

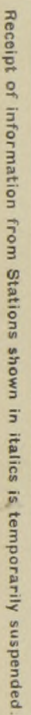
METEOROLOGICAL OFFICE.

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DAILY WEATHER REPORTS.

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1<sup>ST</sup> JULY TO 31<sup>ST</sup> DECEMBER 1915.

[illegible]

# 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 December 1st.)

OCTOBER.	STATIONS.	PRESSURE. 1906-1910. 7 a.m. Obser- vations (re- duced to M.S. Level and to Lat. 45°).	AIR TEMPERATURE.								RAINFALL. 1876-1910. Days with Rain. Total Fall.		BRIGHT SUNSHINE. 1881-1910. Average Duration. Per Cent- age of Possible Duration.						
			Means of				Absolute Extremes.												
			1906-1910.		1876-1910.		1876-1910.												
			Dry Bulb 7 a.m.	Wet Bulb 7 a.m.	Daily Maxi- mum.	Daily Mini- mum.	Maximum.		Minimum.										
							Temp.	Year.	Temp.	Year.									
		In.																	
	Sumburgh Head .....	29.798	47.3	45.8	50.1	42.0	63	1908	28	1887	25	4.12	—	—					
	Stornoway .....	29.772	47.6	46.2	51.9	40.9	70	1898	26	1880	24	5.36	85	27					
	Castlebay (Barra Isd.) ..	[29.881]†	[51.0]†	[49.2]†	[54.1]†	[48.3]†	[63]†	[1908]†	[34]†	[1909]†	[19]†	[3.11]†	[80]†	[25]†					
	Malin Head .....	29.755	49.8	48.8	53.0	45.6	[73]†	[1908]†	[32]†	[1892]†	[21]†	[3.11]†	—	—					
	Blackod Point .....	29.765	51.5	49.4	54.5	45.9	[71]†	[1908]†	[29]†	[1905]†	[23]†	[5.10]†	—	—					
	Valencia .....	29.786	52.1	49.7	56.5	46.6	71	1908	28	1882	22	5.23	101	31					
	Roche's Point .....	29.817	51.5	50.5	56.1	46.4	65	1880, 4, 6	32	1881	18	4.05	—	—					
	Birr Castle .....	29.810	47.8	46.7	54.9	40.9	74	1908	22	1880, 1905	18	2.87	96	30					
	Donaghadee .....	29.828	49.5	48.2	54.1	44.1	66	1898	21	1882	18	2.97	—	—					
	Liverpool (Observatory) ..	29.863	48.9	47.2	54.1	44.8	73	1908	27	1895	19	3.36	[96]†	[30]†					
	Holyhead .....	29.831	51.7	50.4	54.9	47.0	75	1908	32	1892	19	4.06	—	—					
	Pembroke (St. Ann's Hd.) ..	29.825	52.0	50.5	55.3	48.2	67	1908	33	1895	19	4.18	103	32					
	Scilly (St. Mary's) .....	29.944	53.5	51.8	57.3	50.3	69	1895	38	1895, 96	21	3.70	117	36					
	Jersey (St. Aubin's) .....	29.900	54.6	52.5	59.0	49.4	76	1908	33	1887	21	4.53	126	38					
	Portland Bill .....	29.882	54.6	53.2	56.9	48.6	[67]†	[1908]†	[35]†	[1905, 08]†	17	3.86	—	—					
	Dungeness .....	29.897	53.6	52.0	57.2	46.3	70	1886, 1908	23	1890	17	[3.23]†	—	—					
	Dover .....	[30.017]†	[52.6]†	[51.3]†	[58.8]†	[48.4]†	[74]†	[1908]†	[30]†	[1909]†	[18]†	[4.39]†	[120]†	[37]†					
	Wick .....	29.796	47.3	45.5	52.2	40.6	73	1898	22	1885	21	3.09	—	—					
	Nairn .....	29.796	45.4	43.7	52.9	39.5	76	1908	19	1896	19	2.50	[108]**	[35]**					
	Aberdeen .....	29.840	47.7	46.4	52.8	41.5	74	1883	25	1880	20	2.95	87	31					
	Leith .....	29.828	48.8	46.8	54.9	42.0	75	1908	25	1894	17	2.40	—	—					
	North Shields .....	29.859	48.9	47.6	54.0	42.4	77	1908	27	1890, 92, 95, 1909	18	2.97	—	—					
	Spurn Head .....	29.873	51.5	50.1	54.4	46.0	[70]*	[1900]*	[33]*	[1887, 95]*	17	2.40	—	—					
	Yarmouth .....	29.905	51.9	50.3	54.9	45.2	74	1900, 08	27	1895	18	2.88	[107]†	[33]†					
	Clacton-on-Sea .....	29.912	52.7	51.3	55.6	45.7	[71]†	[1908]†	[29]†	[1905]†	14	2.00	[108]†	[33]†					
	Nottingham .....	29.887	48.1	47.4	55.3	41.9	78	1908	20	1890	20	2.57	[85]†	[26]†					
	Bath .....	29.893	49.9	48.5	57.1	42.8	[77]†	[1908]†	[24]†	[1905]†	15	3.18	97	30					
	Oxford .....	29.917	49.7	48.5	56.0	42.6	76	1886, 1908	23	1890	16	2.78	99	31					
	LONDON { Westminster .....	29.900	51.4	50.1	[58.8]†	[46.7]†	[79]†	[1908]†	[29]†	[1905, 09]†	[17]†	[2.33]†	71	22					
	LONDON { Kew .....	29.912	50.2	49.0	56.0	43.4	77	1886	25	1881, 95	17	2.70	93	29					
	Sumburgh Head .....	29.739	42.1	40.5	46.1	38.7	58	1901	25	1880, 98, 04	24	4.00	—	—					
	Stornoway .....	29.782	42.6	41.4	47.3	37.8	58	1897, 01, 02	20	1880	24	5.61	42	18					
	Castlebay (Barra Isd.) ..	[29.811]†	[45.2]†	[43.3]†	[48.5]†	[41.3]†	[56]†	[1908, 09]†	[32]†	[1909, 10]†	[21]†	[4.00]†	[81]†	[26]†					
	Malin Head .....	29.811	44.9	43.8	48.6	41.8	[59]†	[1894, 9, 06]†	[30]†	[1909]†	[21]†	[3.20]†	—	—					
	Blackod Point .....	29.868	46.2	44.3	50.3	42.1	[60]†	[1897, 99]†	[26]†	[1890]†	[23]†	[5.06]†	—	—					
	Valencia .....	29.819	46.2	43.9	52.2	42.7	63	1881	27	1890, 96, 01	22	5.46	66	26					
	Roche's Point .....	29.850	45.3	44.3	51.3	42.3	61	1908, 09	27	1890	19	4.32	—	—					
	Birr Castle .....	29.913	39.9	38.9	49.2	36.8	62	1899	17	1909	18	3.06	64	26					
	Donaghadee .....	29.880	43.6	42.6	49.1	39.8	60	1894, 09	27	1878, 83	19	3.07	—	—					
	Liverpool (Observatory) ..	29.902	42.2	40.7	48.3	40.0	61	1894, 95, 99	22	1880	18	2.60	[75]†	[30]†					
	Holyhead .....	29.887	46.2	44.6	50.1	42.8	62	1881	29	1880	19	4.19	—	—					
	Pembroke (St. Ann's Hd.) ..	29.903	46.6	44.5	50.9	43.8	58	1884, 95, 97, 99, 01, 02, 08	23	1890	19	3.76	65	25					
	Scilly (St. Mary's) .....	30.043	48.6	46.6	53.2	46.4	61	1898	29	1890	20	3.48	75	28					
	Jersey (St. Aubin's) .....	29.953	47.9	45.8	52.8	44.3	66	1899	16	1890	21	4.18	77	29					
	Portland Bill .....	29.915	48.0	46.3	51.6	43.7	[61]†	[1900]†	[30]†	[1902]†	15	2.48	—	—					
	Dungeness .....	29.900	44.4	42.8	50.4	40.7	63	1899	17	1890	17	[2.60]†	—	—					
	Dover .....	[29.824]†	[44.2]†	[39.7]†	[48.0]†	[37.5]†	[59]†	[1908]†	[27]†	[1910]†	[10]†	[2.50]†	[106]†	[40]†					
	Wick .....	29.780	41.5	40.0	46.9	36.8	62	1900	12	1909	20	3.02	—	—					
	Nairn .....	29.788	40.1	38.6	46.8	35.5	62	1906	12	1904	18	2.24	[63]**	[27]**					
	Aberdeen .....	29.815	40.4	39.1	46.8	37.2	62	1889	14	1909	19	3.05	55	23					
	Leith .....	29.832	41.7	39.7	48.5	37.7	63	1885	18	1885	15	1.98	—	—					
	North Shields .....	29.855	41.2	40.0	48.2	37.9	62	1894	20	1880	17	2.24	—	—					
	Spurn Head .....	29.861	43.8	42.2	48.0	40.7	[61]*	[1894, 95]*	[28]*	[1884]*	15	1.80	—	—					
	Yarmouth .....	29.887	43.3	41.8	48.1	39.4	60	1895, 8, 9, 04	23	1890	18	2.53	[83]†	[32]†					
	Clacton-on-Sea .....	29.913	42.8	41.7	48.2	39.3	[60]†	[1908]†	[25]†	[1904]†	15	1.88	[75]†	[29]†					
	Nottingham .....	29.904	40.5	39.5	48.2	36.9	63	1895	13	1904	19	1.89	40	16					
	Bath .....	29.938	41.6	40.5	50.2	37.5	[64]†	[1879]†	[18]†	[1901]†	13	2.89	59	23					
	Oxford .....	29.951	41.0	39.8	48.9	37.7	63	1899	17	1904	15	2.31	69	23					
	LONDON { Westminster .....	29.919	42.6	41.4	[49.7]†	[38.6]†	[62]†	[1907]†	[25]†	[1905, 10]†	[15]†	[2.14]†	28	11					
	LONDON { Kew .....	29.936	41.6	40.2	48.8	38.5	63	1876	21	1901	16	2.19	51	20					
	Sumburgh Head .....	29.694	40.0	38.8	43.3	36.2	53	1890, 05	21	1877, 09	27	4.44	—	—					
	Stornoway .....	29.698	40.1	39.2	44.1	35.0	55	1888	15	1880	26	5.94	24	12					
	Castlebay (Barra Isd.) ..	[29.597]†	[44.0]†	[42.1]†	[47.0]†	[40.2]†	[53]†	[1908]†	[27]†	[1909]†	[26]†	[5.13]†	[36]†	[18]†					
	Malin Head .....	29.631	42.4	41.7	45.6	38.6	[55]†	[1900, 04]†	[28]†	[1908, 09]†	[23]†	[3.15]†	—	—					
	Blackod Point .....	29.683	44.6	42.8	47.5	41.5	[59]†	[1899]†	[25]†	[1908]†	[26]†	[5.83]†	—	—					
	Valencia .....	29.752	45.5	43.3	49.9	40.8	57	1884, 88, 98, 1900	24	1886	25	6.32	41	17					
	Roche's Point .....	29.767	44.2	43.3	48.6	40.2	57	1906	25	1882	22	5.19	—	—					
	Birr Castle .....	29.735	40.3	39.3	45.7	34.4	58	1877, 1900	8	1878	20	3.10	43	19					
	Donaghadee .....	29.712	41.8	41.0	45.6	36.8	56	1885, 88, 94, 09	20	1879	21	3.08	—	—					
	Liverpool (Observatory) ..	29.760	40.4	38.8	44.4	36.3	59	1891, 98, 1900	13	1878	18	2.63	[48]†	[21]†					
	Holyhead .....	29.729	43.8	42.6	46.6	39.5	56	1888	26	1878, 90, 02	20	3.95	—	—					
	Pembroke (St. Ann's Hd.) ..	29.750	44.7	42.9	47.8	40.9	57	1899, 02	19	1890	22	4.18	42	18					
	Scilly (St. Mary's) .....	29.916	47.1	45.0	50.6	44.1	58	1899, 00	30	1890	22	4.28	56	23					
	Jersey (St. Aubin's) ..																		

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 274.

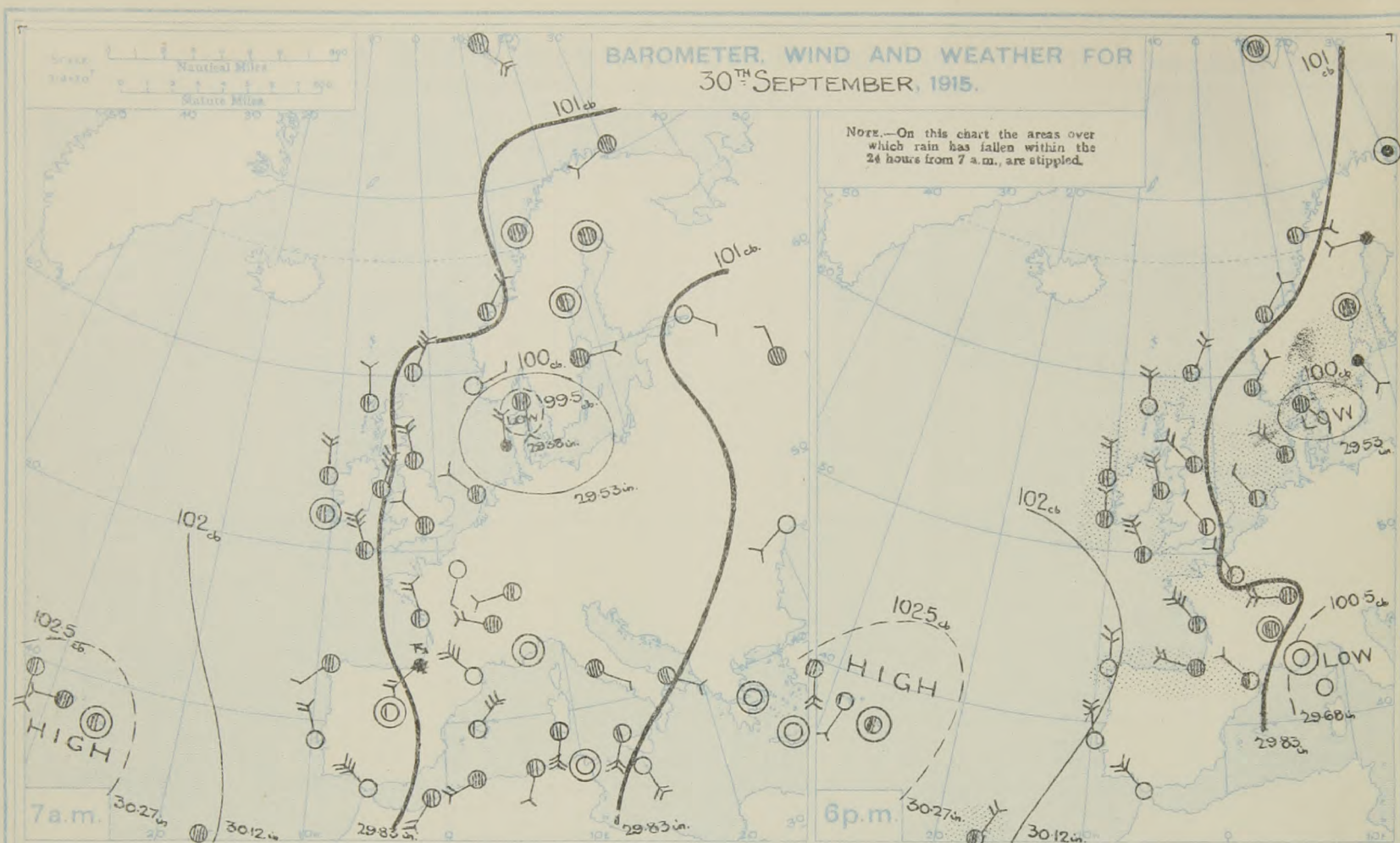
Friday,  
1st October, 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND. Direc.	Force 0-12.	Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP. Dry Bulb. °F.	Change in 24 hours.	WIND. Direc.	Force 0-12.	Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP. Max. °F.	TEMP. Min. °F.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	1011.5	45	NNE	4	bc	1012.9	0	43	-1	NNE	3	NE	bc	3	1	48	41	bcg	bcgp	bcp	Hours.	
	Deerness ...	1012.5	44	N	4	bcp	1014.2	+	43	0	N	4	N	b	3	1	48	41	bcp	bcp	bc b	7.0	
	Stormoway ...	1016.0	46	N	4	bcgp	1016.3	0	37	-1	N	1	-	b	1	1	50	37	bcg	bcgp	b	7.1	
	Castlebay (Barraisd.)	1016.2	47	N	2	b	1016.1	-1	43	-1	N	2	NW	c	2	-	51	41	bc	bc b	bc	3.0	
	Glasgow ...	1013.5	45	NNE	1	bc	1016.5	+2	33	-6	SW	1	-	b	*	Trace	31	32	b bc c	bc cp	bc bmc	6.0	
	Eskdalemuir ...	1012.8	44	NNW	3	bcg	1015.9	+1	36	-3	N	2	-	bc	*	-	50	32	b bc	bcg	bc bc	8.2	
	Malin Head ...	1015.8	48	N	4	bcgp	1016.2	0	45	-3	WSW	2	-	bcp	2	0.3	50	45	bcg	bcgcp	bcp	7.3	
	Blacksod Point ...	1017.9	49	N	3	bcg	1012.0	-3	49	+4	S	3	SW	omr	2	1	53	44	bcp	bcp	cp cp	*	
	Valencia ...	1018.5	52	N	2	c	1015.8	-2	51	+2	SE	1	SW	or	3	2	56	45	cp	ev	c or	5.2	
	Roche's Point ...	1018.4	54	N	2	bc	1018.7	+	47	+3	SE	1	-	o	1	-	56	44	b bc	bc b	b bc o	*	
	Birr Castle ...	1017.1	46	NW	1	c	1016.1	+	44	+10	NW	1	-	o	*	-	54	34	c	c	o	7.0	
	Donaghadee ...	1013.6	48	NNW	5	bcg	1015.5	+2	42	-5	W	3	W	bc	2	0.2	52	41	bcg	bcg	bcgp c	*	
	Liverpool (Bldston)	1012.3	50	NW	2	c	1015.6	+2	42	-4	N	1	-	b	2	-	52	41	b	b	bm	7.3	
	Holyhead ...	1013.6	51	NNW	5	c	1015.6	+1	50	0	NNW	4	NW	bc	4	1	56	46	c bc c	c	cp bc	7.3	
	Pembroke (St. Ann's)	1015.3	48	NNW	4	bc	1017.1	+1	48	+3	NW	3	NW	bc	3	4	53	45	cp	cp	bcp	5.5	
NORTHERN EUROPE.	Scilly (St. Mary's)	1015.8	52	NNW	5	cp	1017.5	0	52	+1	NW	2	NW	bcw	4	-	56	49	bcg	bcg	bcw	8.7	
	Falmouth ...	1015.5	46	N	2	bc	1018.1	+1	44	-1	W	1	NW	c	3	4	54	43	cp	cp	cp	4.8	
	Jersey (St. Aubin)	1011.5	52	NW	3	b	1017.1	+	50	+4	W	3	-	o	3	2	55	45	c bc op	bc b	bcp op	5.7	
	Portland Bill ...	1011.2	52	NNW	4	c	1016.2	+2	48	+5	N	3	-	b	2	-	55	43	c bc	bc c	c bc	*	
	Dungeness ...	1008.6	47	NW	3	cp	1014.2	+3	38	-1	NW	2	-	bc	2	-	53	38	bc	bc	bc bc	*	
	Dover ...	1008.9	47	NE	3	c	1013.5	+4	42	+1	NW	4	-	bz	2	1	52	38	bc c bc	bc cp r	c bc b	3.9	
	Wick ...	1012.8	45	N	4	o	1014.7	+1	42	0	NW	2	-	bc	3	1	48	37	cp	c mcp	bcm bc	*	
	Nairn ...	1013.4	44	N	1	bc	1015.4	+	39	-3	W	1	-	bc	2	1	49	38	bcgp	bcg	cg	5.3	
	Aberdeen ...	1011.6	43	NNW	3	b	1014.4	+2	40	-2	NW	3	N	bc	3	2	50	38	bcgp	bcgp	b bcp	7.8	
	Leith ...	1012.0	49	NNW	2	bc	1015.5	+3	39	-4	WSW	2	W	bc	*	-	52	37	b bc	c bc	bc b	*	
	Tynemouth ...	1010.1	44	NW	3	cmgp	1012.9	+2	37	-6	WSW	2	-	bcw	5	4	49	37	cmgp	cmgp	cmgp	*	
	Spurn Head ...	1008.2	48	N	7	bcgp	1012.1	+3	42	-3	N	6	-	bcg	6	4	50	42	cp	bcgp	bcgp	2.2	
	Yarmouth ...	1007.2	46	N	3	or	1011.3	+3	43	0	NNW	4	-	omr	3	3	54	41	bcp	bc cp	bc omr	3.3	
	Clacton-on-Sea ...	1008.8	48	WNW	3	c	1013.0	+2	39	-3	WNW	3	N	bc	2	-	52	38	o c	c	c bc	2.9	
	Nottingham ...	1010.5	49	NW	3	c	1014.5	+	33	-11	W	2	-	bm	*	-	52	31	c bc	bc c	c b	3.1	
Bath ...	1012.0	50	N	2	bc	1016.4	+	40	-3	W	1	W	o	*	-	56	35	b bc	b bc	br cm	9.5		
St. Farnborough ...	1010.4	46	WNW	1	bc	1015.7	+3	33	-9	W	1	-	bx	*	-	52	31	c bc	c b	bc bx	3.1		
London (Kew Obsy.)	1011.1	48	NW	1	bcw	1015.9	+4	36	-7	WSW	1	-	bm	*	-	51	36	om o	o c bcw	bcw bm	2.0		
FRANCE, &c.	Spitsbergen ...	1013.7	25	-	0	o	1015.4	+1	?	?	S	2	*	o	*	25	19						
	Vardö ...	1006.1	37	-	0	r	1007.1	0	39	0	NNW	5	-	r	2	*	39	34					
	Bedö ...	1010.4	39	E	2	c	1013.9	+4	41	+4	-	0	-	c	0	2	43	36					
	Christiansund ...	1010.9	43	NE	2	c	1011.9	+2	41	-2	NE	2	-	b	3	-	45	39					
	Skudesnaes ...	1003.4	46	NE	2	c	1005.6	+2	46	+1	SE	2	-	o	2	-	50	39					
	Færder (X'ania Fjord)	1002.7	43	N	7	o	1005.7	+3	43	+2	NNE	6	-	r	2	19	43	36					
	The Scaw (Skagen)	998.7	54	SSE	1	o	1005.1	+5	48	-6	W	4	W	c	4	1	57	43					
	Blaavands Huk ...	1003.2	48	NW	3	c	1008.3	+4	45	-3	S	1	SW	bc	1	Trace	52	41					
	Haparanda ...	1008.7	37	W	2	r					N	6	-	r	*	*	41	30					
	Hernösand ...	1009.3	41	-	0	o	1010.7	+2	37	0	N	6	-	r	*	*	44	30					
	Stockholm ...	1003.4	48	SSE	2	r	1005.3	+2	50	+4	-	0	-	f	*	*	52	46					
	Wisby ...	1001.9	52	S	2	c	1007.9	+6	52	-2	WSW	2	SW	bc	3	-	57	50					
	Karlstad ...	1002.7	41	NNE	2	r	1007.5	+5	41	+2	ENE	2	-	o	*	13	43	37					
	Petrograd (5 a.m. G.M.T.)																						
	SOUTHERN EUROPE.	The Helder ...	1005.1	45	NW	1	bc	1008.4	+3	48	-2	SSE	2	-	c	1	7	55	45				
C. Gris Nez ...		1008.8	50	NNW	1	o	1013.3	+2	45	0	NW	5	-	b	5	-	52	45					
La Hève ...		1009.1	46	NW	2	o	1014.4	+	48	+3	N	3	*	bc	4	8	54	45					
Ushant ...		1017.0	54	NNE	5	c	1019.3	+	54	+2	NNE	4	*	c	3	2	57	48					
Brest (St. Mathieu)		1015.4	53	N	5	c	1019.8	+2	54	+3	NNW	3	*	c	2	*	61	48					
Rochefort (N. d' Aix)		1011.7	54	NW	5	c	1018.0	+3	48	-2	N	4	*	bc	*	-	59	45					
Biarritz ...		1013.5	57	WNW	3	o	1018.0	+3	45	-2	ESE	2	*	c	3	18	61	45					
Paris ...		1010.4	43	NW	1	b	1015.3	+4	39	0	SSW	1	-	b	*	Trace	55	37					
Belfort ...		1010.9	43	W	4	o	1016.0	+	36	-8	NW	4	*	m	*	2	52	35					
Lyons ...		1009.0	48	N	1	o	1015.8	+	42	-3	NW	4	*	o	*	-	56	40					
Nice ...		1003.4	46	-	0	b	1004.7	+1	50	-7	-	0	*	b	3	-	70	45					
Perpignan ...		1010.9	57	NW	2	bc	1015.1	+4	52	-2	NW	4	NW	o	*	2	64	46					
Sanguinaire ...		2	62	N	3	o	*	*	58	-5	NW	4	*	o	4	-	66	55					
SOUTHERN EUROPE.		Corunna (7 a.m.)	1020.6	59	N	k	b	1024.7	+3	54	-1	SW	1	-	r	4	3	61	50				
		Madrid (8 a.m.)																					
	Lisbon (9 a.m.)	1019.7	63	NNW	k	b	1023.4	+3	55	0	NNW	4	NW	b	b	-	66	55					
	Gibraltar ...	1016.2	65	NW	k	b	1017.9	+	56	-2	NW	5	*	b	2	-	71	55					
	Rome ...																						
Malta (8 a.m.)	*	*	*	*	*	1022.5	0	73	-2	ESE	5	-	o	3	Trace	79	72						
SOUTHERN EUROPE.	Azores (Horta, 8 a.m.)	1026.3	*	SSW	2	b	1024.6	0	69	+3	S	4	*	o	2	-	81	68					
	Madeira (Funchal)	1020.7	72	NE	3	c	1023.0	+1	68	+2	?	?	N	o	?	Trace	75	66					
	South Farnborough.																						
	Pilot Balloon Ascent at about 7 a.m.																						
	500 metres NW 22 miles per hour 2000 metres NNW 16 miles per hour.																						

## RAINFALL. Equivalents of Millimetres. in Inches.

mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97

South Farnborough.



### FORECASTS FOR THE 24 HOURS NOON FRIDAY TO SATURDAY.



- |    |   |   |  |
|----|---|---|--|
| 0  | a | } | North-Westerly winds backing later to West or South; fair generally, but misty or foggy in places; remaining cold.                               |
| 1  | b |   |  |
| 2  | a | } | Light North-Westerly winds and fine weather, becoming variable later, with some mist or fog; remaining cold.                                     |
| 3  | b |   |  |
| 4  | a | } | Light North-Westerly winds and fine weather; wind shifting later to the Southward; foggy or misty to-night; some rain to-morrow; remaining cold. |
| 5  | b |   |  |
| 6  | a | } | Variable breezes, finally Southerly or South-Easterly; fair at first, but misty in places, some rain later; remaining cold.                      |
| 7  | b |   |  |
| 8  | a | } | Freshening Southerly and South-Easterly winds, dull, unsettled, some rain; becoming temporarily milder.  |
| 9  | b |   |  |
| 10 | a | } | Light to fresh Southerly and South-Westerly winds; fair at first, with a moderate sea, rain later, with a rather rough sea.                      |
| 11 | b |   |  |

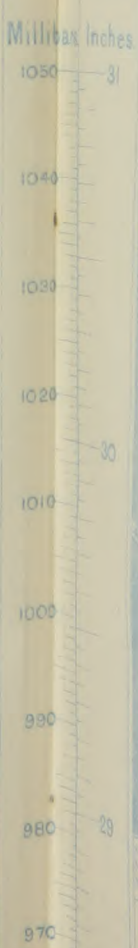
**STORM WARNINGS.**  
The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

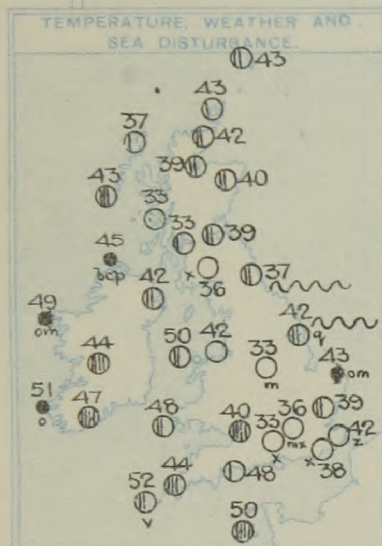
Western Channel and Bay

### FURTHER OUTLOOK.



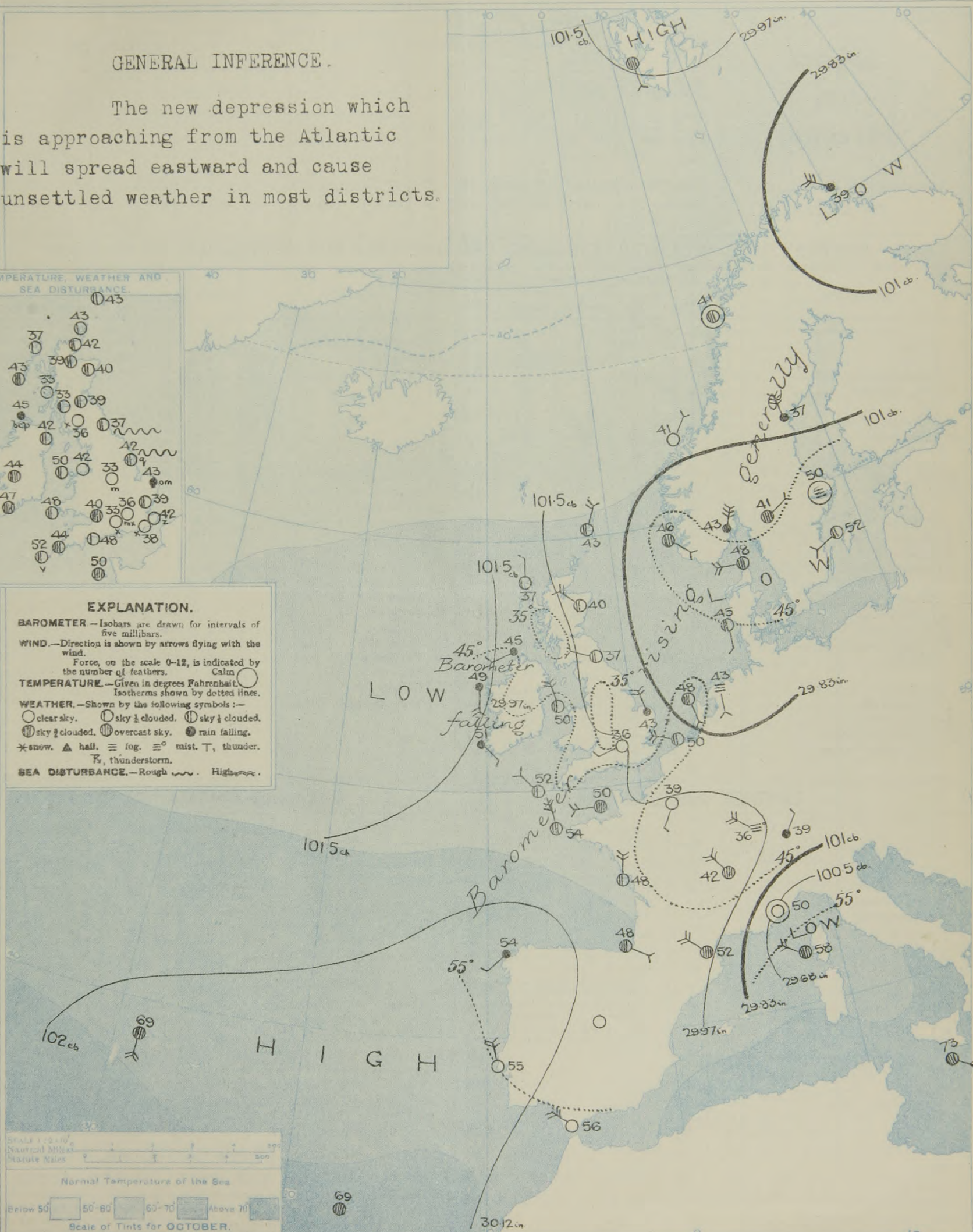
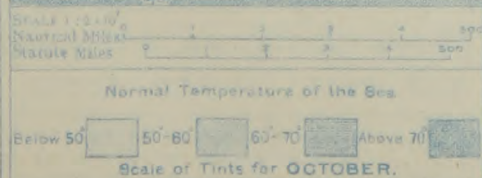
# GENERAL INFERENCE.

The new depression which is approaching from the Atlantic will spread eastward and cause unsettled weather in most districts.



## EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind.  
 Force, on the scale 0-12, is indicated by the number of feathers. Calm   
**TEMPERATURE.**—Given in degrees Fahrenheit.   
 Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 clear sky. sky 1/2 clouded. sky 3/4 clouded. overcast sky. rain falling.  
 \* snow. hail. fog. mist. thunder.  
 thunderstorm.  
**SEA DISTURBANCE.**—Rough High .



## DAILY WEATHER REPORT.

Friday, 12 October

1915.

REPORTS  
FOR  
YESTERDAY.

30th September

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.												Rain-fall. Milli- metres.		TEMP. Max. Min.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.							
			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.										
Spitzbergen	10163	27	N	2	0	10146	0	23	-2	SSE	4	*	0	*	*	27	19				
Vardo	10158	37	SE	3	C	10097	-3	39	+3	NE	3	-	6	3	*	39	32				
Petrograd	10056	46	NNW	1	6	10110	+2	41	-5	SE	2	-	6	4	*	57	41				
Nice	9987	57	-	0	6	10066	+1	57	-1	-	0	+	6	4	36	70	50				
Madrid	10073	61	NNW	4	6c	10137	+4	50	-5	-	0	NE	6	*	-	66	46				
Rome	10070	64	SE	2	C	10047	0	70	49	SE	1	-	0	*	4	70	61				

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
		°F.	°F.						°F.	°F.			
Scotland.							Tunbridge Wells ...	Trace	49	33	0	og pom	0.2
Oban ...	5	54	33	6	6	3.5	Margate ...	-	52	44	0	o.c.o	0.6
Banff ...	5	50	42	6c	6c	8.1	Ramsgate ...	-	54	42	0	o.c	1.5
Carnoustie ...	0.3	52	39	6c	6c	6.6	Hastings ...	-	53	36	6c	0	6.4
St. Andrews ...	-	50	37	*	*		Bexhill-on-Sea ...	-	53	36	6c	0	
England.							Eastbourne ...	-	53	39	6	0	9.4
Harrogate ...	-	51	41	6c	6c	6.5	Seaford ...	Trace	51	37	C	0	2.3
Skegness ...	1	51	40	6c	6c	4.1	Brighton ...	-	53	37	o.c	0	2.4
Morecambe ...	-	52	44	6	6c	7.2	Worthing ...	0.3	53	37	C	o.c.o	1.5
Blackpool ...	-	52	43	6c	6c	6.1	Littlehampton ...	-	51	?	o.c	0	3.0
Southport ...	-	52	43	6c	6c	8.7	Bognor ...	-	51	36	6c	0	3.3
Midlands.							Southsea ...	-	52	38	6c	0	3.0
Buxton ...	0.3	47	38	6c	6c	3.0	Bournemouth ...	-	55	36	6	6	8.5
Leamington Spa ...	-	52	36	6c	6c	6.3	Weymouth ...	-	56	39	6	6c	8.8
Malvern ...	-	54	41	6c	6c	9.8	Torquay ...	-	56	40	6c	6c	9.3
Ross-on-Wye ...	-	56	36	6m	6m	10.2	Paignton ...	1	57	41	6	6	9.7
Wales.							Falmouth ...	9	54	42	6c	6c	4.8
Rhyl ...	2	53	44	6c	6c	6.3	Penzance ...	8	57	46	6c	6c	7.0
Colwyn Bay ...	5	53	45	6c	6c	0.6	Newquay ...	10	52	43	6c	6c	4.0
Llandudno ...	-	53	40	6c	6c	9.0	Ilfracombe ...	-	55	45	6c	6c	9.0
Aberystwyth ...	3	53	40	6c	6c	7.0	Weston-super-Mare ...	-	56	44	6	6c	7.5
Tenby ...	4	55	40	6c	6c								
England.													
Cromer ...	3	52	47	6c	6c	1.0							
Lowestoft ...	2	54	42	6c	6c	5.4							
Felixstowe ...	0.2	54	39	6c	6c	3.0							
Walton-on-Naze ...	-	51	38	6c	6c	2.4							
Southend-on-Sea ...	-	52	39	6c	6c	4.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day. Hr.	TEMPERATURE.			Rain- fall. mm. §	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.			Fore- noon.	After- noon.	Night.
	%	%		°F.	°F.	°F.				
Greenwich (Royal Obs.) ...	67	73	0.5	51	34	26	-	o.c	o.c	c.b.b.m.c
City (Bunhill Row) ...	*	*	1.3	*	*	*	-	*	*	*
Westminster (St. James's Pk.)	69	76		53	34	?	-	bc.o	o.b.c	bm
Camden Sq. (Brit. Rainfall)	64	74	2.5	55	35	30	-	bc	c.o	*
Hampstead (Reservoir) ...	*	69	3.0	50	33	20	-	bc.o	o.b.c	bc.x.b
Richmond Park ...	*	*								
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
				Total.		Average Rate.		Max. Rate.		
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				626 Joules		14.9 Milliwatts.		45 Milliwatts.		
S. Kensington (Roof of M.O.)	63	77	1.7							

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm. §	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.	Trace	55	38	33	b	bc	c. b	*
Darwen to 9 p.m.	-	52	43	*	c. bc. c.	c. bc	bc	3.8
Manchester "	-	51	39	29	bc	c	c	4.7
Birmingham "	*							*
Oxford to 8 p.m.								
Teignmouth to 9 "								
Plymouth "								
S. Kensington (Museum Grounds to 6 p.m.)	-	52	37	28	b. bc.	bc. c. o	c. bc.	*

## NOTES ON YESTERDAY'S WEATHER.

Showers fell in many localities. Over a large portion of the United Kingdom the thermometer failed to reach 55° and at a few stations in north Britain it did not touch 50°. Sharp ground frost occurred at night in most inland districts. Aurora was seen in the north and west of Scotland.

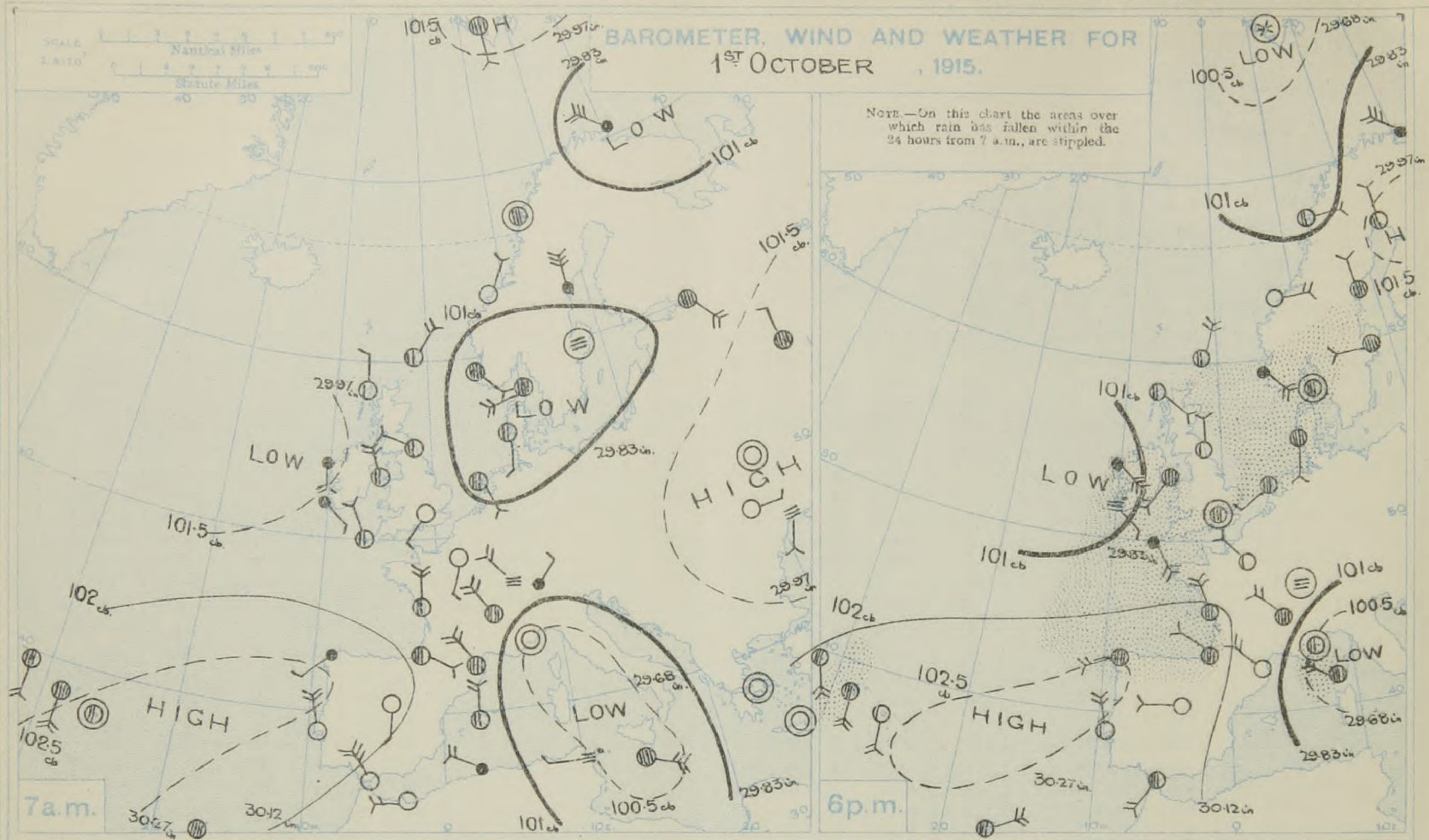
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 275

Saturday, 2nd October, 1915.

	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.	
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP. °F.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick	1014.9	45	NNE	4	bc	1015.5	0	46	+3	NNE	3	-	o	3	1	48	42	bcp	bc	cp	Hours.	
	Deerness	1014.9	43	N	1	bc	1016.2	0	40	-3	N	1	NE	bcp	1	-	49	39	b.b.c	bc	b.c.	7.2	
	Stornoway	1014.7	46	ESE	2	bc	1014.4	+1	41	+4	SE	1	-	b	1	-	52	37	bc	bc	bc.b	6.7	
	Castlebay (Barra Isd.)	1013.4	49	SE	4	o	1012.1	0	49	+6	ESE	4	-	o	4	-	50	42	c.o	o	o.b.c.o	1.7	
	Glasgow	1015.0	44	E	1	c	1015.7	+1	37	+7	ENE	3	W	c	4	-	46	32	b.b.c.f	cf	bc.b.f	1.5	
	Eskdalemuir	1015.9	39	-	0	bc	1016.4	+1	36	0	N	2	SE	c	4	-	50	30	b.c.b.v.o	o.c.b.c	bc.c	4.9	
	Malin Head	1012.2	44	S	4	omr	1009.8	+1	47	+2	S	3	S	cng	4	5	50	42	or	omr	omr	0.0	
	Blacksod Point	1006.8	50	SE	6	omd	1010.6	+3	56	+7	WSW	2	-	afe	3	9	57	47	omd	omd	omd.o	0.0	
	Valencia	1009.4	55	SE	1	m	1013.0	+4	59	+8	WNW	3	-	o	4	5	60	50	omr	omr	omr.o	0.0	
	Roche's Point																						
	Birr Castle	1010.3	48	SE	2	r	1011.0	*	56	+12	W	1	-	o	4	11	57	43	or	or	or.o	0.0	
	Donaghadee	1014.0	47	S	3	cg	1011.7	+3	47	+5	SSE	4	-	omrg	3	12	51	41	c	cg	omrg	*	
	Liverpool (Bidston)	1015.3	49	WNW	1	o	1014.3	+1	45	+3	SE	2	E	o	2	1	52	42	bc	om	or	3.6	
	Holyhead	1014.4	51	SW	3	or	1012.5	0	48	-2	E	5	-	omd	4	9	55	46	c.b.c	c.o	omr	3.6	
	Pembroke (St. Ann's)	1015.4	50	S	3	o	1011.4	+1	54	+6	SSE	3	-	fd	4	14	54	48	bc	c	of	1.4	
NORTHERN EUROPE.	Scilly (St. Mary's)	1014.6	52	SSE	4	m	1011.6	+3	58	+6	WNW	4	-	fe	4	15	58	51	or	omd	omr.fe	0.0	
	Falmouth	1016.1	51	SW	1	or	1011.6	0	56	+11	-	0	-	afe	2	17	55	43	o.c.o	o.or	or.o	0.7	
	Jersey (St. Aubin)	1017.8	55	W	3	o	1013.8	*	53	+3	SSE	3	-	omr	3	5	58	49	o.b.c	c.o	bc.omr	4.3	
	Portland Bill	1016.4	54	WSW	2	c	1013.3	-2	53	+5	S	4	S	or	4	3	56	48	c.b.c	c	c.or	*	
	Dungeness	1016.3	48	NNW	1	bc	1014.6	0	54	+16	SSE	3	S	or	4	-	55	38	bc.og	og.bc	bc	*	
	Dover	1016.8	45	NW	1	m	1016.8	0	51	+9	SSE	3	S	or	4	6	54	38	bc	bc	bc.o	9.3	
	Wick																						
	Nairn	1015.5	44	-	0	c	1016.0	+1	34	-8	W	2	-	c	2	1	49	31	bc	bcp	bc.c	*	
	Aberdeen	1015.4	41	-	0	b	1015.0	*	30	-9	-	0	-	b	1	-	51	28	bc	b	bc	7.2	
	Leith	1015.6	41	NNW	2	b	1016.8	+1	33	-7	-	0	-	bcp	2	0.4	51	31	bcp	bc.b	ogx	7.6	
	Tynemouth	1014.4	44	SE	1	c	1015.6	+2	35	-4	W	1	-	b	2	-	53	32	bc	bc.c	c.o	*	
	Spurn Head	1014.9	46	N	2	b	1015.9	+1	36	-1	W	1	-	of	4	-	51	36	bc	bc	bc.o	*	
	Yarmouth	1015.9	49	NNW	4	bcp	1016.5	0	45	+9	WSW	2	-	of	4	-	52	42	bc	bc	bc	6.6	
	Yarmouth																						
	Clacton-on-Sea	1015.6	47	NNW	3	bc	1017.7	+2	44	-2	W	2	-	bcp	2	3	54	41	bcp	bc	bcp	5.1	
Nottingham	1016.0	49	WNW	1	bc	1016.8	0	45	+6	NNE	2	N	c	1	-	54	38	bc	bc	bc.c	8.0		
Bath	1015.5	45	E	1	o	1015.9	*	41	+8	E	1	-	om	4	-	54	32	b.b.c	c.o	om	4.5		
Sth Farnborough	1016.2	51	W	1	o	1014.8	*	46	+6	SE	1	SE	r	4	5	56	39	m.c.b.c	bc.c.og	gp.or	3.5		
London (Kew Obsy.)	1016.4	47	SW	1	o	1015.4	0	43	+10	ESE	1	-	ol	4	1	57	32	bc	bc	bc.o	8.4		
London (Kew Obsy.)	1017.1	46	-	0	cm	1016.5	+1	44	+8	ESE	1	-	om	4	0.3	54	36	bm.b.c	bc.c.c	cm.b.c	8.7		
FRANCE, &c.	Spitsbergen	1000.7	27	-	0	S	1005.5	-3	32	?	S	5	-	S.	4	32	23						
	Vardö	1013.5	39	NW	3	r	1019.3	+3	39	0	NW	5	-	c	3	*	39	34					
	Edö	1007.7	36	E	2	bc	1020.4	+2	34	-7	E	4	-	b	2	-	43	30					
	Christiansund	1013.2	43	E	3	b	1016.4	+2	39	-2	NE	1	-	b	2	-	45	37					
	Skudesnaes	1011.0	46	SE	4	r	1014.9	+1	48	+2	-	0	-	b	2	5	48	45					
	Færder (X'iania Fjord)	1013.9	43	NNW	1	o	1016.7	+2	43	0	ENE	2	SW	c	1	6	43	37					
	The Scaw (Skagen)	1012.7	46	-	0	C	1014.8	+2	48	0	ESE	1	-	bc	1	3	52	43					
	Blaavands Huk	1011.4	48	SSW	2	o	1013.6	+1	45	0	SSE	1	-	f	0	3	52	41					
	Haparanda																						
	Haparanda	1015.9	32	N	2	bc	1019.3	+1	34	?	NNE	4	-	c	4	-	39	28					
	Hernösand	1014.7	41	N	2	o	1017.2	+2	37	0	N	2	-	o	4	5	41	34					
	Stockholm	1011.7	48	W	2	o	1014.6	+3	45	-5	W	2	-	o	4	-	54	43					
	Wisby	1013.5	48	WSW	2	o	1015.3	+1	50	-2	N	2	-	o	4	-	52	46					
	Karlstad	1012.4	46	E	2	o	1016.8	+4	41	0	-	0	-	o	4	-	48	39					
	Petrograd (5 a.m. G.M.T.)	1012.4	46	E	2	o	1016.8	+4	41	0	-	0	-	o	4	-	48	39					
SOUTHERN EUROPE.	The Helder	1012.8	50	WSW	1	c	1017.0	+2	54	+6	WNW	2	-	c	2	4	55	50					
	C. Gris Nez	1016.6	54	WNW	3	bc	1014.3	+1	44	+1	SSE	3	-	bc	2	-	55	45					
	La Hève	1017.7	55	SW	3	r	1013.2	*	59	+5	NW	3	-	m	3	14	59	50					
	Ushant	1019.0	55	WSW	4	o	1013.2	+2	57	+3	SSE	3	-	o	2	15	61	55					
	Rochefort (Ile d'Aix)	1020.4	57	NNW	4	c	1015.5	0	52	+4	SSE	4	-	r	4	1	61	48					
	Biarritz	1020.8	58	NW	2	o	1015.9	-4	50	+2	SSW	3	-	r	3	6	59	48					
	Paris																						
	Paris	1018.3	45	-	0	b	1018.9	+1	36	-3	-	0	N	b	4	-	55	32					
	Belfort	1017.6	43	-	0	m	1020.2	*	32	-4	-	0	-	f	4	-	48	31					
	Lyon	1018.1	46	NNW	2	o	1018.0	*	44	-1	NNW	4	-	b	4	1	55	38					
	Nice	1020.4	49	-	0	bc	1020.2	+2	51	+1	E	1	-	b	3	3	70	43					
	Perpignan	1017.3	54	NW	3	b	1016.4	-1	54	+2	W	2	N	bc	4	-	64	48					
	Sanguinaire	1017.3	60	NNW	4	o	1016.4	-1	54	+2	W	2	N	bc	4	-	64	48					
	SOUTHERN EUROPE.	Corunna (7 a.m.)	1025.2	61	WSW	3	o	1025.0	+2	63	+9	WSW	5	-	p	4	1	63	54				
		Madrid (8 a.m.)	1020.6	59	W	2	b	1020.4	-1	55	+9	W	2	NE	c	4	-	61	43				
Lisbon (9 a.m.)		1024.4	63	NNW	4	b	1025.7	+2	61	+6	N	4	N	b	5	-	68	55					
Gibraltar		1021.0	64	SW	3	b	1022.0	*	56	0	E	2	-	b	1	-	71	54					
Rome		1021.0	64	SW	3	b	1022.0	*	56	0	E	2	-	b	1	-	71	54					
Malta (8 a.m.)	*	*	*	*	*	1012.3	+4	66	-7	WNW	4	-	r	2	Trace	81	66						
Azores (Horta, 8 a.m.)	1023.4	*	S	4	c	1020.0	0	68	-1	SSE	5	-	o	3	3	71	68						
Madeira (Funchal)	1022.6	72	ENE	4	c	1023.4	0	68	0	ENE	3	NE	bc	3	-	78	64						
South Farnborough																							
Pilot Balloon Ascent at about 7 a.m.																							
500 metres Sky E 14 miles per hour																							
2000 metres Sky E 19 miles per hour.																							



FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

FORECAST DISTRICTS.



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

The SOUTH CONE was hoisted at 11.20 p.m. yesterday in Districts 0, 6, 8, 9 and 10. It was lowered at 1.40 a.m. this morning.

Western Channel and Bay 1)

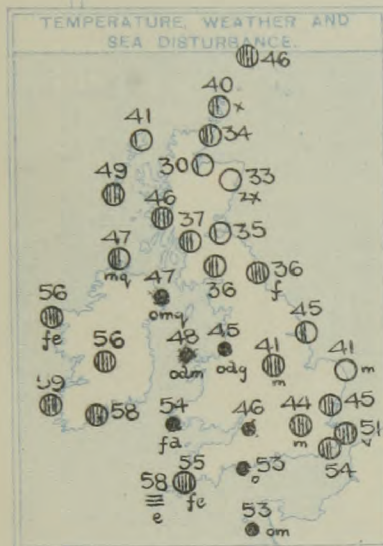
- 0 { Variable or light South-Easterly airs; fair generally, but misty or foggy in places; cold.
- 1 {
- 2 { Light variable breezes, finally South-Easterly; becoming dull and misty, with occasional slight rain; rather warmer.
- 3 {
- 4 { Light winds from between South-East and South-West; dull and misty; occasional rain; becoming milder.
- 5 {
- 6 { Light or moderate Easterly and South-Easterly winds; dull, misty, occasional rain; rather warmer.
- 7 {
- 8 { Light or moderate Westerly to South-Westerly winds; changeable, some rain; foggy on coast; warmer.
- 9 { Light or moderate Westerly to South-Westerly winds; changeable, some rain, misty on coast, warmer.
- 10 { Fresh Westerly to South-Westerly winds and a rather rough sea; changeable, some rain, misty in places.

FURTHER OUTLOOK.

# SYNOPTIC CHART FOR 7 a.m., SATURDAY, 2<sup>ND</sup> OCTOBER, 1915.

## GENERAL INFERENCE.

The complex low pressure system in the west and south will probably spread further eastward. The weather over England will remain dull and misty, with occasional rain in most districts.



## EXPLANATION.

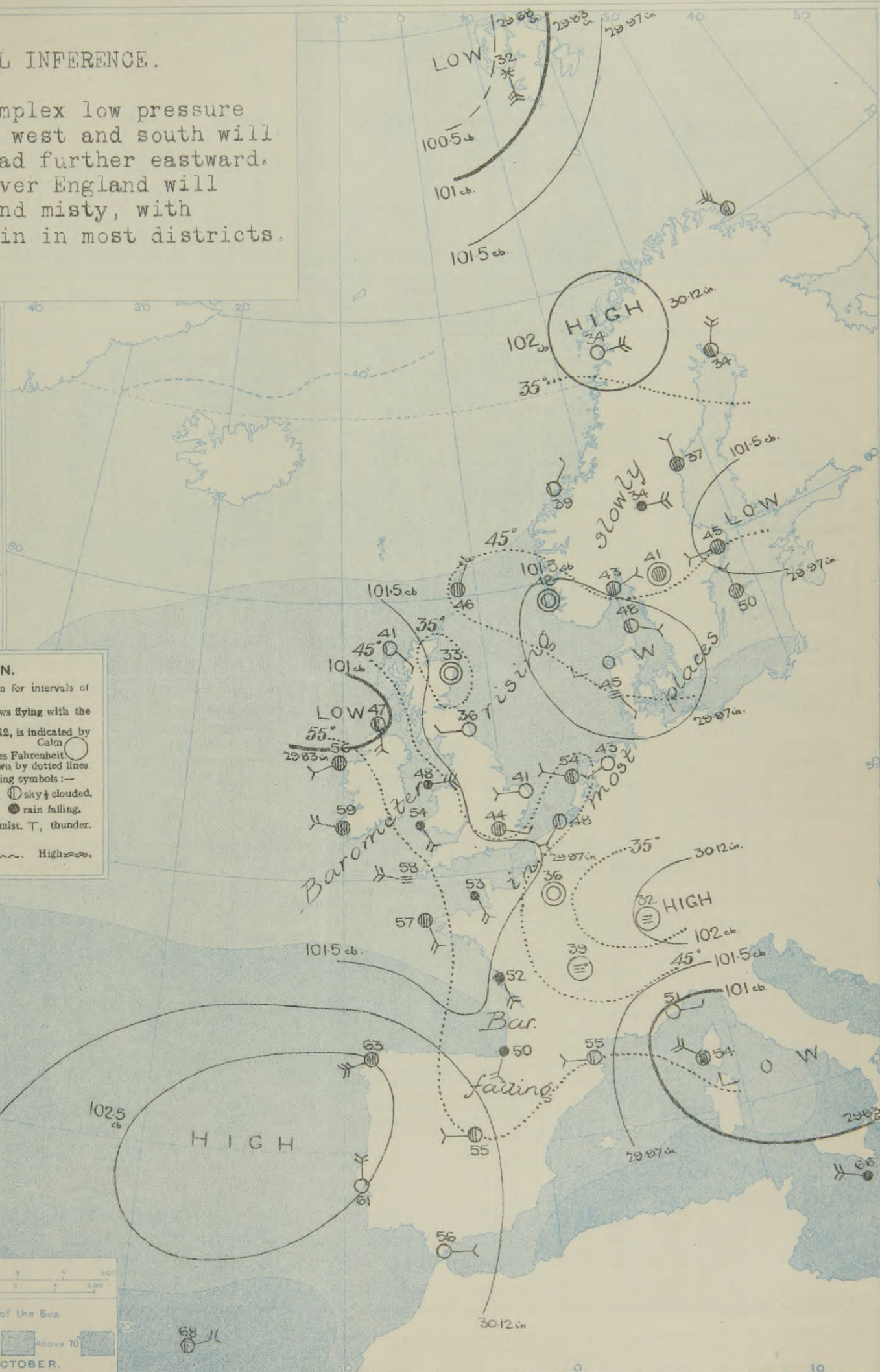
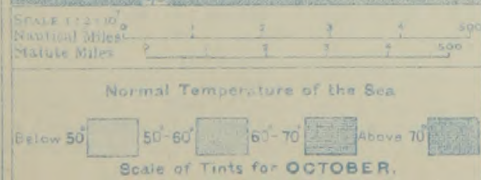
**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**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 3/4 clouded. ⊙ overcast sky. ● rain falling.  
✱ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
⚡, thunderstorm.

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



## DAILY WEATHER REPORT.

Saturday, 2<sup>nd</sup> October 1915.REPORTS  
FOR  
YESTERDAY.1<sup>st</sup> October

## EVENING OBSERVATIONS.

## OBSERVATIONS AT 7 A.M., G.M.T.

STATIONS.	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. ° F.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.	
			Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.
Petrograd	1013.6	52	SE	2	z	1012.8	-1	45	+4	SE	4	-	0	*	-	59	41
Madrid	1009.9	59	E	2	C	1022.1	+3	46	-4	-	0	-	z	*	?	63	39

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		° F.	° F.	z	z	4.5	Tunbridge Wells ...	-	56	32	z	z. dom	8.1
Oban ...	-	52	31	z	z	4.5	Margate ...	-	54	44	z	z	8.0
Banff ...	0.5	51	41	bc	z. bc	5.2	Ramsgate ...	-	53	38	z	z	7.9
Carnoustie ...	-	-	-	-	-	-	Hastings ...	-	56	34	z	z	10.1
St. Andrews ...	-	53	37	*	*	6.7	Bexhill-on-Sea ...	-	-	-	-	-	-
Eng. N.E.		° F.	° F.	z	z. bc	7.5	Eastbourne ...	-	57	39	z	z	9.4
Harrogate ...	-	51	36	z	z. bc	7.5	Seaford ...	-	55	37	bc	bc	10.0
Skegness ...	-	53	38	z. bc	z. bc	6.9	Brighton ...	-	59	?	z	z. bc. c. o	9.0
Eng. N.W.		° F.	° F.	z	z. bc	7.5	Worthing ...	-	58	38	bc	bc	8.6
Morecambe ...	-	50	32	z	z. bc	7.5	Littlehampton ...	-	55	?	bc	bc	8.4
Blackpool ...	-	55	32	b	bc. c. o	7.5	Bognor ...	0.1	56	36	z	z	8.0
Southport ...	-	52	34	b. bc	c. o	7.3	Southsea ...	-	57	37	z	z	7.5
Midlands.		° F.	° F.	z	z	4.3	Bournemouth ...	-	56	35	c	c. o	6.6
Buxton ...	-	50	32	z	z	4.3	Weymouth ...	-	56	39	bc. z	bc. c	4.2
Leamington Spa ...	-	54	30	z. bc	bc. c	5.1	Torquay ...	-	57	42	c	c. o	2.1
Malvern ...	-	55	41	z. bc	bc. c. o	5.8	Paignton ...	-	58	43	b. bc	bc. om	3.2
Ross-on-Wye ...	-	57	37	bc	om	3.6	Falmouth ...	1	55	44	o. c. o	o. c. o	0.7
Wales.		° F.	° F.	z. bc	z. bc	1.2	Penzance ...	1	57	46	c. o. r	o. c. r	0.0
Rhyl ...	6	54	39	z. bc	z. bc	2.0	Newquay ...	Trace	55	44	o. c. o	o. c. r	0.4
Colwyn Bay ...	3	52	45	z. bc	z. bc	1.0	Ilfracombe ...	-	55	48	z	z	1.0
Llandudno ...	-	-	-	-	-	-	Weston-super-Mare ...	-	57	40	z. bc	z. bc. c	2.1
Aberystwyth ...	1	53	39	z. bc	z. bc	0.9							
Tenby ...	2	53	38	bc. o	bc. o. r	0.9							
England, E.		° F.	° F.	z	z	3.1							
Cromer ...	8	52	45	z. bc	z. bc	3.1							
Lowestoft ...	4	53	40	bc. bc	bc. bc	4.1							
Felixstowe ...	-	55	38	bc	bc. om	8.0							
Walton-on-Naze ...	-	54	37	bc. z	bc. om	7.4							
Southend-on-Sea ...	-	57	38	z	z	9.0							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.			STATIONS.	RAIN- FALL.	TEMPERATURE.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.	Night Min. on Grass.	Night.	
Greenwich (Royal Obs.) ...	46	91	8.8	56	36	31	1	b. bc	bc	bc. o. r					
City (Bunhill Row) ...	*	*	8.4	*	*	*	*	*	*	*					
Westminster (St. James's Pk.)	52	86	8.2	56	39	?	1	bc	bc	bc. r					
Camden Sq. (Brit. Rainfall)	51	92	7.5	59	40	37	1	b	b. bc	*					
Hampstead (Reservoir) ...	*	83	9.4	55	39	27	1	b	bc. c	cor					
Richmond Park ...	*	*	8.8												
Kew. (See front page.)															
(Greenwich and Camden Square air temperatures are in Glaisher screens.)															
S. Kensington (Roof of M.O.)	49	80	8.7	1042 Joules	25.0 Milliwatts.	50 Milliwatts.									

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

2 <sup>nd</sup> 3 <sup>rd</sup> Oct. 1915.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.57	11.42	5.27
Greenwich ...	5.58	11.42	5.25
Wick ...	6.3	11.49	5.35
Valencia ...	6.21	12.1	5.42
	6.23	12.1	5.37
	6.44	12.30	6.16
	6.46	12.30	6.14

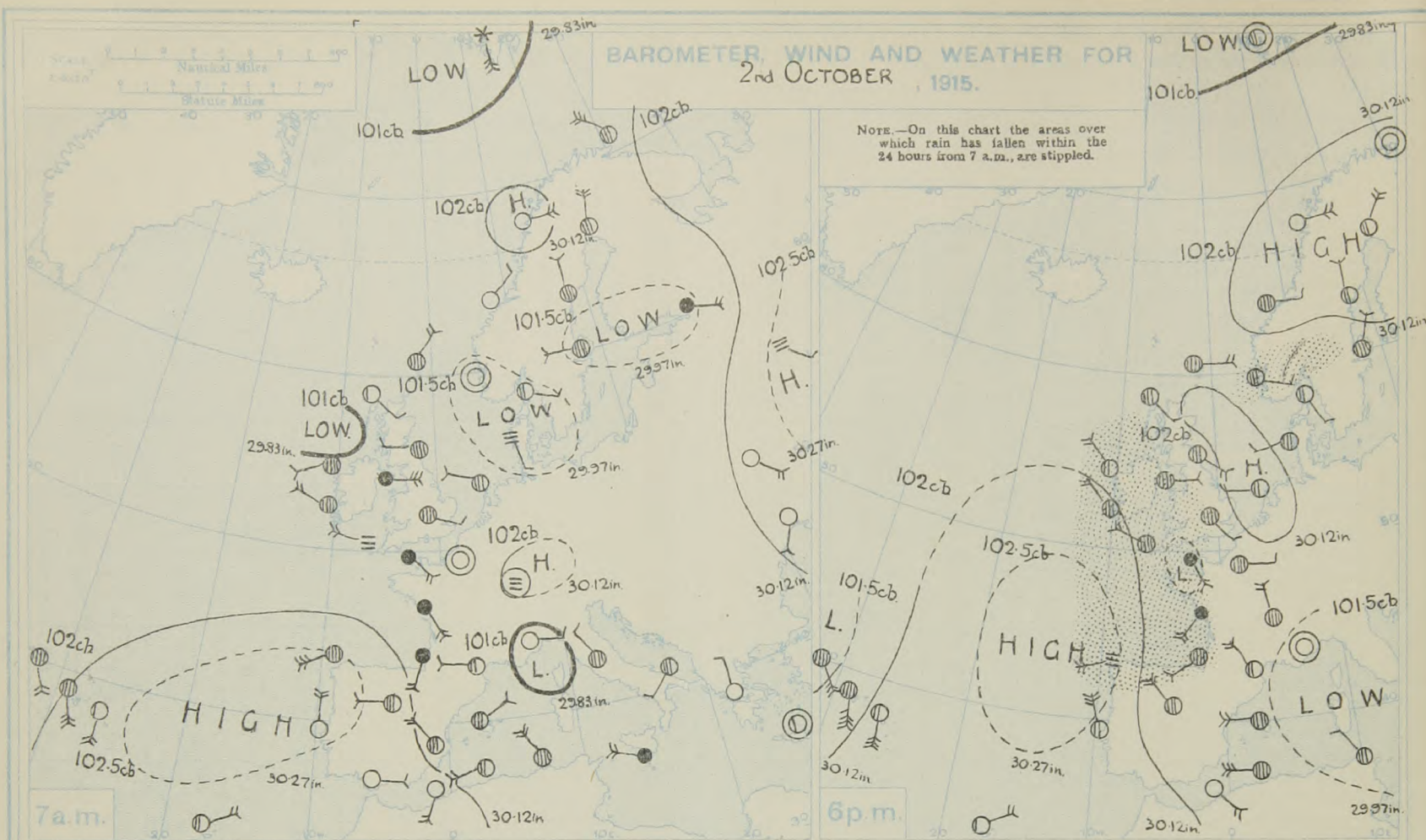
## NOTES ON YESTERDAY'S WEATHER.

Over a large portion of the United Kingdom the thermometer again failed to reach 55° and in the extreme north of Scotland it did not touch 50°. Considerable quantities of rain fell in the west and small amounts in most other districts.

NOTE.—The information relating to weather is indicated by the following letters:—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

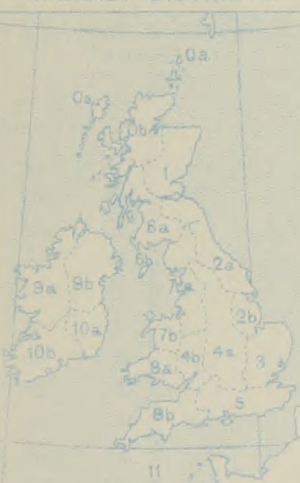
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**FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

Western Channel and Bay 11

Calms or light variable airs; fine

in places, but chiefly misty or foggy;

rather cold.

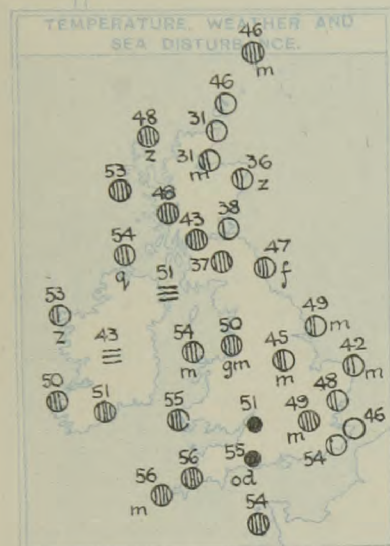
Light Northerly winds, backing later to West or South; fair generally, but misty or foggy in places; normal temperature.

Light North-Westerly winds, and a moderate sea; fair in places, but chiefly misty or foggy.

**FURTHER OUTLOOK.**

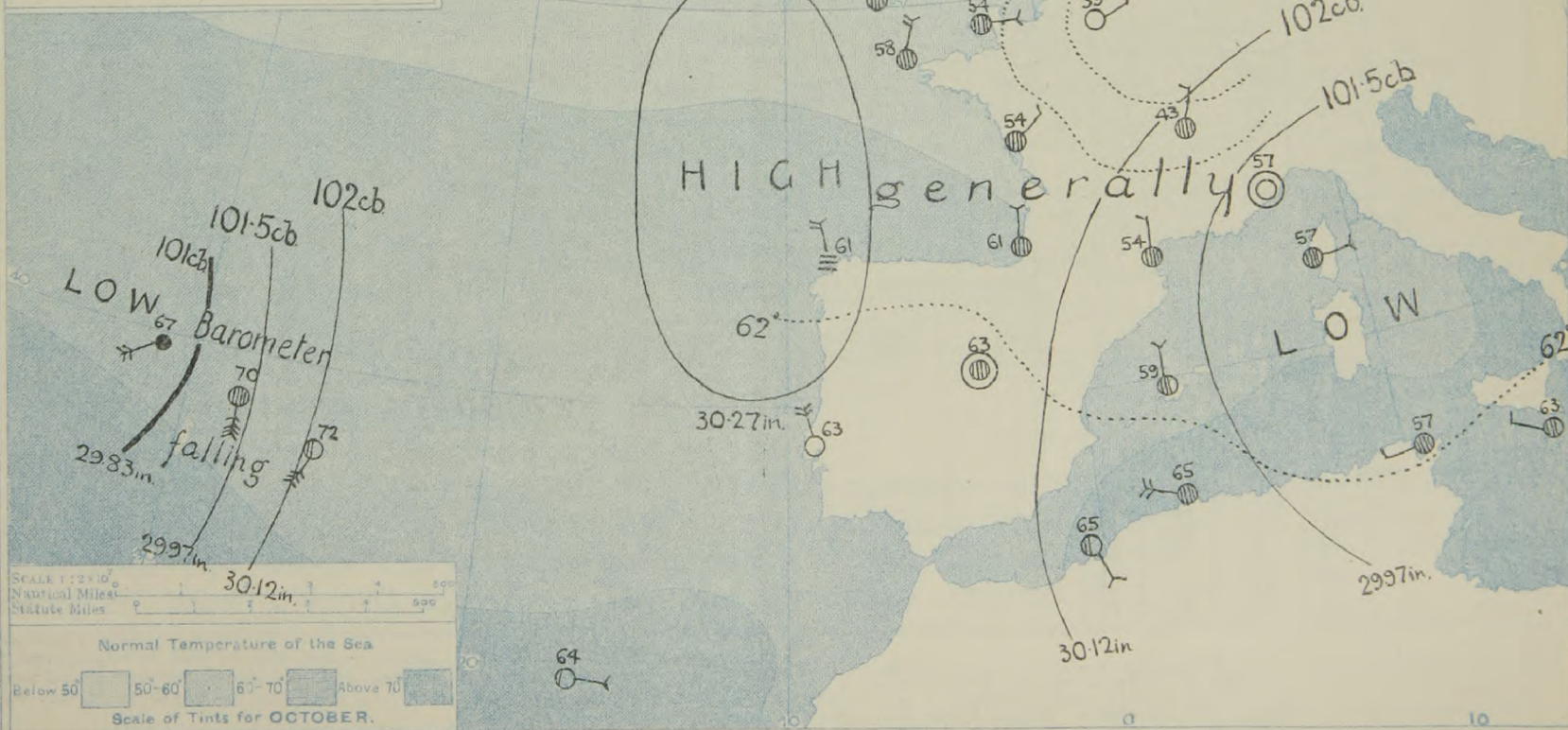
# GENERAL INFERENCE.

Pressure is likely to remain very uniform, the winds light and variable, and the weather fine in places, but chiefly misty or foggy.



## 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. overcast sky. rain falling. snow. hail. mist. thunderstorm.
- SEA DISTURBANCE.**—Rough High



## DAILY WEATHER REPORT.

Sunday, 3<sup>rd</sup> October, 1915.REPORTS  
FOR  
YESTERDAY.2<sup>nd</sup> October.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain- fall. Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.							
		° F.						° F.	° F.									
Petrograd	1015.5	55	S	3	0	1014.9	?	54	+13	ESE	3	-	r	*	16	57	45	
Rome	1006.4	59	N	1	0	1011.0	+4	57	-13	-	0	-	0	*	2	70	50	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		° F.	° F.				Tunbridge Wells ...		° F.	° F.			
Oban ...	-	53	38	0	0	0.0	Margate ...	1	53	37	o.c.	o.c.	0.0
Banff ...	-	53	28	bv	b.c.b	8.7	Ramsgate ...	-	57	43	c.b.c	b.c.z	2.3
Carnoustie ...	-						Hastings ...	0.3	54	39	c	c	1.1
St. Andrews ...	-			*	*		Bexhill-on-Sea ...		55	44	o.d	o.c	0.0
Eng. N.E.							Eastbourne ...	2	56	41	o	o	0.0
Harrogate ...	-	51	33	b.c.c	c.o	1.5	Seaford ...	2	56	42	or	o	0.0
Skegness ...	-	56	38	b.c.b	b.g.m	5.2	Brighton ...	9	55	41	or	or	0.0
Eng. N.W.							Worthing ...	3	56	42	or	o	0.1
Morecambe ...	-	51	43	o.r.g.m	o	0.0	Littlehampton ...	3	55	49	o	or	0.0
Blackpool ...	1	51	43	o	o	0.0	Bognor ...	1	55	44	or	o.p	0.0
Southport ...	-	52	43	o	o	0.0	Southsea ...						
Midlands.							Bournemouth ...	18	55	45	or	or	0.0
Buxton ...	2	46	37	o.r.o	o.r	0.0	Weymouth ...	8	55	49	or	or	0.0
Leamington Spa ...	4	51	41	or	or	0.0	Torquay ...	10	58	50	o.d	o	0.0
Malvern ...							Paignton ...	11	59	49	o.d	o	0.0
Ross-on-Wye ...	6	52	44	or	or	0.0	Falmouth ...	17	61	50	o.e	o	0.5
Wales.							Penzance ...	23	64	51	b.c.o	o.m	2.5
Rhyl ...							Newquay ...	8	60	49	o	o	0.0
Colwyn Bay ...							Ilfracombe ...	5	60	46	o.d	o.r.d	0.0
Llandudno ...							Weston-super-Mare ...						
Aberystwyth ...	6	55	45	o.c	o	0.0							
Tenby ...	14	56	47	b.c.o.d	r	0.0							
England.													
Cromer ...	-	60	41	b.b.c.m	b.c.m	7.3							
Lowestoft ...	-												
Felixstowe ...	-	58	36	c.m	c.r	1.8							
Walton-on-Naze ...	-	55	39	c.b.c.c	c	1.0							
Southend-on-Sea ...	-	55	40	c.o	o	0.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 76	% 71	Hr. 0.0	* F. 57	* F. 44	* F. 37	mm. ‡ 1	od	od	od bc
City (Bunhill Row) ...	% *	% *	0.0	% *	% *	% *	% *	% *	% *	% *
Westminster (St. James's Pk.)	78	74	0.0	55	47	45	1	b.e	o.e	u.e
Camden Sq. (Brit. Rainfall)	87	79	0.0	54	46	43	1	or	or o	*
Hampstead (Reservoir) ...	% *	76	0.0	53	45	37	1	or.d	or.m	or.m
Richmond Park ...	% *	% *	0.0							
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	77	74	0.0	287 Joules		6.9 Milliwatts.		18 Milliwatts.		

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

3 <sup>rd</sup> Oct. 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.58	11.42	5.25
Greenwich ...	6.0	11.43	5.23
Wick ...	6.7	11.49	5.33
Valencia ...	6.23	12.1	5.39
	6.26	12.1	5.36
	6.45	12.30	6.14
	6.47	12.30	6.12

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL. mm. §	TEMPERATURE.		Night Min. on Grass.	WEATHER.		Sun- shine for Yester- day. Hr.
		In Screen.	Night Min. on Grass.		Fore- noon.	After- noon.	
		Max.	Min.				
Dublin to 4 p.m.	16	59	47	45	o.r.g	o.g.f.d.c	c.b
Darwen to 9 p.m.							
Manchester "							
Birmingham "	7	49	42	36		r	r
Oxford to 8 p.m.	*	52	42	35	b.m.o.r	o.r.o.d	o.d
Teignmouth to 9 "	14	59	50	48	or	o.r.o	o.m
Plymouth "	6	56	51	-	c.b	o.m	o
S. Kensington (Museum Grounds to 6 p.m.)	1	53	42	32	c.b.m	or	o.d.o

## NOTES ON YESTERDAY'S WEATHER.

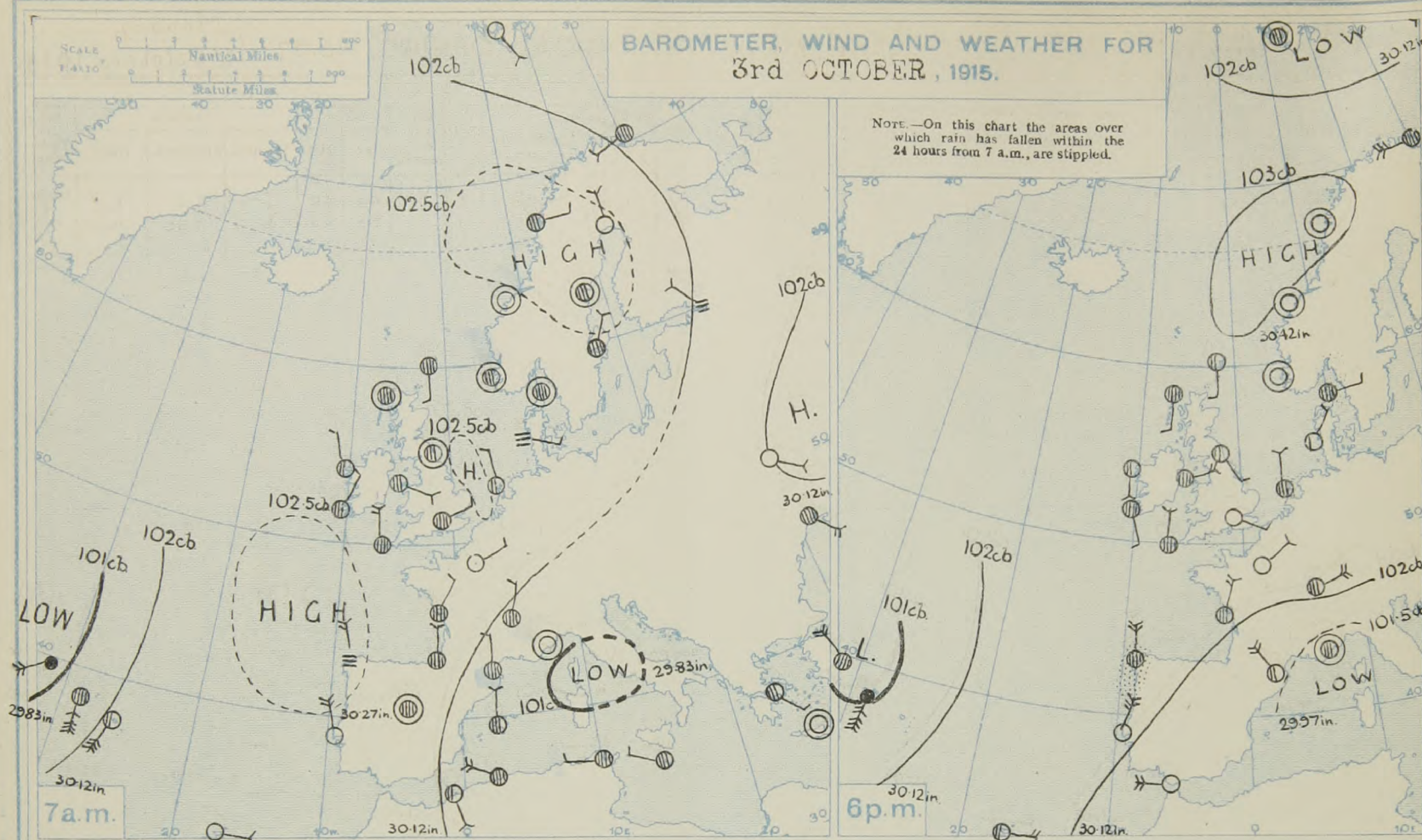
Over a large portion of the United Kingdom the thermometer failed to reach 55°, but on our south-west coasts it rose to between 60° and 65°. Rain fell in all but the northern districts, where the amount of bright sunshine was fairly large for the time of year.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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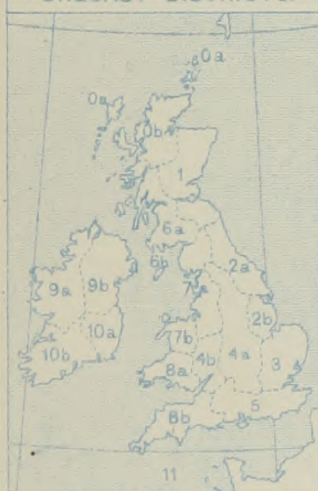
mm.	Inches.	mm.	Inches.
1	0·04	26	1·02
2	0·08	27	1·06
3	0·12	28	1·10
4	0·16	29	1·14
5	0·20	30	1·18
6	0·24	31	1·22
7	0·28	32	1·26
8	0·32	33	1·30
9	0·35	34	1·34
10	0·39	35	1·38
11	0·43	36	1·42
12	0·47	37	1·46
13	0·51	38	1·50
14	0·55	39	1·54
15	0·59	40	1·58
16	0·63	41	1·61
17	0·67	42	1·65
18	0·71	43	1·69
19	0·75	44	1·73
20	0·79	45	1·77
21	0·83	46	1·81
22	0·87	47	1·85
23	0·91	48	1·89
24	0·95	49	1·93
25	0·98	50	1·97

Wind at 500metres NNW 14 miles per hour.  
" " 1500 " N by W 20 " " "



**FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

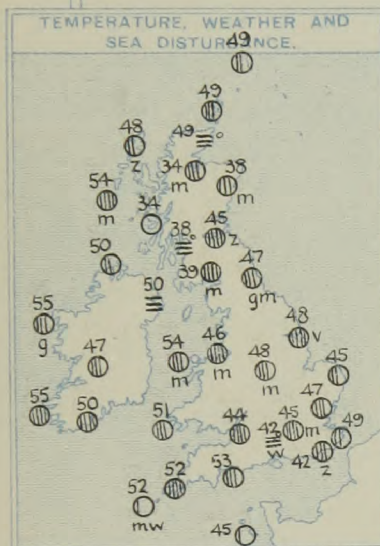
Western Channel and Bay 1)

- |   |
|---|
| 0 { a } Light Southerly breezes; fair generally, but misty      |
| 0 { b } in places; cool.  |
| 1 { }   |
| 2 { a } Light variable airs; and cloudy, misty weather.         |
| 2 { b }   |
| 3 { } Same as No 5.   |
| 4 { a } Light breezes, chiefly from the Eastward or North-      |
| 4 { b } Eastward; fair generally, but misty in places; cool.    |
| 5 { } Light to moderate Northerly winds and fair, cool          |
| 5 { } weather   |
| 6 { a } Same as Nos 1 and 2.                                    |
| 6 { b }   |
| 7 { a } Same as No 4.   |
| 7 { b }   |
| 8 { a }   |
| 8 { b }   |
| 9 { a } Same as No 0.   |
| 9 { b }   |
| 10 { a } Variable or light Easterly airs; cool, cloudy          |
| 10 { b } and misty.   |
| 11 { } Light to moderate Northerly and North-Easterly winds     |
| 11 { } and a moderate sea; fair generally, but misty in places. |

**FURTHER OUTLOOK.**

OCTOBER, 1915.

There are some indications of the development of a depression over Germany and the Netherlands, and the barometric gradient for Northerly winds over our eastern and southeastern districts is therefore likely to increase.



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

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

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

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

Isotherms shown by dotted lines.

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

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

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

 Th, thunderstorm.

**SEA DISTURBANCE.**—Rough  High .

# PILOT BALLOON ASCENTS for the PAST WEEK. Component Velocities to East and to North in Metres per Second.

Station Date & Hour.	Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.	
	S. Farnborough 27h.	7h. 25m.	S. Farnborough 28h.	7h.	Eskdalemuir 28h.	7h. 41m.	S. Farnborough 28h.	11h. 55m.	S. Farnborough 29h.	gh. 35m.	S. Farnborough 30h.	7h.	S. Farnborough 1st Oct.	7h. 10m.	Eskdalemuir 1st.	7h.	S. Farnborough 1st.	11h. 50m.	S. Farnborough 2nd.	7h. 10m.	S. Farnborough 2nd.	7h. 10m.	S. Farnborough 2nd.	7h. 10m.
Heights in Kilometres.	4.		+14	-1					+5	-5														
	3		+15	-2					+5	-6														
	2	+6	-5	+6	-2	+14	-6		-1	-14			+2	-7	-1	-5	+5	-6	-2	+8				
	1	+4	-5	+6	+2	0	-10	+5	+6	-1	-14		-11	+6	-7	-2	+8	-9	-2	+10				
	0.5	+4	-7	+6	+2	0	0	+1	+6	-1	-14	+2	-15	+6	-8	-9	+7	-6	-1	+6				
	0	+3	-2	+1	+1	0	+5	0	+2	+2	-5	+2	-4	+3	0	0	+6	-2	-4	0				

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		° F.	° F.				Tunbridge Wells ...		° F.	° F.			
Oban ...		55	?	0	0	0.0	Margate ...		59	45	bc.c	b.bcm	6.7
Banff ...		52	31	0	0	9.0	Ramsgate ...		59	43	bc	bc	8.1
Carnoustie ...							Hastings ...		58	45	bc	bc	8.6
St. Andrews ...							Bexhill-on-Sea ...		59	50	bc	bc	?
England, N.E.							Eastbourne ...		60	50	0	bc	5.6
Harrogate ...	1	55	48	0.c	0.0	1.2	Seaford ...		60	48	0.c	bc	4.5
Skegness ...		60	44	0	bc.0	7.9	Brighton ...	1	60	48	0.c	bc	3.9
England, N.W.							Worthing ...		61	50	0.c	bc	3.8
Morecambe ...		57	47	ogm	0	0.0	Littlehampton ...	0.2	58	52	0	bc	2.5
Blackpool ...		57	48	0	0	0.0	Bognor ...		61	51	bc	bc	0.8
Southport ...							Southsea ...	2	58	50	0.c	bc	0.0
Midlands.							Bournemouth ...	13	54	50	0.c	bc	0.0
Buxton ...		59	42	0.c	bc.c	1.0	Weymouth ...	7	56	54	modr	modr	0.0
Leamington Spa ...	4	55	48	0.c	0.c	0.0	Torquay ...	0.3	60	54	0	0	0.3
Malvern ...	4	55	48	0.c	0.c	0.1	Paignton ...		65	54	0.c	bc	7.5
Ross-on-Wye ...	1	55	48	0.c	0.c	0.1	Falmouth ...		65	54	0.c	bc	7.5
Wales.							Penzance ...		60	56	0.c	bc	7.5
Rhyl ...		58	48	0.c	bc	4.0	Newquay ...	0.3	60	56	0.c	bc	7.5
Colwyn Bay ...		57	50	0.c	bc	5.6	Ilfracombe ...		63	56	0.c	bc	3.3
Llandudno ...		58	51	0.c	0.0	0.5	Weston-super-Mare ...		57	49	0.c	bc	0.3
Aberystwyth ...	1	58	51	0.c	0.0	0.5							
Tenby ...													
England, E.													
Cromer ...	Trace	59	43	w.bm	bm	10.2							
Lowestoft ...		60	41	cm	bc	2.8							
Felixstowe ...		58	42	ogm	bc	1.8							
Walton-on-Naze ...		62	42	3.3	bc	8.0							
Southend-on-Sea ...													

