	NW	2	γ	1021.0	*	39	+2	NNW	4	0	*	*	*		Thorshavn	989.4	50	+7	SSW	6	0
	Wisby ...	1013.7	43	NW	6	0	1019.4	*	43	0	N	6	0	*	*	*		TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM						
ITALY.	Venice ...	1019.3	50	NW	1	b	1024.2	*	50	?	ENE	1	c	trace	57	46	29 <sup>TH</sup> and 30 <sup>TH</sup> OCT. 1918.	Sunrise.	Noon.	Sunset.				
	Turin ...	1017.8	50	—	0	bc	1025.4	*	46	-2	—	0	0	—	59	45					G.M.T.	G.M.T.	G.M.T.	
	Pesaro ...	1018.7	55	NE	3	b	1024.5	*	45	-9	SW	1	bc	13	57	41					6.44	11.37	4.30	
	Leghorn ...	1015.8	55	NE	1	b	1022.5	*	52	-5	—	0	bc	—	59	48					6.46	11.37	4.28	
	Rome ...	1014.7	54	N	2	b	1020.6	*	50	-2	—	0	b	trace	64	48					6.49	11.44	4.39	
	Viesti ...	1014.1	55	SW	3	0	1021.0	*	55	?	NNW	3	b	2	64	50					6.51	11.44	4.37	
	Brindisi ...							*													7.22	11.56	4.30	
	Cagliari ...							*													7.25	11.56	4.27	
	Palermo ...	1014.1	63	ENE	1	0	1018.6	*	61	-2	S	1	b	—	72	54					7.31	12.25	5.19	
Tripoli ...							*										7.33	12.25	5.17					

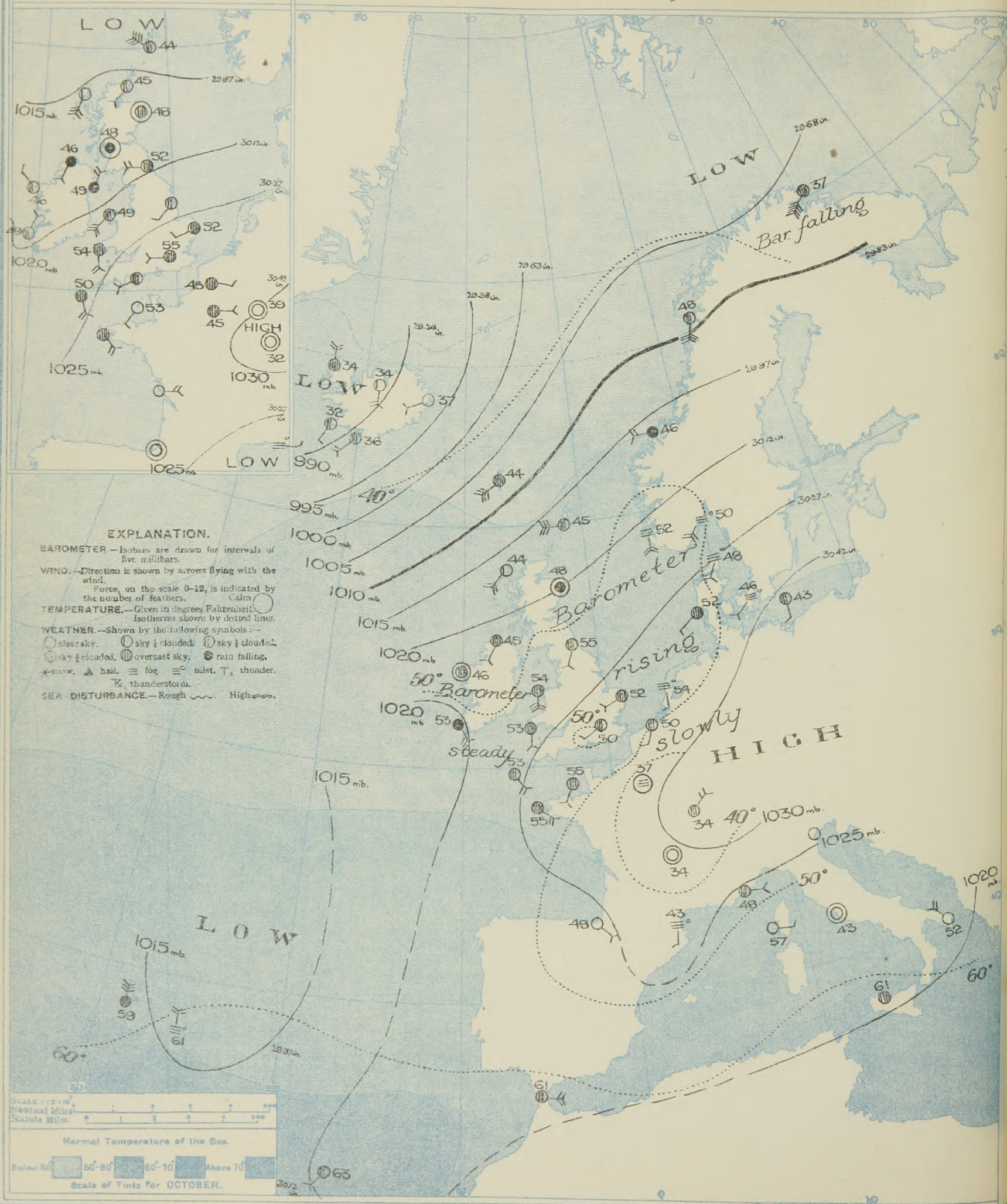
LONDON  29 <sup>TH</sup> OCTOBER 9h. G.M.T.			HUMIDITY.		Sun- shine for 28 <sup>TH</sup> 29 <sup>TH</sup> 28 <sup>TH</sup>	24 HOURS ENDED 9 h.. 29 <sup>TH</sup> .....							SOUTH KENSINGTON (M.O.)  Vertical Component of Solar Radiation per square Centimetre during 28 <sup>TH</sup> .....			
			15 h.	9 h.		TEMPERATURE.			Rain- fall.	WEATHER.						
						Max.	Min.	Min. on Grass.		Morning.	Afternoon.	Night.				
GREENWICH (Royal Observatory) .. ..	%	%	Hours.	* F.	* F.	* F.	mm.									
	84	84	0.5	58	50	45	0.0	o	ocd	od						
CITY (Bunhill Row) .. .. .	*	*	0.3	*	*	*	*	*	*	*						
WESTMINSTER (St. James's Park) .. ..	-	-	0.6	58	51	47	0.0	*	*	*						
„ (Roof near Charing X) .. ..	83	86	0.6	59	52	*	0.0	om	bc.c	om.						
CAMDEN SQ. (British Rainfall) .. .. .	81	80	0.0	57	51	45	0.0	o	o	*						
KENSINGTON PALACE .. .. .	80	97	*	58	51	46		o	o	*						
NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.																

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



29<sup>th</sup>, OCT, at 1h. G.M.T.

THE MORNING OF TUESDAY, 29<sup>th</sup> OCTOBER 1918, at 7h. G.M.T.





STRICTLY CONFIDENTIAL.

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

Dull weather prevailed generally, Yarmouth and Clacton (2.3 hours in each case) being the only stations to register more than 1 hour of sunshine. Small amounts of rain fell in the north and west. Weather continued mild for the season, the maximum temperature reaching 60° at Leith.

## The Conditions at 7h. Today

A large anticyclone in which pressure exceeds 1030 mb. lies over France, extending eastward over the Central Empires. Low pressure systems lie over the Iceland region and to eastward of the Azores. The latter is moving eastward. Winds continue from between S. and SW. over the British Isles generally, but a backing to SE. is to be observed in the south-west. Except in the Irish Sea and to northward of Scotland the wind force does not exceed a light breeze. Weather remains cloudy or dull, and drizzling rain is falling in Southern Scotland and parts of Ireland.

## The Outlook

Beyond a backing of the wind to SSE. at Valencia and Scilly the depression in the south-west has not yet affected these Islands, but its influence will probably become manifest very shortly. Generally unsettled weather, with rain or drizzle, is probable over the whole area.

H. H.

LERWICK

S.B. 15-16 h. (28 h.)

STORNOWAY

Squalls WSW. 8. 13h.

BLACKSOD PT

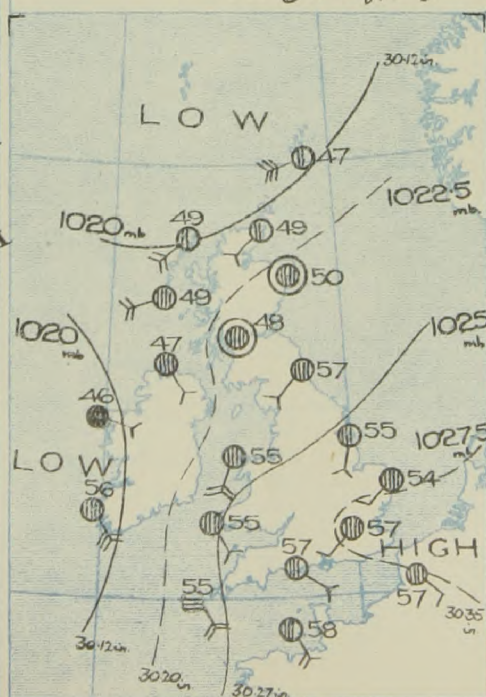
S.B. 8-12 h. (28 h.)

LOUGH FOYLEExtreme SWW. 9 at 13h.  
Gale SW. 8. 13-14 h.  
(28 h.)

## GALES.

Tuesday, 29<sup>th</sup>

OCTOBER, 1918, at 12h. (1 p.m.) G.M.T.



The barometer is now falling decidedly in the west of Ireland. This morning's inference is confirmed.



STATIONS.		EVENING OF 28 <sup>th</sup> .....				MORNING OF 29 <sup>th</sup> .....										24 HOURS ENDED 7 h. 29 <sup>th</sup> .....						Sun- shine for 28 <sup>th</sup> Hours.
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	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	1008.4	49	SW	7	cmqb	1016.3	+2	45	-2	W	6	W	cm	4	2	51	42	omg	omg	cm	0.0
	Deerness (Orkney)	1009.8	49	SW	4	oe	1018.6	*	43	-8	SW	2	SW	bc	2	3	53	42	oro	oro	cc. bc	0.0
	Stornoway	1010.4	48	WSW	6	opq	1017.6	+2	44	-9	SW	4	-	b	3	2	54	41	opq	og	bc. b	0.0
	Castlebay (Barra Isd.)	1013.0	49	WNW	4	o	1019.9	+2	48	-6	WSW	4	SW	bc	4	1	54	47	or	ro	cc. bc	0.0
	Glasgow	1014.2	55	SSW	5	oz	1021.3	+2	45	-7	WSW	1	-	omg	*	4	56	45	ocm	omg	omp	0.2
	Esksdalemuir	1017.5	51	SSW	6	omcg	1021.0	+2	51	-2	SSW	6	-	odm	*	7	52	49	odfom	odm. om	ormod	0.0
	Malin Head	1014.8	48	WSW	3	omr	1020.2	+2	45	-3	SSW	2	-	om	*	7	50	45	cmg	omr	om	0.0
	Blacksod Point	1016.6	47	WSW	2	omr	1020.4	+1	46	-7	-	0	-	omg	2	4	55	45	omr	omr	cmfog	0.0
	Valencia (Cahirveen)	1017.3	55	S	5	o	1019.7	0	53	-1	SSE	3	-	od	3	3	56	48	o	o	dod	0.0
	Roche's Point	1020.2	52	SSW	4	o	1022.0	*	52	0	S	2	-	o	-	0.2	53	49	om	om	omo	0.4
NORTHERN EUROPE.	Birr Castle	1016.6	56	S	2	c	1021.3	*	47	-7	N	1	-	r	*	2	57	47	c	c	orom	0.4
	Donaghadee	1014.4	55	SW	4	omg	1020.8	+3	48	-3	-	0	-	ofd	0	3	57	48	cgomg	omg	omdg	0.2
	Liverpool (Bidston)	1021.5	54	SW	2	o	1023.4	+1	52	0	S	1	-	bc	1	-	57	51	bc. c	o	bc	0.2
	Holyhead	1020.5	54	SW	5	ogq	1022.3	0	54	0	S	5	S	og	4	0.1	56	49	ogq	ogdg	cgog	0.0
	Penbroke (St. Ann's)	1023.6	54	SSW	3	op	1024.5	0	53	-1	S	2	-	o	3	1	55	52	o	ogop	o. op	0.0
	Hartland Quay																					
	Scilly (St. Mary's)	1024.1	54	S	2	o	1024.8	0	53	-1	SSE	3	S	c	3	1	56	50	c. o	o	opc	0.0
	Falmouth	1025.2	54	SSW	2	o	1025.5	0	53	+2	SW	1	-	ce	*	1	56	51	oe. o	o	oeod	0.0
	Jersey (St. Aubin)	1025.7	56	SSW	2	bc	1026.6	*	55	0	SSW	2	-	oe	1	0.4	59	52	oe. c. o	o. bc.	omdac	0.5
	Portland Bill	1023.8	55	WSW	3	c	1026.3	0	55	0	E	2	-	c	2	1	56	53	cpd	c	cpd	0.0
FRANCE &c.	Dungeness	1025.4	55	SW	3	c	1027.1	0	53	-2	W	1	W	c	1	1	57	52	cpc	c	cpc	0.0
	Wick	1011.1	50	SW	3	omp	1019.2	+3	41	-11	W	2	-	c	2	2	55	39	ompg	omgrp	ompx	0.0
	Nairn	1014.4	51	SW	1	dgo	1019.7	*	42	-9	-	0	-	cg	1	2	59	41	qcg	cgdo	dgo	0.4
	Aberdeen	1013.6	56	SSW	3	om	1020.0	+2	48	-2	-	0	-	op	2	0.4	56	48	omg	omg. cm	omr	0.0
	Leith	1014.5	56	SW	4	o	1019.9	+1	48	-5	SW	1	-	odm	2	3	60	48	cb. c. o	ogc. o	ogand	0.0
	Tynemouth	1017.8	56	W	2	om	1021.7	+1	55	+3	SSW	2	-	cm	2	-	57	52	cm	om	omg. cm	0.0
	Spurn Head	1022.0	54	SW	1	c	1025.0	0	51	0	SSW	2	-	cm	3	-	55	50	o	o. c	o. c	0.0
	Yarmouth (Gorleston)	1023.0	53	SW	1	om	1026.2	+2	52	+1	WSW	2	-	om	2	-	59	50	om. bc	bc. om	om	2.3
	Clacton-on-Sea	1025.7	52	S	3	bc	1027.0	+1	52	+1	W	1	-	oge	2	-	?	52	om	om	cage	2.3
	Nottingham	1022.8	55	SW	2	o	1025.6	*	52	0	SSW	1	SW	o	*	-	57	52	o. c	o	o	0.0
IBERIA, &c.	Benson (Oxon.)	1024.7	54	SW	1	o	1026.1	+1	50	0	-	0	-	o	*	-	55	50	o	o	o	0.0
	Sth Farnborough	1025.2	54	SW	3	o	1027.6	0	45	-6	WSW	2	W	cm	*	-	58	45	odm. om	acodo	akeem	0.3
	Salisbury Plain	1025.3	54	SW	2	o	1027.3	+1	48	-1	S	1	SW	c	*	0.1	55	47	o	odo	o. c	0.0
	London (Kew Obsy.)	1025.2	56	SW	1	om	1027.5	0	50	-2	WSW	1	W	cm	*	trace	57	50	om. om. d. om	o. om	omo. cm	0.8
	Spitsbergen																					
	Vardø	1015.7	32	SW	3	b	1006.4	-5	37	+3	SW	9	-	o	8	*	37	25				
	Bodø	1008.3	45	E	2	o	1009.0	+2	48	+11	SSW	6	-	c	4	?	45	36				
	Christiansund	1009.5	54	-	0	c	1016.4	+2	46	+1	W	3	-	r	2	6	54	45				
	Skudesnaes	1018.3	52	S	6	f	1020.2	+1	52	+2	S	4	-	f	4	1	52	50				
	Færder (X'ania Fjord)	1022.6	48	SSW	4	o	1022.7	0	50	+5	SSW	4	-	m	3	-	50	45				
MEDITERRANEAN.	The Scaw (Skagen)	1023.5	48	S	2	o	1025.0	+1	48	+3	SSW	3	-	m	3	-	50	45				
	Blaavands Huk	1024.8	52	SW	1	o	1027.0	+2	52	+4	WSW	1	-	o	*	-	54	48				
	Copenhagen	1027.0	43	-	0	m	1029.2	+1	46	+3	SW	2	-	m	*	-	48	43				
	Bornholm	1027.0	48	NW	2	o	1030.1	+1	43	+2	S	1	-	c	0	-	48	39				
	The Helder	1025.3	52	SSW	2	b	1027.7	+1	54	+4	S	1	-	m	0	-	55	50				
	C. Gris Nez	1025.7	54	SSW	2	c	1027.3	0	54	+2	SSW	1	*	m	*	-	57	45				
	La Hève	1026.0	54	-	0	bc	1027.3	0	52	0	-	0	*	m	0	-	59	48				
	Brest (St. Mathieu)	1026.4	55	S	2	o	1026.7		55	+1	SE	3	*	o		trace	59	54				
	Rochefort (Ile d'Aix)	1026.6	55	N	2	b																
	Biarritz	1023.8	57	NE	1	b	1024.0	-1	48	+5	ESE	2	*	b	*	-	63	43				
MEDITERRANEAN.	Paris	1027.4	50	-	0	b	1029.7	+1	37	-8	-	0		f	*	-	61	37				
	Belfort	1029.7	37	-	0	b	1031.7	*	34	-2	ENE	4	*	c	*	-	50	32				
	Lyons	1028.4	43	-	0	b	1029.2	*	34	-3	-	0	*	b	*	-	54	32				
	Nice						1024.6	+0	48	-2	E	2	*	c	*	-	63	48				
	Perpignan	1025.2	48	-	0	b	1026.3	0	43	-2	S	1		m	*	-	64	39				
	Sanguinaire	1023.0	63	W	2	b	1022.3	+4	57	0	E	1	*	b	2	-	72	48				
	Corunna																					
	Madrid																					
	Lisbon																					
	Azores (Horta)	1002.4	*	NNW	1	bc	1017.9	+5	59	-5	N	6	*	r	5	3	72	59				
MEDITERRANEAN.	" (P. Delgada)	1002.0	*	SW	5	f	1012.6	+5	62	-4	N	4	*	m	3	1	70	62				
	Madeira	1019.4	68	S	2	o	1020.7	0	63	+4	SW	2	N	bc	2	-	70	59				
	Gibraltar	1024.0	62	E	3	o	1023.7	*	61	+1	E	4	*	c	2	-	66	59				
	Palma																					
	Algiers																					
	Malta																					
	Salonica																					
	Athens																					