## LONDON OBSERVATIONS.

STATIONS.	Humidity.		Sun- shine for Yesterday.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. Today.		In Screen.	Min. on Grass.	Max.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	50	82	6.9	51	39	38	—	0	b.bm	om
City (Banhill Row) ...	—	—	4.0	—	—	—	—	—	—	—
Westminster (St. James's Pl.)	—	80	4.1	61	42	39	—	bc	bc.bm	om
Camden Sq. (Brit. Rainfall)	—	81	3.5	63	41	37	—	—	—	—
Hampstead (Reservoir) ...	—	80	4.3	59	44	27	—	0.c	bc	0x
Richmond Park ...	—	—	5.4							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glastier screens.)										
S. Kensington (Roof of M.O.)	51	79	3.8	77.0	Joules	18.6	Milliwatts.	4.0	Milliwatts.	

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.		Sun- shine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	1	56	52	51	0	0.1
Darwen to 9 p.m.						
Manchester "						
Birmingham "	3	55	46	45	0	0.1
Oxford to 8 p.m.						
Teignmouth to 9 "						
Plymouth "						
S. Kensington (Museum Grounds to 6 p.m.)	—	62	49	44	0.c	0.1

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 60° and upwards in several parts of England and reached 65° at Falmouth; in the north of Scotland it scarcely exceeded 50°. Light rain was experienced locally in our western and southern districts.

NOTE.—The information relating to weather is indicated by the following letters:—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; i, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility; w, unusual transparency; x, dew; y, hoar frost; z, dust-haze, or smoke.

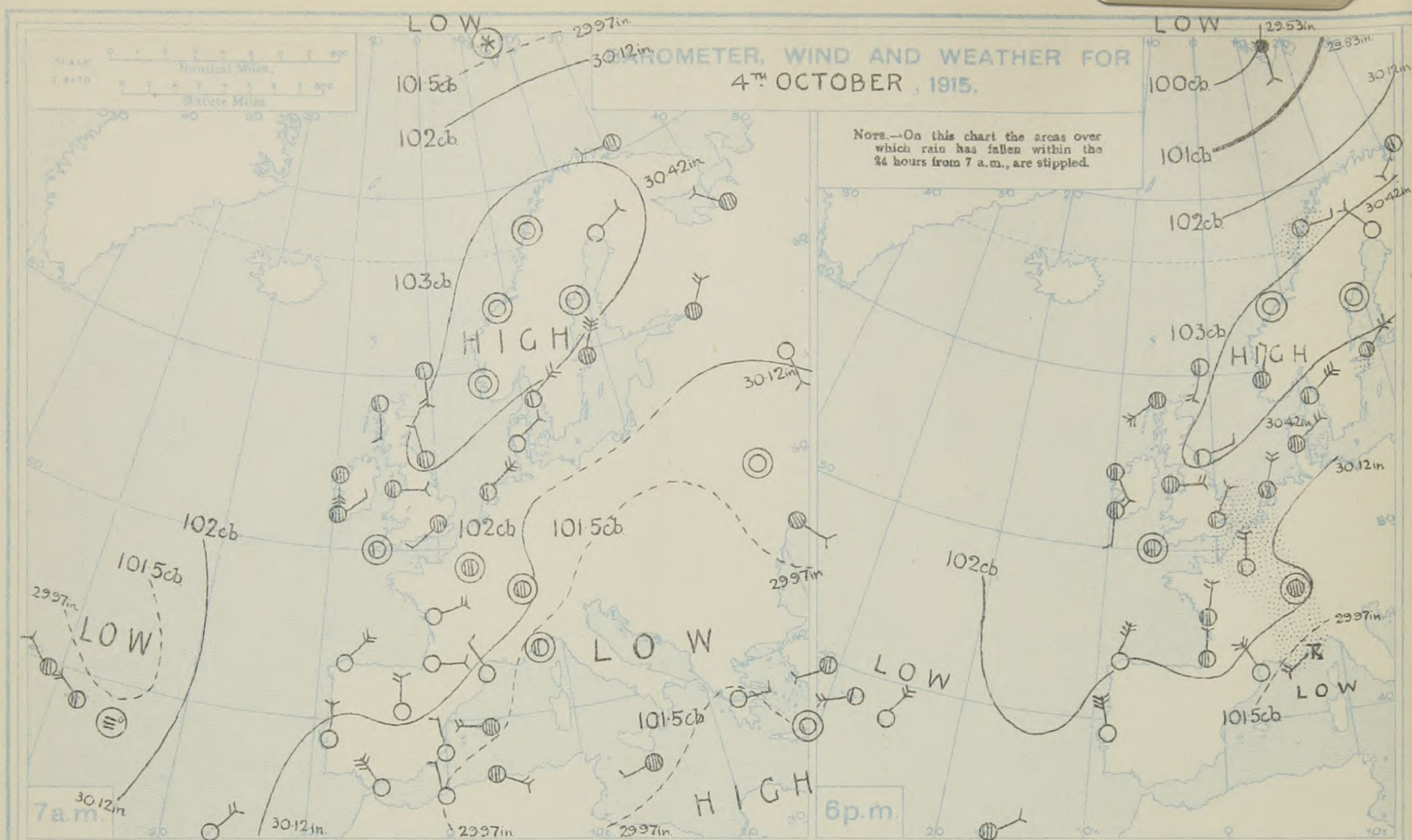
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 278. Tuesday, 5<sup>th</sup> October, 1913.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 5 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.	
Lerwick ...	1029.3	50	SSW	3	bc	1027.6	-1	50	+1	SSW	2	-	bc	2	-	53	48	bc	bc	bcw	Hours.
Deerness ...	1028.1	50	SSE	5	bc	1026.7	0	49	0	S	2	-	fe	1	-	53	48	bc	bc	bc fe	8.5
Stornoway ...	1027.0	56	SW	4	02	1026.2	0	48	0	S	1	-	bz	1	-	58	43	bc.02	02	bz	4.1
Castlebay (Barra Isd.)	1027.0	55	SE	4	om	1025.5	0	53	-1	SE	4	-	om	4	-	56	51	om	om	om	0.0
Glasgow ...	1029.2	48	ENE	2	bc	1029.2	-1	36	-2	ESE	1	NE	b	*	Trace	53	35	f.bz	bz	bf ex	4.8
Eskdalemuir ...	1030.2	43	NW	1	bcz	1029.9	-1	32	-7	-	0	-	bxz	*	-	53	29	om.bcz	bcz	bcz	4.0
Malin Head ...	1027.0	55	S	2	cm	1025.1	-1	48	-2	S	5	-	om	4	-	61	45	bc	bc	om	4.9
Blacksod Point ...	1025.6	57	SSE	3	cm	1023.4	-2	54	-1	SSE	3	S	cg	3	0.3	59	52	cm	cm	cm	*
Valencia ...	1025.9	58	S	1	c	1023.4	0	57	+2	SE	2	SE	cg	3	-	64	55	0 c	c.0	cm	1.2
Roche's Point ...	1027.2	57	SE	2	0	1025.7	*	56	+6	E	2	-	0	2	-	62	50	bc.02	02	ogm	*
Birr Castle ...	1026.5	57	E	1	c	1025.7	*	46	-1	-	0	-	0	*	-	63	45	c	c	c.0	9.7
Donaghadee ...	1027.8	51	ESE	2	cm	1026.7	0	48	-2	S	3	-	bm	2	Trace	56	48	cf	cf	bf bfe	*
Liverpool (Bidston)	1028.5	52	ESE	2	m	1028.2	0	40	-6	ESE	1	-	f	1	-	55	40	f.02	bm f	f	0.6
Holyhead ...	1027.5	56	E	3	om	1026.9	0	45	-9	E	1	-	bm	0	-	61	44	om	om	bm	1.1
Pembroke (St. Ann's)	1027.1	53	N	3	bc	1026.8	0	46	-5	ENE	3	-	bm	2	-	64	46	c	bc	bc	1.4
Scilly (St. Mary's)	1026.1	56	-	0	cm	1024.9	0	52	0	SE	1	NE	cm	2	-	63	50	bc	cm	cm	9.7
Falmouth ...	1026.4	55	SW	1	c	1025.8	0	45	-7	N	1	-	bz	4	-	62	45	bc.0	0 c	c.6w	1.5
Jersey (St. Aubin)	1025.1	54	NNE	2	c	1023.8	*	46	+1	NE	1	NE	bc	0	-	59	43	b.0	0 c	b.6c	0.8
Portland Bill ...	1026.3	54	NNE	2	c	1025.3	0	46	-7	NNE	3	-	b	3	-	59	44	c.0	og	c.b.c	*
Dungeness ...	1023.9	53	N	4	b	1022.5	-1	49	+7	N	3	-	r	2	1	58	41	bcfs	bc	bc op	*
Dover ...	1025.0	49	N	4	bc	1022.5	0	49	0	NW	3	NE	or	4	9	58	48	bc.baps	bc op c	c or b	7.5
Wick ...	1028.0	52	SE	2	m	1027.0	0	41	-8	SW	1	-	bc	2	0.2	53	35	c.bcz	bcz	bcz w	*
Nairn ...	1027.5	46	-	0	bcm	1027.4	*	34	0	S	1	-	cm	1	0.1	52	33	bcm	bc	cm	7.1
Aberdeen ...	1029.8	50	S	2	bz	1028.5	0	42	+4	SSW	1	NE	bcz	2	-	56	37	cm.bcz	b.bz	bz x	5.9
Leith ...	1029.5	49	SE	2	b	1029.2	0	37	-8	W	1	-	b	*	-	56	33	c.bz	bz	b	*
Tynemouth ...	1030.5	51	ENE	1	b	1028.4	-1	37	-10	W	2	-	bf	2	-	50	37	b	b	bm	*
Spurn Head ...	1029.1	64	ENE	3	bc	1027.0	-2	52	+4	ENE	4	-	c	5	-	58	45	bcv	bc	bc	8.1
Yarmouth ...	1026.5	54	ENE	5	bc	1022.9	-2	53	+8	NE	5	NE	bcq	4	3	58	44	bcf	bc	bcq	5.9
Clacton-on-Sea ...	1025.5	52	N	3	c	1023.4	0	49	+2	N	3	N	c	2	1	58	46	cm.bc	bc.02	c.b.c	6.5
Nottingham ...	1028.8	50	NE	2	b	1027.5	*	38	-10	-	0	-	fe	*	-	58	33	c.b.c	bc.b	b	2.2
Bath ...	1026.7	51	E	1	0	1026.9	*	37	-7	-	0	-	m	*	-	59	35	m.0	om	m.0.bch	1.7
Sth Farnborough ...	1025.9	50	N	1	b	1025.7	0	37	-5	-	0	N	cfw	*	-	58	34	m.0 c	bc.cbc	bf	2.9
London (Kew Obsv.)	1026.6	51	NNE	2	bcm	1025.3	0	44	-1	NNE	1	NE	bcm	*	-	58	41	om.0 c	c.0 cm.6m	bm.6m	2.2
Spitsbergen ...	1000.3	34	S	2	r	998.7	-2	21	-6	-	0	*	b	*	*	34	19				
Vardö ...	1027.5	39	SW	1	bc	1013.3	-8	37	0	W	3	-	0	3	*	41	34				
Bodö ...	1029.6	37	E	1	b	1018.9	-4	41	+9	E	2	-	r	2	3	41	32				
Christiansund ...	1031.0	41	-	0	b	1028.7	-1	43	+6	S	2	-	b	1	-	48	39				
Skudesnaes ..	1030.3	46	NNE	1	0	1028.6	0	43	-3	NE	1	-	b	1	-	55	41				
Færder (Kjellerfjord)	1031.8	46	NE	5	b	1030.6	+1	37	-8	ENE	4	-	0	2	-	46	36				
The Scaw (Skagen)	1027.9	48	NE	5	bc	1026.7	0	46	-2	ENE	4	-	0	4	-	52	45				
Blaavands Huk ...	1025.9	46	NE	3	0	1023.8	0	45	+6	NE	3	-	0	4	-	50	37				
Haparanda ...	1034.4	32	NW	2	b	1026.4	-5	39	+12	S	6	-	bc	*	-	39	25				
Hernösand ...	1035.1	34	-	0	b	1032.3	-2	30	0	-	0	-	b	*	-	43	25				
Stockholm ...	1029.0	39	NE	4	0	1028.0	0	45	+6	ENE	2	-	0	*	-	45	39				
Wisby ...	1024.2	45	NE	8	r	1024.0	0	48	+5	ENE	4	-	0	4	2	48	41				
Karlstad ...	1030.7	41	N	2	b	1030.6	0	39	0	NE	4	-	0	*	-	48	36				
Petrograd (9 a.m. G.M.T.)																					
The Helder ...	1024.7	52	NNE	4	c	1021.2	-1	50	-4	NNE	4	-	0	3	-	52	50				
C. Gris Nez ...	1023.8	54	NNE	5	c	1022.4	-1	50	-4	E	2	*	r	3	6	57	46				
La Hève ...	1023.5	57	NNW	2	c	1022.4	*	74.6	-	N	2	*	0	2	1	59	43				
Ushant ...	1025.3	57	NE	3	c	1024.3	*	54	-1	E	2	*	c	3	-	63	48				
Brest (St. Mathieu)	1026.0	57	NNE	2	bc	1025.0	0	55	-1	NE	1	*	m	1	-	66	52				
Roche fort (Ile d'Aix)	1023.4	54	NNE	3	c	1022.0	0	46	-7	NE	3	*	b	*	-	66	45				
Biarritz ...	1022.3	57	N	2	c	1021.0	0	48	-1	-	0	*	c	2	-	63	46				
Paris ...	1021.9	50	NNW	2	bc	1021.6	0	45	+4	N	2	-	0	*	Trace	57	39				
Belfort ...	1020.7	42	-	0	0	1021.3	*	34	-3	-	0	*	f	*	3	50	32				
Lyons ...	1020.4	46	N	3	0	1019.4	*	40	-4	N	3	*	b	*	-	57	40				
Nice ...	1013.9	51	SW	3	clr	1010.1	0	52	+2	-	0	*	0	6	8	66	46				
Perpignan ...	1018.6	57	NW	4	b	1018.0	+1	52	-2	NW	4	-	b	*	-	66	48				
Sanguinaire ...	*	67	NW	3	c	*	*	61	-2	NW	5	*	c	5	-	77	54				
Corunna (7 a.m.)	1020.7	64	NNE	5	b	1022.1	+2	54	-7	S	1	-	m	2	-	66	48				
Madrid (8 a.m.)	1015.5	50	NE	1	b	1019.0	+4	48	*	NE	2	-	b	*	-	70	?				
Lisbon (9 a.m.)	1015.5	75	NNW	5	b	1016.6	+1	63	-3	NNW	3	-	b	5	-	82	63				

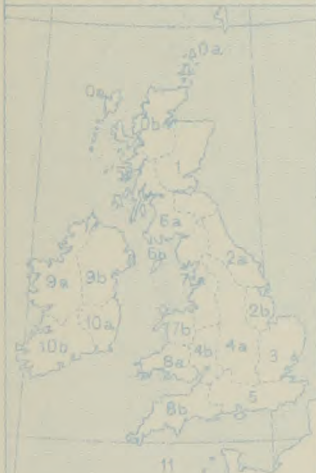
**RAINFALL.**  
Equivalents of Millimetres,  
in Inches.

mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97



**FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Conc.	South Conc.
North Conc.	North Conc.

No Warnings Issued.

Western Channel and Bay

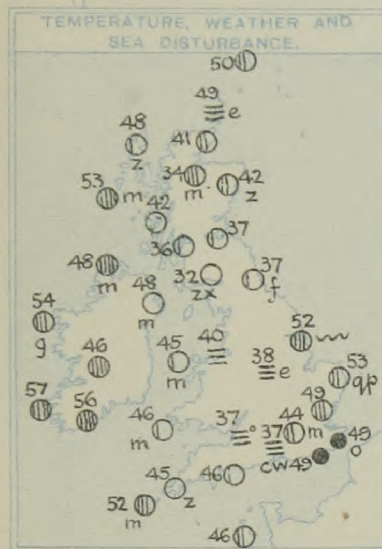
- |    |   |   |
|----|---|---|
| 0  | a | Light variable or Southerly to South-Easterly breezes; fine, but local fogs in the morning; moderate day temperature, ground frost at night inland. |
| 1  | b |   |
| 2  | a | Moderate North-Easterly winds; mostly fair, but some local showers on coast; cool, ground frost at night inland.                                    |
| 3  | b |   |
| 4  | a | Light variable or Southerly to South-Easterly breezes; fine, but local fogs in morning; cool, ground frost at night inland.                         |
| 5  | b |   |
| 6  | a | Moderate or light Northerly breezes; fair generally, occasional rain in east; cool.   |
| 7  | b |   |
| 8  | a | Same as Nos 0 1 and 2a.   |
| 9  | b |   |
| 10 | a | Variable or Easterly breezes; fair generally, some mist or fog in morning; cool at night.   |
| 11 | b |   |
| 12 | a | Moderate or light Southerly or South-Easterly breezes; fair generally; moderate temperature.  |
| 13 | b |   |
| 14 | a | Light variable breezes; fair generally; sea slight.   |
| 15 | b |   |

**FURTHER OUTLOOK.**

# SYNOPTIC CHART FOR 7 a.m., TUESDAY, 5<sup>TH</sup> OCTOBER, 1915.

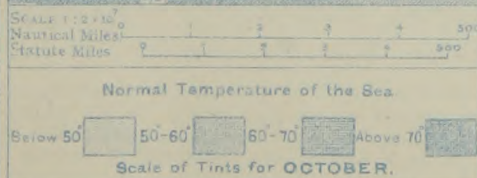
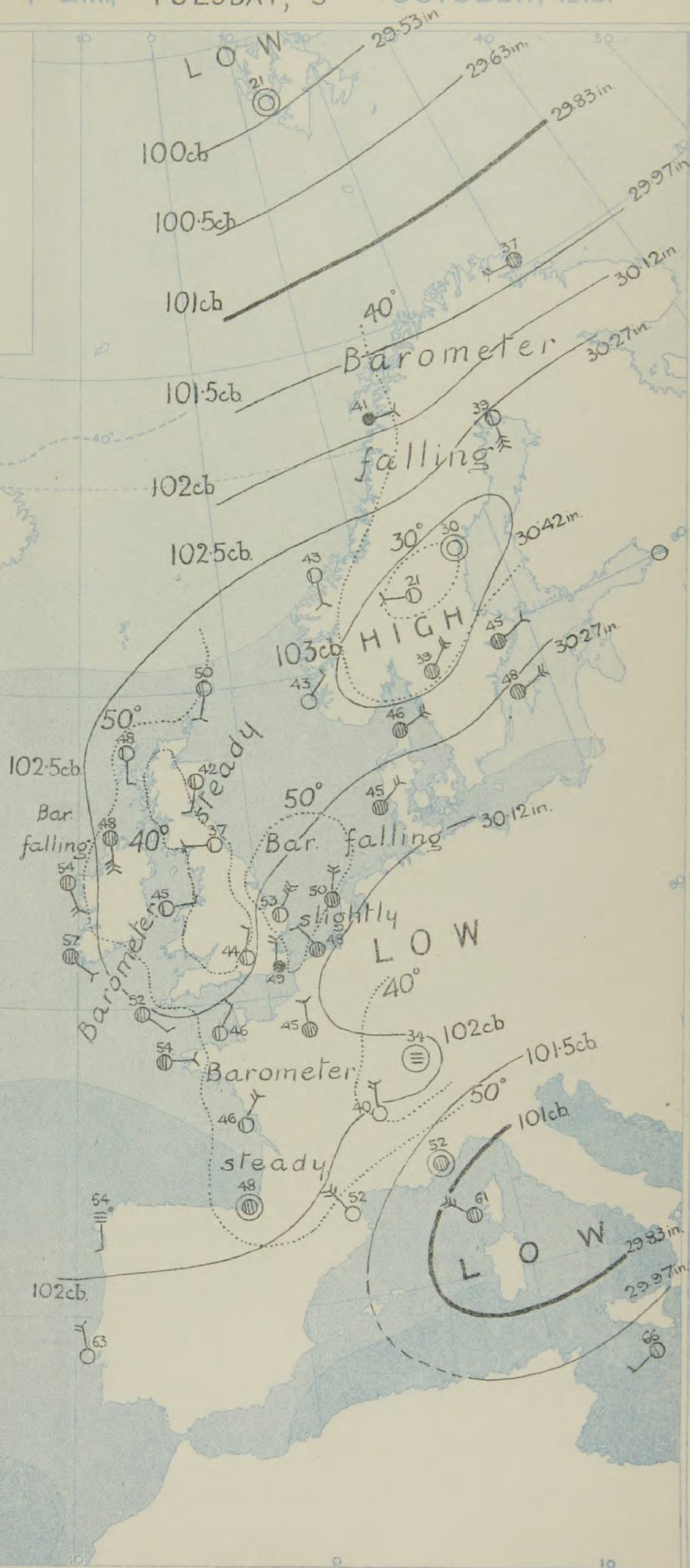
## GENERAL INFERENCE.

Conditions will remain anticyclonic generally, but the shallow depression over Germany will affect our southeast coast.



## EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind.  
 Force, on the scale 0-12, is indicated by the number of feathers. Calm  
**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.  
 ○ sky 2/3 clouded. ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 ⚡, thunderstorm.  
**SEA DISTURBANCE.**—Rough ~~~. High ~~~~.



## DAILY WEATHER REPORT.

Tuesday, 5th October, 1915.

REPORTS  
FOR  
YESTERDAY.

11th October 1915.

## EVENING OBSERVATIONS.

## OBSERVATIONS AT 7 A.M., G.M.T.

STATIONS.	Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.			Barometer. Milli- bars at M.S.L.	Change in 3 hours.	Temp. °F.	Change in 24 hours.	WIND.	Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-10.	Rain- fall. Milli- metres.	TEMP.	
			Direc.	Force	Weather.											Max.	Min.
Habaranda	1028.0	30	N	2	b	1033.7	+3	27	-5	NE	2	-	b	#	-	39	21
Hörnå Sand	1030.4	32	-	0	b	1034.7	+3	30	-6	-	0	-	b	#	-	39	25
Stockholm	1027.8	41	NE	4	o	1028.2	0	39	-2	NNE	6	-	o	#	-	46	37
Wibsy	1025.7	45	NNE	6	o	1024.2	+1	43	-2	NE	6	-	o	#	Trace	46	41
Karlstad	1029.1	46	-	0	o	1031.4	+1	39	-6	N	4	-	bc	#	-	50	36
Petrograd	1022.3	50	NE	3	r	1025.0	+2	46	-4	NNE	4	-	bc	#	-	52	45
Ushant	1025.3	58	NNE	3	o	1026.1	*	55	-3	E	2	*	bc	#	-	63	52
Biarritz	1021.1	60	NNW	3	o	1023.1	+2	49	-12	E	2	*	b	#	-	64	48
Lyons	1019.4	50	NW	3	bc	1021.5	*	44	+1	N	3	*	b	#	-	57	42
Madrid	1018.0	72	NW	2	o	1020.3	+3	57	-6	N	3	-	b	#	-	73	54

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban ...	60	42	b	bc	6.2	England, S.E.	Tunbridge Wells ...	60	35	om.c.bc	bc.op.b	4.0
	Banff ...	56	36	bc	b	7.4		Margate ...	56	47	bc.o	o.bc	5.6
	Carnoustie ...	52	34	*	*	2.5		Ramsgate ...	55	45	bc.or	bc	5.6
	St. Andrews ...	52	34	*	*	2.5		Hastings ...	59	45	o.bc.b	b.bc	6.5
Eng. N.E.	Harrogate ...	53	43	mc.bc	cbcc	1.6	England, S.W.	Bexhill-on-Sea ...	61	42	om.b	b.bc.b	5.5
	Skegness ...	57	47	bc	p.bc.o	7.1		Eastbourne ...	59	41	c	c	5.0
Eng. N.W.	Morecambe ...	55	45	cp.b	b.bc.c	5.3	England, S.W.	Brighton ...	76	40	oc	cl.c	4.2
	Blackpool ...	59	45	om.o.bc	bc.o	2.9		Worthing ...	55	40	c.bc	bc.b	3.0
	Southport ...	57	42	og.e	c.og	3.7		Littlehampton ...	55	43	o	bc	3.3
Midlands.	Buxton ...	52	33	bc.m	bc	3.0	England, S.W.	Bognor ...	58	42	bc.g	bc	2.8
	Leamington Spa ...	58	40	c.bc	bc	2.0		Southsea ...	58	43	o	bc	2.5
	Malvern ...	55	43	c	c.bc.b	1.4		Bournemouth ...	56	46	o	o	0.2
	Ross-on-Wye ...	57	44	om.bc	c.om	1.1	England, S.W.	Weymouth ...	59	48	cg	cg	0.7
Wales.	Rhyl ...	59	39	o	o	0.5		Torquay ...	60	52	o	c.o	0.6
	Colwyn Bay ...	56	45	c	bc.o	1.0		Paignton ...	62	50	bc.o	o.c	1.5
	Llandudno ...	59	48	o.c.b	c.o	3.2		Falmouth ...	61	49	c	o	1.2
	Aberystwyth ...	61	48	o.bc	bc.or	1.9		Penzance ...	59	49	o	c.cm	0.0
England, E.	Cromer ...	56	49	cop.bc	c.bc	4.3		Newquay ...	59	52	o	o	0.8
	Lowestoft ...	56	44	bc.op.c	c.bc.c	5.0		Ilfracombe ...	59	52	o	o	0.8
	Felixstowe ...	58	42	bm	bcv	7.4		Weston-super-Mare ...	59	47	o.bc.b	b.bc.m	3.0
	Walton-on-Naze ...	57	41	bc.op	bc.op	6.6							
	Southend-on-Sea ...	59	42	b.bc	bcp.bc	5.7							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
				Max.	Min.								Max.	Min.					

24 HOURS ENDED 9 A.M. TO-DAY.																													
% 65		% 79	Hr. 4.1	° F. 59	° F. 42	° F. 32	mm.‡ —	bc	op	bc.o	Dublin to 4 p.m.	mm.‡ —	° F. 57	° F. 42	° F. 39	bwf	bfwe	c	*										
* *		* *	3.4	* *	* *	* *	* *	* *	* *	* *	Darwen to 9 p.m.																		
69		80	3.6	59	45	41	—	bc.o	bc	bcu	Manchester				*														
Camden Sq. (Brit. Rainfall)		64	78	3.6	61	43	38	—	am.bc	bc.b	*	Birmingham				*			*										
Hampstead (Reservoir) ...		*	83	3.8	56	40	31	—	bc	c	c	Oxford to 8 p.m.	*						*										
Richmond Park		*	*	2.1	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.														Teignmouth to 9,	0.3	60	52	50	om.o	a.c	c	0.4		
Kew. (See front page.)																					Plymouth	*							*
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																					S. Kensington	—	60	46	33	buz.sme	um.s.b	bc.c	*
S. Kensington (Roof of M.O.)		62	73	2.7	Total. 563 Joules		Average Rate. 13.7 Milliwatts.		Max. Rate. 48 Milliwatts.																				

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

5th-6th Oct. 1915.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	6.2	11.41	5.18
Greenwich ...	6.9	11.49	5.29
Wick ...	6.30	12.0	5.31
Valencia ...	6.49	12.30	6.10

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded;  
c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail;  
i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder;  
u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

## NOTES ON YESTERDAY'S WEATHER.

Fair weather prevailed generally, but showers were experienced on the southern part of the East coast, 9 millimetres fell at Dover. Bright sunshine reached 9.7 hours at Scilly and in central Ireland. Slight ground frost was experienced over the Midlands, Nottingham Grass minimum 30°.

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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 279. Wednesday, 6<sup>th</sup> October, 1913.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 2 hours.	Temp. °F.	Change in 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 ...	1027.6	50	SSW	3	bc	1026.9	0	49	-1	SSW	2	-	bc	2	-	54	48	bc	bc	bc	Hours.
Deerness ...	1026.1	49	SE	2	bm	1026.1	0	48	-1	SE	1	E	cm	1	-	53	47	f.6	bm	cm, cm	5.0
Stornoway ...	1025.2	54	S	3	bz	1025.1	0	44	-4	W	1	-	bz	1	-	57	43	bz	bz	bc, bz	7.5
Castlebay (Barra Isd.)	1024.5	54	SSE	5	bcm	1024.3	-1	53	0	SSE	4	-	om	4	-	56	52	o, bm	bcm	bc, om	7.8
Glasgow ...	1026.7	49	ENE	2	b	1027.5	0	34	-2	ENE	1	-	m	*	Trace	54	31	bf	bz	b, f	7.6
Esksdalemuir ...	1027.5	43	NNW	1	b	1027.5	0	39	+7	N	2	-	c	*	-	56	30	bxz bz	b	b, bc, c	9.4
Malin Head ...	1024.5	54	S	3	cm	1024.4	†	46	-2	S	4	-	bm	3	-	59	44	bc	cm	cm	6.5
Blacksod Point	1022.0	56	S	5	cm	1021.9	0	56	+2	SE	3	-	o dm	4	3	60	50	cm	cm	cm, cm	0
Valencia ...	1022.5	58	SE	3	c	1021.9	0	55	-2	SSE	2	-	o	3	1	61	55	o, c	cz	od, o	0.3
Roche's Point	1025.3	57	SSE	2	o	1024.6	*	56	0	ESE	4	-	o	4	-	59	56	og	og	og	*
Birr Castle ...	1024.1	60	SE	1	o	1024.2	*	49	+3	SE	1	-	o	*	-	60	45	c	o	o	3.7
Donaghadee ...	1025.2	60	SSE	3	bm	1025.0	+1	48	0	SSE	2	-	bc	2	Trace	57	45	bc	bm	bm, bc	*
Liverpool (Bidston)	1026.2	51	NNW	1	b	1025.8	0	48	+8	NE	1	-	o	1	-	54	40	f, bc	bm	om	4.7
Holyhead ...	1025.9	54	E	4	bz	1025.5	0	50	+5	E	2	-	om	0	-	60	44	b, bc	bc, b	b, om	9.6
Pembroke (St. Ann's)	1026.0	52	N	1	b	1025.8	+1	46	0	E	2	-	bc	2	0.3	56	44	bm	b	b	9.6
Scilly (St. Mary's)	1024.6	52	SE	2	bc	1024.5	+1	49	-3	SE	1	SE	cm	3	0.1	59	47	cm	bc	bc, cm	3.1
Falmouth ...	1025.1	50	SSE	1	bz	1025.3	+1	44	-1	NNW	1	-	b	2	-	58	42	b, c	b	bw	8.6
Jersey (St. Aubin)	1023.3	55	N	3	b	1022.9	*	54	+8	N	2	-	o	2	-	59	45	bc, b	bc, b	b, o	7.2
Portland Bill ...	1023.8	54	NNE	3	c	1023.5	-2	49	+3	N	3	N	bc	3	-	58	45	bc	bc, c	c, o, bc	*
Dungeness ...	1020.7	51	N	4	o	1021.1	0	51	+2	N	2	N	c	2	1	55	48	o, c	o, c	o, c, f	*
Dover ...	1020.9	50	E	5	m	1022.2	0	52	+3	N	3	N	o	2	13	54	48	op	op	r, o	0.0
Wick ...	1025.8	50	SSW	2	m	1026.2	0	38	-3	WNW	2	W	f	2	Trace	52	34	bcz	bc	f	0
Nairn ...	1025.9	47	-	0	om	1026.4	*	34	0	-	0	-	cm	1	-	56	33	bc	cm	ex	8.1
Aberdeen ...	1027.2	48	S	3	bz	1027.4	0	33	-9	SSW	1	-	bxz	2	-	55	32	bz, b	bz	bz, x	9.7
Leith ...	1026.2	50	SE	1	b	1027.4	0	38	+1	W	1	-	fe	*	-	53	34	f, bz	bz	b	*
Tynemouth ...	1027.0	52	NE	2	c	1026.0	-1	50	+13	ENE	2	-	od	2	-	55	37	bc	bc	c	*
Spurn Head ...	1025.0	53	NE	5	cq	1024.6	0	52	0	NE	3	-	o	4	0.1	55	50	cq	cq	cq, od	1.7
Yarmouth ...	1021.7	53	NE	4	c	1022.8	+1	54	+1	ESE	3	E	bc	4	6	55	50	bc, cqb	bc, cqb	cq, cqb	0.0
Clacton-on-Sea	1021.6	51	N	3	o	1022.4	0	52	+3	N	2	N	o	1	1	54	48	c, o	o	o, c, cqb	0.4
Nottingham ...	1025.6	52	NNE	2	o	1024.9	*	49	+11	NE	2	NE	om	*	Trace	55	38	f, m, c	c, o	ad	0.1
Bath ...	1024.8	53	N	1	o	1024.9	*	49	+12	NE	1	NE	o	*	-	57	36	m, bc	bc, cm	m, c, bc, o	3.1
Sth Farnborough	1023.4	50	NNW	1	o	1023.3	+1	49	+12	NNW	1	-	od	*	0.3	55	37	b, bc, o	o	od	3.5
London (Kew Obsy.)	1023.5	51	N	2	o	1023.4	+1	30	+6	N	2	-	o	*	1	55	44	bc, m, c	o	od, m, c	2.0
NORTHERN EUROPE.																					
Spitsbergen ...	1008.0	21	S	2	b	1015.0	+2	19	-2	NW	4	*	b	*	*	26	21	*	*	*	*
Vardö ...	992.7	41	WSW	6	o	1013.7	+6	37	0	NW	7	-	o	5	*	41	36	*	*	*	*
Bodö ...	1020.7	45	SW	6	o	1027.5	+4	43	+2	-	0	-	bc	0	5	48	41	*	*	*	*
Christiansund	1028.4	50	WNW	3	o	1028.6	0	48	+5	SE	1	-	o	1	-	52	43	*	*	*	*
Skudesnaes ...	1027.0	46	? N	2	b	1027.0	0	43	0	NE	1	-	b	2	-	54	43	*	*	*	*
Færder (X'ania Fjord)	1028.2	45	E	2	b	1028.0	+1	41	+4	N	2	-	b	1	-	48	37	*	*	*	*
The Scaw (Skagen)	1026.3	48	E	4	o	1026.9	+1	48	+2	NE	1	NE	o	1	Trace	48	45	*	*	*	*
Blaavands Huk	1023.8	48	NE	2	o	1025.3	0	50	+5	ENE	1	-	o	2	Trace	50	43	*	*	*	*
Haparanda ...	1014.6	41	SW	6	r	1023.4	+6	37	-2	N	2	-	b	*	1	45	37	*	*	*	*
Hernösand ...	1027.0	36	-	0	b	1026.4	+1	45	+15	-	0	-	c	*	-	46	29	*	*	*	*
Stockholm ...	1027.4	43	ENE	4	o	1025.7	0	39	-6	W	2	-	o	*	-	45	39	*	*	*	*
Wisby ...	1025.0	45	N	4	f	1025.0	+2	43	-5	NNE	4	-	o	4	1	48	43	*	*	*	*
Karlstad ...	1027.8	39	-	0	b	1027.8	+1	30	-9	-	0	-	f	*	-	46	28	*	*	*	*
Petrograd (6 a.m. G.M.T.)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
FRANCE, &c.																					
The Helder ...	1021.1	54	ENE	2	o	1023.5	+2	50	0	E	2	-	o	2	-	54	50	*	*	*	*
C. Gris Nez ...	1020.7	50	E	3	r	1021.6	+1	51	+1	-	0	*	bc	0	15	54	48	*	*	*	*
La Hève ...	1021.0	50	N	2	o	1021.9	*	48	+2	NE	1	*	o	3	18	54	?	*	*	*	*
Ushant ...	1024.3	54	NE	3	b	1024.4	*	52	-2	ENE	2	*	b	3	-	61	46	*	*	*	*
Brest (St. Mathieu)	1025.5	56	ENE	2	b	1025.1	0	50	-5	NE	2	*	b	3	-	66	48	*	*	*	*
Rochefort (Ile d'Aix)	1022.4	55	NNE	3	o	1022.6	+1	51	+6	NNE	2	*	bc	*	-	63	48	*	*	*	*
Biarritz ...	1021.2	57	NW	2	b	1022.6	0	52	+4	ESE	2	*	bc	2	-	61	48	*	*	*	*
Paris ...	1020.6	48	N	1	r	1022.1	+2	46	+1	E	1	-	o	*	2	54	45	*	*	*	*
Belfort ...	1018.7	44	ENE	3	o	1021.7	*	42	+8	-	0	*	m	*	-	50	34	*	*	*	*
Lyons ...	1019.7	46	NNW	4	b	1020.6	*	45	+5	NW	4	*	o	*	-	55	40	*	*	*	*
Nice ...	1013.6	50	-	0	o	1014.1	+2	51	-1	E	1	*	b	3	1	54	45	*	*	*	*
Perpignan ...	1016.3	55	NW	2	b	1019.5	0	54	+2	WNW	4	-	c	*	-	63	46	*	*	*	*
Sanguinaire ...	*	56	NW	5	r	*	*	57	-4	NW	5	*	o	4	2	79	52	*	*	*	*
SOUTHERN EUROPE.																					
Corunna (7 a.m.)	1021.9	63	NNE	5	b	1023.1	+1	52	-2	SSE	1	-	f	2	-	64	50	*	*	*	*
Madrid (8 a.m.)	1016.9	61	-	0	b	1024.3	+3	46	-2	NNE	1	-	b	*	-	63	39	*	*	*	*
Lisbon (9 a.m.)	1016.9	70	NNW	4	bc	1019.4	+1	59	-4	N	2	N	bc	5	-	79	59	*	*	*	*
Gibraltar ...	1015.2	66	W	4	b	1017.9	*	65	0	E	4	*	m	3	-	77	63	*	*	*	*
Rome ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Malta (8 a.m.)	*	*	*	*	*	1017.2	0	66	0	NNE	1	-	o	0	Trace	73	63	*	*	*	*
Azores (Horta, 8 a.m.)	1015.9	*	S	5	o	1015.0	0	70	+5	S	4	*	o	3	1	75	65	*	*	*	*
Madeira (Funchal)	1018.4	73	NE	3	bc	1019.9	+1	66	0	NE	3	N	b	3	-	75	64	*	*	*	*

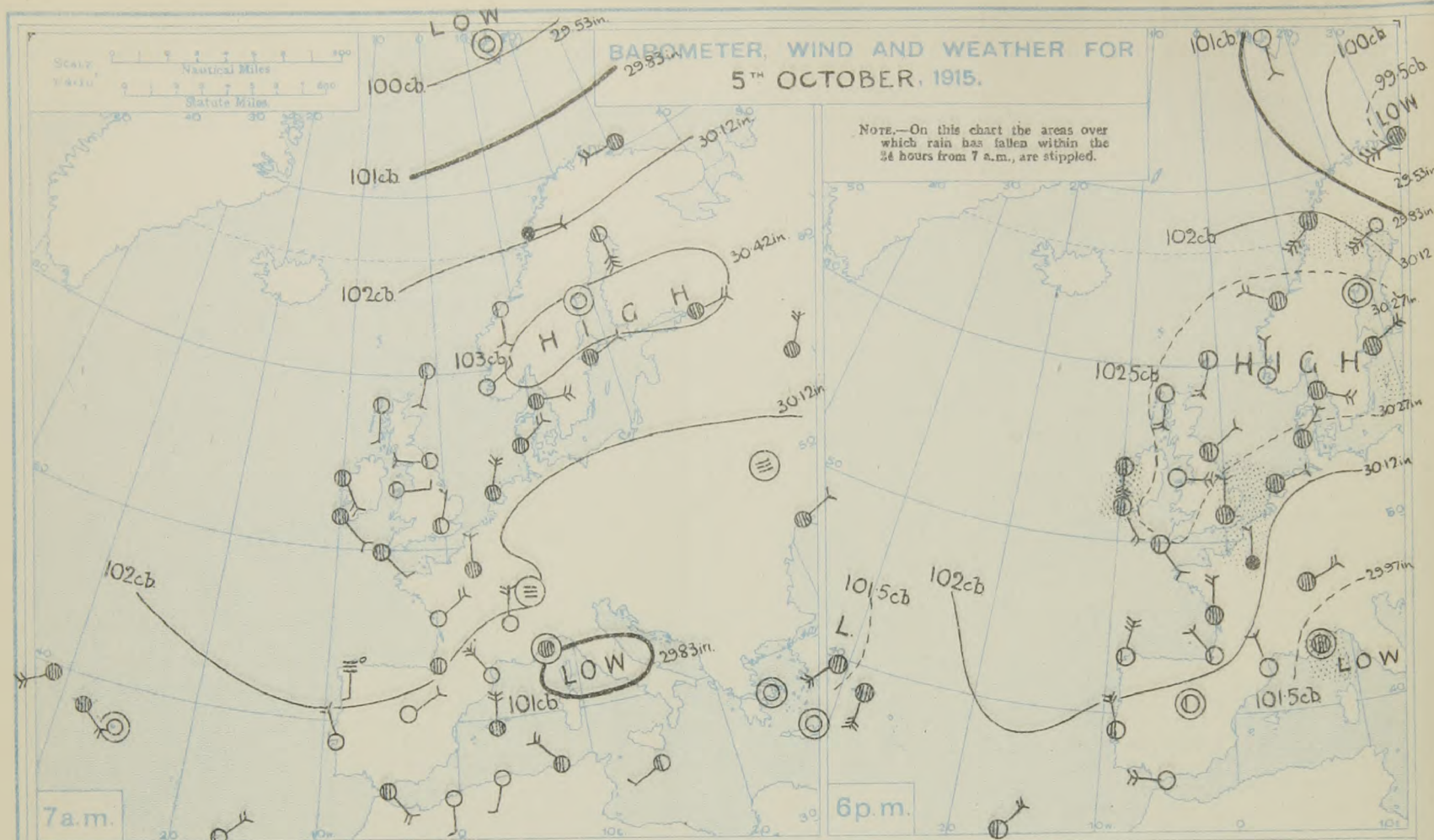
RAINFALL.

Equivalents of Millimetres.  
in Inches.

mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35		

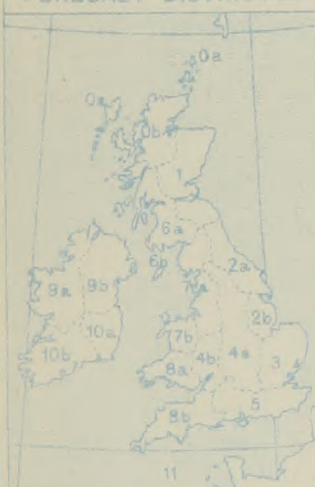
## RAINFALL. Equivalents of Millimetres. in Inches.

mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.8



**FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

Western Channel and Bay 11

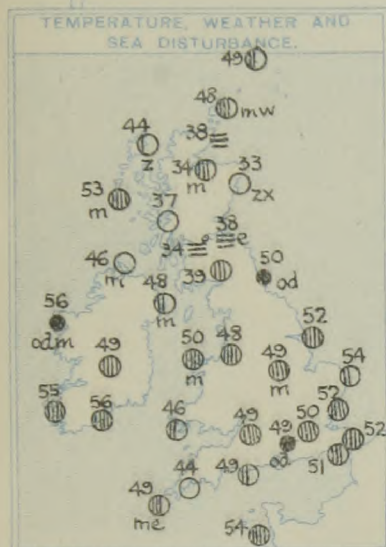
- |    |   |   |   |
|----|---|---|---|
| 0  | a | } | Light variable breezes; fair generally, but some morning mist or fog; cold night.   |
|    | b |   |   |
| 1  | a | } | Light breezes, mainly between East and North-East; fair generally, but morning mist or fog; moderate temperature, cold night. |
|    | b |   |   |
| 2  | a | } | Light Northerly breezes; fair generally, morning mist or fog; moderate temperature, cold night.                               |
|    | b |   |   |
| 3  | a | } | Same as Nos 0 and 1   |
|    | b |   |   |
| 4  | a | } | Light Southerly or South-Easterly winds; fair generally; moderate temperature.  |
|    | b |   |   |
| 5  | a | } | Light variable airs; fair generally; sea slight.  |
|    | b |   |   |
| 6  | a | } |   |
|    | b |   |   |
| 7  | a | } |   |
|    | b |   |   |
| 8  | a | } |   |
|    | b |   |   |
| 9  | a | } |   |
|    | b |   |   |
| 10 | a | } |   |
|    | b |   |   |
| 11 | a | } |   |
|    | b |   |   |

**FURTHER OUTLOOK.**

# SYNOPTIC CHART FOR 7 a.m., WEDNESDAY, 6<sup>TH</sup> OCTOBER, 1915.

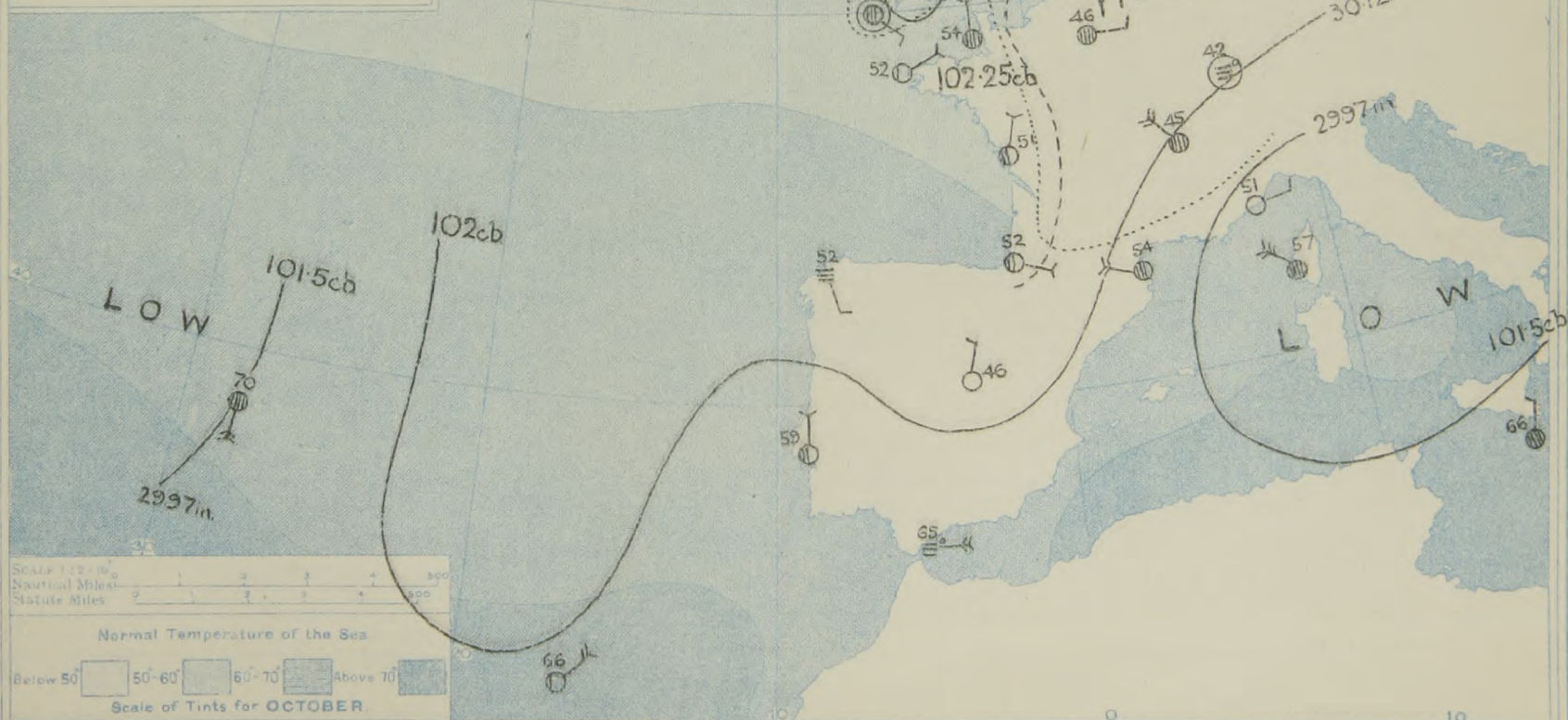
## GENERAL INFERENCE.

The shallow depression over the Northeast of France will disperse, and conditions will remain anticyclonic throughout the British Isles.



## 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 is indicated by a circle.  
**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 wavy line. High wavy line.



# DAILY WEATHER REPORT.

Wednesday, 6th October, 1915.

## REPORTS FOR YESTERDAY.

5th October, 1915.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli-metres.	TEMP.	
	BAROM. Milli-bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Direc.	Force 0-12.		Milli-bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.							
		<sup>° F.</sup>						<sup>° F.</sup>	<sup>° F.</sup>									
Petrograd	1030.1	43	E	4	0	1030.7	+1	39	-7	E	3	-	0	*	-	50	39	
Gibraltar	1016.2	67	NE	5	f	1015.6	*	65	0	SE	3	*	m	2	-	77	64	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.		
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.			
	mm. & .	° F.	° F.			Hr.		mm. & .	° F.	° F.			Hr.		
Scotland.	{ Oban ... ..	-	58	39	bc	bc	7.0	{ Tunbridge Wells ... ..	-	50	41	c. bc. o	op. o	0.8	
	{ Banff ... ..	-	58	37	b	b	9.4		{ Margate ... ..	5	56	51	op	of	0.0
	{ Carnoustie ... ..	-							{ Ramsgate ... ..	10	53	48	or	of	0.0
	{ St. Andrews ... ..	-	45	31	*	*	0.0		{ Hastings ... ..	-	55	46	o. bc	c. o	0.8
Eng. N.E.	{ Harrogate ... ..	-	54	38	c. bc. b	b. bc. o	6.4	{ Bexhill-on-Sea ... ..	-						
	{ Skegness ... ..	-	54	51	bc. o	op. o	0.4		{ Eastbourne ... ..	Trace	56	46	o	o	0.0
									{ Seaford ... ..		57	45	c	o. r	0.8
									{ Brighton ... ..	-	59	46	c. bc. c	c. o	1.4
Eng. N.W.	{ Morecambe ... ..	-	55	26	b	b. bc	8.3	{ Worthing ... ..	-	56	44	bc. c	c.	2.0	
	{ Blackpool ... ..	-	56	34	b	b	9.6		{ Littlehampton ... ..	-	56	48	bc	bc. o	3.6
	{ Southport ... ..	-	55	33	c	b	8.1		{ Bognor ... ..	-	57	44	bc	o	4.6
									{ Southsea ... ..	-	59	44	bc	bc.	4.5
Midlands.	{ Buxton ... ..	-	52	35	bc	b. c	2.9	{ Bournemouth ... ..	-	59	39	bc	bc. c	7.1	
	{ Leamington Spa ... ..	-	57	39	c. bc	bc. c	3.5								
	{ Malvern ... ..	-	56	40	m. bc	bc. b.	6.1								
	{ Ross-on-Wye ... ..	-	52	31	s. bc	bc. m	2.2								
Wales.	{ Rhyl ... ..	-	56	34	2. bc. b	b	7.3	{ Weymouth ... ..	-	60	42	b	b. bc. bz	9.6	
	{ Colwyn Bay ... ..	-	?	?	bc	bc	9.2		{ Torquay ... ..	-	58	42	b	b	9.7
	{ Llandudno ... ..	-							{ Paignton ... ..	-	58	42	b	b	9.9
	{ Aberystwyth ... ..	-	58	46	c. b	bc. c	10.0		{ Falmouth ... ..	-	58	45	bc. b	b.	8.6
	{ Tenby ... ..	-	59	47	b	b	9.9	{ Penzance ... ..	-	59	49	bc	bc. b.	5.0	
England, E.	{ Cromer ... ..	1	55	50	op	op	0.0	{ Newquay ... ..	-	58	43	b. o	o. b	0.6	
	{ Lowestoft ... ..	0.3	55	50	c. op	op. bc	0.1		{ Ilfracombe ... ..	-	56	45	b	bz	10.0
	{ Felixstowe ... ..	0.2	54	40	c	cp	0.0		{ Weston-super-Mare ... ..	-	61	38	b	b	7.0
	{ Walton-on-Naze ... ..	0.3	54	46	c. o. d. c	c. bc. c	0.2								
	{ Southend-on-Sea ... ..	0.3	60	42	o	o	6.2								

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 68	% 90	Hr. 0.4	° F 56	° F 49	° F 47	mm. g 1	o	op. o	o op
City (Bunhill Row) ...	* *	* *	1.2	* *	* *	* *	* *	* *	* *	* *
Westminster (St. James's Pk.)	73	87	0.7	57	50	48	0.2	c	c	c. or
Camden Sq. (Brit. Rainfall)	72	86	0.8	57	49	47	1	c o	o	*
Hampstead (Reservoir) ...	*	90	1.2	53	45	40	1	bc or	or	o
Richmond Park	*	*	1.6							
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total. 4.81 Joules		Average Rate. 11.8 Milliwatts.		Max. Rate. 40 Milliwatts.		
S. Kensington (Roof of M.O.)	71	82	0.8							

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm. &	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.								*
Darwen to 9 p.m.	—	55	37	31	bc. wj	bc	bc. o	
Manchester „	Trace	57	35	*	bc. con. f.	so. c. o	ac. o. z	1.6
Birmingham „								
Oxford to 8 p.m.	*							
Teignmouth to 9 „	—	57	43	40	bc. b	b	bc	9.8
Plymouth „								
S. Kensington (Museum Grounds to 6 p.m.)		56	45	34	c. b	o	o	*

## NOTES ON YESTERDAY'S WEATHER.

Over the greater part of the country the weather was fair; over 9 hours of sunshine at Banff, Blackpool, Colwyn Bay as well as in the southwest. In the southeastern quarter of England the weather was dull, with moderate rainfall in the east of Kent.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

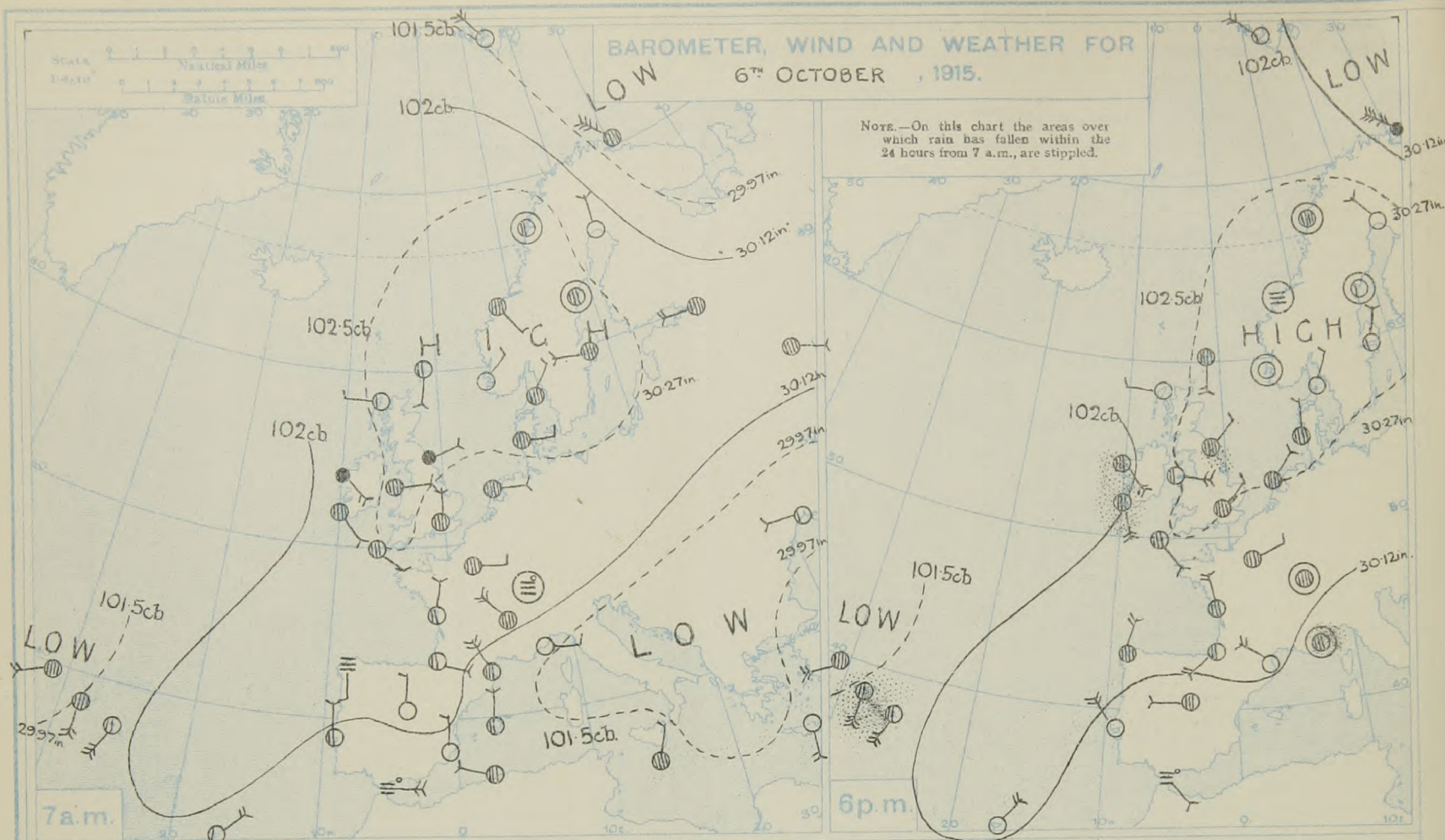
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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 280.

Thursday,  
7th October, 1915.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.		
	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 0-2.	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
			Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick	1026.8	50	S	3	0	1025.1	-1	50	+1	SSW	3	-	bc	2	-	52	48	bc	0	bcw	Hours 0.5	
	Deerness	1025.7	49	SE	4	bc	1023.3	-	48	0	SSE	3	-	b	3	-	52	48	cm	c.bc	bc.bcw	0.5	
	Stornoway	1024.4	50	W	1	bz	1020.0	-2	49	+5	S	3	-	b	3	-	57	42	bz	bz	b	8.0	
	Castlebay (Barra Isd.)	1024.3	53	SE	4	b	1018.7	-3	54	+1	SE	5	-	om	5	-	55	52	o.bm	bm.b	b.oms	6.2	
	Glasgow	1021.4	49	ENE	2	c	1023.5	-2	46	+12	E	1	S	o	*	Trace	54	33	f.batz	bc.coz	b.fomw	4.2	
	Eskdalemuir	1027.0	49	NE	2	o	1024.6	-1	45	+6	-	0	-	c	*	-	52	38	c.o	o	oc.bc.o	0.1	
	Malin Head	1023.2	53	SSE	3	cm	1017.0	-6	50	+4	S	5	S	cmg	3	-	58	45	bc	bcw	cmg	8.2	
	Blacksod Point	1019.6	54	SE	4	cm	1010.1	-5	51	-5	SE	7	SE	omgr	5	1	56	49	cm	omg	cm.oms	*	
	Valencia	1020.0	58	SSE	4	c	1004.7	-5	58	+3	SSE	5	-	r	4	15	61	55	com	omc	or	0.5	
	Roche's Point	1024.0	57	SE	4	o	1016.9	-	56	0	SE	6	-	r	6	1	58	56	ogm	og	og.or	*	
	Birr Castle	1022.9	52	SE	1	c	1016.5	-	52	+3	SE	3	-	o	*	-	59	43	c	c	o	1.2	
	Donaghadee	1024.1	50	SSE	3	bm	1020.4	-1	52	+4	SSE	3	SE	bcw	3	-	57	45	bcw	bcw	bcw	*	
	Liverpool (Bidston)	1021.2	52	-	0	o	1024.1	-1	46	-2	SE	2	-	m	1	-	53	46	ogm	om	bcw	0.0	
	Holyhead	1024.8	55	E	4	bcw	1022.4	-2	47	-3	ESE	3	-	bm	2	-	62	45	o.b.c	c.bcw	bz.cw	1.5	
	Pembroke (St. Ann's)	1026.3	53	SE	1	b	1022.0	-2	54	+8	SSE	4	S	c	3	-	57	45	bc	bc	b	5.9	
	Scilly (St. Mary's)	1024.5	53	SE	2	c	1020.1	-3	55	+6	SE	5	-	cm	4	-	58	48	bc	bc.c	bc.cm	6.0	
	Falmouth	1025.1	50	-	0	bz	1021.9	-2	53	+9	SSE	3	SE	bc	4	-	59	43	b.bc	bc	b.bc	7.2	
	Jersey (St. Aubin)	1024.3	57	N	3	c	1023.5	-	50	-4	E	3	-	c	2	-	59	46	o.b.c	bc.c	o.c	5.3	
	Portland Bill	1024.9	55	N	3	og	1023.5	-1	52	+3	ENE	3	NE	cg	2	-	57	48	bc.c	c.og	o.b.c.b	*	
	Dungeness	1024.1	53	NNE	2	bc	1024.4	0	54	+3	E	1	-	o	1	-	58	50	c.o.c	bc	bc.c.o	*	
	Dover	1024.2	51	NNE	1	CZ	1025.4	0	52	0	ESE	2	E	o	2	0.2	60	49	o.c.c	bc.c	o	1.9	
Wick	1025.2	52	SSE	3	c	1023.2	0	49	+11	S	3	-	b	3	-	52	38	fe	fe.cm	bcw	*		
Nairn	1025.0	48	-	0	om	1023.0	-	42	+8	SSE	1	NE	b	1	0.2	53	31	bm	bcw	ew	7.2		
Aberdeen	1027.1	50	S	2	c	1025.1	-1	48	+15	-	0	-	o	2	-	55	33	bz.b	b.bc.c	bc.cm	7.4		
Leith	1025.8	49	SE	1	bc	1024.2	-1	50	+12	SE	2	S	bc	*	-	53	38	f.bcz	og	bz	*		
Tynemouth	1026.7	52	NE	1	ogm	1025.5	-2	51	+1	ENE	2	S	c	3	1	53	49	cm	ogm	cm	*		
Spurn Head	1026.5	54	NE	3	ouf	1026.6	0	53	+1	ESE	1	-	c	2	Trace	58	51	bc	cop	o	0.4		
Yarmouth	1025.0	55	E	3	c	1024.7	0	54	0	ESE	3	SE	bc	3	-	57	53	bc	bc	bc.b.c	3.0		
Clacton-on-Sea	1024.0	53	NNE	2	bc	1024.9	0	54	+2	E	2	-	o	2	-	59	50	o.c	c.b.c	bc.cog	2.5		
Nottingham	1025.7	55	NE	1	o	1025.4	-	46	-3	E	1	-	om	*	-	60	44	o.c	c.o	o.c.b	2.1		
Bath	1025.2	54	NE	1	o	1024.9	-	45	-4	E	1	-	m	*	-	59	40	o.c.b.c	c.om	c.b.c.m	3.8		
St. Farnborough	1024.7	52	N	2	bc	1024.4	-1	47	-2	-	0	-	omw	*	1	57	37	o	o.b.c	bc.b.m	0.1		
London (Kew Obsy.)	1025.4	56	NE	1	o	1025.0	0	50	0	ENE	1	-	om	*	-	59	48	om.o	o.c.o.c	c.b.zom	1.5		
NORTHERN EUROPE.	Spitsbergen	1020.8	19	NW	4	b	1024.8	0	10	-9	-	0	-	b	*	-	27	16	*	*	*	*	
	Vardö	1018.1	37	NW	9	r	1022.3	+1	34	-3	NW	5	-	s	3	-	39	34	*	*	*	*	
	Bodö	1029.9	43	-	0	o	1027.0	-2	41	-2	E	1	-	b	1	-	45	36	*	*	*	*	
	Christiansund	1029.1	48	-	0	f	1028.0	0	45	-3	-	0	-	o	1	-	54	43	*	*	*	*	
	Skudesnaes	1028.2	46	-	0	b	1028.0	0	43	0	NE	1	-	b	1	-	53	39	*	*	*	*	
	Færder (X'ania Fjord)	1027.8	50	N	2	b	1024.1	0	46	+5	NNE	2	-	b	1	-	50	41	*	*	*	*	
	The Scaw (Skagen)	1026.9	46	NE	1	b	1027.4	0	50	+2	ENE	2	-	b	3	-	54	45	*	*	*	*	
	Blaavands Huk	1027.0	50	NNE	1	o	1025.3	-1	43	-7	NE	1	-	f	2	-	55	43	*	*	*	*	
	Haparanda	1028.4	36	NW	2	b	1028.8	0	28	-9	E	2	-	b	*	-	46	25	*	*	*	*	
	Hernösand	1029.1	39	-	0	b	1031.8	0	34	-11	-	0	-	bc	*	-	54	30	*	*	*	*	
	Stockholm	1026.1	48	NNE	2	b	1028.8	+2	41	+2	NNE	2	-	f	*	-	52	37	*	*	*	*	
	Wisby	1025.2	39	NE	2	b	1026.4	+3	45	+2	NE	4	-	c	*	-	46	37	*	*	*	*	
	Karlstad	1027.4	43	-	0	b	1029.6	+1	45	+15	N	2	-	bc	*	-	52	30	*	*	*	*	
	Petrograd (G.M.T.)	1027.4	43	-	0	b	1029.6	+1	45	+15	N	2	-	bc	*	-	52	30	*	*	*	*	
	FRANCE, &c.	The Helder	1026.0	52	NE	2	o	1025.2	0	52	+2	NW	1	-	c	1	-	52	50	*	*	*	*
C. Gr. Nez		1024.1	53	NE	1	o	1024.8	0	49	-2	ESE	1	-	o	1	-	57	46	*	*	*	*	
La Hève		1025.0	52	NE	2	c	1023.8	-	46	-2	-	0	-	m	2	-	57	45	*	*	*	*	
Ushant		1024.8	55	ENE	1	b	1019.0	-	54	+2	SE	4	-	o	3	-	63	46	*	*	*	*	
Brest (St. Mathieu)		1026.0	54	NE	3	bc	1022.9	-2	52	+2	ESE	3	-	b	2	-	66	50	*	*	*	*	
Rochefort (Ile d'Aix)		1024.3	57	NNW	3	c	1023.5	+1	48	-3	E	3	-	bc	*	-	63	48	*	*	*	*	
Biarritz		1023.1	58	SW	3	bc	1022.4	0	51	-1	-	0	-	b	1	-	64	48	*	*	*	*	
Paris		1023.9	48	-	0	o	1024.7	+1	43	-3	-	0	-	b	*	-	54	43	*	*	*	*	
Belfort		1022.9	45	-	0	o	1023.9	-	44	+2	-	0	-	f	*	-	50	42	*	*	*	*	
Lyons		1022.4	48	N	3	o	1022.1	-	47	+2	N	2	-	o	*	-	51	45	*	*	*	*	
Nice		1016.2	48	-	0	c	1015.9	+2	48	-3	-	0	-	bc	3	17	64	48	*	*	*	*	
Perpignan		1020.6	57	WNW	3	b	1020.4	0	55	+1	N	3	NW	bc	*	-	64	46	*	*	*	*	
Sanguinaire		*	58	NW	4	c	*	-	60	+3	W	3	-	b	4	-	61	54	*	*	*	*	
SOUTHERN EUROPE.		Corunna (7 a.m.)	1021.5	66	NNE	3	o	1020.3	-2	72	-?	SSE	1	-	f	1	-	66	55	*	*	*	*
		Madrid (8 a.m.)	1020.2	59	W	2	c	1023.3	0	48	+2	E	1	-	bc	*	-	63	45	*	*	*	*
	Lisbon (9 a.m.)	1019.5	72	NW	4	b	1020.3	+1	59	0	N	2	N	b	5	-	75	50	*	*	*	*	
	Gibraltar	1019.6	63	SE	2	m	1020.0	-	65	0	E	4	-	m	2	-	73	61	*	*	*	*	
	Rome	*	*	*	*	*	*	-	*	*	*	*	-	*	*	-	*	*	*	*	*	*	
	Malta (8 a.m.)	*	*	*	*	*	1017.2	+1	66	0	NW	3	-	o	1	-	72	64	*	*	*	*	
	Azores (Horta, 8 a.m.)	1015.1	*	S	5	bc	1006.8	+3	69	-1	SW	4	-	o	3	3	75	68	*	*	*	*	
	Madeira (Funchal)	1020.2	73	NE	3	b	1021.0	+1	64	-2	NE	3	-	b	2	-	75	63	*	*	*	*	
	South Farnborough 7 a.m. Pilot Balloon Ascent :- Wind at 500 metres SE by E 18 miles per hour. " " 1300 " S by E 6 " " "																						

RAINFALL.			
Equivalents of Millimetres.			
in Inches.			
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97



# FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

## FORECAST DISTRICTS.



## STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

South Cone hoisted this morning.

Western Channel and Bay 11

- |    |   |   |   |
|----|---|---|---|
| 0  | a | } | Freshening Southerly winds; becoming dull, some rain; warmer.   |
| 1  | b |   |   |
| 2  | a | } | Easterly breezes, shifting towards South and freshening somewhat; fair at first, but becoming less settled; warmer. |
| 3  | b |   |   |
| 4  | a | } | Wind becoming strong from South East or South; dull, some rain; warmer.   |
| 5  | b |   |   |
| 6  | a | } | Freshening Southerly winds; moderate to rather rough sea; becoming dull, some rain.                                 |
| 7  | b |   |   |
| 8  | a | } |   |
| 9  | b |   |   |
| 10 | a | } |   |
| 11 | b |   |   |

## FURTHER OUTLOOK.

R. G. K. LEMPFFERT, Superintendent, Forecast Division.

NAPIER SHAW, Director.

Millibars  
1050

1040

1030

1020

1010

1000

990

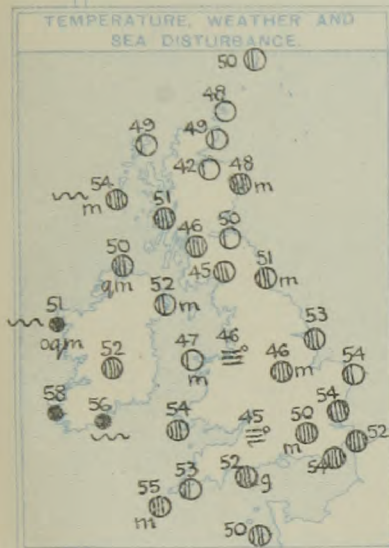
980

970

# SYNOPTIC CHART FOR 7 a.m., THURSDAY, 7<sup>TH</sup> OCTOBER, 1915.

## GENERAL INFERENCE.

The depression in the west will advance eastward and cause strong winds and unsettled weather in all our western districts. In the east conditions will also become less settled by to-morrow.



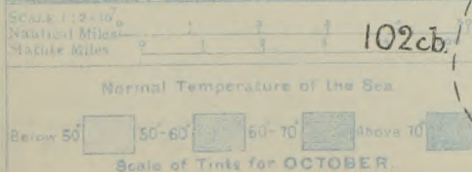
## EXPLANATION.

**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 3/4 clouded. ○ overcast sky. ○ rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 K, thunderstorm.  
**SEA DISTURBANCE.**—Rough ~~~. High ~~~~.

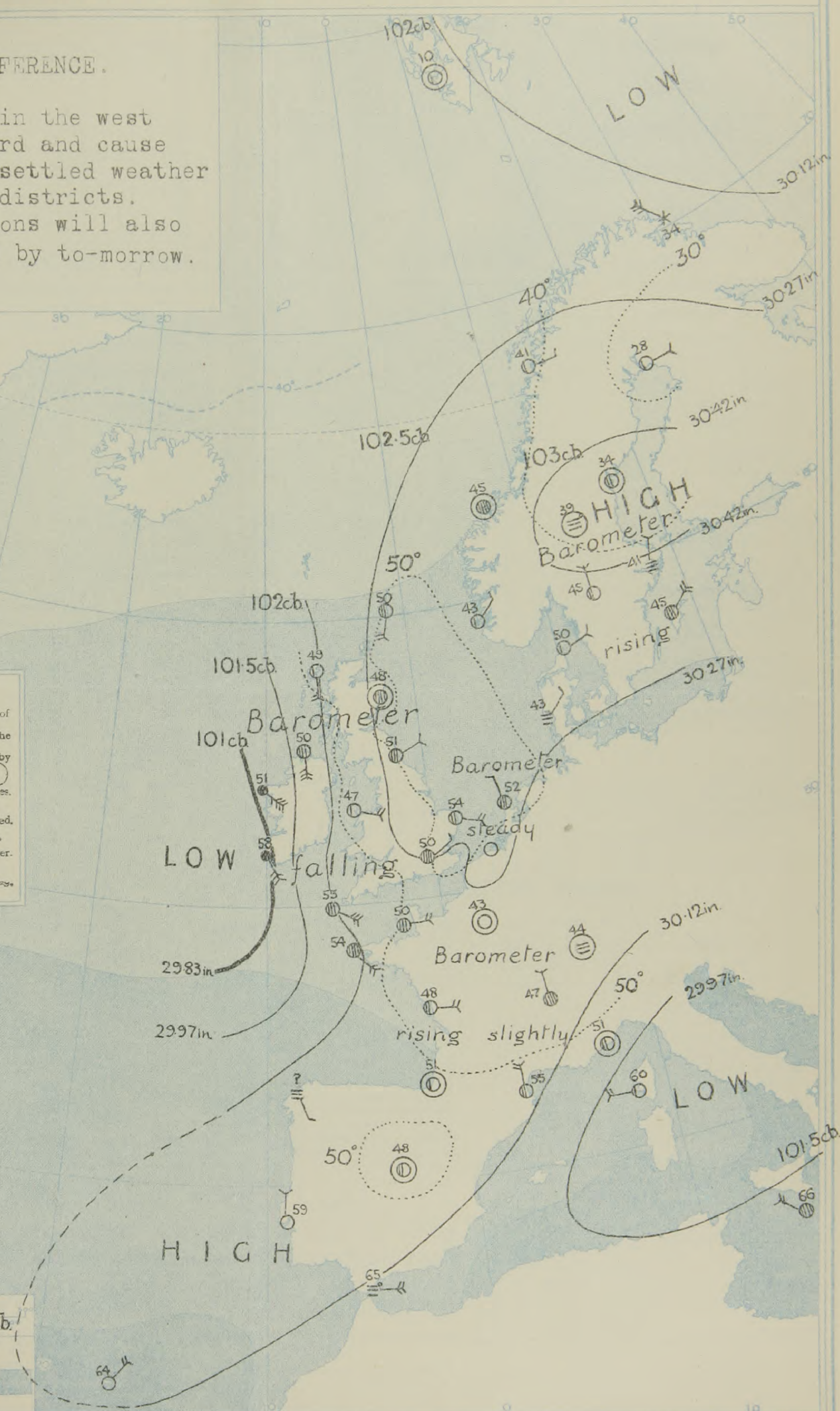
Inches.  
—31

30

29



102cb.



## DAILY WEATHER REPORT.

Thursday, 7th October, 1915.

REPORTS  
FOR  
YESTERDAY.

6th October 1915.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Direc.	Force 0-12.				Dry Bulb. ° F.	Change in 24 hours.	Direc.	Force 0-12.							
Petrograd	1027.1	45	SE	2	0	1022.3	-2	43	+4	W	3	—	0	4	—	45	39	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.		
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.			
	mm. & .	° F.	° F.			Hr.		mm. & .	° F.	° F.			Hr.		
Scotland.	{ Oban ... ..	-	?	35	bc	bc	6.6	England, S.E.	{ Tunbridge Wells ... ..	1	58	48	m.o.c.o	o.c.om	0.5
	{ Banff ... ..	-	56	33	b	b.bc	8.8		{ Margate ... ..	6	57	50	c	c.o	3.3
	{ Carnoustie ... ..	-	51	32	*	*	0.7		{ Ramsgate ... ..	12	57	50	o.bc	o.bc.	2.0
	{ St. Andrews ... ..	-	51	32	*	*	0.7		{ Hastings ... ..	1	58	49	op.bc	o.b.bc.	3.6
Eng. N.E.	{ Harrogate ... ..	0.4	52	46	o	o	0.0		{ Bexhill-on-Sea ... ..	-	57	49	o.b.bc	bc.om.	2.5
	{ Skegness ... ..	0.4	?	46	ogp	p.o.bm	0.0		{ Eastbourne ... ..	-	60	49	c	c	2.0
Eng. N.W.	{ Morecambe ... ..	-	56	48	bc.c	o	0.0		{ Brighton ... ..	-	61	47	o.c.o	o.c.o	0.9
	{ Blackpool ... ..	-	57	46	c.og	og.o	0.3		{ Worthing ... ..	-	59	49	c	c	0.6
	{ Southport ... ..	-	57	46	o.c.o	og.o	1.1		{ Littlehampton ... ..	-	58	51	o	o.bc.	0.5
Midlands.	{ Buxton ... ..	-	60	45	bc	bc.c	3.3		{ Bognor ... ..	-	58	48	o	o	0.5
	{ Leamington Spa ... ..	-	56	45	m.bc	bc.c	2.4	{ Southsea ... ..	-	58	48	o	o	0.0	
	{ Malvern ... ..	2	56	45	m.bc	bc.c	2.4	{ Bournemouth ... ..	-	59	47	c	c.o	2.5	
	{ Ross-on-Wye ... ..	0.2	59	45	o.c.bc	o.b.c.b	1.3								
Wales.	{ Rhyl ... ..	-	57	44	o	og	0.0	England, S.W.	{ Weymouth... ..	-	59	48	bc.c	o.bc.og	2.6
	{ Colwyn Bay ... ..	-	56	44	bc	bc.o	0.6		{ Torquay ... ..	-	57	44	b.bc.	bc.b.	6.5
	{ Llandudno ... ..	-	58	42	o.c	bc.o	1.5		{ Paignton ... ..	-	59	43	b.b.c	bc	7.2
	{ Aberystwyth ... ..	-	59	37	b	bc	1.5		{ Falmouth ... ..	-	60	43	b	b	7.0
	{ Tenby ... ..	-	59	37	b	bc	1.5		{ Penzance ... ..	-	57	38	b.bcv	bc.	4.9
England, E.	{ Cromer ... ..	4	59	51	o.b.c	bc.c	3.9		{ Newquay ... ..	-	56	43	c.bc	o	2.6
	{ Lowestoft ... ..	3	56	51	o.c.o	o.c	1.2		{ Ilfracombe ... ..	-	59	43	o.c	bc.b.	2.5
	{ Felixstowe ... ..	2	58	49	bc	c	1.6								
	{ Walton-on-Naze ... ..	2	58	49	bc.c	c.og	1.9								
	{ Southend-on-Sea ... ..	2	60	46	n.o.c	bc.c	2.7								

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 69	% 91	Hr. 0.7	* F. 59	* F. 49	* F. 38	mm. & -	<i>o.p.o</i>	<i>o</i>	<i>o.c</i>
City (Bunhill Row) ...	% 7	% 9	0.9	% 5	% 5	% 3	% -	% *	% *	% *
Westminster (St. James's Pk.)	73	90	0.6	55	51	46	-	o	o	om
Camden Sq. (Brit. Rainfall)	71	90	0.7	61	47	41	-	o.c	b.o	*
Hampstead (Reservoir) ...	% 73	% 93	0.9	57	47	36	-	c	om	om
Richmond Park	% 7	% 9	0.9	57	47	36	-	c	om	om
Kew. (See front page.)	% 7	% 9	0.9	57	47	36	-	c	om	om
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
S. Kensington (Roof of M.O.)	69	81	0.3	Total. Joules		Average Rate. Milliwatts.		Max. Rate. Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm. & .	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.								*
Darwen to 9 p.m.								*
Manchester "	-	59	48	*	02	02 00 00	0 00 m	1.5
Birmingham "	*				*			*
Oxford to 8 p.m.								*
Teignmouth to 9 "	-	58	44	41	b	b	b c b	9.0
Plymouth "								
S. Kensington (Museum Grounds to 8 p.m.)	-	60	54	47	0	0	0 00 00	*

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

October 7th 1915.	Sunrise.			Noon.			Sunset.		
	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	6.6	11.41	5.14	12.41	11.41	5.14	6.6	11.41	5.14
Greenwich ...	6.12	11.48	5.24	12.48	11.48	5.24	6.12	11.48	5.24
Wick ...	6.32	12.0	5.28	12.0	12.0	5.28	6.32	12.0	5.28
Valencia ...	6.53	12.29	6.3	12.29	12.29	6.3	6.53	12.29	6.3

## NOTES ON YESTERDAY'S WEATHER.

Fair weather prevailed, though there was a good deal of cloud. Bright sunshine was greatest in Scotland and North Ireland, Banff 8.8 hours, Malin Head 8.0 hours. The southwest of England also experienced considerable bright sunshine. Rather heavy rain fell overnight in the southwest of Ireland, Valencia 15 mm.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

GALES.

Duration and Extreme Force  
in British Islands.

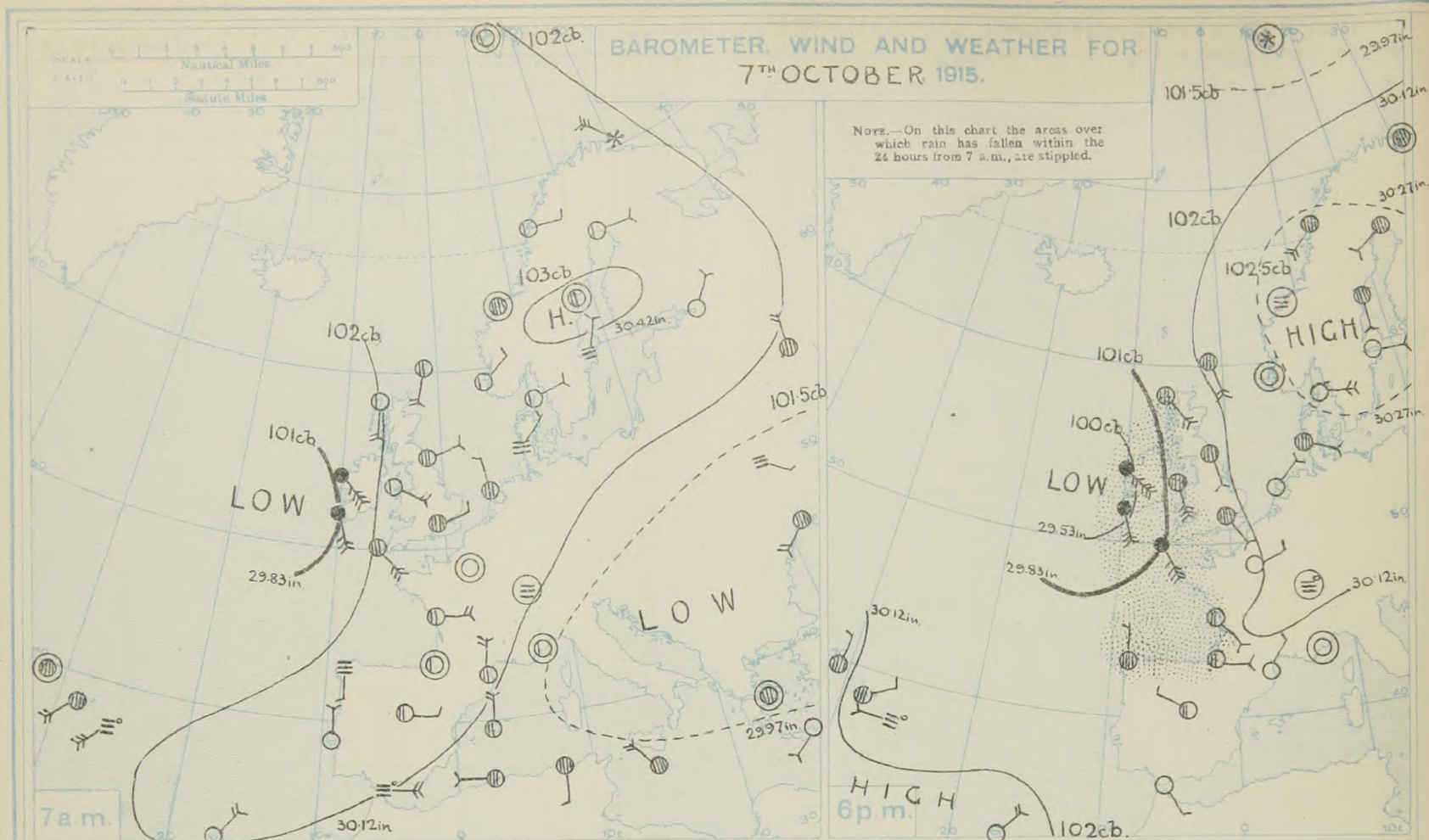
Malin Head:  
1h-7h. SE. 3.

Blacksod Point:  
7h-13h. SE. 8.  
Extreme 9 at 8h.

Roche's Point:  
13h-20h. SSW. 8.

St. Ann's Head:  
18h-5h. SSE. 8.

Wind at 500 metres SSE 25 miles per hour.  
" " 2000 " SSE 23 " " "



**FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

Cones Hoisted Yesterday

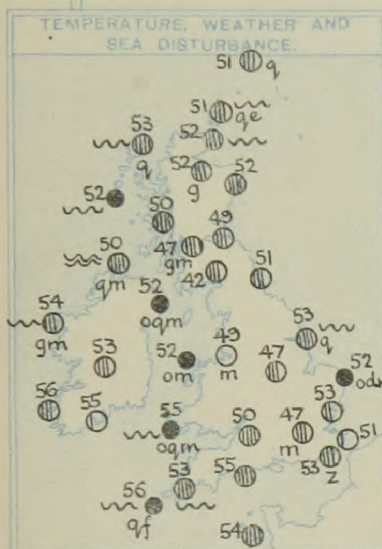
Western Channel and Bay

- |    |   |  |
|----|---|--|
| 0  | a | Fresh or strong South-Easterly winds, veering and moderating later; dull, some rain, then improving; moderate temperature. |
| 1  | b |  |
| 2  | a | Moderate to fresh South-Easterly or Southerly wind; cloudy; some rain probable later; moderate temperature.                |
| 3  | b |  |
| 4  | a | Light South-Easterly winds, freshening somewhat; fair at first, some rain probable later; moderate temperature.            |
| 5  | b |  |
| 6  | a | Strong South-Easterly wind, veering Westerly and moderating later; dull, some rain then improving; moderate temperature.   |
| 7  | b |  |
| 8  | a |  |
| 9  | b | Moderate Westerly winds; fair, some showers, moderate temperature.   |
| 10 | a |  |
| 11 | b | Moderate Westerly or North-Westerly wind, sea rather rough; fair, some showers.  |

**FURTHER OUTLOOK.**

# GENERAL INFERENCE.

The V-shaped depression is likely to move slowly eastward, and to become less deep.



## EXPLANATION.

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

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

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

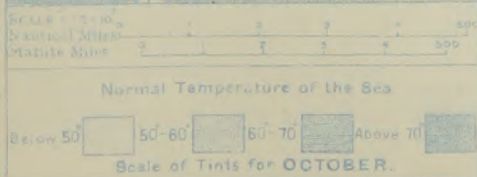
**WEATHER.**—Shown by the following symbols:—  
○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.  
⊙ sky 2/3 clouded. ⊙ overcast sky. ⊙ rain falling.  
⊙ snow. ⊙ hail. ⊙ fog. ⊙ mist. ⊙ thunder.  
⊙ thunderstorm.