\* Information for these columns not usually received.

† Received too late for insertion in Charts

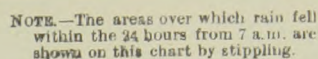
‡ The barometric change is expressed in half-millibars

## BEAUFORT NOTATION.

b blue



No. 20796. Wednesday, 30<sup>th</sup> October, 1918.



		EVENING OF... <u>28<sup>TH</sup></u> .....						MORNING OF... <u>29<sup>TH</sup></u> .....									MORNING OF... <u>29<sup>TH</sup></u> .....							
STATIONS.		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.			Weather.		
				Dirac.	Force 0-12.	Weather.	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.
RUSSIA.	Archangel ...															Isafjord ...	988·6	34	0	N	4	o		
	Petrograd ...													*		Reykjavik	987·9	32	-2	SSW	1	b c		
	Moscow ...													*		Vestmanna	990·3	36	0	SW	3	c		
SWEDEN.	Hernösand ...	1025·5	34	-	0	o	1027·3	*	41	+9	S	2	o	*	*	Seydisfjord	993·5	37	0	WSW	2	b		
	Stockholm ...	1022·4	34	NNW	2	o	1019·5	*	36	-3	S	2	b	*	*	Thorshavn	1006·7	44	-6	SW	6	o		
	Wisby ...	1025·6	41	N	4	o	1028·0	*	41	-2	SW	2	b	*	*	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.								
ITALY.	Venice ...	1025·8	52	WSW	1	b	10257	*	48	-2	E	1	o	-	59	46								
	Turin ...	1026·6	46	-	0	o	10271	*	?	?	-	0	?	-	59	46	<u>30<sup>TH</sup> &amp; 31<sup>ST</sup> OCT 1918.</u>					Sunrise.	Noon.	Sunset.
	Pesaro ...	1026·0	43	SW	1	b	10259	*	39	-6	-	0	b	-	57	36	G.M.T.	G.M.T.	G.M.T.					
	Leghorn ...	1024·7	54	-	0	b	10239	*	48	-4	-	0	bc	-	59	45	6·46	11·37	4·28					
	Rome ...	?	52	N	1	b	10243	*	43	-7	-	0	b	-	63	41	6·48	11·37	4·26					
	Viesti ...						10262	*	?	?	NW	1	o	3	?	29	6·51	11·44	4·37					
	Brindisi ...	1020·2	59	NW	4	C	10215	*	52	?	NW	3	b	-	59	50	6·53	11·44	4·35					
	Cagliari ...							*										6·55	11·56	4·27				
	Palermo ...	1018·7	61	-	0	o	10206	*	61	0	?	?	0	2	79	?22	7·28	12·25	5·17					
	Tripoli ...						10232	*	33	?	SW	2	o	5	?	33	7·35	12·25	5·15					

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM					
30 <sup>th</sup> & 31 <sup>st</sup> Oct 1918.			Sunrise.	Noon.	Sunset.
			G.M.T.	G.M.T.	G.M.T.
Yarmouth	...	...	6 46 6 48	11 37 11 37	4 28 4 26
Greenwich	...	...	6 51 6 53	11 44 11 44	4 37 4 35
Wick	...	...	7 25 7 28	11 56 11 56	4 27 4 24
Valencia	...	...	7 33 7 35	12 25 12 25	5 17 5 15

LONDON 30 <sup>TH</sup> OCT .. 9h. G.M.T.	HUMIDITY.		Sun- shine for 29 <sup>TH</sup>	24 HOURS ENDED 9h. 30 <sup>TH</sup> .....						
	15 h.	9 h.		TEMPERATURE.			Rain- fall.	WEATHER.		
	29 <sup>TH</sup>	30 <sup>TH</sup>		Max.	Min.	Min. on Grass.		Morning.	Afternoon.	Night.
GREENWICH (Royal Observatory) .. ..	79	89	0.3	58	46	33	0.0	o	o	o c o w
CITY (Bunhill Row) .. .. .	x	x	0.0	x	x	x	x	x	x	x
WESTMINSTER (St. James's Park) .. ..	-	-	0.0	58	49	42	0.0	x	x	x
" (Roof near Charing X) .. ..	75	77	0.0	59	50	*	0.0	om	om	o-b-c-b
CAMDEN SQ. (British Rainfall) .. ..	76	88	0.0	58	47	40	0.0	o	o	x
KENSINGTON PALACE .. .. .	78	77	x	57	47	40	0.0	o	o	x