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

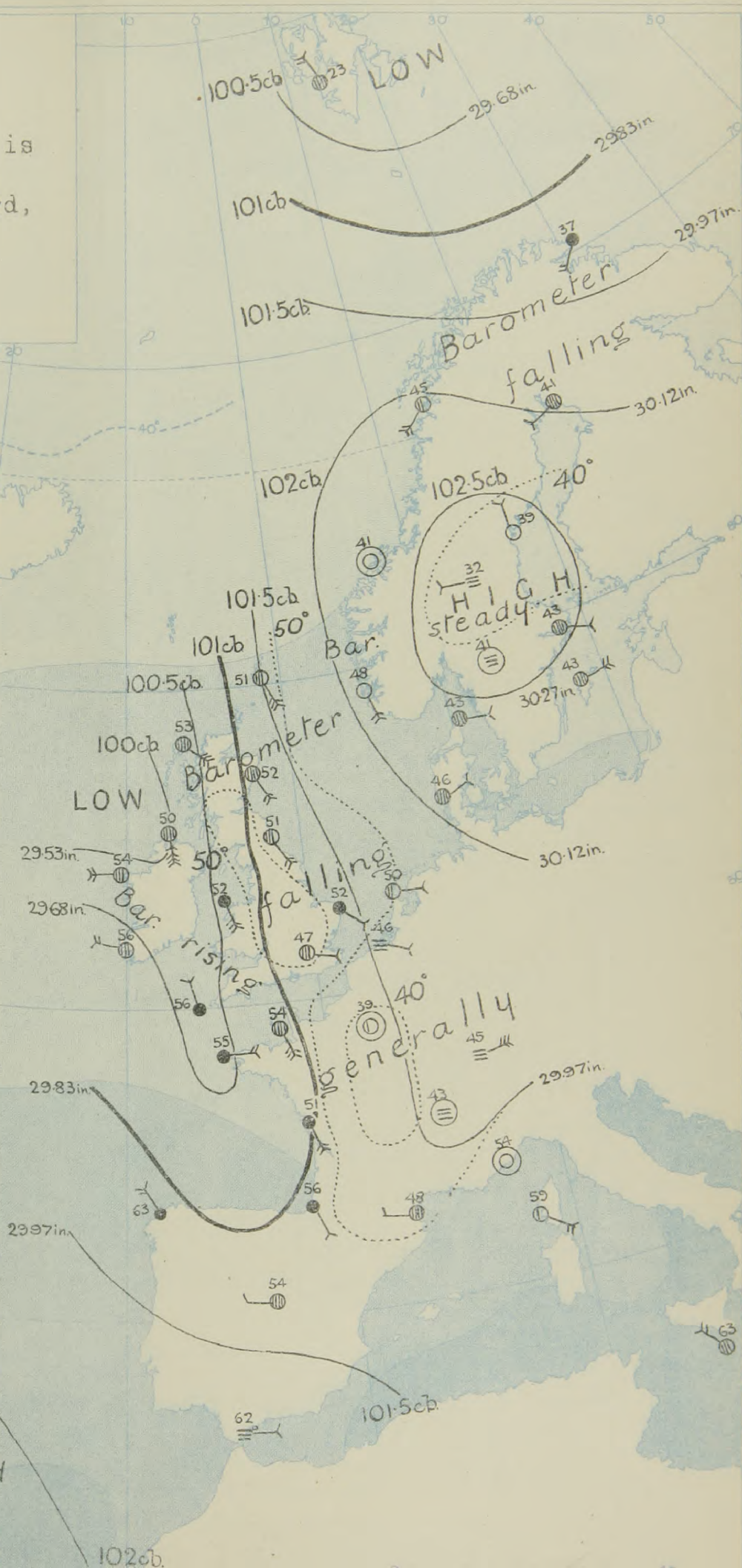
Inches.  
31

30

29



HIGH



## DAILY WEATHER REPORT.

Friday, 8<sup>th</sup> October 1915.REPORTS  
FOR  
YESTERDAY.7<sup>th</sup> October

Petrograd

## EVENING OBSERVATIONS.

STATIONS.	Barom. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.
			Dir.	Force 0-12.	
Petrograd	1023.8	43	N	3	0

## OBSERVATIONS AT 7 A.M., G.M.T.

STATIONS.	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.	
					Dir.	Force 0-12.					Max.	Min.
Petrograd	1027.3	+2	39	-4	NE	2	-	6	*	-	46	39

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.	
Scotland.						
Oban ...	-	56	49	0	0	0.7
Banff ...	-	57	43	0 c. bc	bc	1.8
Carnoustie ...	-	57	37	*	*	2.0
St. Andrews ...	-	57	37	*	*	2.0
Eng. N.E.						
Harrogate ...	0.2	53	47	0 c	0	0.0
Skegness ...	-	60	48	0 bc	0 g	3.3
Eng. N.W.						
Morecambe ...	-	57	42	bc c	c. 0	2.3
Blackpool ...	-	57	45	bc 0	0	0.0
Southport ...	-	57	42	c. 0	0 c. 0	2.0
Midlands.						
Buxton ...	-	51	45	bc	bc	0.0
Leamington Spa ...	-	57	40	c	bc. c	1.7
Malvern ...	-	56	40	c	c	0.5
Ross-on-Wye ...	-	57	39	f	c. om	0.0
Wales.						
Rhyl ...	-	57	39	0 g	c. 0	0.2
Colwyn Bay ...	-	57	46	bc	bc	0.3
Llandudno ...	-	57	46	0 c. 0	c. 0	0.5
Aberystwyth ...	-	54	42	bc. 0	bc. 0	0.0
Tenby ...	-	54	42	bc. 0	bc. 0	0.0
England, E.						
Cromer ...	-	60	51	0 c. bc	bc. c. 0	3.8
Lowestoft ...	-	58	51	c. bc	bc	0.6
Felixstowe ...	-	58	51	c	bc	0.6
Walton-on-Naze ...	-	56	51	bc. c	bc. c	4.3
Southend-on-Sea ...	-	59	49	0 c.	bc. c	2.6
England, S.E.						
Tunbridge Wells ...	-	55	43	0	0 c. 0	0.1
Margate ...	-	56	51	c. bc	bc. bc	6.0
Ramsgate ...	-	55	48	0 bc	bc. c	4.1
Hastings ...	-	56	47	0	c. 0	0.9
Bexhill-on-Sea ...	-	56	47	0	c. 0	0.9
Eastbourne ...	-	56	45	0	0. 0	1.1
Seaford ...	-	59	43	0	0	0.0
Brighton ...	-	57	44	0	0	0.0
Worthing ...	-	56	43	0	0	0.0
Littlehampton ...	-	56	45	0	0	0.0
Bognor ...	-	57	45	bc	c. 0	1.6
Southsea ...	-	57	45	bc	c. 0	1.6
Bournemouth ...	-	57	38	f. c.	c. 0	2.0
England, S.W.						
Weymouth ...	-	58	45	3 c. 0	0 g	0.0
Torquay ...	-	59	46	0	0	0.3
Paignton ...	-	59	42	bc	0	0.3
Falmouth ...	-	59	42	bc	0	0.3
Penzance ...	0.2	57	46	0	0 c	0.0
Newquay ...	-	56	41	0 g	0. 0	0.0
Ilfracombe ...	-	60	45	0	0	0.0
Weston-super-Mare ...	-	60	45	0	0	0.0

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall. mm. & .	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.	24 Hours ended 9 a.m. To-Day.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obsy.) ...	70	77	1.1	59	45	37	-	0	0 c. 0	0 c. bc
City (Bunhill Row) ...	70	87	1.0	58	49	44	-	0 m	0 m	bc. 3.0
Westminster (St. James's Pk.)	70	87	0.1	58	49	44	-	0 m	0 m	bc. 3.0
Camden Sq. (Brit. Rainfall)	68	81	0.7	60	46	42	-	0 m	0 m	bc. 3.0
Hampstead (Reservoir) ...	70	81	0.8	56	45	34	-	0.0	bc	bc. 3.0
Richmond Park ...	70	81	0.0	56	45	34	-	0.0	bc	bc. 3.0
Kew. (See front page.)	70	81	0.0	56	45	34	-	0.0	bc	bc. 3.0
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	62	73	0.0	337	Joules	8.4 Milli-watts.			28 Milli-watts.	

## Additional Observations for Yesterday.

STATIONS.	Rain- fall. mm. & .	TEMPERATURE.		Night Min. on Grass.	Night.	WEATHER.		Sun- shine for Yester- day.
		Max.	Min.			Fore- noon.	After- noon.	
Dublin to 4 p.m.	-	55	40	32	0	0 c	0	0.4
Darwen to 9 p.m.	-	55	40	32	0	0 c	0	0.4
Manchester "	-	55	40	32	0	0 c	0	0.4
Birmingham "	-	55	40	32	0	0 c	0	0.4
Oxford to 8 p.m.	-	55	40	32	0	0 c	0	0.4
Teignmouth to 9 "	-	60	44	42	6	bc. c	0	1.0
Plymouth "	-	60	44	42	6	bc. c	0	1.0
S. Kensington (Museum Grounds to 6 p.m.)	-	58	50	38	c. 0	om. 0	0	*

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

8 <sup>th</sup> & 9 <sup>th</sup> October 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	6.9	11.40	5.11
Greenwich ...	6.14	11.48	5.22
Wick ...	6.35	12.0	5.25
Valencia ...	6.35	12.28	6.0

## NOTES ON YESTERDAY'S WEATHER.

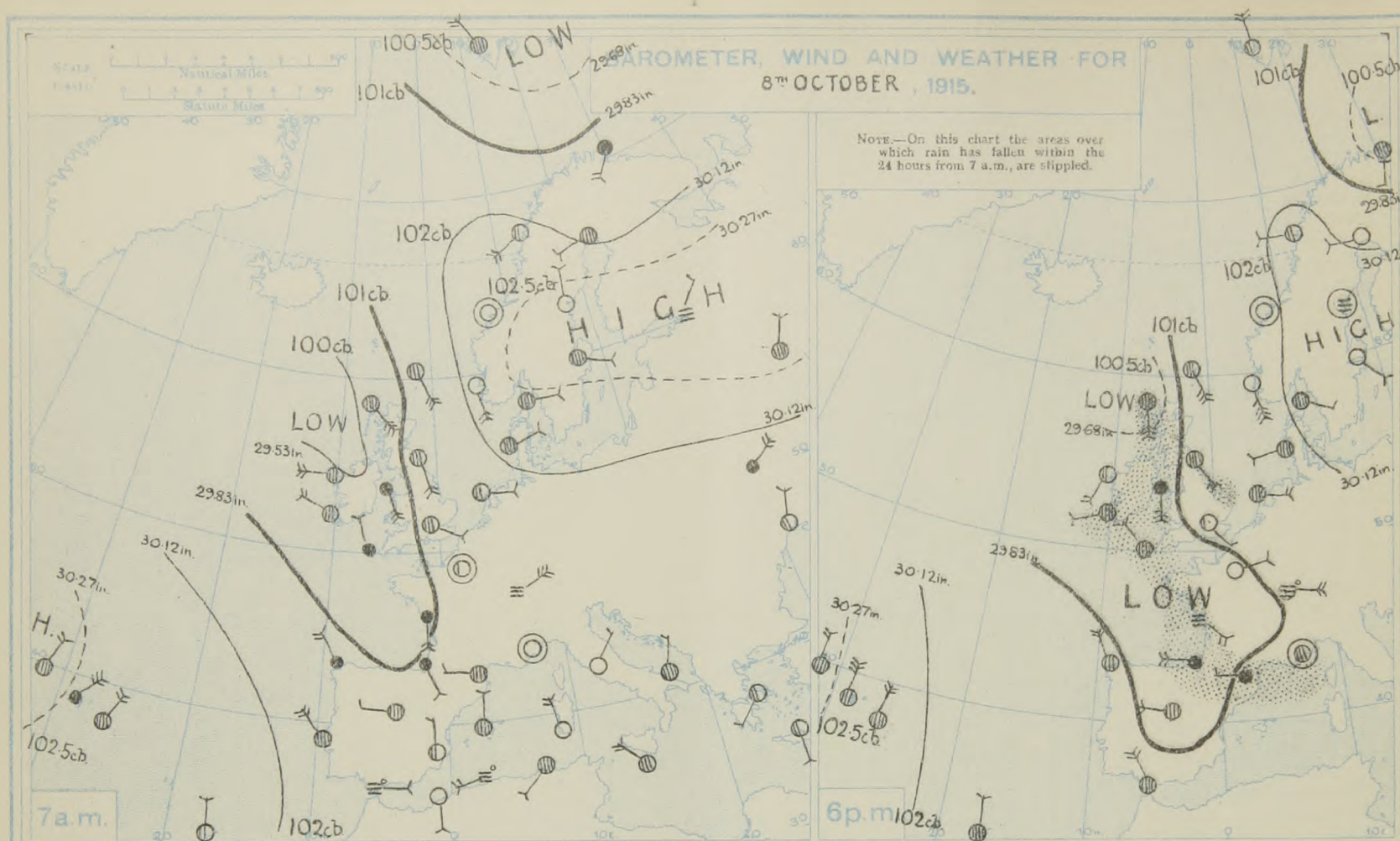
Heavy rain fell in the southwest of Ireland and England and Southerly gales were experienced in the west. Further east the weather was fair but mostly dull. Up to 8 hours of sunshine were recorded along the coast of Norfolk and Suffolk.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

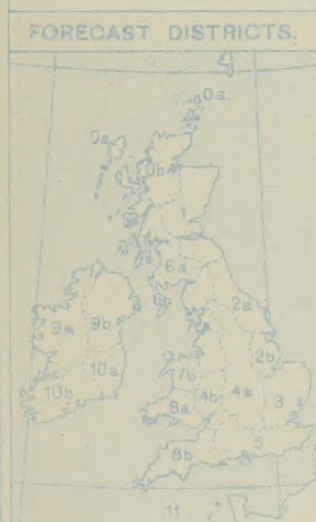
The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 8 hours.	TEMP.		WIND.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.						
			Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.						Direc.	Force 0-12.	Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	1011.8	52	SSE	5	cq	1013.7	+2	51	0	S	5	-	om	4	-	54	50	bc	bcq	c. om	Hours.	
	Deerness ...	1006.8	52	SE	7	oqn	1016.8	*	51	0	SE	5	S	m	4	-	53	51	C. o	oqn	oqn	0.3	
	Stornoway ...	1002.8	53	S	6	o-dpq	1008.9	+2	52	-1	SE	2	-	c	2	0.3	55	52	oqpy	oqpy	cq	0.0	
	Castlebay (Barraisd.)	1004.9	54	SSW	3	o	1008.5	+2	54	+1	S	2	S	o	2	2	55	51	r. oqp	oqp. o	c. b. o	0.0	
	Glasgow ...	1008.5	50	SE	2	o-dm	1011.2	+3	49	+2	E	1	-	ome	*	16	52	46	o-dm	r	oq. o	0.0	
	Eskdalemuir ...	1009.7	50	SSE	2	o-dm	1012.5	+2	47	+5	S	1	-	o-dm	*	1	54	42	o. c. o	o. o-dm	o. o-dm	1.8	
	Malin Head ...	1006.0	54	SW	3	cq	1007.9	+1	50	0	SSE	3	SE	bc	3	1	56	48	cnp	cq	cm	1.3	
	Blacksod Point ...	1007.4	54	SSW	3	bcz	1007.0	0	52	-2	SSE	3	S	bcz	3	-	59	51	bc	bc	bc. bc	*	
	Valencia ...	1009.3	57	WSW	2	o	1007.1	0	49	-7	E	2	SW	cu	4	0.2	60	46	cu	cu	o. b. cu	3.1	
	Roche's Point ...	1009.0	58	NNW	2	b	1009.0	*	47	-8	NNE	1	SW	c	2	0.2	62	46	b. bc. c	c. b	bc. cu	*	
	Birr Castle ...	1007.8	57	SW	1	c	1008.3	*	42	-11	-	0	-	c	*	-	62	41	c	c	c	3.4	
	Donaghadee ...	1006.8	54	SW	3	o-mr	1008.9	+2	49	-3	SSE	1	-	fe	1	7	55	44	o-mr	o-mr	oq. fe	*	
	Liverpool (Bidston) ...	1009.8	54	SE	2	o	1011.6	+1	46	-3	SE	2	SE	b	2	-	56	44	o-mr	o	o-mr	0.0	
	Holyhead ...	1007.8	53	S	5	o-mr	1009.9	+1	52	0	SSE	2	-	o-gm	1	14	54	52	o-mr	p. o-mr	oq. p. o	0.0	
	Pembroke (St. Ann's) ...	1008.8	53	SSW	3	f	1009.3	0	55	0	SSE	3	-	o-g	4	5	55	51	o-gm	oq	oq	0.0	
NORTHERN EUROPE.	Scilly (St. Mary's) ...	1008.6	56	NNW	2	o-mg	1008.6	0	55	-1	-	0	S	cu	3	3	57	51	o-mr	cu. o-mg	cu. bc	0.0	
	Falmouth ...	1009.0	53	E	1	me	1009.2	+1	52	-1	E	1	-	om	3	3	54	52	se	se	od. om	0.0	
	Jersey (St. Aubin) ...	1007.0	55	ESE	4	og	1009.0	*	51	-3	E	2	-	bcu	1	2	56	49	o-mr	o-mr	oq. bcu	0.0	
	Portland Bill ...	1008.6	57	ESE	5	o	1010.0	+1	56	+1	ENE	3	E	c	3	0.1	58	53	o	o	oq. c	*	
	Dungeness ...	1010.6	56	SE	3	bcz	1010.9	+1	55	+2	ENE	2	-	o	2	-	58	52	bcz	bcz	bc. c. o	*	
	Dover ...	1011.2	54	E	3	c	1011.5	+2	52	+1	NE	1	NE	o	2	-	57	49	b	bc	c. o	5.8	
	Wick ...	1008.4	52	SSE	5	m	1010.6	+1	52	0	SSE	4	-	m	4	-	53	50	om	om	om	*	
	Nairn ...	1007.0	52	S	1	og	1010.3	*	49	-3	-	0	-	o-gm	1	0.2	55	48	yo	oq	oq	0.0	
	Aberdeen ...	1010.2	53	SSE	4	o	1012.8	+2	52	0	SSE	3	-	o	3	-	58	52	oq. c	oq. o	o	3.2	
	Leith ...	1008.3	54	SE	2	o	1011.8	+2	49	0	SE	2	-	o	*	8	56	48	og	o	o. o	*	
	Tynemouth ...	1010.4	53	SE	3	om	1012.3	+2	48	-3	SSW	1	-	o-gm	3	-	55	41	c	cu	o-gm	*	
	Spurn Head ...	1012.2	55	SSE	5	bcq	1013.2	0	54	+1	ESE	2	-	o	4	1	58	51	bcq	bcq	or	5.6	
	Yarmouth ...	?	51	SE	1	bc	1012.0	+2	54	+2	ESE	3	SE	c	3	3	54	51	omd	omd. bc	bc. omd	0.0	
	Clacton-on-Sea ...	1011.5	55	ESE	3	c	1011.5	0	52	-1	N	2	NE	o	2	-	57	51	bc	bc. c	c. o-gm	8.3	
	Nottingham ...	1011.2	50	SE	1	c	1012.4	*	48	+1	E	1	E	cu	*	-	60	47	c. bc	bc. c	c. o	5.3	
Bath ...	1010.0	54	E	1	bc	1011.6	*	42	-8	E	3	-	m	*	-	59	41	bc	bc. c	bc. cu	1.3		
Sth Farnborough ...	1010.3	54	E	2	b	1011.2	+2	49	+3	-	0	-	mw	*	-	57	42	bz. bc. o	o. bc. b	bm	3.8		
London (Kew Obsy.) ...	1011.3	50	SE	1	bm	1011.6	+2	51	+4	-	0	-	omw	*	0.1	57	45	omw. b. o	q. b. om	bm. b. om	3.0		
FRANCE, &c.	Spitsbergen ...	1013.1	19	N	4	bc	1020.8	+3	12	-11	-	0	*	b	*	*	23	10	*	*	*	*	
	Vardö ...	1003.8	41	SSW	1	o	1015.3	+9	34	-3	N	11	-	o	8	*	41	32	*	*	*	*	
	Bodö ...	1022.7	45	W	2	bc	1022.1	-1	41	-4	E	1	-	b	1	-	46	39	*	*	*	*	
	Christiansund ...	1019.1	48	-	0	b	1018.9	+1	46	+5	-	0	-	c	2	-	52	41	*	*	*	*	
	Skudesnaes ...	1018.4	48	SSE	4	b	1019.9	0	46	-2	S	5	-	c	4	-	52	45	*	*	*	*	
	Færder (Xianla Fjord) ...	1022.4	45	SE	3	b	1022.9	+2	43	-2	E	2	-	o	1	-	46	43	*	*	*	*	
	The Scaw (Skagen) ...	1021.5	46	ESE	1	o	1021.6	+2	45	+2	ENE	2	-	o	2	-	50	41	*	*	*	*	
	Blaavands Huk ...	1017.9	48	?SE	2	o	1017.0	+1	46	0	E	3	-	o	3	Trace	50	45	*	*	*	*	
	Haparanda ...	1018.9	41	W	2	b	1021.4	+3	36	-5	NNW	2	NW	bc	*	-	48	34	*	*	*	*	
	Hernösand ...	1024.3	43	-	0	f	1024.4	+1	34	-5	-	0	-	f	*	-	46	32	*	*	*	*	
	Stockholm ...	1024.2	43	SE	2	b	1023.9	+1	41	-2	E	2	-	o	*	-	48	36	*	*	*	*	
	Wisby ...	1022.9	43	NE	2	o	1023.1	+1	43	0	E	2	-	o	1	-	46	41	*	*	*	*	
	Karlstad ...	1023.7	39	-	0	b	1024.2	+1	39	+2	NE	2	-	o	*	-	46	30	*	*	*	*	
	Petrograd (5 a.m. G.M.T.) ...	1014.3	52	E	3	o	1013.1	+1	50	0	ENE	2	-	o	2	-	55	50	*	*	*	*	
	SOUTHERN EUROPE.	The Helder ...	1010.3	53	ESE	3	o	1010.6	+1	52	+7	NE	4	*	o	2	-	61	45	*	*	*	*
C. Gris Nez ...		1009.6	51	ESE	3	m	1009.6	*	49	+6	ENE	3	*	m	2	-	55	43	*	*	*	*	
La Hève ...		1009.6	56	NNE	6	o	1009.6	*	55	0	NE	3	*	o	3	-	57	52	*	*	*	*	
Ushant ...		1009.6	56	NNE	6	o	1009.6	*	55	0	NE	3	*	o	3	-	57	52	*	*	*	*	
Brest (St. Mathieu) ...		1007.0	56	NW	4	o	1009.5	+1	53	-1	NE	2	*	r	4	1	61	50	*	*	*	*	
Rochefort (Ile d'Aix) ...		1005.9	54	SE	3	f	1006.9	0	57	+6	NE	3	*	o	*	8	55	50	*	*	*	*	
Biarritz ...		1008.7	63	W	4	r	1009.7	0	61	+5	WSW	4	*	c	3	9	64	56	*	*	*	*	
Paris ...		1009.5	50	ENE	2	b	1009.9	+2	39	0	ENE	1	-	b	*	-	59	39	*	*	*	*	
Belfort ...		1011.8	46	E	4	m	1011.8	*	37	-8	-	0	*	f	*	-	55	37	*	*	*	*	
Lyons ...		1010.3	54	-	0	c	1009.9	+2	53	-1	-	0	*	c	3	-	66	48	*	*	*	*	
Nice ...		1010.2	52	W	1	r	1009.7	+2	50	+2	SW	2	-	b	3	8	61	46	*	*	*	*	
Perpignan ...		1010.2	52	W	1	r	1009.7	+2	50	+2	SW	2	-	b	3	8	61	46	*	*	*	*	
Sanguinaire ...		?	65	NW	2	o	*	*	57	-2	E	3	*	r	3	3	77	54	*	*	*	*	
Corunna (7 a.m.) ...		1014.3	63	NNW	4	c	1011.1	-1	52	-11	SE	4	-	f	3	-	66	50	*	*	*	*	
Madrid (8 a.m.) ...		1009.7	66	W	2	o	1012.3	+2	54	0	WNW	1	-	o	*	-	42	46	*	*	*	*	
Lisbon (9 a.m.) ...	1013.5	64	NW	4	b	1012.2	*	65	+3	W	5	*	b	3	-	77	61	*	*	*	*		
Gibraltar ...	1013.5	64	NW	4	b	1012.2	*	65	+3	W	5	*	b	3	-	77	61	*	*	*	*		
Rome ...	1014.0	64	W	1	w	1014.0	+2	64	+1	W	1	W	b	0	-	68	61	*	*	*	*		
Malta (8 a.m.) ...	?	?	?	?	?	1014.0	+2	64	+1	W	1	W	b	0	-	68	61	*	*	*	*		
AZORES &c.	Azores (Horta, 8 a.m.) ...	1023.3	*	N	5	c	1025.0	0	64	+1	N	5	*	bc									

RAINFALL.			
Equivalents of Millimetres. in Inches.			
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97



### FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.



#### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

Western Channel and Bay 11

0 } Fresh Southerly or South-Easterly winds, moderating;  
fair generally, misty; moderate temperature.

1 } Moderate or light Southerly or South-Easterly breezes;  
fair generally; moderate temperature.

3 } Calms or light Easterly airs; fair, but cloudy, and  
rather misty; moderate temperature.

6 } Light Southerly breezes; dull, slight rain,  
improving; moderate temperature.

7 } Light Southerly to South-Easterly breezes; fair  
generally; moderate temperature.

8 } Light Easterly airs; fair generally, but misty;  
moderate temperature.

9 } Light Southerly or South-Easterly breezes; mostly  
fair; moderate temperature.

10 } Light breezes, mainly Easterly; fair generally;  
moderate temperature.

11 } Light North-Easterly breezes; sea slight; slight  
rain, improving later.

#### FURTHER OUTLOOK.

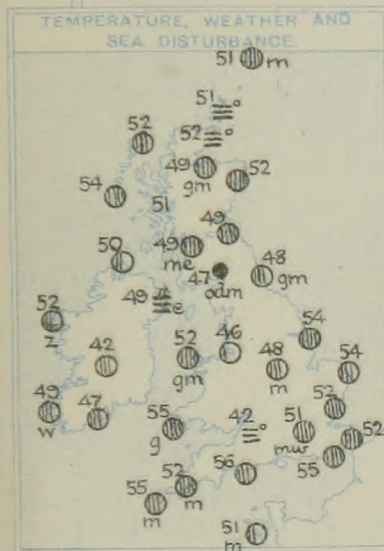
R. G. K. LEMPFRERT, Superintendent, Forecast Division.

NAPIER SHAW, Director.

# SYNOPTIC CHART FOR 7 a.m., SATURDAY, 9<sup>TH</sup> OCTOBER, 1915.

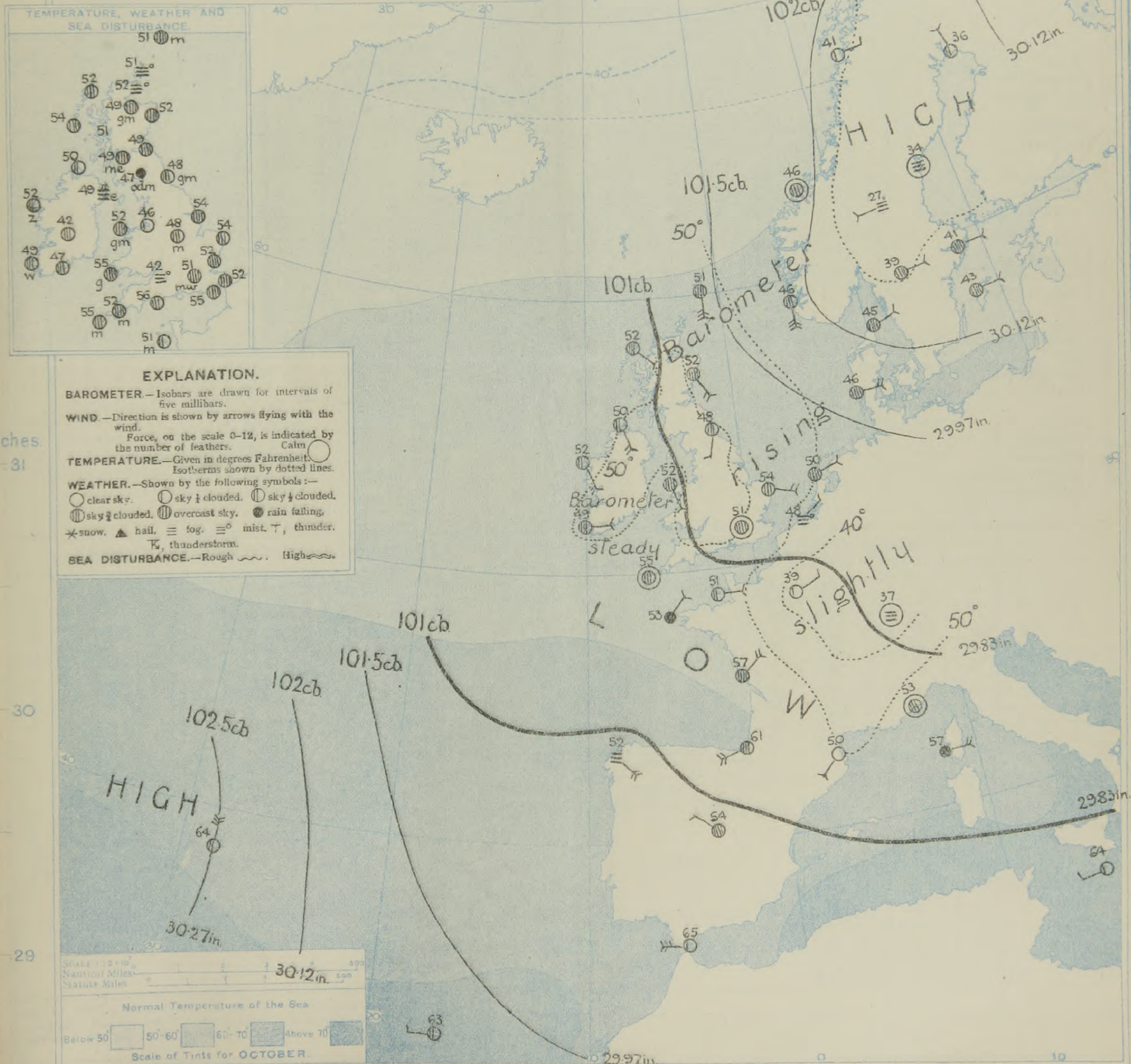
## GENERAL INFERENCE.

The anticyclone centred over Scandinavia will rule conditions over the British Isles.



## 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. overcast sky. rain falling. snow. hail. fog. mist. thunderstorm.  
**SEA DISTURBANCE.**—Rough High



# DAILY WEATHER REPORT.

October, 1915.

## REPORTS FOR YESTERDAY.

8th October, 1915.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli-metres.		TEMP. Max. Min.	
	Barom. Milli-bars at M.S.L.	TEMP. °F.	WIND. Direc.	Force 0-12.	Weather.	Barometer. Milli-bars at M.S.L.	Change in 3 hours.	TEMP. °F.	WIND. Direc.	Force 0-12.	Barometer. Milli-bars at M.S.L.	Change in 24 hours.	TEMP. °F.	WIND. Direc.	Force 0-12.				
Petrograd	1029.1	39	ENE	2	b	1029.1	0	32	NE	1	1029.1	0	32	NE	1	—	—	46	30
Lisbon	1016.3	72	NW	4	c	1016.3	-1	63	SW	2	1016.3	-1	63	SW	2	—	—	75	61
Rome	1014.1	57	N	1	b	1012.2	0	52	NE	1	1012.2	0	52	NE	1	—	—	64	50
Horta						1022.7	+1	63	NE	5	1022.7	+1	63	NE	5	—	—	79	63

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.		
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.			
	mm. & .	° F.	° F.			Hr.		mm. & .	° F.	° F.			Hr.		
Scotland.	{ Oban ... ..	—	53	49	r	o	0.0	England, S.E.	{ Tunbridge Wells ... ..	—	57	46	bc. o. bc	bc	4.7
	{ Banff ... ..	0.1	53	49	o	o	0.0		{ Margate ... ..	—	57	44	bc	bc	8.6
	{ Carnoustie ... ..	—	53	49	o	o	0.0		{ Ramsgate ... ..	—	58	50	bc	bc	8.5
	{ St. Andrews ... ..	—	53	47	*	*	3.0		{ Hastings ... ..	—	57	52	bc. b	b	8.2
Eng. N.E.	{ Harrogate ... ..	—	57	43	bc. c	c. o	1.7		{ Bexhill-on-Sea ... ..	—	57	52	bc. b	b	8.2
	{ Skegness ... ..	—	59	50	o. c	bc. o	5.2		{ Eastbourne ... ..	—	58	53	o. b	b. bc. m	6.5
Eng. N.W.	{ Morecambe ... ..	—	59	49	bc. o	o. g	2.3		{ Seaford ... ..	—	60	46	bc	bc	5.0
	{ Blackpool ... ..	—	58	48	c. bc. c	c. o	1.3		{ Brighton ... ..	—	59	51	bc	bc	7.5
	{ Southport ... ..	—	58	48	c. bc. c	c. o	1.3		{ Worthing ... ..	—	61	52	bc	bc	7.9
	{ Buxton ... ..	—	53	43	bc	bc.	2.1		{ Littlehampton ... ..	—	56	52	bc	bc	5.5
Midlands.	{ Leamington Spa ... ..	—	58	46	c. bc	s.	2.2	{ Bognor ... ..	—	58	52	b	bc	6.4	
	{ Malvern ... ..	—	56	47	c	c	0.0	{ Southsea ... ..	—	60	52	b	c	4.6	
	{ Ross-on-Wye ... ..	—	56	48	o. bc	c. o	0.0	{ Bournemouth ... ..	—	59	46	o. c	c. o	1.7	
	{ Rhyl ... ..	—	57	50	og	o	0.0	England, S.W.	{ Weymouth... ..	—	59	54	z. c	c. o. z	0.0
Wales.	{ Colwyn Bay ... ..	3	54	52	bc	cr	0.0		{ Torquay ... ..	2	57	53	o	o	0.0
	{ Llandudno ... ..	—	55	52	r. o	o. c. r	0.0		{ Paignton ... ..	5	57	53	o. p. o	o	0.0
	{ Aberystwyth ... ..	4	55	52	r. o	o. c. r	0.0		{ Falmouth ... ..	34	54	52	oe	oe	0.0
	{ Tenby ... ..	25	57	52	r	bc. o	0.0		{ Penzance ... ..	40	55	54	or	or. m	0.0
England, E.	{ Cromer ... ..	0.3	52	49	q. d	o	0.0		{ Newquay ... ..	19	53	51	or. m	or. m	0.0
	{ Lowestoft ... ..	4	52	51	or	or. c. bc	0.2		{ Ilfracombe ... ..	0.4	57	50	o	o. p. o	0.0
	{ Felixstowe ... ..	—	58	53	bc	c	3.4		{ Weston-super-Mare ... ..	—	57	45	e	bc	0.5
	{ Walton-on-Naze ... ..	—	58	52	bc	bc. c. o. c	7.9								
	{ Southend-on-Sea ... ..	—	58	44	bc. b	bc. c. o	5.6								

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 68	% 89	Hr. 5.3	° F. 60	° F. 49	° F. 40	mm. § —	bc	bc	bc. o
City (Bunhill Row) ...	% —	% —	4.0	% —	% —	% —	% —	% —	% —	% —
Westminster (St. James's Pk.) ...	68	89	3.6	60	52	45	—	abc	bc	om
Camden Sq. (Brit. Rainfall)	67	89	2.9	60	49	44	—	bmbc	c. om	%
Hampstead (Reservoir) ...	% —	90	2.5	57	47	39	—	c	bc. o	o
Richmond Park ...	% —	% —	1.9	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)	% —	% —	% —							
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	60	81	3.2	Total. 622 Joules		Average Rate. 155 Milliwatts.		Max. Rate. 38 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		Night Min. on Grass.	WEATHER.		Sun- shine for Yester- day.
		In Screen.	Max.		Fore- noon.	After- noon.	
		Max.	Min.				
Dublin to 4 p.m.	mm. & .	°F.	°F.	°F.			
Darwen to 9 p.m.	17	57	52	49	q. r. u	q. r. f	o. c
Manchester	—	—	—	—	—	—	—
Birmingham	—	56	46	42	—	—	1.6
Oxford to 8 p.m.	—	—	—	—	—	—	—
Teignmouth to 9 p.m.	—	—	—	—	—	—	—
Plymouth	—	—	—	—	—	—	—
S. Kensington (Museum Grounds to 6 p.m.)	—	60	49	40	om. o	bc. b. om. o	—

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

9th & 10th October, 1915.			Sunrise.	Noon.	Sunset.
			G.M.T.	G.M.T.	G.M.T.
Yarmouth	...	...	6. 9	11. 40	5. 11
Greenwich	...	...	6. 15	11. 47	5. 19
Wick	...	...	6. 37	11. 59	5. 22
Valencia	...	...	6. 58	12. 28	5. 58

## NOTES ON YESTERDAY'S WEATHER.

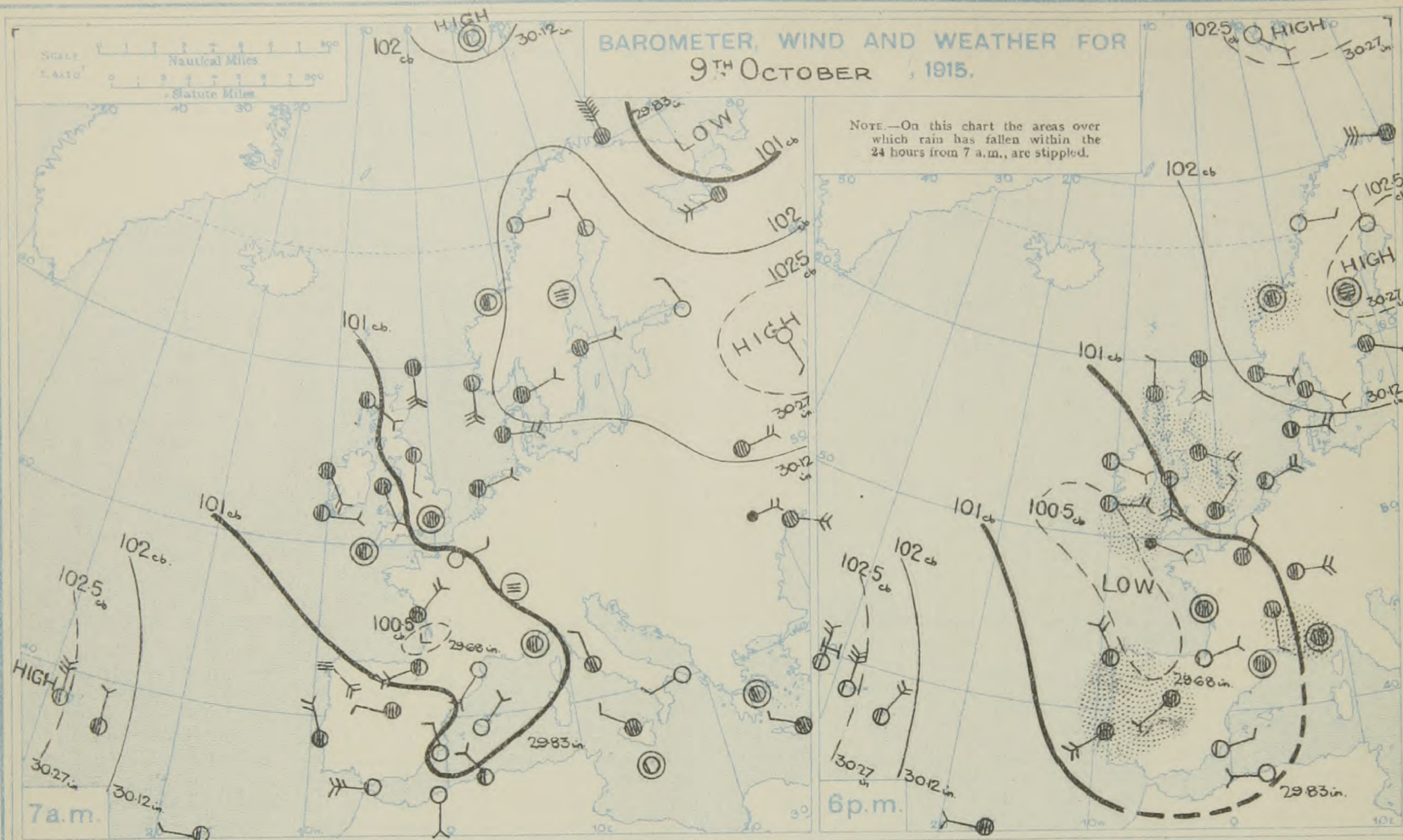
About 8 hours of bright sunshine were experienced over the Thames Estuary and the east coast of Kent, 7 hours at Brighton and Worthing, but over the country as a whole the weather was dull. Considerable rain fell in Wales and the west of Scotland.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 283. Sunday, 10th October, 1915.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	Barom. Milli- bars at M.S.L.	TEMP. °F.	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.					
			Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.						Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.																						
Lerwick ...	1016.2	52	S	4	om	1019.4	+1	52	+1	SSE	3	-	om	3	-	53	50	om	om	om		Hours.
Deerness ...	1014.2	51	SSE	5	m	1017.6	*	52	+1	SSE	4	-	om	3	-	54	50	m c	cm c	c o	2.8	
Stornoway ...	1011.7	52	N	1	oz	1013.8	?	52	0	SSE	2	-	o	2	0.2	57	50	c z	c o z	g d p o	0.6	
Castlebay (Barra Isd.)	1010.4	54	SE	4	om	1012.7	+1	54	0	SE	4	-	om	4	Trace	57	53	om c	c om	om	1.9	
Glasgow ...	1012.9	51	ESE	2	o	1014.8	+1	49	0	ENE	2	SE	o	*	0.1	54	48	og m	om com	o	0.0	
Eskdalemuir ...	1013.8	50	E	3	om	1014.8	0	48	+1	ENE	3	SE	c	*	Trace	56	46	adm om	o om	cm d o c	0.7	
Malin Head ...	1009.0	54	SSE	4	cmg	1009.9	0	52	+2	S	4	-	om	3	-	61	48	f m	cmg p	om	2.3	
Blacksod Point ...	1007.0	54	ESE	2	bc	1006.8	0	53	+1	SE	4	SE	cm	3	-	57	50	f m	bc	bc cm	*	
Valencia ...	1004.6	55	E	3	bep	1003.9	0	54	+5	ENE	2	SE	o	3	1	60	48	c op	c op c	c o b o	2.0	
ROCHE'S POINT.																						
Birr Castle ...	1007.9	57	E	3	o	1006.5	*	57	+10	E	5	-	o	5	0.2	58	42	c	c o	og	*	
Donaghadee ...	1007.7	56	SSE	1	c	1008.1	*	53	+11	SE	2	-	o	*	-	62	40	c	c	o	5.8	
Liverpool (Bidston)	1010.0	53	SE	3	om	1011.1	0	53	+4	SE	5	SE	cm	4	1	55	48	om p.	om	om off.	*	
Holyhead ...	1011.6	55	ESE	1	o	1011.8	0	50	+4	E	1	E	om	1	-	58	46	o b m	bc o	o c	3.6	
Pembroke (St. Ann's)	1010.1	57	S	4	cm	1010.6	+1	53	+1	E	3	-	o	2	Trace	61	52	c o bc	c bc c o	om o	3.4	
Scilly (St. Mary's)	1009.7	55	SSE	3	o	1008.1	-1	53	-2	E	4	E	cm	4	2	56	52	og	og	og p	0.0	
Falmouth ...	1006.8	55	ESE	2	om d	1003.7	-1	55	0	ESE	5	E	om	5	0.1	57	52	o	om d	om	0.0	
Jersey (St. Aubin)	1008.7	56	SE	2	b o z	1005.5	+1	56	+4	SSE	1	SE	cm	5	-	60	52	o c	bc b	c o c	3.5	
Portland Bill ...	1008.2	59	ENE	3	b	1006.7	*	52	+1	E	5	E	c	4	-	64	50	bc m c	c b	bc	9.1	
Dungeness ...	1009.4	57	E	4	c	1007.4	-1	58	+2	E	5	E	c	4	-	59	53	c	c o	c o	*	
Dover ...	1010.6	56	NE	3	o	1010.4	0	52	-3	E	3	-	og	3	-	59	52	o c	c o	o b c o	*	
Wick ...	1011.5	51	N	1	o	1011.5	+1	50	-2	E	3	E	og	3	1	58	50	o c bc	bc c op	od r o	2.8	
NORTH EUROPE.																						
Nairn ...	1013.8	53	SSE	4	m	1016.9	+1	52	0	SE	4	SE	o	4	-	64	51	o cm	cm	bc om	*	
Aberdeen ...	1013.4	52	-	0	om	1015.8	*	48	-1	S	1	-	c	1	-	59	47	og	og	og	1.9	
Leith ...	1015.6	53	SE	4	o	1016.9	+1	53	+1	SE	3	-	o	3	0.4	57	50	o c o	o	op	2.4	
Tynemouth ...	1013.4	54	SE	2	o	1015.2	+1	52	+3	ESE	1	-	od	*	Trace	56	49	og	og	o	*	
Spurn Head ...	1014.2	52	ESE	3	og m	1014.4	0	53	+5	E	2	-	c	2	1	53	48	om	og m	cm p	*	
Yarmouth ...	1013.5	54	ESE	4	o	1013.2	-1	54	0	ESE	4	-	op	4	0.4	55	50	o	od	ap c	0.0	
Clacton-on-Sea ...	1011.0	54	ESE	3	c	1011.9	+1	55	+1	ESE	5	SE	c	5	Trace	55	52	c	c	c	0.0	
Nottingham ...	1011.8	53	NE	1	o	1010.8	0	55	+3	ESE	3	SE	bc	2	2	56	51	og d p	og d p	og c bc	0.0	
Bath ...	1012.6	53	E	2	o	1012.3	0	51	+3	E	2	E	r	*	Trace	56	48	c o m	o	o	0.0	
Sth Farnborough ...	1010.8	54	E	1	o	1011.2	*	51	+9	E	1	E	o	*	-	60	41	m o c	c o g m	g m o	1.4	
London (Kew Obsy.)	1010.3	53	ENE	1	m	1010.4	0	50	+1	E	1	-	om m	*	-	59	49	m o c o	om	om	0.2	
Spitsbergen ...	1011.5	54	NE	1	om	1011.2	0	51	0	ENE	1	-	om	*	1	57	50	om m	om	om and m	0.0	
FRANCE, &c.																						
The Helder ...	1025.6	7	SE	2	b	1027.0	0	7	-5	-	0	*	b	*	*	12	0					
Vardö ...	1020.8	32	NW	6	o	1021.0	+2	32	-2	NW	7	-	o	6	*	34	32					
Bodö ...	1021.7	45	E	1	b	1023.4	+2	45	+4	SW	4	-	c	2	-	48	39					
Christiansund ...	1023.3	50	-	0	c	1024.4	+1	46	0	-	0	-	c	2	1	50	46					
Skudesnaes ...	1021.5	48	ESE	3	o	1023.0	0	46	0	-	0	-	o	2	-	48	45					
Færder (X'ania Fjord)	1024.3	45	NNE	3	o	1025.3	+1	43	0	NE	2	-	o	1	-	45	43					
The Scaw (Skagen)	1022.0	48	ESE	2	o	1023.3	+2	48	+3	ESE	2	-	o	2	-	50	43					
Blaavands Huk ...	1018.1	50	E	3	o	1019.9	+1	48	+2	E	3	-	o	3	-	52	45					
Haparanda ...	1025.2	36	N	2	b	1025.0	-1	37	+1	SW	2	-	o	*	-	48	27					
Hernösand ...	1025.0	39	-	0	f	1027.5	+1	37	+3	-	0	-	o	*	-	41	32					
Stockholm ...	1024.7	43	ESE	2	o	1025.5	+2	41	0	E	2	-	o	*	-	45	39					
Wisby ...	1023.5	43	NNE	2	o	1024.2	+2	45	+2	ENE	4	-	c	3	-	46	41					
Karlstad ...	1024.8	41	-	0	o	1026.7	+1	39	0	-	0	-	o	*	-	43	37					
Petrograd (5 a.m. G.M.T.)	1024.6	39	NW	2	o	1025.9	+1	37	+1	N	2	-	o	*	-	46	36					
SOUTHERN EUROPE.																						
Corunna (7 a.m.)	1013.7	52	ENE	4	c	1015.3	+3	48	-2	E	2	-	o	2	-	52	48					
C. Gris Nez ...	1010.9	54	ENE	3	o	1011.0	+1	50	-2	E	4	*	o	2	-	57	48					
La Hève ...	1008.7	57	NE	3	m	1008.3	*	48	-1	ESE	2	*	m	3	-	61	45					
Ushant ...	1009.6	55	S	3	o	1003.0	*	54	-1	ENE	3	*	o	3	-	59	50					
Brest (St. Mathieu)	1008.2	56	E	2	o	1004.0	0	54	+1	ESE	4	*	o	3	-	61	50					
Roche fort (Ile d'Aix)	1007.0	68	-	0	o	1003.8	-1	53	-4	ESE	4	*	o	*	-	63	52					
Biarritz ...	1006.4	60	ENE	2	b	1001.9	0	60	-1	SE	2	*	bc	3	-	68	54					
Paris ...	1009.5	54	NE	1	o	1009.5	+3	43	+4	NE	1	-	f	*	-	61	39					
Belfort ...	1010.4	49	E	4	c	1013.7	*	44	+7	ENE	4	*	f	*	-	61	37					
Lyons ...	1009.2	51	S	1	o	1010.6	*	50		SW	1	*	o	*	2	53	49					
Nice ...	1010.4	52	-	0	o	1012.4	+2	53	0	-	0	*	c	3	1	59	48					
Perpignan ...	1008.7	59	-	0	o	1006.4	0	55	+5	-	0	w	o	*	-	72	50					
Sanguinaire ...																						
RAINFALL.																						
Equivalents of Millimetres in Inches.																						
mm.	Inches.	mm.	Inches.																			
1	0.04	26	1.02																			
2	0.08	27	1.06																			
3	0.12	28	1.10																			
4	0.16	29	1.14																			
5	0.20	30	1.18																			
6	0.24	31	1.22																			
7	0.28	32	1.26																			
8	0.32	33	1.30																			
9	0.35	34	1.34																			
10	0.39	35	1.38																			
11	0.43	36	1.42																			
12	0.47	37	1.46																			
13	0.51	38	1.50																			
14	0.55	39	1.54																			
15	0.59	40	1.58																			
16	0.63	41	1.61																			
17	0.67	42	1.65																			
18	0.71	43	1.69																			
19	0.75	44	1.73																			
20	0.79	45	1.77																			
21	0.83	46	1.81																			
22	0.87	47	1.85																			
23	0.91	48	1.89																			
24	0.95	49	1.93																			
25	0.98	50	1.97																			



# FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

## FORECAST DISTRICTS.



## STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

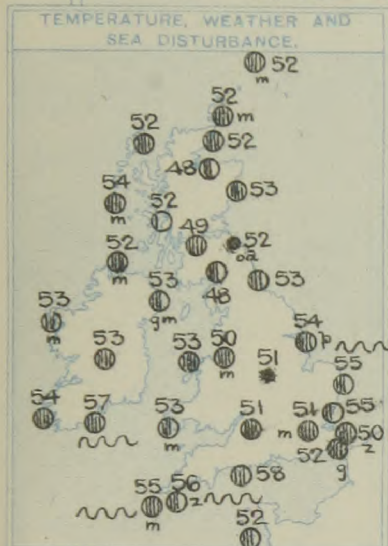
Western Channel and Bay 1)

- |    |   |   |   |
|----|---|---|---|
| 0  | a | } | Light Southerly breezes; fair generally, somewhat misty; moderate temperature.                      |
|    | b |   |   |
| 1  | a | } | Light South-Easterly or Easterly breezes; fair generally; moderate temperature.                     |
| 2  | b |   |   |
| 3  | a | } | Moderate or light Easterly breezes; fair generally, occasional local showers; moderate temperature. |
| 4  | b |   |   |
| 5  | a | } | Same as Nos. 1 and 2.   |
| 6  | b |   |   |
| 7  | a | } | Moderate or fresh Easterly breezes; some showers; moderate temperature.                             |
| 8  | b |   |   |
| 9  | a | } | Moderate South-Easterly breezes; mostly fair; moderate temperature.                                 |
| 10 | b |   |   |
| 11 | a | } | Same as No. 8.<br>Moderate or fresh Southerly or South-Easterly breezes; moderate sea; unsettled.   |
|    | b |   |   |

## FURTHER OUTLOOK.

GENERAL INFERENCE.

The anticyclone over Scandinavia will continue to influence conditions over the greater part of the British Isles, but a shallow depression apparently moving south-eastward across the Bay of Biscay will cause some freshening of the wind, with showers in the south-western districts.



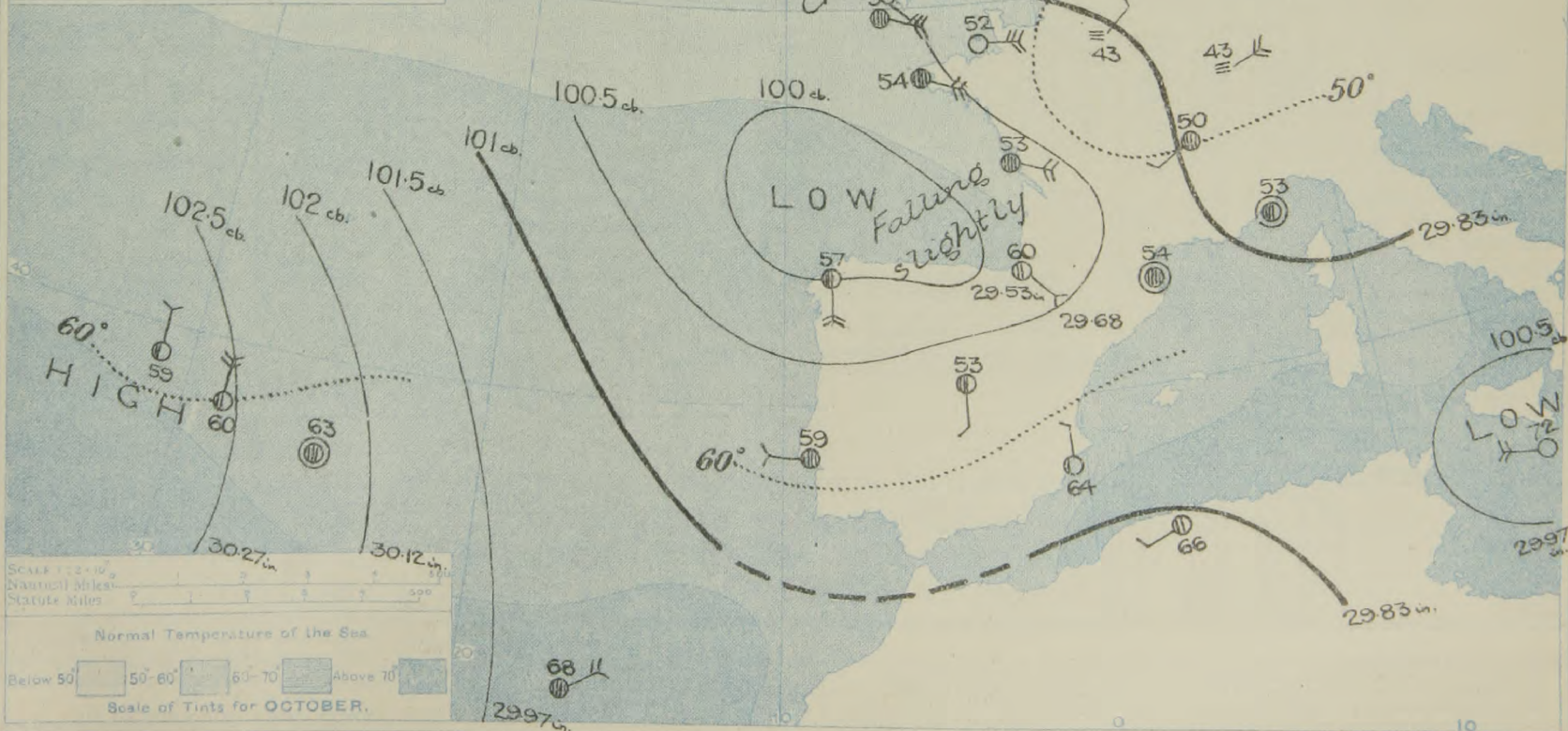
EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm   
**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded. ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 T, thunderstorm.  
**SEA DISTURBANCE.**—Rough ~~~. High ~~~~.

Inches  
31

30

29



## DAILY WEATHER REPORT.

Sunday, 10<sup>th</sup> October 1915.REPORTS  
FOR  
YESTERDAY.9<sup>th</sup> October

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli- metres.		TEMP. Max. Min.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.					
			Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.								
		° F.						° F.	° F.										
Petrograd	10260	41	SSW	2	z	10242	-1	36	+4	NNW	1	-	z	*	-	46	32		
Lisbon	10133	64	SW	4	7	10109	0	63	0	NNW	3	-	0	5	3	72	61		
Rome.	10106	59	NW	1	z	10084	+1	50	-2	N	1	-	c	*	-	66	46		

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
		°F.	°F.						°F.	°F.			
Scotland.													
Oban ...	5	57	48	z	bc.0	0.9	Tunbridge Wells ...	...	56	46	om.0	om.0	0.0
Banff ...	-	58	51	bc.3	bc.0	6.3	Margate ...	...	57	53	c	c.2	1.2
Carnoustie ...	-	-	-	*	*	-	Ramsgate ...	...	57	51	bc.0	od	1.4
St. Andrews ...	-	-	-	*	*	-	Hastings ...	...	59	50	0	o.23	3.0
Eng. N.E.							Bexhill-on-Sea ...	...	60	50	0	o.7m	2.5
Harrogate ...	1	52	43	od	0	0.0	Eastbourne ...	...	60	46	0	c	1.5
Skegness ...	0.4	57	52	0	og.4	0.0	Seaford ...	...	63	48	o.c	c.6c.0	2.8
Eng. N.W.							Brighton ...	...	62	48	o.6c	bc.0	2.2
Morecambe ...	-	59	?	o.c.3c	0	3.2	Worthing ...	...	58	53	0	o.3c	1.5
Blackpool ...	-	-	-	-	-	-	Littlehampton ...	...	58	48	0	0	0.3
Southport ...	-	-	-	-	-	-	Bognor ...	...	60	44	o.0	o.0	2.6
Midlands.							Southsea ...	...	-	-	-	-	-
Buxton ...	-	53	42	bc	bc	1.0	Bournemouth ...	...	-	-	-	-	-
Leamington Spa ...	-	57	48	c	c	0.1							
Malvern ...	-	56	35	bc	bc.0	0.1							
Ross-on-Wye ...	-	-	-	-	-	-							
Wales.													
Rhyl ...	-	58	49	o.c.3	bc.0	5.7	Weymouth ...	...	60	50	3.3c.0	c.3	0.4
Colwyn Bay ...	-	58	53	0	0	0.0	Torquay ...	...	60	52	0	o.c.0	1.0
Llandudno ...	-	-	-	-	-	-	Paignton ...	...	61	52	bc	bc	1.4
Aberystwyth ...	-	-	-	-	-	-	Falmouth ...	...	60	52	o.c	bc.3	3.5
Tenby ...	-	-	-	-	-	-	Penzance ...	...	57	54	0	c.0	0.8
England.							Newquay ...	...	59	51	om	3.3c.3m	3.4
Cromer ...	1	55	51	0	0	0.0	Ilfracombe ...	...	59	50	0	0	0.0
Lowestoft ...	-	-	-	-	-	-	Weston-super-Mare ...	...	-	-	-	-	-
Felixstowe ...	1	56	41	cp	or	0.0							
Walton-on-Naze ...	1	56	50	ogmd	ogd	0.0							
Southend-on-Sea ...	-	55	47	0	od	0.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day. Hr.	TEMPERATURE.			Rain- fall. mm.†	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.			Fore- noon.	After- noon.	Night.
	%	%		Max.	Min.	24 HOURS ENDED 9 A.M. TO-DAY.				
Greenwich (Royal Obs.) ...	78	87	0.0	57	49	47	1	0	0	od.0
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	81	80	0.0	58	51	49	0.4	om.	0.0	cr.0
Camden Sq. (Brit. Rainfall)	74	86	0.0	59	49	48	1	om.0	0	*
Hampstead (Reservoir) ...	*	87	0.0	54	47	41	-	oe	c.0d	c
Richmond Park ...	*	*	0.0							
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.	Average Rate.	Max. Rate.				
S. Kensington (Roof of M.O.)	71	81	0.0	285 Joules	7.2 Milliwatts.	19 Milliwatts.				

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL. mm.†	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day. Hr.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
		Max.	Min.			
Dublin to 4 p.m.	1	56	49	44	c.3p	od.3
Darwen to 9 p.m.						o.c
Manchester "						*
Birmingham "						*
Oxford to 8 p.m.	*	57	44	36	om.0	0
Teignmouth to 9 "	5	60	53	52	ot.0	c
Plymouth "	-	60	52	-	0	c
S. Kensington (Museum Grounds to 8 p.m.)	-	58	51	43	bc.0	om.0

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

10 <sup>th</sup> Oct. 1915.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	
Yarmouth ...	6.13	11.40	5.9
Greenwich ...	6.17	11.47	5.7
Wick ...	6.19	11.47	5.15
Valencia ...	6.39	11.59	5.19
	6.41	11.59	5.17
	6.38	12.28	5.55

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 60° and upwards at several of the western and southern stations but remained below 55° on some parts of our north and north-east coasts. The amount of bright sunshine was as a whole very small. Slight rain fell in many isolated localities.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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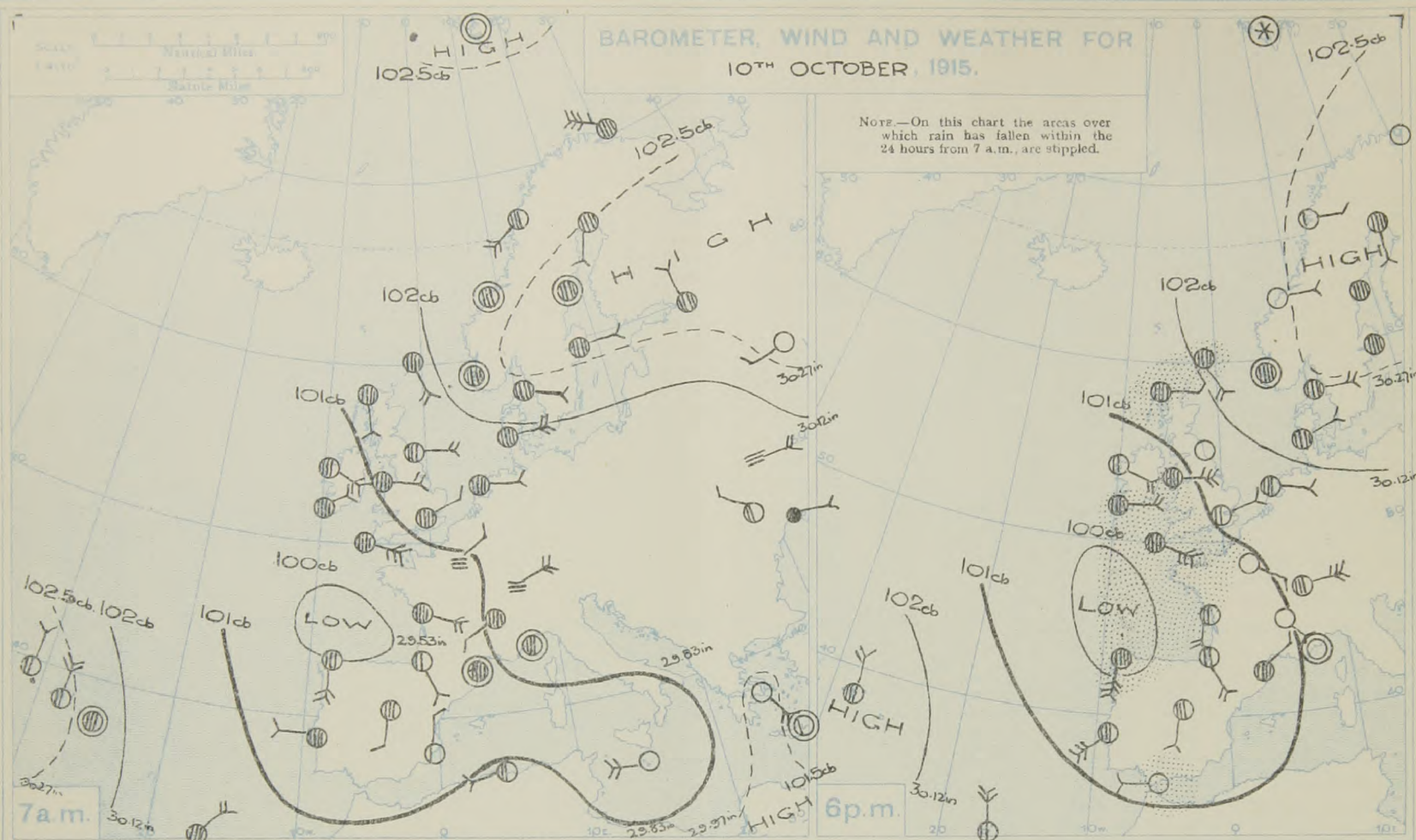
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 284-Monday 11<sup>th</sup> October 1915.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M. G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 24 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick ...	1020.2	52	SSE	3	071	-1	51	-1	SE	5	-	071	4	1	53	49	071	071	071	071	071
	Deerness ...	1017.3	52	SE	5	0	-	51	-1	SE	5	-	071	4	5	54	51	0	0	071	071	071
	Stornoway ...	1013.4	54	E	1	0	-	52	0	SSE	3	-	071	3	0.2	58	52	071	071	071	071	071
	Castlebay (Barra Isd.)	1012.0	54	E	3	0	-	53	-1	SE	5	-	071	5	Trace	55	52	071	071	071	071	071
	Glasgow ...	1013.1	52	ENE	3	0	-	51	-1	ENE	2	SE	071	4	-	57	46	071	071	071	071	071
	Eskdalemuir ...	1013.6	52	E	3	0	-	51	-1	ESE	3	W	071	4	-	55	47	071	071	071	071	071
	Malin Head ...	1010.0	53	ESE	3	071	-3	51	-1	SE	4	-	071	4	-	55	50	071	071	071	071	071
	Blacksod Point ...	1007.0	53	ESE	3	071	-2	52	-1	SSE	3	S	071	2	-	57	50	071	071	071	071	071
	Valencia ...	1004.2	56	E	3	071	0	54	0	ENE	2	E	071	3	1	59	53	071	071	071	071	071
	Roche's Point ...	1005.8	56	E	4	0	-	55	-2	E	3	-	071	4	3	58	54	071	071	071	071	071
	Birr Castle ...	1007.5	53	SE	1	071	-	52	-1	NE	1	-	071	4	-	57	48	071	071	071	071	071
	Donaghadee ...	1009.7	55	ESE	4	071	-1	54	-1	SE	4	-	071	4	Trace	57	53	071	071	071	071	071
	Liverpool (Bldston)	1009.8	56	E	3	071	-1	52	-2	E	4	-	071	3	-	59	50	071	071	071	071	071
	Holyhead ...	1008.6	56	E	5	071	0	53	0	E	4	-	071	3	2	58	52	071	071	071	071	071
	Pembroke (St. Ann's)	1005.9	55	E	4	071	+2	57	+4	SE	3	SE	071	4	3	57	53	071	071	071	071	071
	Scilly (St. Mary's)	1001.4	55	ESE	5	071	+1	55	0	SSE	4	S	071	5	3	57	53	071	071	071	071	071
	Falmouth ...	1003.4	56	E	5	071	+2	55	-1	S	1	-	071	4	11	59	54	071	071	071	071	071
	Jersey (St. Aubin)	1004.2	59	E	4	071	-	55	+3	E	3	-	071	2	0.3	62	51	071	071	071	071	071
	Portland Bill ...	1006.1	58	E	1	071	+3	59	+1	SE	1	S	071	3	0.3	59	55	071	071	071	071	071
	Dungeness ...	1009.3	57	ENE	4	071	0	55	+3	E	3	E	071	3	-	59	52	071	071	071	071	071
	Dover ...	1010.8	55	E	3	071	+1	52	+2	ESE	4	SE	071	4	-	56	50	071	071	071	071	071
	Wick ...	1016.4	53	SE	4	071	-1	52	0	SSE	4	-	071	4	0.2	54	51	071	071	071	071	071
	Nairn ...	1015.1	53	SE	1	071	-	49	+1	-	0	-	071	1	-	59	45	071	071	071	071	071
	Aberdeen ...	1016.7	53	SE	4	071	-1	53	0	SE	4	-	071	3	0.3	55	52	071	071	071	071	071
	Leith ...	1013.7	55	ESE	2	071	-2	51	-1	ESE	2	SE	071	4	0.2	57	46	071	071	071	071	071
Tynemouth ...	1014.0	54	ESE	3	071	-2	53	0	SE	3	SE	071	4	-	55	52	071	071	071	071	071	
Spurn Head ...	1013.2	56	ESE	-3	071	-1	55	+1	ESE	5	-	071	5	-	57	53	071	071	071	071	071	
Yarmouth ...	1012.8	55	SE	5	071	0	55	0	SSE	5	SE	071	5	-	56	54	071	071	071	071	071	
Clacton-on-Sea ...	1011.1	55	ESE	4	071	0	55	0	ESE	4	SE	071	3	-	56	54	071	071	071	071	071	
Nottingham ...	1011.6	54	E	3	071	-	52	+1	E	2	E	071	4	0.1	61	51	071	071	071	071	071	
Bath ...	1009.1	55	E	2	071	-	54	+3	E	1	SE	071	4	-	59	51	071	071	071	071	071	
St. Farnborough ...	1009.2	52	ENE	2	071	+1	48	-	E	1	S	071	4	-	59	47	071	071	071	071	071	
London (Kew Obsy.)	1010.1	54	E	4	071	+1	51	0	E	3	-	071	4	-	57	50	071	071	071	071	071	
NORTHERN EUROPE.	Spitsbergen ...	1023.0	18	-	0	5	-2	32	+25	S	7	-	5	-	-	32	5	-	-	-	-	-
	Vardö ...	1023.0	18	-	0	5	-2	32	+25	S	7	-	5	-	-	32	5	-	-	-	-	-
	Bodö ...	1026.4	43	E	1	071	0	43	-2	E	2	-	071	2	-	45	41	-	-	-	-	-
	Christiansund ...	1024.6	43	E	2	071	0	39	-7	-	0	-	071	1	-	52	39	-	-	-	-	-
	Skudesnaes ...	1023.1	50	-	0	071	0	48	+2	SE	7	-	071	5	-	54	46	-	-	-	-	-
	Færder (X'ania Fjord)	1025.7	43	N	2	071	+2	45	+2	ENE	2	-	071	1	-	45	43	-	-	-	-	-
	The Scaw (Skagen)	1023.8	46	E	3	071	+1	46	-2	ESE	3	-	071	3	-	52	46	-	-	-	-	-
	Blaavands Huk ...	1022.7	48	ENE	2	071	0	46	-2	SE	3	-	071	3	-	52	45	-	-	-	-	-
	Haparanda ...	1026.0	36	S	2	071	+3	38	-9	NE	2	-	071	1	-	39	27	-	-	-	-	-
	Hernösand ...	1026.9	36	-	0	071	+2	36	-1	-	0	-	071	1	-	39	36	-	-	-	-	-
FRANCE, &c.	Stockholm ...	1025.9	43	-	0	071	+3	41	0	E	2	-	071	1	-	45	39	-	-	-	-	-
	Wisby ...	1024.8	43	NNE	2	071	+4	41	-4	NE	2	-	071	1	-	48	39	-	-	-	-	-
	Karlstad ...	1026.1	43	-	0	071	+3	41	+2	-	0	-	071	1	-	46	39	-	-	-	-	-
	Petrograd (3 a.m. G.M.T.)	1026.1	43	-	0	071	+3	41	+2	-	0	-	071	1	-	46	39	-	-	-	-	-
	The Helder ...	1014.6	54	E	2	071	0	50	+2	E	3	-	071	1	-	55	48	-	-	-	-	-
	C. Gris Nez ...	1010.1	54	E	4	071	0	49	-1	ESE	5	-	071	2	-	59	46	-	-	-	-	-
	La Hève ...	1007.3	57	SE	4	071	-	52	+4	E	3	-	071	3	1	59	43	-	-	-	-	-
	Ushant ...	1002.4	56	SE	4	071	-	55	+1	SE	4	-	071	3	2	57	52	-	-	-	-	-
	Brest (St. Mathieu)	1002.3	57	ESE	4	071	+3	56	+2	SE	4	-	071	3	8	61	54	-	-	-	-	-
	Roche fort (Ile d'Aix)	1004.3	61	SSW	3	071	+3	58	+5	SSE	4	-	071	3	2	66	52	-	-	-	-	-
SOUTHERN EUROPE.	Biarritz ...	1003.0	67	SE	3	071	+1	63	+3	S	3	-	071	2	-	72	60	-	-	-	-	-
	Paris ...	1008.7	52	E	2	071	+1	50	+7	ESE	2	N	071	1	-	64	43	-	-	-	-	-
	Belfort ...	1013.6	45	ENE	6	071	-	46	+2	E	5	-	071	1	-	54	41	-	-	-	-	-
	Lyons ...	1009.7	59	SSE	2	071	-	56	+6	E	2	-	071	1	-	64	50	-	-	-	-	-
	Nice ...	1013.2	57	-	0	071	+3	57	+4	-	0	-	071	2	-	66	53	-	-	-	-	-
	Perpignan ...	1005.3	63	NE	1	071	+5	63	+9	SW	1	S	071	1	-	75	54	-	-	-	-	-
	Sanguinaire ...	1005.3	63	NE	1	071	+5	63	+9	SW	1	S	071	1	-	75	54	-	-	-	-	-
	Corunna (7 a.m.)	999.4	61	SSW	6	071	+3	55	-2	SSW	7	-	071	5	24	63	55	-	-	-	-	-
	Madrid (8 a.m.)	1006.3	61	SSW	2	071	+3	54	+1	-	0	-	071	1	-	63	48	-	-	-	-	-
	Lisbon (9 a.m.)	1007.5	63	SW	4	071	+1	57	-2	SW	1	SW	071	6	-	66	55	-	-	-	-	-
AZORES & MADEIRA.	Gibraltar ...	1009.8	64	W	2	071	-	62	-	SW	2	-	071	1	1	68	61	-	-	-	-	-
	Rome ...	1009.8	6																			

## RAINFALL.

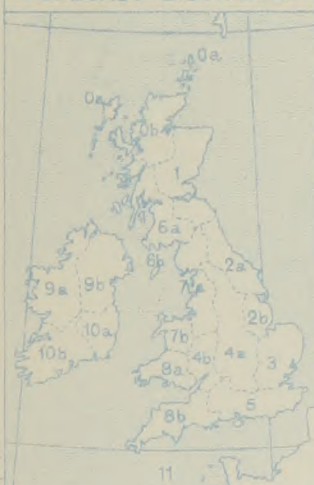
Equivalents of Millimetres, in inches.

mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97



**FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

Western Channel and Bay 11

- |                    |   |
|--------------------|---|
| 0 {<br>a }<br>b }  | Fresh or strong winds from South-East, shifting Southerly; becoming unsettled, some rain; moderate temperature.     |
| 1 {<br>a }<br>b }  | Moderate or fresh South-Easterly to Southerly winds, fair first, some showers probable later; moderate temperature. |
| 2 {<br>a }<br>b }  | Fresh South-Easterly winds; fair generally; moderate temperature.   |
| 3 {<br>a }<br>b }  | Moderate Easterly to South-Easterly winds; fair generally; moderate temperature.                                    |
| 4 {<br>a }<br>b }  | South-Easterly winds, veering and freshening; cloudy, some rain later; moderate temperature.                        |
| 5 {<br>a }<br>b }  | Easterly to South-Easterly winds, moderate to fresh in force; mostly fair; moderate temperature.                    |
| 6 {<br>a }<br>b }  | Moderate or light Southerly or South-Easterly winds; fair generally; moderate temperature.                          |
| 7 {<br>a }<br>b }  | Same as No. 6.  |
| 8 {<br>a }<br>b }  | Wind shifting towards South, freshening; unsettled, some rain; moderate temperature.                                |
| 9 {<br>a }<br>b }  | Fresh or strong Southerly winds, with some rain; sea rather rough.  |
| 10 {<br>a }<br>b } |   |

Millibars Inches  
1050 — 31

1040

1030

1020

1010

1000

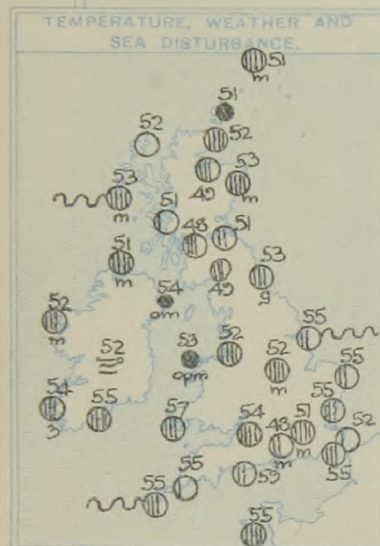
990

980

970

GENERAL INFERENCE.

The influence of the Scandinavian anticyclone will decrease, and a depression skirting our north-western coasts will affect conditions in the north. No important change is anticipated in the south during the ensuing 24 hours.



EXPLANATION.

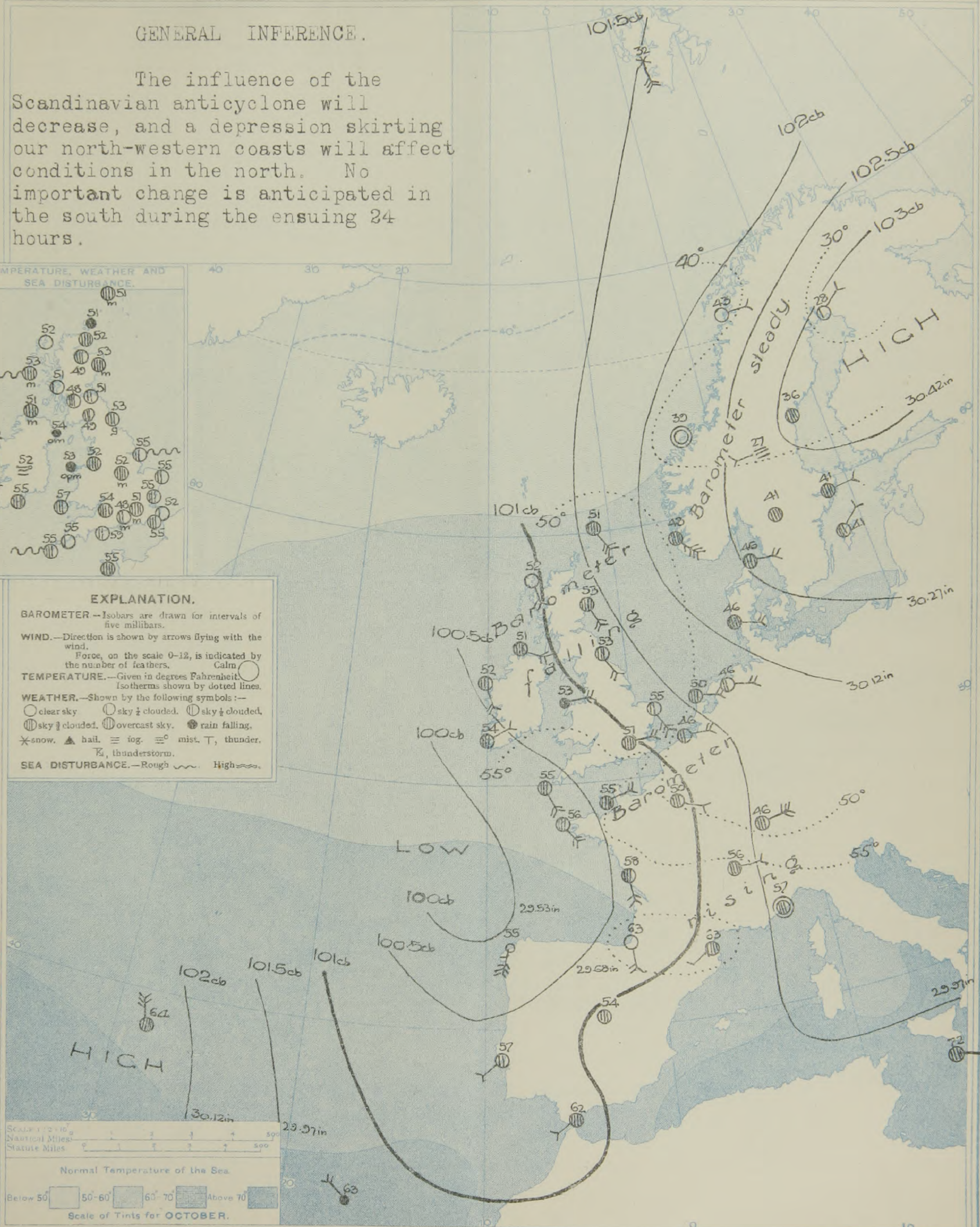
**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**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 ½ clouded. ○ sky ¾ clouded.  
⊙ sky ¾ clouded. ⊙ overcast sky. ⊙ rain falling.  
✱ snow. ▲ hail. ≡ fog. ☼ mist. T, thunder.  
⚡, thunderstorm.

**SEA DISTURBANCE.**—Rough. High.



## DAILY WEATHER REPORT.

Monday, 11th October, 1915.

# PILOT BALLOON ASCENTS for the PAST WEEK. Component Velocities to East and to North in Metres per Second.

Station Date & Hour.	Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.	
	Falmouth. 4h.	13h.	Falmouth. 5h.	13h.	Falmouth. 5h.	13h.	St. Kensington 6h.	14.40h.	Falmouth. 6h.	13h.	St. Kensington 7h.	15.30h.	St. Farnborough 9h.	11.20h.										
Heights in Kilometres.	4			-5	0																			
	3			-5	+2																			
	2			-4	+1			-4	-5	-2	+5													
	1.5	-5	-3	-4	+1			-4	-5	-2	+5													
	1	-2	-3	-2	-1	-2	0	-3	-3	-1	+1	-4	+3	-6	+2									
	0.5	-1	+3	-1	0	-4	+2	-1	-3	-2	0	-7	+4	-9	+2									
	0	-1	+2	0	+1	-4	+2	0	-2	0	+1	-4	+2	-3	+1									

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		°F.	°F.			Hr.	Tunbridge Wells ...		°F.	°F.			Hr.
Oban ...	0.3	63	51	c	o	4.2	Margate ...	2	58	49	o.c	bc.c	28
Banff ...	0.5	56	49	o	op	0.0	Ramsgate ...	1	56	51	c	c.b	18
Carnoustie ...							Hastings ...		53	50	o	o.b.c	14
St. Andrews ...							Bexhill-on-Sea ...		58	50	o.b.c	b	4.2
England, N.E.							Eastbourne ...		58	51	o	bc.bm	3.0
Harrogate ...	5	65	48	o.c	o.c	0.2	Seaford ...						
Skegness ...	3	58	52	o.b.c	bc.c	8.6	Brighton ...		61	52	o.c.b.c	bc.b	4.4
England, N.W.							Worthing ...		59	52	o.c	bc.b	4.2
Morecambe ...							Littlehampton ...		58	?	o.b.c	o	2.2
Blackpool ...		59	50	o	o.c	0.2	Bognor ...		57	51	o	o	0.7
Southport ...		60	43	op	bc.o.c	1.5	Southsea ...		59	52	bc	bc	2.0
Midlands.							Bournemouth ...		58	51	o.c	o	1.7
Buxton ...							England, S.E.						
Leamington Spa ...		59	49	o.b.c	bc.c	3.1	Weymouth ...		60	53	o	o	1.9
Malvern ...		57	43	c	c	0.9	Torquay ...		60	56	o.c	o.c	1.0
Ross-on-Wye ...		58	49	om	bc.o	1.3	Paignton ...						
Wales.							Falmouth ...						
Rhyl ...		58	50	o.c	o	0.1	Penzance ...						
Colwyn Bay ...		59	50	bc	c.b.c	2.7	Newquay ...		59	51	bc.o	c.om	1.5
Llandudno ...				o.c	c.o	0.5	Ilfracombe ...		58	50	o	c.b.c	1.1
Aberystwyth ...		59	52	o.c	c.o	0.5	Weston-super-Mare ...		59	49	o.b.c	bc.c	1.0
Tenby ...													
England, E.													
Cromer ...	0.1	57	52	o.c	o	1.0							
Lowestoft ...													
Felixstowe ...	0.8	56	52	c	c	0.4							
Walton-on-Naze ...		55	52	bc.c	c.b.c	1.0							
Southend-on-Sea ...	3	56	48	c.o	o.c	1.3							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.	Max.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	79	52	2.4	5.8	4.8	4.2		c. o	a.	c.b.c
City (Banhill Row) ...	*	*	1.3	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	85	85	2.2	5.7	5.1	4.6		bc	bc.	bc.om
Camden Sq. (Brit. Rainfall)		85	0.9	5.9	4.9	4.4				
Hampstead (Reservoir) ...	*	91	2.1	5.4	4.8	3.8		bc.o	om	om
Richmond Park ...	*	*	3.0							
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
				Total.	Average Rate.			Max. Rate.		
S. Kensington (Roof of M.O.)	76	81	2.4	558 Joules	14.1 Milliwatts.			4.1 Milliwatts.		

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

11th & 12th October 1915.		Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	6.13	11.40	5.6	5.4
Greenwich ...	6.19	11.47	5.13	5.13
Wick ...	6.41	11.59	5.17	5.14
Valencia ...	6.44	11.59	5.55	5.53

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

## NOTES ON YESTERDAY'S WEATHER.

The weather was for the most part cloudy, the amount of bright sunshine only reached 4 hours at a few south coast stations. Slight rain fell in the west of England; heavy rain at Falmouth late last evening.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies id. at M.O. and at the bookstalls at certain Railway Termini in London.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 285. Tuesday, 12<sup>th</sup> October 1913.

STATIONS.	YESTERDAY EVENING					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	Barom. Milli- bars at M.S.L.	TEMP. °F.	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.			
			Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1010.4	51	SE	6	1008.5	-2	52	+1	SSE	8	sm	7	2	52	50	smg.	smg.	smg.	Hours.	
	Deerness	1005.4	52	SE	7	996.9	-	53	+2	SE	7	sm	6	1	53	51	smg.	smg.	smg.	0.4	
	Stornoway	999.1	55	SE	6	993.4	-3	52	0	S	6	sm	5	16	57	51	smg.	smg.	smg.	2.5	
	Castletown (Barra Isd.)	998.2	55	SE	5	995.9	+3	54	+1	SW	4	sm	4	6	56	51	smg.	smg.	smg.	0.0	
	Glasgow	1005.5	55	S	2	1000.3	0	53	+5	S	4	sm	4	4	57	46	smg.	smg.	smg.	1.1	
	Eskdalemuir	1007.1	52	SSE	2	1002.8	+1	52	+3	SSE	5	sm	4	2	56	48	smg.	smg.	smg.	0.7	
	Malin Head	999.1	54	SW	4	998.7	+5	53	+2	SW	4	sm	5	3	57	49	sm	sm	smg.	0.3	
	Blacksod Point	996.9	56	S	6	1001.0	+5	52	0	W	3	sm	5	13	58	48	sm	smg.	smg.	0.0	
	Valencia	1000.3	57	SSE	3	1004.8	+5	56	+2	W	3	sm	5	2	64	51	sm	sm	smg.	5.8	
	Roche's Point	1003.3	58	SSE	4	1004.7	+	52	-3	W	2	o	4	4	60	51	smg.	smg.	smg.	2.5	
	Birr Castle	1001.3	56	S	2	1003.7	+	47	-5	W	0	o	4	14	62	47	smg.	smg.	smg.	2.5	
	Donaghadee	1003.3	56	S	4	1000.4	+3	53	-1	W	3	sm	3	3	58	53	smg.	smg.	smg.	2.1	
	Liverpool (Bidston)	1007.1	56	SE	2	1003.8	0	52	0	SE	3	SE	2	1	59	51	smg.	smg.	smg.	2.1	
	Holyhead	1004.9	59	SSE	3	1003.3	+1	57	+4	SW	5	sm	4	1	64	53	smg.	smg.	smg.	6.4	
	Pembroke (St. Ann's)	1005.5	57	SW	4	1004.3	-1	57	0	SW	5	sm	4	1	61	51	smg.	smg.	smg.	7.2	
	Scilly (St. Mary's)	1005.3	57	SSE	3	1004.9	+1	57	+2	SW	3	sm	4	1	61	55	smg.	smg.	smg.	6.3	
	Falmouth	1007.7	55	SW	1	1006.4	-1	57	+2	SW	4	sm	4	1	62	52	smg.	smg.	smg.	7.3	
	Jersey (St. Aubin)	1008.1	61	SE	2	1011.1	+	57	+2	SSE	2	o	2	1	64	47	smg.	smg.	smg.	2.5	
	Portland Bill	1007.7	58	SE	3	1008.7	0	59	0	S	4	sm	3	1	61	54	smg.	smg.	smg.	2.1	
	Dungeness	1018.0	58	SSE	2	1010.4	+1	59	+4	SW	2	sm	3	3	60	54	smg.	smg.	smg.	0.9	
Dover	1010.3	57	SE	2	1011.1	0	58	+6	SW	4	sm	2	0.2	58	52	smg.	smg.	smg.	0.9		
NORTHERN EUROPE.	Wick	1006.1	53	SSE	5	997.5	-3	54	+2	SSE	5	o	4	1	54	51	smg.	smg.	smg.	2.5	
	Nairn	1004.3	55	W	0	997.7	+	54	+5	W	0	o	1	0.4	53	48	smg.	smg.	smg.	0.0	
	Aberdeen	1008.3	53	SSE	5	1001.6	-1	54	+1	SSE	5	o	5	0.4	54	53	smg.	smg.	smg.	0.0	
	Leith	1005.5	57	SSE	2	1001.0	-1	56	+5	SSE	3	o	4	1	61	51	smg.	smg.	smg.	2.1	
	Tynemouth	1009.0	54	SE	4	1005.3	-3	52	-1	S	2	sm	4	1	55	50	smg.	smg.	smg.	2.4	
	Spurn Head	1010.2	55	SE	6	1008.4	-2	54	-1	SW	5	fe	5	0.1	58	50	smg.	smg.	smg.	2.4	
	Yarmouth	1010.3	56	SSE	5	1009.6	0	56	+1	SW	1	sm	3	1	57	55	smg.	smg.	smg.	3.5	
	Clacton-on-Sea	1010.4	57	ESE	3	1010.6	+1	57	+2	SW	2	sm	1	0.2	57	54	smg.	smg.	smg.	1.2	
	Nottingham	1009.0	56	E	1	1008.5	+	50	-2	S	1	sm	1	0.2	63	49	smg.	smg.	smg.	3.0	
	Bath	1007.9	57	E	1	1009.1	+	50	-4	S	1	sm	1	0.2	62	46	smg.	smg.	smg.	1.6	
	Sth Farnborough	1009.1	56	ESE	2	1010.1	+2	51	+8	W	0	fe	2	0.2	65	47	smg.	smg.	smg.	3.6	
	London (Kew Obsy.)	1009.6	56	SE	2	1010.7	+3	52	+1	W	0	fe	2	0.2	61	49	smg.	smg.	smg.	1.7	
	Spitsbergen	1013.2	34	NW	3	1016.9	+2	28	-4	SSE	2	o	1	1	34	27	smg.	smg.	smg.	0.0	
	Vardø	1026.9	36	SW	2	1027.0	+	39	-	SW	1	o	3	1	36	28	smg.	smg.	smg.	0.0	
	Bodø	1024.2	41	E	1	1022.7	-1	39	-4	E	1	o	1	1	46	34	smg.	smg.	smg.	0.0	
	Christiansund	1021.2	43	W	0	1020.7	-2	41	+2	E	3	o	1	1	50	34	smg.	smg.	smg.	0.0	
	Skudesnaes	1020.8	48	SSE	6	1016.3	0	52	+4	ESE	8	o	5	1	52	48	smg.	smg.	smg.	0.0	
	Færder (Xiania Fjord)	1028.7	45	SE	3	1026.0	-2	43	-2	E	4	o	2	1	45	43	smg.	smg.	smg.	0.0	
	The Scaw (Skagen)	1026.0	48	SE	3	1023.1	-2	48	+2	ESE	3	o	3	1	50	45	smg.	smg.	smg.	0.0	
Blaavands Huk	1021.1	50	ESE	4	1018.6	-1	50	+4	SE	4	o	5	1	54	45	smg.	smg.	smg.	0.0		
FRANCE, &c.	Haparanda	1033.0	36	S	2	1030.1	0	39	+11	SW	4	o	1	1	39	28	smg.	smg.	smg.	0.0	
	Hernösand	1032.0	36	SW	2	1031.4	0	37	+1	S	4	o	1	1	39	36	smg.	smg.	smg.	0.0	
	Stockholm	1030.7	41	E	2	1030.7	0	41	0	SE	2	o	1	1	45	39	smg.	smg.	smg.	0.0	
	Wisby	1029.6	43	NE	2	1029.9	0	43	+2	ESE	2	o	1	1	48	39	smg.	smg.	smg.	0.0	
	Karlstad	1029.9	41	E	2	1028.3	-1	41	0	W	0	o	1	1	43	37	smg.	smg.	smg.	0.0	
	Petrograd	1014.1	54	E	3	1012.6	0	50	0	SE	1	o	1	1	57	50	smg.	smg.	smg.	0.0	
	The Helder	1009.9	57	SE	4	1011.0	+2	57	+8	S	4	o	2	1	61	46	smg.	smg.	smg.	0.0	
	C. Gris Nez	1009.6	57	ESE	3	1011.3	+	54	+2	SW	3	o	2	1	64	52	smg.	smg.	smg.	0.0	
	Ushant	1007.9	59	S	4	1007.4	+	59	+4	SW	5	o	4	1	63	52	smg.	smg.	smg.	0.0	
	Brest (St. Mathieu)	1009.5	61	SE	3	1009.7	+2	59	+3	S	5	o	4	1	68	55	smg.	smg.	smg.	0.0	
SOUTHERN EUROPE.	Rochefort (Ile d'Aix)	1009.6	61	SW	2	1013.7	+4	53	-5	SE	2	o	1	1	64	52	smg.	smg.	smg.	0.0	
	Biarritz	1008.6	63	SE	2	1011.8	+2	59	-4	SE	3	o	4	1	72	55	smg.	smg.	smg.	0.0	
	Paris	1011.4	54	SE	1	1014.0	+3	54	+4	S	1	o	1	1	61	50	smg.	smg.	smg.	0.0	
	Belfort	1015.0	54	E	4	1018.0	+	55	+9	W	0	o	1	1	59	46	smg.	smg.	smg.	0.0	
	Lyons	1013.0	63	SW	1	1017.1	+	55	-1	N	1	o	1	1	72	55	smg.	smg.	smg.	0.0	
	Nice	1016.6	59	W	0	1019.5	+3	57	0	W	0	o	3	1	66	55	smg.	smg.	smg.	0.0	
	Perpignan	1012.2	63	ENE	3	1014.7	+2	61	-2	W	0	o	1	1	72	59	smg.	smg.	smg.	0.0	
	Sanguinaire	1012.2	69	?	2	1014.7	+2	61	-2	W	0	o	1	1	72	59	smg.	smg.	smg.	0.0	
	Corunna (7 a.m.)	1007.7	61	SW	6	1015.7	+3	55	0	SSE	3	o	5	22	61	52	smg.	smg.	smg.	0.0	
	Madrid (8 a.m.)	1009.9	61	W	0	1017.5	+2	54	0	W	0	o	1	1	63	48	smg.	smg.	smg.	0.0	
Lisbon (9 a.m.)	1011.8	63	SE	3	1014.2	+	61	-1	E	3	o	1	1	68	59	smg.	smg.	smg.	0.0		
Gibraltar	1011.8	63	SE	3	1014.2	+	61	-1	E	3	o	1	1	68	59	smg.	smg.	smg.	0.0		
Rome	1011.8	63	SE	3	1014.2	+	61	-1	E	3	o	1	1	68	59	smg.	smg.	smg.	0.0		
Malta (8 a.m.)	1011.8	63	SE	3	1014.2	+	61	-1	E	3	o	1	1	68	59	smg.	smg.	smg.	0.0		
Azores (Horta, 8 a.m.)	1020.8	63	N	4	1021.5	0	64	0	W	0	o	2	1	72	68	smg.	smg.	smg.	0.0		
Madeira (Funchal)	1011.0	63	SW	1	1015.7	+3	64	+1	NE	4	o	4	1	64	61	smg.	smg.	smg.	0.0		

GALES.  
Duration and Extreme Force  
in British Islands.

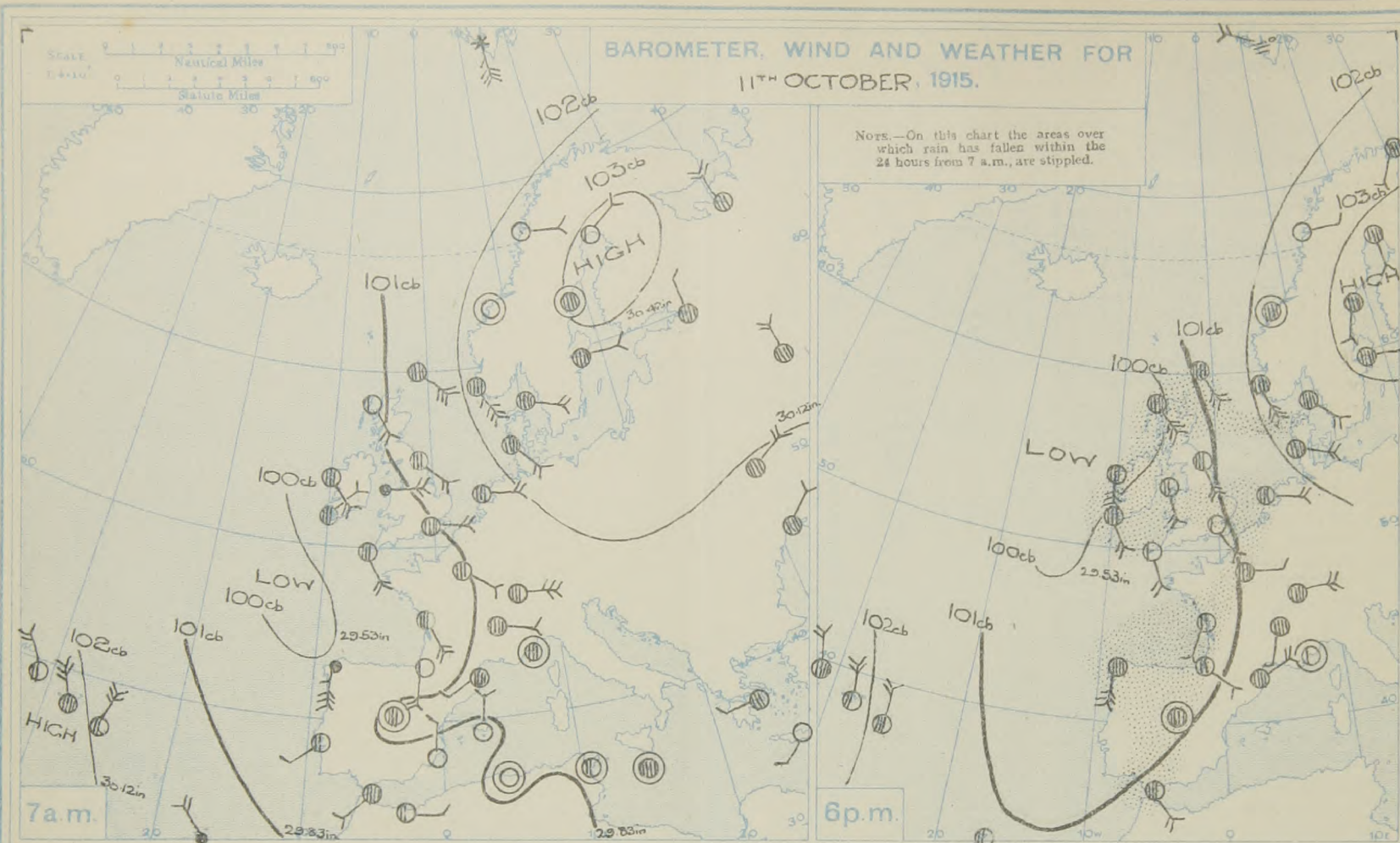
Lerwick  
12<sup>th</sup> 2 a.m. to 7 a.m. SSE 8.

Blacksod  
11<sup>th</sup> 7 p.m. to midnight S 8.

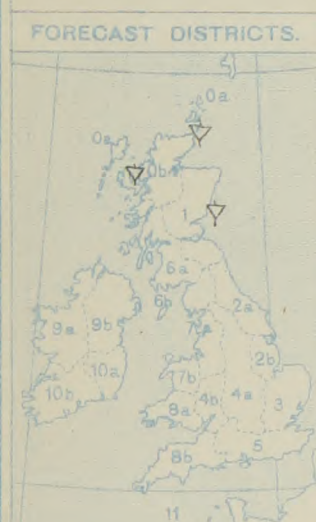
\* Information for these columns not usually received.

† Received too late for insertion in Charts.

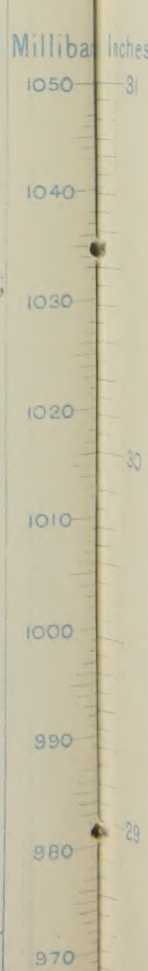
‡ The barometric change is expressed in half-millibars.



### FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.



- |    |                |   |
|----|----------------|---|
| 0  | { a }<br>{ b } | Southerly gales and strong winds, moderating and shifting towards South-West later; dull and rainy, then improving. |
| 1  | { }            | Fresh or strong Southerly winds, moderating and veering later, dull, some rain, then improving; mild.               |
| 2  | { a }<br>{ b } | Moderate or fresh Southerly winds, some showers, and rather misty; mild.  |
| 3  | { }            |   |
| 4  | { a }<br>{ b } | Moderate or light Southerly wind; fair generally; moderate temperature.   |
| 5  | { }            |   |
| 6  | { a }<br>{ b } | Wind shifting towards West and falling light; weather fair generally, but misty at sea; moderate temperature.       |
| 7  | { a }<br>{ b } |   |
| 8  | { a }<br>{ b } |   |
| 9  | { a }<br>{ b } | Light Westerly breezes; fair, some showers; moderate temperature.   |
| 10 | { a }<br>{ b } |   |
| 11 | { }            | Moderate winds from between South and South-West, moderate to rather rough sea; mostly fair.                        |



#### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

South Cone hoisted in

Dists. 0 & 1 at 7.45pm y'day.

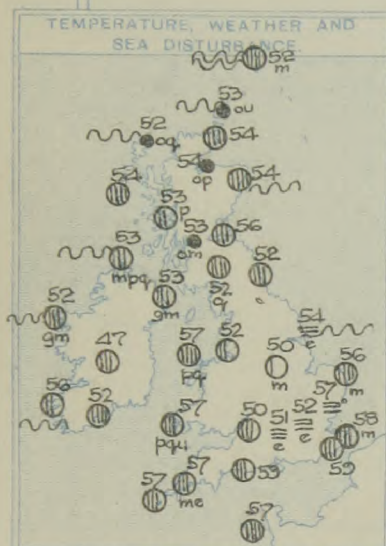
Western Channel and Bay 11

#### FURTHER OUTLOOK.

# SYNOPTIC CHART FOR 7 a.m., TUESDAY, 12<sup>TH</sup> OCTOBER, 1915.

## GENERAL INFERENCE.

The depression off the Hebrides will move north-eastward. A "V"-shaped secondary over Ireland and the mouth of the Channel will disperse without materially affecting conditions over the south-east of England.



## EXPLANATION.

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

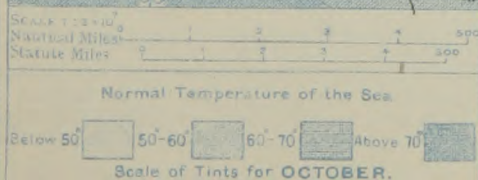
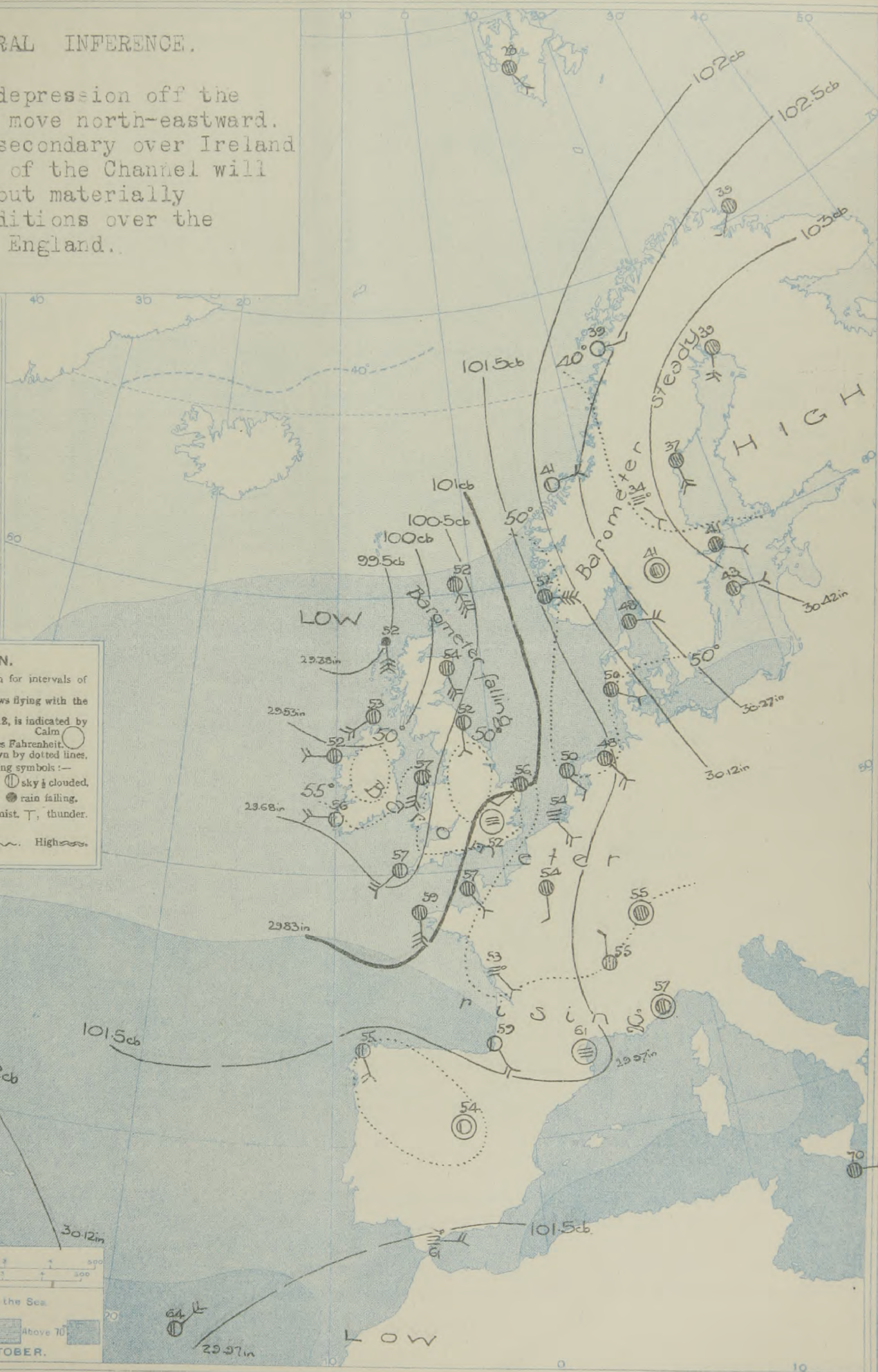
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm.

**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 3/4 clouded. ○ overcast sky. ● rain falling.

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

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



## DAILY WEATHER REPORT.

Tuesday, 12<sup>th</sup> October, 1915.REPORTS  
FOR  
YESTERDAY.11<sup>th</sup> October

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain- fall. Milli- metres.	TEMP.	
	Barom. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			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.							
Petrograd	10 263	39	N	2	bc	1029.7	+2	34	-3	N	1	-	0	*	-	41	32	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		° F.	° F.			Hr.	Tunbridge Wells ...		° F.	° F.			Hr.
Oban ...	—	57	50	bc	bc	0.8	Margate ...	—	59	49	bc c	bc c	1.2
Banff ...	2	55	52	c	bc c	1.0	Ramsgate ...	—	60	51	c bc	c bc bc	1.4
Carnoustie ...	—	—	—	—	—	—	Hastings ...	—	59	57	0	c bc	1.4
St. Andrews ...	—	57	49	*	*	1.5	Bexhill-on-Sea ...	—	59	53	0 bc	bc b	2.0
England, N.E.							Eastbourne ...	—	61	55	0	0.7m	2.1
Harrogate ...	—	58	50	0	0	0.1	Seaford ...	—	61	54	c bc	bc	4.4
Skegness ...	—	59	53	c bc	bc	3.7	Brighton ...	—	61	53	0 bc	bc	3.4
England, N.W.							Worthing ...	—	58	53	0 bc	bc	2.0
Morecambe ...	—	61	50	bc c	bc c	4.0	Littlehampton ...	—	60	53	0	0	0.9
Blackpool ...	0.2	61	50	bc c	bc c	1.1	Bognor ...	0.2	60	53	0	0	0.2
Southport ...	0.3	60	49	0 bc c	c 0	1.0	Southsea ...	—	62	54	c	c 0	4.3
Midlands.							Bournemouth ...	—	62	54	c	c 0	4.3
Buxton ...	1	52	48	0	0	0.0	Weymouth ...	1	64	57	3 bc	bc c	5.4
Leamington Spa ...	—	63	51	c bc	bc	2.7	Torquay ...	5	64	54	bc c	bc c	4.3
Malvern ...	1	58	50	0	c bc bc	0.0	Paignton ...	11	62	41	0	0 bc c	4.8
Ross-on-Wye ...	2	58	51	0m	bc bc	0.0	Falmouth ...	10	62	54	bc c	c bc	7.3
Wales.							Penzance ...	2	62	55	bc	bc bc	7.3
Rhyl ...	1	63	51	0p	bc	5.8	Newquay ...	8	61	51	0	0	9.7
Colwyn Bay ...	0.4	64	52	bc	bc	7.0	Ilfracombe ...	5	65	54	0	bc bc bc	7.5
Llandudno ...	—	66	54	0 c	c bc	8.0	Weston-super-Mare ...	2	64	51	bc c	bc bc bc	1.0
Aberystwyth ...	1	66	54	0 c	c bc	8.0							
Tenby ...	6	62	53	bc	bc	7.2							
England, E.													
Cromer ...	—	60	53	0 bc c	c 0m	4.8							
Lowestoft ...	—	59	54	bc c	c 0 c	3.4							
Felixstowe ...	—	58	55	c	0m	0.9							
Walton-on-Naze ...	—	57	54	c bc c	c bc c	0.7							
Southend-on-Sea ...	—	59	48	c bc c	bc	3.8							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obsy.) ...	% 76	% 93	Hr. 2.7	° F. 61	° F. 48	° F. 38	mm.‡ -	bc	c bc	m. f
City (Bunhill Row) ...	* *	* *	0.5	* *	* *	* *	* *	*	*	*
Westminster (St. James's Pk.)	52	76	1.3	61	51	45	-	bc	bc	bc. b
Camden Sq. (Brit. Rainfall)	83	99	0.7	62	49	44	-	0m	bc m	*
Hampstead (Reservoir) ...	* *	69	1.6	58	50	35	-	c 0	o. fe	bc. f
Richmond Park	* *	* *	3.3							
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	72	81	1.0	506 Joules.		12.8 Milliwatts.		31 Milliwatts.		

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

12 <sup>th</sup> 13 <sup>th</sup> October 1915.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	6.15	11.40	5.4
Greenwich ...	6.21	11.47	5.13
Wick ...	6.22	11.46	5.10
Valencia ...	6.44	11.59	5.14
	6.46	11.58	5.11
	7.2	12.28	5.23
	7.4	12.27	5.20

## NOTES ON YESTERDAY'S WEATHER.

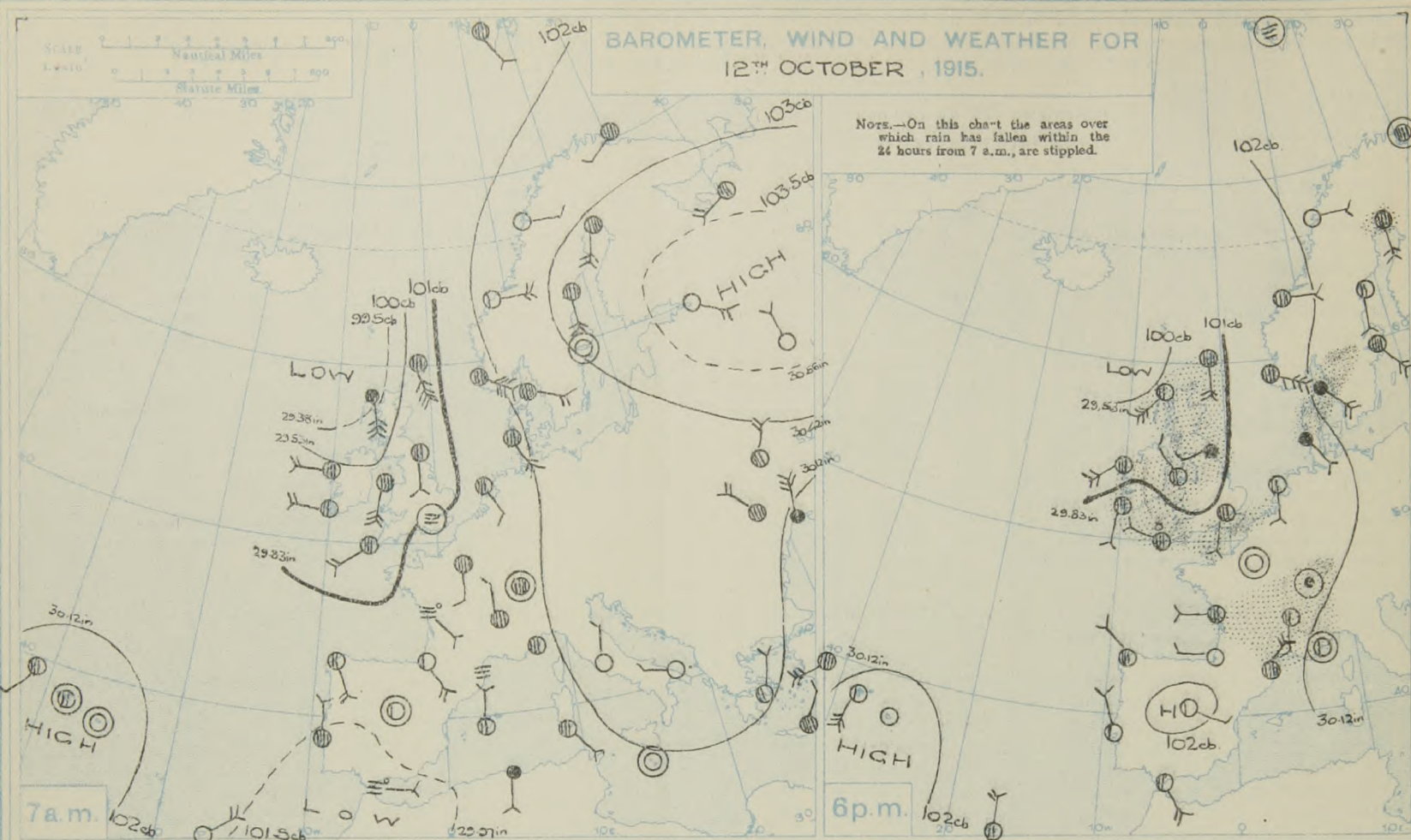
Considerable rain has fallen in Ireland and western Scotland, and a gale from South was experienced on the west coast of Ireland and Shetland over night. The weather was bright in the south-west of England, 8.3 hours of sunshine at Scilly, but cloudy elsewhere.

NOTE.—The information relating to weather is indicated by the following letters:—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility; unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 286. Wednesday 13<sup>th</sup> October 1915.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	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.	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	1004.0	52	S	4	om	1010.2	+1	50	-2	SSW	3	-	om	3	5	53	47	omg	omd	bc.m	Hours. 1.8
Deerness	1008.7	51	SSW	3	0	1008.8	*	50	-3	S	4	W	c	4	2	54	48	sc	sc	sc	4.8
Stornoway	1002.5	52	SW	6	bcg	1004.6	-2	53	+1	SSW	6	-	odpg	5	1	57	49	odpg	bcg	bc.c	6.0
Castlebay (Barra Isd.)	1004.4	54	SW	3	0	1005.2	-1	54	0	SE	5	-	h	5	3	57	50	o.c	c.p.c.o	sc.c	6.0
Glasgow	1007.8	52	WSW	2	c	1012.4	+2	60	-3	S	2	NW	0	7	54	47	om.o.c	bc.cq	c.f.o	4.4	
Esksdalemuir	1009.0	48	SSW	1	bc	1014.3	+2	48	-4	S	2	SW	ome	18	57	39	ommc	c.bc	bc.om	1.7	
Malin Head	1007.2	53	SW	3	omg	1006.5	-2	53	0	SW	5	SW	cq	5	-	57	50	om	bc.m	cq	2.7
Blacksod Point	1007.6	54	SW	4	om	1004.6	-3	57	+5	SSW	8	SW	omr	6	2	57	50	om	omr	omomr	*
Valencia	1011.4	55	SSW	2	c	1011.1	0	57	+1	SE	3	-	od	4	0.1	60	53	ov	ov	c.bc.o	4.3
Roches Point	1012.6	56	WNW	2	c	1015.2	*	58	+6	SW	3	-	0	4	0.2	61	51	o.bc	bc.o.c	bc.o	*
Birr Castle	1010.7	52	SW	1	c	1011.9	*	55	+8	SSW	2	-	0	4	0.2	59	47	cp	c	o	2.9
Donaghadee	1008.3	53	SSW	3	om	1011.4	0	52	-1	SW	3	-	omr	3	0.1	58	48	bc.m	bc.m	bc.m	1.1
Liverpool (Bidston)	1009.9	52	W	1	c	1013.3	+1	50	-2	S	1	W	bc	1	7	59	49	o.bc	sc	o	1.0
Holyhead	1009.7	54	NW	1	bcg	1014.8	+1	56	-1	S	3	-	om	2	2	59	53	op.opd	c.bc.c	bc.o	0.4
Pembroke (St. Ann's)	1011.2	55	WNW	3	bc	1016.5	+2	56	-1	SW	2	W	ow	2	2	58	55	cp.d	c.bc	bc.cq	0.4
Scilly (St. Mary's)	1012.4	54	WNW	2	om	1017.0	0	55	-2	SW	2	-	bc	3	1	60	53	opg	c.o	bc	2.2
Falmouth	1012.3	53	NW	2	0	1017.9	+1	51	-6	-	0	-	cg	3	3	62	50	op.o	o.c.bc	bc.o	0.4
Jersey (St. Aubin)	1013.1	59	W	3	c	1018.7	*	48	-9	W	3	-	bc	2	0.2	61	48	o	op.o.c	od.o	0.1
Portland Bill	1011.0	59	SW	5	c	1017.9	+1	55	-4	NW	2	-	c	3	1	61	54	cp	op.d	bc.c	*
Dungeness	1013.0	59	SW	3	c	1015.9	+1	57	-2	SSW	2	-	0	2	4	63	57	bc	bc	bc.cop	*
Dover	1013.6	58	S	3	c	1016.2	+2	58	0	SW	2	-	0	3	2	63	55	cg.bc	bc.c	cp.r.sc	5.2
Wick	1004.3	52	SSW	3	bc	1009.2	0	51	-3	SSW	3	-	0	4	3	57	47	opg.bc	bc.m	bc.om	*
Nairn	1005.6	51	S	1	bc	1009.0	*	52	-2	SSW	1	-	od	1	3	59	42	p.bc	bc	c.o	3.5
Aberdeen	1006.4	52	SSW	2	bc.m	1012.0	+1	48	-6	SSW	2	NW	0	4	57	43	opg.o	o.c.bc	bc.b	2.4	
Leith	1007.0	56	WSW	2	bc	1012.6	+2	52	-4	SE	1	-	c	6	61	43	sc	sc	bc.c	*	
Tynemouth	1007.5	56	WSW	1	omr	1014.3	+4	47	-5	WNW	2	-	bc.m	4	1	60	46	om	omr	om	*
Spurn Head	1010.0	59	SW	4	0	1014.8	+2	52	-2	NW	3	-	om	3	1	63	50	bc.m	bc.om	omr	5.1
Yarmouth	1010.7	57	SSW	2	bc	1015.5	+3	55	-1	W	2	W	om	2	-	65	54	bc.o	bc.m	bc.om	4.5
Clacton-on-Sea	1012.7	58	SE	3	0	1016.1	+2	56	-1	WSW	1	-	0	0	-	61	55	opg.bc	bc.o	om	3.7
Nottingham	1009.7	59	SE	3	0	1016.6	*	48	-2	W	1	W	om	2	0.2	64	47	bc.o	c.o	op.c	4.0
Bath	1010.2	59	SSW	1	0	1017.6	*	46	-4	NW	1	NW	c	2	-	62	45	p.o.c	c.o	od.cm	2.2
St. Farnborough	1011.2	58	S	3	0	1016.5	+3	54	+3	WNW	1	-	cg	2	-	65	50	f.bc	o	o.b.o	5.2
London (Kew Obs.)	1012.0	59	SSW	2	c	1016.5	+2	55	+3	W	2	-	om	2	trace	64	52	fe.b	bc.o.c	c.om	3.6
NORTHERN EUROPE.																					
Spitsbergen	1020.3	30	-	0	f	1020.7	0	32	+4	-	0	*	0	*	*	32	23	GALES. Duration and Extreme Force in British Islands.  <u>Lerwick</u> 12 <sup>th</sup> 7 a.m. to 7 p.m. SSE 8.			
Vardö	1027.5	37	-	0	0	1028.2	+1	37	-2	S	2	-	0	3	*	39	28				
Bodö	1021.6	36	E	2	0	1016.7	-1	37	-2	S	4	-	0	2	-	43	32				
Christiansund	1014.3	48	E	2	0	1013.7	0	52	+11	SE	2	-	c	1	-	52	41				
Skudesnaes	1014.1	54	ESE	7	0	1015.9	0	52	0	SE	4	-	c	4	-	54	52				
Færder (X'iania Fjord)	1022.0	50	SE	4	0	1021.2	+1	50	-7	SE	4	-	0	2	-	50	43				
The Scaw (Skagen)	1020.4	52	SE	4	h	1019.5	0	52	-4	SE	3	-	h	3	1	54	48				
Blaavands Huk	1015.7	30	SE	2	h	1017.2	+2	54	-4	S	1	-	f	0	4	54	50				
Haparanda	1026.6	39	S	4	0	1024.7	0	37	+2	SW	2	-	0	*	2	41	35				
Hernösand	1029.2	36	S	2	bc	1026.6	0	45	+8	S	2	-	0	*	-	45	36				
Stockholm	1029.1	43	SE	4	0	1027.1	0	46	+5	SE	4	-	0	*	-	46	41				
Wisby	1029.1	45	SE	2	c	1026.6	0	49	+6	SE	4	-	c	*	-	50	43				
Karlstad	1023.5	-1	46	+5	ESE	2	-	46	+5	ESE	2	-	c	*	1	46	39				
Petrograd (5 a.m. G.M.T.)	1023.5	-1	46	+5	ESE	2	-	46	+5	ESE	2	-	c	*	1	46	39				
FRANCE, &c.																					
The Helder	1014.0	55	S	2	c	1017.5	+2	52	+2	SE	1	-	bc	1	trace	59	45				
C. Gris Nez	1013.9	58	S	3	c	1016.3	+1	57	0	SSW	4	*	h	3	3	63	57				
La Hève	1014.9	61	SSW	4	0	1018.4	*	59	+5	SW	5	*	f	4	-	63	54				
Ushant	1013.0	59	W	4	f	1018.6	*	54	-5	N	2	*	c	5	-	63	50				
Brest (St. Mathieu)	1015.0	59	SW	3	0	1019.9	+1	54	-5	ESE	2	*	c	3	-	66	54				
Rochefort (Ile d'Aix)	1017.9	61	W	2	c	1024.0	0	58	+5	SSW	3	*	0	*	trace	66	53				
Biarritz	1018.3	62	W	1	bc	1019.9	0	52	-7	SE	2	*	m	2	-	77	52				
Paris	1016.4	54	-	0	0	1020.3	+2	52	-2	SSW	2	-	f	*	-	70	50				
Belfort	1019.3	54	-	0	h	1023.4	*	54	-1	W	2	*	0	*	12	58	53				
Lyons	1019.4	55	S	1	bc	1023.1	*	53	-2	-	0	*	f	*	16	60	50				
Nice	1021.7	58	-	0	0	1020.8	-2	58	+1	-	0	*	c	2	trace	66	55				
Perpignan	1018.1	63	NE	2	0	1021.9	+2	61	0	NE	1	-	0	*	trace	72	57				
Sanguinaire	*	69	N	1	0	*	*	67	+3	E	2	*	0	2	-	73	61				
SOUTHERN EUROPE.																					
Corunna (7 a.m.)	1017.3	63	NW	2	c	1021.1	+2	64	+9	S	1	-	m	2	-	68	50				
Madrid (8 a.m.)	1022.6	61	ESE	1	0	1020.0	+1	59	+5	NE	1	-	0	*	-	64	54				
Lisbon (9 a.m.)	1016.6	64	NNW	2	0	1016.9	0	59	+4	N	3	-	0	5	-	66	55				
Gibraltar	1015.6	64	SE	3	0	1018.2	*	67	+6	E	4	*	0	1	-	71	60				
Rome	*	*	*	*	*	1021.0	0	70	0	ESE	4	W	0	2	-	73	70				
Malta (8 a.m.)	*	*	*	*	*	1021.0	0	70	0	ESE	4	W	0	2	-	73	70				
Azores (Horta, 8 a.m.)	1020.2	*	SSW	5	0	1018.9	0	63	-1	N	3	*	bc	3	-	72	63				
Madeira (Funchal)	1017.2	64	N	3	bc	1018.9	0	63	-1	N	3	*	bc	3	-	72	63				
South Farnborough Pilot Balloon Ascent at about 7 a.m. 500 metres. NW 18 miles per hour.																					
Aberdeen Pilot Balloon Ascent at about 8 a.m. 1000 metres. SW 41 miles per hour. 500 " " " " " "																					



FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

South Cone hoisted today at

9.50 a.m. in Districts 0 & 9.

Western Channel and Bay 11

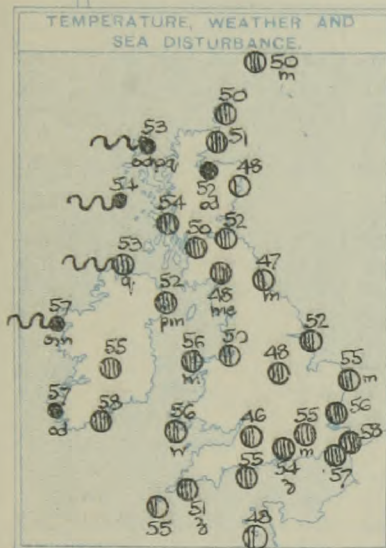
- |    |   |
|----|---|
| 0  | a } Southerly to South-Westerly winds, fresh or strong, a gale locally; showery or rainy; mild.                         |
| 1  | b }   |
| 2  | a } South-Westerly and Southerly winds, increasing; fair, then some showers; mild.                                      |
| 3  | b }   |
| 4  | a } South-Westerly and Southerly winds, light to moderate; mostly fair, some mist; mild.                                |
| 5  | b }   |
| 6  | a } South-Westerly and Southerly winds, increasing; showery or rainy; mild.   |
| 7  | b }   |
| 8  | a } Same as Nos. 1 and 2.   |
| 9  | b }   |
| 10 | a } South-Westerly and Southerly winds, light to moderate; mostly fair, some showers later; mild.                       |
| 11 | b }   |
|    | a } Same as no. 0.  |
|    | b }   |
|    | a } Southerly to South-Westerly winds, moderate to strong; showery or rainy; mild.                                      |
|    | b }   |
|    | a } South-Westerly and Southerly winds, light to moderate; sea slight or moderate; some mist, otherwise fair generally. |
|    | b }   |

**FURTHER OUTLOOK.**

SYNOPTIC CHART FOR 7 a.m., WEDNESDAY, 13<sup>TH</sup> OCTOBER, 1915.

GENERAL INFERENCE.


The new depression is likely to skirt our north-western and northern coasts, and to cause a considerable increase of wind in the western and northern districts.






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 

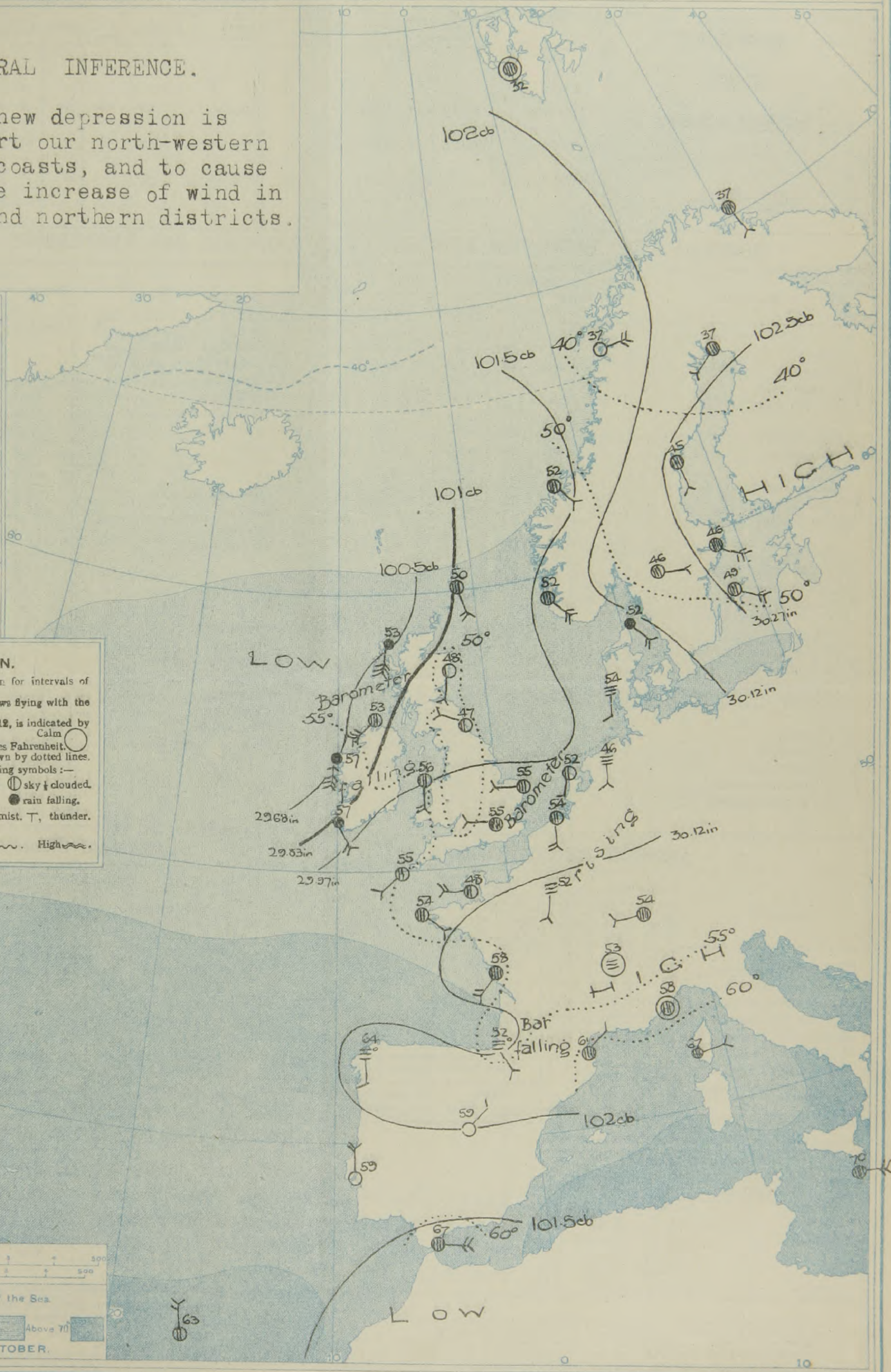
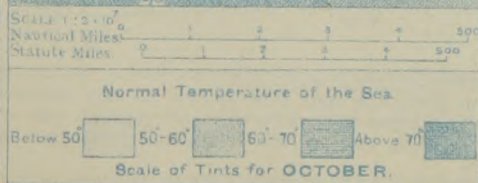
TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

**WEATHER.**—Shown by the following symbols:—  
 clear sky     sky & clouded.     sky & clouded.

☉ clear sky. ☉ sky 2 clouded. ☉ sky 1 clouded.  
☉ sky 3 clouded. ☉ overcast sky. ☉ rain falling.

\* snow. ▲ hail. ≡ fog. ≡<sup>o</sup> mist. T, thunder.  
B. thunderstorm

SEA DISTURBANCE.—Rough . High .



# DAILY WEATHER REPORT.

Wednesday, 13<sup>th</sup> October, 1915.

## REPORTS FOR YESTERDAY.

12<sup>th</sup> October.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli-metres.		TEMP. Max. Min.	
	BAROM. Milli-bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.					
			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.								
		° F.						° F.	° F.										
Petrograd ...	1033.7	39	E	3	b	1036.6	+1	30	-4	SE	3	-	b	*	-	41	30		
Lisbon ...	1008.8	61	SW	3	bc	1014.9	+3	55	-2	N	2	-	o	6	-	66	55		
Rome ...	1018.3	63	ENE	1	bc	1020.3	+2	55	-	N	1	-	b	*	-	70	54		

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMP. °F.	TEMP. °F.	WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.						Forenoon.	Afternoon.	
		°F.	°F.										
Scotland.							Tunbridge Wells ...		65	51	c. bc	bc. o	4.6
Banff ...	1	60	53	r. c	bc	2.4	Margate ...	1	67	54	c. bc. b	b. bc. c	4.9
Carnoustie ...							Ramsgate ...	0.4	67	55	bc	bc	6.0
St. Andrews ...	6	58	47	*	*	2.3	Hastings ...	-	63	56	op. bc	b. bc. o	3.0
England, N.E.							Bexhill-on-Sea ...						
Harrogate ...	4	62	48	c. bc. b	cor	2.6	Eastbourne ...	-	64	57	bc. b. o	ov	2.4
Skegness ...	-	65	50	mor. bc	bc. o	4.0	Seaford ...	-	63	55	b	c	4.2
England, N.W.							Brighton ...	-	63	56	b. bc	o	2.9
Morecambe ...	4	59	53	bc. r	r. c	0.2	Worthing ...	2	63	52	bc	bc. c	2.8
Blackpool ...	7	59	51	c. z. ore	ore. c	0.3	Littlehampton ...	0.3	60	56	bc	o	2.0
Southport ...	5	60	51	cor. c	or. c	1.2	Bognor ...	0.2	60	50	b. bc. o	od	2.2
Midlands.							Southsea ...	-	63	50	bc	o	1.0
Buxton ...	Trace	58	49	bc	bc	2.8	Bournemouth ...	1	62	47	o	o	0.1
Leamington Spa ...	-	63	50	bc	bc. c	4.2	Weymouth ...	-	63	50	c	c. bc	0.0
Malvern ...	0.2	60	50	o	o	0.0	Torquay ...	2	61	50	op.	bc. o	0.2
Ross-on-Wye ...	0.4	60	48	a. bc	bc. o	0.4	Paignton ...	1	61	46	c.	op	0.1
Wales.							Falmouth ...	-	62	53	op. o	a. bc. b	0.4
Rhyl ...	0.3	61	51	bc	co	0.0	Penzance ...	-	63	55	c. bc	mor. bc	1.3
Colwyn Bay ...	10	58	50	bc. r	r. bc	0.0	Newquay ...	2	61	51	op. c	op. bc	?
Llandudno ...							Ilfracombe ...	6	61	54	r. o	o	2.1
Aberystwyth ...	6	58	55	bc. o	or. r	0.0	Weston-super-Mare ...	2	61	50	c	cr	0.0
Tenby ...	2	59	56	bc. op	bc	0.4							
England, E.													
Cromer ...	0.1	67	53	om. bc	b. bc	5.2							
Lowestoft ...	1	65	56	a. bc	b. bc	5.4							
Felixstowe ...	0.2	61	55	bc. m	bc. m	5.1							
Walton-on-Naze ...	-	61	54	bc. m	bc. c	4.5							
Southend-on-Sea ...	-	68	48	m. b. bc	bc. c	5.7							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 59	% 91	Hr. 6.1	* F. 68	* F. 53	* F. 49	mm. 0.3	bc	c. bc	om. c.
City (Bunhill Row) ...	% *	% *	5.1	% *	% *	% *	% *	% *	% *	% *
Westminster (St. James's Pk.)	58	83	5.6	68	55	53	-	bc	bc.	bc. om. o
Camden Sq. (Brit. Rainfall)	60	84	4.5	68	55	53	Trace	bm. b	bc. om.	%
Hampstead (Reservoir) ...	% *	90	5.6	65	51	46	0.3	bc	od	o.
Richmond Park ...	% *	% *	5.3							
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	56	82	4.6	723 Joules		185 Milliwatts.		43 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm.‡	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.	3	60	51	48	o. c	c. b	c	*
Darwen to 9 p.m.								
Manchester „				*				
Birmingham „					*			
Oxford to 8 p.m.	*	63	50	40	o. c	c	c. o. c	*
Teignmouth to 9 „	1	61	49	47	b. c. p	o. p	c. p	o. 2
Plymouth „								
S. Kensington (Museum Grounds to 6 p.m.)	.	68	53	43	b. c. b. 30	b. m. b. c	c. o.	*

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to above 60° in most districts - above 65° in places. Rain fell at many northern and western stations, the largest value being 18 mm. at Eskdalemuir. Little bright sunshine was recorded.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 267

Thursday

14<sup>th</sup> October 1915.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.		
	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. 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	1008.1	52	S	5	c	1010.2	+2	53	13	SSW	3	SW	bc	3	0.1	53	50	om	om c	bc	Hours.	
	Deerness	1005.4	53	S	5	bc	1010.5	+	52	12	S	4	S	b	4	-	54	51	c	c bc	bc b	17	
	Stornoway	999.5	57	S	8	odg	1008.2	+6	53	0	SW	6	-	bcg	5	2	58	49	odg	odg	bc d p g	0.0	
	Castlebay (Barra Isd.)	1002.7	56	SSE	6	bc	1010.6	+4	54	0	SW	4	-	bc	4	1	58	53	odg	odg	bc d p g	0.0	
	Glasgow	1012.0	57	S	1	odg	1015.0	+4	52	12	SW	2	-	b	1	1	60	50	odg	odg	bc d p g	0.3	
	Eskdalemuir	1014.4	54	S	5	odg	1016.6	+3	52	14	SW	3	S	o	2	2	57	47	om c om	odg	odg	1.1	
	Malin Head	1004.7	58	SSW	7	omg	1012.7	+2	52	-1	SW	4	SW	bc	4	-	59	50	omg	bcg	bc	1.0	
	Blacksod Point	1004.1	58	SSW	8	omg	1014.6	+4	52	-5	SW	7	SW	om p	7	4	58	49	omg	omg	bc	*	
	Valencia	1010.7	59	S	4	bc	1018.5	+3	53	-4	SW	2	SW	bc	5	5	59	53	om d	bc	bc	0.0	
	Roche's Point	1013.8	59	S	3	bc	1019.8	+	49	-9	SSE	1	-	b	4	1	59	47	o	bc	bc	*	
	Birr Castle	1009.6	59	S	3	o	1017.9	+	47	-8	S	1	-	b	1	1	60	47	o	bc	bc	0.0	
	Donaghadee	1009.9	57	S	5	omg	1015.9	+5	49	-3	SW	3	SW	bc	2	0.3	61	49	bc	omg	om p bc	*	
	Liverpool (Bidston)	1016.4	54	S	1	bc	1018.3	+2	52	12	SW	1	SW	bc	1	1	62	50	o c	bc	bc	4.2	
	Holyhead	1014.4	58	SSW	6	odg	1017.9	+1	56	0	WSW	2	-	bc	1	2	61	55	bc bc c	bc	bc	7.6	
	Pembroke (St. Ann's)	1017.2	57	SSW	4	bc	1019.2	+2	56	0	WSW	2	SW	c	2	2	59	55	bc	bc	bc	5.6	
	Scilly (St. Mary's)	1017.1	57	S	2	bc	1019.7	+2	55	0	-	0	-	bc	4	1	61	54	bc	bc	bc	7.2	
	Falmouth	1018.7	56	S	1	bc	1019.8	+1	56	15	N	1	-	bc	2	3	62	50	c bc	bc	bc	5.4	
	Jersey (St. Aubin)	1019.3	56	W	2	bc	1021.0	+	45	-3	W	2	-	bc	1	-	64	45	bc bc	bc	bc	7.8	
	Portland Bill	1018.9	58	W	2	bc	1020.3	0	57	12	W	1	SW	bc	2	-	61	55	bc	bc	bc	*	
	Dungeness	1018.9	57	W	2	o	1020.3	+1	48	-9	NW	1	-	bc	0	-	61	44	bc	bc	bc	*	
Dover	1019.2	55	NW	1	o	1021.9	+3	49	-9	NW	1	-	bc	2	0.1	61	46	bc bc	bc bc	bc bc	5.5		
Wick	1005.5	55	SSE	4	o	1010.9	+4	53	+2	SSW	4	-	bc	8	0.4	57	50	odg	odg	bc	*		
Nairn	1006.7	60	SSW	4	bcg	1011.6	+	53	11	SW	1	-	bc	1	2	60	49	bcg	bc	bc	0.6		
Aberdeen	1010.5	55	SSE	4	bc	1014.2	+5	54	+6	SSW	2	S	bc	2	-	57	47	bc o	bcg	bc c	1.8		
Leith	1011.5	59	SW	1	c	1014.9	+4	55	+3	SW	3	SW	bc	1	1	63	51	c o c	c	bc	*		
Tynemouth	1015.0	55	S	2	bc	1016.6	+2	52	+5	SW	2	-	bc	3	-	60	47	bc	bc	bc	*		
Spurn Head	1018.4	56	SSE	3	bc	1019.9	+4	51	-1	S	2	-	bc	3	0.1	62	50	bc	bc	bc	7.3		
Yarmouth	1018.2	56	SE	1	bc	1020.3	+2	55	0	SW	2	-	bc	1	-	61	54	bc	bc	bc	1.0		
Clacton-on-Sea	1018.8	57	ESE	1	o	1021.2	+1	48	-8	NNW	1	-	bc	0	-	65	48	om c	bc	bc	0.0		
Nottingham	1017.8	56	S	1	bc	1020.1	+	43	-3	SW	1	-	bc	1	-	62	40	c o	bc	bc	1.9		
Bath	1018.4	56	S	1	bc	1020.7	+	46	0	NE	1	-	bc	1	-	66	43	bc bc	bc	bc	4.7		
St. Farnborough	1019.0	54	-	0	bc	1021.3	+2	47	-7	-	0	NW	bc	1	trace	64	39	bc bc	bc	bc	2.9		
London (Kew Obsy.)	1019.2	55	-	0	bc	1022.1	+2	48	-7	WSW	1	-	bc	1	trace	62	44	om c o	bc bc	bc bc	1.6		
NORTHERN EUROPE.	Spitsbergen †	1019.4	30	S	1	f	1009.7	-3	27	-5	-	0	-	o	1	-	32	21	-	-	-		
	Vardö	1027.3	37	SE	2	bc	1023.5	-1	39	+2	S	4	-	bc	2	-	39	34	-	-	-		
	Bodö	1019.7	46	NNE	4	bc	1017.5	0	48	+11	E	4	-	bc	2	-	46	36	-	-	-		
	Christiansund	1015.8	55	E	1	o	1015.0	0	55	+3	SW	1	-	bc	1	-	57	52	-	-	-		
	Skudesnaes	1019.1	54	SSE	5	o	1020.6	0	54	+2	SSE	6	-	bc	0	6	-	57	52	-	-	-	
	Færder (Kjellerfjord)	1024.4	50	E	1	m	1025.3	0	52	+2	S	2	-	bc	1	-	54	39	-	-	-		
	The Scaw (Skagen)	1023.4	52	SSE	3	o	1025.5	+2	52	0	SSE	2	-	bc	2	trace	52	50	-	-	-		
	Blaavands Huk	1022.4	54	-	0	bc	1025.2	0	50	-4	SE	1	-	bc	1	-	57	45	-	-	-		
	Haparanda †	1025.2	41	SW	4	o	1027.1	+2	41	+4	S	4	-	bc	1	2	43	36	-	-	-		
	Hernösand †	1026.9	43	S	4	o	1026.1	0	46	+1	S	4	-	bc	1	-	46	43	-	-	-		
FRANCE, &c.	Stockholm †	1027.5	46	SSE	4	o	1027.1	0	46	0	ESE	2	-	bc	1	-	48	43	-	-	-		
	Wisby †	1026.9	46	ESE	2	bc	1027.5	+1	46	-3	S	2	SW	bc	1	-	52	43	-	-	-		
	Karlstad †	1024.8	50	-	0	o	1026.0	?	48	+2	-	0	-	bc	1	-	52	45	-	-	-		
	Petrograd (S.A.M. G.M.T.)	1024.8	50	-	0	o	1026.0	?	48	+2	-	0	-	bc	1	-	52	45	-	-	-		
	The Helder	1020.7	55	SE	1	o	1022.9	+1	50	-2	SE	1	-	bc	1	-	61	50	-	-	-		
	C. Gris Nez	1019.0	58	SW	3	m	1014.7	+1	52	-5	S	2	-	bc	2	-	59	50	-	-	-		
	La Hève	1019.0	57	-	0	bc	1021.1	+	53	-6	ENE	2	-	bc	1	-	61	48	-	-	-		
	Ushant	1019.7	59	SW	3	c	1019.9	+	59	+5	SW	1	-	bc	5	2	64	52	-	-	-		
	Brest (St. Mathieu)	1020.4	63	S	2	c	1020.7	0	55	+1	E	3	-	bc	3	-	66	54	-	-	-		
	Rochefort (Île d'Aix)	1020.7	61	W	2	bc	1021.0	0	54	-4	NE	2	-	bc	1	-	70	54	-	-	-		
SOUTHERN EUROPE.	Biartitz	1019.3	66	-	0	bc	1019.8	0	60	+8	WSW	2	-	bc	3	-	66	52	-	-	-		
	Paris	1020.2	57	SSW	1	bc	1021.3	+1	54	+2	-	0	-	bc	1	2	64	52	-	-	-		
	Belfort	1021.7	55	-	0	o	1023.0	+	48	-6	ENE	5	-	bc	1	2	61	48	-	-	-		
	Lyons	1021.2	60	NNE	1	c	1020.4	+	51	-2	NNW	1	-	bc	1	-	66	50	-	-	-		
	Nice	1019.4	61	-	0	bc	1017.9	0	59	-2	W	1	-	bc	1	-	75	54	-	-	-		
	Perpignan	1019.4	61	-	0	bc	1017.9	0	59	-2	W	1	-	bc	1	-	75	54	-	-	-		
	Sanguinaire	1019.4	61	-	0	bc	1017.9	0	59	-2	W	1	-	bc	1	-	75	54	-	-	-		
	Corunna (7 a.m.)	1019.7	61	NNW	2	c	1021.3	+1	55	-9	NE	1	-	bc	3	-	64	50	-	-	-		
	Madrid (8 a.m.)	1019.7	61	NNW	2	c	1021.3	+1	55	-9	NE	1	-	bc	3	-	64	50	-	-	-		
	Lisbon (9 a.m.)	1019.7	61	NNW	2	c	1021.3	+1	55	-9	NE	1	-	bc	3	-	64	50	-	-	-		
Gibraltar	1016.6	62	SW	3	c	1016.2	+	61	-6	W	4	-	bc	1	23	70	60	-	-	-			
Rome	1016.6	62	SW	3	c	1016.2	+	61	-6	W	4	-	bc	1	23	70	60	-	-	-			
Malta (8 a.m.)	1016.6																						

South Farnborough

Plot Balloon Ascent at about 7 a.m.

1500 metres WSW. 13 miles per hour.  
500 metres. SW. 13 miles per hour.

Aberdeen

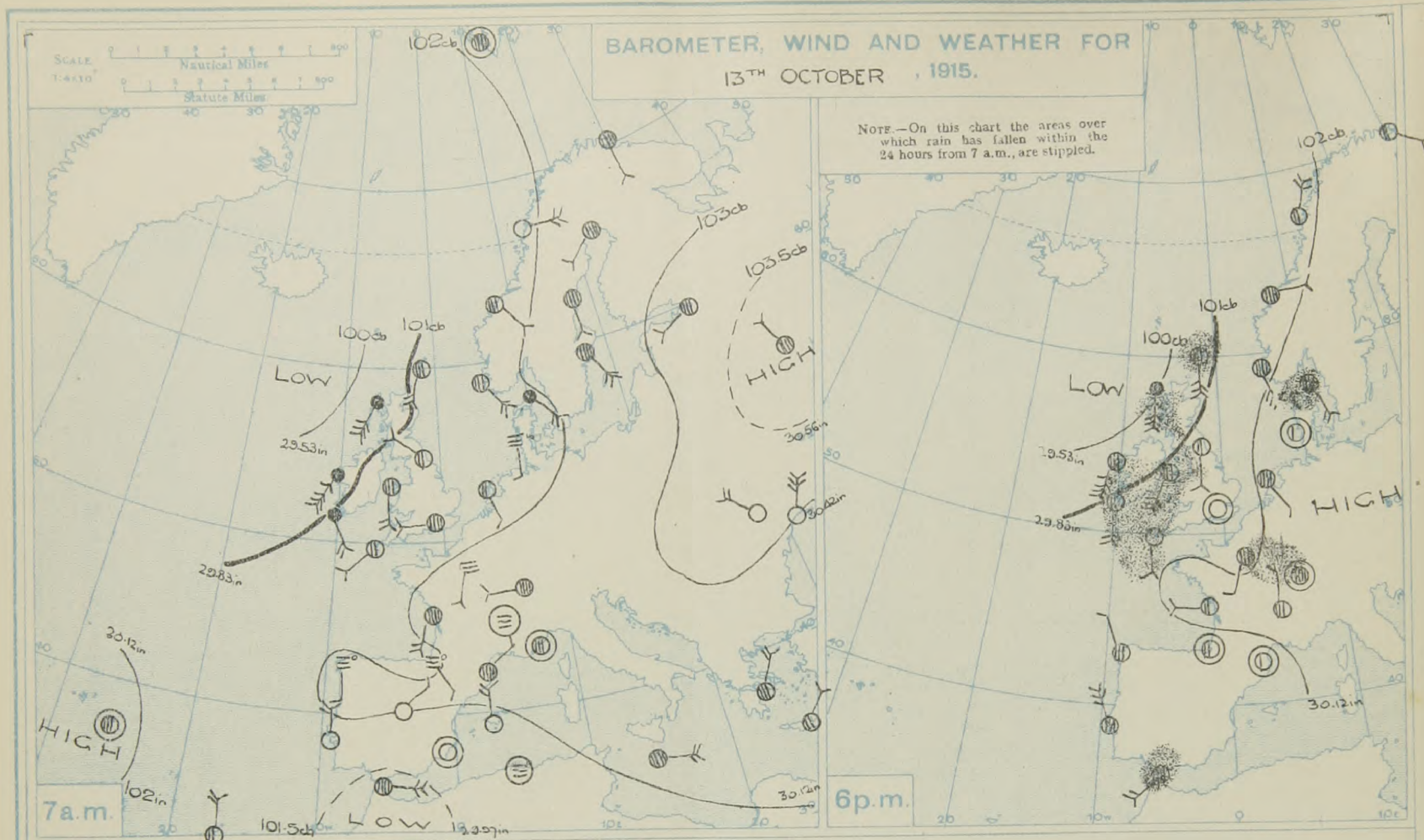
Plot Balloon Ascent at about 8 a.m.

2000 metres SW. 14.9 miles per hour.  
1000 metres. WSW. 21 miles per hour.  
500 metres. SW. 27 miles per hour.

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.



**FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

**No Warnings Issued.**

Western Channel and Bay 11

0 { a } Southerly and South-Westerly winds, light or  
b } moderate, fresh locally; mostly fair, some showers;  
1 } mild.

2 { a } Wind light, mainly from some Southerly point;  
b } fair generally, mist or fog locally at times; mild  
3 } day, cool night.  
4 { a }  
b }

5 } Same as Nos. 0 and 1.  
6 { a }  
b }

7 { a } Southerly and South-Westerly winds, light or  
b } moderate; fair generally, local showers; mild.  
8 { a }  
b }

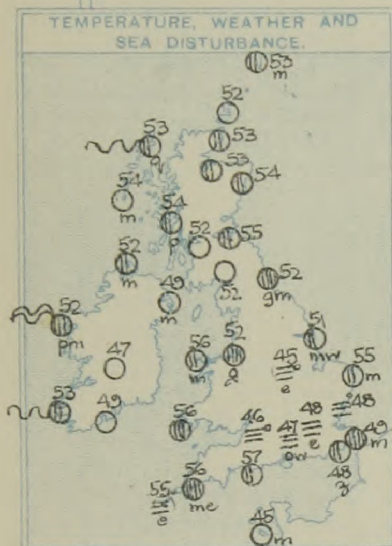
9 { a } Wind Westerly or South-Westerly, light or  
b } moderate; sea moderate to smooth; fair generally,  
10 { a } but some mist or fog.  
b }

**FURTHER OUTLOOK.**

# SYNOPTIC CHART FOR 7 a.m., THURSDAY, 14<sup>TH</sup> OCTOBER, 1915.

## GENERAL INFERENCE.

The rise of the barometer appears likely to continue for a time over the United Kingdom, but the conditions cannot yet be considered settled.



## 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 ½ clouded. ○ sky ¾ clouded.

○ sky ¾ clouded. ○ overcast sky. ○ rain falling.

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

K, thunderstorm.

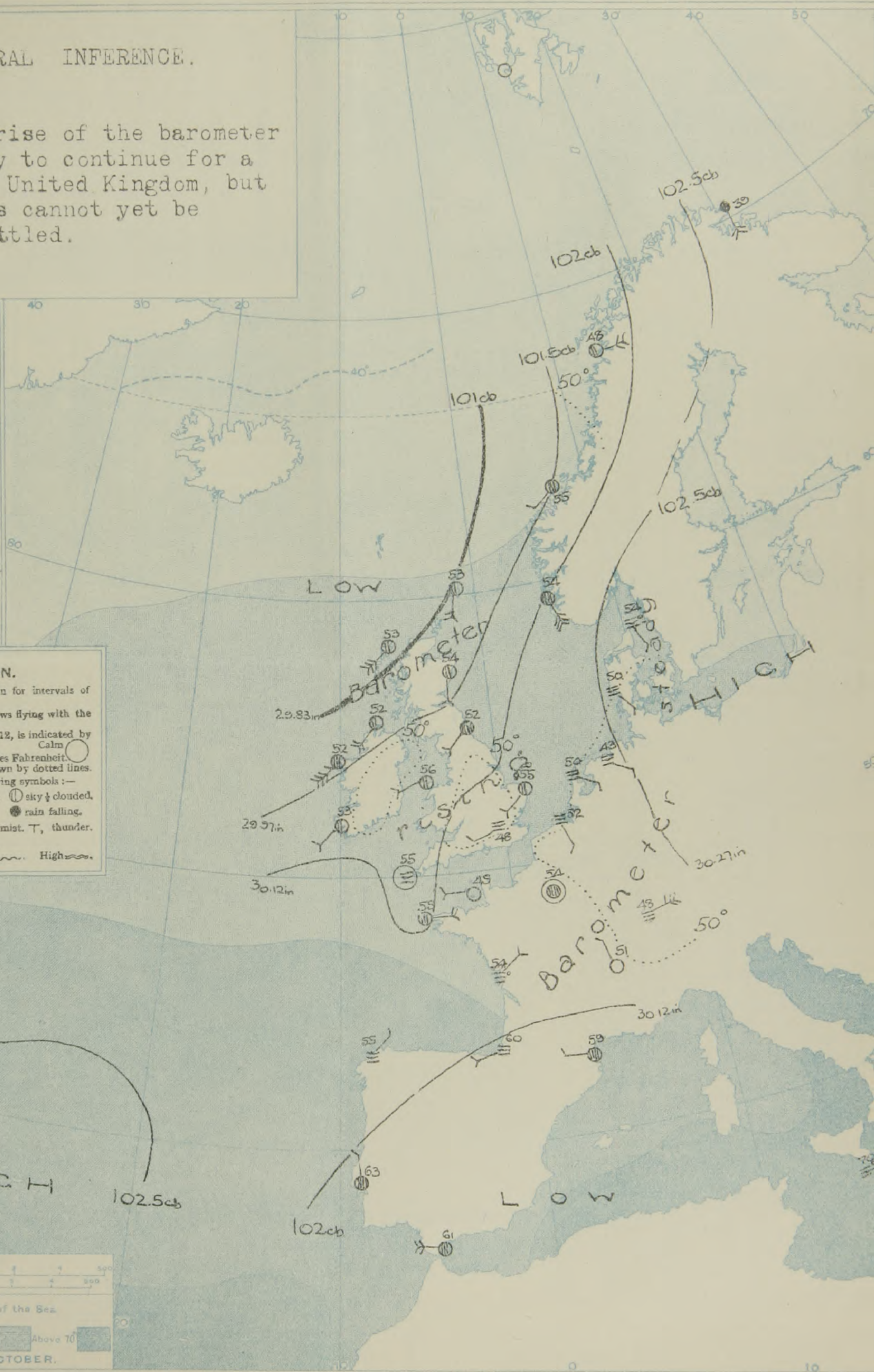
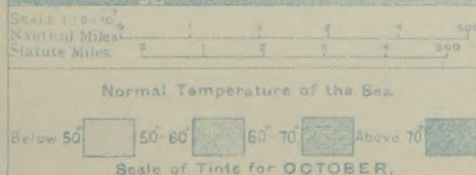
**SEA DISTURBANCE.**—Rough wavy. High wavy.

Inches.

31

30

29



## DAILY WEATHER REPORT.

Thursday 14<sup>th</sup> October, 1915.REPORT  
FOR  
YESTERDAY.13<sup>th</sup> October.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall, Milli- metres.	TEMP.	
			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.					Max.	Min.
Petrograd	1035.0	° F. 36	SSE	3	b	1032.0	-1	° F. 36	+6	WSW	2	—	c	*	—	43	30

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		° F.	° F.				Tunbridge Wells ...		° F.	° F.			
Oban ...	-	58	50	o	o	0.0	Margate ...	-	61	53	o	o.c.bm	0.0
Banff ...	-	59	45	o.c.b	bc	3.1	Ramsgate ...	1	61	55	bc	bc	4.5
Carnoustie ...	-						Hastings ...	2	?	53	bc	bc	3.1
St. Andrews ...	-	61	44	*	*	2.4	Bexhill-on-Sea ...	2	60	54	orc	o.b	1.6
England, N.E.							Eastbourne ...	1	60	54	bc.o	oz	0.5
Harrogate ...	1	60	46	c.o	c.o.c	1.6	Seaford ...	1	60	53	c	o	0.1
Skegness ...	1	60	46	b	b.b	7.4	Brighton ...	-	61	53	o.c	o	1.3
England, N.W.							Worthing ...	-	62	52	bc	bc	1.8
Morecambe ...	-	63	47	bc	bc	5.1	Littlehampton ...	-	61	?	o	bc	1.9
Blackpool ...	0.1	62	49	om.o	bc.b	4.2	Bognor ...	-	62	52	o	bc.b	2.5
Southport ...	-	63	48	c.o.g	bc	4.0	Southsea ...	-	63	50	bc	bc	2.5
Midlands.							Bournemouth ...	-	63	47	c	c.b	3.3
Buxton ...	5	60	47	bc	bc	3.3	England, S.E.						
Leamington Spa ...	-	64	47	bc	bc	4.0	Weymouth ...	-	66	49	z.b	bcz	3.8
Malvern ...	-	62	49	c.b	bc	5.9	Torquay ...	-	63	50	q.c.b	c.b	4.0
Ross-on-Wye ...	1	64	42	bc	bc.b	6.2	Paignton ...	1	63	48	bc	bc	4.3
Wales.							Falmouth ...	0.3	62	50	c.b	bc	5.4
Rhyl ...	-	64	46	bc.c	bc	5.9	Penzance ...	-	62	52	bc	bc	6.5
Colwyn Bay ...	-	62	50	bc	bc	7.0	Newquay ...	-	63	50	c.b.b	b	7.0
Llandudno ...	-						Ilfracombe ...	-	63	54	c.b	o	2.0
Aberystwyth ...	-	62	50	o.c.b	bc.o	7.0	Weston-super-Mare ...	2	65	48	bc.b	b	5.6
Tenby ...	-	60	48	b	bc	7.1	England, S.W.						
England, E.													
Cromer ...	-	59	52	om.b	bc.m	3.7							
Lowestoft ...	-	61	54	om.b	bc	3.2							
Felixstowe ...	-	63	53	bc	bc	5.0							
Walton-on-Naze ...	-	63	55	bc	bc.b	5.0							
Southend-on-Sea ...	-	63	52	bc.c	bc	2.8							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 68	% 99	Hr. 0.5	° F. 62	° F. 48	° F. 35	mm. § -	o bc	bcg	om
City (Bunhill Row) ...	* *	* *	0.7	* *	* *	* *	* *	* *	* *	* *
Westminster (St. James's Pl.)	71	96	1.1	63	46	42	-	o bc	bc	om f
Camden Sq. (Brit. Rainfall)	66	99	1.9	65	47	43	-	bc	bcm	*
Hampstead (Reservoir) ...	* *	76	3.4	61	46	33	-	bc.o	bc.e f	d f e
Richmond Park ...	* *	* *								
Kew, (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
				Total.		Average Rate.		Max. Rate.		
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				540 Joules		139 Milliwatts.		30 Milliwatts.		
S. Kensington (Roof of M.O.)				63		95		1.6		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
		Max.	Min.			
Dublin to 4 p.m.		° F.	° F.	° F.		
Darwen to 9 p.m.						
Manchester "						
Birmingham "						
Oxford to 8 p.m.		62	50	4.4	o.p.c	c
Teignmouth to 9 "		67	48	4.6	bc.o	c.b
Plymouth "						
S. Kensington (Museum Grounds to 6 p.m.)	0.1	63	55	5.1	o.	c.o

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

14 <sup>th</sup> 15 <sup>th</sup> October 1915.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.19	G.M.T. 11.39	G.M.T. 4.59
Greenwich ...	6.21	11.39	4.37
Wick ...	6.26	11.46	5.8
Valencia ...	6.48	11.58	5.8
	6.50	12.27	5.48
	7.2	12.37	5.46

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 60° or above over a very large area. Slight rain fell in various districts, but at many stations in the south-west, south and east there was much sunshine.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies id. at M.O. and at the bookstalls at certain Railway Termini in London.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 288

Friday  
15 October 1915.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	TEMP.		WIND.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
			Dir.	Force 0-12.			Dry Bulb.	Change in 24 hours.						Max.	Min.	Morning.	Afternoon.	Night.			
<b>BRITISH ISLANDS.</b>																					
Lerwick ...	1015.4	52	SW	2	bc	1017.5	50	+3	SW	2	bc	2	-	58	48	bc	bc	bc	bc	Hours.	
Deerness ...	1015.9	51	SSW	3	b	1017.9	50	-2	SSW	3	bc	3	-	57	48	b	b	b	b	7.0	
Stornoway ...	1016.1	53	SW	6	cg	1016.3	49	+4	SSW	4	bc	4	2	57	48	bc	bc	bc	bc	6.3	
Castletown (Barra) ...	1015.7	55	SSW	4	bc	1017.5	51	53	SW	3	bc	3	4	56	50	bc	bc	bc	bc	7.1	
Glasgow ...	1019.7	52	SW	2	b	1020.8	49	-3	SSW	1	c	*	trace	59	43	bc	bc	bc	bc	6.7	
Esksdalemuir ...	1020.7	50	SW	3	b	1022.4	46	-6	-	0	o	*	trace	58	46	bc	bc	bc	bc	3.6	
Malin Head ...	1017.8	55	W	4	bc	1019.1	48	-4	S	3	b	4	0.4	59	47	bc	bc	bc	bc	8.1	
Blacksod Point ...	1017.2	53	SSW	4	cmp	1019.1	50	52	SW	4	bc	4	2	59	48	bc	bc	bc	bc	*	
Valencia ...	1020.2	54	S	2	o	1021.9	43	-10	NE	2	bc	4	3	61	43	bc	bc	bc	bc	4.5	
Roche's Point ...	1023.2	56	WSW	1	b	1022.9	46	-3	NW	2	f	3	0.4	61	46	bc	bc	bc	bc	*	
Birr Castle ...	1019.4	55	SW	1	c	1021.4	42	-5	SW	1	f	*	-	61	42	c	c	c	c	9.1	
Donaghadee ...	1014.8	54	SW	2	bc	1020.4	48	-1	SW	3	bc	2	-	62	48	bc	bc	bc	bc	*	
Liverpool (Bidston) ...	1021.8	54	W	1	b	1022.0	46	-6	SE	1	f	1	-	59	44	bc	bc	bc	bc	3.6	
Holyhead ...	1020.9	55	SW	2	bc	1021.4	50	-6	E	1	bc	0	trace	63	49	bc	bc	bc	bc	8.5	
Pembroke (St. Ann's) ...	1021.9	55	WSW	1	bc	1022.1	47	-9	NNE	1	f	1	0.1	60	45	bc	bc	bc	bc	8.7	
Scilly (St. Mary's) ...	1021.8	55	NNW	1	bc	1021.9	51	-4	-	0	bc	3	0.1	61	50	bc	bc	bc	bc	7.9	
Falmouth ...	1022.1	57	N	2	c	1021.8	49	-7	NNW	2	bc	2	5	61	48	bc	bc	bc	bc	0.8	
Jersey (St. Aubin) ...	1020.8	59	NW	2	b	1020.4	56	+11	NE	2	bc	1	-	66	45	bc	bc	bc	bc	9.5	
Portland Bill ...	1021.9	58	WSW	1	bc	1021.3	54	-3	NE	1	c	3	-	63	53	bc	bc	bc	bc	*	
Dungeness ...	1021.4	55	SW	1	b	1021.0	49	+1	NNW	2	f	2	trace	61	47	bc	bc	bc	bc	*	
Dover ...	1022.1	54	-	0	m	1021.6	53	+4	ENE	1	bc	2	0.1	61	48	bc	bc	bc	bc	8.6	
Wick ...	1016.2	52	SSW	3	bc	1018.3	52	-1	SSW	3	b	1	-	58	51	bc	bc	bc	bc	*	
Nairn ...	1017.2	51	SW	2	b	1018.6	48	-5	SW	1	bc	1	-	59	42	bc	bc	bc	bc	7.4	
Aberdeen ...	1016.3	54	SW	3	b	1020.6	46	-8	SSW	1	bc	2	-	62	40	bc	bc	bc	bc	8.0	
Leith ...	1019.4	57	WSW	2	bc	1020.7	42	-13	-	0	bc	*	-	62	39	bc	bc	bc	bc	*	
Tynemouth ...	1020.1	56	NNW	1	bc	1021.9	42	-10	W	2	bc	3	-	59	42	bc	bc	bc	bc	*	
Spurn Head ...	1022.2	60	NNW	1	f	1022.2	54	+8	NW	1	f	2	1	63	48	bc	bc	bc	bc	6.2	
Yarmouth ...	1021.7	56	SW	4	bc	1021.6	56	+1	-	0	bc	1	-	60	49	bc	bc	bc	bc	5.1	
Clacton-on-Sea ...	1022.2	57	SE	2	bc	1021.6	49	+1	NNW	1	f	0	0.2	64	46	bc	bc	bc	bc	5.0	
Nottingham ...	1021.6	55	SW	1	o	1022.3	47	+2	SW	1	f	*	-	57	44	f	mc	mc	mc	0.0	
Bath ...	1021.3	57	NE	-	o	1021.3	55	+9	NE	-	f	*	1	60	46	m	o	o	o	0.0	
St. Farnborough ...	1021.8	52	-	0	bc	1021.3	47	0	-	0	bc	*	-	65	42	f	bc	bc	bc	6.3	
London (Kew Obsy.) ...	1022.2	55	-	0	bc	1021.9	49	+1	-	0	f	*	trace	62	45	bc	bc	bc	bc	3.9	
<b>NORTHERN EUROPE.</b>																					
Spitsbergen ...	998.6	32	-	0	s	987.0	39	+12	S	8	r	*	*	39	25	<b>RAINFALL.</b> Equivalents of Millimetres. in Inches.					
Vardö ...	1019.9	41	SSW	3	o	1017.6	41	+2	SW	4	o	3	*	41	34						
Bodö ...	1018.7	52	E	2	bc	1019.5	46	-2	E	2	bc	2	1	52	45	mm.	Inches.	mm.	Inches.		
Christiansund ...	1018.3	54	-	0	r	1020.6	52	-3	-	0	r	2	2	57	52	1	0.04	26	1.02		
Skudesnaes ...	1021.7	54	SE	6	o	1022.1	52	-2	SE	5	o	5	2	54	52	2	0.08	27	1.06		
Færder (Xianiafjord) ...	1025.9	52	SW	2	o	1026.3	50	-2	S	1	m	1	-	52	50	3	0.12	28	1.10		
The Scaw (Skagen) ...	1026.0	52	SE	2	m	1026.0	52	0	SSW	1	f	1	-	55	52	4	0.16	29	1.14		
Blaavands Huk ...	1025.9	54	S	1	f	1024.2	50	0	S	1	f	1	-	54	45	5	0.20	30	1.18		
Haparanda ...	1027.5	41	S	4	o	1026.1	41	0	S	4	o	*	1	41	39	6	0.24	31	1.22		
Hernösand ...	1026.3	45	-	0	f	1025.0	48	+2	S	2	o	*	-	48	45	7	0.28	32	1.26		
Stockholm ...	1027.0	48	SSW	2	o	1027.4	48	+2	S	2	o	*	1	52	46	8	0.32	33	1.30		
Wisby ...	1027.9	48	SSW	2	o	1027.9	50	+4	SSW	2	o	*	-	55	46	9	0.35	34	1.34		
Karlstad ...	1026.7	50	-	0	o	1027.0	48	0	-	0	o	*	-	54	45	10	0.39	35	1.38		
Petrograd (5 a.m. G.M.T.) ...																11	0.43	36	1.42		
The Helder ...	1023.3	54	*	0	f	1022.7	50	0	E	1	f	0	-	57	50	12	0.47	37	1.46		
C. Gris Nez ...	1022.0	53	SW	2	f	1021.1	54	+2	E	2	f	2	trace	59	48	13	0.51	38	1.50		
La Hève ...	1020.4	59	NE	2	bc	1019.4	54	+1	NE	2	m	2	-	63	48	14	0.55	39	1.54		
Ushant ...	1021.2	59	NE	4	m	1021.5	56	-3	NE	5	o	5	1	63	54	15	0.59	40	1.58		
Brest (St. Mathieu) ...	1022.9	59	N	2	o	1022.0	56	+1	NE	1	o	5	1	68	55	16	0.63	41	1.61		
Rochefort (Ile d'Aix) ...	1020.3	61	NW	3	o	1018.7	56	+2	NNE	3	o	*	-	66	54	17	0.67	42	1.65		
Biarritz ...	1018.6	63	NNW	1	o	1018.0	55	-2	SE	2	f	5	2	68	57	18	0.71	43	1.69		
Paris ...	1021.3	55	NE	2	b	1020.4	48	-6	NE	1	f	*	-	64	48	19	0.75	44	1.73		
Belfort ...	1021.5	50	ENE	4	f	1019.8	47	+1	E	4	f	*	-	56	47	20	0.79	45	1.77		
Lyons ...	1019.1	56	W	1	bc	1018.0	48	-3	NNW	2	o	*	-	65	45	21	0.83	46	1.81		
Nice ...	1015.1	57	-	0	b	1014.0	56	-1	-	0	c	2	-	70	52	22	0.87	47	1.86		
Perpignan ...	1016.2	64	NW	2	c	1015.4	61	+2	W	3	b	*	-	73	52	23	0.91	48	1.89		
Sanguinaire ...																24	0.95	49	1.93		
<b>SOUTHERN EUROPE.</b>																					
Corunna (7 a.m.) ...	1020.3	63	NNE	5	bc	1020.4	61	+5	NE	4	f	4	-	64	55	25	0.98	50	1.97		
Madrid (8 a.m.) ...	1012.7	73	NE	1	c	1016.9	57	-	SW	1	c	*	?	73	55						
Lisbon (9 a.m.) ...	1016.0	72	NNW	3	c	1016.3	61	-2	NNW	4	c	6	-	75	61						
Gibraltar ...	1015.2	64	NW	4	b	1014.9	63	+2	NW	4	b	1	-	71	61						
Rome ...																					
Malta (8 a.m.) ...						1011.5	40	0	SE	4	r	2	trace	75	70						
Azores (Horta, 8 a.m.) ...	1027.8	*	-	0	c	1026.6	59	-4	-	0	m	2	-	68	59						
Madeira (Funchal) ...	1020.8	72	N	3	bc	1020.6	66	+2	N	3	r	3	-	73	64						

Aberdeen.

Pilot Balloon Ascent at about 8 a.m.

1000 metres. S.W. 27 miles per hour.

500 metres. S.W. 22 miles per hour.

## Aberdeen.

Pilot Balloon Ascent at about 8 a.m.

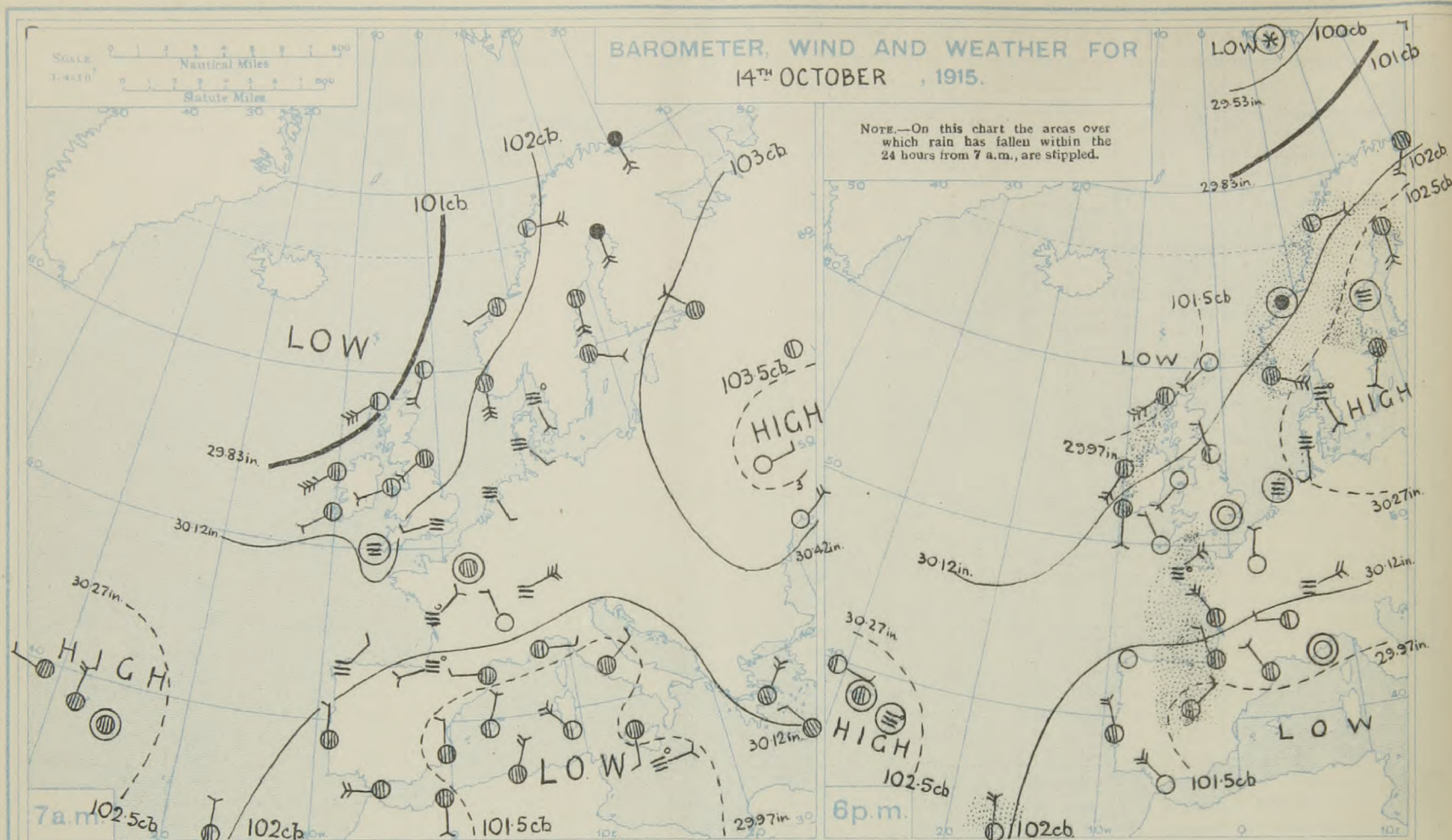
1000 metres. S.W. 27 miles per hour.