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

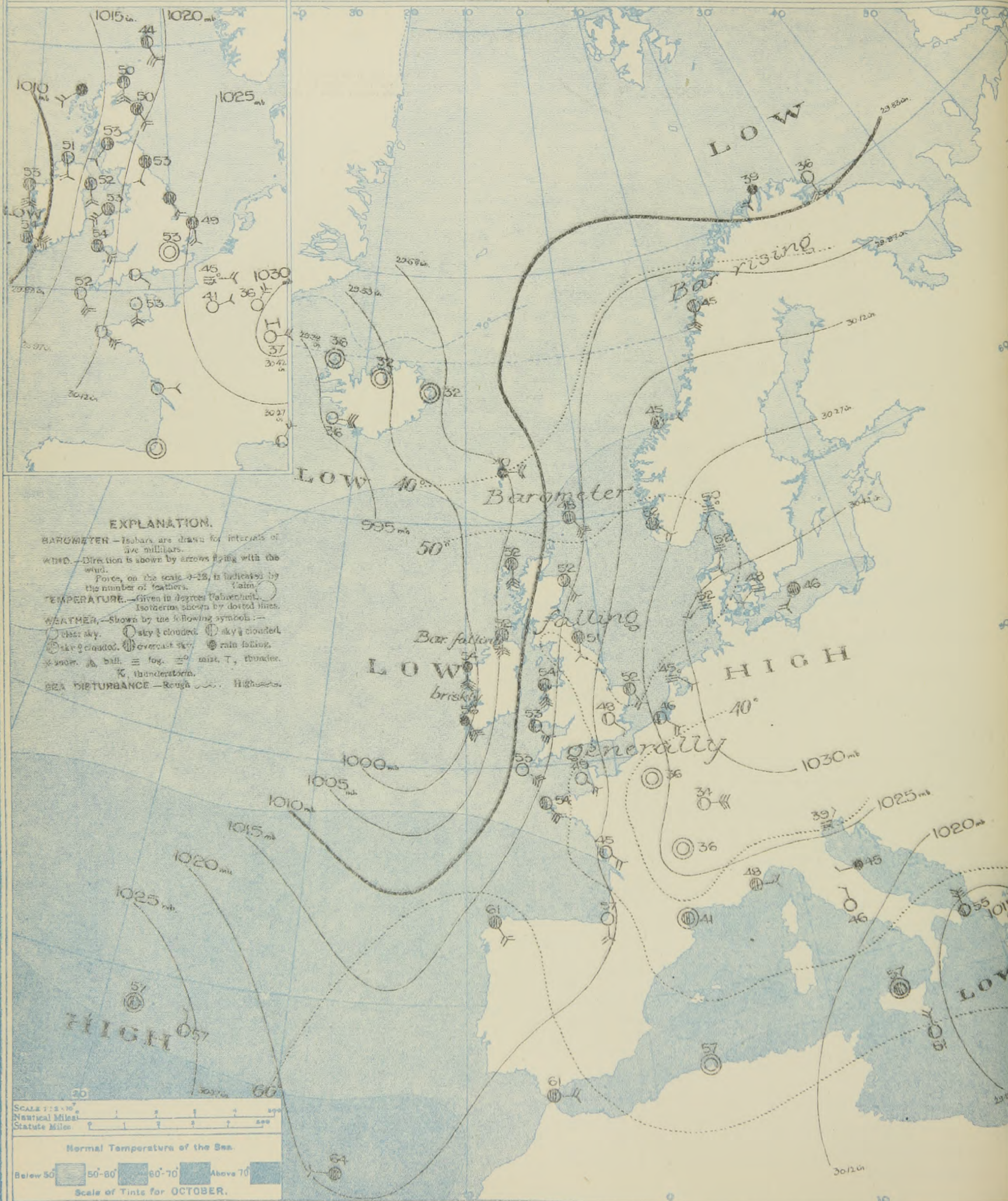
Printed at the Meteorological Office, South Kensington, London, S.W. 7.  
By WYMAN & SONS LTD., Fetter Lane, London, E.C. 4, and Reading.

++ The barometric change is expressed in half-millibars.

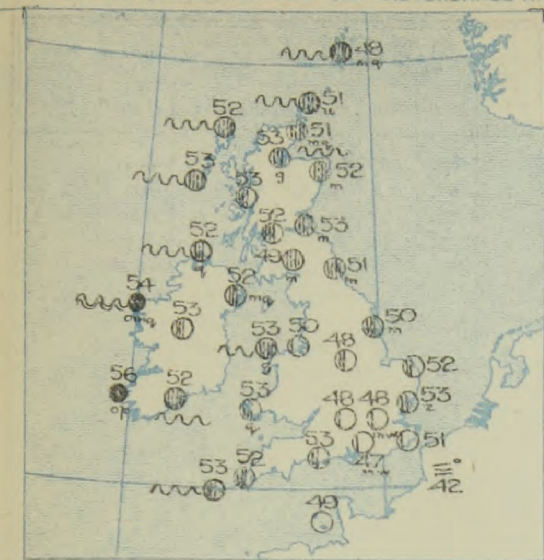


30<sup>th</sup>, OCT, at 1h. G.M.T.

THE MORNING OF WEDNESDAY, 30<sup>th</sup> OCTOBER 1918, at 7h. G.M.T.







## GALES.

BLACKSOD Pt.  
S.B. 5-7h. (30H.)

BANTRY (Whiddy Is.)  
SE 8. 5-7h. (30H.)

QUEENSTOWN.  
SE 8. at 7h. (30H.)

LOUGH FOYLE.  
Extreme SE 9 at 6h.  
S.B. 1-7h. (30H.)

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

Sunshine was again very deficient in nearly all districts, but from 3 to 4½ hours were registered in the extreme north. A few millimetres of rain fell in the west, and traces in other districts. Air temperature continued relatively high, the maximum exceeding 50° at many stations.

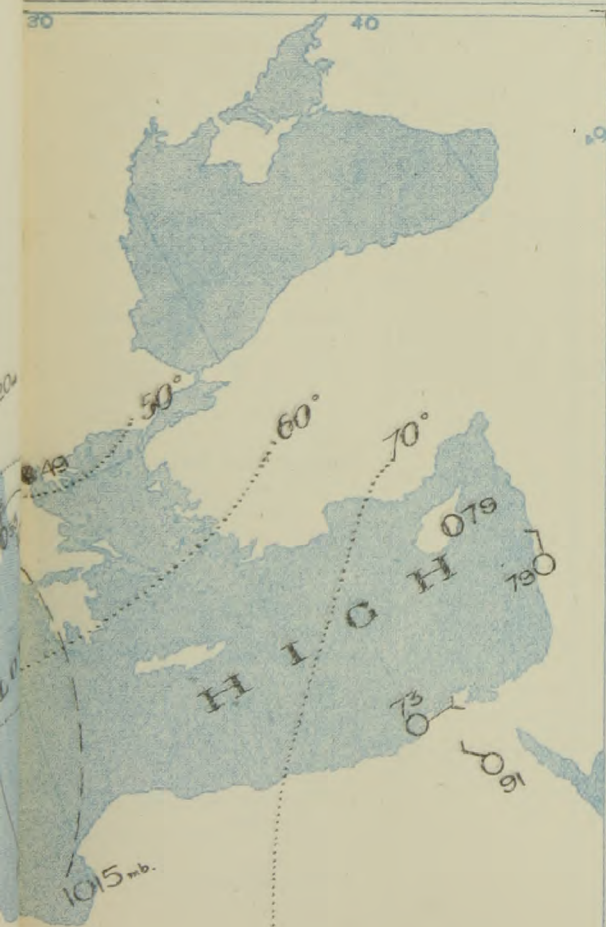
## The Conditions at 7h. Today

The depression which was beginning to affect our south-west coasts yesterday morning is now centred off the west of Ireland. Winds have freshened generally from between SE. and S., and gale force is reached locally on the Atlantic coasts. Rain is falling at the Farøe and in the west and south of Ireland, but fair or fine weather prevails over Southern England and France. The anticyclone which was over Eastern France yesterday has moved north-eastward and now covers Northern Germany and the Baltic. There is much mist or fog over the Low Countries, Denmark and the south-west Baltic.