500 metres. S.W. 22 miles per hour.

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.



FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South Coast.

North Coast.

Signals hoisted this morning.

South Coast.

North Coast.

No Warnings Issued.

Western Channel and Bay 11

FURTHER OUTLOOK.

0 } Southerly and South-Westerly winds, light or moderate; fair generally, some slight local showers in west; mild.

2 } Wind very light, variable or between North-East and East; much fog and mist, brighter at times; cooler than of late.

6 } Same as Nos. 0 and 1.

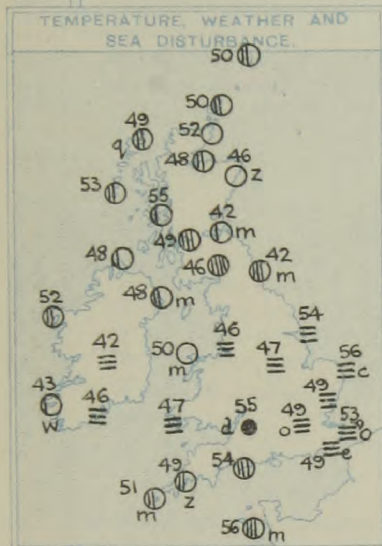
7 } Wind light, rather variable; some mist and fog, otherwise fair; cooler.

9 } Southerly and South-Westerly winds, light or moderate; mostly fair, some fog or mist at times; cooler than of late.

10 } Light North-Easterly or variable winds; sea slight or smooth; some fog, otherwise fair.

# GENERAL INFERENCE.

No great change in the pressure distribution appears probable during the ensuing 24 hours.



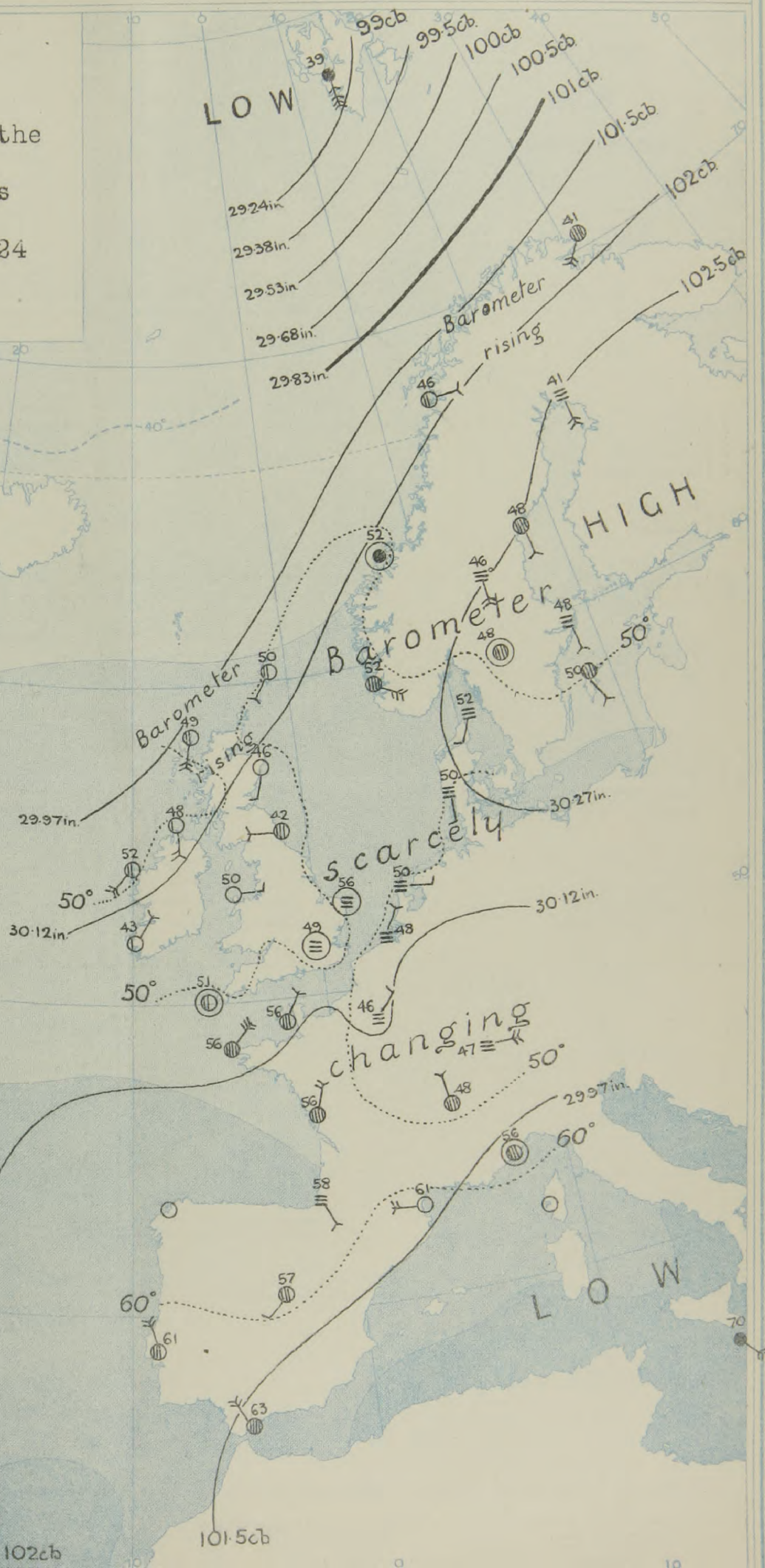
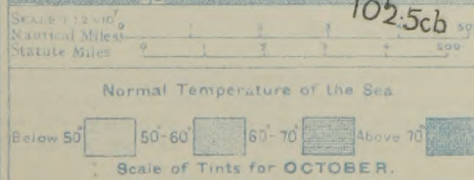
## EXPLANATION.

**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. overcast sky. rain falling.  
 snow. hail. fog. mist. thunder.  
**SEA DISTURBANCE.**—Rough High

Inches  
31

30

29



## DAILY WEATHER REPORT.

Friday, 15<sup>th</sup> October, 1915.REPORTS  
FOR  
YESTERDAY.14<sup>th</sup> October

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli-metres.		TEMP. Max. Min.	
	BAROM. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-10.					
			Dirac.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.								
Petrograd	1031.7	39	NW	2	0	1033.0	0	36	0	NW	2	-	0	*	-	41	32		
Nice	1018.9	58	-	0	C	1016.9	0	57	-1	E	1	*	0	-	-	66	57		
Lisbon	1016.1	70	NNW	5	C	1017.1	+3	63	+4	N	1	-	0	5	-	77	63		
Rome	1017.6	64	S	1	0	1012.8	+2	61	-	NE	1	-	0	*	9	72	61		
Madeira (Funchal)	1019.1	70	N	2	0	1021.7	+1	64	+1	N	2	-	C	2	-	72	64		

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. & in.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. & in.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.													
Oban ...	...	58	53	bc	b	6.2	Tunbridge Wells ...	...	63	42	bc, bc	bc, bc	3.1
Banff ...	...	62	46	b	bc, b	7.1	Margate ...	...	59	49	bc	bc	1.2
Carnoustie ...	...						Ramsgate ...	...	59	49	f, bc	bc	4.4
St. Andrews ...	...			*	*		Hastings ...	...	63	50	bc, b	b	8.6
England, N.E.							Bexhill-on-Sea ...	...	62	45	bz	bz	3.5
Harrogate ...	0.3	56	47	cd, o	o, c	0.1	Eastbourne ...	...	64	46	b	b	8.3
Skegness ...	0.1	60	47	bc	bc, o	6.7	Seaford ...	...	63	46	c, bc	bc, bc	8.2
England, N.W.							Brighton ...	...	64	45	bc	b	8.1
Morecambe ...	0.3	56	50	d, bc	b, bc	4.5	Worthing ...	...	61	49	b	b	9.2
Blackpool ...	4	62	48	om, o	bc, b	4.5	Littlehampton ...	...	63	44	b	b	9.0
Southport ...	1	60	49	od	c, bc, b	3.4	Bognor ...	...	63	46	b	b	7.6
Midlands.							Southsea ...	...	62	40	b	b	6.6
Buxton ...	...	57	48	oe	o	0.0	Bournemouth ...	...					
Leamington Spa ...	...	57	41	o, c	o, c	0.0							
Malvern ...	0.3	55	45	c	c	0.0							
Ross-on-Wye ...	...	58	43	om	bc, o	0.1							
Wales.													
Rhyl ...	0.1	61	53	c, bc	bc, b	5.0	Weymouth ...	...	66	47	bc	bc	3.9
Colwyn Bay ...	...	61	52	c, bc	bc	5.0	Torquay ...	0.2	68	48	o	do	0.1
Llandudno ...	...						Paignton ...	...	58	44	om	om	0.3
Aberystwyth ...	1	60	54	o, c	c, bc	6.0	Falmouth ...	...	61	53	od, o	od, c	0.3
Tenby ...	3	63	54	bc	bc	7.0	Penzance ...	...	63	57	bc	bc	5.3
England, E.							Newquay ...	...	59	51	om	bc, bc	2.4
Cromer ...	0.2	66	51	om, bc	bc, om	7.0	Ilfracombe ...	...	60	52	o	o	0.1
Lowestoft ...	...	63	51	of, bc	bc, om	4.6	Weston-super-Mare ...	...					
Felixstowe ...	0.2	63	48	bc, om	bc, om	7.5							
Walton-on-Naze ...	0.2	63	48	bc, om	bc, om	7.5							
Southend-on-Sea ...	...	66	45	dm, bc	bc, bc	5.4							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	98	99	Hr. 55	* F. 65	* F. 44	* F. 36	mm. ‡	om, bc	bc	bm, f
City (Bunhill Row) ...	*	*	35	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	63	87	49	64	42	42	-	bc	bc	f
Camden Sq. (Brit. Rainfall)	65	92	46	64	45	42	-	om	bm, bc	*
Hampstead (Reservoir) ...	*	91	45	61	46	32	-	bc	f	f
Richmond Park ...	*	*								
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	62	83	54	651 Joules		169 Milliwatts.		35 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL. mm. & in.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day. Hr.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
		Max.	Min.			
Dublin to 4 p.m.	...	...	...	...	...	...
Darwen to 9 p.m.	...	...	...	...	...	...
Manchester "	...	...	...	...	...	...
Birmingham "	...	...	...	...	...	...
Oxford to 8 p.m.	...	61	46	37	om, f, o	0.3
Teignmouth to 9 "	0.2	58	48	45	bc, c	od
Plymouth "	...	...	...	...	...	...
S. Kensington (Museum Grounds to 6 p.m.)	...	65	49	38	bc, bc	bc, bc

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

	15 <sup>th</sup> 1915.	16 <sup>th</sup> 1915.	17 <sup>th</sup> 1915.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	6.22	11.39	4.57
Greenwich ...	6.26	11.46	5.6
Wick ...	6.27	11.46	5.4
Valencia ...	6.52	11.58	5.3
	7.8	12.27	5.46
	7.9	12.27	5.44

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 66° at a few stations, and to above 60° over a large area. Much sunshine was recorded in the south and east of England.

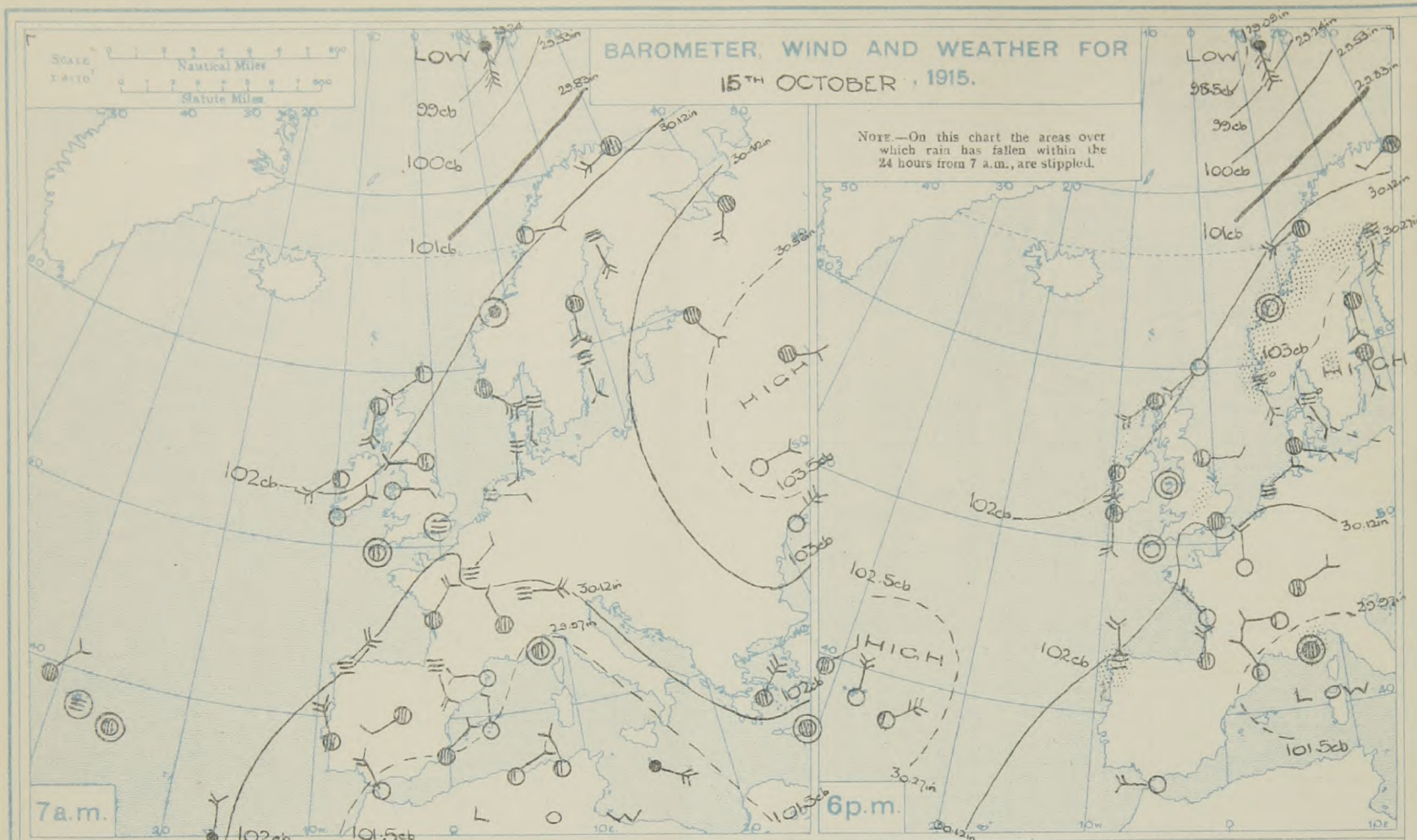
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

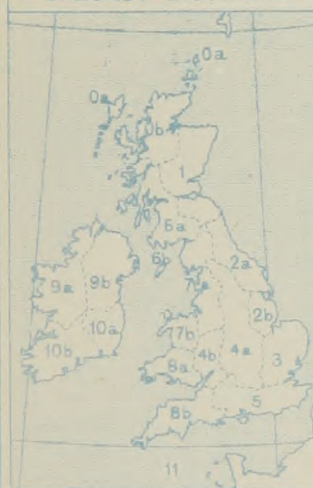
Saturday  
16<sup>th</sup> October 1915.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	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.	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 ...	10200	52	SW	2	bc	10219	0	45	-5	-	0	-	bc	0	0.2	56	44	bc	bc	bc	Hours.
Deerness ...	10200	50	SSW	2	bc	10217	0	45	-5	S	1	-	bc	0	-	57	45	bc	bc	bc	7.1
Stornoway ...	10185	52	SW	4	c	10208	0	40	-9	-	0	-	bc	0	0.2	57	40	bc	bc	bc	7.3
Castlebay (Barra Isd.)	10195	53	S	2	bc	10202	0	52	-1	S	2	-	opm	2	-	55	47	bc	bc	bc	9.7
Glasgow ...	10216	50	SW	1	bc	10219	+1	39	-10	SE	1	-	m	0	trace	59	36	c	bc	bc	6.7
Esksdalemuir ...	10224	45	-	0	bc	10228	0	39	-7	-	0	-	bc	0	-	57	36	c	bc	bc	4.0
Malin Head ...	10208	54	SW	1	bc	10208	0	50	+2	SW	3	SW	cg	3	-	58	47	bc	bc	cg	7.4
Blacksod Point ...	10199	51	S	3	cp	10200	0	50	-2	SSE	1	S	cg	2	3	56	47	bc	bc	opm	1
Valencia ...	10201	54	SSE	3	c	10208	+1	43	0	NE	1	S	bc	4	0.1	61	41	bc	bc	bc	6.6
ROCHE'S POINT.																					
Roche's Point ...	10218	54	SSW	1	bc	10223	0	47	+1	E	1	-	f	2	1	59	44	bc	bc	bc	1
Birr Castle ...	10207	50	E	1	bc	10216	0	34	-8	E	1	-	f	0	-	60	34	bc	bc	bc	8.5
Donaghadee ...	10211	52	SW	2	bc	10212	+1	45	-3	WNW	2	-	bc	1	0.1	57	45	bc	bc	bc	1
Liverpool (Bidston)	10213	51	N	1	m	10208	0	49	+3	-	0	-	bc	1	-	55	46	bc	bc	bc	0.5
Holyhead ...	10210	55	-	0	bc	10204	+1	51	+1	NE	1	-	bc	0	trace	61	47	bc	bc	bc	6.4
Pembroke (St. Ann's)	10211	51	N	1	bc	10197	-1	51	+4	ENE	1	E	bc	1	0.1	58	46	bc	bc	bc	8.6
SCILLY ISLANDS.																					
Scilly (St. Mary's)	10204	52	-	0	bc	10194	0	52	+1	NNE	2	-	bc	3	0.2	60	49	bc	bc	bc	9.3
Falmouth ...	10201	54	NNW	1	bc	10183	0	50	+1	NNW	1	NW	bc	3	-	62	48	bc	bc	bc	7.2
Jersey (St. Aubin)	10190	59	N	2	bc	10174	0	53	-3	NE	2	NE	bc	1	-	66	50	c	bc	bc	4.5
Portland Bill ...	10194	58	S	1	c	10185	-1	55	+1	NE	3	-	bc	1	-	61	54	c	c	c	1
Dungeness ...	10193	56	E	2	c	10174	0	53	+4	N	1	-	cg	2	-	59	48	f	c	c	1
Dover ...	10198	53	NE	1	c	10186	+1	53	0	N	1	NE	bc	2	0.1	58	49	m	c	c	0.1
WICK.																					
Wick ...	10197	50	SW	1	bc	10223	+2	37	-15	WNW	1	-	c	2	-	55	33	bc	bc	bc	1
NAIRN.																					
Nairn ...	10205	48	-	0	bc	10222	0	35	-18	-	0	-	bc	1	-	58	33	bc	bc	bc	6.3
ABERDEEN.																					
Aberdeen ...	10215	52	SW	1	bc	10227	+1	36	-10	W	1	-	bc	2	0.1	60	36	bc	bc	bc	7.6
LEITH.																					
Leith ...	10209	56	SW	1	cg	10224	+2	41	-1	WNW	1	-	bc	0	-	59	39	c	c	c	1
TYNEMOUTH.																					
Tynemouth ...	10219	51	E	1	bc	10219	0	48	+6	NNE	2	-	bc	3	-	57	42	bc	bc	bc	1
SPURN HEAD.																					
Spurn Head ...	10217	54	NE	1	f	10205	-1	54	0	-	0	-	bc	2	2	54	52	bc	bc	bc	0.0
YARMOUTH.																					
Yarmouth ...	10203	52	E	2	bc	10180	-1	53	-3	N	2	-	bc	2	-	60	50	bc	bc	bc	1.7
CLACTON-ON-SEA.																					
Clacton-on-Sea ...	10201	56	E	1	c	10186	0	53	+4	N	2	NE	c	1	-	60	47	bc	bc	bc	3.7
NOTTINGHAM.																					
Nottingham ...	10209	56	NE	1	c	10207	0	49	+2	N	1	N	bc	0	0.1	60	47	bc	bc	bc	0.8
BATH.																					
Bath ...	10200	56	NE	-	c	10193	0	53	-2	NE	-	-	m	0	2	60	52	bc	bc	bc	0.0
ST FARNBOROUGH.																					
St Farnborough ...	10196	54	-	0	m	10189	0	52	+5	N	1	-	bc	0	-	62	47	bc	bc	bc	1.4
LONDON (Kew Obsy.)																					
London (Kew Obsy.)	10202	52	-	0	m	10194	0	52	+3	NNE	1	-	bc	0	-	59	45	bc	bc	bc	0.0
NORTHERN EUROPE.																					
Spitsbergen ...	9853	39	S	9	c	9870	0	37	-2	S	6	-	bc	0	-	41	37	bc	bc	bc	1
Vardö ...	10173	43	SSW	1	c	10169	0	39	-2	SW	5	-	c	2	-	46	37	bc	bc	bc	1
Bodö ...	10206	48	SW	4	c	10208	+2	48	+2	SW	8	-	c	3	-	50	45	bc	bc	bc	1
Christiansund ...	10217	48	-	0	bc	10239	0	46	-6	-	0	-	c	2	2	54	45	bc	bc	bc	1
Skudesnaes ...	10230	54	SSE	4	m	10227	0	52	0	SSE	2	-	c	4	1	54	52	bc	bc	bc	1
Færder (X'ania Fjord)	10255	52	SSE	1	m	10243	0	50	0	ENE	1	-	m	1	-	52	48	bc	bc	bc	1
The Scaw (Skagen)	10255	52	SSE	1	m	10237	0	52	0	SE	1	-	m	2	-	55	50	bc	bc	bc	1
Blaavands Huk ...	10235	52	SSE	1	c	10212	0	48	-2	ESE	1	-	f	1	-	55	48	bc	bc	bc	1
HAPARANDA.																					
Haparanda ...	10246	43	SSW	4	f	10240	+1	41	0	SSW	2	-	f	0	1	43	41	bc	bc	bc	1
HERNÖSAND.																					
Hernösand ...	10252	50	S	2	c	10269	+2	46	-2	S	2	-	bc	0	-	50	46	bc	bc	bc	1
STOCKHOLM.																					
Stockholm ...	10273	48	S	2	c	10284	+2	43	-5	SE	2	-	bc	0	-	52	41	bc	bc	bc	1
WISBY.																					
Wisby ...	10286	43	SSW	2	bc	10282	0	45	-3	SE	2	-	bc	0	-	53	37	bc	bc	bc	1
KARLSTAD.																					
Karlstad ...	10264	48	-	0	c	10255	+3	46	0	ESE	2	-	c	0	2	52	46	bc	bc	bc	1
PETROGRAD (5 a.m. G.M.T.)																					
Petrograd ...	10264	48	-	0	c	10255	+3	46	0	ESE	2	-	c	0	2	52	46	bc	bc	bc	1
FRANCE, &c.																					
The Helder ...	10208	54	NE	2	m	10190	0	52	+2	E	2	-	c	1	-	55	50	bc	bc	bc	1
C. Gris Nez ...	10194	55	ENE	3	c	10177	+1	51	-3	E	2	-	c	2	-	61	48	bc	bc	bc	1
La Hève ...	10189	54	NNE	3	m	10179	0	50	-4	-	0	-	m	0	-	63	45	bc	bc	bc	1
Ushant ...	10202	57	NE	4	c	10172	0	57	+1	NE	4	-	c	5	-	63	54	bc	bc	bc	1
Brest (St. Mathieu)	10202	56	N	2	c	10184	0	54	-2	NE	2	-	c	3	-	61	54	bc	bc	bc	1
Rochefort (Ile d'Aix)	10171	61	NW	2	c	10167	0	49	-7	SSW	3	-	m	0	-	61	48	bc	bc	bc	1
Biarritz ...	10168	60	N	3	c	10164	0	60	+2	WNW	3	-	c	4	-	66	58	bc	bc	bc	1
PARIS.																					
Paris ...	10186	52	NNE	2	c	10177	0	48	0	-	0	-	c	0	-	59	48	bc	bc	bc	1
BELFORT.																					
Belfort ...	10177	49	ENE	2	c	10194	0	38	-9	ENE	4	-	f	0	-	56	38	bc	bc	bc	1
LYONS.																					
Lyons ...	10173	48	W	2	bc	10176	0	46	-2	-	0	-	bc	0	-	58	42	bc	bc	bc	1
NICE.																					
Nice ...	10135	56	-	0	c	10149	+2	55	-1	-	0	-	c	1	10	63	54	bc	bc	bc	1
PERPIGNAN.																					
Perpignan ...	10144	63	NW	2	bc	10153	+1	54	-7	-	0	-	c	0	-	73	50	bc	bc	bc	1
SANGUINAIRE.																					
Sanguinaire ...	10144	63	NW	2	bc	10153	+1	54	-7	-	0	-	c	0	-	73	50	bc	bc	bc	1
SOUTHERN EUROPE.																					
Corunna (7 a.m.)	10197	61	N	3	f	10202	+2	59	-2	NNE	4	-	c	4	7	61	57	bc	bc	bc	1
Madrid (8 a.m.)	10197	61	N	3	f	10202	+2	59	-2	NNE	4	-	c	4	7	61	57	bc	bc	bc	1
Lisbon (9 a.m.)	10197	61	N	3	f	10202	+2	59	-2	NNE	4	-	c	4	7	61	57	bc	bc	bc	1
Gibraltar ...	10156	66	W	3	bc	10149	0	60	-3	W	2	-	bc	1	-	72	58	bc	bc	bc	1
Rome ...	10156	66	W	3	bc	10149	0	60	-3	W	2	-	bc	1	-	72	58	bc	bc	bc	1
Malta (8 a.m.)	10099	71	E	4	c	10099	+1	72	+2	E	4	-	c	3	-	75	70	bc	bc	bc	1
AZORES (Horta, 3 a.m.)																					
Azores (Horta, 3 a.m.)	10278	5	N	4	bc	10264	-1	59	0	-	0	-	m	1	-	68	59	bc	bc	bc	1
MADEIRA (Funchal)																					
Madeira (Funchal)	10194	2	NE	2	bc	10194	0	64	-2	NE	3	-	c	3	-	73	63	bc	bc	bc	1



**FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

Western Channel and Bay 11

**FURTHER OUTLOOK.**

- |    |   |   |  |
|----|---|---|--|
| 0  | a | } | Light variable winds; fair or bright generally, mist or fog locally; rather cold.                                      |
| 1  | b |   |  |
| 2  | a | } | Wind light, mainly between North and East; mist or fog at times, fairer intervals; moderate or rather low temperature. |
| 3  | b |   |  |
| 4  | a | } | Same as Nos. 0 and 1.  |
| 5  | b |   |  |
| 6  | a | } | Light winds between North and East, or variable; mostly fair or bright, but mist or fog at times; colder.              |
| 7  | b |   |  |
| 8  | a | } | Light variable or Easterly winds; local fog or mist, otherwise fair; colder.   |
| 9  | b |   |  |
| 10 | a | } | Northerly and North-Easterly winds, light; sea smooth or slight; some mist, otherwise fair.                            |
| 11 | b |   |  |

Millibars Inches

1050 31

1040 30

1030 29

1020 28

1010 27

1000 26

990 25

980 24

970 23



## DAILY WEATHER REPORT.

Saturday, 16<sup>th</sup> October, 1915.REPORTS  
FOR  
YESTERDAY.15<sup>th</sup> October.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli- metres.		TEMP. Max. Min.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.					
			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.								
Petrograd	1033.9	39	SSE	2	0	1033.5	0	36	0	SSE	2	-	0	*	-	39	36		
Sanguinaire	"	66	S	4	2	"	"	65	-	E	3	*	b	3	-	70	59		

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban ...	2	58	50	b	5.6	England, S.E.	Tunbridge Wells ...	0.1	56	41	b, bc, c	0.2
	Banff ...	-	60	42	b	7.5		Margate ...	-	60	50	b, c	1.6
	Carnoustie ...	-	58	38	*	3.2		Ramsgate ...	-	57	50	z, bc	2.0
	St. Andrews ...	-	58	38	*	3.2		Hastings ...	-	59	49	f, bc	0.1
Eng. N.E.	Harrogate ...	-	58	40	b	8.2	England, S.W.	Bexhill-on-Sea ...	-	59	46	o, bc, c	0.1
	Skegness ...	-	56	53	ang	0.0		Eastbourne ...	-	61	44	bc	1.6
Eng. N.W.	Morecambe ...	-	55	42	bc, b	6.2		Seaford ...	-	59	46	om, bc	1.3
	Blackpool ...	0.1	58	37	ofe, b	6.2		Brighton ...	-	59	46	om, bc	1.5
	Southport ...	0.3	56	41	ofe, bc, b	4.7		Worthing ...	-	60	46	m, bc	1.5
Midlands.	Buxton ...	-	58	39	bc	3.7	England, S.W.	Littlehampton ...	-	57	45	o	0.6
	Leamington Spa ...	1	58	51	fo	0.0		Bognor ...	-	58	49	o	2.0
	Malvern ...	-	55	48	m	0.0		Southsea ...	-	61	46	o	0.5
	Ross-on-Wye ...	-	55	48	o	0.0		Bournemouth ...	-	61	46	o	0.5
Wales.	Rhyl ...	-	57	37	bc	7.8	England, S.W.	Weymouth ...	-	64	52	3, bc, c	1.3
	Colwyn Bay ...	-	56	40	bc	9.2		Torquay ...	0.2	58	54	o	0.1
	Llandudno ...	-	58	41	c, bc	9.5		Paignton ...	-	58	54	o	0.0
	Aberystwyth ...	-	62	36	bc	9.3		Falmouth ...	-	62	48	bc, b	7.2
England, E.	Tenby ...	-	62	36	bc	9.3	England, S.W.	Penzance ...	-	63	48	bc, b	10.0
	Cromer ...	-	60	50	ccom	1.1		Newquay ...	-	57	42	o	7.6
	Lowestoft ...	-	59	49	bc, bc, c	2.9		Ilfracombe ...	-	60	48	bc, b	8.5
	Felixstowe ...	0.2	59	41	bc, m	4.7		Weston-super-Mare ...	0.3	57	50	o	0.0
England, E.	Walton-on-Naze ...	1	58	44	bc, m	3.8							
	Southend-on-Sea ...	-	57	44	m, bc	0.2							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day. Hr.	TEMPERATURE.			Rain- fall. mm.†	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.		Min. on Grass.		Fore- noon.		Night.
	%	%		° F.	° F.	° F.		° F.	° F.	° F.
Greenwich (Royal Obs.) ...	93	91	0.1	55	45	38	-	bc, m	8.0	6.0
City (Bunhill Row) ...	*	*	0.9	*	*	*	*	*	*	*
Westminster (St. James's Pl.)	89	89	1.1	58	50	45	-	o	0.0	0
Camden Sq. (Brit. Rainfall)	86	90	2.3	61	47	43	-	bc, m	bc, m	*
Hampstead (Reservoir) ...	*	98	3.9	59	49	33	-	bc	om, c	0
Richmond Park ...	*	*	0.4							
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
				Total.		Average Rate.		Max. Rate.		
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				37.1 Joules		9.7 Milliwatts.		24 Milliwatts.		
S. Kensington (Roof of M.O.)				80		86		0.3		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL. mm.†	TEMPERATURE.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	Sun- shine for Yester- day. Hr.
		Max.	Min.					
		° F.	° F.					
Dublin to 4 p.m.	-	57	48	42	bc	bc	bc	*
Darwen to 9 p.m.	-							
Manchester	0.1	52	44	*	ofw	of	ofw	0.0
Birmingham								
Oxford to 8 p.m.	*	57	54	53	o	o	o	*
Teignmouth to 9,,	3	58	54	53	o, o	o, c	c	0.0
Plymouth								
S. Kensington (Museum Grounds to 6 p.m.)	-	59	49	39	tmw, bc, m	bc, m	bc, m	*

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

	Sunrise.	Noon.	Sunset.
16 <sup>th</sup> 17 <sup>th</sup> Oct. 1915.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	6.22	11.39	4.55
Greenwich ...	6.23	11.39	4.53
Wick ...	6.27	11.46	5.4
Valencia ...	6.28	11.45	5.2
	6.52	11.58	5.3
	6.54	11.57	5.1
	7.9	12.37	5.44
	7.10	12.26	5.42

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 60° in many parts of the Kingdom, and touched 66° at Jersey. Much bright sunshine was experienced in the west and north, very little elsewhere. Over a wide area in the north a brilliant display of aurora was observed at night.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 290.

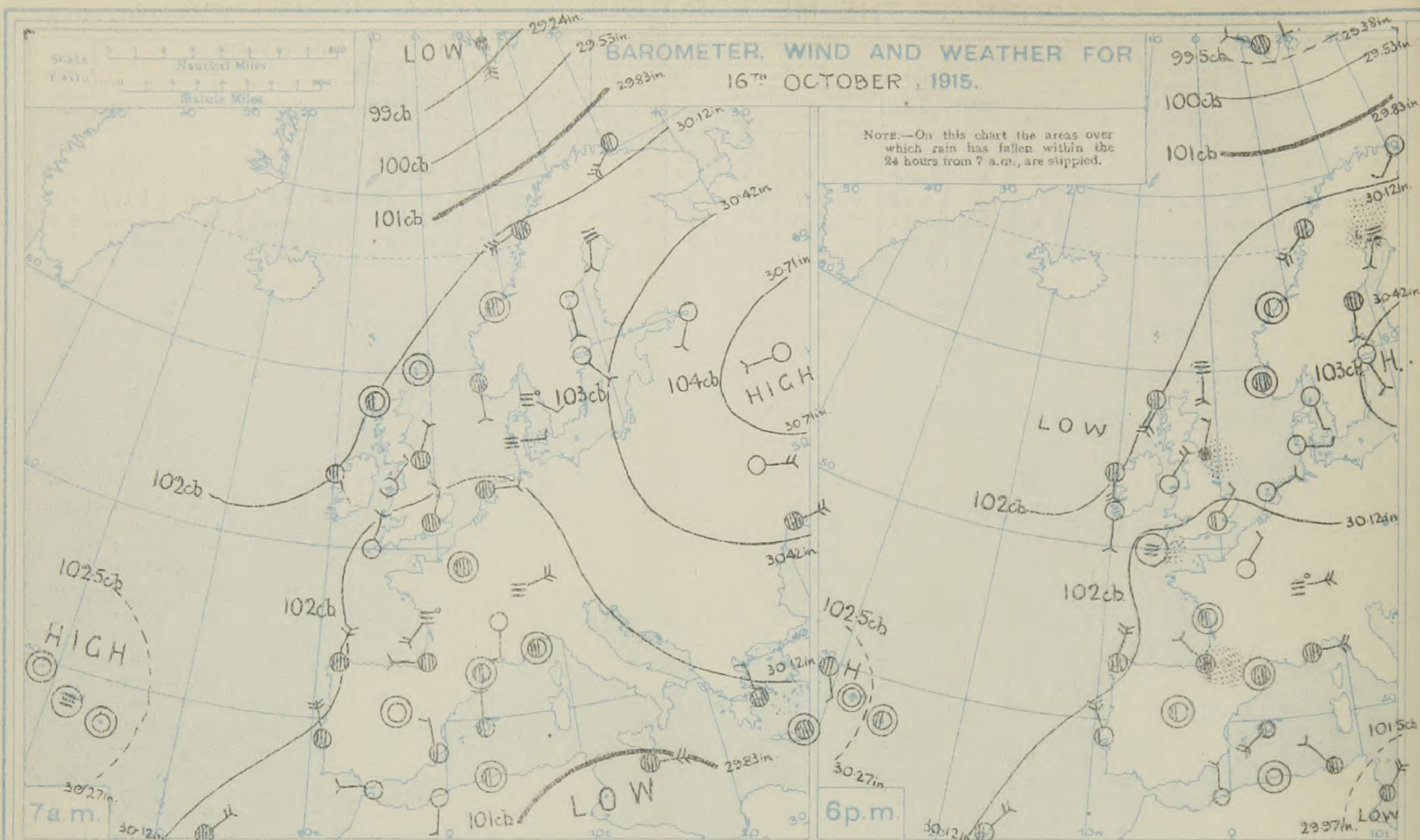
Sunday.  
14th October, 1915.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.	
	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.				
			Dir.	Force 0-12.						Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.																						
Lerwick	1022.7	47	S	3	f	1022.6	0	47	+2	S	3	-	om	2	0.2	52	44	bm.f	f	om	Hours.	
Deerness	1021.7	49	SE	2	b	1020.3	-1	48	+3	SSE	4	-	m	4	-	56	47	b	b	bf.m	9.4	
Stornoway	1020.1	53	SSW	4	cg	1017.5	-1	51	+11	S	6	-	bcy	5	-	56	40	bc	bcy	b.bcy	1.4	
Castlebay (Barra Isd.)	1019.6	54	S	3	bc	1017.2	-1	53	+1	SSE	4	-	om	4	0.1	56	51	opm.c	c.bc	b.om	3.4	
Glasgow	1022.2	46	ENE	3	b	1022.3	0	44	+5	E	1	-	o	-	Trace	54	38	m.bz	bz.bcm	m.ccm	2.7	
Eskdalemuir	1022.8	44	NNE	1	bcm	1022.8	0	45	+6	N	2	-	om	-	-	56	38	bx-bzb	b.bcm	bcm.om	8.3	
Malin Head	1020.6	52	S	2	bcy,m	1018.8	0	48	+2	S	4	-	bm	3	-	59	47	bc	bcy	bm	5.8	
Blacksod Point	1019.3	52	S	3	cm	1016.5	-2	54	+4	S	5	S	cg	3	3	56	48	cnp	cm	bc.cq/a	9.1	
Valencia	1020.8	51	S	2	b	1019.9	0	53	+10	SE	3	NW	bc	3	-	60	41	b	b	b.bc.c	9.1	
Roche's Point	1021.8	51	N	1	b	1022.4	0	44	-3	NNE	1	-	f	1	-	59	43	fe.bc	bc.b	b.fe	8.8	
Birr Castle	1020.4	49	SE	1	bc	1020.6	0	43	+9	S	1	-	f	-	-	59	34	bc	bc	f	8.8	
Donaghadee	1020.6	50	NE	1	bm	1020.8	0	44	-1	SW	1	-	ofe	1	0.3	55	43	bf	bm	bf.ofe	1.5	
Liverpool (Bidston)	1021.0	52	N	1	o	1021.9	0	43	-6	ESE	2	-	m	1	-	54	43	f	bm	cm	7.5	
Holyhead	1020.6	55	NE	3	bm	1021.2	+1	46	-5	-	0	-	bwm	0	Trace	59	45	bm	bm	bwm	1.5	
Pembroke (St. Ann's)	1020.5	55	-	0	cm	1021.6	+1	46	-5	NNE	1	-	om w	1	0.1	58	46	cm	cm	cm	1.5	
Scilly (St. Mary's)	1018.9	55	-	0	f	1020.2	0	52	0	ENE	1	-	bcfe	3	-	57	49	om	om f	om.bfe	1.6	
Falmouth	1019.3	54	ENE	2	ogm	1021.0	+2	48	-2	NNW	1	-	m	3	4	56	47	c.ogm	rg.dgm	o.bzw	0.0	
Jersey (St. Aubin)	1017.9	57	NE	2	om	1019.9	0	50	-3	E	2	-	om	1	-	62	46	om	o.cm	bw.om	1.5	
Portland Bill	1019.3	58	ENE	2	c	1020.6	+2	51	-4	NE	3	NE	CZ	2	-	60	50	c.bc	b.b.c	b.b.c	0.0	
Dungeness	1018.6	56	NE	1	CZ	1020.3	+1	52	-1	N	2	-	f	2	Trace	58	47	oz	o.bez	bc.ofe	0.0	
Dover	1018.9	53	NNW	1	bc	1021.0	+1	51	-2	-	0	-	f	2	0.2	58	47	moc	c.bc	bc.bfw	0.0	
Wick	1022.0	50	SSE	1	bc	1020.3	0	47	+10	SSE	3	S	o	3	Trace	52	37	bc	bc	f.om	9.4	
Nairn	1021.4	45	-	0	b	1020.8	0	36	+1	-	0	-	b	1	-	52	33	b	b	bx	7.6	
Aberdeen	1023.0	50	SSE	2	cm	1022.8	0	48	+12	SSW	3	-	o	2	-	60	36	b	b	om	0.0	
Leith	1021.3	48	ESE	1	c	1021.5	0	43	+2	-	0	-	o	-	-	50	36	bc.co	oz.c	c.oz	0.0	
Tynemouth	1021.9	51	NNE	1	o.d.m	1021.7	0	50	+2	W	1	-	om	2	1	51	47	agm	omd	omd	0.4	
Spurn Head	1020.9	55	NNE	2	om	1022.2	0	53	-1	NE	3	-	om	3	Trace	58	53	f.bcm	bc.om	cm	0.4	
Yarmouth	1018.8	56	NNE	2	o	1021.0	+2	55	+2	SE	2	SE	b	3	-	59	53	bcm	om	cm.bc	0.0	
Clacton-on-Sea	1019.3	56	N	1	o	1020.8	+1	55	+2	E	2	E	o	2	-	61	50	c	c.o	og	2.1	
Nottingham	1020.9	52	NNE	1	o	1022.1	0	51	+2	N	1	-	om	-	-	56	49	om	o.c	o	0.0	
Bath	1020.0	51	E	1	b	1022.0	0	49	-4	NE	1	NE	o	-	-	59	43	m.o	o.c.bcm	m.bc.co	0.0	
Sth Farnborough	1019.6	55	N	1	o	1020.9	+1	51	-1	-	0	-	om	-	-	59	47	om	m.oZ	om	0.1	
London (Kew Obsy.)	1019.9	54	NE	1	bcm	1021.4	+1	52	0	NE	1	-	om	-	-	58	50	om	om.o.bcm	bcm.om	0.0	
NORTHERN EUROPE.																						
Spitsbergen	991.7	36	WNW	2	o	1003.7	+8	25	-8	NW	8	-	o	-	-	37	25	-	-	-	-	
Vardø	1015.7	39	SW	1	b	1019.8	+3	41	+2	WNW	5	-	c	3	-	41	36	-	-	-	-	
Bodø	1024.0	48	SW	4	c	1029.6	+2	45	-3	E	2	-	c	2	-	48	43	-	-	-	-	
Christiansund	1025.9	46	-	0	b	1025.7	0	41	-5	-	0	-	b	3	-	50	41	-	-	-	-	
Skudesnaes	1024.4	50	-	0	o	1025.9	0	50	-2	SSE	5	-	C	4	-	54	50	-	-	-	-	
Færder (X'ania Fjord)	1026.9	48	SE	1	bc	1029.2	+3	43	-7	ENE	3	-	o	2	-	50	41	-	-	-	-	
The Scaw (Skagen)	1025.2	46	SSE	1	b	1027.1	+1	46	-6	E	3	-	o	3	-	54	45	-	-	-	-	
Blaavands Huk	1022.9	41	E	1	b	1024.4	0	39	-9	E	2	-	bc	2	-	55	36	-	-	-	-	
Haparanda	1025.5	43	SSW	2	f	1030.7	+4	32	-9	NE	2	-	f	-	1	43	30	-	-	-	-	
Hernösand	1028.8	46	S	2	o	1032.6	+3	41	-5	SW	2	-	o	-	-	48	36	-	-	-	-	
Stockholm	1030.0	41	SSE	2	b	1031.5	+1	43	0	SE	2	-	c	-	-	50	41	-	-	-	-	
Wisby	1029.6	45	S	2	bc	1031.8	+2	41	-4	ESE	2	-	o	1	-	48	36	-	-	-	-	
Karlstad	1027.5	45	-	0	b	1030.3	+3	43	-5	-	0	-	o	-	-	50	37	-	-	-	-	
Petrograd (G.M.T.)	1038.6	37	S	2	b	1039.3	0	32	-7	S	2	-	b	-	-	50	32	-	-	-	-	
FRANCE, &c.																						
The Helder	1020.3	52	ENE	2	b	1022.0	+2	45	-7	E	2	-	bc	1	-	55	45	-	-	-	-	
C. Gris Nez	1018.7	55	ENE	2	o	1020.6	+1	50	-1	SE	2	-	o	2	-	57	48	-	-	-	-	
La Hève	1018.0	54	NNE	1	m	1018.3	0	48	-2	-	0	-	m	0	-	59	45	-	-	-	-	
Ushant	1017.7	57	NE	3	o	1019.5	0	55	-2	NE	1	-	c	5	-	63	50	-	-	-	-	
Brest (St. Mathieu)	1019.7	59	N	3	c	1020.0	+2	54	0	E	2	-	m	3	-	61	52	-	-	-	-	
Rochefort (Île d'Aix)	1017.5	54	-	0	bc	1019.7	+2	50	+1	ESE	3	-	m	-	-	?	?	-	-	-	-	
Biarritz	1018.8	60	NW	2	o	1018.9	+2	57	-3	NW	2	-	r	3	9	63	57	-	-	-	-	
Paris	1018.4	48	NE	1	b	1020.4	+2	45	-3	NE	1	-	f	-	-	57	45	-	-	-	-	
Belfort	1019.1	47	E	4	m	1023.4	0	43	+5	ENE	2	-	m	-	-	57	36	-	-	-	-	
Lyons	1018.4	50	NW	2	b	1021.1	0	40	-6	-	0	-	f	-	-	58	39	-	-	-	-	
Nice	1016.7	56	E	4	o	1019.4	+3	57	+2	-	0	-	c	2	-	64	54	-	-	-	-	
Perpignan	1016.2	59	-	0	o	1019.4	+3	57	+3	E	1	SW	o	-	-	70	54	-	-	-	-	
Sanguinaire																						
SOUTHERN EUROPE.																						
Corunna (7 a.m.)	1020.2	61	NNE	4	c	1021.5	+2	52	-7	SE	3	-	o	4	-	63	48	-	-	-	-	
Madrid (8 a.m.)	1013.2	66	-	0	bc	1019.0	+2	52	-11	-	0	-	b	-	-	68	48	-	-	-	-	
Lisbon (9 a.m.)	1016.3	63	NNW	5	b	1018.4	+2	57	-4	NNW	4	-	b	5	-	68	57	-	-	-	-	
Gibraltar																						
Rome																						
Malta (8 a.m.)						1012.6	+3	68	-4	NE	4	-	b	6	-	73	68	-	-	-	-	
Azores (Horta, 8 a.m.)	1025.2	0	-																			

## RAINFALL.

Equivalents of Millimetres.  
in inches.

mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	



### FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

#### FORECAST DISTRICTS.



#### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

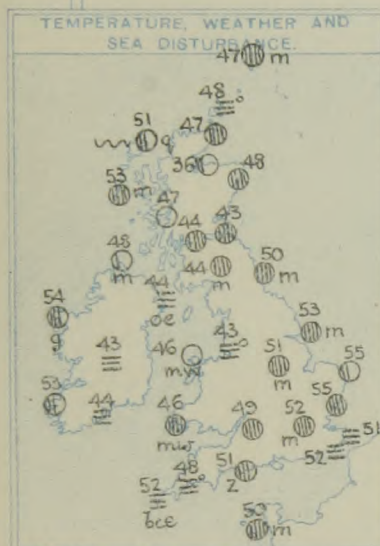
No Warnings Issued.

Western Channel and Bay

- |   |   |   |
|---|---|---|
| 0 | a | } Southerly winds, moderate to fresh or strong; some mist, showers later; mild.                               |
|   | b |   |
| 1 | a | } Southerly winds, light to moderate; cloudy, local showers later; mild.                                      |
|   | b |   |
| 2 | a | } Light variable winds; mist or fog in places; moderate temperature.  |
|   | b |   |
| 3 | a | } Light winds, mainly between North and East; some fog or mist locally, otherwise fair, moderate temperature. |
|   | b |   |
| 4 | a | } Same as No 1.   |
|   | b |   |
| 5 | a | } Light variable to Southerly winds; mostly fair, some mist or fog; moderate temperature.                     |
|   | b |   |
| 6 | a | } Light winds between North-East and East; fair generally, some mist or fog locally; moderate temperature.    |
|   | b |   |
| 7 | a | } Southerly winds, increasing; cloudy to dull, some rain in west, mist locally; mild.                         |
|   | b |   |
| 8 | a | } North-Easterly or Easterly winds, light; some mist or fog; otherwise fair; sea slight or smooth.            |
|   | b |   |

#### FURTHER OUTLOOK.

The anticyclonic conditions will continue over the greater part of the kingdom.



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

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

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

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

Isotherms shown by dotted lines.

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

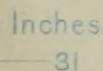
 clear sky.  sky  $\frac{1}{2}$  clouded.  sky  $\frac{1}{4}$  clouded.

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

 snow.  hail  $\equiv$  fog.  $\equiv$  mist. T, thunder.

 Ts, thunderstorm.

**SEA DISTURBANCE.**—Rough  High 



## DAILY WEATHER REPORT.

Sunday, 17th October, 1915.

REPORTS  
FOR  
YESTERDAY.

16th October 1915

## STATIONS.

## EVENING OBSERVATIONS.

BAROM.	TEMP.	WIND.	WEATHER.
Milli- bars at M.S.L.	° F.	Dirac. Force 0-12.	

Petrograd  
Madrid  
Lisbon

1035.4	41	SSW 3	b
1012.6	68	SW 1	c
1015.9	61	NNW 5	b

## OBSERVATIONS AT 7 A.M., G.M.T.

BAROMETER.	TEMP.	WIND.	Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall, Milli- metres.	TEMP.
Milli- bars at M.S.L.	Dry Bulb. ° F.	Change in 3 hours.	Dirac. Force 0-12.				Max. Min.

1026.4	+1	29	+3	SW 2	-	b	46 34
1016.7	+3	63	+6	-	0	b	70 46
1016.9	61	0	NNW 4	-	c	5	68 59

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		° F.	° F.				England, S.E.		° F.	° F.			
(Oban ... ..)	-	59	37	b	b	7.6	Tunbridge Wells ... ..	-	58	47	o.m.o	o.m	0.0
(Banff ... ..)	-	59	31	bz	bz	9.0	Margate ... ..	-	58	52	c	c	0.8
(Carnoustie ... ..)	-						Ramsgate ... ..	-	58	51	oz	z.be	1.2
(St. Andrews ... ..)	-						Hastings ... ..	-	59	52	o	o	0.0
Eng. N.E.							Bexhill-on-Sea ... ..	-					
(Harrogate ... ..)	2	59	42	od	om	0.0	Eastbourne ... ..	-					
(Skegness ... ..)	-	58	51	o.be	bc.o	3.8	Seaford ... ..	1	60	52	o	o	0.0
Eng. N.W.							Brighton ... ..	-	61	51	o.c	c.m	0.5
(Morecambe ... ..)	-						Worthing ... ..	-	60	49	c	c	1.5
(Blackpool ... ..)	0.3	57	37	bz.b	bc.b	6.4	Littlehampton ... ..	-					
(Southport ... ..)	-	55	38	b	bm	4.2	Bognor ... ..	-	60	48	o.b.c	o	1.7
Midlands.							Southsea ... ..	-					
(Buxton ... ..)	-	54	37	cm	bc	1.1	Bournemouth ... ..	-	59	48	w.o	o.c	1.3
(Leamington Spa ... ..)	0.4	57	52	c	c	0.8	Weymouth ... ..	-	62	52	z.be	bc.bz	2.7
(Malvern ... ..)	-						Torquay ... ..	1	60	54	o	c.o	0.3
(Ross-on-Wye ... ..)	1	57	49	o	o	0.0	Paignton ... ..	1	60	54	of.be	bc.c	0.8
Wales.							Falmouth ... ..	-					
(Rhyl ... ..)	-	56	39	bc.b	b.be	6.2	Penzance ... ..	0.2	58	49	oz	or.f	0.0
(Colwyn Bay ... ..)	-						Newquay ... ..	-					
(Llandudno ... ..)	-						Ilfracombe ... ..	-	57	54	o	z	0.0
(Aberystwyth ... ..)	-	58	48	o	o	2.5	Weston-super-Mare ... ..	-					
(Tenby ... ..)	-	59	46	bc	bc.o	2.5							
England, E.													
(Cromer ... ..)	-	57	52	o.c.m	om	0.5							
(Lowestoft ... ..)	-												
(Felixstowe ... ..)	-	60	48	bcm	om	1.7							
(Walton-on-Naze ... ..)	-	60	49	bcm	bc.c.m	2.3							
(Southend-on-Sea ... ..)	-	59	45	c.o	o	0.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obsy.) ...	%	%	Hr.	* F.	* F.	* F.	mm. -			
City (Bunhill Row) ...	74	92	0.0	58	51	48	-	om	om	om
Westminster (St. James's Pk.)	%	%	0.0	%	%	%	%	%	%	%
Camden Sq. (Brit. Rainfall)	78	96	0.0	59	53	50	-	om	om	om
Hampstead (Reservoir) ...	76	89	0.0	59	50	?	-	om. 0	0	%
Richmond Park	%	86	0.0	56	48	39	-	c. 0	om	om
Kew. (See front page.)	%	%	0.0	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	72	86	0.0	266 Joules		6.9 Milli-watts.		13 Milli-watts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	mm.⁹	° F.	° F.	° F.				Hr.
Darwen to 9 p.m.	-	56	41	37	b.fw	f. bc	bc	8
Manchester "	-	55	41	34	b.cw	bc	bc o	1.6
Birmingham "	0.1	57	36	?	c.ofw	of.m	o.c.of	0.6
Oxford to 8 p.m.	-	54	49	47	*		a.m	0.0
Teignmouth to 9,,	*	57	49	42	o	o	o.c	*
Plymouth "	0.3	60	54	53	c.om	o	bc	1.6
S. Kensington	1	57	51	*	o	op	o	0.0
(Museum Grounds to 6 p.m.)	-	58	51	40	om	om om	o. bcw	*

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

17th October, 1915.			Sunrise.	Noon.	Sunset.
			G.M.T.	G.M.T.	G.M.T.
Yarmouth ... ..	...	...	6.23	11.38	4.53
Greenwich ... ..	...	...	6.25	11.40	4.51
Wick ... ..	...	...	6.54	11.57	4.11
Valencia ... ..	...	...	7.12	12.24	5.42

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 60° in many parts of the Kingdom, but the minimum readings of the night were low for the time of year in some Scottish localities. The weather was very dry generally, but except at some northern and western stations there was very little sunshine.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

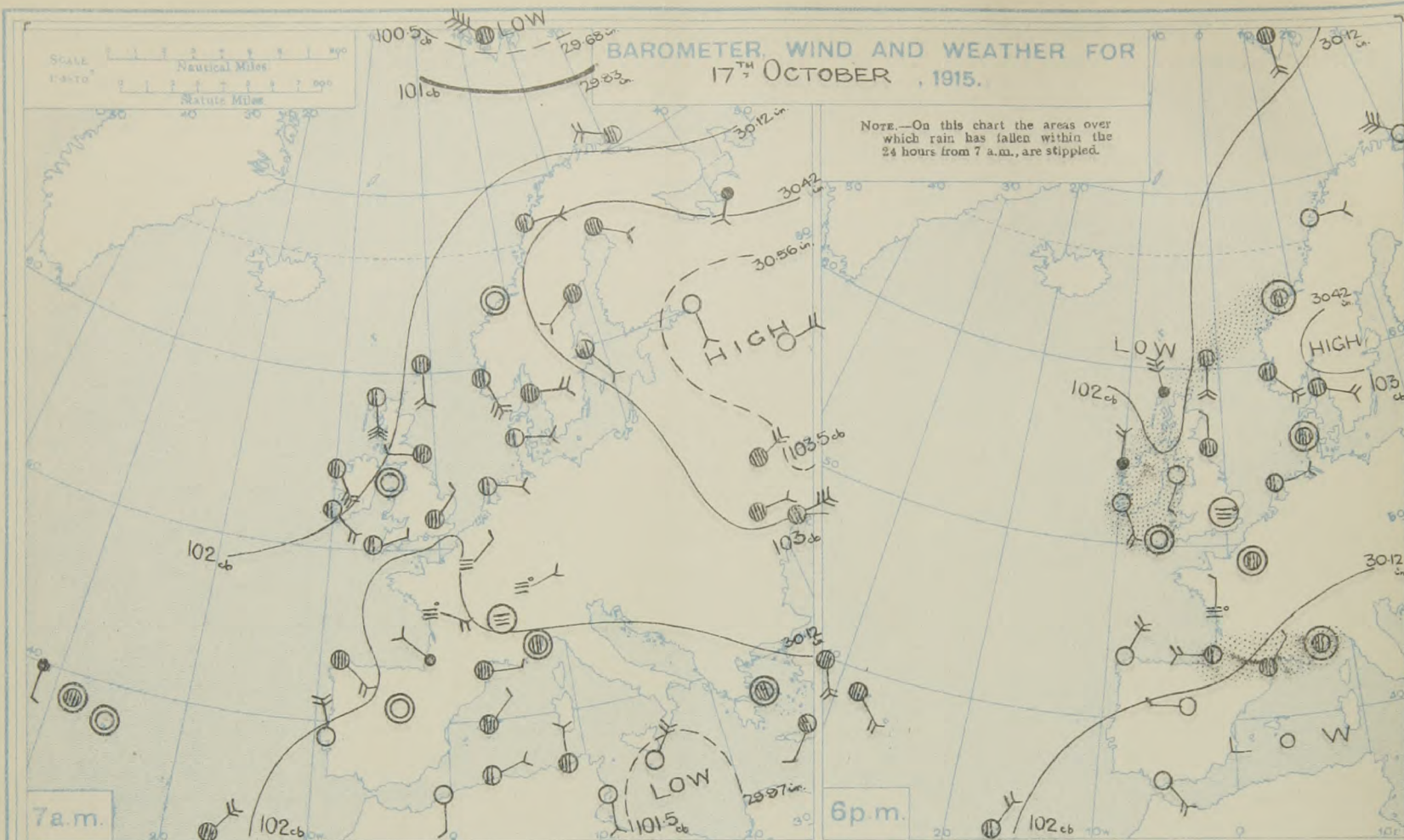
## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 291.

Monday,  
18th October, 1915.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.	
	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 0-3.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
			Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick	1021.2	50	S	4	om	1024.4	+2	49	+2	NW	3	-	om	2	2	51	46	om	o cm	omr	Hours.
	Deerness	1020.0	51	S	4	bc	1025.7	+2	50	+2	N	3	-	f	2	3	52	48	m bc b	b bc.	bc or	5.8
	Stornoway	1018.9	51	NW	5	org	1028.3	+5	43	-8	NW	3	-	b	3	8	54	43	bc org	org	or b	0.0
	Castlebay (Barra Isd.)	1019.6	50	NW	3	r	1028.1	+5	50	-3	NNW	3	NW	c	3	9	54	48	om omp	omp r	o p c	0.0
	Glasgow	1022.7	49	E	1	o	1025.3	+2	49	+5	E	1	-	omd	*	3	52	43	o cm	og m	omp or	0.7
	Esksdalemuir	1023.8	48	-	0	om	1026.3	+2	48	+3	-	0	-	omd	*	1	54	45	o oz	og om	om	1.3
	Malin Head	1019.3	53	SSW	4	cm	1027.4	+2	51	+3	N	4	NE	bc	4	1	55	48	cg	cm p	og	1.2
	Blacksod Point	1021.5	51	N	3	cmr	1025.3	+4	49	-5	N	3	N	bc p	3	4	56	45	cg p	cmr	cg bc p	*
	Valencia	1022.1	56	SSE	3	o	1025.0	+2	52	-1	NE	4	E	r	4	15	61	52	bc c o	op	op r or	2.5
	Roche's Point	1024.7	55	SW	1	bc	1026.2	*	56	+12	S	1	-	o	1	0.2	60	43	fe c	c bc.	bc o	*
	Birr Castle	1022.7	54	S	1	c	1026.8	*	51	+8	N	1	-	r	1	1	61	43	c	c	o or	6.7
	Donaghadee	1021.9	50	SSW	3	cm	1025.5	+3	52	+8	N	4	N	omr	3	5	56	41	*	bc m cm	om omr	*
	Liverpool (Bidston)	1023.5	51	SE	2	b	1026.5	+2	43	0	SSE	2	-	f	1	-	57	42	f m b	b	bm f	7.4
	Holyhead	1022.9	53	SSW	1	bm	1026.0	+2	54	+8	SSW	3	-	amw	2	Trace	59	44	bm	bm	bubow	5.4
	Pembroke (St. Ann's)	1022.8	55	S	1	bm	1026.6	+1	50	+4	E	1	-	f	1	0.1	58	45	bc m	bm	f	7.5
	Scilly (St. Mary's)	1023.0	55	-	0	bm	1025.2	+1	52	0	ESE	1	-	bc m	2	0.2	61	50	bm	bm	bm fe	6.3
	Falmouth	1024.3	52	SE	1	m	1026.1	+1	46	-2	NE	1	-	fe	3	Trace	60	43	b	b bc bz	bm ofe	7.5
	Jersey (St. Aubin)	1022.0	57	N	2	bc m	1025.2	*	50	0	NE	1	-	ome	0	-	60	46	om c	c bc m	bm om	0.2
	Portland Bill	1021.9	54	NNE	2	cg	1025.3	+1	51	0	NE	4	-	om	3	-	57	50	bc c	c o c	c o	*
	Dungeness	1022.7	55	NNE	2	bc	1025.1	+2	49	-3	NNE	2	NE	bc z	2	-	58	49	f	f c bc.	b bc.	*
	Dover	1023.5	48	NE	1	bc z	1025.3	+1	49	-2	NW	3	NW	bc	2	?	57	49	m c o	c bc	bc	0.2
	Wick	1019.8	52	S	3	c	1025.8	+4	48	+1	NNW	3	-	r	3	4	52	46	o bc m	bc cm	bc or	*
	Nairn	1020.1	50	S	1	c	1026.7	*	47	+11	-	0	-	od	1	9	57	36	bc	bc cm	r c o	5.5
	Aberdeen	1022.9	50	S	2	bc	1026.0	+4	45	-3	-	0	-	om p	2	-	55	43	og c	c bc	bc om	2.8
	Leith	1021.2	52	ESE	1	c	1025.2	+2	50	+7	E	1	-	mr	*	1	54	43	o c	cg	cg	*
	Tynemouth	1023.4	52	N	1	og m	1025.8	+3	43	-7	-	0	-	bc p	2	-	54	41	og m	og m	cg	*
	Spurn Head	1024.1	54	-	0	bc m	1026.6	+4	55	+2	WNW	2	-	cfe	2	0.1	57	49	om c	bc m	c om	2.2
Yarmouth	1023.9	52	SE	3	bc	1026.0	+2	50	-5	NNE	1	NE	cm	2	-	61	47	bc	bc m.	bc m bc	1.6	
Clacton-on-Sea	1023.5	54	E	3	o	1026.1	+2	48	-7	N	2	N	c	1	-	59	45	og bc	bc c o	o c	2.1	
Nottingham	1024.0	53	E	1	c	1027.2	*	42	-9	W	1	-	f	*	-	57	41	o	o c	c bc m	0.2	
Bath	1023.3	51	NE	1	o	1026.3	*	45	-4	NW	*	-	f	*	-	58	43	m og	og	o cm	0.0	
St. Farnborough	1023.1	55	-	0	m	1026.3	+2	46	-	-	0	-	fe	*	-	60	45	o cz	og	ofe	1.5	
London (Kew Obs.)	1023.6	53	-	0	m	1026.8	+1	48	-4	-	0	-	fw	*	-	58	45	om cm	om m	om fw	0.2	
NORTHERN EUROPE.	Spitsbergen	1017.7	27	S	4	o	1012.7	-2	37	+14	S	6	*	r	*	*	37	23	*	*	*	*
	Vardø	1026.4	41	NW	6	b	1030.4	+3	41	0	NNW	2	-	o	2	*	41	39	*	*	*	*
	Bodø	1028.4	45	E	2	b	1029.7	0	45	0	E	2	-	bc	2	-	48	41	*	*	*	*
	Christiansund	1026.7	48	-	0	c	1029.1	+1	48	+7	SE	1	-	a	2	2	50	41	*	*	*	*
	Skudesnaes	1027.5	50	SE	4	o	1028.4	0	48	-2	ESE	5	-	o	4	-	52	?	*	*	*	*
	Færder (X'ania Fjord)	1034.6	46	NE	1	o	1031.3	+2	45	+2	ENE	4	-	o	2	-	46	43	*	*	*	*
	The Scaw (Skagen)	1028.0	48	ESE	3	o	1028.4	+2	46	0	ESE	2	-	o	2	-	48	46	*	*	*	*
	Blaavands Huk	1025.7	46	-	0	o	1027.1	+1	45	+6	ENE	1	-	o	1	-	50	37	*	*	*	*
	Haparanda†	1023.7	39	SSE	2	f	1024.6	0	41	+9	SW	2	-	a	*	Trace	41	32	*	*	*	*
	Hernösand†	1023.5	45	S	2	o	1035.1	+2	43	+2	S	2	-	o	*	-	45	39	*	*	*	*
FRANCE, &c.	Stockholm†	1022.4	43	SE	2	o	1032.3	0	41	-2	E	2	-	c	2	-	42	39	*	*	*	*
	Wisby†	1031.4	41	SSE	2	bc	1031.0	0	39	-2	E	2	SE	b	*	-	43	36	*	*	*	*
	Karlstad†	1021.4	45	-	0	o	1032.0	+1	43	0	-	0	-	o	*	-	48	41	*	*	*	*
	Petrograd (S.M.T.)	1025.7	46	-	0	o	1027.1	+1	45	+6	ENE	1	-	o	1	-	50	37	*	*	*	*
	The Helder	1024.3	46	ENE	2	bc	1024.6	+2	45	0	SW	1	-	c	0	-	50	41	*	*	*	*
	C. Gris Nez	1023.5	54	NE	1	c	1025.2	+1	46	-4	E	1	*	o	1	-	57	45	*	*	*	*
	La Hève	1022.0	52	NNE	2	m	1026.1	*	46	-2	ENE	2	*	m	1	1	59	45	*	*	*	*
	Ushant	1024.0	55	NE	3	b	1026.4	+1	50	-4	E	2	*	b	2	-	68	50	*	*	*	*
	Brest (St. Mathieu)	1022.1	54	N	1	m	1024.8	0	49	-1	ENE	3	*	m	*	-	55	48	*	*	*	*
	Rochefort (Ile d'Aix)	1021.7	58	W	3	bc	1023.1	0	54	-3	SE	2	*	r	3	22	61	54	*	*	*	*
SOUTHERN EUROPE.	Biarritz	1021.7	58	W	3	bc	1023.1	0	54	-3	SE	2	*	r	3	22	61	54	*	*	*	*
	Paris	1022.6	48	NE	1	o	1024.8	+2	45	0	NNE	2	-	o	*	-	50	45	*	*	*	*
	Belfort	1022.6	48	NE	1	o	1024.8	+2	45	0	NNE	2	-	o	*	-	50	45	*	*	*	*
	Lyons	1022.6	48	NE	1	o	1024.8	+2	45	0	NNE	2	-	o	*	-	50	45	*	*	*	*
	Nice	1018.9	56	-	0	c	1019.5	0	54	-3	-	0	*	r	2	Trace	64	54	*	*	*	*
	Perpignan	1019.4	68	NE	1	o	1021.3	+2	57	0	NW	3	W	c	*	5	66	54	*	*	*	*
	Sanguinaire	1019.4	68	NE	1	o	1021.3	+2	57	0	NW	3	W	c	*	5	66	54	*	*	*	*
	Corunna (7 a.m.)	1022.9	61	NNE	4	b	1025.9	+1	45	-4	ESE	2	-	m	3	-	63	46	*	*	*	*
	Madrid (8 a.m.)	1017.2	64	W	1	b	1024.6	+2	48	-4	NNE	1	-	b	*	-	60	45	*	*	*	*
	Lisbon (9 a.m.)	1018.6	64	SE	3	b	1018.9	*	62	*	E	3	*	f	1	-	71	60	*	*	*	*
SOUTHERN EUROPE.	Gibraltar	1018.6	64	SE	3	b	1018.9	*	62	*	E	3	*	f	1	-	71	60	*	*	*	*
	Rome	1018.6	64	SE	3	b	1018.9	*	62	*	E	3	*	f	1	-	71	60	*	*	*	*
	Malta (8 a.m.)	*	*	*	*	*	1017.7	+1	70	+2	SE	2	-	bc	1	-	73	66	*	*	*	*
	Azores (Horta, 8 a.m.)	1024.7	*	SE	3	o	1024.7	+1	64	+5	SSE	4	*	c	3	4	72	59	*	*	*	*
	Madeira (Funchal)	1020.3	68	NE	3	bc	1022.0	+1	64	+1	NE	4	-	r	4	?	72	63	*	*	*	*

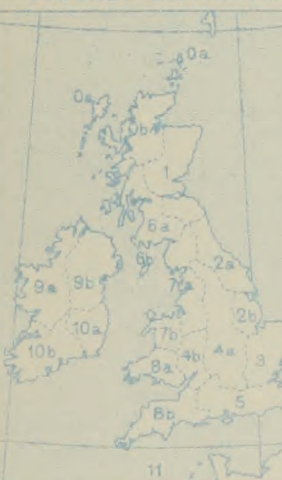
RAINFALL.  
Equivalents of Millimetres.  
in Inches.

mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97



FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

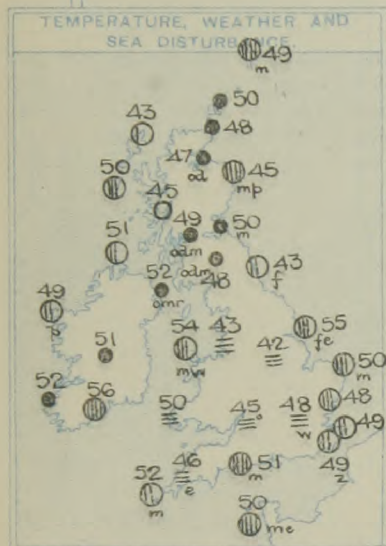
Western Channel and Bay 11

- |    |   |   |   |
|----|---|---|---|
| 0  | a | } | Northerly winds, moderate or light; rainy, some mist, then improving; rather cold.              |
|    | b |   |   |
| 1  |   |   |   |
| 2  | a | } | Wind variable to Northerly, light; some fog and rain; rather cold.                              |
|    | b |   |   |
| 3  |   |   | Same as No. 5.  |
| 4  | a | } | Variable to light Northerly winds; much cloud, some mist, rain in north; rather cold.           |
|    | b |   |   |
| 5  |   |   | Wind light, mainly between North and North-East; much cloud; some mist or fog at times; colder. |
| 6  | a | } | Same as Nos. 0 and 1.   |
|    | b |   |   |
| 7  | a | } | Wind shifting to Northward, light or moderate; some mist and rain; then fairer and colder.      |
|    | b |   |   |
| 8  | a | } | Light winds between North and East; some fog or mist; rather cold.                              |
|    | b |   |   |
| 9  | a | } | Northerly winds, light or moderate; rainy or showery, then fairer; rather cold.                 |
|    | b |   |   |
| 10 | a | } | Light winds between North and East; sea slight or smooth; some mist or fog.                     |
|    | b |   |   |

FURTHER OUTLOOK.

## OCTOBER, 1915.

The V-shaped depression seems likely to move slowly Eastward and to become less important.



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

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

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

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

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

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

 overcast sky.  rain falling.

\* snow.  hail.  $\equiv$  fog.  $\overset{\circ}{\cap}$  mist.  $\top$  thunder.

$\nabla$  thunderstorm.

**SEA DISTURBANCE**.—Rough  High 

Monday, 18<sup>th</sup> October, 1915.

Station Date & Hour.		Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.	Comp. to E.	Comp. to N.		
		Benson 12h. 12h. 16m.		S. Farnborough 13h. 7h. 34m.		Falmouth 13h. 13h.		Benson 13h. 14h. 54m.		Aberdeen 14h. 8h.		Aberdeen 15h. 8h.		S. Farnborough 15h. 10h.		Falmouth 15h. 11h.		Eskdalemuir 16h. 7h.		Aberdeen 16h. 8h.	
Heights in Kilometres.	4			+8	-13																
	3.5							+6	-7												
	3			+6	-6			+8	-6									-2	-1		
	2.5	+9	+9																		
	2	+11	+16	+6	-2			+4	-6	+12	+19			-3	+1	-1	-1	-2	0	+3	+2
	1.5																				
1	+8	+15	+3	-5	+4	+4	+4	+1	+9	+3	+9	+8	-3	-1	0	0	-5	-1	+2	+4	
0.5	+6	+12	+3	-7	+3	+5	+2	+2	+9	+8	+6	+8	-1	-1	-3	-2	-4	-2	0	0	
0	0	+10	+4	-2	+1	+4	+1	+1	+1	+3	0	+1	0	-1	0	-4	0	0	+2	0	

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	mm. §	° F.	° F.			Hr.		mm. §	° F.	° F.			Hr.
{ Oban ... ..	-	56	44	bc	o	1.3	{ Tunbridge Wells ... ..	-	59	50	om. o	o. c. om	0.0
{ Banff ... ..	-	55	44	b	b. bc	7.9	{ Margate ... ..	-	58	51	c	c	1.4
{ Carnoustie ... ..							{ Ramsgate ... ..	-	56	48	mc	bc	2.8
{ St. Andrews ... ..				*	*		{ Hastings ... ..	-	59	51	o. bc	c. o	0.8
							{ Bexhill-on-Sea ... ..						
							{ Eastbourne ... ..	-	60	51	om	bcm	1.3
Eng. N.E.							{ Seaford ... ..						
{ Harrogate ... ..	0.2	53	49	o. c	c. bc	0.9	{ Brighton ... ..	-	60	52	o	o. c. om	1.4
{ Skegness ... ..	-	58	52	o. bc	o. bc. og	0.3	{ Worthing ... ..	-	60	51	c	bc. c	1.6
							{ Littlehampton ... ..	-	57	63	b	bc	1.8
Eng. N.W.							{ Bognor ... ..	-	60	49	o. bc. °	bc. o	2.4
{ Morecambe ... ..							{ Southsea ... ..	-	60	50	bc	o	1.5
{ Blackpool ... ..	0.3	59	44	ofe, bc	bc. bz	4.5	{ Bournemouth ... ..	-	59	49	c	c	1.5
{ Southport ... ..	-	59	41	f. b	bm	5.2							
Midlands.													
{ Buxton ... ..	-	57	49	c	c	0.4							
{ Leamington Spa ... ..	-	57	49	m	m	1.4							
{ Malvern ... ..	-	59	45	om	bc b	3.3							
{ Ross-on-Wye ... ..													
Wales.													
{ Rhyl ... ..	-	62	37	z. b	bez	7.0	{ Weymouth ... ..	-	59	49	c. bc	c. bc. z	1.5
{ Colwyn Bay ... ..	-	57	40	c. bc	bc. o	7.2	{ Torquay ... ..	-	56	47	o	c. bc. b	3.3
{ Llandudno ... ..							{ Paignton ... ..						
{ Aberystwyth ... ..	-	57	42	o. c. b	bc. o	6.5	{ Falmouth ... ..	-	60	47	b	b. bc. bz	7.5
{ Tenby ... ..							{ Penzance ... ..						
							{ Newquay ... ..	-	58	42	bz	bz	8.4
							{ Ilfracombe ... ..	-	58	45	b	bz	8.6
							{ Weston-super-Mare ... ..	-	56	47	o. c	bc. bn	1.5
England, E.													
{ Cromer ... ..	-	58	51	o. c. bcm	bcm	6.3							
{ Lowestoft ... ..													
{ Felixstowe ... ..	-	58	54	om	om	0.7							
{ Walton-on-Naze ... ..	-	60	51	om. c	c. b. c. o. c	1.2							
{ Southend-on-Sea ... ..	-	59	50	o. c	c. bc	1.9							

... 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 1915.	Sunrise.	Noon.	Sunset.
	G. M. T.	G. M. T.	G. M. T.
Yarmouth ... ..	6.35 6.36	11.38 11.38	4.51 4.50
Greenwich ... ..	6.30 6.31	11.45 11.45	5.0 4.59
Wick ... ..	6.56 6.58	11.8 11.8	4.55 4.55
Valencia ... ..	7.12 7.13	12.26 12.26	5.0 5.0

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

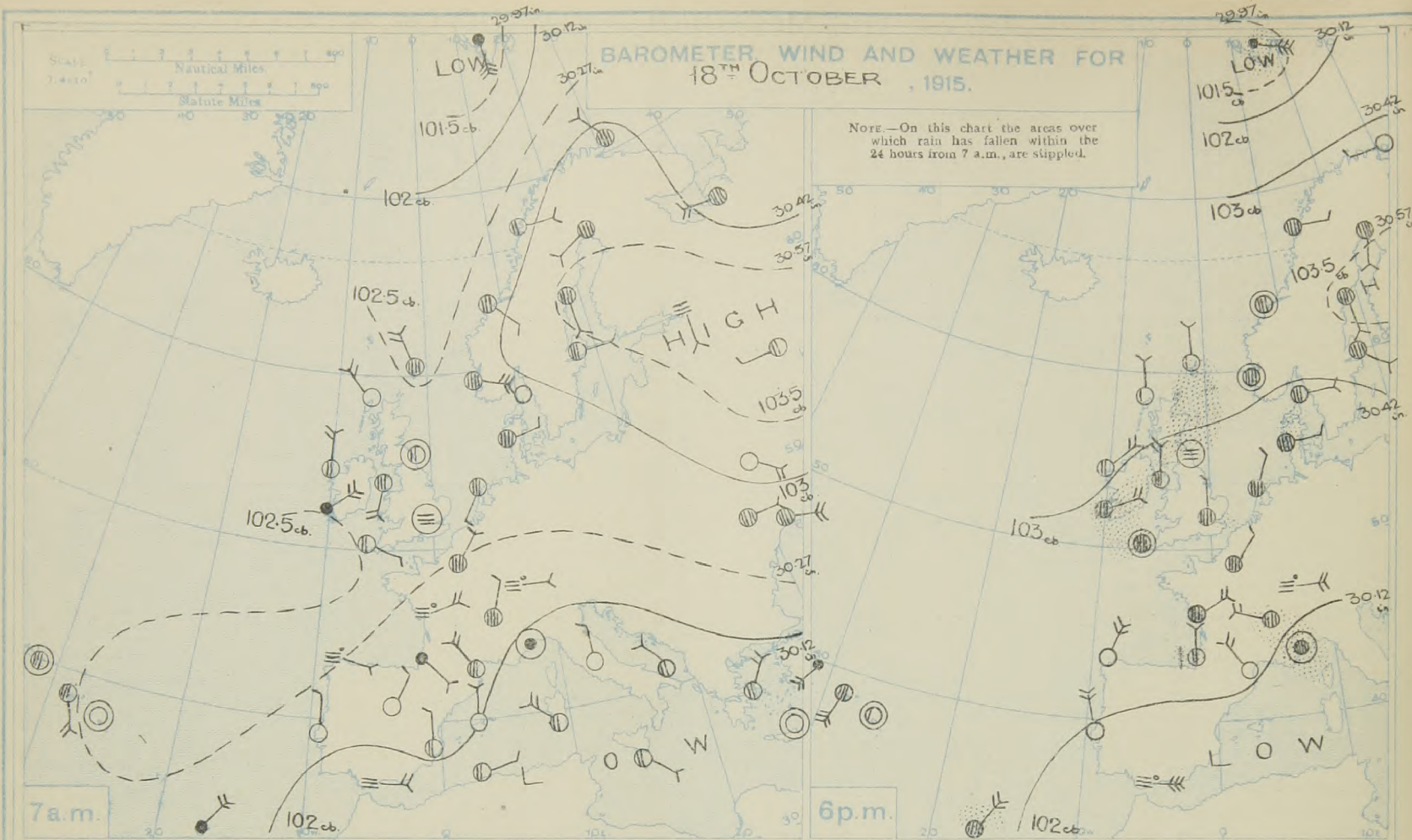
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.				
	Barom. Milli- bars at M.S.L.	Temp.	Wind.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Wind. Direc.	Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea. 0-9.	Rain- fall. Milli- metres.	Temp.		Weather.							
			Direc.	Force 0-12.												Max.	Min.	Morning.	Afternoon.	Night.					
BRITISH ISLANDS.	Lerwick ...	1031.0	46	N	2	b	1034.4	+1	44	-5	N	1	-	b	1	2	51	41	o.c.p	bc.b	bc	Hours.			
	Deerness ...	1031.5	46	N	3	b	1033.8	+	44	-6	ENE	2	NE	bcw	1	1	51	42	r.bc.b	b	b.bcw	5.6			
	Stornoway ...	1032.7	47	N	2	by	1033.2	0	42	-1	SE	2	-	b	2	-	55	36	by	by	b	7.6			
	Castlebay (Barra Isd.)	1031.5	50	N	1	b	1031.3	0	46	-4	E	2	-	b	2	-	54	45	c.b.	b	b	9.0			
	Glasgow ...	1030.2	48	NE	2	omd	1032.3	0	39	-10	ENE	2	-	b	+	2	50	37	omd	r	d.om.b	0.0			
	Eskdalemuir ...	1029.7	48	NE	4	omr	1031.5	0	44	-4	NNE	4	S	o	8	16	50	43	omd	omr	omr.o	0.0			
	Malin Head ...	1029.7	53	N	4	bc	1029.2	0	50	-1	ESE	4	SE	cm	3	-	53	50	bc	bc	cm	6.3			
	Blacksod Point ...	1030.7	54	NE	3	bc	1027.7	-3	47	-2	ESE	4	SE	bc	2	-	54	43	bc	bc	bc	*			
	Valencia ...	1027.4	55	ENE	3	c	1027.2	0	43	-9	NE	2	-	bw	3	7	59	43	omr	e	c.bc.bw	2.8			
	Roche's Point ...	1028.1	55	SE	1	o	1028.1	+	51	-5	NE	1	-	o	1	0.1	58	51	o	o	o	*			
	Birr Castle ...	1029.7	51	NE	1	o	1029.0	+	41	-10	NNE	1	-	o	8	6	54	39	or.od	o	o	0.0			
	Donaghadee ...	1028.1	52	N	3	bcw	1028.6	+1	50	-2	SE	4	-	ogm	4	0.2	54	50	bc	bc	bm.omp	0.2			
	Liverpool (Bidston)	1028.3	53	SE	1	c	1029.0	0	46	+3	SE	2	-	m	1	-	55	43	f.m	m.c	om.f	0.2			
	Holyhead ...	1028.1	55	N	3	cgm	1027.9	0	54	0	E	3	-	ogmw	2	0.1	59	52	bcw.b	c.cgm	ogmw	0.0			
	Pembroke (St. Ann's)	1027.8	53	N	1	om	1028.0	-1	51	+1	E	1	-	bcf	1	-	55	48	f	f	om.f	0.0			
	Scilly (St. Mary's)	1026.4	54	-	0	om	1025.5	0	53	+1	E	3	E	cm	3	0.1	57	51	om	om	om.cm	0.4			
	Falmouth ...	1027.1	53	SE	1	om	1026.4	0	47	+1	NNE	1	-	bm	3	-	57	45	f.bc.b	bc.o	bmw	2.9			
	Jersey (St. Aubin)	1025.8	55	E	2	c	1025.7	+	50	0	E	2	-	o	2	-	58	46	ome	ome.c	c.bw.o	0.1			
	Portland Bill ...	1026.8	54	E	1	bc	1027.2	0	47	-4	NE	3	NE	bc	2	-	58	46	b.bc	bc	b.b.o	*			
	Dungeness ...	1026.2	53	ENE	2	c	1025.3	-1	49	-1	N	2	-	o	2	3	57	46	bc	bc	c.or.o	*			
	Dover ...	1026.8	50	N	1	c	1025.9	0	49	0	NE	4	NE	op	2	4	57	46	c.o.bc	b.be.c	c.op.or	2.3			
	Wick ...	1031.6	47	N	1	bc	1034.0	0	49	+1	WSW	2	e	bc	2	-	52	45	op.bc	bc	bcm	*			
	Nairn ...	1032.2	44	-	0	bc	1034.0	+	34	-13	S	1	-	bc	1	0.1	52	33	cg	bc	bex	3.2			
	Aberdeen ...	1031.1	47	NNW	3	b	1032.9	0	46	+1	N	2	N	o	2	1	53	41	or.bc	bc.b	bc.b.o	0.8			
	Leith ...	1030.1	51	ENE	1	o	1032.2	+1	47	-3	N	3	NE	c	3	3	51	46	ogr	ogr	o	*			
Tynemouth ...	1028.6	50	-	0	f	1029.3	0	50	+7	NNE	3	-	cm	3	1	54	42	f	f	omp	*				
Spurn Head ...	1028.9	52	ESE	2	bc	1029.4	0	52	-3	E	4	-	bc	3	-	53	46	f	f.bc	b	0.0				
Yarmouth ...	1026.9	53	NE	3	bc	1026.6	-1	53	+3	NE	4	NE	c	4	-	59	49	cm.bc	bc	bc.c	4.4				
Clacton-on-Sea ...	1027.7	51	NNW	1	bc	1026.4	0	49	+1	NNW	3	N	c	1	0.2	57	47	c	c.bcm	bcm.cp	0.3				
Nottingham ...	1028.5	49	NE	1	f	1029.0	+	47	+5	NE	1	-	om	+	-	50	41	fe	f	fe	0.0				
Bath ...	1027.8	50	E	+	o	1028.2	+	46	+1	E	2	NE	o	+	-	52	44	m.o	m.c.o	om	0.0				
Sth Farnborough	1027.3	51	-	0	bc	1027.4	0	41	-5	NW	1	-	omw	+	Trace	59	38	f.c.og	o.c.bcz	bc.bf.m	1.5				
London (Kew Obsv.)	1027.7	53	N	1	om	1027.6	0	47	-1	NNE	1	-	cm	+	-	57	44	ofw.om	om	am.bm.cm	0.0				
NORTHERN EUROPE.	Spitsbergen ...	1013.1	36	ESE	6	r	1009.0	-3	36	-1	WNW	4	+	r	+	1	41	23							
	Vardö ...	1030.9	37	W	1	b	1032.2	0	36	-5	WSW	2	-	b	2	+	43	37							
	Bodö ...	1031.3	45	E	1	o	1034.0	+2	45	0	E	1	-	bc	1	-	46	43							
	Christiansund	1030.5	48	-	0	c	1034.0	+2	46	-2	SW	3	-	c	2	Trace	50	46							
	Skudesnaes ..	1031.1	46	-	0	o	1032.3	0	46	-2	E	1	-	o	2	-	50	46							
	Færder (X'ianiafjord)	1032.6	45	NNE	4	o	1034.7	+3	43	-2	NE	4	-	o	1	-	45	41							
	The Scaw (Skagen)	1029.3	48	E	2	c	1031.8	+2	45	-1	E	3	NE	o	3	1	50	45							
	Blaavands Huk	1028.6	46	E	1	o	1028.4	0	43	-2	ESE	1	-	o	1	1	48	43							
	Haparanda ...	1034.9	41	SSW	2	o	1037.0	+2	41	0	SW	4	-	o	+	-	41	39							
	Hernösand ...	1036.8	43	S	2	o	1038.9	+3	39	-4	-	0	-	f	+	-	45	37							
FRANCE, &c.	Stockholm ...	1033.0	39	ESE	2	o	1034.3	+2	41	0	E	2	-	o	+	-	45	39							
	Wisby ...	1031.7	41	E	2	o	1033.5	+2	41	+2	NE	2	-	bc	2	-	46	37							
	Karlstad ...	1032.4	43	E	2	o	1035.7	+3	39	-4	-	0	-	o	+	-	46	36							
	Petrograd	(8 a.m. G.M.T.)																							
	The Helder ...	1027.3	50	NNE	1	o	1026.7	0	50	+5	NE	1	-	c	0	-	52	46							
	C. Gris Nez ...	1026.4	49	ENE	4	c	1025.3	-1	46	0	ESE	1	+	o	1	1	55	43							
	La Hève ...	1024.8	50	NNE	2	c	1024.4	+	43	-3	NE	3	+	m	1	-	57	41							
	Ushant ...	1025.5	57	NE	4	c	1028.7	+	52	-2	ESE	3	+	o	5	-	59	48							
	Brest (St. Mathieu)	1026.7	54	NE	2	m	1025.5	0	50	0	E	3	+	c	2	-	66	48							
	Rochefort (Ile d'Aix)	1024.4	55	NE	3	o	1022.9	0	45	-4	ENE	4	+	m	+	-	59	45							
SOUTHERN EUROPE.	Biarritz ...	1023.0	59	N	2	bc	1020.0	-1	48	-6	ESE	2	+	c	2	19	66	48							
	Paris ...	1024.8	48	NNE	3	o	1024.2	0	43	-2	NNE	1	-	o	+	-	55	41							
	Belfort ...	1023.1	45	E	4	m	1022.4	+	41	+2	E	4	+	f	+	-	58	41							
	Lyons ...	1023.0	49	NNW	3	o	1021.9	+	43	-3	NNW	3	+	r	+	1	62	42							
	Nice ...	1016.9	51	-	0	o	1017.3	0	50	-4	-	0	+	b	2	11	57	50							
	Perpignan ...	1020.8	57	NW	3	b	1019.0	0	48	-9	-	0	-	b	+	-	66	46							
	Sanguinaire ...	+	65	S	1	r	+	+	59		N	4	+	o	4	18	70	55							
	Corunna (7 a.m.)	1024.0	61	NNE	4	b	1021.7	0	46	-2	SE	2	-	f	2	-	61	45							
	Madrid (8 a.m.)																								
	Lisbon (9 a.m.)	1019.1	70	NNW	4	b	1018.0	0	57	0	NNW	4	-	b	5	-	73	57							
Gibraltar ...	1018.6	66	E	5	m	1016.2	+	65	+3	E	5	+	f	2	-	70	61								
Rome ...																									
Malta (8 a.m.)						1015.8	0	68	-2	NW	5		o	3	-	77	64								
Azores (Horta, 8 a.m.)	1024.3	+	SSW	5	c	1021.1	-1	69	+5	SSW	5	+	o	3	-	73	64								
Madeira (Funchal)	1021.1	70	NE	4	o	1021.2	0	61	-3	NE	4	NW	r	4	1	72	61								
South Farnborough																						21	0.83	46	1.81
Pilot Balloon Ascent at about 7 a.m.																						22	0.87	47	1.85
1400 metres NE by E 20 miles per hour																						23	0.91	48	1.89
500 metres NE 22 miles per hour																						24	0.95	49	1.93
																						25	0.98	50	1.97

South Farnborough

Pilot Balloon Ascent at about 7 a.m.

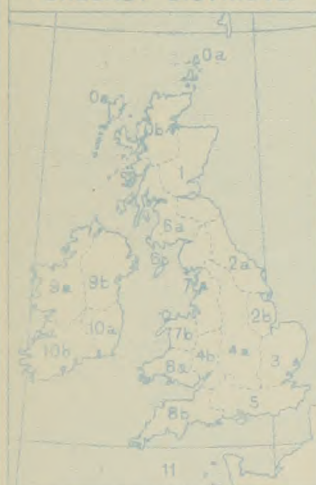
1400 metres NE by E 20 miles per hour

500 metres. NE 22 miles per hour



**FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday,	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

Western Channel and Bay 11

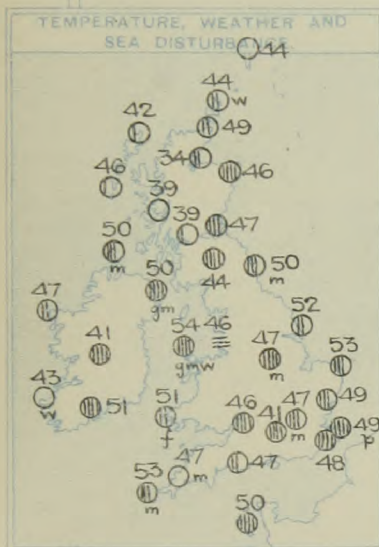
Wind mainly between North and East, mostly light; fine to cloudy or overcast, local mist; moderate temperature.

Light or moderate Easterly to South-Easterly breezes; sea slight to moderate; fair to cloudy, some mist or fog; cool.

**FURTHER OUTLOOK.**

GENERAL INFERENCE.

There are no indications of an important change in the existing quiet type of anti-cyclonic conditions.



EXPLANATION.

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

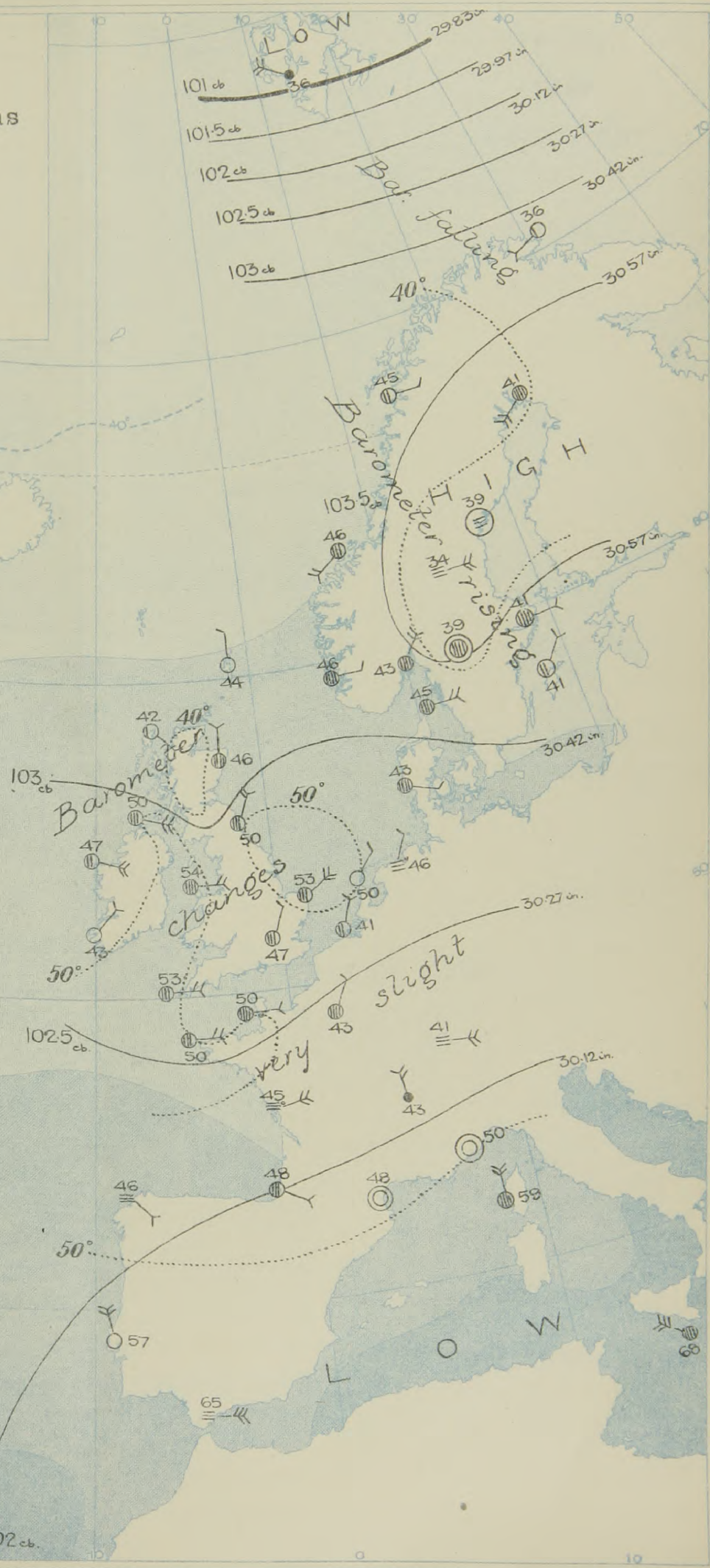
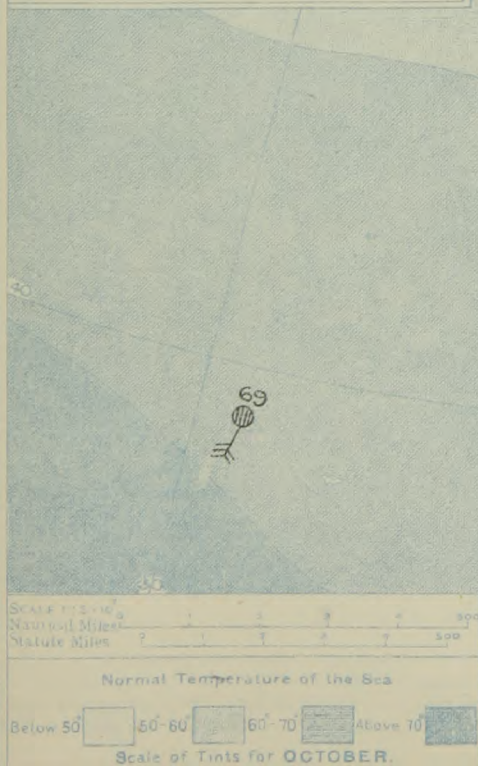
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm

**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 5/8 clouded. ○ overcast sky. ● rain falling. \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder. T, thunderstorm.

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



## DAILY WEATHER REPORT.

Tuesday, 19<sup>th</sup> October 1915.REPORTS  
FOR  
YESTERDAY.18<sup>th</sup> October 1915.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli-metres.		TEMP. Max. Min.	
	BAROM. Milli-bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.					
			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.								
		°F.						°F.	°F.										
Petrograd	1038.7	36	SW	2	z	1037.5	-1	28	-5	S	2	-	f	*	-	46	28		
Ushant	1022.9	55	NE	3	m	1025.6	*	54	-1	E	2	*	m	3	-	61	48		
Belfort	1023.3	50	E	2	bc	1024.8	*	39	-4	E	2	*	m	*	-	60	40		
Lyons	1023.8	51	NNW	3	z	1023.7	*	46	-6	NNE	1	*	o	*	-	59	46		
Lisbon	1019.0	64	NNW	4	z	1020.7	+1	57	0	N	1	-	z	5	-	70	59		
Rome	1019.3	61	-	0	z	1018.9	0	54	-	N	1	-	z	*	-	68	50		

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.			
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.				
	mm.‡	° F.	° F.			Hr.		mm.‡	° F.	° F.			Hr.			
Scotland.	Oban ... ..	8	58	48	bc	c	2.5	England, S.E.	Tunbridge Wells ... ..	57	43	o.c.o	c.o	0.7		
	Banff ... ..	3	52	44	z.cd	d.c.bc	0.8		Margate ... ..	55	52	c	bc.c	1.3		
	Carnoustie ... ..								Ramsgate ... ..	55	50	ac	c	1.4		
	St. Andrews ... ..	6	51	39	*	*	0.0		Hastings ... ..	57	48	o.bc	bc.o	2.0		
Eng. N.E.	Harrogate ... ..	-	54	41	bc.c	c.o	0.8	England, S.W.	Bexhill-on-Sea ... ..	-	58	49	om	com	1.9	
	Skegness ... ..	-	56	48	o.bc	bc	5.2		Eastbourne ... ..	-	58	47	c	c	0.6	
Eng. N.W.	Morecambe ... ..	-	55	44	z	z	1.0		Seaford ... ..	-	59	48	o	o.c.o	0.9	
	Blackpool ... ..	-	56	43	z	z	0.0		Brighton ... ..	-	59	49	c.bc	c	2.5	
	Southport ... ..	-	56	42	z	z	1.0		Worthing ... ..	-	57	48	o.bc	o.bc	1.9	
									Littlehampton ... ..	-	59	49	bc.c	c.o	3.5	
Midlands.	Buxton ... ..	-							Bognor ... ..	-	59	49	bc	o	4.5	
	Leamington Spa ... ..	-	54	41	f.c	c.f	2.0		Southsea ... ..	-	59	49	bc	o	4.5	
	Malvern ... ..	-	48	39	m	m	3.7		Bournemouth ... ..	-	60	45	w.c	c	2.9	
	Ross-on-Wye ... ..	-	49	38	f	f	0.0									
Wales.	Rhyl ... ..	-	57	41	o.c	o	0.3	England, S.W.	Weymouth ... ..	-	61	48	z.c.b	cz	5.2	
	Colwyn Bay ... ..	-	56	43	c.bc	bc	1.4		Torquay ... ..	-	55	44	bc.c.o	o.c.o	0.8	
	Llandudno ... ..	-							Paignton ... ..	-	55	39	bc	c.bc	1.2	
	Aberystwyth ... ..	-	56	43	o.c	c.o	1.0		Falmouth ... ..	-	57	43	f.bc.b	bc.o	2.9	
	Tenby ... ..	-	57	42	bc	c.o	0.5		Penzance ... ..	-	56	45	of	c.of	0.1	
England, E.	Cromer ... ..	-	56	50	o.c	bc	3.6		England, S.W.	Newquay ... ..	0.2	55	41	f.w.bc	omz	2.5
	Lowestoft ... ..	-	56	48	c.bc	bc	3.1			Ilfracombe ... ..	-	57	42	z	bz	5.7
	Felixstowe ... ..	-	58	45	c	c	1.1			Weston-super-Mare ... ..	-	53	48	f.bc	cm	0.0
	Walton-on-Naze ... ..	-	56	44	om.c.bc	c.bc.b	0.9									
	Southend-on-Sea ... ..	-	58	46	o.c	c.bc	1.0									

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 69	% 84	Hr. 2.0	° F. 59	° F. 45	° F. 32	mm.‡	o	o.c.b.c.	o.b.c.
City (Bunhill Row) ...	%	%	0.2	%	%	%	%	%	%	%
Westminster (St. James's Pk.)	68	87	0.2	59	47	43	-	bc	om	om
Camden Sq. (Brit. Rainfall)	70	85	0.3	60	45	38	-	om.c	c	%
Hampstead (Reservoir) ...	%	90	0.2	56	43	32	-	c.o	o	o
Richmond Park ...	%	%	0.0							
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total. 414 Joules		Average Rate. 11.0 Milliwatts.		Max. Rate. 30 Milliwatts.		
S. Kensington (Roof of M.O.)	66	85	0.2							

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

	19 <sup>th</sup> October, 1915.		
	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.26 11.38	G.M.T. 11.38 4.50	G.M.T. 4.50 11.38
Greenwich ...	G.M.T. 6.31 11.45	G.M.T. 11.45 4.55	G.M.T. 4.55 11.45
Wick ...	G.M.T. 7.0 11.57	G.M.T. 11.57 5.0	G.M.T. 5.0 11.57
Valencia ...	G.M.T. 7.13 12.10	G.M.T. 12.10 5.28	G.M.T. 5.28 12.10

## NOTES ON YESTERDAY'S WEATHER.

Temperature was rather above the normal in most places; at Weymouth it touched 61°. Showers fell in scattered localities. Several stations had no sunshine, but Castlebay had nine hours.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

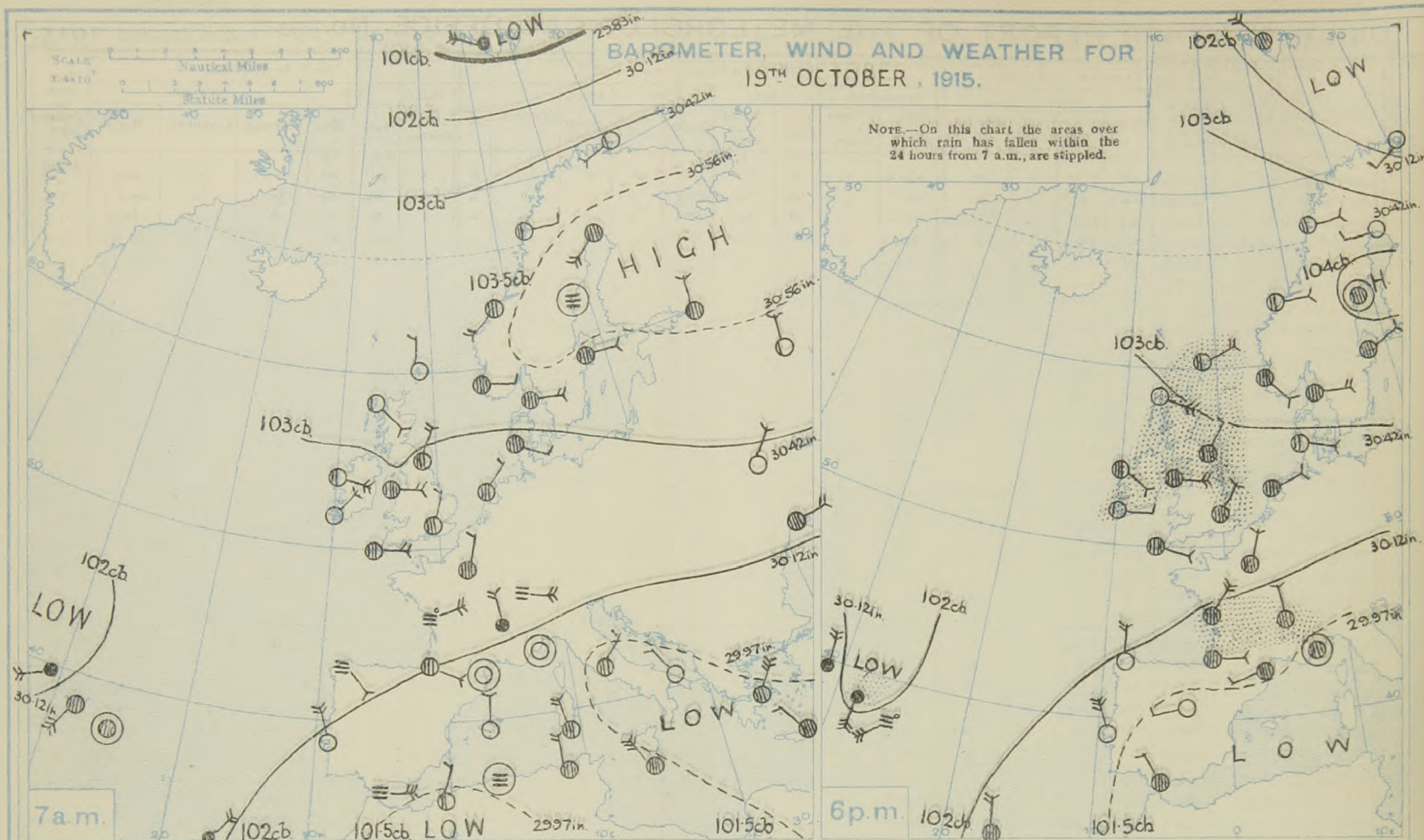
Wednesday,  
20th October 1915.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 8 hours.	TEMP. °F.	°F.	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 ...	1033.4	48	ENE	3	bc	1031.4	0	46	+2	SE	4	SE	bc	4	2	51	43	bc	bc	bc	Hours.		
Deerness ...	1031.8	46	E	3	bc	1027.7	-2	48	+4	ESE	5	-	o	4	2	52	44	bc	bc	bc	7.3		
Stornoway ...	1029.9	47	ESE	4	b	1023.4	-2	48	+6	ESE	4	-	e	4	1	52	42	b	b	bc	7.7		
Castlebay (Barra Isd.)	1027.7	49	ESE	2	b	1020.9	-2	51	+5	SE	4	-	op	4	-	52	45	b	b	bc	9.0		
Glasgow ...	1028.6	46	ENE	3	og	1024.4	-2	43	+4	ENE	2	SE	c	4	0.2	50	39	b, bc, c, o	c, o, dp	cdp, bc	4.0		
Eskdalemuir ...	1028.3	47	NE	2	o	1024.5	-2	42	+8	NE	3	E	o	4	0.2	52	39	o, op	e, o	o, e, o	1.6		
Malin Head ...	1026.2	50	E	4	cgm	1020.1	-3	43	-2	S	3	-	omr	3	1	52	47	om	cgm	omd	0.0		
Blacksod Point ...	1023.9	49	ESE	2	c	1016.1	-5	48	+1	SE	4	SE	cng	3	-	54	45	bc	bc	bc, bc	0		
Valencia ...	1022.8	54	E	1	b	1015.7	-3	54	+11	SE	4	W	bcg	3	0.3	59	43	bcg	bcg	bcg, cp, c	5.1		
Roche's Point ...	1024.8	56	ENE	2	o	1019.4	0	54	+3	ESE	4	SE	c	4	-	56	51	o	om	om, e	0		
Birr Castle ...	1024.8	49	NE	1	m	1019.4	0	42	+7	NE	1	-	m	4	4	56	40	or	of	f	0.0		
Donaghadee ...	1025.8	51	E	3	omr	1021.7	0	51	+1	SE	3	SE	cgm	2	2	53	50	ogmp	omr	cgm, p	0		
Liverpool (Bidston)	1026.9	50	E	1	o	1022.3	-4	45	-1	E	1	E	bc	1	-	53	45	om	om	om	0.0		
Holyhead ...	1025.2	53	E	4	om	1021.4	-2	48	-6	E	3	-	by	2	1	57	47	omdp	om	dp, bc	0.0		
Pembroke (St. Ann's)	1025.1	51	NE	1	cm	1020.8	-2	46	-5	ENE	2	E	cm	2	-	55	45	f	bc	om	1.4		
Scilly (St. Mary's)	1024.1	52	ESE	2	om	1018.8	-2	51	-2	E	3	E	om	3	-	59	46	cm	cm	cm, om	5.3		
Falmouth ...	1024.6	50	SSE	1	bc	1019.3	-2	44	-3	NNE	2	-	bc	3	-	56	43	o, bc, b	bc	bc, w	5.8		
Jersey (St. Aubin)	1021.9	54	ENE	2	o	1019.2	0	50	0	E	2	-	om	2	-	56	48	og	og	bc, om	1.9		
Portland Bill ...	1023.5	53	NNE	3	c	1020.1	-2	50	+3	NE	4	NE	bc	4	-	56	46	b, bc	eg, c	bc, c	0		
Dungeness ...	1022.5	52	NE	3	bc	1019.5	-1	50	+2	NE	3	NE	c	3	-	56	48	o, c, o	o, c, bc	bc	0		
Dover ...	1022.4	47	NE	3	b	1020.2	-1	49	0	NE	4	E	or	4	1	55	44	op, bc, c	c, b	b, bc, o	1.2		
WICK.																							
Wick ...	1031.0	49	ENE	3	c	1026.8	-1	50	+1	SE	4	-	o	4	2	52	38	bc	bc, e	omp	0		
Nairn ...	1030.9	44	E	1	cm	1025.3	0	41	+7	E	1	-	eg	1	2	49	32	bc	bc	od	7.0		
Aberdeen ...	1030.0	49	ENE	3	or	1026.7	0	48	+2	SE	3	-	o	3	11	51	46	o, c, o	op, r	or	0.8		
Leith ...	1028.1	50	ENE	2	o	1024.9	-1	44	-6	E	1	SE	c	4	4	50	40	og, or	or, o	odp	0		
Tynemouth ...	1028.1	50	NE	1	ogmr	1023.9	-3	51	+1	E	4	E	c	4	3	51	49	omp	ogmr	cmp	0		
Spurn Head ...	1026.3	51	E	4	c	1022.9	-4	50	-2	ESE	4	-	or	4	4	55	47	c	e	bcg, eg	0.0		
YARMOUTH.																							
Yarmouth ...	1024.1	52	ENE	4	c	1021.8	0	51	-2	SE	4	SE	bc	4	6	56	48	bcg, p	bcg, c	cp, bc	1.1		
Clacton-on-Sea ...	1023.8	51	N	2	o	1021.4	0	52	+3	E	2	E	c	2	9	55	43	cdp	cp, o	or, c	1.1		
Nottingham ...	1026.2	50	NE	1	o	1022.5	0	46	-1	NE	1	NE	c	4	1	55	46	om, c	e, o	o, cp	0.6		
Bath ...	1024.8	51	NE	4	o	1021.3	0	46	0	NE	4	NE	o	4	-	55	41	m, o, c, bc	ogm	om	1.3		
Sth Farnborough ...	1023.8	50	-	0	c	1020.9	0	46	+5	NE	1	-	om	4	0.3	56	41	m, bc	o, c	op	4.0		
London (Kew Obsy.)	1024.2	51	NE	2	o	1021.5	0	47	0	ENE	2	NE	om	4	0.2	56	46	om, om, q	o	op, o, om	1.4		
NORTHERN EUROPE.																							
Spitsbergen ...	1017.5	27	NW	4	o	1019.7	-2	32	-4	S	8	-	c	4	-	36	25	-	-	-	-		
Vardö ...	1018.7	37	WSW	1	b	1032.3	+2	39	+3	WNW	4	-	r	3	0	37	30	-	-	-	-		
Bodö ...	1027.9	46	E	2	bc	1032.6	0	43	-2	E	1	-	c	1	-	48	43	-	-	-	-		
Christiansund ...	1035.9	45	E	2	bc	1034.7	0	37	-9	E	10	-	b	2	-	48	37	-	-	-	-		
Skudesnaes ...	1034.0	46	SE	2	o	1033.9	0	43	-3	SE	5	-	b	2	-	48	41	-	-	-	-		
Færder (K'land Fjord)	1037.0	41	NNE	4	o	1037.3	0	41	-2	ENE	5	-	o	2	-	45	39	-	-	-	-		
The Scaw (Skagen)	1033.2	46	E	3	o	1033.5	0	43	-2	E	4	-	o	4	-	48	41	-	-	-	-		
Blaavands Huk ...	1029.2	45	ESE	2	o	1028.0	0	41	-2	ENE	3	-	o	4	Trace	46	37	-	-	-	-		
Haparanda.																							
Haparanda ...	1038.8	37	W	2	b	1037.9	0	34	-7	N	2	-	o	4	-	41	32	-	-	-	-		
Hernösand ...	1040.4	41	-	0	o	1040.7	0	39	0	-	0	-	o	4	Trace	43	39	-	-	-	-		
Stockholm ...	1037.3	39	ENE	2	o	1037.6	0	39	-2	NE	2	-	o	4	-	43	37	-	-	-	-		
Wisby ...	1034.5	39	NNE	4	b	1035.0	0	36	-5	NE	2	SE	b	2	-	46	32	-	-	-	-		
Karlstad ...	1038.3	39	-	0	o	1038.9	+1	37	-2	NNE	2	-	o	4	-	45	34	-	-	-	-		
Petrograd (5 a.m. G.M.T.)																							
FRANCE, &c.																							
The Helder ...	1025.1	50	ENE	2	o	1023.7	0	45	-5	E	3	-	b	3	-	50	45	-	-	-	-		
C. Gris Nez ...	1022.7	47	NE	3	bc	1021.0	-1	44	-2	ENE	3	-	c	2	-	55	42	-	-	-	-		
La Hève ...	1021.3	50	NE	1	m	1019.7	0	46	+3	NE	2	-	m	1	-	55	40	-	-	-	-		
Ushant ...	1021.6	56	ENE	3	c	1019.4	0	52	0	SE	1	-	bc	3	-	57	46	-	-	-	-		
Brest (St. Mathieu)	1023.1	56	NE	3	c	1019.0	0	52	+2	-	0	-	c	1	-	61	50	-	-	-	-		
Rochefort (Ile d'Aix)	1019.9	44	NE	4	o	1017.5	0	46	+1	NE	3	-	o	4	-	55	45	-	-	-	-		
Biarritz ...	1017.2	55	ESE	2	o	1016.9	0	48	0	ESE	3	-	r	3	1	59	45	-	-	-	-		
Paris ...	1020.7	45	NNE	2	b	1019.1	+1	39	-4	NNE	1	-	f	4	-	54	37	-	-	-	-		
Belfort ...	1020.3	43	E	4	m	1019.9	0	40	-1	E	5	-	f	4	-	50	40	-	-	-	-		
Lyons ...	1019.9	44	NW	2	o	1018.0	0	44	+1	-	0	-	o	4	1	46	43	-	-	-	-		
Nice ...	1014.3	54	-	0	o	1015.7	0	51	+1	E	1	-	c	3	1	63	50	-	-	-	-		
Perpignan ...	1015.4	59	WSW	1	o	1015.9	0	54	+6	-	0	-	o	4	-	66	45	-	-	-	-		
Sanguinaire ...																							
SOUTHERN EUROPE.																							
Corunna (7 a.m.)	1019.0	61	N	3	b	1016.4	0	46	0	SSE	4	W	m	4	-	61	46	-	-	-	-		
Madrid (8 a.m.)	1013.1	61	WSW	1	b	1017.6	+2	48		N	1	-	b	4	-	64	41	-	-	-	-		
Lisbon (9 a.m.)	1016.7	61	NW	5	b	1016.8	0	55	-2	NW	4	-	b	5	-	68	55	-	-	-	-		
Gibraltar ...	1014.2	65	NW	1	o	1014.2	0	58	-7	SW	3	-	b	1	-	69	57	-	-	-	-		
Rome ...																							
Maita (8 a.m.)						1015.9	+2	66	-2	WNW	1	-	b	1	-	72	63	-	-	-	-		
Azores (Hona, 8 a.m.)																							
Azores (Hona, 8 a.m.)	1018.6	0	S	5	r	1017.6	0	62	-7	NE	6	-	o	4	30	59							
Madeira (Funchal)	1019.5	66	N	3	o	1019.3	0	61	0	-	2	NW	o	4	-	70	61	-	-	-	-		
RAINFALL.																							
Equivalents of Millimetres. in inches.																							
mm. Inches. mm. Inches																							
1 0.04 26 1.02																							
2 0.08 27 1.06																							
3 0.12 28 1.10																							
4 0.16 29 1.14																							
5 0.20 30 1.18																							
6 0.24 31 1.22																							
7 0.28 32 1.26																							
8 0.32 33 1.30																							
9 0.35 34 1.34																							
10 0.39 35 1.38																							
11 0.43 36 1.42																							
12 0.47 37 1.46																							
13 0.51 38 1.50																							
14 0.55 39 1.54																							
15 0.59 40 1.58																							
16 0.63 41 1.61																							
17 0.67 42 1.65																							
18 0.71 43 1.69																							
19 0.75 44 1.73																							
20 0.79 45 1.77																							
21 0.83 46 1.81																							
22 0.87 47 1.85																							
23 0.91 48 1.89																							
24 0.95 49 1.93																							
25 0.98 50 1.97																							

\* Information for these columns not usually received.

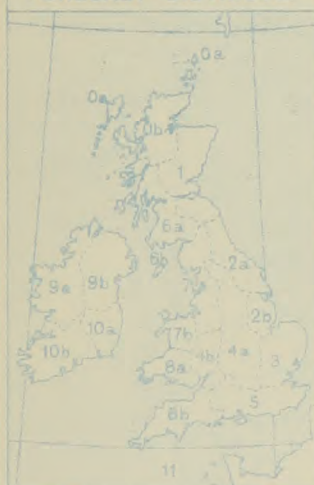
† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.



**FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings issued.

Western Channel and Bay 1)

0 { a } Increasing South-Easterly to Southerly winds,  
b } probably strong and squally in places; dull, unsettled,  
some rain, mist or fog; moderate temperature.

1 { a } Easterly to South-Easterly breezes, freshening  
b }  
2 { a }  
b } somewhat later; fair to dull, some mist and showers;  
3 { a }  
b } moderate temperature.  
4 { a }  
b }  
5 { a }  
b }

6 { a } Same as No. 0.  
b }  
7 { a }  
b }  
8 { a }  
b }

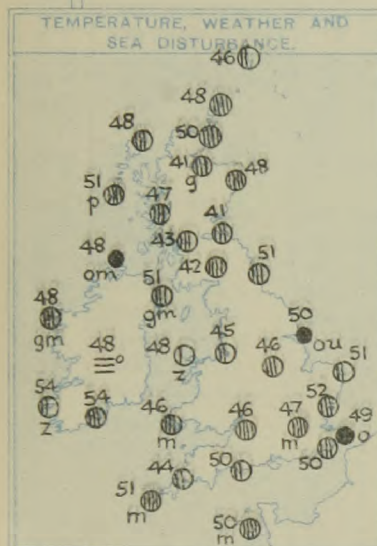
9 { a } Freshening Easterly to Southerly breezes; sea moderate  
b } to rough, with high Westerly swell; unsettled, some rain,  
mist or fog; cool.  
10 { a }  
b }

**FURTHER OUTLOOK.**

# SYNOPTIC CHART FOR 7 a.m., WEDNESDAY, 20<sup>TH</sup> OCTOBER, 1915.

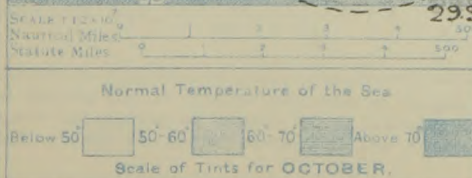
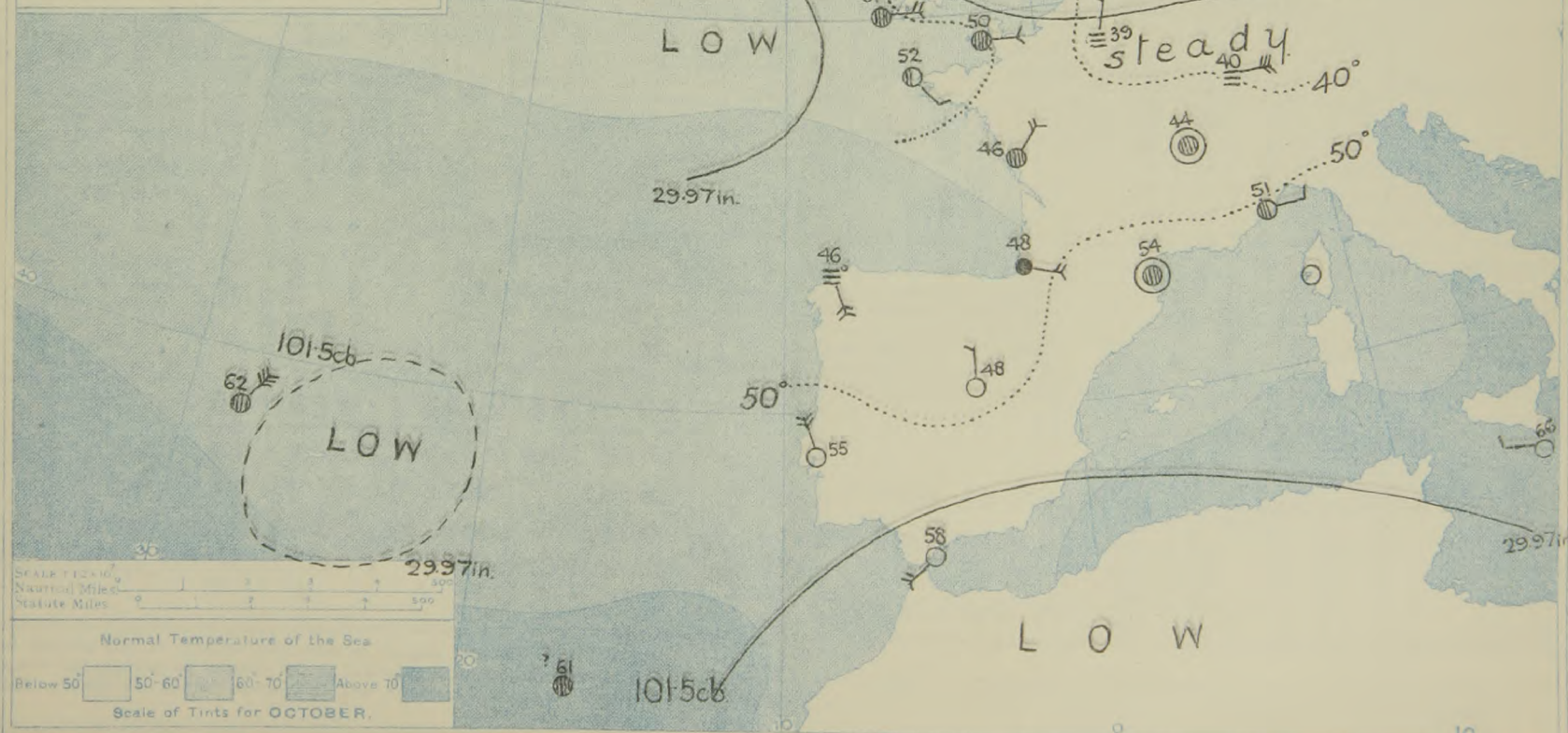
## GENERAL INFERENCE.

Under the influence of an Atlantic depression a less settled type of conditions is developing.



## 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.  
 T, thunderstorm.  
**SEA DISTURBANCE.**—Rough ~~~. High ~~~.



# DAILY WEATHER REPORT.

Wednesday, 20th October 1915.

## REPORTS FOR YESTERDAY.

19th October

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.												Rain-fall. Milli-metres.		TEMP. Max. Min.	
	BAROM. Milli-bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.							
			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.										
Petrograd	1036.0	36	NE	1	0	1037.0	0	32	+4	N	2	-	0	*	-	43	28				
Rome	1016.0	59	SW	1	bc	1012.2	+2	59	+5	NE	1	-	c	*	8	68	54				

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall. mm.†	TEMPERATURE. ° F.	° F.	WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.						Forenoon.	Afternoon.	
Scotland.							Tunbridge Wells ...	0.3	55	42	c bc	op. o	10
Oban ...	-	55	38	b	b	7.4	Margate ...	2	55	47	c	cp	0.3
Banff ...	-	51	46	c bc	bc o	2.1	Ramsgate ...	4	54	46	m. oc	c	15
Carnoustie ...	-						Hastings ...	1	53	47	op. bc	o. c	0.1
St. Andrews ...	-						Bexhill-on-Sea ...						
England, N.E.							Eastbourne ...	-	54	46	o. bc o	o. bc o	0.2
Harrogate ...	1	50	45	o	o. cp	0.1	Seaford ...	0.3	53	45	c	o. c	1.1
Skegness ...	-	56	39	o. bc	bc o	2.4	Brighton ...	0.2	56	46	c. o	o. c	1.7
England, N.W.							Worthing ...	0.3	57	44	bc	o. c	3.8
Morecambe ...	-	53	48	d. o	o. c	0.0	Littlehampton ...	-	57	48	o. bc	bc o	4.3
Blackpool ...	-	52	45	o. bc	o. bc	0.0	Bognor ...	-	57	43	bc	bc	4.1
Southport ...	-	52	44	o. bc	o. bc	0.0	Southsea ...	-	57	45	bc	bc	3.5
Midlands.							Bournemouth ...	-	57	44	o. c	o. c	1.9
Buxton ...	-	50	42	bc	bc	0.3	England, S.E.						
Leamington Spa ...	-	54	44	f. c	c	0.0	Weymouth ...	-	57	46	c bc	bc	2.3
Malvern ...	-	51	42	m	m	0.1	Torquay ...	-	58	44	bc bc	bc bc	0.2
Ross-on-Wye ...	-	52	43	o	o	0.0	Paignton ...	-	57	43	bc	bc	5.0
Wales.							Falmouth ...	-	56	43	bc	bc	5.0
Rhyl ...	-	53	42	g. o	o	0.0	Penzance ...	-	57	50	bc bc	bc	6.0
Colwyn Bay ...	-	54	46	o. bc	o. c	0.0	Newquay ...	-	58	41	bc bc	bc bc	5.4
Llandudno ...	-	56	45	o. c	o. c	0.0	Ilfracombe ...	-	54	44	o. bc bc	bc bc	4.6
Aberystwyth ...	-	54	47	bc	bc o	0.3	Weston-super-Mare ...	-	53	45	o. bc bc	bc bc	2.5
Tenby ...	-												
England, E.													
Cromer ...	1	57	49	op.	o. cp	0.4							
Lowestoft ...	3	54	48	o. cp	o. cp	0.1							
Felixstowe ...	3	55	44	cp	cp	1.0							
Walton-on-Naze ...	6	55	46	bc c	bc o	1.3							
Southend-on-Sea ...	1	55	45	bc c o	o. c	1.6							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To-day.		In Screen.	Min. on Grass.	Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.	Min. on Grass.				
Greenwich (Royal Obs.) ...	71	86	1.1	57	46	42	-	c	o	o. c
City (Bunhill Row) ...	71	86	1.1	57	46	42	-	c	o	o. c
Westminster (St. James's Pk.)	65	83	1.3	57	48	43	0.1	bc	o	o. c
Camden Sq. (Brit. Rainfall)	66	84	1.4	60	45	39	-	bc	o. c	o
Hampstead (Reservoir) ...	68	88	2.4	53	43	32	-	bc o. c	c	bc
Richmond Park ...	68	88	2.4	53	43	32	-	bc o. c	c	bc
Kew. (See front page.)	68	88	2.4	53	43	32	-	bc o. c	c	bc
(Greenwich and Camden Square air temperatures are in Gaisler screens.)										
S. Kensington (Roof of M.O.)	65	89	1.4	57	46	42	-	c	o	o. c
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
Total.				439 Joules		Average Rate.		11.6 Milliwatts.		Max. Rate.
										40 Milliwatts.

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		Night. Min. on Grass.	WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.		Fore- noon.	After- noon.	
		Max.	Min.				
Dublin to 4 p.m.	0.3	55	45	42	c o	o. cp	9
Darwen to 9 p.m.							
Manchester "							
Birmingham "		53	45	41	o	o	0.0
Oxford to 8 p.m.		53	40	40	of	of o	0.0
Teignmouth to 9 "		57	40	40	bc bc	bc bc	5.5
Plymouth "							
S. Kensington (Museum Grounds to 6 p.m.)	0.1	56	45	38	o	o	0.0

## NOTES ON YESTERDAY'S WEATHER.

Temperature was above the normal generally, 55° to 59° in many places. Rain fell in several districts, mostly in slight showers. Sunshine was very variable, from none at a number of stations to nine hours at Castlebay.

NOTE The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE No. 294

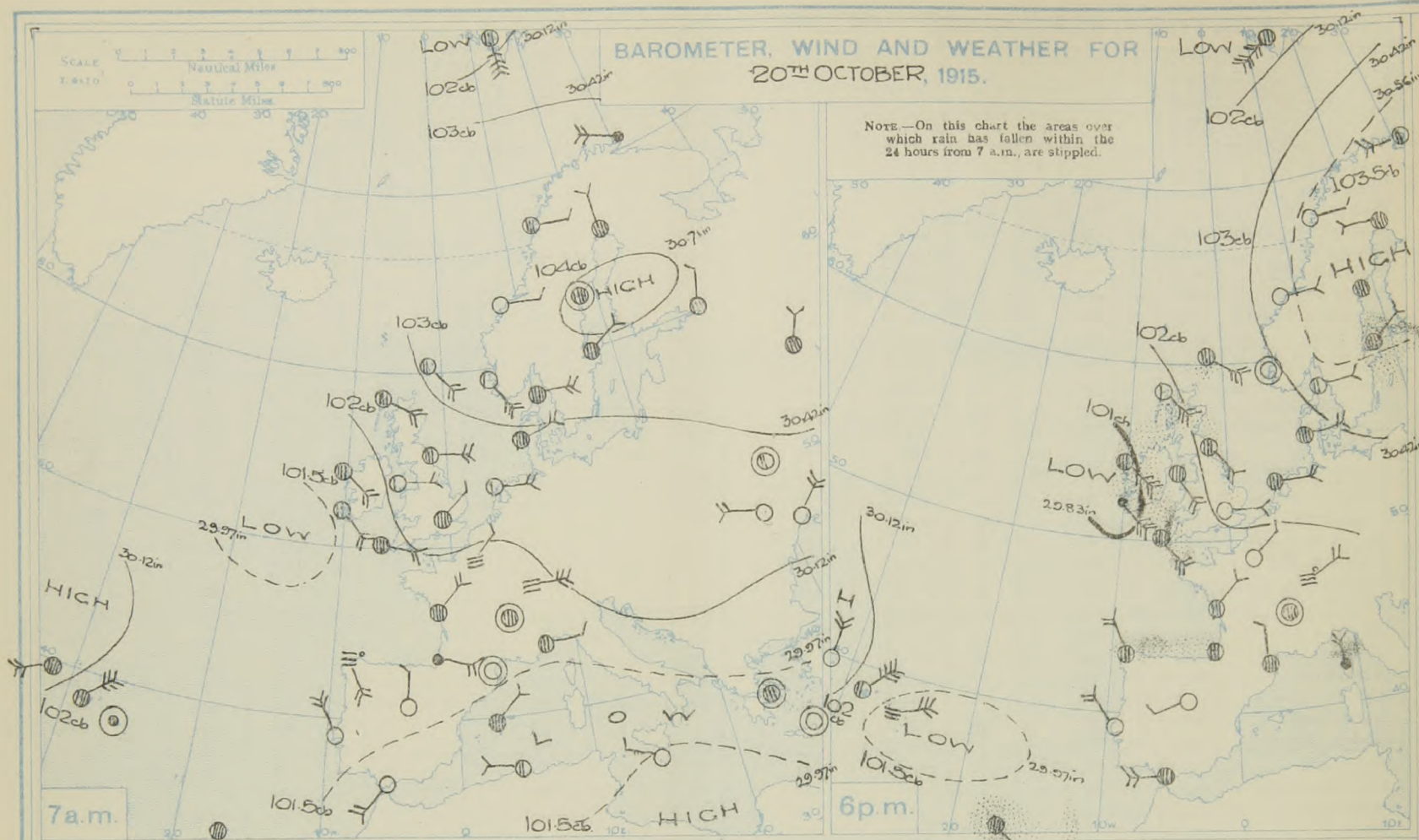
Thursday,  
21st October 1915.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.				
	Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	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	1028.6	48	SE	5	c	1027.2	-1	47	+1	SE	6	S	c	6	1	49	45	bcp	bc	bc	Hours.			
	Deerness	1025.0	48	SE	5	c	1022.7	-	48	0	SE	5	S	o	5	-	51	47	o.c.bc.o	o	o.c.bc.o	1.0			
	Stornoway	1019.5	50	SE	5	bq	1017.1	0	49	+1	SE	7	-	bq	5	-	53	48	eg	bcg	bq	3.0			
	Castlebay (Barra Isd.)	1017.4	52	ESE	5	bcm	1014.3	0	51	0	ESE	5	-	om	5	5	53	47	opt. om	om.bc.o	bc.omp	2.4			
	Glasgow	1020.4	48	ENE	2	o	1019.3	0	41	-2	ENE	2	SW	bc	*	Trace	51	40	c.o.c	o.odp.o	o.c.bc	0.7			
	Eskdalemuir	1021.3	46	ENE	2	o	1019.8	-1	36	-6	NE	1	W	b	*	-	50	35	o.c.op	o	o.c.bc	0.0			
	Malin Head	1016.1	49	ESE	5	cm	1012.1	+1	49	+1	SE	5	-	ogm	5	2	54	46	bcx	cm	ogm	5.9			
	Blacksod Point	1009.3	51	SE	7	cm	1017.6	0	49	+1	SE	7	SE	omf	6	5	49	47	am	cm	omf.omp	*			
	Valencia	1007.3	54	SE	6	r	1009.7	+4	52	-2	WNW	3	W	bc	4	42	57	49	cg	ogp	r.o.e	0			
	Roche's Point	1013.3	56	SE	5	o	1007.0	*	53	-1	W	4	-	o	5	26	56	51	og.c	c.og	o.o	*			
	Birr Castle	1013.3	51	SE	3	c	1009.0	*	48	0	E	1	-	r	*	4	56	47	c	c	o.or	5.3			
	Douaghadee	1017.0	52	SE	4	ogm	1014.3	0	50	-1	SE	5	SE	cmg	4	1	55	48	bcg	ogm	ogm.jp	*			
	Liverpool (Bldston)	1019.5	50	SE	2	o	1017.3	-2	40	-5	ESE	2	-	b	2	-	53	40	cm	bcm	bc	0.2			
	Holyhead	1017.7	53	SSE	4	ogm	1014.2	-2	49	+1	E	4	S	ogr	3	-	58	47	bc.c	bc.o.om	b.o.c.o	6.8			
	Pembroke (St. Ann's)	1017.5	53	SSE	4	bcg	1011.7	-2	48	+2	SSE	7	-	org	6	6	55	46	cm.bcg	bcg	cg.p	6.3			
	Scilly (St. Mary's)	1014.5	54	SE	5	o	1011.1	+1	52	+1	W	4	SW	bcg	5	44	57	45	cm.jp	bc.o	om.jp	5.8			
	Falmouth	1017.0	53	SE	4	bz	1012.6	0	47	+3	S	1	-	bc	3	6	57	44	bc	cp.b	bc.c	3.7			
	Jersey (St. Aubin)	1018.2	53	E	2	om	1017.0	*	51	+1	S	4	-	og	3	-	56	46	bcm.b	bc.o.om	om.og	5.8			
	Portland Bill	1018.9	55	ESE	4	c	1015.9	-1	54	+4	S	4	S	c	4	-	56	48	bc.c	bc.c	c.bc	*			
	Dungeness	1018.9	53	N	3	bc	1017.9	-1	50	0	S	3	-	o	3	2	55	45	bc	bc	bc.or.o	*			
	Dover	1019.7	56	N	1	c	1018.9	0	48	-1	SSE	2	S	o	2	1	55	44	c.bc.b	bc.c.p.o	op.o.c.o	3.7			
NORTH EUROPE.	Wick	1023.9	50	SE	4	o	1021.7	-1	50	0	SE	5	SE	r	5	3	51	38	ogp	r.om	om.om	*			
	Nairn	1022.0	46	ESE	2	bc	1021.1	*	44	+3	E	1	-	c	1	-	53	41	c	bcm	cg	6.5			
	Aberdeen	1024.1	50	SE	5	o	1022.2	0	49	+1	SE	5	-	o	4	0.3	51	48	op	op	o.c	0.1			
	Leith	1021.0	50	ENE	2	o	1019.9	0	42	+1	ESE	1	E	bc	*	Trace	55	40	p.c.bc	c.o	o.c	*			
	Tynemouth	1021.8	51	SE	3	ogp	1019.1	-1	46	-5	-	0	SE	cm	3	1	53	41	ogp	bcp	cm.p	*			
	Spurn Head	1021.6	50	SSE	4	c	1019.6	-1	47	-3	SSW	2	-	cp	4	1	53	45	p.o.c	o.c	bc	1.0			
	Yarmouth	1020.3	50	E	4	bc	1019.6	-2	52	+1	S	4	S	c	4	-	54	49	bc	bc	bc.o	7.7			
	Clacton-on-Sea	1019.9	50	E	3	o	1018.5	0	48	-4	S	2	S	bc	2	1	55	46	c.bc	bc.c.o	o.c.bc	4.9			
	Nottingham	1021.0	45	E	1	b	1018.6	*	32	-14	E	2	-	me	*	-	55	31	c	c.b	bm	3.7			
	Bath	1019.2	51	E	2	b	1018.6	*	39	-7	NE	3	S	o	*	-	57	36	o.c.bc	bc.b	b.ong	4.7			
Sth Farnborough	1019.8	43	-	o	b	1018.4	-1	34	-12	-	0	-	fe	*	-	57	27	m.bc	c.bc.b	bm.fg	4.0				
London (Kew Obsy.)	1020.3	49	E	2	bm	1018.6	0	38	-9	WSW	1	-	omw	*	-	54	36	om.cm.bcm	om.cm.bcm	bm.omw	1.2				
FRANCE, &c.	Spitsbergen	1015.8	39	SW	10	o	1022.6	+3	36	+4	SSE	3	*	r	*	*	39	30							
	Vardö	1036.2	37	W	4	bc	1037.1	0	34	0	WSW	2	-	bc	2	*	41	34							
	Bodö	1036.7	41	E	1	b	1036.7	0	41	-2	E	2	-	b	2	-	46	37							
	Christiansund	1021.4	41	E	2	b	1032.4	-2	43	+6	E	2	-	c	2	-	46	37							
	Skudesnaes	1027.7	43	-	0	b	1031.8	0	39	-4	ESE	5	-	c	2	-	46	39							
	Færder (X'ania Fjord)	1036.7	39	NE	5	o	1035.0	0	37	-2	NE	5	-	o	2	-	41	37							
	The Scaw (Skagen)	1032.0	43	E	5	bc	1031.4	0	43	0	E	4	-	o	4	-	46	41							
	Blaavands Huk	1027.3	43	E	3	o	1030.4	0	41	0	E	2	-	o	4	-	48	37							
	Haparanda	1039.3	34	W	2	o	1042.1	+2	32	-2	NE	2	-	o	*	Trace	36	30							
	Hernösand	1039.9	37	-	0	o	1040.0	0	37	-2	N	2	-	c	*	-	41	36							
SOUTHERN EUROPE.	Stockholm	1036.3	37	NE	2	o	1036.0	0	36	-3	NE	2	-	o	*	1	41	34							
	Wisby	1034.4	37	NE	2	o	1034.3	0	36	0	E	2	-	o	*	-	43	34							
	Karlstad	1037.2	37	-	0	o	1036.0	-3	34	-3	ENE	2	-	c	*	-	41	32							
	Petrograd (5 a.m. G.M.T.)																								
	The Helder	1021.9	46	E	3	o	1021.5	0	45	0	ESE	2	-	o	2	-	48	45							
	C. Gris Nez	1019.1	46	E	3	r	1019.1	+1	40	-4	SSE	1	*	b	1	?	54	39							
	La Hève	1018.0	48	ENE	2	m	1017.6	*	43	-3	SE	2	*	f	2	-	55	39							
	Ushant	1017.6	54	S	2	c	1013.6	*	52	0	WNW	4	o	r	5	4	61	48							
	Brest (St. Mathieu)	1017.5	55	SE	3	c	1015.0	0	55	+3	S	5	*	r	3	2	61	?							
	Rochefort (Ile d'Aix)	1018.0	49	NE	2	c	1019.3	0	43	-3	SE	3	*	c	*	-	54	43							
AZORES &c.	Biarritz	1017.7	53	-	0	c	1017.3	+2	46	-2	ESE	2	*	o	2	3	59	45							
	Paris	1016.4	43	NE	1	b	1020.2	+2	39	0	-	0	-	f	*	-	55	39							
	Belfort	1016.6	45	ENE	3	m	1022.3	*	43	+3	-	0	*	m	*	-	50	40							
	Lyons	1018.9	46	-	0	o	1021.7	*	42	-2	-	0	*	bc	*	-	50	40							
	Nice																								
	Perpignan	1017.1	55	N	1	o	1019.8	+1	45	-9	SW	1	-	m	*	-	64	45							
	Sanguinaire		58	N	3	r		*	59		E	2	*	b	3	9	54	52							
	Corunna (7 a.m.)	1015.3	59	WNW	3	c	1019.8	+6	55	+9	SW	1	-	r	4	2	61	46							
	Madrid (8 a.m.)	1015.1	59	WSW	1	b	1021.6	+3	48	0	-	0	-	b	*	-	63	45							
	Lisbon (9 a.m.)	1016.6	61	NW	3	b	1018.6	+1	55	0	-	0	-	o	2	-	68	54							
Gibraltar	1016.2	63	W	4	b	1018.3	*	65	+7	E	5	*	m	1	-	75	56								
Rome																									
Malta (8 a.m.)		*	*	*	*	1015.4	+3	68	+2	WNW	4	-	bc	2	5	72	63								
Azores (Horta, 8 a.m.)	1016.3	*	NE	7	bc	1017.7	+2	60	-2	NNE	5	*	o	3	-	63	59								
Madeira (Funchal)	1016.6	66	ESE	2	o	1015.1	0	64	+3	ESE	2	-	o	2	1	68	61								
																						23	0.91	48	1.89
																						24	0.95	49	1.93
																						25	0.98	50	1.97

## RAINFALL.

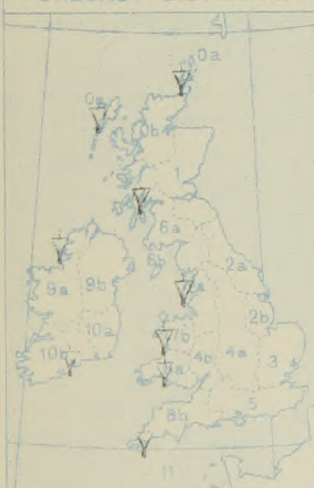
Equivalents of Millimetres.  
in Inches.

mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85



**FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.

Cones hoisted  
7 p.m.

Western Channel and Bay 11

**FURTHER OUTLOOK.**

Same as Nos. 6 and 7.

Light to moderate breezes between South-East and South-West, fresh at times locally; fair to dull, some showers and mist, moderate temperature.

Fresh to strong or high squally South-Easterly wind, moderating later; fair to dull, some rain, mist or fog; moderate temperature.

Southerly to Westerly winds, force variable; fair to dull, some rain, mist or fog; mild.

Same as Nos. 6 and 7.

Westerly breezes, fresh at times; fair to dull, some rain and mist, mild.

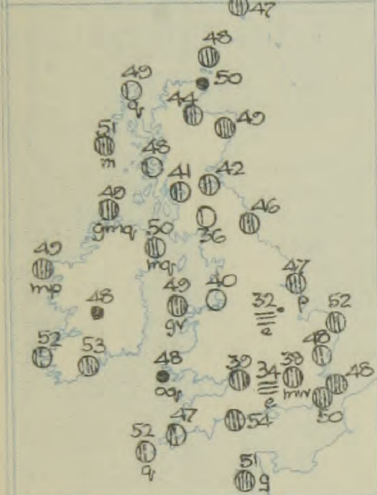
Southerly to Westerly winds, fresh and squally at times; sea moderate to rough, considerable Westerly swell; dull to fair, some rain and fog; mild.

# SYNOPTIC CHART FOR 7 a.m., THURSDAY, 21<sup>ST</sup> OCTOBER, 1915.

## GENERAL INFERENCE.

The depression over Ireland seems inclined to fill up, so that the strong winds in the west and north are expected to moderate, the weather continuing variable.

### TEMPERATURE, WEATHER AND SEA DISTURBANCE.



## 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



## DAILY WEATHER REPORT.

Thursday, 21<sup>st</sup> October 1915.REPORTS  
FOR  
YESTERDAY.20<sup>th</sup> October

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETR. 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.	
			Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.
		° F.						° F.	° F.								
Petrograd	1038.9	36	NE	2	0	1039.5	+1	44	+2	NNE	1	-	0	4	-	37	30

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		°F.	°F.				Tunbridge Wells ...	0.3	55	44	b.c.b	c.b.c	60
Oban ...	...	55	46	b.	b.c.c	62	Margate ...	...	53	49	c.b.c	b.b.c	27
Banff ...	...	51	43	cp	cp	1.1	Ramsgate ...	...	53	48	c.b.c	b.c.c	27
Carnoustie ...	...	...	...	...	...	...	Hastings ...	...	56	43	b.c.b	b	82
St. Andrews ...	5	53	45	*	*	5.0	Bexhill-on-Sea ...	...	...	...	...	...	...
England, N.E.							Eastbourne ...	...	56	43	m.b	b.c	5.5
Harrogate ...	0.7	50	39	cp	cp	0.2	Seaford ...	...	...	...	...	...	...
Skewness ...	...	55	47	oc.p	o.b.c	2.7	Brighton ...	...	58	44	b.c.c	c.b.c	5.1
England, N.W.							Worthing ...	...	57	43	b.c	b.c	5.1
Morecambe ...	...	52	41	b.c.c	o	0.5	Littlehampton ...	...	57	43	b	b.c.c	4.3
Blackpool ...	...	54	38	c.o	o	0.3	Bognor ...	0.3	55	43	b.c	b	6.9
Southport ...	...	54	38	o.c.c	c.c	0.2	Southsea ...	...	57	44	b	b	7.5
Midlands.							Bournemouth ...	...	56	41	b.c.b	b	6.5
Buxton ...	...	56	46	c.b.c	b.c.b	4.1	Weymouth ...	...	57	45	3.b.c	b.b.c	7.8
Leamington Spa ...	...	56	45	c.b.c	b.c.c	2.0	Torquay ...	3	53	45	op	p.o	0.0
Malvern ...	...	56	41	om	b.c	3.1	Paignton ...	...	...	...	...	...	...
Ross-on-Wye ...	...	...	...	...	...	...	Falmouth ...	...	57	43	b.c	cp.b	3.7
Wales.							Penzance ...	...	58	44	b.c.b	b.c	7.3
Rhyl ...	0.4	53	40	b.c	b.c	0.8	Newquay ...	...	58	39	b	b.c	5.8
Colwyn Bay ...	...	54	42	b.c	b.c	0.0	Ilfracombe ...	...	56	47	b	b.b.c	5.0
Llandudno ...	...	...	...	...	...	...	Weston-super-Mare ...	...	56	39	b.c.b	b.b.c	3.5
Aberystwyth ...	...	56	44	o.c	b.c.c	7.0							
Tenby ...	...	55	47	b.c	b.c.c	5.7							
England, E.													
Cromer ...	12	54	46	o.c	o.c	1.4							
Lowestoft ...	5	54	48	c	c.b.c	7.2							
Felixstowe ...	5	53	48	b.c	b.c.c	5.0							
Walton-on-Naze ...	8	54	48	b.c	b.c.c	4.8							
Southend-on-Sea ...	8	50	46	c.b.c	b.b.c	7.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	6 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	%	%	Hr.	° F.	° F.	° F.	mm.			
City (Bankhill Row) ...	61	40	11.0	55	36	27	—	o.c	c.b.c	b.c.c
Westminster (St. James's Fk.)	62	28	2.9	57	34	26	—	om	b.c.c	b.c.c
Camden Sq. (Brit. Rainfall)	61	44	11.5	57	27	33	—	b.c.c	b.c.c	—
Hampstead (Reservoir) ...	—	46	11.8	53	39	25	—	b.c	om	ofa
Richmond Park ...	—	—	2.8							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	58	86	2.1	Total. 443 Joules			Average Rate. 11.5 Milliwatts.		Max. Rate. 30 Milliwatts.	

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

STATIONS.	Sunrise, Noon, Sunset.		
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	6.30	11.38	4.46
Greenwich ...	6.35	11.45	4.55
Wick ...	7.3	11.57	4.51
Valencia ...	7.17	12.26	5.31

NOTE - The information relating to weather is indicated by the following letters: - b. blue sky; bc. sky half clouded;  
c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder;  
u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; y. dust-haze, or smoke.

## NOTES ON YESTERDAY'S WEATHER.

Temperature was up to or above the normal in most districts. Rain fell at many stations, heavily in southern Ireland, 42 mm. at Valencia. Sunshine varied greatly, several localities had none, Hastings more than eight hours.

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

Friday,  
22nd October, 1915.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	BAROM. Milli- bars at M.S.L.	TEMP. °F.	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.			
			Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																					
Lerwick ...	1025.0	48	SE	5	cp	1024.7	0	48	+1	SE	6	-	o	7	3	48	45	bcp	bc	cp	Hours.
Deerness ...	1021.0	49	ESE	5	c	1021.3	0	50	+2	SE	6	S	cu	5	1	51	47	o	o.c	cp.o.c	2.0
Stornoway ...	1016.0	51	SE	6	cq	1016.9	0	49	0	SSE	6	-	bcg	5	-	53	49	bcg	bc.cq	e.bcg	3.0
Castlebay (Barra Isd.)	1014.4	52	SE	5	om	1015.4	0	52	+1	SE	5	-	om	5	-	52	49	om	om	om	0.3
Glasgow ...	1017.8	44	E	2	bc	1021.0	+2	37	-4	E	2	-	b	Trace	51	36	bc.c	c.o.cq	by.cma	4.5	
Eskdalemuir ...	1019.4	42	N	1	o	1021.8	+1	35	-1	N	3	-	bc	-	50	33	b.bc	bcg.c.o	o.c.bcm	6.3	
Malin Head ...	1013.5	49	SE	5	cqg	1014.2	0	48	-1	S	3	S	cg	3	-	51	46	om	bcg.g	cg	0.0
Blacksod Point	1010.4	53	S	5	omgr	1010.7	0	54	+5	S	8	S	omd	6	3	54	52	bc	cg.m	omp	7
Valencia ...	1013.5	54	S	3	c	1013.4	0	55	+3	SSE	3	S	o	3	5	58	52	bcv	c.b.v.p	cp	7.7
ROCHE'S POINT.																					
Roche's Point	1015.5	53	W	2	bc	1017.2	0	56	+2	SW	3	-	o	4	0.4	59	51	o.bc	bc	bc.bcp	3.4
Birr Castle ...	1014.4	47	SW	1	bc	1015.5	0	49	+1	SE	2	-	c	1	55	44	or	o.c.bc	bc.c	3.4	
Donaghadee ...	1015.0	50	SSE	4	cg.m	1017.6	+1	50	0	S	3	S	bemp	2	1	52	49	cg.o	cg.m	cm.omp	3
Liverpool (Bldston)	1017.1	47	ESE	2	c	1020.4	+1	45	+5	SE	2	E	og	2	-	50	40	o	o.c	o	1.4
Holyhead ...	1015.2	50	SE	2	bm	1018.7	+1	43	-6	SW	2	-	og	1	1	54	41	or.o.c	bc.o.bc	bcg.o.c	1.6
Pembroke (St. Ann's)	1015.4	46	E	2	b	1019.2	+1	46	-2	E	2	-	bcm	4	4	54	44	o.cq.ph	bcg.p.b	b.bef	3.1
SCILLY ISLANDS.																					
Scilly (St. Mary's)	1016.5	55	WNW	3	bc	1018.5	0	53	+1	WNW	2	SW	cop	4	1	59	46	b	b	b.bc.c	8.9
Falmouth ...	1017.0	50	W	2	b	1019.7	+1	45	-2	W	1	-	b	2	2	60	44	bc.c	p.bc.c	bcg.bc	7.0
Jersey (St. Aubin)	1017.2	54	SSW	3	omgp	1020.7	0	45	-6	W	3	W	c	3	4	55	45	ogmr	ogmr	c.b.w.c	0.0
Portland Bill ...	1015.9	53	SW	4	cp	1020.0	+2	51	-3	W	2	-	bc	3	8	56	49	or	opl	bc.c	0
Dungeness ...	1018.7	52	S	4	o	1020.9	+2	51	+1	ESE	3	SE	c	3	4	55	49	o.c.o	o.c.o	o.c.bc	0
Dover ...	1019.5	51	SW	4	op	1022.3	+3	49	+1	SSE	3	SE	bc	2	2	53	47	c.bc.op	op.or	op.o.bc	0.3
WICK.																					
Wick ...	1020.2	50	SE	5	o	1020.7	0	51	+1	SE	5	-	o	5	3	52	47	cg	cg.p.om	omgp	0
Nairn ...	1019.1	47	ESE	1	og	1020.3	0	36	-8	SSE	1	-	bc	1	-	51	35	cg	cg	c.b.c	2.0
Aberdeen ...	1020.8	48	SE	4	o	1022.5	+2	50	+1	SSE	3	-	c	4	6	52	47	c.o	ogrp	op.c	0.2
Leith ...	1018.2	47	ESE	1	o	1021.2	+1	38	-4	ESE	1	-	by	Trace	53	34	c	c	b	0	
Tynemouth ...	1018.7	50	ESE	2	b	1021.6	+2	38	-8	-	0	-	f	4	1	50	38	cmp	bc	f	0
Spurn Head ...	1019.1	50	S	3	c	1021.8	+2	50	+3	S	3	S	bc	5	-	53	43	c	c	bc	0.2
YARMOUTH.																					
Yarmouth ...	1019.6	50	SSW	2	r	1022.4	+2	45	-7	NNW	1	-	bc	2	5	53	44	bcm	bc.omr	omr.bc	1.5
Clacton-on-Sea	1019.5	53	SSE	4	o	1022.1	+1	51	+3	SSE	3	SE	bc	2	1	55	47	bc.c.o	o	or.c.bc	1.8
Nottingham ...	1018.6	45	E	1	c	1021.5	0	40	+8	ESE	1	-	ome	-	50	31	f.m.c.o	om.c	bcm	0.1	
Bath ...	1016.4	49	SE	1	r	1020.0	0	47	+8	E	0	-	o	3	52	38	r.o	c.or	or	0.3	
Sth Farnborough	1017.9	47	SE	1	m	1020.4	+2	45	+11	SE	1	S	bcm	1	48	34	f.e.m	omd	op.b.bcm	0.0	
London (Kew Obsy.)	1018.7	49	SSE	1	om	1021.3	+2	44	+6	ESE	1	S	cmw	0.2	51	38	omw.opl	of.ond.om	om.cmw	0.0	
NORTHERN EUROPE.																					
Spitsbergen ...	1026.0	34	WNW	4	o	1025.0	+1	34	-2	S	4	-	r	1	36	32					
Vardö ...	1038.0	39	-	0	o	1035.9	-1	32	-7	SW	1	-	bc	2	-	41	34				
Bodö ...	1036.7	41	E	2	b	1037.7	0	34	-7	E	2	-	b	2	-	45	32				
Christiansund	1031.7	41	-	0	b	1032.9	0	37	-6	SE	2	-	b	2	-	45	37				
Skudesnaes ..	1031.1	43	E	5	b	1030.7	0	41	+2	E	5	-	c	2	-	45	39				
Færder (Kianiafjord)	1035.0	39	ESE	5	o	1034.7	+1	39	0	ESE	4	-	o	2	-	39	37				
The Scaw (Skagen)	1031.4	41	E	4	o	1031.4	0	41	-2	E	4	-	o	4	-	43	39				
Blaavands Huk	1026.3	43	E	2	o	1027.7	0	43	+2	E	2	-	o	3	-	46	39				
HAPARANDA.																					
Haparanda ...	1012.9	32	NNE	2	o	1043.1	0	28	-4	N	2	-	o	-	34	27					
Hernösand ...	1041.3	36	N	2	o	1041.6	0	34	-3	NE	2	-	c	3	37	32					
Stockholm ...	1035.7	39	E	4	o	1036.3	0	39	+3	E	4	-	o	Trace	39	34					
Wisby ...	1034.6	36	SSE	2	o	1033.9	0	39	+3	ESE	2	-	o	-	43	34					
Karlstad ...	1035.8	37	NE	2	o	1036.8	+1	36	+2	-	0	-	o	-	37	34					
Petrograd (S.A.M. G.M.T.)																					
FRANCE, &c.																					
The Helder ...	1022.1	46	E	3	o	1024.6	+3	45	0	E	1	-	b	1	-	48	41				
C. Gris Nez ...	1019.7	50	S	4	r	1021.7	+1	44	+4	SE	4	-	bc	2	1	54	43				
La Hève ...	1019.3	45	SSE	3	r	1021.3	0	46	+3	SSE	3	-	m	2	16	54	41				
Ushant ...	1017.6	57	NW	3	o	1018.9	0	56	+4	SW	3	-	c	5	-	61	52				
Brest (St. Mathieu)	1020.0	57	N	3	o	1021.2	0	55	0	S	2	-	c	3	6	61	52				
Rochefort (Ile d'Aix)	1021.1	44	SE	4	c	1021.2	0	49	+6	SSE	3	-	c	-	-	59	48				
Biarritz ...	1020.7	59	-	0	b	1019.7	-1	53	+7	ESE	3	-	b	4	-	61	48				
PARIS.																					
Paris ...	1021.2	43	SE	1	b	1023.0	+2	43	+4	-	0	-	o	2	52	39					
Belfort ...																					
Lyons ...	1022.4	48	-	0	m	1025.6	0	40	-2	WISW	3	-	f	-	58	40					
Nice ...	1020.2	54	-	0	bc	1021.0	+1	51	-2	E	2	-	b	2	Trace	64	46				
Perpignan ...	1021.1	52	-	0	o	1021.9	0	45	0	W	1	-	b	-	-	63	41				
Sanguinaire ...																					
SOUTHERN EUROPE.																					
Corunna (7 a.m.)	1020.0	55	NW	2	o	1018.0	0	57	+2	SE	2	-	o	3	-	61	50				
Madrid (8 a.m.)	1019.5	59	-	0	o	1021.1	+1	54	+6	N	1	-	o	-	-	63	52				
Lisbon (9 a.m.)	1017.7	63	N	1	o	1016.9	+1	57	+2	N	2	-	o	6	-	64	55				
Gibraltar ...	1017.6	64	E	5	o	1017.6	0	65	0	E	5	-	o	3	-	69					

## South Farnborough

Pilot Balloon Ascent at about 7 a.m.

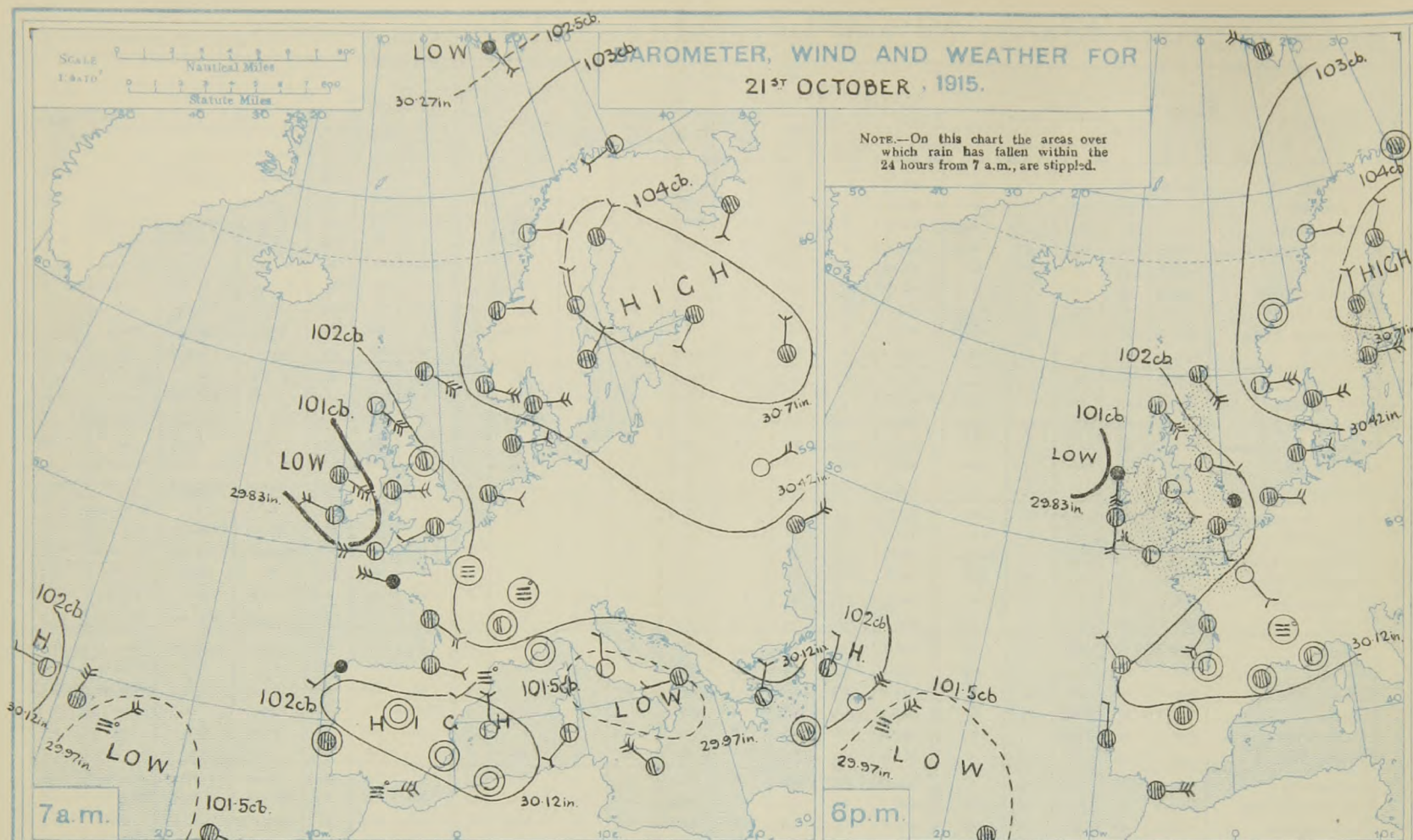
1500 metres SW by S 15 miles per hour

500 metres S 15 miles per hour.

\* Information for these columns not usually received

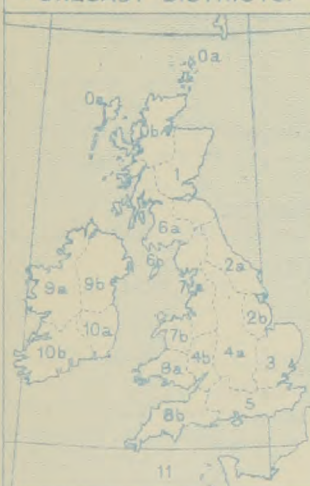
† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.



FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings  
Issued.

Western Channel and Bay 1)

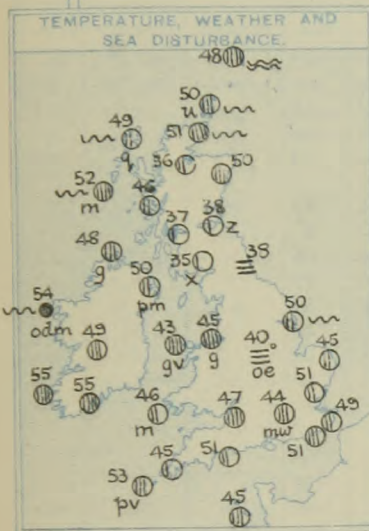
- |    |   |   |   |
|----|---|---|---|
| 0  | a | } | Squally, strong to moderate South-Easterly wind;<br>dull to fair; local showers and mist; moderate temperature                |
|    | b |   |   |
| 1  |   | } | Light variable breezes between South-East and<br>South-West; cloudy to fine, local showers and mist;<br>moderate temperature. |
| 2  | a |   |   |
|    | b |   |   |
| 3  |   |   |   |
| 4  | a |   |   |
|    | b |   |   |
| 5  |   |   |   |
| 6  | a |   |   |
|    | b |   |   |
| 7  | a |   |   |
|    | b |   |   |
| 8  | a | } | Light variable Westerly and Southerly breezes;<br>fair to fine, local showers and mist; moderate temperature                  |
|    | b |   |   |
| 9  | a | } | Southerly wind moderating; dull to fair, some<br>showers and mist; moderate temperature.                                      |
|    | b |   |   |
| 10 | a | } | Light to moderate Southerly and South-Westerly<br>breezes; dull to fair; some showers and mist; moderate<br>temperature.      |
|    | b |   |   |

FURTHER OUTLOOK.

# SYNOPTIC CHART FOR 7 a.m., FRIDAY, 22<sup>nd</sup> OCTOBER, 1915.

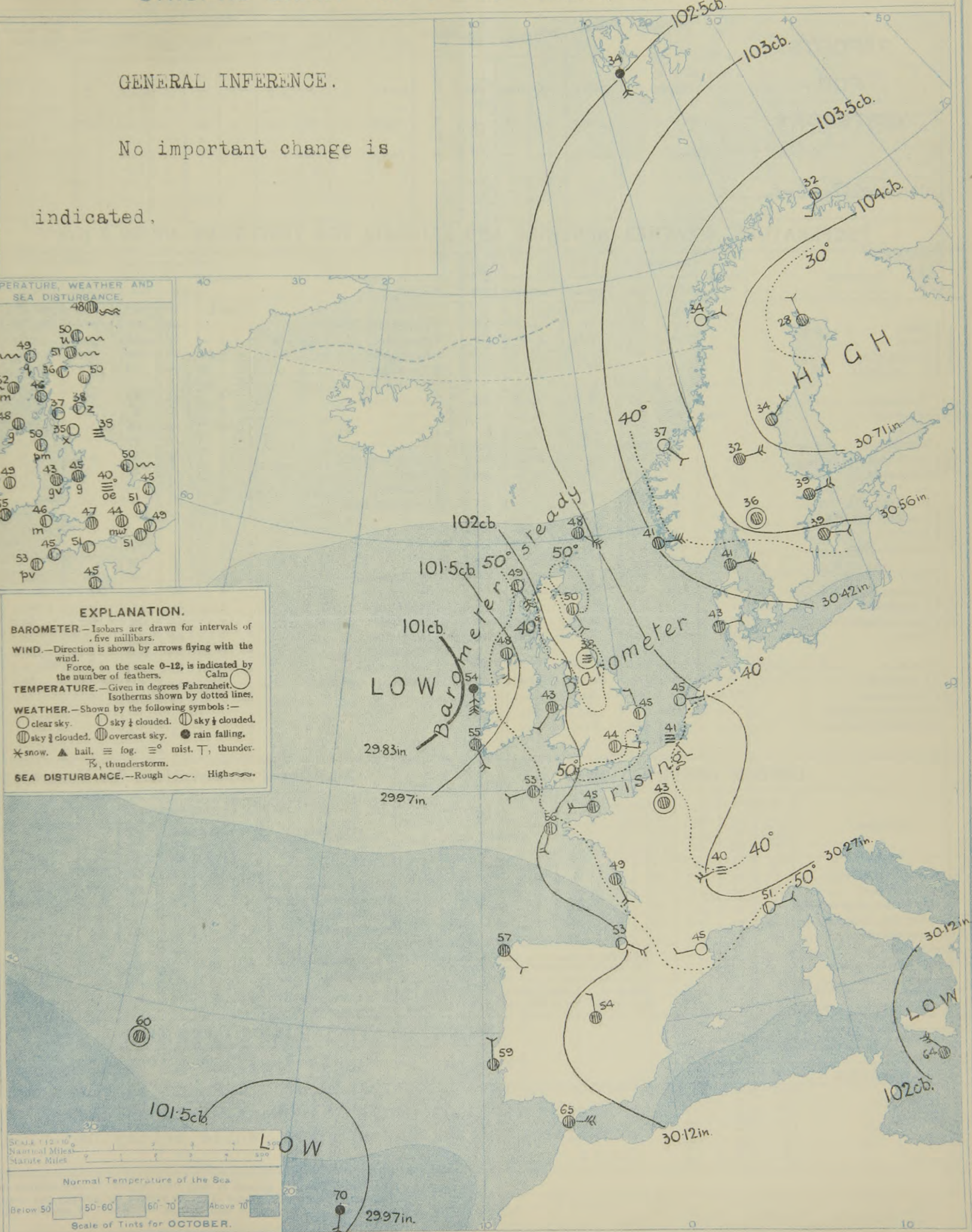
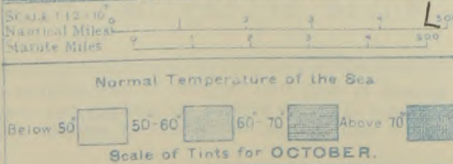
## GENERAL INFERENCE.

No important change is indicated.



## 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  $\frac{1}{2}$  clouded. ○ sky  $\frac{3}{4}$  clouded.  
 ○ sky  $\frac{1}{2}$  clouded. ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 T, thunderstorm.  
**SEA DISTURBANCE.**—Rough High



## DAILY WEATHER REPORT.

Friday, 21<sup>st</sup> October 1915.

## REPORTS

FOR  
YESTERDAY.21<sup>st</sup> October

## STATIONS.

## EVENING OBSERVATIONS.

BAROM.  
Milli-  
bars at  
M.S.L.

TEMP.

## WIND.

Direc.

Force

0-12.

Weather.

## OBSERVATIONS AT 7 A.M., G.M.T.

BAROMETER.  
Milli-  
bars at  
M.S.L.Change  
in 3  
hours.TEMP.  
Dry  
Bulb.Change  
in 24  
hours.

WIND.

Direc.

Force

0-12.

Direc.  
of  
Upper  
Cloud.

Weather.

Sea  
0-9.Rain-  
fall.  
Milli-  
metres.TEMP.  
Max.

Min.