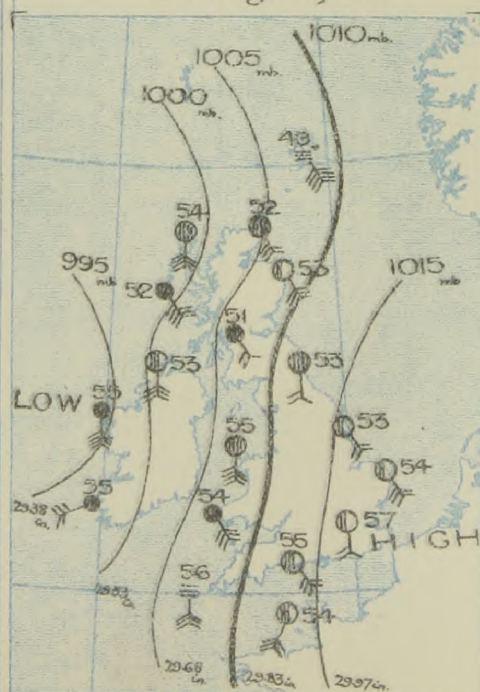
## The General Outlook

The depression in the west will probably move eastward or north-eastward causing strong Southerly winds accompanied by rain over the British Isles generally.

H.H.

Wednesday, 30<sup>th</sup>

OCTOBER, 1918, at 12h. (1p.m.) G.M.T.



The fall of the barometer has ceased in the west of Ireland and the wind has veered to WSW. at Valencia. The direction of motion of the depression appears to be north-eastward.

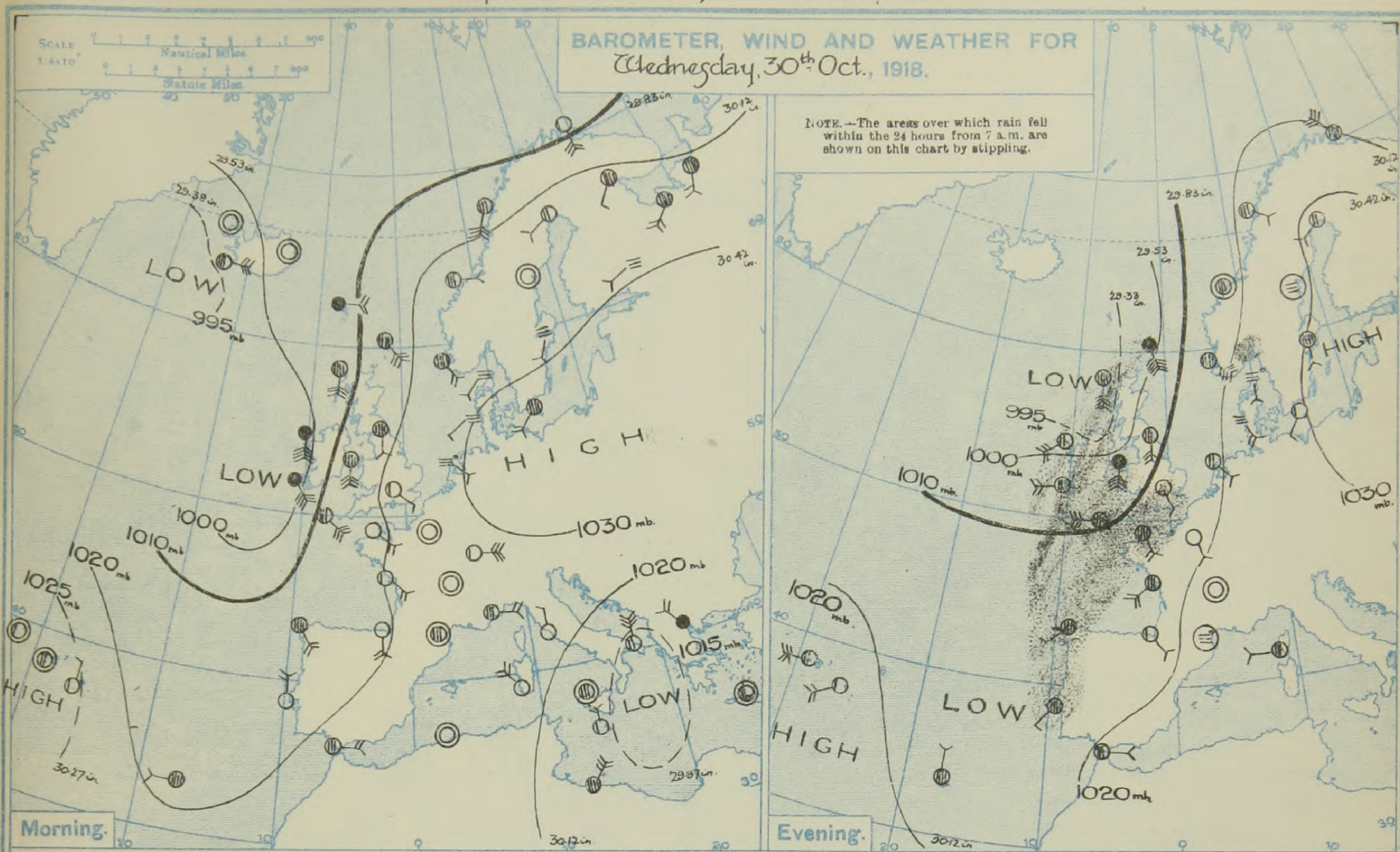






# METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20797. Thursday, 31<sup>st</sup> October, 1918.



## WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 30<sup>TH</sup> OCTOBER.

STATIONS.		EVENING OF 29 <sup>TH</sup>					MORNING OF 30 <sup>TH</sup>										MORNING OF 30 <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.					
				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.			Weather.	Max.	Min.	Dirac.	Force 0-12.	Weather.		
RUSSIA.	Archangel ...						1023.4	-1	41	?	SSW	3	c	—	*	*		Isafjord ...	996.8	36	+2	—	0	b
	Petrograd ...														*	*		Reykjavik	995.3	36	+4	E	6	c
	Moscow ...														*	*		Vestmanna						
SWEDEN.	Hernösand ...	1022.0	39	N	2	0	1028.0	*	37	-4	—	0	bc	*	*	*		Seydisfjord	1004.4	32	+5	—	0	b
	Stockholm ...	1026.6	45	SSW	2	0	1029.2	*	46	+10	SSW	2	f	*	*	*		Thorshavn	1004.3	40	+4	E	4	r
	Wisby ...	1029.6	46	WSW	2	0	1030.4	*	46	+5	SW	2	o	*	*	*								
ITALY.	Venice ...	1027.7	48	—	0	b	1025.1	*	39	-9	—	0	f	1	54	39	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM							
	Turin ...	1027.0	46	—	0	b	1025.7	*	43	?	—	0	f	—	54	43	31 <sup>ST</sup> OCT. & 1 <sup>ST</sup> NOV 1918.		Sunrise.	Noon.	Sunset.			
	Pesaro ...	1027.9	41	S	1	c	1024.6	*	45	+6	W	1	r	12	55	39								
	Leghorn ...	?	52	?	?	b	1023.5	*	48	0	—	0	b	—	59	45								
	Rome ...	1023.0	53	N	1	b	1021.7	*	46	+3	N	1	b	—	61	45								
	Viesti ...						1017.5	*	50	?	N	4	o	—	57	50								
	Brindisi ...	1020.6	57	WSW	4	c	1014.5	*	55	+3	N	6	bc	—	59	55								
	Cagliari ...						1021.4	*	57	?	NW	4	b	—	75	52								
	Palermo ...	1019.4	59	NE	1	0	1019.3	*	57	-4	—	0	c	—	72	50								
	Tripoli ...						1016.6	*	66	?	ENE	5	o	1	99	59								