Petrograd

1039.4

36

SSE

2

0

1041.0

+1

34

0

SW

2

-

0

8

-

-

37

34

Nice

1016.3

53

E

2

3

1018.6

+1

53

2

-

0

8

2

-

61

46

Rome

1014.3

57

W

1

0

1012.7

0

55

-

W

1

-

3

8

-

64

54

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.							Tunbridge Wells ...						
Oban ...	...	55	46	b	bc	3.8	Margate ...	...	54	32	mc.c	o.c.c	0.4
Banff ...	...	50	41	c.bc	c.o	1.9	Ramsgate ...	...	53	45	b.bc.c	c.c.p	1.3
Carnoustie ...	...						Hastings ...	...	56	43	bc.c	o	1.2
St. Andrews ...	...						Bexhill-on-Sea ...	...			bc.c	o	0.6
England, N.E.							Eastbourne ...	...	56	37	om	o.bc.c	0.6
Harrogate ...	...	49	37	bc.c	bc.c	3.6	Seaford ...	...	56	35	bc	r.o	1.0
Skegness ...	0.4	53	43	o.c	bc.c.c	1.1	Brighton ...	...	56	36	c.bc.c	c.c.c	0.8
England, N.W.							Worthing ...	...	56	37	c	r.o	0.4
Morecambe ...	...	50	42	bc	c	2.0	Littlehampton ...	...	55	42	o.bc	r.o	0.4
Blackpool ...	...	52	38	o.c	o.bc.c	1.7	Bognor ...	...	55	39	o	o.c	0.7
Southport ...	...	51	38	c	c.o	0.3	Southsea ...	...	55	40	o	o.c	0.0
Midlands.							Bournemouth ...	...	51	41	o.c	o.c	0.1
Buxton ...	...	47	32	c	c	0.1	Weymouth ...	...	56	49	o.c	r.c	0.2
Leamington Spa ...	...	48	30	f.o.c	o.c	0.0	Torquay ...	...	58	50	o.c.bc	p.o	1.8
Malvern ...	...	47	35	c.bc.c	o.c	0.6	Paignton ...	...	60	48	b.p	p.bc	2.6
Ross-on-Wye ...	5	48	33	o.c	bc.c	0.0	Falmouth ...	...	60	46	bc.c	bc	1.0
Wales.							Penzance ...	...	60	48	r.b	bc	8.7
Rhyl ...	...	52	38	bc	c	2.6	Newquay ...	...	59	43	bc	c.bc.c	6.3
Colwyn Bay ...	...	52	41	bc	bc	1.6	Ilfracombe ...	...	56	47	c.bc.c	bc.c	1.8
Llandudno ...	...						Weston-super-Mare ...	...	54	40	bc.c	c.c	0.2
Aberystwyth ...	1	52	45	r.o.c	bc.c	3.2							
Tenby ...	12	55	47	r	bc.c	1.8							
England, E.													
Cromer ...	1	53	46	o.c.m	om	0.0							
Lowestoft ...	7	55	41	bc.c.c	o.c	1.6							
Felixstowe ...	15	53	45	bc.m	c	2.5							
Walton-on-Naze ...	1	53	45	bc.c	bc	2.7							
Southend-on-Sea ...	...	53	42	bc.c	c.o	1.0							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.				
				Max.	Min.		Max.											Min.			
				24 HOURS ENDED 9 A.M. TO-DAY.																	
Greenwich (Royal Obsy.) ...	% 82	% 89	Hr. 0.0	° F. 53	° F. 44	° F. 34	mm. § 1	a.c	o	a.c. bc	Dublin to 4 p.m.	mm. § -	° F. 50	° F. 38	° F. 30	Night. bc	Fore- noon. bc	After- noon. bc o	Hr. 2.1		
City (Bunhill Row) ...	%	%	0.0	%	%	%	%	%	%	%	Darwen to 9 p.m.										
Westminster (St. James's Pk.)	79	83	0.0	53	41	41	1	me	omr	bc	Manchester "										
Camden Sq. (Brit. Rainfall)	93	96	0.0	50	42	38	1	f. ogm	ogm	*	Birmingham "	1	46	37	24	bc	c.o	o.or	o.o		
Hampstead (Reservoir) ...	%	93	0.0	50	41	28	Trace	of	of	omx. om	Oxford to 8 p.m.	*							*		
Richmond Park	%	%		VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										Teignmouth to 9, Plymouth							
Kew. (See front page.)				Total.		Average Rate.		Max. Rate.			S. Kensington	1	53	40	29	b. bc. c	of. ofr	omx. om	*		
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				199	Joules	5.4	Milliwatts.	20	Milliwatts.		(Museum Grounds to 6 p.m.)										
S. Kensington (Roof of M.O.)	80	85	0.0																		

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

STATIONS.	21 <sup>st</sup> October, 1915.			22 <sup>nd</sup> October, 1915.		
	Sunrise.	Noon.	Sunset.	Sunrise.	Noon.	Sunset.
Yarmouth ...	6.32	11.38	4.13	6.34	11.37	4.12
Greenwich ...	6.38	11.45	4.12	6.39	11.44	4.11
Wick ...	7.6	11.57	4.18	7.8	11.56	4.17
Valencia ...	7.19	12.26	5.35	7.21	12.25	5.34

## NOTES ON YESTERDAY'S WEATHER.

Temperature ranged from 48° at Lerwick and Farnborough to 60° at Falmouth. Rain fell in most places, 14 mm. at Pembroke. Many stations had no sunshine or less than an hour, while Scilly had nine hours.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of 41 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

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

Saturday,  
23rd October, 1915.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	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. ° F.	WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-8.	Rain- fall, Milli- metres.	TEMP.		WEATHER.			
			Dirac.	Force 0-12.						Dirac.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																					
Lerwick ...	1027.0	48	SSE	5	bc	1023.5	-3	47	-1	SSE	4	S	bc	5	3	49	45	cp	bc	bc	Hours.
Deerness ...	1022.7	50	SE	5	bc	1018.3	-	49	-1	SSE	5	-	o	5	2	51	48	cp.c	c.o.bc	ap.o	1.7
Stornoway ...	1016.8	52	SE	5	cg	1013.3	-1	50	+1	SE	4	-	o	4	-	53	47	cg	cg	bc.o	0.3
Castlebay (Barra Isd.)	1015.2	53	SE	5	om	1010.7	-2	51	-1	SE	5	-	om	5	Trace	53	51	m.o.m	om.p	om	0.0
Glasgow ...	1020.1	46	E	2	c	1015.1	-2	45	+8	E	1	-	o	1	0.2	50	36	m.o.c.g	o.g	c.o.damp	1.3
Eskdalemuir ...	1020.7	46	SE	3	o	1016.4	-1	45	+10	SSE	2	-	or	1	0.3	51	34	bc.bc	bc.c.o	om	5.2
Malin Head ...	1013.5	52	S	5	cm	1010.1	-2	49	+1	SE	4	-	om	3	-	55	47	bc.g	b.g	om	2.0
Blacksod Point ...	1009.1	55	S	8	om	1007.9	0	48	-6	SE	3	SE	cg	4	25	58	47	om	om	om	0.7
Valencia ...	1011.3	53	SSE	4	o	1009.1	+2	52	-3	NW	3	NW	bc	4	9	60	52	ap	vg	r.or.c	0.7
Roche's Point ...	1015.5	56	S	3	o	1009.1	-	53	-2	SW	2	-	o	5	17	58	53	ap.c	o	or	-
Birr Castle ...	1014.3	53	SSE	2	c	1007.7	-	49	0	SSE	1	-	o	1	3	58	48	e	ap	ap.o	1.2
Donaghadee ...	1016.5	51	SSE	3	cm	1011.7	-2	52	+2	SE	4	SE	cm	3	3	54	50	cm	cm	cg	-
Liverpool (Bidston) ...	1019.8	47	ESE	2	m	1015.6	-2	48	+3	ESE	3	E	cg	2	-	51	43	om	bc	om	1.4
Holyhead ...	1018.1	53	SSE	3	om	1012.6	-3	51	+8	SSE	5	S	om	4	4	57	43	o.c.bc.c	c.o.m	o.bc.or	2.5
Fernbrooke (St. Ann's)	1018.5	55	SSW	3	cg	1012.5	0	53	+7	S	6	-	cg	6	2	57	46	bc.c	bc.c	vg	2.5
Scilly (St. Mary's)	1016.5	55	SE	4	c	1012.3	0	55	+2	S	1	SW	o	5	8	60	51	bc	c	c.o.m	1.2
Falmouth ...	1018.1	55	SSE	4	o	1013.3	-	57	+12	SE	3	-	r	4	7	58	44	b.bc.o	o	o	1.5
Jersey (St. Aubin)	1020.4	54	SE	2	bm	1016.5	-	54	+9	SE	4	-	o	3	-	60	45	c	c.b	c.o	3.6
Portland Bill ...	1020.2	56	SE	3	cu	1016.3	-1	54	+3	SSE	4	SE	cu	3	-	60	49	bc	bc.c	c	0
Dungeness ...	1021.4	53	SW	1	bc	1012.9	-1	52	+1	SE	3	-	o	3	-	56	51	bc	bc	bc.c.o	-
Dover ...	1022.0	52	SE	3	b	1019.8	-1	50	+1	SE	3	SE	b	3	-	55	49	bc.b	b	b.bc	7.7
Wick ...	1021.3	50	SE	5	c	1017.2	-1	50	-1	SE	5	SE	o	5	1	52	49	om	om	om	-
Nairn ...	1019.7	49	ESE	1	om	1015.7	-	43	+7	-	0	-	om	1	0.1	54	35	cg	c.o	cm	3.6
Aberdeen ...	1022.6	51	SE	5	o	1017.5	-2	51	+1	SE	5	-	o	4	Trace	53	49	c.o	o	op	1.0
Leith ...	1020.1	47	SE	2	bc	1015.7	-1	47	+9	ESE	2	-	o	1	Trace	53	39	bc	c.bc	c	-
Tynemouth ...	1021.5	52	SE	2	om	1017.7	-2	48	+10	S	3	S	cm	4	-	52	38	f	om	cm	-
Spurn Head ...	1021.8	54	SSE	5	o	1019.4	-2	52	+2	S	6	-	og	5	-	55	47	bc	cg	o.c.g	6.2
Yarmouth ...	1023.4	53	S	3	b	1020.4	-1	51	+6	SSE	4	S	bc	4	-	56	45	bc	b	bc	7.0
Clacton-on-Sea ...	1022.5	53	SSE	3	bc	1019.8	0	53	+2	SE	3	S	c	3	-	55	51	bc	bc	bc.c	6.9
Nottingham ...	1020.9	47	S	1	bc	1018.3	-	46	+6	ESE	1	SE	c	1	-	52	38	om	om.c	bc.bm	0.0
Bath ...	1020.3	51	E	1	c	1016.9	-	48	+1	E	1	SE	o	1	-	57	45	m.o.c.bc	c.bm	c.bc.o	3.5
St. Farnborough ...	1021.0	50	SE	2	bc	1018.0	0	43	-2	SE	2	W	bc	1	Trace	60	42	m.bc	bc	bc	6.5
London (Kew Obsy.)	1021.8	52	SSE	1	om	1018.7	0	45	+1	ESE	2	-	om	1	-	58	44	om	om	om	3.2
NORTHERN EUROPE.																					
Spitsbergen ...	1022.3	36	S	2	o	1022.7	+2	30	-4	NW	2	-	S	1	-	34	27				
Vardö ...	1037.2	26	WSW	1	bc	1036.2	-1	34	+2	W	1	-	b	2	-	36	30				
Bodö ...	1040.4	32	E	1	b	1037.0	-2	30	-4	E	2	-	b	2	-	39	28				
Christiansund ...	1032.8	37	SE	1	b	1031.0	0	36	-1	SE	2	-	b	1	-	43	36				
Skudesnaes ...	1026.6	42	SE	1	o	1024.4	-1	45	+4	SE	2	-	c	2	-	46	41				
Færder (Xania Fjord)	1033.5	39	NE	5	o	1032.0	0	37	-2	NE	4	-	o	2	-	41	37				
The Scaw (Skagen)	1022.9	43	ESE	5	o	1028.4	0	43	+2	ESE	4	-	o	4	2	45	41				
Blaavands Huk ...	1027.9	43	E	2	c	1024.3	-1	44	-3	E	1	-	o	1	-	48	39				
Haparanda ...	1041.9	32	N	1	o	1038.6	-2	30	+2	-	0	-	o	1	-	34	28				
Hernösand ...	1041.3	36	-	0	o	1038	-1	36	+2	N	2	-	c	1	-	37	34				
Stockholm ...	1035.3	37	E	2	o	1032.0	0	36	-3	ESE	2	-	o	1	-	39	34				
Wisby ...	1032.8	39	NE	2	o	1031.3	0	37	-2	ESE	2	-	o	1	-	45	36				
Karlstad ...	1035.1	37	ENE	4	o	1033.0	-3	34	-2	-	0	-	o	1	-	39	30				
Petrograd (5 a.m. G.M.T.)																					
FRANCE, &c.																					
The Helder ...	1025.3	48	E	2	b	1023.0	-2	37	-8	SSE	1	-	b	1	-	52	34				
C. Gris Nez ...	1022.3	49	E	3	c	1020.2	-2	44	0	SE	2	-	bc	2	-	57	43				
La Hève ...	1019.1	54	NE	2	bc	1017.5	-	43	-3	SE	4	-	f	3	-	59	39				
Ushant ...	1018.3	57	SW	5	o	1014.1	-	57	+1	S	5	-	o	5	-	61	50				
Brest (St. Mathieu)	1017.2	58	SE	3	o	1016.4	-2	54	-1	SE	4	-	o	3	-	61	52				
Rochefort (Ile d'Aix)	1018.7	55	NW	2	bc	1016.2	0	46	-3	ENE	3	-	b	1	Trace	66	45				
Biarritz ...	1016.4	60	E	2	c	1013.6	0	55	+2	SE	1	-	c	2	-	70	52				
Paris ...	1022.3	48	E	1	c	1020.2	0	36	-7	-	0	W	b	1	-	57	36				
Belfort ...																					
Lyons ...	1022.6	48	N	2	b	1021.6	-	37	-3	-	0	-	b	1	-	55	36				
Nice ...	1018.7	53	-	0	b	1019.9	+1	50	-1	E	2	-	b	2	-	66	46				
Perpignan ...	1019.3	50	-	0	b	1018.3	+1	45	0	-	0	-	m	1	-	44	41				
Sanguinaire ...		61	N	2	m			58		E	2	-	bc	2	-	79	52				
SOUTHERN EUROPE.																					
Corunna (7 a.m.)	1016.0	61	W	1	b	1015.0	+2	54	-3	SSE	3	-	r	4	-	66	52				
Madrid (8 a.m.)	1015.5	64	WSW	1	c	1017.1	+3	52	-2	-	0	-	c	1	-	68	50				
Lisbon (9 a.m.)	1014.7	64	SW	3	c	1015.3	+1	59	+2	NW	2	-	bc	5	-	72	57				
Gibraltar ...	1016.6	66	E	4	o	1015.6	-	64	-1	SW	2	-	o	1	1	68	63				
Rome ...																					
Malta (8 a.m.)						1017.9	+1	63	-1	WNW	2	N	b	1	-	70	61				
Azores (Horta, 8 a.m.)	1015.1	-	NNE	6	m	1022.0	+2	60	0	N	1	-	m	2	-	72	59				
Madeira (Funchal)	1009.6	70	S	5	o	1010.4	0	66	-4	N	4	-	o	3	10	70	64				

South Farnborough

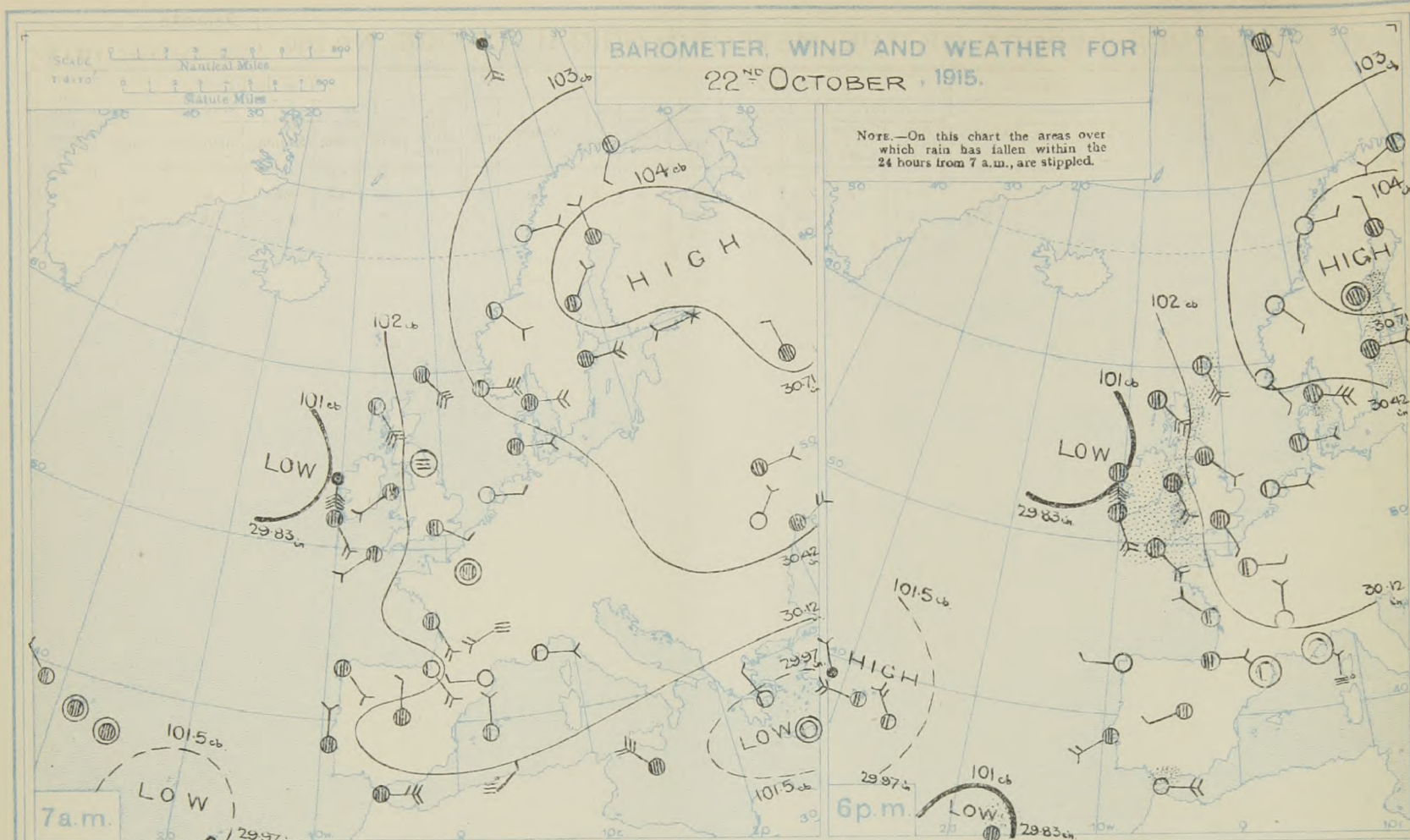
Pilot Balloon Ascent at about 7 a.m.

500 metres SSE 24 miles per hour.

\* Information for these columns not usually received.

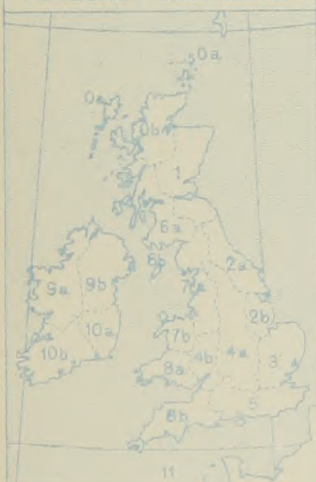
† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.



FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

No Warnings  
Issued.

Western Channel and Bay 11

South-Easterly and Southerly winds, moderate to fresh, but at times strong and squally locally; cloudy to dull, some rain, mist or fog; moderate temperature.

Light to moderate South-Easterly to Southerly breezes; fair to dull, some rain and mist; moderate temperature.

Same as Nos. 0 to 2.

Light to moderate Westerly to North-Westerly breezes, backing Southerly again later; fair to dull, some rain, mist or fog; moderate temperature.

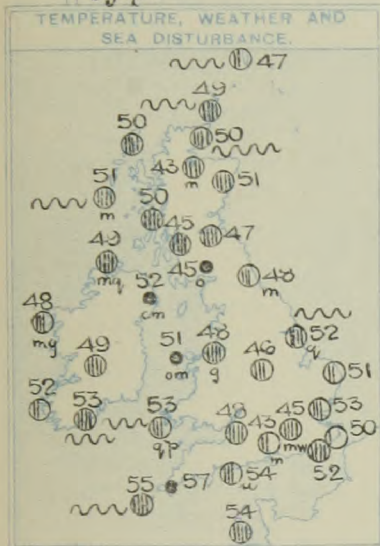
Southerly winds, fresh at times, sea moderate to rather rough; cloudy to dull; some rain and fog; moderate temperature.

**FURTHER OUTLOOK.**

# SYNOPTIC CHART FOR 7 a.m., SATURDAY, 23<sup>RD</sup> OCTOBER, 1915.

## GENERAL INFERENCE.

The depression over Ireland will probably move northward or north-westward, the general situation remaining of a changeable type.



## EXPLANATION.

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

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

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

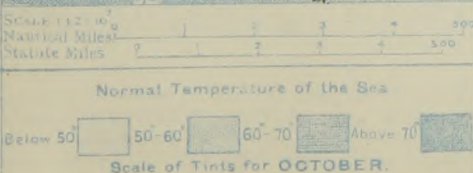
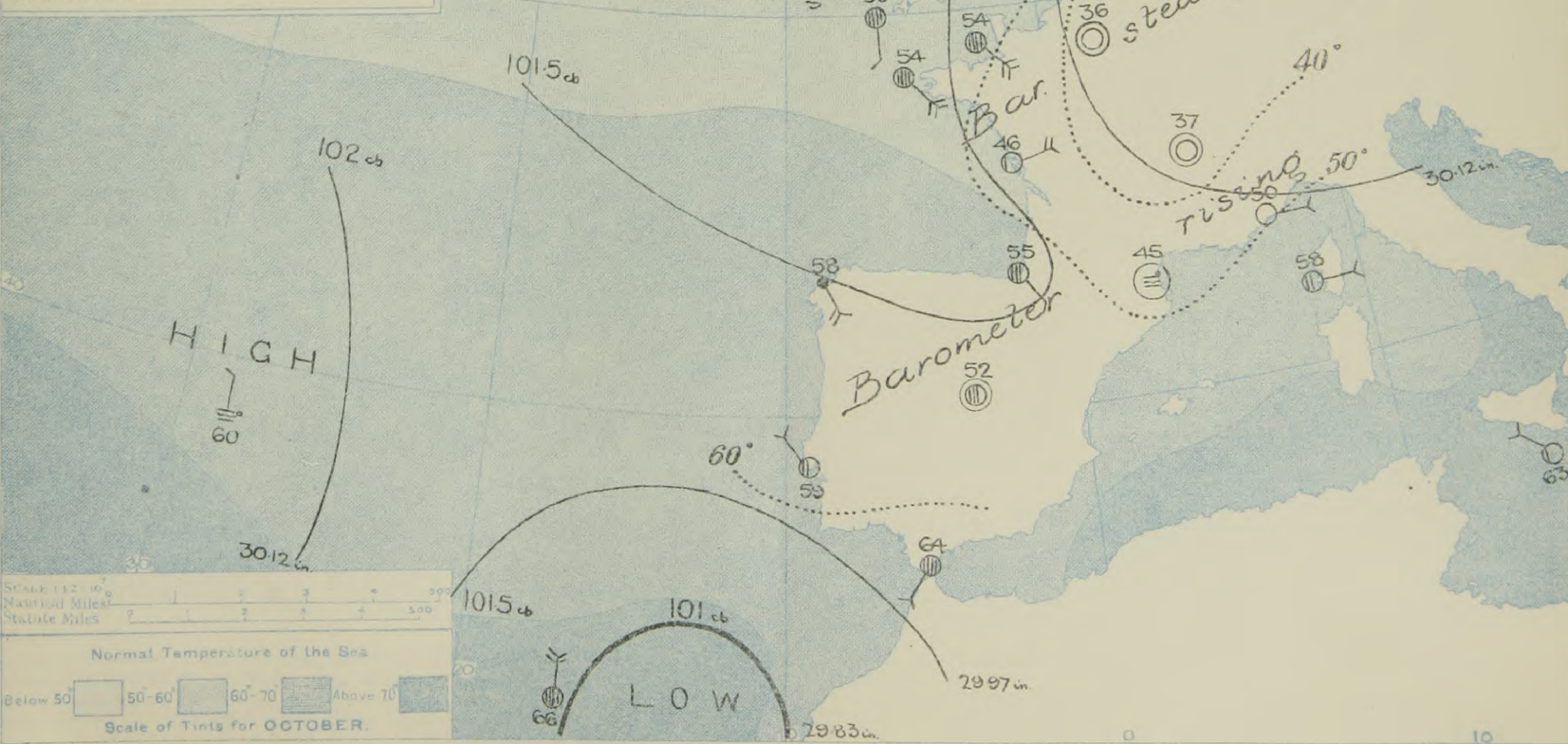
**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded. ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 ⚡, thunderstorm.

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

31

30

29



10

## DAILY WEATHER REPORT.

Saturday, 23<sup>rd</sup> October 1915.REPORTS  
FOR  
YESTERDAY.22<sup>nd</sup> October

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Multi-metres.	TEMP.	
	BAROM. Milli-bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Direc.	Force 0-12.		Milli-bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.							
		° F.						° F.	° F.									
Petrograd	1041.5	34	NNW	2	S	1039.0	-2	34	0	W	2	-	S	*	1	36	34	
Belfort	1024.5	45	E	3	m	1023.9	+	39		E	4	*	f	+	-	53	36	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		°F.	°F.				Tunbridge Wells ...		°F.	°F.			
Oban ...	-	55	43	bc	bc	1.0	Margate ...	3	56	46	b	b	6.5
Banff ...	7	52	44	bc	bc	1.5	Ramsgate ...	2	56	44	bc	bc	6.8
Carnoustie ...	-	53	34	*	*	2.3	Hastings ...	-	56	51	c. bc	bc	0.5
St. Andrews ...	-	53	34	*	*	2.3	Bexhill-on-Sea ...	-	56	51	c. bc	bc	0.5
Engl. N.E.		°F.	°F.				Eastbourne ...	6	56	51	o	o	0.0
Harrogate ...	0.2	47	33	mm	mm	0.0	Seaford ...	9	56	48	c	c	0.0
Skegness ...	-	57	43	b. bc	bc	6.1	Brighton ...	13	56	44	bc	bc	0.1
Engl. N.W.		°F.	°F.				Worthing ...	12	61	47	bc	bc	4.8
Morecambe ...	-	52	40	bc	c. bc	1.3	Littlehampton ...	1	57	44	b	b	6.5
Blackpool ...	-	52	39	bc	bc	0.3	Bognor ...	1	59	48	bc	bc	6.0
Southport ...	-	52	40	bc	bc	0.1	Southsea ...	6	60	45	bc	bc	5.5
Midlands.		°F.	°F.				Bournemouth ...	-	60	38	bc	bc	7.2
Buxton ...	-	47	39	c	c	0.0	Weymouth ...	1	60	43	bc	bc	7.2
Leamington Spa ...	0.1	52	41	bc	bc	0.2	Torquay ...	-	59	43	bc	bc	4.4
Malvern ...	-	49	39	o	o	0.0	Paignton ...	-	59	40	bc	bc	3.3
Ross-on-Wye ...	-	51	41	mm	bc	0.7	Falmouth ...	-	58	45	bc	bc	1.5
Wales.		°F.	°F.				Penzance ...	-	60	46	bc	bc	3.8
Rhyl ...	-	55	39	bc	bc	3.7	Newquay ...	-	58	44	bc	bc	2.2
Colwyn Bay ...	-	57	39	bc	bc	4.5	Ilfracombe ...	-	59	43	bc	bc	4.7
Llandudno ...	-	57	42	bc	bc	4.5	Weston-super-Mare ...	1	60	42	bc	bc	3.5
Aberystwyth ...	-	57	34	o	bc	1.4							
Tenby ...	-	57	34	o	bc	1.4							
England, E.		°F.	°F.										
Cromer ...	-	55	44	bc	bc	6.2							
Lowestoft ...	13	57	49	bc	bc	6.9							
Felixstowe ...	0.2	55	47	bc	bc	7.2							
Walton-on-Naze ...	1	55	47	bc	bc	7.4							
Southend-on-Sea ...	-	57	43	bc	bc	5.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 74	% 87	Hr. 2.5	° F. 59	° F. 41	° F. 30	mm.‡ —	c	c. bc. c	c. o
City (Bunhill Row) ...	74	87	1.6	59	41	30	—	c	c. bc. c	c. o
Westminster (St. James's Pk.)	71	87	3.1	58	47	40	—	bc	bc	bc
Camden Sq. (Brit. Rainfall)	74	91	1.0	58	41	37	—	bc. c	c. bc	c
Hampstead (Reservoir) ...	74	94	0.7	56	42	29	—	c. o	o	bc
Richmond Park	74	94	0.7	56	42	29	—	c. o	o	bc
Kew. (See front page.)	74	94	0.7	56	42	29	—	c. o	o	bc
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
Total.				Average Rate.			Max. Rate.			
465 Joules				12.6 Milli-watts.			37 Milli-watts.			

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL. mm.†	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
		Max.	Min.			
Dublin to 4 p.m.	-	50	40	31	bc	bc. o
Darwen to 9 p.m.	-	50	40	31	bc	bc. o
Manchester "	-	48	41	37	o. of	o. o. m
Birmingham "	-	48	41	37	o. of	o. o. m
Oxford to 8 p.m.	-	58	41	40	b. bc	bc
Teignmouth to 9 "	-	58	41	40	b. bc	bc
Plymouth "	-	58	41	40	b. bc	bc
S. Kensington (Museum Grounds to 6 p.m.)	Trace	58	47	36	o. bc	bc. o

## NOTES ON YESTERDAY'S WEATHER.

Temperature was rather variable, ranging from 47° at Buxton and Harrogate to 61° at Worthing. Rain fell in the north and west, 25 mm. at Blacksod. Sunshine varied from none at several stations to 8½ hours at Southsea.

NOTE.—The information relating to weather is indicated by the following letters:—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze or smoke.

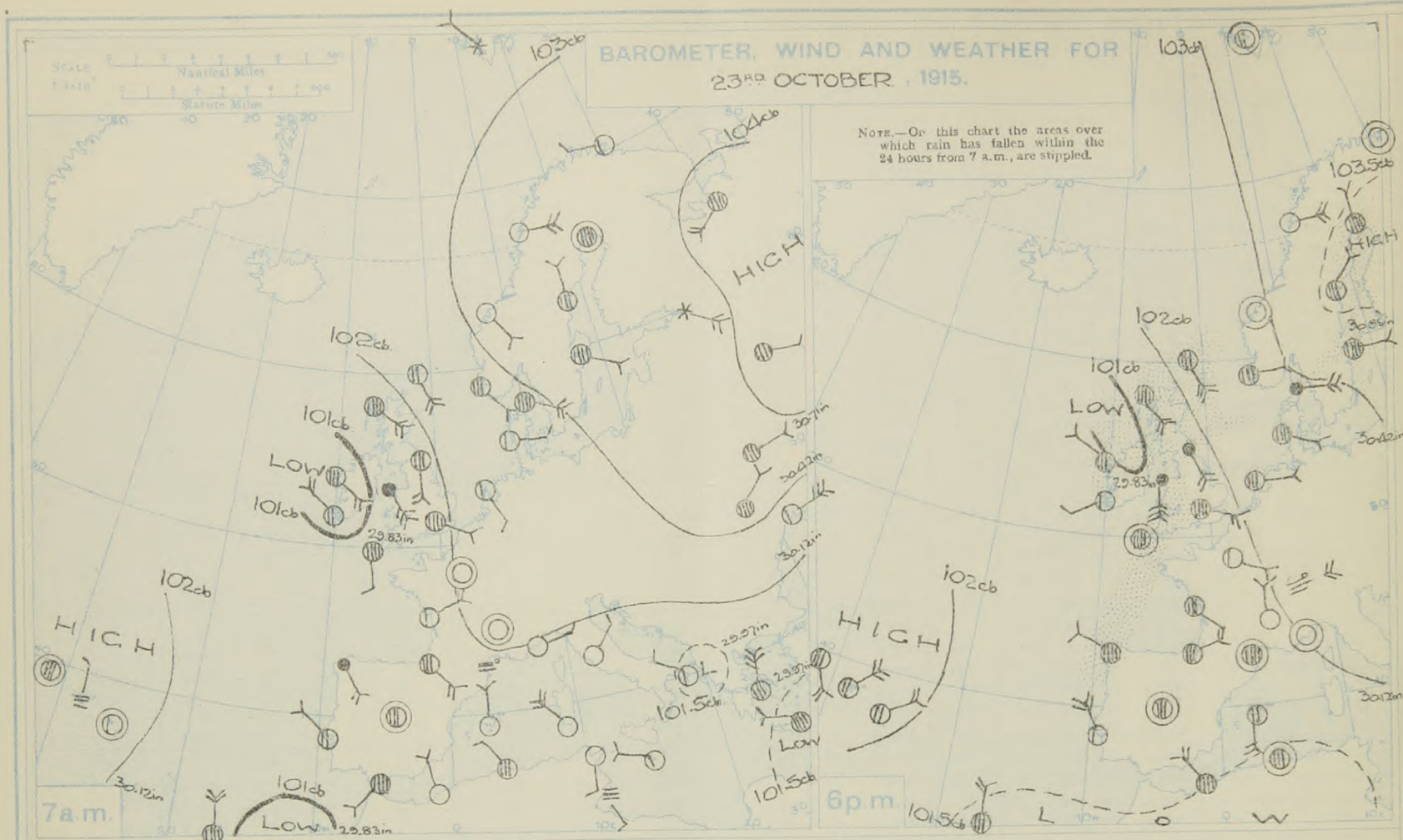
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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 297

Sunday  
24<sup>th</sup> October 1913.

	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	TEMP. °F.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force 0-12.						Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick ...	1021.9	4.8	SSE	5	c	1025.0	+3	4.7	SE	5	S	bc/p	6	1	4.9	4.6	bc	bc	c	Hours.	
	Deerness ...	1016.4	4.7	SE	6	op q	1020.6	+	4.3	SE	6	S	cg	3	2	5.2	4.8	op	op q	op c	0.0	
	Stornoway ...	1011.1	5.2	SE	4	o	1015.1	+4	5.0	SE	5	-	op q	4	2	5.3	4.8	op o	o	op q	0.0	
	Castlebay (Barra Isd.)	1008.6	5.1	ESE	4	op m	1014.6	+5	5.1	NW	2	-	o	2	3	5.2	4.8	om	re op m	op m o	0.0	
	Glasgow ...	1011.5	4.8	SE	3	ov r	1015.5	+4	4.6	E	3	-	om	*	2.7	5.0	4.4	od pod	re om	re op m	0.0	
	Eskdalemuir ...	1013.4	4.7	SE	4	cl	1015.5	+2	4.6	ESE	4	-	re	*	7	4.8	4.4	om	re om	om	0.0	
	Malin Head ...	1009.0	4.9	SE	4	cm	1014.1	+3	5.0	N	3	NW	bc	3	8	5.1	4.7	cm	om	bc	0.0	
	Blacksod Point ...	1010.7	4.9	WNW	2	cp	1015.1	+3	4.7	N	3	N	bc p	3	1	5.8	4.4	bc p	bc p	bc	*	
	Valencia ...	1012.4	5.1	WSW	1	b	1016.1	+4	4.9	NW	3	NW	cp	4	2	5.7	4.6	bc	bc	bc cp	6.4	
	Roche's Point ...	1012.4	5.3	NW	2	o	1014.3	+	4.7	NW	3	N	b	*	0.2	5.8	3.9	o c	o c	c b	*	
	Birr Castle ...	1011.6	4.8	SW	1	c	1014.6	+	3.9	NW	1	-	f	*	-	5.6	3.9	c	c	bc f	1.4	
	Donaghadee ...	1009.0	5.2	SW	3	cg m	1012.4	+2	5.2	NNE	3	NE	fg m	3	4	5.4	4.7	om r q	cg m	om r q	*	
	Liverpool (Bidston)	1013.3	5.1	SE	3	o	1011.1	+1	4.8	ESE	3	-	re	2	11	5.3	4.5	re	o c	re	0.3	
	Holyhead ...	1010.6	5.4	S	6	op q m	1010.9	+1	5.0	NE	3	NE	og	2	2.8	5.5	5.0	re op o	op q m	op re o	0.0	
	Pembroke (St. Ann's)	1011.9	5.5	SSW	3	cg p	1011.0	o	5.1	NNW	3	NW	bc	4	6	5.6	5.0	og c	cg cp	cp bc	1.5	
	Scilly (St. Mary's)	1011.4	5.6	-	o	og	1012.6	+1	5.0	NW	4	-	bc q p	5	4	6.0	4.7	om p	cp o	om q p	1.9	
	Falmouth ...	1012.6	5.6	S	2	om d	1011.5	+1	4.8	NW	3	-	bc	2	4	5.8	4.8	o	om	o om c	0.0	
	Jersey (St. Aubin)	1014.8	5.8	SSE	3	o	1009.1	+	5.5	N	3	-	op	3	5	5.9	5.2	o om o	op o	p c o c	1.1	
	Portland Bill ...	1013.9	5.4	S	4	cl	1009.1	+3	5.4	S	4	S	cl	4	16	5.6	5.2	cp	o c	c o c	*	
	Dungeness ...	1017.4	5.4	SE	4	o	1012.8	-1	5.2	SE	4	SE	c	4	-	5.5	5.1	o c o	o c o	bc	*	
Dover ...	1017.3	5.2	SE	4	o	1013.8	-3	4.9	E	3	-	cg	4	-	5.3	4.9	bc c	c og	o c bc	0.5		
Wick ...	1015.8	5.1	SE	5	o	1019.5	+3	5.1	SE	4	SE	o	5	1	5.1	4.9	om q p	om q	om	*		
Nairn ...	1013.7	5.0	E	2	om	1017.6	+	4.8	ESE	2	-	od	2	3	5.3	4.0	om	om	p c	0.0		
Aberdeen ...	1017.0	5.1	SE	5	op	1019.9	+4	5.0	SE	5	E	bc	4	1	5.3	4.9	op	op q	og p c	0.0		
Leith ...	1012.7	5.0	SE	2	cl	1016.0	+3	4.9	ESE	3	SE	og q	*	1.9	5.1	4.6	og od	re	re	*		
Tynemouth ...	1016.1	5.1	SSE	4	om r	1016.2	o	5.1	SE	5	SE	cg	5	1	5.2	4.8	om	om r	og	*		
Spurn Head ...	1017.6	5.2	S	6	og	1014.8	-4	5.2	S	7	-	o	7	-	5.3	4.5	og	og	cg	0.0		
Yarmouth ...	1018.2	5.1	S	4	bc	1015.0	-3	5.1	SE	5	SE	om	4	-	5.3	5.0	bc c	c	bc om	0.1		
Clacton-on-Sea	1017.7	5.3	SSE	4	o	1014.5	-1	5.2	SSE	3	S	o	2	0.2	5.4	5.1	c	c og	og p	0.3		
Nottingham ...	1016.4	5.0	SE	2	cl	1013.5	+	4.7	SE	4	SE	cl	*	6	5.5	4.5	c o c p	op re	re	0.1		
Bath ...	1014.2	5.3	SE	-	cl	1010.8	+	5.1	S	-	SW	cl	*	2.0	5.5	4.7	re	re o	re	0.0		
Sth Farnborough	1016.7	5.1	ESE	2	om d	1012.7	-1	4.9	ESE	3	-	om r	*	1.3	5.6	4.5	om r o m	om d	om d re	0.7		
London (Kew Obsy.)	1016.7	5.1	ESE	2	om d	1012.7	-1	4.9	ESE	3	-	om r	*	1.3	5.6	4.5	om r o m	om d	om d re	0.7		
NORTH EUROPE.	Spitsbergen ...	1021.7	2.1	-	o	bc	1024.6	-2	1.9	NNW	4	*	b	*	*	3.0	1.8					
	Vardö ...	1033.7	3.7	-	o	b	1029.0	-1	3.6	N	3	N	bc	3	*	3.9	3.0					
	Bodö ...	1034.1	3.2	E	4	b	1033.1	-1	3.2	E	2	-	bc	2	-	3.6	2.7					
	Christiansund ...	1029.7	3.6	-	o	b	1030.1	o	3.6	SE	2	-	b	2	-	4.1	3.2					
	Skudesnaes ..	1027.3	4.5	E	2	c	1027.8	o	3.9	-	o	-	c	3	-	4.5	3.9					
	Færder (Xtanta Fjord)	1030.4	3.7	NE	4	o	1029.2	+2	3.7	NE	4	-	o	2	-	3.7	3.6					
	The Scaw (Skagen)	1028.3	4.1	E	4	cl	1026.9	o	3.9	E	3	-	o	3	8	4.5	3.7					
	Blaavands Huk	1024.4	4.1	ESE	2	o	1024.0	o	3.7	ENE	2	-	o	2	-	4.1	3.2					
	Haparanda ...	1035.3	3.1	N	2	o	1031.8	o	2.7	E	2	-	o	*	1	3.4	2.8					
	Hernösand ...	1035.7	3.4	NE	2	c	1033.9	o	3.0	-	c	-	c	*	-	3.7	3.4					
Stockholm ...	1031.7	3.6	E	2	o	1030.0	o	3.1	NNE	2	W	c	*	1	3.7	3.0						
Wisby ...	1030.4	3.4	E	2	bc	1027.3	o	3.7	ENE	2	-	cl	*	trace	4.1	3.2						
Karlstad ...	1030.0	3.4	NE	2	cl	1030.3	o	3.4	NE	2	-	c	*	2	3.6	3.0						
Petrograd (G.M.T.)	1038.1	3.0	SE	4	o	1036.0	-2	2.7	SE	3	-	o	*	-	5.0	2.7						
FRANCE, &c.	The Heider ...	1021.5	4.8	E	2	c	1018.7	-1	4.3	E	3	-	bc	3	-	4.9	4.3					
	C. Gris Nez ...	1017.5	4.8	SE	3	o	1013.5	-2	4.4	ESE	4	*	c	2	-	5.4	4.3					
	La Hève ...	1014.7	4.8	SE	4	m	1011.9	+	4.5	E	3	*	m	2	-	5.7	4.1					
	Ushant ...	1012.2	5.9	S	4	o	1013.0	+	5.5	NNW	5	*	c	6	1	5.9	5.0					
	Brest (St. Mathieu)	1014.4	5.9	SSE	3	cl	1014.0	+2	5.5	NW	3	*	bc	3	6	6.3	5.4					
	Roche fort (de d'Aix)	1014.9	5.8	NNE	1	c	1013.9	o	5.8	WSW	3	*	o	*	-	7.0	4.6					
	Biarritz ...	1014.1	6.2	ENE	2	c	1015.8	o	5.9	SW	3	*	o	4	-	7.2	5.5					
	Paris ...	1015.0	4.6	SW	2	bc	1014.6	-1	3.9	-	o	-	o	*	-	5.9	3.6					
	Belfort ...	1020.4	4.2	E	4	m	1020.2	+	3.6	E	3	*	o	*	-	5.0	3.5					
	Lyons ...	1018.7	4.7	N	2	b	1019.1	+	4.2	-	o	*	o	*	-	5.7	3.7					
Nice ...	1020.0	5.1	-	o	b	1020.3	o	5.0	-	o	*	o	2	-	6.4	4.3						
Perpignan ...	1017.2	5.7	-	o	o	1017.3	+1	5.5	NE	1	-	o	*	-	6.3	4.5						
Sanguinaire ...																						
SOUTHERN EUROPE.	Corunna (7 a.m.)	1016.0	6.1	NNW	2	o	1023.1	+4	5.7	NW	3	-	o	4	8	6.4	5.4					
	Madrid (8 a.m.)	1014.3	6.3	-	o	c	1016.8	+3	5.4	NE	1	-	b	*	-	6.6	5.2					
	Lisbon (9 a.m.)	1015.4	6.4	NNW	4	b	1017.1	+1	6.0	NNW	4	-	b	5	-	7.2	5.7					
	Gibraltar ...																					
	Rome ...																					
Malta (8 a.m.)						1017.0	o	6.1	ESE	1	-	o	2	6.0	6.8	5.9						
SOUTHERN EUROPE.	Azores (Horta, 8 a.m.)	1023.3	*	NE	4	bc	1026.6	o	6.1	-	o	-	c	1	-	6.8	6.0					
	Madeira (Funchal)	1014.6	7.3	N	3	c	1019.9	+2	6.4	ENE	4	-	cl	4	-	7.5	6.4					

GALES.  
Duration and Extreme Force  
in British Islands.  
**HOLYHEAD**  
23<sup>rd</sup> 11 a.m. SSE 8  
Gust. SSE. 20 m.p.h.



### FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.



#### FORECAST DISTRICTS.





#### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South Cone.   
North Cone. 

Signals hoisted this morning.

South Cone.   
North Cone. 

No Warnings Issued.

Western Channel and Bay 11

South-Easterly to Easterly breezes, fresh to strong, then moderating; unsettled, rainy and misty, fairer later; moderate temperature.

Moderate South-Easterly and Southerly breezes; dull and rainy, wind becoming Northerly, moderate to light, and weather improving; moderate temperature.

Light to moderate Easterly to Northerly breezes; rainy to fair; moderate temperature.

Light to moderate North-Westerly and Northerly breezes; local showers, but generally fair to fine; cooler.

Fresh to moderate North-Westerly to Northerly breezes, sea moderate to rough; cloudy to fair, some showers and mist; cooler.

#### FURTHER OUTLOOK.

# SYNOPTIC CHART FOR 7 a.m., SUNDAY, 24<sup>TH</sup> OCTOBER, 1915.

## GENERAL INFERENCE.

The depression over the Channel will move eastward and disperse, and a Northerly type of conditions will become general over this country.



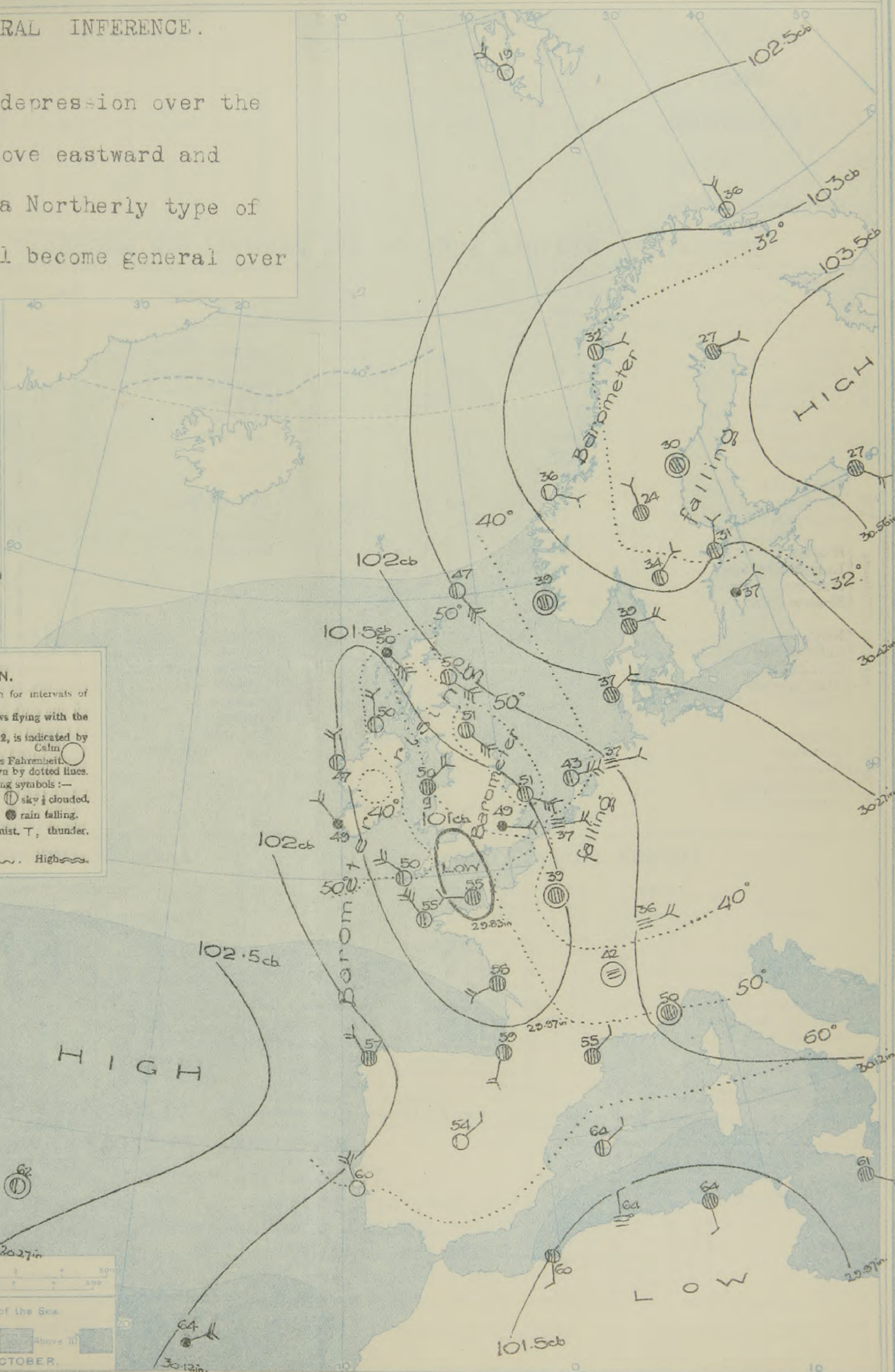
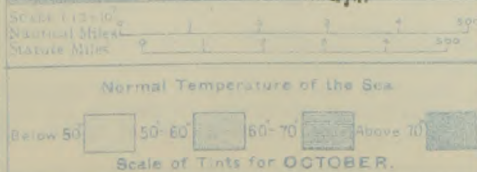
## EXPLANATION.

**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 ~~~.

Inches.  
31

30

29



## DAILY WEATHER REPORT.

Sunday, 24<sup>th</sup> October, 1915.REPORTS  
FOR  
YESTERDAY.Saturday, 23<sup>rd</sup> October, 1915.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.									
	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. ° F.	WIND. Dir.	Force 0-12.	Dir.	Force 0-12.	Weather.	Sea 0-9.
			Dir.	Force 0-12.											
Petrograd	1039.0	32	SE	3	S	1038.3	0	30	-4	SE	4	-	-	S	5
Rome	1015.9	55	WSW	1	b	1015.5	0	48	-	NE	1	-	-	b	64

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. & .	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.							Tunbridge Wells ...	Trace	55	42	o.c.	o.or	0.6
Oban ...	...	52	45	-	-	0.0	Margate ...	...	54	47	o.c.	o.c.	0.2
Banff ...	3	52	47	up	oup	0.0	Ramsgate ...	...	53	48	c	c.o	0.9
Carnoustie ...	...	...	...	...	...	...	Hastings ...	...	55	51	c.o	o	0.0
St. Andrews ...	...	...	...	...	...	...	Bexhill-on-Sea ...	...	...	...	...	...	...
Eng. N.E.							Eastbourne ...	...	56	53	o	o	0.0
Harrogate ...	0.2	49	44	up	o	0.0	Seaford ...	Trace	57	48	c.o	o	0.5
Skegness ...	-	54	49	o.c	c.o	0.8	Brighton ...	1	57	50	o.c.o	or	0.3
Eng. N.W.							Worthing ...	0.3	57	50	o	or	0.0
Morecambe ...	...	...	...	...	...	...	Littlehampton ...	2	56	52	o	or	0.5
Blackpool ...	1	53	43	or 2	o	0.0	Bognor ...	0.2	56	53	o	od	0.0
Southport ...	2	53	42	or	o	0.0	Southsea ...	...	...	...	...	...	...
Midlands.							Bournemouth ...	4	55	46	or	or	0.0
Buxton ...	...	49	43	c	c	0.0	Weymouth ...	8	56	51	od	r.o	0.0
Leamington Spa ...	1	54	40	o	od	0.0	Torquay ...	4	56	53	or	r.o	0.0
Malvern ...	...	...	...	...	...	...	Paignton ...	5	56	45	op	orp	0.0
Ross-on-Wye ...	0.4	53	42	om	od	0.0	Falmouth ...	9	58	50	o	om	0.0
Wales.							Penzance ...	...	60	53	bc.c.o	c.o	1.2
Rhyl ...	2	56	42	o.c	c.o.c	0.3	Newquay ...	8	58	49	bc.c.o	o	0.1
Colwyn Bay ...	...	...	...	...	...	...	Ilfracombe ...	6	56	48	r.o.c	c.b.c.c	1.0
Llandudno ...	...	...	...	...	...	...	Weston-super-Mare ...	...	...	...	...	...	...
Aberystwyth ...	1	56	50	r.o.c	c.o	1.0							
Tenby ...	4	56	48	r.	bc.or	0.0							
England, E.													
Cromer ...	...	53	45	om	om.cu	1.1							
Lowestoft ...	...	...	...	...	...	...							
Felixstowe ...	...	53	52	c	c	0.4							
Walton-on-Naze ...	...	...	...	...	...	...							
Southend-on-Sea ...	...	55	43	bc.c	c.o	0.4							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass		Fore- noon.	After- noon.	Night.
				Max.	Min.					
Greenwich (Royal Obs.) ...	%	%	Hr.	° F.	° F.	° F.	mm. &			
City (Bunhill Row) ...	76	94	1.1	58	48	47	9	bc	c o	or
Westminster (St. James's Pk.)	*	*	0.3	*	*	*	*	*	*	*
Camden Sq. (Brit. Rainfall)	72	93	0.8	57	49	48	11	om	om	or
Hampstead (Reservoir) ...	65	94	0.0	57	48	47	10	om.c	o	*
Richmond Park	*	96	0.0	53	44	40	10	om	om	om
Kew. (See front page.)	*	*		VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	66	92	0.4	380 Joules		10.4 Milliwatts.		4.3 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	Sun- shine for Yester- day.
		Max.	Min.					
		° F.	° F.					
Dublin to 4 p.m.	8	56	51	47	ogr	o.cr	or.c	*
Darwen to 9 p.m.	3	51	42	36	cour	one	our	0.0
Manchester "	...	...	...	...	...	...	...	...
Birmingham "	1	52	43	33	...	o	r.o	0.0
Oxford to 8 p.m.	...	...	...	...	...	...	...	...
Teignmouth to 9 "	7	56	53	48	bc.p.p	or	of.r	0.0
Plymouth "	...	...	...	...	...	...	...	...
S. Kensington (Museum Grounds to 6 p.m.)	Trace	57	47	36	c.bz	oz.o	o.our	*

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

24 <sup>th</sup> & 25 <sup>th</sup> October, 1915.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	6.36	11.27	4.38
Greenwich ...	6.37	11.27	4.36
Wick ...	6.41	11.44	4.47
Valencia ...	6.42	11.44	4.45
	7.10	11.56	4.42
	7.12	11.56	4.39
	7.23	12.25	5.28
	7.24	12.25	5.26

## NOTES ON YESTERDAY'S WEATHER.

Temperature exceeded 55° at many southern stations, and touched 60° at Jersey and Penzance. Rain became general towards evening, heavy locally, 27 mm. at Glasgow, and 28 mm. at Holyhead. Valencia had 6½ hours of sunshine, but generally there was little or none.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half cloudy; c. sky three parts cloudy; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening say; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 298. Monday, 25<sup>th</sup> October, 1915.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	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	1030.8	46	ESE	1	bc	1034.6	+1	44	-3	NE	3	N	c	3	1	49	41	bc	bc	bcp	Hours.		
Deerness	1028.8	47	ESE	5	bc	1033.5	+	43	-6	N	3	N	bc	3	1	50	40	cq	c.bc	bc	1.3		
Stornoway	1025.0	50	SE	4	bc	1034.3	+3	38	-12	NE	1	-	b	1	1	51	38	opq	op.abc	bc.b	0.0		
Castlebay (Barra Isd.)	1024.4	50	ESE	2	op	1033.0	+4	48	-3	E	2	-	o	3	3	52	47	or	r. op	op bc.o	0.0		
Glasgow	1022.9	47	NE	3	o	1032.0	+4	39	-7	NE	2	-	c	5	5	50	39	rm oz	oz b.o	c.b.c	0.0		
Eskdalemuir	1022.3	45	NE	4	or	1028.7	+3	38	-8	NNE	4	-	bc	1	1	48	36	omp	op	op.c.cq	0.0		
Malin Head	1020.1	47	E	4	omgr	1031.3	+5	46	-4	E	5	E	bcq	5	8	52	46	cq	omgr	bcq	0.0		
Blacksod Point	1021.1	50	N	4	cp	1029.5	+5	44	-3	E	4	E	bc	3	4	58	42	bcp	bcp	bcp bc	0.0		
Valencia	1020.4	52	NNW	4	bc	1027.1	+5	46	-3	NE	3	NE	b	3	0.3	56	46	cp.cr	c.bcr	bc	6.9		
Roche's Point	1017.2	52	NNW	4	b	1025.7	+	45	-2	NNW	3	-	b	3	1	56	45	bc	bc.b	bcp b	0.0		
Birr Castle	1017.7	48	NW	2	c	1028.1	+	40	+1	-	0	-	b	4	2	56	39	c	cp	op.b	6.2		
Donaghadee	1018.5	48	E	4	omr	1028.7	+4	45	-7	ESA	6	E	bc.mq	4	18	52	45	omr	omr	omq.bc	0.0		
Liverpool (Bidston)	1016.0	49	ESE	4	o	1026.3	+4	44	-4	NE	3	E	c	3	15	51	40	or	or	bc.o	0.0		
Holyhead	1015.0	51	E	6	opqm	1025.4	+3	49	-1	ESE	6	E	cq	6	3	53	48	oropd	op.ond	op.b.c	0.0		
Pembroke (St. Ann's)	1011.3	51	NW	4	cqb	1021.8	+3	46	-5	NE	5	NE	bcq	4	6	52	44	cp.or	or.cqb	or.cq	0.0		
Scilly (St. Mary's)	1013.8	52	NW	6	cqb	1015.8	+4	51	+1	NE	6	NE	cqb	6	3	55	49	bcqb	bcqb	cqb	6.5		
Falmouth	1011.7	51	NW	5	cqb	1017.1	+6	46	-2	NE	4	-	bc	4	6	56	46	cp.b	b.or.c	cq.r.c	4.1		
Jersey (St. Aubin)	1009.6	53	W	3	o	1010.7	+	48	-7	ESE	3	NE	b	2	1	59	46	o.bc	bc.op.c	o.c.b	4.4		
Portland Bill	1007.8	51	NNW	3	c	1014.3	+5	46	-8	NE	6	NE	orq	5	15	55	44	or	c	c.orq	0.0		
Dungeness	1010.0	50	SE	4	or	1013.2	+1	50	-2	E	9	-	orq	7	12	53	48	bc.or	or	orq	0.0		
Dover	1011.0	48	E	4	r	1015.8	?	48	-1	NE	8	NE	o	6	3	49	47	z.c	c.or	rq.o	0.3		
Wick	1027.9	49	ESE	4	c	1034.1	+2	38	-13	W	2	-	bc	2	-	51	35	omq	om.bc	bc	0.0		
Nairn	1026.6	47	E	1	o	1034.3	+	33	-15	-	0	-	cq	1	-	52	29	cq	cq	c.b.c	0.0		
Aberdeen	1026.9	47	E	5	bc	1033.0	+1	41	-9	NNW	2	N	bc	3	1	52	40	c.oqb	op.bc	bcqb	0.0		
Leith	1020.7	49	E	3	o	1031.3	+3	44	-5	NE	4	NE	op	0	1	52	44	o	op	c.b.c	0.0		
Tynemouth	1021.1	49	SE	5	omq	1027.0	+8	46	-5	NNE	3	NE	cq	5	3	52	44	cq	omq	cp	0.0		
Spurn Head	1017.4	52	ESE	7	orq	1023.3	+3	49	-3	E	7	-	cqb	7	2	53	44	orq	orq	cqb	0.0		
Yarmouth	1015.3	50	ESE	7	c	1020.7	+3	49	-2	E	7	E	cqb	7	Trace	53	49	cm	cm	cm.cqb	0.0		
Clacton-on-Sea	1012.7	52	E	5	o	1017.9	+3	49	-3	ESE	5	E	c	5	-	53	48	o.gm	o.gm	o.gm.c	0.0		
Nottingham	1016.1	49	E	5	o	1022.7	+	45	-2	NE	3	NE	b	2	2	52	44	r.o	o	u.cp	0.0		
Bath	1010.1	49	E	4	o	1018.8	+	45	-6	E	3	E	bc	2	25	53	44	r	r.o	orq.bc	0.0		
Sth Farnborough	1010.2	47	E	2	r	1016.6	+3	45	-	NE	5	NE	o	9	9	49	44	or	r	rq.o	0.0		
London (Kew Obsy.)	1011.6	50	E	5	omd	1017.7	+3	47	-2	NE	5	-	om	9	9	51	45	omr.ond	omr.ond	omr.ond	0.0		
NORTHERN EUROPE.																							
Spitsbergen	1022.3	16	NNW	6	o	1032.9	+4	18	-1	N	4	+	b	4	+	19	12						
Vardö	1012.4	37	NE	6	o	1009.7	+3	30	-6	N	5	-	s	4	+	37	34						
Bodö	1032.3	30	E	2	b	1019.1	-8	39	+7	N	4	-	c	2	3	39	28						
Christiansund	1031.0	41	-	0	o	1031.3	-	39	+3	SE	1	-	c	2	-	43	32						
Skudesnaes	1029.0	37	-	-	b	1028.6	-1	32	-7	-	0	-	b	2	-	45	28						
Færder (X'ania Fjord)	1030.1	37	NE	3	bc	1027.8	0	34	-3	N	4	NW	b	2	-	39	32						
The Scaw (Skagen)	1027.0	39	ESE	4	o	1026.6	0	39	0	NNE	3	N	c	3	-	45	37						
Blaavands Huk	1024.0	39	ESE	2	o	1026.6	+2	32	-5	NE	3	-	b	4	-	45	30						
Haparanda	1030.1	28	E	2	o	1014.9	-9	34	+7	SW	6	-	o	2	-	34	27						
Hernösand	1031.0	32	-	0	c	1026.1	-3	30	0	-	0	-	b	2	-	37	30						
Stockholm	1027.4	32	NNE	4	o	1022.4	-1	30	-1	N	2	-	o	2	-	37	27						
Wisby	1024.0	37	NE	4	o	1020.3	-2	39	+2	NNE	6	-	bc	4	7	41	34						
Karlstad	1021.9	30	-	0	b	1026.3	-3	25	-9	NNE	2	-	bc	2	-	37	21						
Petrograd (G.M.T.)																							
FRANCE, &c.																							
The Helder	1018.7	43	E	5	c	1021.6	+1	43	0	ENE	5	W	c	4	-	45	41						
C. Gris Nez	1011.1	46	E	5	o	1013.2	+3	45	+1	NE	6	+	r	6	5	48	43						
La Hève	1009.5	48	WSW	4	u	1012.7	+	40	-5	ENE	3	+	m	2	5	59	39						
Ushant	1013.6	54	NNW	6	o	1009.6	+	55	0	NE	7	+	o	7	5	55	50						
Brest (St. Mathieu)	1014.6	54	NW	5	bc	1010.6	+3	53	-2	NNE	5	+	c	3	5	55	50						
Roche fort (Ile d'Aix)	1014.9	57	NW	6	c	1009.6	-3	51	-7	S	4	+	c	4	4	61	50						
Biarritz	1018.0	57	NW	3	o	1012.0	-3	54	-5	WSW	4	+	o	4	26	59	48						
Paris	1010.9	50	SSE	1	r	1012.4	+2	39	0	S	1	-	f	9	9	55	37						
Belfort	1015.5	51	-	0	m	1015.4	+	45	+9	-	0	+	f	4	6	59	36						
Lycus	1016.0	51	S	1	r	1015.0	+	46	+4	S	1	+	o	6	6	60	46						
Nice	1018.1	54	-	0	o	1013.6	-3	53	+3	-	0	+	o	1	-	59	50						
Perpignan	1017.2	55	-	0	r	1013.3	-2	50	-5	-	0	SW	o	25	63	48							
Sanguinaire																							
SOUTHERN EUROPE.																							
Corunna (7 a.m.)	1023.9	59	NNW	3	o	1018.6	-1	55	-2	NNE	4	-	r	5	9	61	57						
Madrid (8 a.m.)	1015.3	64	ENE	2	c	1015.0	-3	48	-6	NNW	1	-	o	2	-	66	45						
Lisbon (9 a.m.)	1016.9	63	W	4	b	1014.5	+	60	-	W	4	+	b	2	6	72	59						
Gibraltar																							
Rome																							
Malta (8 a.m.)						1012.6	-3	70	+9	SSE	5	-	o	3	Trace	72	61						
Azores (Horta, 8 a.m.)	1028.3	+	SW	2	b																		
Madeira (Funchal)																							
South Farnborough: 7 a.m. Pilot Balloon Ascent																							
Wind at 500 metres NE 48 miles per hour																							
" " 1000 " NE 54 " " "																							

## GALES.

Duration and Extreme Force  
in British Islands.

### Dungeness:

2 h. - 7 h. E. 8.  
Extreme 7 h. E. 9.

### Dover:

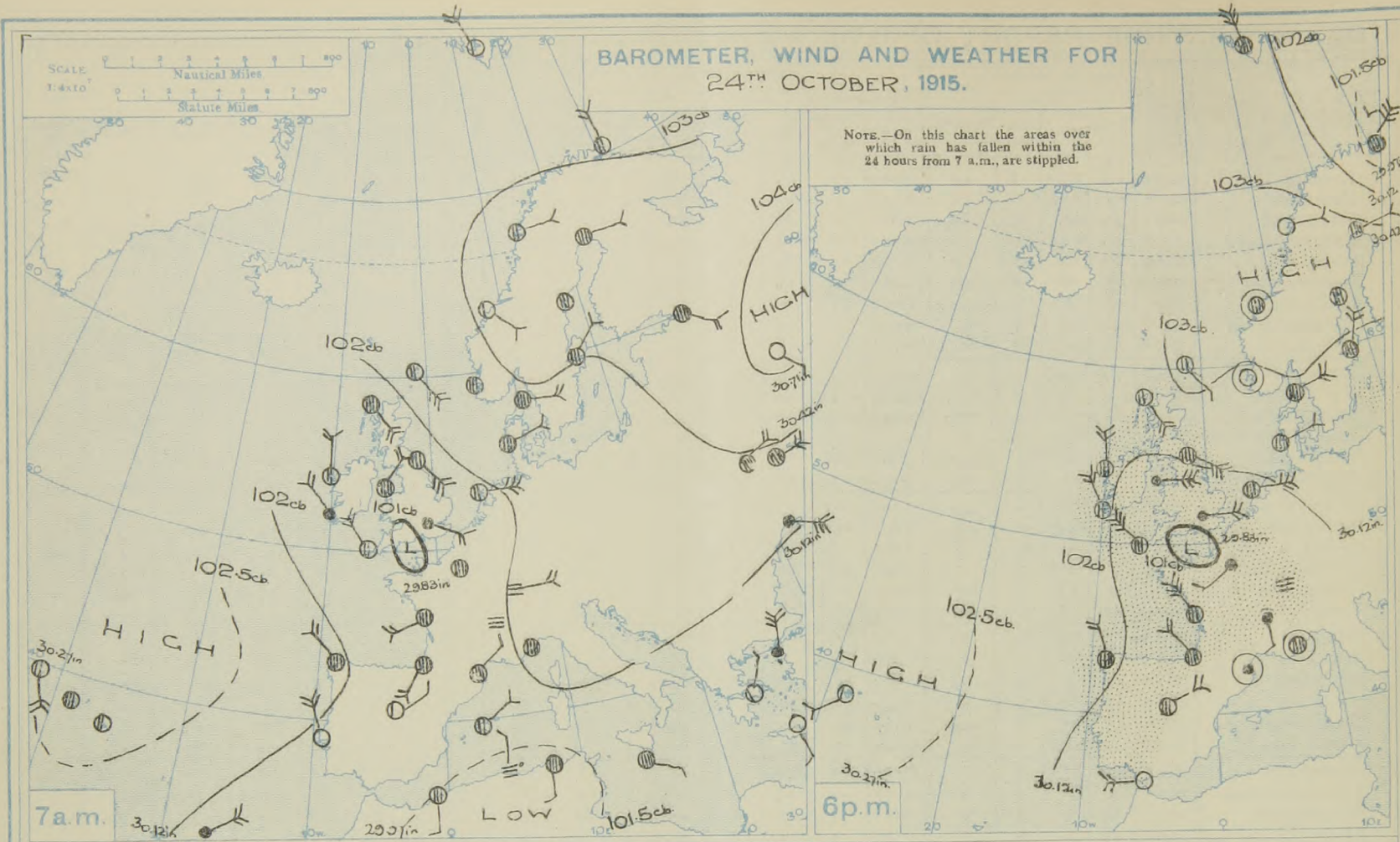
7 h. NE. 8.

### London (Kew Obsy.)

21.45 h. ENE. 8.

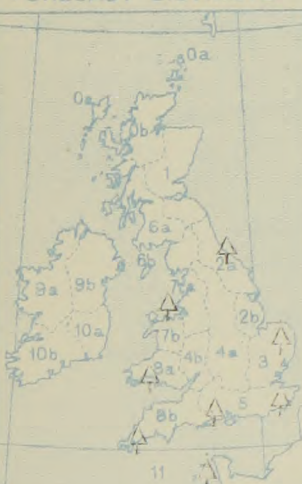
South Farnborough: 7 a.m.  
Pilot Balloon Ascent

Wind at 500 metres NE 48 miles per hour  
" " 1000 " NE 54 " " "



### FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

#### FORECAST DISTRICTS.



#### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

Cones Hoisted at 7 p.m.

Western Channel and Bay 11

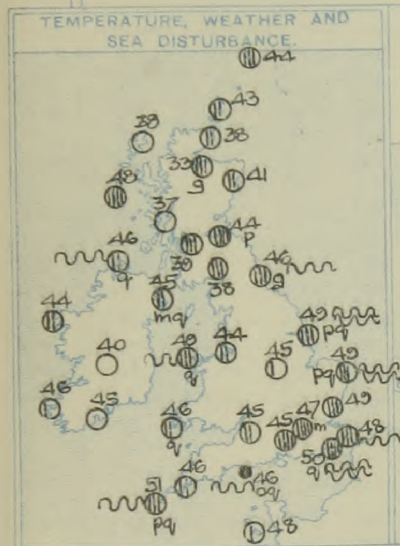
- |    |   |  |
|----|---|--|
| 0  | a | Moderate to light North-Easterly to Northerly breezes; generally fair to fine; colder.   |
| 1  | b |  |
| 2  | a | Squally Easterly and North-Easterly winds, strong to gale, backing Northerly and moderating; some showers, but generally fair to fine; colder. |
| 3  | b |  |
| 4  | a |  |
| 5  | b |  |
| 6  | a | Same as Nos 0 and 1.   |
| 7  | b |  |
| 8  | a | Same as Nos 2 to 5.  |
| 9  | b |  |
| 10 | a | Same as Nos 0 and 1.   |
| 11 | b |  |
|    |   | Squally Northerly winds, strong to gale; high sea and swell; dull to fair, some rain; colder.  |

#### FURTHER OUTLOOK.

# SYNOPTIC CHART FOR 7 a.m., MONDAY, 25<sup>TH</sup> OCTOBER, 1915.

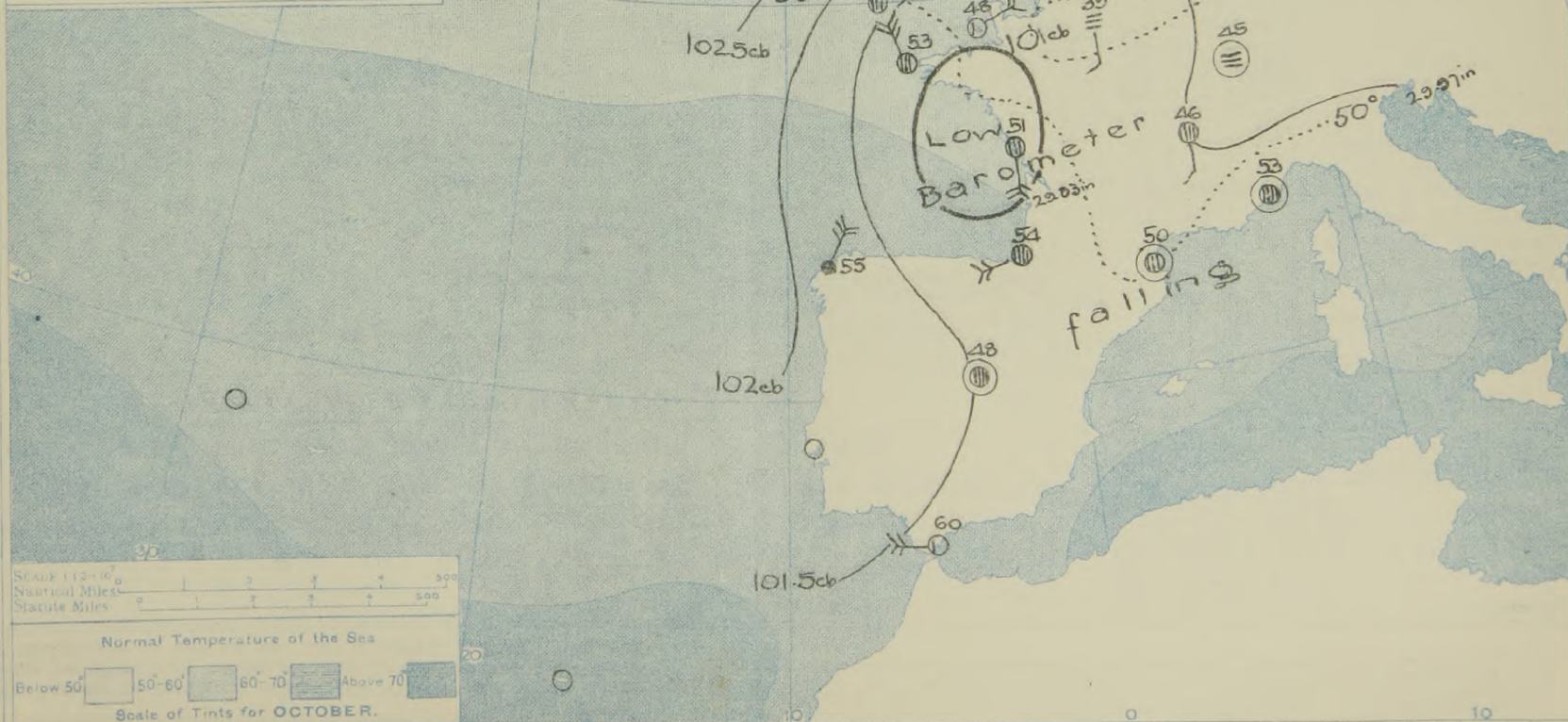
## GENERAL INFERENCE.

The wind will probably back  
Northerly, and decrease, with  
improving and colder weather.



## EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind.  
Force, on the scale 0-12, is indicated by the number of feathers. Calm   
**TEMPERATURE.**—Given in degrees Fahrenheit.  
Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 clear sky. sky 1/2 clouded. sky 3/4 clouded. overcast sky. rain falling.  
\* snow. hail. fog. mist. T, thunder.  
K, thunderstorm.  
**SEA DISTURBANCE.**—Rough High .



# PILOT BALLOON ASCENTS for the PAST WEEK. Component Velocities to East and to North in Metres per Second.

Station Date & Hour.	Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.		Comp. to E.		Comp. to N.	
	Eskdalemuir 21st.	7 a.m.	Eskdalemuir 22nd.	12h.	Danson 22nd.	12h.	Aberdeen. 25th.	8h.												
Heights in Kilometres.	2		-3	+6	+6	+5														
1	-7	+4	-1	+6	+2	+5	-8	-6												
.5	-6	+1	-5	+5	0	+4	-4	-9												
0	0	-1	-2	+2	0	+2	+1	-3												

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		° F.	° F.				Tunbridge Wells ...	12	50	47	oc	oc	00
Oban ...	10	51	48	cl	0	00	Margate ...	02	56	49	0	od	00
Banff ...	04	51	44	cp.	7.0c.0	09	Ramsgate ...	53	48	40	cl	cl	00
Carnoustie ...							Hastings ...	5	54	49	od	oc	00
St. Andrews ...							Bexhill-on-Sea ...						
England, S.E.							Eastbourne ...	6	?	51	od	oc	00
Harrogate ...	2	51	46	0.c	0.c	00	Seaford ...						
Skegness ...		53	50	og	og	00	Brighton ...	9	52	?	oc	oc	00
England, N.W.							Worthing ...	7	53	51	cl	cl	00
Morecambe ...							Littlehampton ...	16	56	50	p	7	00
Blackpool ...	13	52	48	oc	0	00	Bognor ...	3	55	52	oc	oc.0c	07
Southport ...	12	51	46	120	0	00	Southsea ...	6	58	50	oc	0c	32
Midlands.							Bournemouth ...	53	54	49	cl.0c	cl.0	05
Buxton ...	11	47	43	cl	c		Weymouth ...	37	53	49	cl.0c	cl.0c	00
Leamington Spa ...	17	50	49	cl	oc	00	Torquay ...	32	56	50	0	cl.0	02
Malvern ...	46	50	46	cl	cl	00	Paignton ...	28	54	50	cl.0	cl	
Ross-on-Wye ...	36	53	42	oc	oc	00	Falmouth ...	7	56	48	cl.0c	cl.0c	4.1
Wales.							Penzance ...						
Rhyl ...	23	55	47	cl	cl	00	Newquay ...	9	54	50	cl	oc	4.3
Colwyn Bay ...	15	50	48	cl	cl	00	Ilfracombe ...	19	54	48	oc	oc	00
Llandudno ...							Weston-super-Mare ...						
Aberystwyth ...	14	55	49	cl.0	cl.0	00							
Tenby ...													
England, E.													
Cromer ...													
Lowestoft ...													
Felixstowe ...	02	53	52	cl	cl	00							
Walton-on-Naze ...													
Southend-on-Sea ...	4	52	46	cl.0	oc.0	00							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obsy.) ...	88	92	-	50	45	41	0.0	0	0
City (Banhill Row) ...	88	92	-	50	45	41	0.0	0	0
Westminster (St. James's Pk.)	87	77	0.0	52	46	43	0.0	0	0
Camden Sq. (Brit. Rainfall)	-	69	0.0	52	44	40	0.0	0	0
Hampstead (Reservoir) ...	88	69	0.0	50	41	33	0.0	0	0
Richmond Park ...	88	69	0.0	50	41	33	0.0	0	0
Kew. (See front page.)	88	69	0.0	50	41	33	0.0	0	0
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.	Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)				181 Joules	52 Milliwatts.		10 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		Night.	WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.		Fore- noon.	After- noon.	
Dublin to 4 p.m.	2	52	41	38	cl.0	0	0.0
Darwen to 9 p.m.							
Manchester "							
Birmingham "	19	49	47	43		cl.0	
Oxford to 8 p.m.							
Teignmouth to 9 "							
Plymouth "							
S. Kensington (Museum Grounds to 6 p.m.)	16	53	49	48	oc	oc	0.0

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

25th-26th October, 1915.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.37	G.M.T. 12.27	G.M.T. 4.26
Greenwich ...	6.39	12.27	4.35
Wick ...	6.42	12.44	4.45
Valencia ...	6.44	12.44	4.44
	7.12	12.56	4.39
	7.14	12.56	4.37
	7.24	12.55	5.26
	7.26	12.55	5.24

## NOTES ON YESTERDAY'S WEATHER.

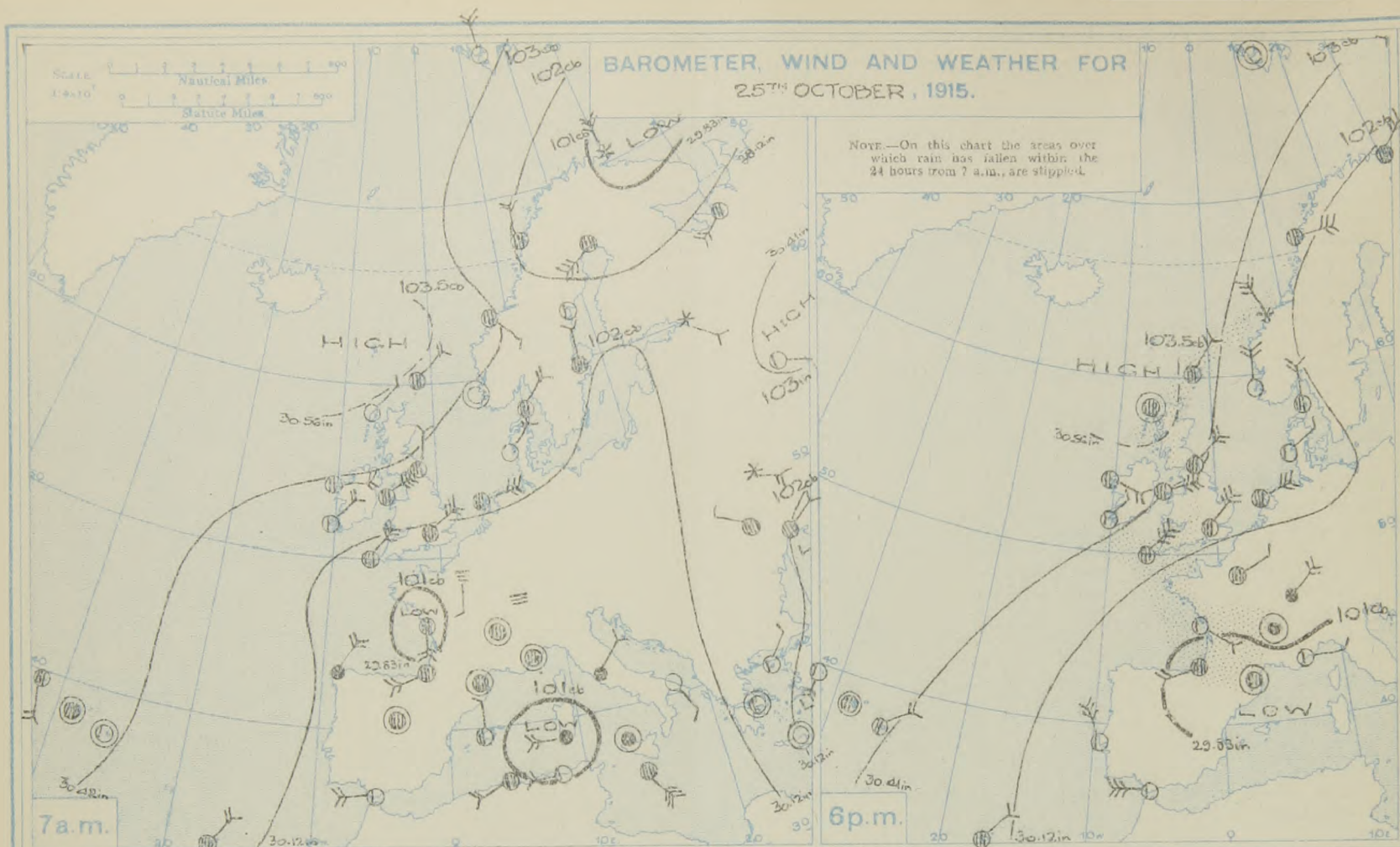
Afternoon temperature was variable between 47° at Buxton and 59° at Jersey. Rain fell generally, heavy in some districts, 53 mm at Bournemouth. Most stations had no sunshine, but a few western ones exceeded six hours.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies sold at M.O. and at the bookstalls at certain Railway Termini in London.

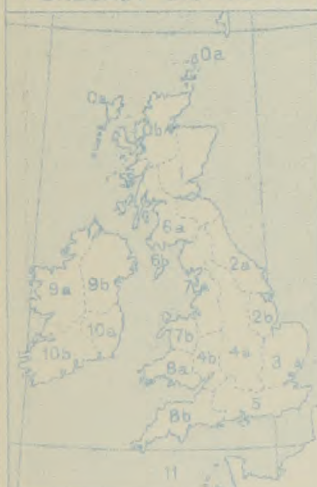
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 299. Tuesday, 26th October, 1915.