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

31 <sup>ST</sup> OCT. & 1 <sup>ST</sup> NOV 1918.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	...	6.48	11.37	4.26
Greenwich ...	...	6.53	11.44	4.35
Wick ...	...	7.28	11.56	4.24
Valencia ...	...	7.35	12.25	5.15

LONDON		HUMIDITY.		Sun-shine for 30 <sup>TH</sup>	24 HOURS ENDED 9 h. 31 <sup>ST</sup>				WEATHER.		
31 <sup>ST</sup> OCT. 9h. G.M.T.		15 h.	9 h.		Max.	Min.	Min. on Grass.	Rain-fall.	Morning.	Afternoon.	Night.
GREENWICH (Royal Observatory) ..	..	75	85	6.3	61	48	39	1	bc.c	c.	or.od
CITY (Bunhill Row) ..	..	*	*	4.7	*	*	*		*	*	*
WESTMINSTER (St. James's Park) ..	..	79	85	5.8	60	51	43	trace	*	*	*
» (Roof near Charing X) ..	..	74	86	5.4	61	52	*	trace	bc.m	b.bc	b.bc.or.c
CAMDEN SQ. (British Rainfall) ..	..	72	82	3.4	61	50	41	0.0	bc	bc.o	*
KENSINGTON PALACE ..	..	77	81	*	61	50	41		bc	b	*

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

## SOUTH KENSINGTON (M.O.)

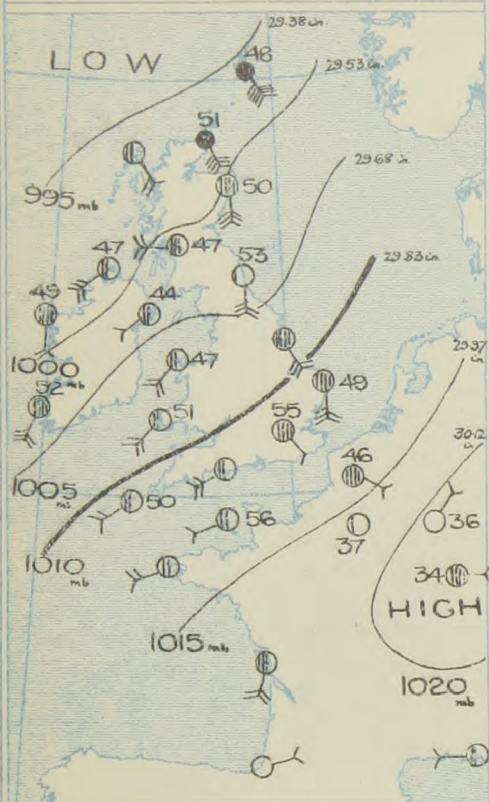
Vertical Component of Solar Radiation per square Centimetre during 30<sup>TH</sup>

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
586	16.7	40



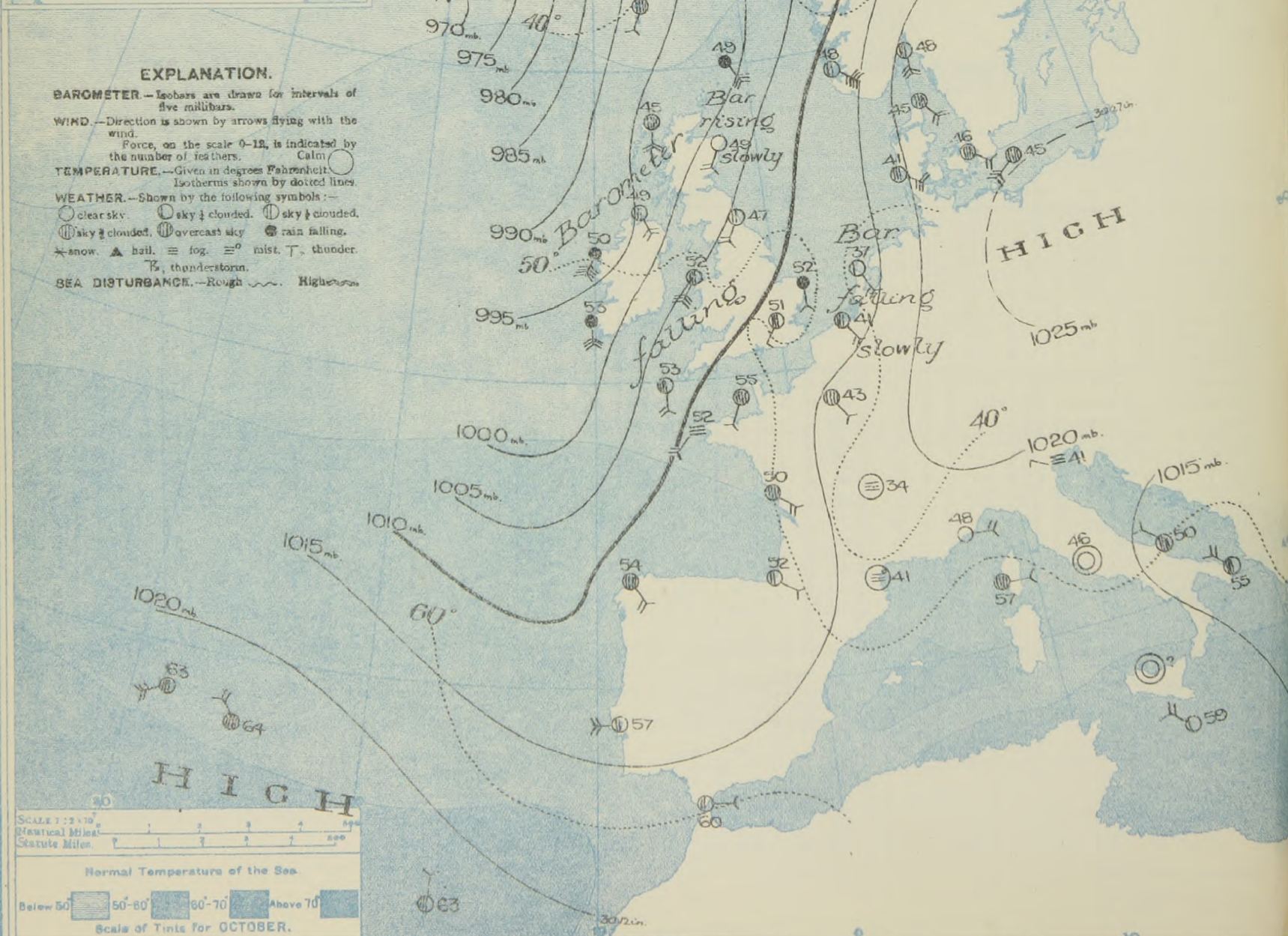
31<sup>ST</sup>, OCT, at 1h. G.M.T.

THE MORNING OF THURSDAY, 31<sup>ST</sup> OCTOBER 1918, at 7h. G.M.T.

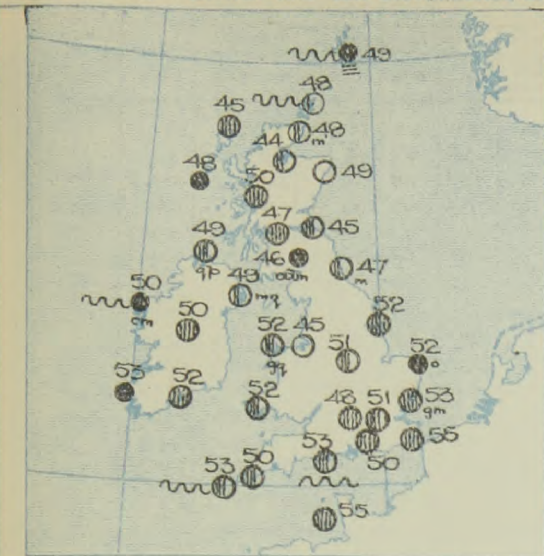


**EXPLANATION.**

- 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. overcast sky. rain falling.  
 snow. hail. fog. mist. thunder.  
 thunderstorm.
- SEA DISTURBANCE.**—Rough Higher







## GALES.

## LERWICK.

Ext. SSE. 9 at 18h.  
SSE. 8. 11h. (30) to 6h. (31).

## DEERNESS.

S. 8. 19h. (30) to 2h. (31).

## BLACKSOD.

Ext. S. 9 at 9h.  
S. 8. 4-11h. (30).

## HOLYHEAD

S. 8. at 18h.

## LOUGH FOYLE.

SE. 8. 7h. (30) to 7h. (31).

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

Rain fell in nearly all districts, but except in the Irish Sea and the west of Ireland the amounts were not large, 36 mm. were measured at Blacksod Point. 5 to 6 hours of sunshine occurred in east and south-east England, and 3 hours in parts of Northern England and Southern Scotland, but elsewhere the day was almost sunless. Weather continued mild generally.

## The Conditions at 7h. Today

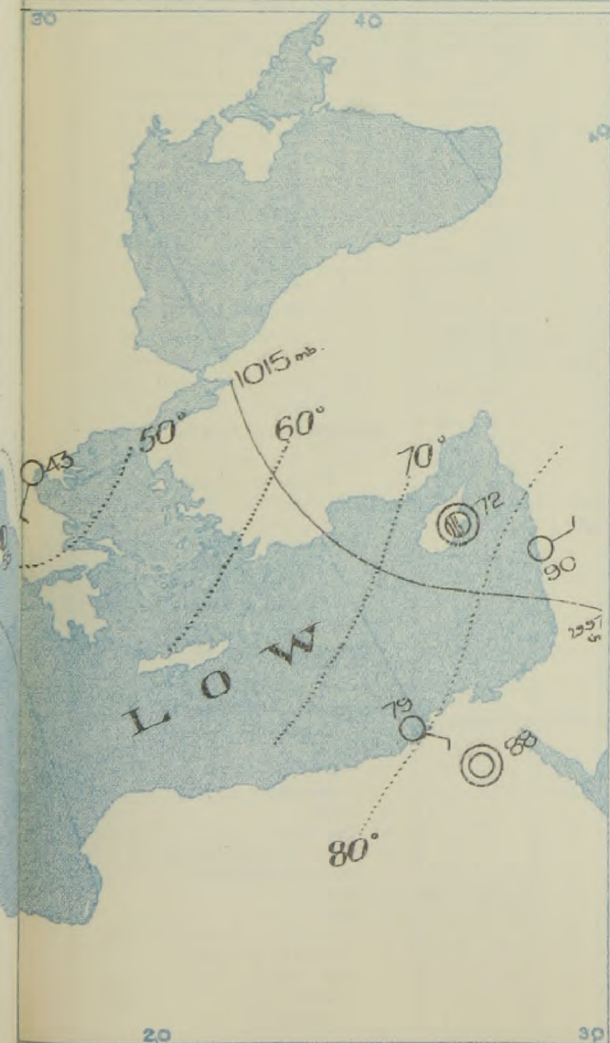
Pressure has again fallen in the west, as the result of a secondary to the depression which was off the west of Ireland yesterday morning. The extensive low pressure system now established on that area is influencing the greater part of Western Europe.

The wind is blowing strongly from South over Ireland, reaching gale force at Blacksod Point. Rain is falling in Ireland, Shetland, Flanders and East Anglia.

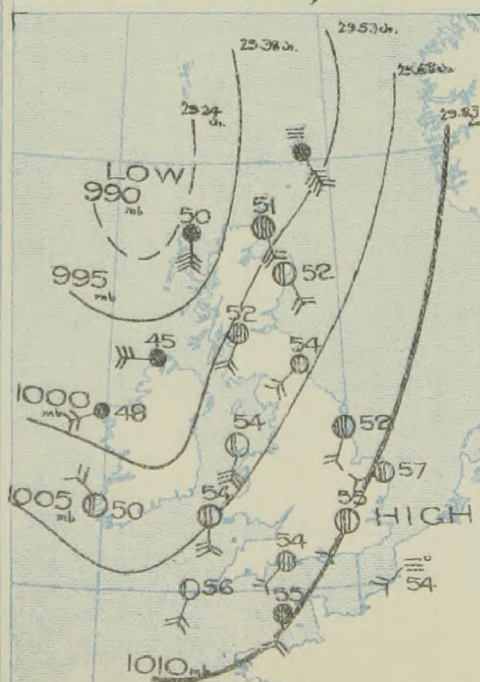
## The Outlook

The depression in the west will maintain mild unsettled weather over the British Isles generally. Winds will probably remain between SE. and SW, continuing to blow strongly in the western districts.

H.H.

Thursday, 31<sup>st</sup>

OCTOBER, 1918, at 13h. (1p.m.) G.M.T.



The barometer is now rising briskly in the west of Ireland and the wind has veered to WNW. The depression now has the form of a V with trough lying slightly west of a line drawn from Stornoway to Scilly.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 304 THURSDAY 31<sup>st</sup> OCTOBER.

STATIONS.		EVENING OF 30 <sup>TH</sup>					MORNING OF 31 <sup>ST</sup>										24 HOURS ENDED 7 h 31 <sup>ST</sup>					Sun- shine for 30 <sup>TH</sup> Hours.
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	Temp. °F. Dry Bulb.	Change in 24 hours.	WIND.	Force 0-12.	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	999.8	48	SSE	9	mdg	999.0	+4	49	+1	SSE	6	-	fr	6	7	49	45	feq	feq	fgr	0.0
	Deerness (Orkney)	999.0	51	S	7	ou	998.6	*	48	-3	S	3	S	b	5	1	52	47	of	forou	agc bc	0.0
	Stornoway	993.4	53	S	7	opq	996.2	0	45	-7	S	5	-	o	4	7	55	45	og	oropq	opq	0.0
	Castlebay (Barra Isd.)	993.0	52	S	7	r	994.9	-2	48	-5	ESE	3	-	r	4	6	53	47	or	r	r or	0.0
	Glasgow	1002.5	52	SSE	4	omg	1002.9	0	47	-5	SE	2	-	omg	*	2	53	45	c. omg	omdp	ogdpm	0.0
	Eskdalemuir	1004.0	50	SSE	4	om	1004.4	0	46	-3	S	4	-	odm	*	5	52	42	omabz	bcz om	orodm	3.1
	Malin Head	992.9	55	SSW	6	cq	994.9	-5	49	-3	SSE	4	S	cqp	4	1	55	46	cqp	cqp	og	0.0
	Blacksod Point	999.1	57	SW	5	bc	991.0	-4	50	-4	SSW	8	-	omr	6	36	57	45	omr	cp	omror	0.4
	Valencia (Cahirciveen)	1005.1	50	WSW	4	bc	997.1	-4	53	-3	S	6	-	or	0	15	56	49	odpr	or. bc	oor	0.4
	Roche's Point	1004.3	50	W	3	o	1002.4	*	52	0	SSW	7	-	o	6	2	54	46	odoem	do.c.o	o.b.om	*
	Birr Castle	999.8	52	SW	2	r	999.3	*	50	-3	S	3	-	o	*	1	56	44	c.or	or	o.c.o	0.0
	Donaghadee	998.9	54	S	6	omqr	1000.8	-2	49	-3	SSW	4	SW	bcmq	4	2	54	44	cm. omg	omgp	ogbcm	*
	Liverpool (Bidston)	1005.4	52	SSE	5	c	1006.8	0	45	-5	SSE	2	-	b	1	-	56	45	bc.o	c.o.c	bc.b	3.0
	Holyhead	1002.6	54	S	8	ogr	1001.5	-0	54	0	S	6	-	ogq	4	18	63	52	c.bc.og	ogogr	ogrcq	0.3
	Pembroke (St. Ann's)	1004.7	54	SSW	7	ogp	1007.5	-3	52	-1	S	4	S	c	4	1	54	50	cq.og	ogp	cq.bc.c	0.1
	Hartland Quay																					*
	Scilly (St. Mary's)	1009.7	53	W	5	cq	1008.8	-1	53	0	S	3	S	c	5	0.2	56	50	cpfdq	cqpm	bc.c	0.1
	Falmouth	1009.9	53	SW	6	dmq	1009.1	-2	50	-2	SSW	3	-	c	*	2	56	47	cgrq	cqdmq	c.o.c	0.2
	Jersey (St. Aubin)	1014.8	56	SSE	3	o	1011.5	*	55	-6	SSW	2	-	o	2	3	58	49	b.	bc.opo	oro	4.4
	Portland Bill	1011.8	55	S	5	od	1010.4	-1	53	0	SW	3	-	c	5	1	56	51	bc.	c.o	c	*
	Dungeness	1015.3	53	S	4	b	1010.9	-2	55	+4	SW	4	-	o	3	4	55	50	bc	c.b	bc.oro	*
	Wick	1000.0	51	SSE	7	ompq	998.9	0	48	-3	SSW	4	-	bcm	4	0.2	52	47	omgq	ompq	opqbc	*
	Nairn	999.2	54	S	3	cgu	991.0	*	44	-9	-	0	-	bc	1	-	56	40	cq.bc	cgu	u.og	0.0
	Aberdeen	1004.5	53	SSE	5	ogm	1001.6	+2	49	-3	SSW	3	-	b	3	0.4	54	49	om. cmg	bcmg.o	ogmpb	1.0
Leith	1002.8	54	SSW	4	c	1002.3	+1	45	-8	SSW	1	SW	c	1	-	56	45	om. uac	couq.c	cq.cuc	*	
Tynemouth	1007.0	53	S	5	cmq	1005.2	+2	47	-4	SW	2	-	bcm	2	-	55	47	om	cmq	bmgbm	*	
Spurn Head	1011.5	52	SSE	6	cq	1008.5	0	52	+2	SSW	3	-	o	4	-	54	48	bc	cq	o	1.5	
Yarmouth (Gorleston)	1015.6	51	S	5	bc	1010.8	-3	52	0	S	2	-	or	2	3	54	49	bcm	bcm	ompor	6.0	
Clacton-on-Sea	1015.8	52	SSE	4	bcz	1011.0	-2	53	0	SSE	3	-	ogm	3	3	55	51	bcz	bcz	bagnm	5.1	
Nottingham	1011.4	52	S	2	c	1009.0	*	51	+3	SW	2	SW	c	*	-	58	47	bc.c	c.o	c.o	1.3	
Benson (Oxon.)	1012.7	51	SSW	4	bc	1009.9	0	48	0	SSW	1	-	o	*	1	58	47	d	bc	r.o	*	
St. Farnborough	1014.5	51	S	5	cm	1011.0	-1	50	+3	SSW	2	-	om	*	0.3	56	47	bc. om	o. bc. cm	c. oradm	5.4	
Salisbury Plain	1012.9	52	SSE	4	od	1011.5	-1	47	-1	SE	1	-	c	*	0.4	55	47	bc. ebc	bc. c. od	obc. e. c	*	
London (Kew Obs.)	1014.3	50	SSE	1	b	1010.8	0	51	+3	SSW	1	SW	cm	*	Trace	58	48	lmw. b. bc	bc. o. bc. b	bc. adm	6.3	
NORTHERN EUROPE.	Spitsbergen											*	*	*								
	Vardö											*	*	*								
	Bodö											*	*	*								
	Christiansund	1021.3	43	ESE	2	c	1015.0	-2	46	+1	E	2	-	bc	2	?	46	39				
	Skudesnaes	1015.3	52	-	0	c	1008.6	-2	55	+10	E	2	-	c	2	-	55	43				
	Færder (X'lania Fjord)	1018.7	52	SE	7	o	1013.2	-1	48	-4	SE	7	-	bc	5	-	52	48				
	The Scaw (Skagen)	1025.9	50	SSE	2	f	1023.9	-1	48	-2	S	5	-	c	3	1	50	48				
	Blaavands Huk	1025.7	50	S	2	m	1023.5	-1	48	-4	SSE	4	SE	o	4	-	52	46				
	Copenhagen	1024.3	48	SSE	3	f	1019.3	-2	41	-11	SE	5	W	c	*	-	54	39				
	Bornholm	1029.0	46	SW	1	b	1024.6	-1	46	-2	SE	3	-	o	*	-	50	43				
FRANCE, &c.	Paris	1029.6	43	SSW	1	b	1024.6	-4	45	-1	WSW	5	-	o	1	-	48	39				
	The Helder	1019.3	46	SE	2	bc	1013.7	-2	37	-8	SSE	3	-	b	1	-	52	37				
	C. Gris Nez	1016.3	50	SE	3	b	1011.4	-2	50	+4	SSW	3	*	r	3	1	55	46				
	La Hève	1005.9	54	SSE	3	b	1014.1	-1	54	+9	WSW	4	*	o	3	57	52					
	Brest (St. Mathieu)	1014.1	55	SW	4	c	1011.8	-1	52	-2	SW	3	*	f	1	57	52					
	Roche fort (Ile d'Aix)	1018.6	54	S	2	bc	1014.3	-2	50	+5	SE	3	*	o	*	61	45					
	Biarritz	1017.3	59	SE	2	b	1013.2	-2	52	-5	ESE	3	*	bc	-	68	52					
	Paris	1019.3	45	SSE	2	b	1015.3	-1	43	+7	SSE	2	*	o	*	Trace	54	36				
	Belfort	1023.5	37	-	0	b	1020.6	*	32	-2	E	4	*	f	*	-	48	32				
	Lyons	1020.6	48	-	0	b	1018.9	-1	34	-2	N	1	*	f	*	-	57	32				
IBERIA, &c.	Nice	1019.4	52	-	0	c	1015.7	-2	48	0	E	3	*	b	*	-	61	45				
	Perpignan	1020.6	48	-	0	m	1016.8	-2	41	0	-	0	*	m	*	-	59	37				
	Sanguinaire	1020.8	59	W	2	c	1016.4	*	57	?	E	2	*	o	-	66	48					
	Corunna	1017.2	64	SW	1	o	1013.3	-2	54	-7	SSE	3	-	o	3	1	66	54				
	Madrid																					
	Lisbon	1017.6	63	SW	1	o	1013.3	+1	57	?	W	4	-	bc	6	10	68	57				
	Azores (Horta)	1024.8	*	WSW	5	bc	1022.0	-0	63	+6	WSW	5	*	c	3	-	68	63				
	" (P. Delgada)	1024.7	*	SW	4	b	1021.5	-1	64	+7	WNW	3	*	o	4	-	64	55				
	Madeira	1018.6	68	N	2	o	1021.1	+0	63	-1	N	2	N	c	2	-	70	63				
	Gibraltar	1021.0	61	E	2	c	1018.6	*	60	-1	E	2	*	bc	1	-	65	58				
MEDITERRANEAN.	Palma																					
	Algiers																					
	Malta																					
	Salonica	1007.4	49	NW	3	r	1019.8	+1	59	-2	NW	3	-	b	1	-</						

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 <sup>A</sup>	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. l lightning.

m mist.

o overcast sky.

p passing showers.

q squalls.

r rain.

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

s snow.

t thunder.

u ugly, threatening sky.

v unusual visibility.

w dew.

x hoar frost.

y dry air; humidity less than 60 per cent.

z dust haze; the turbid atmosphere of dry weather.