	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	TEMP. °F.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick ...	1034.2	44	NNE	3	c	1031.9	-2	41	-3	NNE	3	-	c	3	1	47	38	bc	bcp	c	Hours.
	Deerness ...	1035.2	45	NNE	4	cp	1031.1	-2	42	-1	NNW	4	NW	c	2	1	47	42	bc	cp	cp c	0.2
	Stornoway ...	1036.7	47	-	0	o	1033.6	-2	38	0	NW	1	-	o	1	-	52	37	b	b bc o	b o	6.2
	Castlebay (Barra Isd.)	1036.0	46	NE	1	b	1033.5	-1	47	-1	-	0	-	o	1	0.1	51	44	op b	b	b o	6.0
	Glasgow ...	1034.4	44	NE	2	o	1033.2	-1	38	-1	WNW	1	-	o	1	Trace	49	36	c bc b	b bc c	o c bc o	3.2
	Esksdalemuir ...	1033.5	40	NNE	3	c	1032.3	-1	39	+1	NNW	3	-	o	1	1	46	37	bc bc c	c bcp c	c cfp o	6.5
	Malin Head ...	1034.6	47	NE	3	bc	1033.3	-1	48	+2	NE	1	-	CV	1	-	50	44	bcq	bc	cv	8.5
	Blacksod Point ...	1032.6	45	ESE	3	bc	1033.7	0	41	-3	ESE	2	SE	bc	2	-	53	37	bc	bc	bc	7.0
	Valencia ...	1031.4	46	NE	1	b	1033.3	+1	36	-10	NE	2	N	b	3	-	57	36	b	bc	b	7.0
	Roches Point ...	1030.3	46	NNE	3	bc	1032.1	-	40	-5	N	2	E	c	2	0.3	52	39	bc cp	c bc	b bc c	7.0
	Birr Castle ...	1032.8	44	ENE	2	bc	1033.6	-	38	-2	NNW	2	-	o	1	-	50	32	c	bc	o	7.0
	Donaghadee ...	1032.6	48	NE	4	cg	1032.5	0	45	0	E	3	E	cg	2	-	49	44	bcm	bcm	cg bcm	3.1
	Liverpool (Bidston) ...	1030.7	44	NE	2	b	1031.0	0	42	-2	NNE	1	NE	o	2	-	49	38	o bc	bc	b o	3.1
	Holyhead ...	1030.1	48	ENE	6	cg	1030.7	0	48	-1	ENE	4	NE	o	3	-	52	46	c bc c	cp o c	bc c o	7.0
	Pembroke (St. Ann's) ...	1027.2	48	NE	3	c	1029.7	+2	40	-6	NE	3	NE	b	3	-	51	38	bcq bc	bc c	bc	6.2
	Scilly (St. Mary's) ...	1022.8	50	NE	6	cg	1026.1	+2	47	-4	NE	5	NE	cg	6	0.3	53	46	bcq	bcq	cp bcq	7.1
	Falmouth ...	1023.4	48	NNE	6	cg 2	1027.0	+3	41	-5	NNE	4	-	b	5	-	53	40	bcq bcq	bcq bcq	cg bcq	6.8
	Jersey (St. Aubin) ...	1016.6	48	NE	6	ogp	1020.3	-	50	+2	ENE	6	-	o	4	2	53	46	c op	ogp	ogp o	1.8
	Portland Bill ...	1020.0	47	NE	5	c	1024.4	+3	42	-4	NE	5	NE	bc	4	1	49	42	c bcp	cg	bc c	1.8
	Dungeness ...	1018.6	48	NE	8	cg	1022.7	+1	48	-2	NE	7	NE	bc	7	1	50	46	og	ogp	ogp bc	1.8
Dover ...	1020.3	47	NE	7	c	1023.9	+2	46	-2	NE	5	NE	c	6	-	47	44	o	o c	c o c	0.0	
NORTHERN EUROPE.	Wick ...	1035.3	45	NNE	2	c	1031.8	-3	40	+2	N	2	-	c	2	-	48	37	bc c	c	c	0.2
	Nairn ...	1036.1	45	NNE	2	og	1033.1	-	40	+7	SW	1	-	og	1	1	47	33	p cg	vp c o	p c	0.2
	Aberdeen ...	1034.6	45	NNW	2	o	1031.4	-1	42	+1	NW	2	-	c	3	1	49	39	bcp	bc c o	o bc o	2.8
	Leith ...	1033.6	48	ENE	3	o	1032.4	-1	41	-3	WNW	2	W	c	3	3	48	40	cp	op o	o	1.8
	Tynemouth ...	1031.2	47	NE	4	cg p	1030.2	-1	44	-2	NW	3	-	ond	4	2	48	43	cg p	cg p	bc bcq p	1.8
	Spurn Head ...	1027.7	46	E	6	cg p	1027.4	0	48	-1	ENE	6	-	o	7	4	49	41	cg p	cg p	cg bcq p	0.0
	Yarmouth ...	1025.4	48	ENE	7	c	1025.3	-1	47	-2	NE	4	NE	bcp	4	1	51	46	cg p	cg p	bcq p	0.0
	Clacton-on-Sea ...	1022.8	49	ENE	6	c	1025.2	+1	44	-5	N	3	NE	c	2	0.1	50	43	c	c	cp	1.2
	Nottingham ...	1027.9	44	NE	5	o	1028.7	-	42	-3	N	3	N	chm	1	1	49	38	c op	o cp	op c	0.4
	Bath ...	1023.8	47	E	3	o	1027.4	-	42	-3	E	2	E	o	1	1	51	36	bc c o	g p c o	o c bc o	2.3
	Sth Farnborough ...	1022.5	44	NE	5	c	1025.4	+1	41	-4	NE	2	NE	bc v	1	Trace	49	38	bc bc c o	op c	bc	1.3
	London (Kew Obsv.) ...	1023.4	45	NE	5	c	1026.1	+1	43	-4	NNE	3	NE	bm	1	0.3	49	42	bm omor	or ogp chm	cg bcq bc	0.9
FRANCE, &c.	Spitsbergen ...	1034.3	12	-	0	b	1027.4	-3	14	-4	S	4	-	c	1	-	18	10	<b>GALES.</b> Duration and Extreme Force in British Islands.  <u>Spurn Head:</u> Force 8 in squalls.  <u>Yarmouth:</u> 16h.-21h. ESE 8.  <u>Dover:</u> 7h.-13h NE 8.  <u>Dungeness:</u> 7h.-2h. E 8.  Extremes, 7h. and 13h. E 9.  <u>LONDON (Kew):</u> 14h.12m. Squall NE 17.5 mps.			
	Vardö ...	1019.1	25	NE	5	o	1022.7	+3	27	-3	NNE	6	-	o	5	-	30	25				
	Bodö ...	1020.6	34	E	5	c	1028.8	+2	27	-12	E	4	N	c	2	-	39	23				
	Christiansund ...	1024.8	39	NW	5	S	1025.5	0	36	-3	NE	3	-	c	3	4	41	30				
	Skudesnaes ...	1026.0	37	N	4	b	1021.5	0	37	+5	N	4	-	b	2	-	45	32				
	Færder (Xiania Fjord) ...	1021.7	37	NW	4	b	1018.4	0	37	+3	N	6	-	b	2	-	39	32				
	The Scaw (Skagen) ...	1023.4	39	N	3	c	1017.5	-1	41	+2	NNE	7	-	c	5	-	43	37				
	Blaavands Huk ...	1026.0	36	NE	1	b	1018.1	-3	45	+17	NW	4	N	c	4	-	45	30				
	Haparanda ...																					
	Hernösand ...																					
SOUTHERN EUROPE.	Stockholm ...																					
	Wisby ...																					
	Karlstad ...																					
	Petrograd (5 a.m. G.M.T.) ...																					
	The Helder ...	1025.9	45	ENE	5	c	1023.9	-2	45	+2	N	1	-	c	1	-	46	37	<b>GALES.</b> Duration and Extreme Force in British Islands.  <u>Spurn Head:</u> Force 8 in squalls.  <u>Yarmouth:</u> 16h.-21h. ESE 8.  <u>Dover:</u> 7h.-13h NE 8.  <u>Dungeness:</u> 7h.-2h. E 8.  Extremes, 7h. and 13h. E 9.  <u>LONDON (Kew):</u> 14h.12m. Squall NE 17.5 mps.			
	C. Gris Nez ...	1019.0	43	NE	7	o	1022.9	+2	40	-5	E	6	-	c	5	12	46	39				
	La Hève ...	1016.4	41	ENE	5	c	1020.2	-	41	+1	ENE	4	-	bc	4	-	54	39				
	Ushant ...																					
	Brest (St. Mathieu) ...	1018.4	51	NE	6	m	1020.6	+2	50	-3	NE	4	-	c	3	3	57	48				
	Rochefort (Ile d'Aix) ...	1010.3	52	ESE	2	b	1010.9	+2	47	-4	NE	7	-	o	1	6	64	46				
Biarritz ...	1007.8	54	WSW	3	o	1006.7	-1	47	-7	ESE	2	-	o	4	2	59	45					
Paris ...	1015.1	41	NE	2	b	1017.5	+1	43	+4	NNE	3	-	o	1	-	46	39					
Belfort ...	1014.1	48	ENE	4	r	1013.7	-	40	-5	E	6	-	o	1	5	55	39					
Lyons ...	1013.1	46	E	1	r	1009.9	-	45	-1	NNW	3	-	o	1	-	54	43					
Nice ...	1008.4	53	E	1	b	1006.3	0	53	0	E	2	-	c	3	-	63	46					
Perpignan ...	1008.7	54	-	0	o	1001.6	-5	46	-4	W	2	-	m	1	60	63	45					
Sanguinaire ...																						
SOUTHERN EUROPE.	Corunna (7 a.m.) ...																					
	Madrid (8 a.m.) ...																					
	Lisbon (9 a.m.) ...	1016.8	57	NNW	5	b	1012.7	-2	55	-	NNW	4	-	b	5	-	63	55				
	Gibraltar ...	1011.8	60	W	5	b	1009.8	-	53	-7	NW	5	-	b	4	0.3	71	53				
	Rome ...																					
Malta (8 a.m.) ...																						
SOUTHERN EUROPE.	Azores (Horta, 8 a.m.) ...	1032.4	-	S	4	b	1032.0	-1	63	+1	-	0	-	o	1	-	73	61				
	Madeira (Funchal) ...	1022.4	68	NE	3	c	1021.7	0	63	-3	NE	3	-	o	3	7	72	63				



**FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.

**No Warnings  
Issued**

Western Channel and Bay 11

- |    |            |   |
|----|------------|---|
| 0  | a }<br>b } | Light to moderate Northerly winds, freshening somewhat; dull weather, with some showers; temperature rather cool.     |
| 1  |            |   |
| 2  | a }<br>b } | Fresh Northerly backing towards North-West and decreasing somewhat in force; fair, some showers; temperature cool.    |
| 3  |            |   |
| 4  | a }<br>b } | Moderate Northerly winds; fair, some showers; cool.   |
| 5  |            | Same as No 3.   |
| 6  | a }<br>b } | Same as Nos 0 to 2.   |
| 7  | a }<br>b } | Same as No 4.   |
| 8  | a }<br>b } |   |
| 9  | a }<br>b } | Light variable to Northerly winds; weather fair; temperature rather cool.   |
| 10 | a }<br>b } |   |
| 11 |            | Fresh North-Easterly winds, moderating and backing to North; weather fair; temperature rather cool; sea rather rough. |

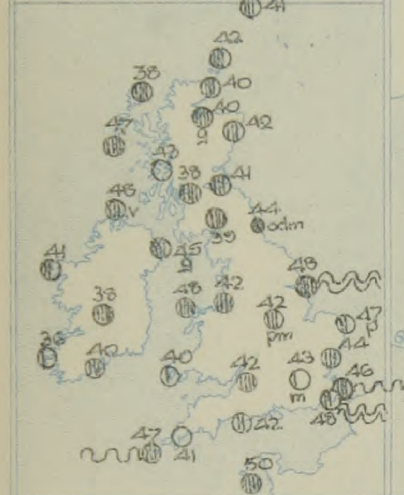
**FURTHER OUTLOOK.**

# SYNOPTIC CHART FOR 7 a.m., TUESDAY, 26<sup>TH</sup> OCTOBER, 1915.

## GENERAL INFERENCE.

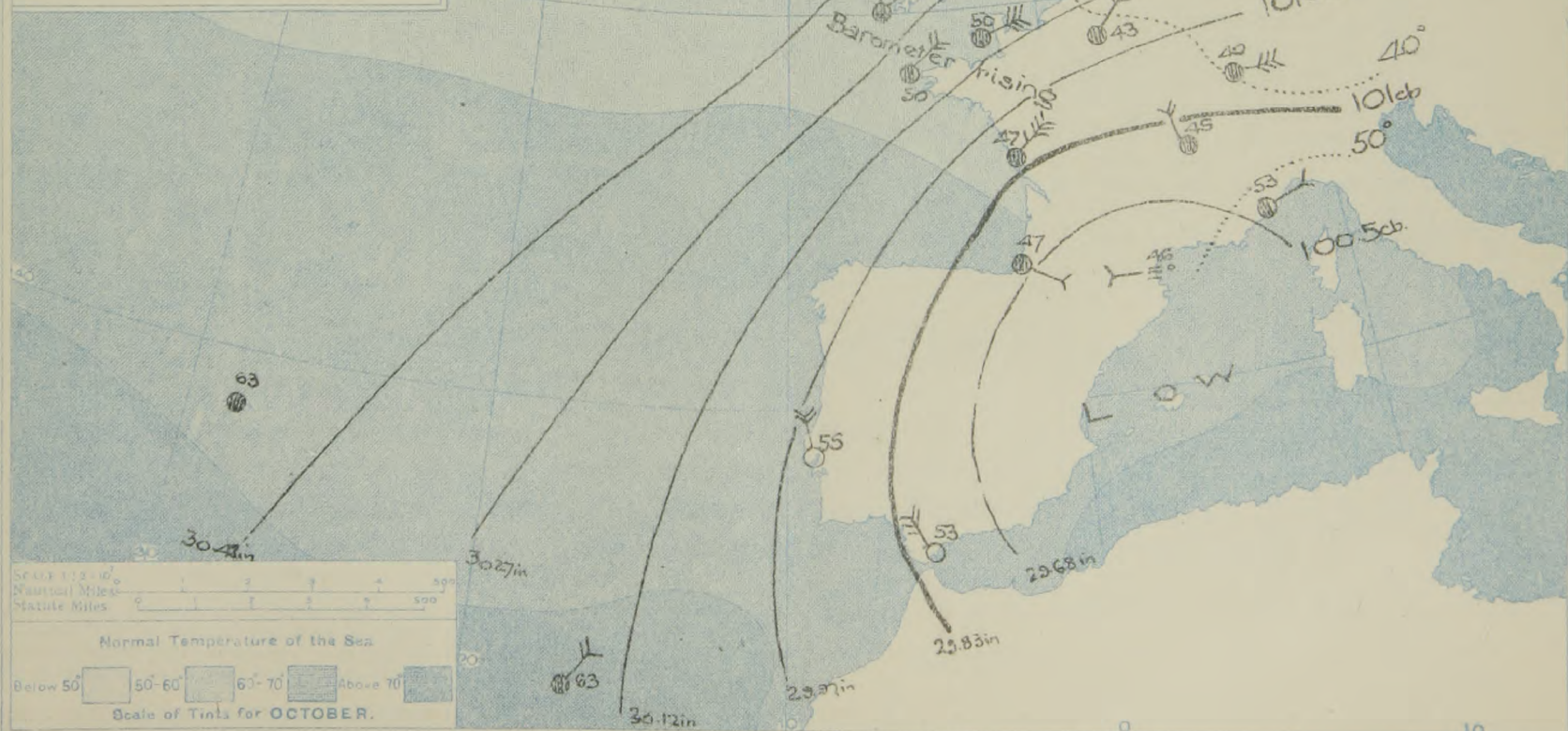
The depression over Southern Scandinavia is spreading towards Scotland and will cause some backing of the wind over the eastern parts of the country.

### TEMPERATURE, WEATHER AND SEA DISTURBANCE.



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



# DAILY WEATHER REPORT.

Tuesday, 26<sup>th</sup> October, 1915.

## REPORTS FOR YESTERDAY.

25<sup>th</sup> October

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain- fall. Milli- metres.	TEMP.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.		Min.	
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.							
		° F.						° F.	° F.									
Petrograd.	1031.5	30	E	2	S	1023.4	-5	32	+5	SE	2	-	S	*	1	41	25	
Sanguinaire.	*	69	N	1	c	*	*	69	-	E	3	*	0	2	-	70	52	
Rome.	1017.9	57	E	1	b	1014.0	+2	54	-	NE	2	-	*	*	-	64	52	
Azores (Horta, Rum).						1031.5	0	62	+1	-	0	*	0	1	-	73	61	
Madeira (Funchal).	1021.5	70	ENE	4	*	1022.7	0	66	+2	NE	3	-	0	3	1	72	66	

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.		
	mm. §	° F.	° F.			Hr.		mm. §	° F.	° F.			Hr.	
Scotland.	{ Oban ... ..	1	51	35	δ	δ	47	{ Tunbridge Wells ... ..	2	49	45	o. c. δc. o	o. c. op	0
	{ Banff ... ..	1	49	32	op. δc	c. o	14	{ Margate ... ..	0.1	50	48	c	c	0
	{ Carnoustie ... ..							{ Ramsgate ... ..	1	53	47	o. c	c	0
	{ St. Andrews ... ..	2	51	42	*	*	19	{ Hastings ... ..	22	49	45	o. o	op	0
Eng. N.E.	{ Harrogate ... ..	0.5	47	40	o. δc. c. p	δc. c. δ	3.0	{ Bexhill-on-Sea ... ..						
	{ Skegness ... ..	2	51	46	o. δc. o	c. o. δc. c	14	{ Eastbourne ... ..	12	50	46	o	o	0
Eng. N.W.	{ Morecambe ... ..	-	46	42	δc	δc	53	{ Seaford ... ..	17	50	45	o	o	0
	{ Blackpool ... ..	0.3	50	41	δ. δc	δ	62	{ Brighton ... ..	14	49	47	o. c. o	o	0
	{ Southport ... ..	-	50	44	δc. c	δc. δ	44	{ Worthing ... ..	-	49	47	o	o. c	0
								{ Littlehampton ... ..	5	50	42	o	o. δc	0
Midlands.	{ Buxton ... ..	1	45	38	δc	δc. c	34	{ Bognor ... ..	10	51	45	o	o	0
	{ Leamington Spa ... ..	8	49	43	op	c	11	{ Southsea ... ..	15	50	45	o	o	0
	{ Malvern ... ..	5	47	42	c. o	p. o	0.2	{ Bournemouth ... ..	7	50	42	p. c	o. c	2
	{ Ross-on-Wye ... ..	6	48	43	o. op	op. o	0.1							
Wales.	{ Rhyl ... ..	-	50	44	δ	δc. c	2.9	{ Weymouth ... ..	4	51	44	c. δc	δc. δ	1
	{ Colwyn Bay ... ..	-	50	41	δc	δc. o	3.2	{ Torquay ... ..	2	52	47	δc. o	o. a	4
	{ Llandudno ... ..							{ Paignton ... ..						
	{ Aberystwyth ... ..	6	51	45	o. o. c	c. δc. c	6.7	{ Falmouth ... ..						
England, E.	{ Tenby ... ..	6	53	45	δ	δc. o	5.5	{ Penzance ... ..	1	54	49	δc	δc. c. o	7
	{ Cromer ... ..	3	50	44	o. op	op	0.9	{ Newquay ... ..						
	{ Lowestoft ... ..	2	50	44	c. o. p. r. h	o. c. p. r. h	0.9	{ Ilfracombe ... ..	1	51	47	δc. c	δc. c	2
	{ Felixstowe ... ..	-	53	49	c. q	c. q	0.2	{ Weston-super-Mare ... ..	1	50	44	δ. δc	δc. p. δc	3
	{ Walton-on-Naze ... ..													
	{ Southend-on-Sea ... ..	-	50	44	δc. c	c. δc	1.7							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 73	% 72	Hr. 1.5	* F. 51	* F. 41	* F. 33	mm.‡ -	c.δc	op.c	δc.δ
City (Bunhill Row) ...	*	*	0.6	*	*	*	*	*	*	*
Westminster (St. James's Pl.)	76	62	0.6	51	43	37	0.5	u.c	oe.	u.c.δc
Camden Sq. (Brit. Rainfall)	74	79	0.5	51	40	35	0.4	p. 0	oe. c	*
Hampstead (Reservoir) ...	*	83	0.8	47	39	28	1	c.op	δc.c	0
Richmond Park ...	*	*								
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
(Greenwich and Camden Square air temperatures are in Gaisler screens.)				Total.	Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)	72	79	0.4	386	Joules		10.7 Milliwatts.		31 Milliwatts.	

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	mm. § 13	° F. 50	° F. 46	° F. 42	g.c.p	p.c.b	b.c	Hr.
Darwen to 9 p.m.	0.4	47	38	34	o.w.c	c.b.u	u.c.b	2.2
Manchester "				*				
Birmingham "	0.2	48	42	37		o	a.c	0.1
Oxford to 8 p.m.	*							
Teignmouth to 9,,	1	52	46	45	o.c	b.c	b.c.c	2.9
Plymouth "								
S. Kensington (Museum Grounds to 6 p.m.)	0.4	51	45	40	o.w.o	o.g.o	o.g.o	*

## NOTES ON YESTERDAY'S WEATHER.

A temperature of 57° was reached at Valencia, otherwise the maxima were mostly about 50°. The weather was generally showery, while heavy falls up to 23 millimetres were experienced along the South coast from Hastings to Southsea.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; δc. sky half clouded; c. sky three parts clouded; d. drizzling 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; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 300

Wednesday

27<sup>th</sup> October 1938

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sea- state for Yester- day.
	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.	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.	
Lerwick	1026.5	40	NNE	2	bc	1021.6	-2	38	-3	-	0	-	bc	0	0.2	44	37	cp	bc	bc	Hours.
Deerness	1027.1	40	-	0	cp	1021.6	-2	38	-3	-	0	-	bc	0	0.2	44	37	c	cp.c	bc	
Stornoway	1028.5	44	NW	1	o	1018.2	-5	45	+7	S	3	-	o	3	-	48	37	o.c	o.c	o.c	1.2
Castletown (Barra Isd.)	1028.6	47	NW	1	o	1017.5	-5	49	+2	SE	4	-	op	4	-	49	46	o	o	op	0.0
Glasgow	1028.3	42	WNW	1	o	1020.7	-4	35	-3	ESE	1	-	m	*	Trace	46	34	c.c.c.o	o.c.o.g	o.c.b.m	2.3
Esksdalemuir	1029.0	36	NW	2	c	1021.0	-4	31	-8	-	0	-	o	*	-	44	28	o.c.o	o.c	o.c	0.4
Malin Head	1028.7	47	NE	1	cv	1019.1	-5	45	-3	S	2	S	cg	2	-	50	44	cv	cv	cg	0.0
Blacksod Point	1029.6	44	SSW	2	cg	1016.4	-8	49	+8	SSE	4	S	or	3	1	50	38	bc	cg	cm.cg	*
Valencia	1029.8	44	-	0	c	1019.5	-5	50	+14	S	3	-	o	3	-	53	36	bc	bc	bc.c.o	6.0
Roche's Point	1030.6	48	NNE	2	o	1022.4	*	44	+4	E	1	-	o	2	-	52	40	bc.c	o.c	om	*
Birr Castle	1030.8	40	N	1	bc	1020.8	*	37	-1	S	1	-	o	*	-	50	34	bc	bc.c	o	5.6
Donaghadee	1028.7	46	W	3	cg	1019.8	-3	42	-3	SW	2	-	ogm	2	-	47	42	cg	cg	cg.om	*
Liverpool (Bidston)	1028.3	45	N	2	o	1021.0	-1	39	-3	N	1	N	bc	1	-	48	39	om	o	abc	0.0
Holyhead	1028.4	49	NNE	5	om	1020.5	-3	46	-2	S	3	-	og	2	-	50	45	om	o.c.om	o	0.0
Pembroke (St. Ann's)	1029.0	46	NE	2	cv	1022.8	-2	47	+7	NW	2	NW	c	1	-	49	39	bc.c	c	exc	2.2
Scilly (St. Mary's)	1026.8	49	NE	4	c	1023.5	-2	48	+1	-	0	SW	om	4	-	53	44	bc	bc.c	o.om	7.4
Falmouth	1027.5	47	ENE	3	cz	1023.0	-2	43	+2	NE	1	-	o	4	-	52	40	bg	bg.b	o.c	8.1
Jersey (St. Aubin)	1022.5	51	NE	4	o	1020.7	*	48	-2	N	2	-	og	2	-	54	48	o.c.b	bc.o	bc.og	5.5
Portland Bill	1026.0	47	NNE	5	o	1022.2	-1	43	+1	N	3	N	o	3	-	51	41	bc.c	o	o	*
Duness	1022.8	47	N	2	bc	1019.9	-1	34	-14	NW	2	N	bc	2	-	50	33	bc	bc	bc	*
Dover	1023.4	46	N	5	bc	1019.6	-1	41	-5	NW	5	-	b	2	0.4	57	38	bc	bc	bc	1.5
Wick	1027.2	42	WNW	2	c	1020.0	-3	37	-3	WNW	1	N	c	2	1	46	35	c	cmp.d	bc.c	*
Nairn	1028.0	42	WNW	1	cg	1019.9	*	34	-6	SW	1	-	bc	1	-	47	34	cg	o	bc	0.3
Aberdeen	1027.0	41	NW	3	bc	1020.2	-2	39	-3	NW	1	-	om	2	2	47	39	bp	cp	bc.c.p.o	1.4
Leith	1027.3	44	NW	2	c	1020.2	-5	38	-3	SW	1	-	bz	*	-	49	37	c	c	cbc	*
Tynemouth	1027.2	44	NNW	2	cmp	1021.0	-4	39	-5	NW	1	-	cmp	3	3	47	37	cmp	cmp	cmp	*
Spurn Head	1026.1	49	N	6	r	1019.7	-2	43	-5	N	6	-	cg	6	2	52	37	cg	bc	bc	2.4
Yarmouth	1023.3	46	NE	3	c	1018.4	-3	40	-7	NW	3	NW	cmp	3	3	53	40	bc	bc	cp	2.5
Clacton-on-Sea	1024.2	45	N	3	bc	1019.8	-1	41	-3	NW	2	N	c	1	-	57	37	C.bc	bc.c.bc	bc.c	2.0
Nottingham	1026.9	46	N	2	o	1021.1	*	40	-2	W	1	SW	c	*	-	48	40	o	o	om	0.0
Bath	1027.2	45	E	1	o	1022.1	*	40	-2	W	1	N	o	*	-	47	39	o	og	o	1.4
St. Farnborough	1025.8	46	N	2	o	1021.1	-1	40	-1	WNW	1	N	oz	*	-	49	38	b.o	o	o	1.8
London (Kew Obsy.)	1026.0	47	N	2	o	1021.3	-1	41	-2	-	0	-	om	*	-	49	39	bm	o	o.om	0.8
Spitsbergen	1008.4	30	S	4	S	1001.3	0	28	+14	NNW	4	*	S	*	*	30	5				
Vardö	1025.5	30	NE	3	o	1016.7	-2	28	+1	W	6	-	o	3	*	30	21				
Bodö	1029.5	23	E	2	b	1028.0	-3	21	+6	E	2	-	b	2	-	30	19				
Christiansund	1026.0	34	SE	2	b	1023.8	0	17	-9	SE	3	-	b	3	-	36	27				
Skudesnaes	1020.3	37	NNW	2	b	1018.7	0	34	-3	SSE	5	-	c	2	-	43	34				
Færder (Klamiafjord)	1020.6	34	N	7	b	1020.3	0	28	-9	N	6	-	b	2	-	37	28				
The Scaw (Skagen)	1018.4	36	NE	6	c	1018.6	0	30	-11	NE	4	NE	bc	4	-	43	28				
Blaavands Huk	1019.4	36	E	1	o	1018.6	0	30	-15	NE	1	-	o	1	-	45	27				
Haparanda																					
Hernösand																					
Stockholm																					
Wisby																					
Karlstad																					
Petrograd (6 a.m. G.M.T.)																					
The Helder	1020.6	46	N	5	c	1017.1	-1	41	-4	ESE	1	-	bc	2	3	50	41				
C. Gris Nez	1022.3	49	NE	6	b	1019.1	-1	46	+6	N	4	*	c	4	Trace	50	45				
La Hève	?	46	?	3	b	1019.9	*	46	+5	N	4	*	o	4	*	50	43				
Ushant																					
Brest (St. Mathieu)	1024.0	59	NE	5	o	1023.0	-1	48	-2	NE	2	*	o	1	-	61	46				
Roche fort (Île d'Aix)	1014.3	46	NE	7	bc	1017.5	+3	39	-8	NE	6	*	b	*	1	57	39				
Biarritz	1008.0	49	NE	2	r	1014.4	+4	43	-4	ENE	2	*	o	2	13	50	43				
Paris	1019.1	43	NNE	4	b	1019.3	0	41	-2	N	1	-	o	*	-	48	36				
Belfort	1015.3	41	ENE	7	b	1016.8	*	32	-8	ENE	2	*	b	*	-	46	29				
Lyons	1012.6	44	NNW	4	o	1014.6	*	37	-8	N	3	*	b	*	-	48	37				
Nice	1005.0	56	E	4	r	1007.7	+1	50	-3	SW	2	*	o	4	14	61	45				
Perpignan																					
Sanguinaire																					
Corunna (7 a.m.)	1017.2	55	NE	7	o	1020.7	+3	54	0	NE	5	-	bc	3	4	57	50				
Madrid (8 a.m.)	1004.2	50	NNW	1	o	1014.7	+6	46	+3	NNE	5	-	o	*	1	54	45				
Lisbon (9 a.m.)																					
Gibraltar	1006.4	56	W	4	b	1007.4	*	55	+2	W	4	*	o	1	-	63	53				
Rome																					
Malta (8 a.m.)						1007.5	+2	70	0	NNW	1	-	f	0	-	77	68				
Azores (Horta, 8 a.m.)	1030.4	*	NE	4	c	1028.7	0	63	0	NNE	2	*	b	1	-	68	61				
Madeira (Funchal)																					
South Farnborough. 7 a.m.																					
Pilot Balloon Ascend.																					
Wind at 1400 metres NNE 7 miles per hour.																					
" " 500 " N 20 " " "																					

## RAINFALL.

Equivalents of Millimetres.  
in inches.

mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
20	0.79	45	1.77
21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97

South Farnborough 7 a.m.

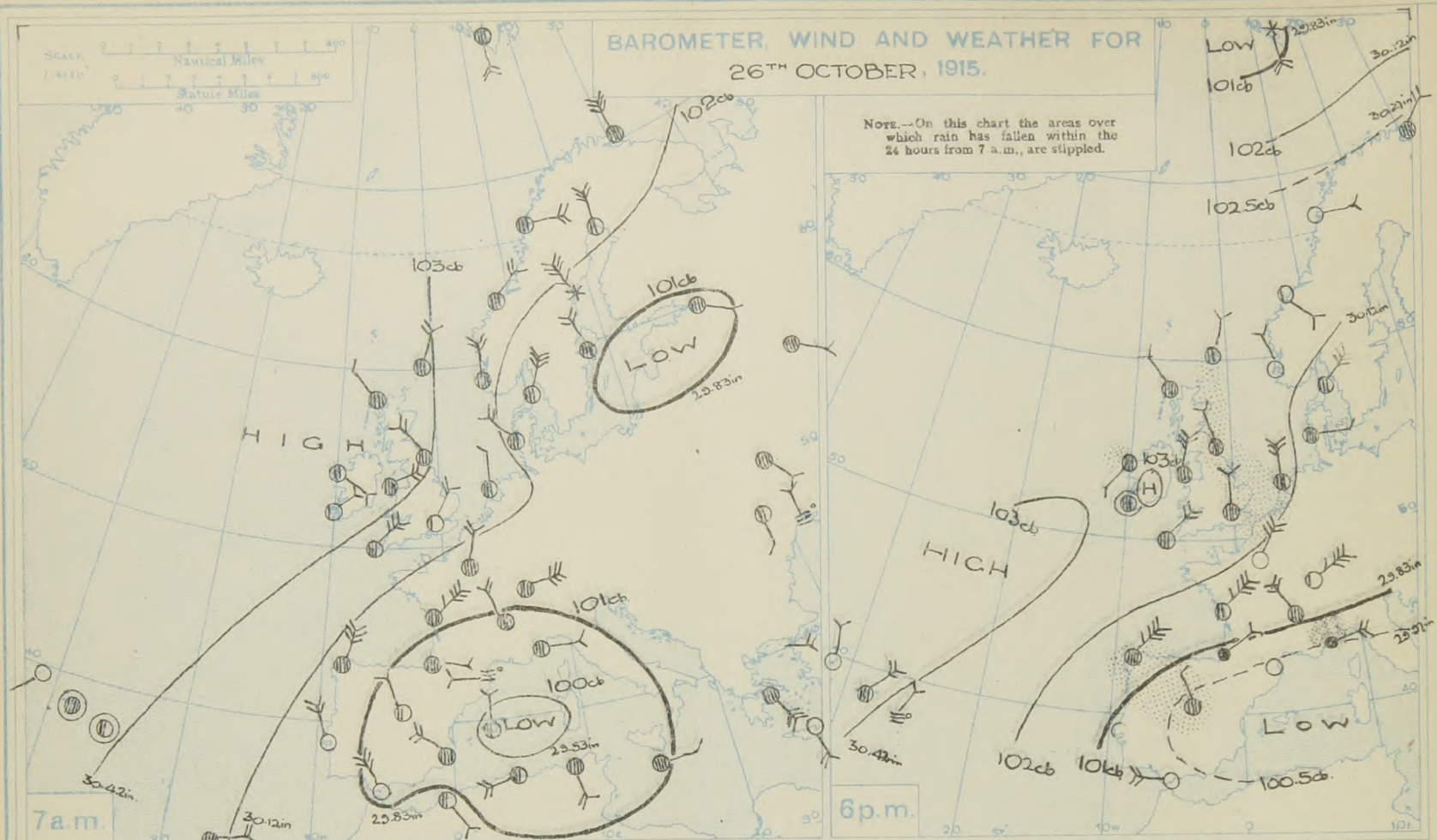
Pilot Balloon Ascent.

Wind at 1400 metres NNE 7 miles per hour.  
" " 500 " N 20 " " "

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.



**FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.

**Cones Hoisted  
10.45 a.m.**

Western Channel and Bay 11

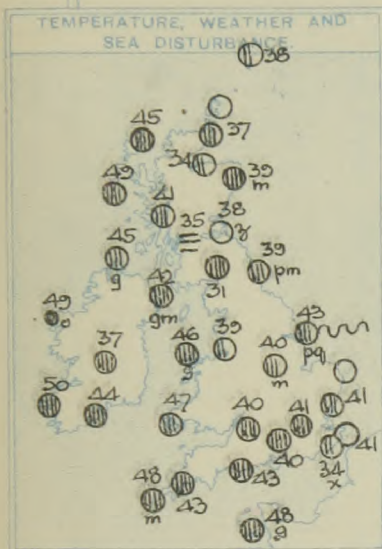
- |    |   |  |
|----|---|--|
| 0  | a | Moderate Southerly winds, freshening decidedly;  |
| 1  | b | weather dull, some rain later; temperature rising.   |
| 2  | a | Wind calm at first, then freshening from the   |
| 3  | b | Southward; weather fair, becoming dull and unsettled later; temperature rising.  |
| 4  | a | Same as No 5.  |
| 5  | b | Same as No 2.  |
| 6  | a | Moderate North-Westerly wind, dropping and   |
| 7  | b | freshening again from the South-Westward to-night or to-morrow morning; cloudy, unsettled later; temperature rising to-morrow. |
| 8  | a | Same as Nos 6 and 1.   |
| 9  | b | Same as No 2.  |
| 10 | a | Fresh Southerly winds, increasing in force;  |
| 11 | b | weather dull and rainy; temperature rising.  |
|    | a | Calm at first, then wind freshening from the South-  |
|    | b | Westward; weather dull, misty, some rain; sea rather rough.  |

**FURTHER OUTLOOK.**

# SYNOPTIC CHART FOR 7 a.m., WEDNESDAY, 27<sup>TH</sup> OCTOBER, 1915.

## GENERAL INFERENCE.

A depression is spreading in from the Atlantic and will cause freshening winds from the Southward over the country generally.



## EXPLANATION.

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

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

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

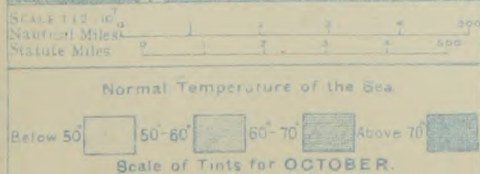
**WEATHER.**—Shown by the following symbols:—  
○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded.  
○ sky 3/4 clouded. ○ overcast sky. ● rain falling.  
✱ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
K, thunderstorm.

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

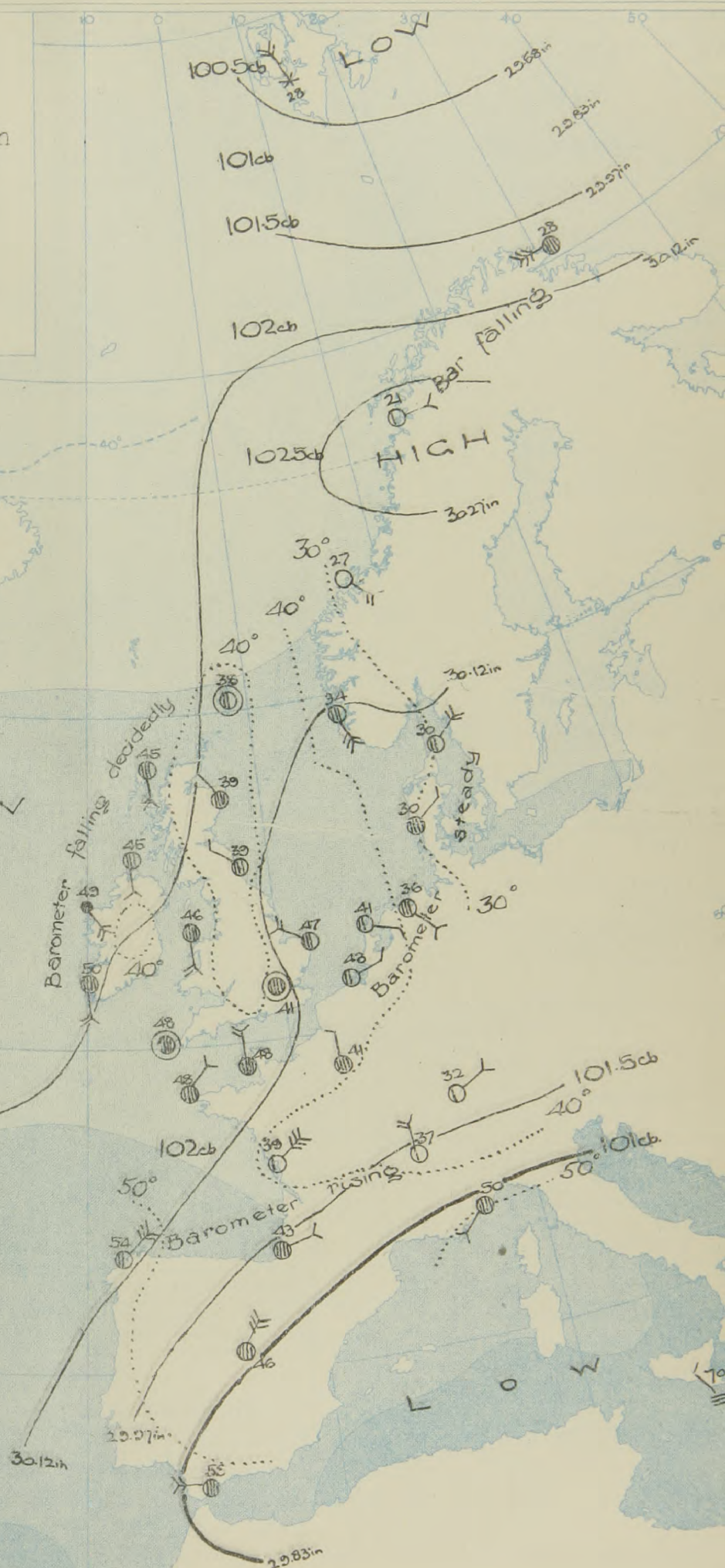
Inches  
31

30

29



102.5cb  
HIGH



## DAILY WEATHER REPORT.

Wednesday, 27<sup>th</sup> October, 1915.REPORTS  
FOR  
YESTERDAY.26<sup>th</sup> October.

STATIONS.	EVENING OBSERVATIONS.				
	Barom. Milli- bars at M.S.L.	Temp. ° F.	Wind. Direc. Force 0-12.	Weather.	
Habaranda	1008.6	28	N	4	S
Hernösand	1013.1	34	SW	2	C
Stockholm	1016.3	32	W	4	C
Wiskby	1017.6	37	NNE	6	C
Karlstad	1020.2	32	W	0	C
Petrograd	1012.8	32	SW	2	S
Corunna	1016.7	57	NNE	6	0
Madrid	1009.3	?	N	?	?
Malta	*	*	*	*	*

OBSERVATIONS AT 7 A.M., G.M.T.												Rain- fall. Milli- metres.	TEMP.	
BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Max.	Min.				
Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.									
		° F.	° F.											
1020.4	+5	19	-15	N	6	-	bc	*	?	30	18			
1016.6	+2	27	-3	NW	8	-	S	*	Trace	36	27			
1010.3	+2	30	0	NNW	4	-	0	*	1	36	30			
1009.7	-3	37	-2	N	8	-	bc	*	5	41	32			
1015.9	?	36	+11	NW	4	-	b	*	-	37	27			
1017.0	-2	30	-2	SE	2	-	0	*	3	34	30			
1015.8	+2	54	-7	NNE	6	-	0	0	3	59	52			
1007.5	0	43	-5	N	1	-	bc	*	54	41				
1009.0	+3	70	0	E	1	-	0	1	75	70				

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.		Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.		Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban ...	...	48	31	bc	bc	1.5	England, S.E.	Tunbridge Wells ...	...	52	40	o.c. bc	o. bc	1.4
	Banff ...	3	46	44	bc	cp	0.2		Margate ...	...	52	47	cp	c	1.0
	Carnoustie ...	...	...	...	...	...	...		Ramsgate ...	...	53	45	d. bc	bc	1.0
	St. Andrews ...	...	...	...	...	...	...		Hastings ...	...	50	41	op. o	bc	1.4
Eng. N.E.	Harrogate ...	0.2	45	38	0	0	0.0	England, S.W.	Bexhill-on-Sea ...	...	52	40	0	o. bc	0.0
	Skegness ...	1	51	44	o. bc	bc. o	1.4		Eastbourne ...	...	53	39	bc	bc	2.0
Eng. N.W.	Morecambe ...	...	48	40	c	c	0.1	England, S.W.	Seaford ...	...	52	41	c. o	o. c. bc	1.7
	Blackpool ...	...	48	37	o. c. o	0	0.0		Brighton ...	...	52	41	c. bc	c	1.8
	Southport ...	...	48	38	o. c	o. c	0.1		Worthing ...	...	50	39	0	o. bc	1.8
Midlands.	Buxton ...	...	43	33	c	c	0.0	England, S.W.	Littlehampton ...	...	51	40	o. bc	o. c	1.9
	Leamington Spa ...	0.3	47	36	o. c	c	0.1		Bognor ...	...	51	40	bc	bc	3.5
	Malvern ...	...	45	36	c	c	1.1		Southsea ...	...	51	36	b	bc. o	4.7
	Ross-on-Wye ...	...	46	34	bc	com	0.2		Bournemouth ...	...	51	36	b	bc. o	4.7
Wales.	Rhyl ...	...	48	43	bc	of. o	0.0	England, S.W.	Weymouth ...	...	51	45	b	bc. c	5.2
	Colwyn Bay ...	...	48	45	bc	bc	0.0		Torquay ...	...	53	42	b	bc. c	5.6
	Llandudno ...	...	...	...	...	...	...		Paignton ...	...	50	42	c	c	5.9
	Aberystwyth ...	...	50	32	o. c	c. bc	1.5		Falmouth ...	...	52	40	bc	bc. bc	8.1
England, E.	Tenby ...	...	54	38	0	bc	3.6	England, S.W.	Penzance ...	...	52	43	b	bc	8.5
	Cromer ...	2	49	45	0	op	0.3		Newquay ...	...	49	42	b	b	7.3
	Lowestoft ...	1	52	46	c. op. c	c. op. c	1.9		Ilfracombe ...	...	50	46	bc. bc	bc. c	9.5
	Felixstowe ...	...	51	43	bc	bc	3.8		Weston-super-Mare ...	...	49	41	bc. bc	bc. c	9.5
England, E.	Walton-on-Naze ...	...	...	...	...	...	...	England, S.W.	...	...	...	...	...	...	...
	Southend-on-Sea ...	...	52	39	bc. cu	c	3.7		...	...	...	...	...	...	...

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 72	% 75	Hr. 2.0	° F. 50	° F. 39	° F. 32	mm. g -	bc	0	0
City (Bunhill Row) ...	% 72	% 75	1.1	% 51	% 41	% 35	% -	% bc	% 0	% 0
Westminster (St. James's Pk.)	76	75	0.8	51	41	35	-	-	-	-
Camden Sq. (Brit. Rainfall)	72	74	0.7	51	38	33	-	bc	0	%
Hampstead (Reservoir) ...	% 72	% 83	1.4	48	36	22	-	bc, c, ex	0	0
Richmond Park	% 72	% 83	1.4	48	36	22	-	bc, c, ex	0	0
Kew. (See front page.)	% 72	% 83	1.4	48	36	22	-	bc, c, ex	0	0
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
				Total.		Average Rate.		Max. Rate.		
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				384 Joules		16.7 Milliwatts.		30 Milliwatts.		
S. Kensington (Roof of M.O.)	69	72	0.9	50	39	32	-	bc	0	0

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	mm. §	° F.	° F.	° F.	bc. o	0
Darwen to 9 p.m.	...	48	45	40	bc. o	0
Manchester "	...	45	34	26	bc. o	0
Birmingham "	...	48	40	*	c. of	0
Oxford to 8 p.m.	...	...	...	...	bc. o	0
Teignmouth to 9 "	...	52	41	37	bc. bc	bc. c
Plymouth "	...	52	41	37	bc. bc	bc. c
S. Kensington (Museum Grounds to 6 p.m.)	...	50	42	35	bc. o	0

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

27 <sup>th</sup> & 28 <sup>th</sup> October 1915.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.41	G.M.T. 11.37	G.M.T. 4.33
Greenwich ...	G.M.T. 6.43	G.M.T. 11.37	G.M.T. 4.31
Wick ...	G.M.T. 6.46	G.M.T. 11.44	G.M.T. 4.42
Valencia ...	G.M.T. 7.17	G.M.T. 12.56	G.M.T. 5.24

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 53° or 54° in many parts of the British Isles. There was a good deal of bright sunshine in the west and southwest, ranging up to 8.5 hours at Penzance. The weather continued showery down the east coast.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	Barom. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	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	1015.4	41	SE	4	bc	1008.1	-1	42	SE	7	SE	bcg	6	4	43	38	bcg	bc	bcg	Hours.
	Deerness	1009.8	41	SE	6	cpu	998.3	-	44	SE	8	-	og	7	1	44	42	c.bc	bc.c	c.og	3.9
	Stornoway	1003.6	47	SE	6	og	988.3	-1	46	SE	8	-	og	6	10	48	44	og	og	c.og	0.0
	Castlebay (Barra Isd.)	1000.7	47	SE	6	og	984.3	-1	52	SE	6	-	og	6	11	52	46	og	og	r.og	0.0
	Glasgow	1009.4	41	ESE	3	og	992.7	-3	40	SE	3	S	o	*	8	42	34	c.og	o	og.og	0.0
	Eskdalemuir	1010.5	39	SE	1	o	995.0	-4	37	SE	5	-	or	*	7	42	30	o	o	o.or	0.0
	Malin Head	998.6	43	S	8	ogre	985.6	-2	47	SW	6	SW	og	5	4	47	38	og	og	og	0.0
	Blacksod Point	992.1	51	SSE	10	ogre	987.7	+4	48	WSW	8	NW	bcg	6	21	62	40	og	og	bcg	0.0
	Valencia	999.3	54	S	5	r	995.9	+3	52	WNW	6	W	c.og	5	28	56	47	og	og	c.og	0.0
	Roche's Point	1005.9	53	SW	7	r	996.4	*	48	W	3	-	o	5	16	55	43	og	og	r.or	0.0
	Biri Castle	1002.4	47	S	2	r	992.3	*	45	SW	1	-	o	*	16	51	37	og	og	or.o	0.0
	Donaghadee	1006.5	44	S	3	og	989.4	0	44	S	4	S	bc	3	26	51	42	og	og	og	0.0
	Liverpool (Bidston)	1010.9	44	SE	1	o	994.0	-3	44	ESE	3	E	og	2	7	46	39	c.o	o	og	0.0
	Holyhead	1008.6	49	SW	5	ogdm	992.1	0	51	WSW	5	W	bc	5	12	52	45	og	og	og	0.0
	Pembroke (St. Ann's)	1011.4	50	SW	5	og	995.1	0	53	WSW	5	SW	og	5	21	54	46	og	og	og	0.0
	Scilly (St. Mary's)	1011.8	52	S	4	og	998.1	-1	51	W	6	W	bcg	6	12	53	46	c	o	og	0.0
	Falmouth	1013.2	47	SSW	3	og	998.5	-1	47	WSW	3	-	o	4	21	53	42	o	o	og	0.0
	Jersey (St. Aubin)	1016.4	48	W	2	og	1002.4	*	50	SSW	5	-	o	4	4	52	45	og	og	og	0.2
	Portland Bill	1014.6	50	WSW	3	c	997.2	-9	54	SSW	8	S	og	8	54	43	43	c	c	og	0.0
	Dungeness	1015.1	43	SW	1	o	1003.3	-7	49	SW	5	-	og	5	4	49	33	bc	bc.c	bc.c	0.0
	Dover	1015.2	44	NW	1	o	1004.1	-7	47	SSW	5	S	og	5	6	51	40	b	b	bc.c	6.4
	Wick	1009.6	44	SE	4	c	997.9	0	46	SSE	5	S	o	5	1	46	35	og	c	og	0.0
	Nairn	1008.1	38	ESE	1	bc	993.8	*	44	SSE	4	-	og	4	-	45	32	bc	bc	og	3.4
	Aberdeen	1010.9	42	SE	4	r	998.6	-3	44	SSE	7	-	og	5	7	46	39	og	og	og	1.9
	Leith	1009.2	40	SE	1	c	994.9	-6	40	ESE	3	SE	og	*	2	45	37	bc	og	c.o	0.0
	Tynemouth	1014.7	44	NNE	1	og	998.0	-7	43	SE	5	-	og	4	4	48	39	og	og	og	0.0
	Spurn Head	1013.6	45	WNW	2	c	990.5	-4	43	ESE	6	-	og	6	4	46	40	c	c	og	0.4
Yarmouth	1014.0	43	NW	2	c	1003.9	-5	41	S	3	-	og	3	3	48	42	bc	og	bc.og	1.6	
Clacton-on-Sea	1014.8	44	WSW	1	o	1003.8	-7	46	SSE	4	S	og	4	4	49	40	c.bc	bc.c.og	og	3.8	
Nottingham	1013.1	42	SW	1	o	997.5	*	43	SSE	3	SE	og	*	10	48	38	c.bc	c.o	og	2.7	
Bath	1014.2	45	W	1	o	996.4	*	51	W	2	W	og	*	7	52	39	og	og	og	0.0	
Sth Farnborough	1014.6	43	SW	1	o	999.8	-8	47	S	4	-	og	*	8	46	39	og	og	og	0.0	
London (Kew Obsy.)	1014.6	45	SW	2	o	1000.6	-6	46	SSE	4	-	og	*	6	47	41	og	og	og	0.1	
NORTHERN EUROPE.	Spitsbergen	1005.6	23	E	4	o	1015.5	+5	10	S	1	-	b	*	*	23	10	-	-	-	0.0
	Vardö	1005.6	36	W	6	r	1002.0	+2	34	N	6	-	o	5	*	36	23	-	-	-	0.0
	Bodö	1024.0	28	E	2	c	1019.9	-3	27	E	4	-	o	2	-	25	18	-	-	-	0.0
	Christiansund	1024.0	30	SE	3	b	1018.0	0	28	SE	2	-	b	2	-	30	25	-	-	-	0.0
	Skudesnaes	1017.6	34	ESE	4	b	1014.9	0	32	ESE	4	-	b	2	-	39	32	-	-	-	0.0
	Færder (X'ianla Fjord)	1020.7	30	NNE	6	b	1018.3	-1	27	NNE	6	-	b	2	-	32	27	-	-	-	0.0
	The Scaw (Skagen)	1017.5	32	NE	3	o	1015.5	0	34	ENE	4	NE	c	4	-	34	28	-	-	-	0.0
	Blaavands Huk	1017.0	27	NE	1	b	1013.3	-1	19	ESE	2	-	b	2	-	36	16	-	-	-	0.0
	Haparanda	1022.1	12	W	2	bc	1014.9	-3	12	W	2	-	b	*	-	21	10	-	-	-	0.0
	Hernösand	1022.7	27	NNE	6	c	1021.2	+1	19	-	0	-	b	*	-	28	19	-	-	-	0.0
	Stockholm	1011.9	32	N	4	o	1012.8	+1	30	NNE	4	-	o	*	-	32	30	-	-	-	0.0
Wisby	1008.2	34	NE	4	o	1010.0	+1	32	NE	2	NE	bc	*	4	39	28	-	-	-	0.0	
Karlstad	1017.7	28	NE	6	bc	1017.7	0	25	NNW	2	-	c	*	-	30	23	-	-	-	0.0	
Petrograd (G.M.T.)	1013.3	44	NE	1	r	1008.2	0	37	E	3	-	r	2	2	50	34	-	-	-	0.0	
FRANCE, &c.	C. Gris Nez	1014.9	47	N	4	c	1004.0	-7	46	SSW	6	-	o	4	4	50	43	-	-	-	0.0
	La Hève	1015.7	48	NW	2	o	100.8	*	45	S	6	-	r	4	1	50	41	-	-	-	0.0
	Ushant	1017.2	52	SW	3	o	1002.7	-3	54	W	6	-	r	7	2	57	52	-	-	-	0.0
	Brest (St. Mathieu)	1017.6	47	ESE	2	bc	1011.4	-3	46	SSE	4	-	o	*	-	55	45	-	-	-	0.0
	Rochefort (Ile d'Aix)	1017.1	52	N	2	elr	1011.7	-1	46	SE	2	-	bc	2	-	52	43	-	-	-	0.0
	Biarritz	1016.3	43	-	0	b	1010.0	-14	41	S	2	-	o	*	-	50	37	-	-	-	0.0
	Paris	1017.5	39	E	3	o	1015.3	*	29	-	0	-	og	*	-	48	27	-	-	-	0.0
	Belfort	1016.4	40	WNW	1	bc	1014.9	*	34	NE	1	-	b	*	-	48	31	-	-	-	0.0
	Nice	1009.0	51	-	0	c	1009.3	0	49	-	0	-	bc	2	22	59	46	-	-	-	0.0
	Perpignan	1014.0	46	NW	4	b	1011.4	0	41	NE	1	-	b	-	-	59	39	-	-	-	0.0
Sanguinaire	1018.7	55	NE	5	o	1013.5	-2	54	SW	5	-	r	4	3	57	48	-	-	-	0.0	
SOUTHERN EUROPE.	Corunna (7 a.m.)	1018.7	55	NE	5	o	1013.5	-2	54	SW	5	-	r	4	3	57	48	-	-	-	0.0
	Madrid (8 a.m.)	1018.7	55	NE	5	o	1013.5	-2	54	SW	5	-	r	4	3	57	48	-	-	-	0.0
	Lisbon (9 a.m.)	1018.7	55	NE	5	o	1013.5	-2	54	SW	5	-	r	4	3	57	48	-	-	-	0.0
	Gibraltar	1013.5	57	NE	3	b	1016.9	*	54	NW	5	-	b	1	-	66	51	-	-	-	0.0
	Rome	1013.5	57	NE	3	b	1016.9	*	54	NW	5	-	b	1	-	66	51	-	-	-	0.0
Malta (8 a.m.)	1013.5	57	NE	3	b	1016.9	*	54	NW	5	-	b	1	-	66	51	-	-	-	0.0	
Azores (Horta, 8 a.m.)	1028.2	*	NE	4	o	1028.7	0	64	NE	5	-	o	3	1	70	61	-	-	-	0.0	
Madeira (Funchal)	1028.2	*	NE	4	o	1028.7	0	64	NE	5	-	o	3	1	70	61	-	-	-	0.0	

South Farnborough: 7 a.m.

Pilot Balloon Ascent:—

Wind at 1000 feet South 42 miles per hour.

## GALES.

Duration and Extreme Force  
in British Islands.

## Deerness.

7h. SE. 8.

## Stornoway.

14h-7h. SE. 8.

## Malin Head.

17h-24h S. 8.

## Blacksod Pt.

13h-7h SSE 8 to WSW 8

15h-18h SSE 10

## Roches Pt.

18h-21h SW. 8.

## Pembroke.

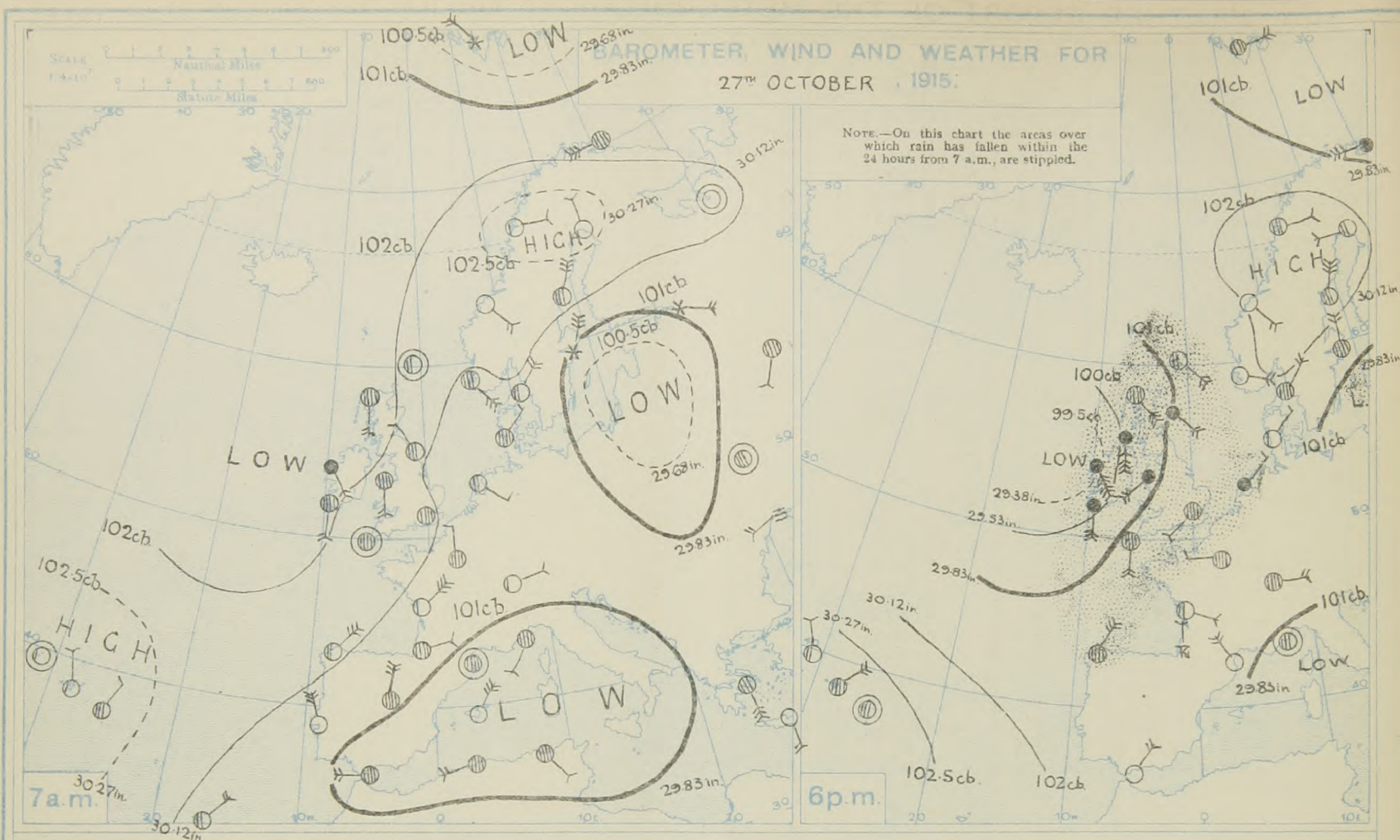
23h-2h. SSW. 8.

## Portland Bill.

4h-7h. SSW. 8.

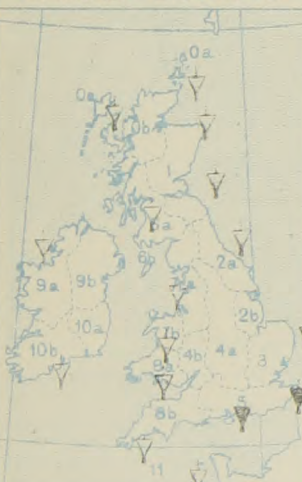
## Aberdeen.

5h. Gusts SE 24 m.p.h.



**FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

*Cones Hoisted Yesterday in Districts 0, 1, 2, 6, 7, 8, 9, 10, 11, and at 1 a.m. To-day in Districts 3 and 5.*

**Western Channel and Bay 11**

- |    |   |   |
|----|---|---|
| 0  | a | } South-Easterly gales, decreasing slowly in force; weather dull and rainy; temperature normal.                         |
| 1  | b |   |
| 2  | a | } Strong Southerly or South-Easterly winds; weather dull and rainy; temperature normal.                                 |
| 3  | b |   |
| 4  | a | } Same as No 5.   |
| 5  | b |   |
| 6  | a | } Moderate or fresh Southerly winds, with rain, veering rather rapidly and weather improving; temperature normal.       |
| 7  | b |   |
| 8  | a | } Fresh Southerly winds and rain, the wind decreasing a little and weather improving somewhat, temperature rather mild. |
| 9  | b |   |
| 10 | a | } Same as No 2.   |
| 11 | b |   |
| 12 | a | } Same as No 4.   |
| 13 | b |   |
| 14 | a | } Fresh winds between South-West and West; showery weather; temperature normal.   |
| 15 | b |   |
| 16 | a | } Strong Westerly winds, decreasing slowly; weather showery; temperature normal.  |
| 17 | b |   |
| 18 | a | } Fresh Westerly winds and showery weather; sea rough.  |
| 19 | b |   |

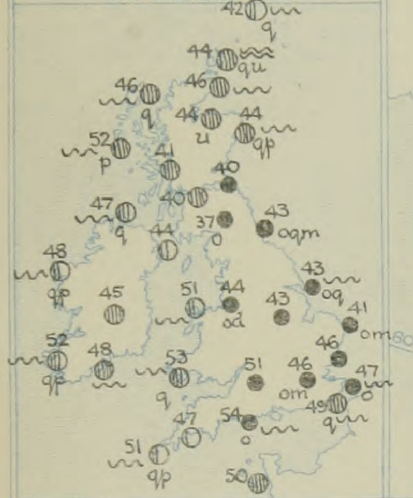
**FURTHER OUTLOOK.**

# SYNOPTIC CHART FOR 7 a.m., THURSDAY, 28<sup>th</sup> OCTOBER, 1915.

## GENERAL INFERENCE.

A deep depression which has advanced to our western coasts is now almost stationary off the North coast of Ireland.

### TEMPERATURE, WEATHER AND SEA DISTURBANCE.



## 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. T. thunder.

⚡, thunderstorm.

**SEA DISTURBANCE.**—Rough. High.

Inches.

31

30

29

Scale 1:12,100  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea

Below 50 50-60 60-70 Above 70

Scale of Tints for OCTOBER.

10

## DAILY WEATHER REPORT.

Thursday, 28th October, 1915.

REPORTS  
FOR  
YESTERDAY.

27th October 1915.

STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.										Rain-fall. Milli- metres.		TEMP. Max. Min.	
	BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.					
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.								
															° F.	° F.			
Deerness						1020.0	x	39	-3	N	1	NE	C	0	2	46	38		
Haparanda	1025.1	19	N	4	0	1026.3	0	10	-9	N	2	-	C	x	-	23	9		
Hermosund	1020.2	27	N	8	0	1023.0	0	25	-2	NNE	6	-	C	x	28	23			
Stockholm	1008.7	30	N	6	0	1009.9	+2	32	+2	NNE	6	-	C	x	6	32	30		
Misby	1009.7	34	N	8	0	1004.2	-3	36	-1	N	8	-	C	x	10	37	30		
Karlstad	1017.7	28	N	4	0	1015.1	0	22	-13	NNW	4	-	C	bc	-	32	19		
Petrograd	1005.0	32	SSW	2	0	1010.3	+1	30	0	ESE	3	-	C	s	2	34	28		
Perpignan	1005.0	43	N	11	0	1006.6	+5	48	+2	-	0	-	C	x	98	52	43		
Lisbon	1009.2	57	NNW	5	0	1013.1	+3	52	-3	NNW	5	-	C	s	-	61	52		
Madeira	1018.4	69	NNE	3	0	1014.1	+2	64	+1	NE	3	N	C	3	2	72	63		

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.			
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.				
	mm. & .	° F.	° F.			Hr.		mm. & .	° F.	° F.			Hr.			
Scotland.	{ Oban ... ..	—	45	40	o	o	0.0	{ Tunbridge Wells ... ..	—	48	34	bc, b, bc	o	2.9		
	{ Banff ... ..	3	45	38	c	bc, ed	1.2		{ Margate ... ..	—	49	44	b, bc, c	b, bc, c	5.0	
	{ Carnoustie ... ..	—	—	—	—	—	—		{ Ramsgate ... ..	—	53	42	bc	bc	6.0	
	{ St. Andrews ... ..	—	47	34	*	*	1.7		{ Hastings ... ..	—	49	37	b, bc	o	2.6	
Eng. N.E.	{ Harrogate ... ..	—	45	34	b, bc, c, o	c, o	3.3	{ Bexhill-on-Sea ... ..	—	51	38	om, b	bc, om	2.3		
	{ Skegness ... ..	0.3	47	36	o, bc	bc, og	1.6		{ Eastbourne ... ..	—	48	37	c	c	1.6	
	Eng. N.W.	{ Morecambe ... ..	—	44	35	c	ed		0.0	{ Seaford ... ..	0.3	47	37	b, c, o	o, c, o	0.5
		{ Blackpool ... ..	—	46	33	o, c	o		1.0		{ Brighton ... ..	—	48	35	bc, c	c
{ Southport ... ..		—	45	34	bc, o	o	1.0	{ Worthing ... ..	—		47	42	o	o, bc	0.2	
{ Bournemouth ... ..		—	47	36	bc	om	0.1	{ Littlehampton ... ..	—		48	37	o	o	0.0	
Midlands.	{ Buxton ... ..	—	45	30	b, c	c	1.9	{ Bognor ... ..	0.3	47	42	o	o	0.0		
	{ Leamington Spa ... ..	—	46	39	c	c	0.0		{ Southsea ... ..	—	47	42	o	o	0.0	
	{ Malvern ... ..	—	45	38	c	c	0.0			{ Bournemouth ... ..	—	47	40	o	o	0.5
	{ Ross-on-Wye ... ..	—	47	36	bc	om	0.1									
Wales.	{ Rhyl ... ..	—	47	36	bc	o	0.0	{ Weymouth ... ..			—	44	40	bc	c, o	0.9
	{ Colwyn Bay ... ..	—	47	43	bc	bc	0.0		{ Torquay ... ..		—	49	42	o	o	0.0
	{ Llandudno ... ..	—	—	—	—	—	—		{ Paignton ... ..	—	59	40	o	o	0.0	
	{ Aberystwyth ... ..	—	49	42	o, c	c, o	0.0		{ Falmouth ... ..	—	50	44	o	o	0.0	
England, E.	{ Tenby ... ..	1	50	42	bc	bc, or	0.0	{ Penzance ... ..	—	49	41	og	og	0.0		
	{ Cromer ... ..	2	41	40	op, or	or	0.4		{ Newquay ... ..	—	49	43	o	o	0.0	
	{ Lowestoft ... ..	1	48	38	o, c, op, c	c	3.0		{ Ilfracombe ... ..	—	49	40	o, c	c, o	0.0	
	{ Felixstowe ... ..	0.2	49	36	c	cm	2.1		{ Weston-super-Mare ... ..	—	49	40				
England, E.	{ Walton-on-Naze ... ..	—	—	—	—	—	—	{ Weston-super-Mare ... ..	—	—	—	—	—	—		
	{ Southend-on-Sea ... ..	—	49	36	c, bc	bc, c, o	1.5									

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			
	3 p.m. Yester- day.	2 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.	
				Max.	Min.						
24 HOURS END 9 A.M. TO-DAY.											
Greenwich (Royal Obs.) ...	% 65	% 94	Hr. 0.0	° F. 47	° F. 41	° F. 39	mm. 8		0	0	0.0
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	69	96	0.0	51	41	42	7	0	0	0	0.0
Camden Sq. (Brit. Rainfall)	65	96	0.0	48	42	41	8	0	0	0	*
Hampstead (Reservoir) ...	*	98	0.0	46	39	37	9	cd	or	or	or
Richmond Park ...	*	*									
Kew. (See front page.)											
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.											
			Total.	Average Rate.			Max. Rate.				
(Greenwich and Camden Square air temperatures are in Glaisher screens.)			343 Joules	9.6 Milliwatts.			19 Milliwatts.				
S. Kensington (Roof of M.O.)	60	92	0.0								

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

	28th October, 1915.	Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	...	6.43	11.37	4.31
Greenwich ...	...	6.44	11.37	4.30
Wick ...	...	6.48	11.44	4.43
Valencia ...	...	7.22	11.56	4.39
		7.30	12.25	5.20
		7.31	12.25	5.19

Gales were reported from many stations in the west,  
force 10 at Blacksod Point. Heavy rain also fell,  
the largest measurement being 28 millimetres at  
Valencia

NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded;  
c, sky three parts clouded; d, drizzling 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; s, snow; t, thunder;  
u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust, haze, or smoke.

The Daily Weather Report is sent free by post to any address in the  
United Kingdom on payment of £1 per annum, for postage and wrappers.  
Single copies 1d. at M.O. and at the bookstalls at certain Railway  
Termini in London.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 302. Friday, 29<sup>th</sup> October, 1915.

	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.	
		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. °F.	Change in 24 hours. °F.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	1009.8	43	SE	7	cg	1014.6	+1	44	+2	SE	6	-	og	6	1	44	39	bcg. of	og. c	og. p	Hours.	
	Deerness ...	1003.4	43	ESE	8	og. u	1008.4	+	44	0	ESE	6	-	og. e	7	1	45	42	og.	og. r	og.	0.0	
	Stornoway ...	998.4	48	SE	7	og. p	1002.4	+1	45	-1	SE	5	-	og	5	1	49	44	og	og. p	og. p	0.0	
	Castlebay (Barraisd.)	993.9	50	S	3	bc	1009.9	+3	47	-5	0	0	-	of	2	8	62	44	og. of	og. bc	bc. of	3.5	
	Glasgow ...	997.5	43	ENE	2	og. g	1003.9	+5	36	+4	E	1	-	bc	3	3	48	35	og. c. o	og. bc	og. bc. m	1.1	
	Eskdalemuir ...	997.3	42	NNE	2	og	1004.3	+3	40	+3	0	0	-	0	2	2	44	30	og. or.	og. or.	og. o	0.1	
	Malin Head ...	994.5	45	SSW	5	cg	1001.0	+2	38	-9	S	1	-	bc. m	3	2	50	38	og. p	og. p	bc. m	0.0	
	Blackod Point ...	994.8	47	WSW	4	og. p	1000.3	+2	44	-4	W	3	W	cp	3	6	52	41	bcg. p	cg. p	cp	0.0	
	Valencia ...	996.5	49	WSW	4	c	1003.7	+3	44	-8	SE	1	NW	of	5	8	52	41	cp. h	cp. h	bc. of	1.4	
	Roches Point ...	994.5	46	SW	3	c	1004.6	+	40	-8	N	1	Al.	C	3	0.3	53	38	of. c	c	bc. c	0.0	
	Birr Castle ...	997.1	42	W	3	c	1003.3	+	31	-4	SW	1	-	C	1	1	51	30	cp	cp	ex	2.3	
	Donaghadee ...	996.2	46	W	3	bc. m	1002.4	+5	37	-7	SW	2	-	bc. m	1	1	51	36	og. bc. m	bc. m	bc. m	0.0	
	Liverpool (Bidston) ...	997.1	46	W	3	r	1004.0	+3	38	-6	SSE	1	SE	bm	2	10	50	38	og. b	og.	og. b. m	1.5	
	Holyhead ...	997.0	50	W	5	bc	1003.2	+2	45	-6	SSW	2	S	cp. h	2	1	55	40	bc. cp	cp. bc	bc. bc. c	4.4	
	Pembroke (St. Ann's) ...	999.5	51	WNW	4	c	1003.2	+2	47	-6	SE	3	SE	bcg. p	3	5	53	45	c	bcg.	cg. p	5.5	
	Scilly (St. Mary's) ...	1002.0	46	WNW	4	cg. p	1003.8	+2	47	-4	0	0	W	cv	5	4	53	43	cg. p	cg. p	bcg. p	3.7	
	Falmouth ...	1001.9	45	W	3	bc	1004.3	+3	42	-5	0	0	-	bc	2	3	54	40	c. bcg. p	bcg. p	cp	6.3	
	Jersey (St. Aubin) ...	1001.4	52	W	3	c	1005.4	+	44	-6	W	3	W	b	2	7	58	39	og. bc. p	og. bc. c	og. bc. b	2.8	
	Portland Bill ...	999.8	51	WNW	5	cp	1004.3	+2	45	-9	NE	1	S	bc	3	2	56	43	og. p	cp	c. bc	0.0	
	Dungeness ...	999.0	51	SW	6	cg	1004.6	+3	40	-9	NNW	2	N	c	2	16	52	36	og. r	og. bc	og. c. f. e	0.0	
Dover ...	1000.8	48	SW	6	r	1006.0	+4	39	-8	0	0	-	m	2	33	49	38	og.	og.	og. bc. m	0.0		
NORTHERN EUROPE.	Wick ...	1002.2	45	SSE	8	r	1007.2	+2	47	+1	SSE	8	S	0	6	5	48	42	og. m. r	og. m. r	og. m. p	0.0	
	Nairn ...	998.9	46	SSE	1	o	1003.7	+	46	+2	SSE	3	-	og. u	3	Trace	46	41	og. c	og. c	og. p	0.0	
	Aberdeen ...	1001.8	44	SE	8	r	1005.8	+3	45	+1	SE	7	-	og. q	7	21	45	42	og. q	og. q	og. q	0.0	
	Leith ...	997.4	45	SE	2	r	1001.4	+3	42	-1	SW	2	S	og. f	4	14	47	41	og. m. r	og. m. r	og. m. p	0.0	
	Tynemouth ...	996.0	46	SW	2	og. m	1003.6	+3	43	0	NW	1	-	og. f	5	10	48	40	og. r	og. r. c	og. q	0.0	
	Spurn Head ...	996.5	45	SW	5	c	1003.6	+3	43	0	NW	1	-	og. f	5	10	48	40	og. r	og. r. c	og. q	0.0	
	Yarmouth ...	997.6	50	S	8	r	1004.2	+3	45	+4	S	3	-	og. m. p	4	20	50	43	og. m. r	og. m. r	og. m. p	0.0	
	Clacton-on-Sea ...	999.5	51	SSE	4	c	1004.9	+4	47	+1	WSW	1	-	m	1	5	51	41	og. p	og. c	bc. com	0.0	
	Nottingham ...	997.4	45	SE	1	b	1004.5	+	35	-8	WSW	1	-	f	4	7	50	35	og. r. c	og. r. c	bc. m	0.3	
	Bath ...	998.8	48	W	1	c	1005.2	+	32	-19	E	1	-	f	1	1	58	31	og. bc. c	og. bc. c	bc. m	3.0	
St. Farnborough ...	998.9	44	0	0	bc	1005.1	+3	31	-16	0	0	-	fx	6	56	30	30	og. bc. c	og. bc. c	bc. bc. f	1.0		
London (Kew Obs.) ...	999.3	+5	0	0	m	1005.4	+4	37	-9	0	0	-	fx	3	55	37	37	og. m. r. c	og. m. r. c	og. m. p	1.0		
FRANCE, & C.	Spitsbergen ...	1018.3	7	0	0	b	1015.7	-2	12	+2	NE	4	0	0	0	16	5	GALES.					
	Vardö ...	1009.5	28	N	6	c	1008.0	0	28	-6	N	6	0	0	4	0	34	23	Duration and Extreme Force				
	Bodö ...	1019.7	30	SE	2	bc	1019.1	0	41	+14	NW	4	0	C	2	4	32	27	in British Islands.				
	Christiansund ...	1020.0	30	SE	1	b	1022.9	+2	28	0	SE	1	0	b	1	0	34	27					
	Skudesnaes ...	1017.3	34	SE	4	b	1021.0	0	34	+2	ESE	4	0	b	2	0	36	32					
	Færder (X'lantia Fjord) ...	1020.7	32	NE	2	b	1023.7	+3	28	+1	N	1	0	b	1	0	32	27					
	The Scaw (Skagen) ...	1018.4	34	E	3	bc	1022.9	+2	36	+2	NE	1	NE	C	1	0	39	32					
	Blaavands Huk ...	1015.3	28	ESE	2	b	1019.0	+3	30	+11	ESE	3	0	b	5	0	37	19					
	Haparanda ...	1010.6	32	W	2	0	1014.3	+2	27	+5	E	2	0	S	0	0	32	12					
	Hernösand ...	1018.7	25	NE	2	b	1021.3	+2	23	+4	0	0	0	b	0	0	27	19					
SOUTHERN EUROPE.	Stockholm ...	1016.0	27	N	2	bc	1020.8	+3	19	-11	W	2	0	0	0	0	32	16					
	Wisby ...	1014.0	32	NE	2	S	1021.7	+6	32	0	NNW	4	0	b	4	3	37	30					
	Karlstad ...	1019.7	25	0	0	b	1023.5	+5	14	-11	NNE	2	0	b	0	0	32	10					
	Petrograd (5 a.m. G.M.T.)																						
	The Helder ...	1006.7	39	E	4	r	1009.6	+4	41	+4	ESE	4	0	r	2	5	41	37					
	C. Gris Nez ...	1000.8	44	S	6	0	1000.8	+4	45	-1	SSE	3	0	r	3	11	52	45					
	La Hève ...	1001.5	46	SSW	5	0	1006.0	+	45	0	S	3	0	bc	3	4	48	43					
	Ushant ...																						
	Brest (St. Mathieu) ...	1005.3	54	WNW	5	c	1005.6	0	50	-4	W	3	0	0	4	2	57	48					
	Rochefort (Ile d'Aix) ...	1006.1	50	WSW	3	r	1008.2	+2	44	-2	NE	1	0	0	1	6	52	45					
Biarritz ...	1009.1	54	SW	2	0	1009.1	0	51	+5	WSW	4	0	r	4	14	59	50						
Paris ...	1006.1	41	S	3	r	1008.2	+4	43	+2	S	1	0	0	0	4	50	47						
Belfort ...	1010.3	41	0	0	0	1011.8	+	39	+10	E	3	0	0	0	0	46	36						
Lyons ...	1009.9	45	E	1	0	1010.3	+	42	+8	SW	1	0	0	0	0	49	41						
Nice ...	1006.1	53	0	0	0	1008.3	+3	49	0	E	2	0	C	2	0	63	46						
Perpignan ...	1009.0	50	0	0	0	1009.0	0	48	+7	0	0	0	0	0	0	59	46						
Sanguinaire ...	*	60	S	1	c	*	+	59	-	E	2	0	0	0	3	0	66	54					
SOUTHERN EUROPE.	Corunna (7 a.m.) ...	1013.9	57	SW	3	0	1015.1	+1	52	-2	SW	5	0	0	5	15	61	48					
	Madrid (8 a.m.) ...	1014.1	48	W	2	0	1017.0	+5	45	-	W	6	0	b	0	Trace	48	41					
	Lisbon (9 a.m.) ...																						
	Gibraltar ...	1019.3	62	W	5	b	1018.9	+	56	+2	SSW	6	0	b	3	1	68	53					
	Rome ...																						
Malta (8 a.m.) ...	*	*	*	*	*	1013.1	+1	68	-9	WSW	1	0	0	0	0	79	66						
SOUTHERN EUROPE.	Azores (Horta 8 a.m.) ...	1029.6	*	NE	5	bc																	
	Madeira (Funchal) ...	1022.3	68	N	3	b	1023.7	0	63	+4	?	?	bc	?	0	70	61						

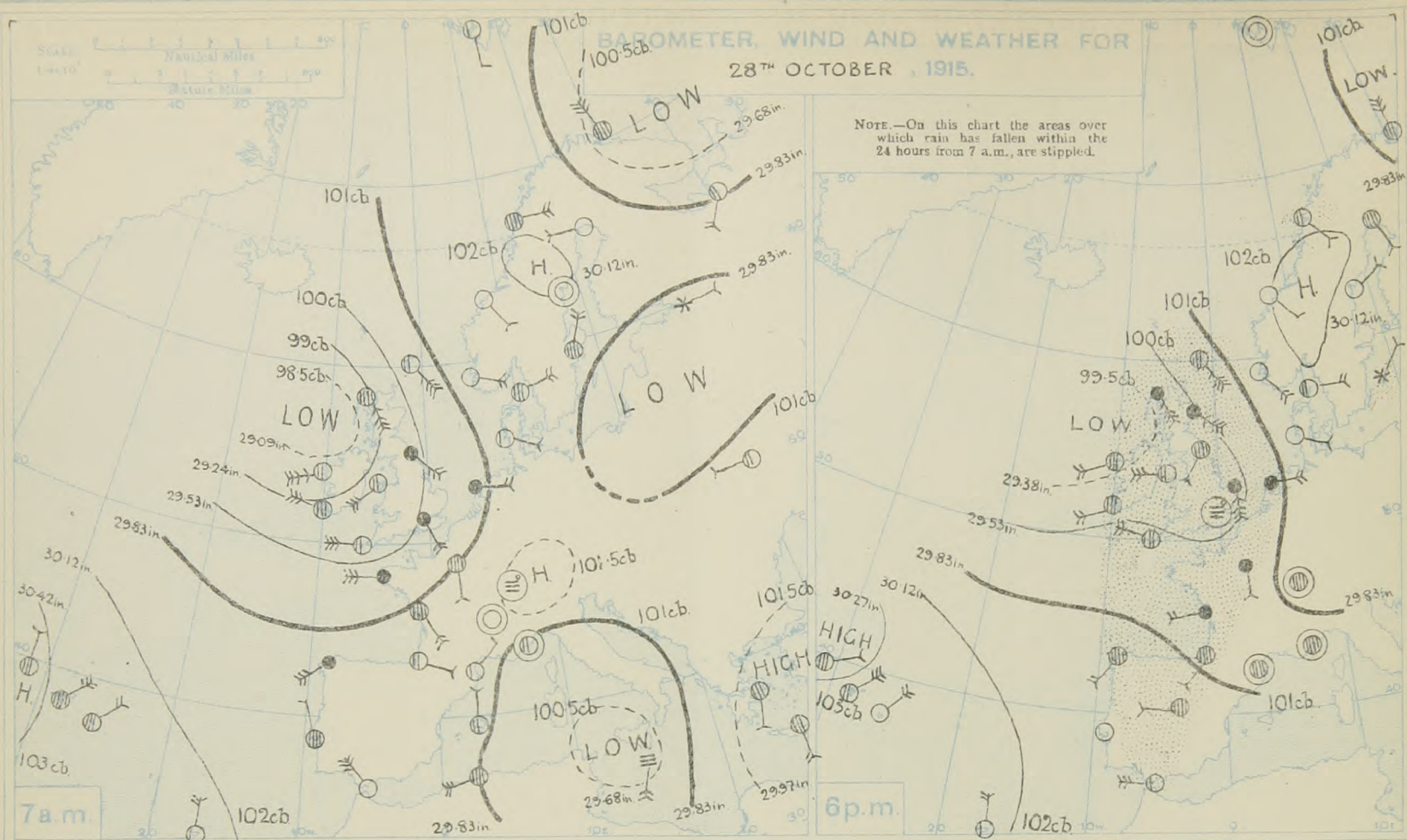
South Farnborough 7 a.m.

Pilot Balloon Ascent

Wind at 1000 metres SW 1 mile per hour

500 " WNW 1 " " "

\* Information for these columns not usually received.



**FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday,	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

**No Warnings Issued**

Western Channel and Bay 11

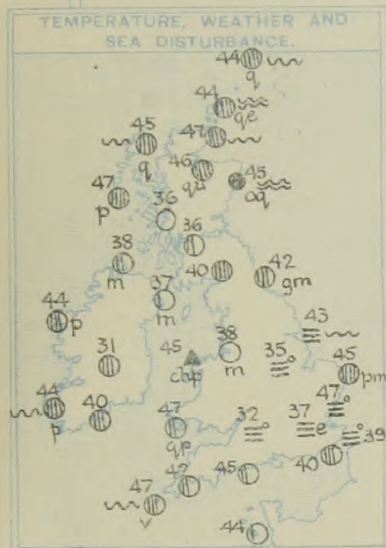
- |    |   |   |
|----|---|---|
| 0  | a | Strong squally South-Easterly wind, moderating gradually; dull, some rain, improving later; moderate temperature.                   |
| 1  | b |   |
| 2  | a | Light variable breezes, mainly between South and West; mostly fair but some showers, morning fog; moderate temperature, cold night. |
| 3  | b |   |
| 4  | a | Light breezes, mainly between West and South; fair intervals, some showers; moderate temperature.                                   |
| 5  | b |   |
| 6  | a | Moderate Westerly or South-Westerly winds; moderate sea; mostly fair.   |
| 7  | b |   |
| 8  | a |   |
| 9  | b |   |
| 10 | a |   |
| 11 | b |   |

**FURTHER OUTLOOK.**

# SYNOPTIC CHART FOR 7 a.m., FRIDAY, 29<sup>TH</sup> OCTOBER, 1915.

## GENERAL INFERENCE.

The depression off the Hebrides will continue to fill up and the gradient over the North Sea will become less steep. Little change is anticipated elsewhere.



## EXPLANATION.

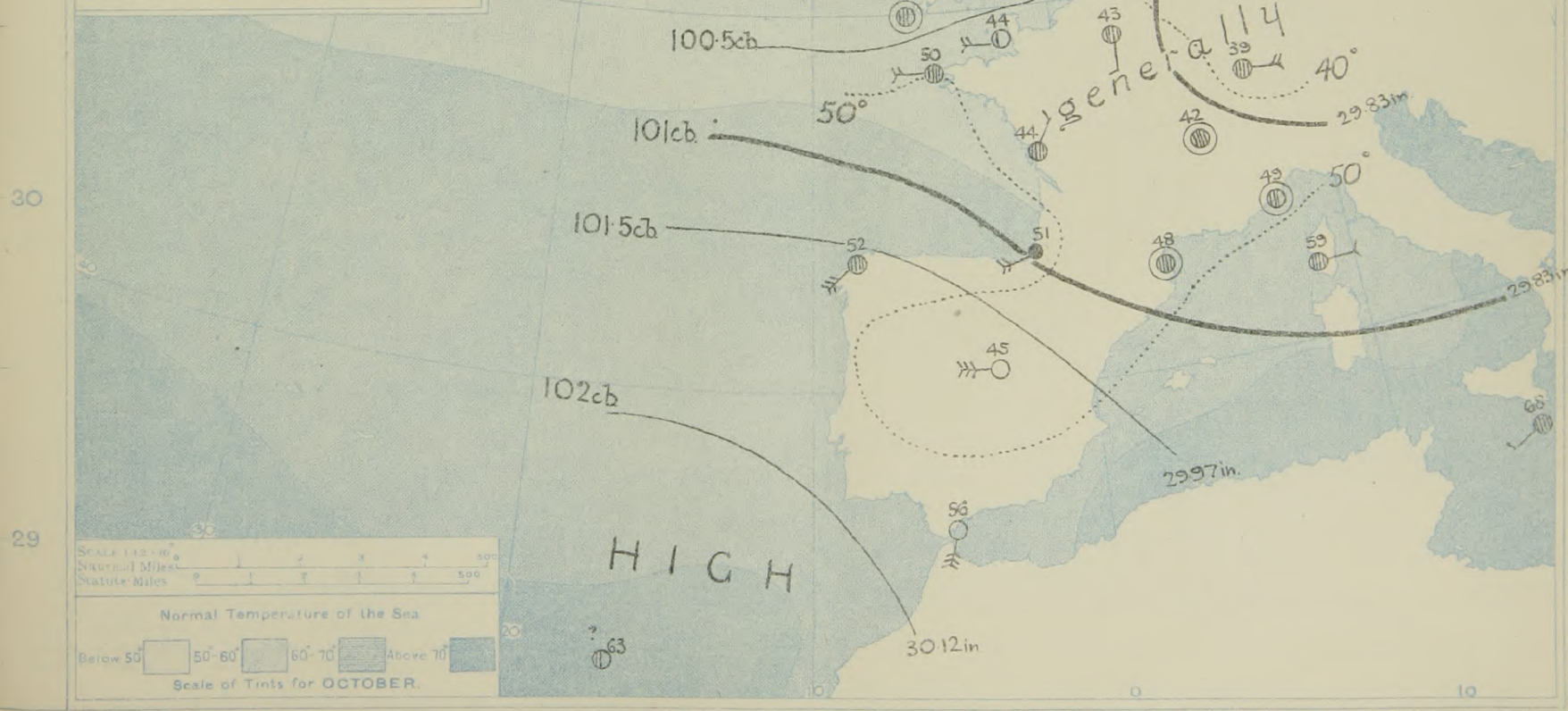
**BAROMETER.**—Isobars are drawn for intervals of five millibars.

**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



## DAILY WEATHER REPORT.

Friday, 29th October, 1915.

REPORTS  
FOR  
YESTERDAY.

28th October, 1915.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
		° F.	° F.						° F.	° F.			
Scotland.	mm. §	° F.	° F.			Hr.	Tunbridge Wells ...	mm. §	° F.	° F.			Hr.
Oban ...	5	45	40	bc	ro	0.3	Margate ...	11	50	41	or	c. bc	0.4
Banff ...	10	44	39	rg	rg	0.0	Ramsgate ...	9	53	39	r	r	0.0
Carnoustie ...							Hastings ...	12	52	41	or	or. c	0.0
St. Andrews ...							Bexhill-on-Sea ...						
England, N.E.							Eastbourne ...	17	53	42	or	o	0.0
Harrogate ...	13	44	38	ro	or	0.0	Seaford ...	12	55	43	or	or	0.4
Skegness ...	17	49	39	ugr	g. bc. oc	0.2	Brighton ...	15	55	41	or	op. c	1.0
England, N.W.							Worthing ...	13	54	41	re	c. bc	0.8
Morecambe ...	8	47	35	bc. o	tr. c	1.2	Littlehampton ...	13	55	42	or	o. bc	1.9
Blackpool ...	11	54	42	cg. o	c. or	2.3	Bognor ...	5	55	44	ro. c	cp. b	2.1
Southport ...	11	53	42	c. or	c. or	2.0	Southsea ...	16	57	43	or	bc	3.1
Midlands.							Bournemouth ...	8	57	42	ro	b. bc	4.1
Buxton ...	22	49	38	or	o. c	1.5	Weymouth ...	13	58	47	cd. bc	bc. d. c	3.5
Leamington Spa ...	16	54	41	ro. bc	pc	2.1	Torquay ...	13	56	44	b. bc	bc. c	4.9
Malvern ...	8	55	42	bp	p. bc	3.7	Paignton ...	15	58	41	b	op	4.7
Ross-on-Wye ...	9	56	43	bc	cp	3.2	Falmouth ...	22	54	44	c. bc. p	bc. p	6.3
Wales.							Penzance ...	19	53	48	bc	bc	5.0
Rhyl ...	6	53	37	c	p. c. bc	2.1	Newquay ...	15	54	46	bc	bc	4.2
Colwyn Bay ...	7	52	44	r. bc	bc	2.4	Ilfracombe ...	21	55	44	cp. bc	cp. c	1.4
Llandudno ...							Weston-super-Mare ...	15	56	42	b. p. bc	b. p. bc	2.7
Aberystwyth ...	12	53	?	ro. c	c. bc	2.2							
Tenby ...	24	54	47	bc. o	bc	5.5							
England, E.													
Cromer ...	17	48	38	or	or. od	0.0							
Lowestoft ...	20	50	39	or	or	0.0							
Felixstowe ...	13	51	41	or	c	0.0							
Walton-on-Naze ...													
Southend-on-Sea ...	8	51	41	or	c. bc. c	0.7							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 74	% 99	Hr. 1.2	° F. 55	° F. 33	° F. 30	mm. § 6	o. or	o. or	o. c. of
City (Bunhill Row) ...	% 7	% 100	0.4	% 55	% 38	% 35	% 5	% 2. bc	% bc. d. or	% ome
Westminster (St. James's Pk.)	81	100	0.5	56	40	36	2	or. o	c. bc	*
Camden Sq. (Brit. Rainfall)	78	100	0.6	54	36	22	4	cop. bc	o. or	of x
Hampstead (Reservoir) ...	% 7	% 99	1.1							
Richmond Park ...	% 7	% 100								
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	80	94	0.4	267 Joules		7.5 Milli-watts.		31 Milli-watts.		

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

29th 30th Oct 1915.	Sunrise.	Noon.	Sunset.
Yarmouth ...	6.44	11.37	4.30
Greenwich ...	6.49	11.44	4.39
Wick ...	7.22	11.56	4.30
Valencia ...	7.25	12.25	5.14

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.		Night.	Fore- noon.	After- noon.	
		° F.	° F.	° F.				
Dublin to 4 p.m.	5	51	45	40	r. bc	bc	bc	
Darwen to 9 p.m.	25	48	39	37	or	or. u	our	
Manchester "								
Birmingham "	04	55	41	33		c	er	3.2
Oxford to 8 p.m.								
Teignmouth to 9 "								
Plymouth "								
S. Kensington (Museum Grounds to 6 p.m.)	9	56	43	40	o. or	o. c	o. d. r. o	

## NOTES ON YESTERDAY'S WEATHER.

South-Easterly gales were experienced over the North Sea. Rainfall was general, heavy in the East of England, Dover 33 millimetres. The weather improved in the west during the day, 5.5 hours of bright sunshine were recorded at Tenby and St. Ann's Head.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

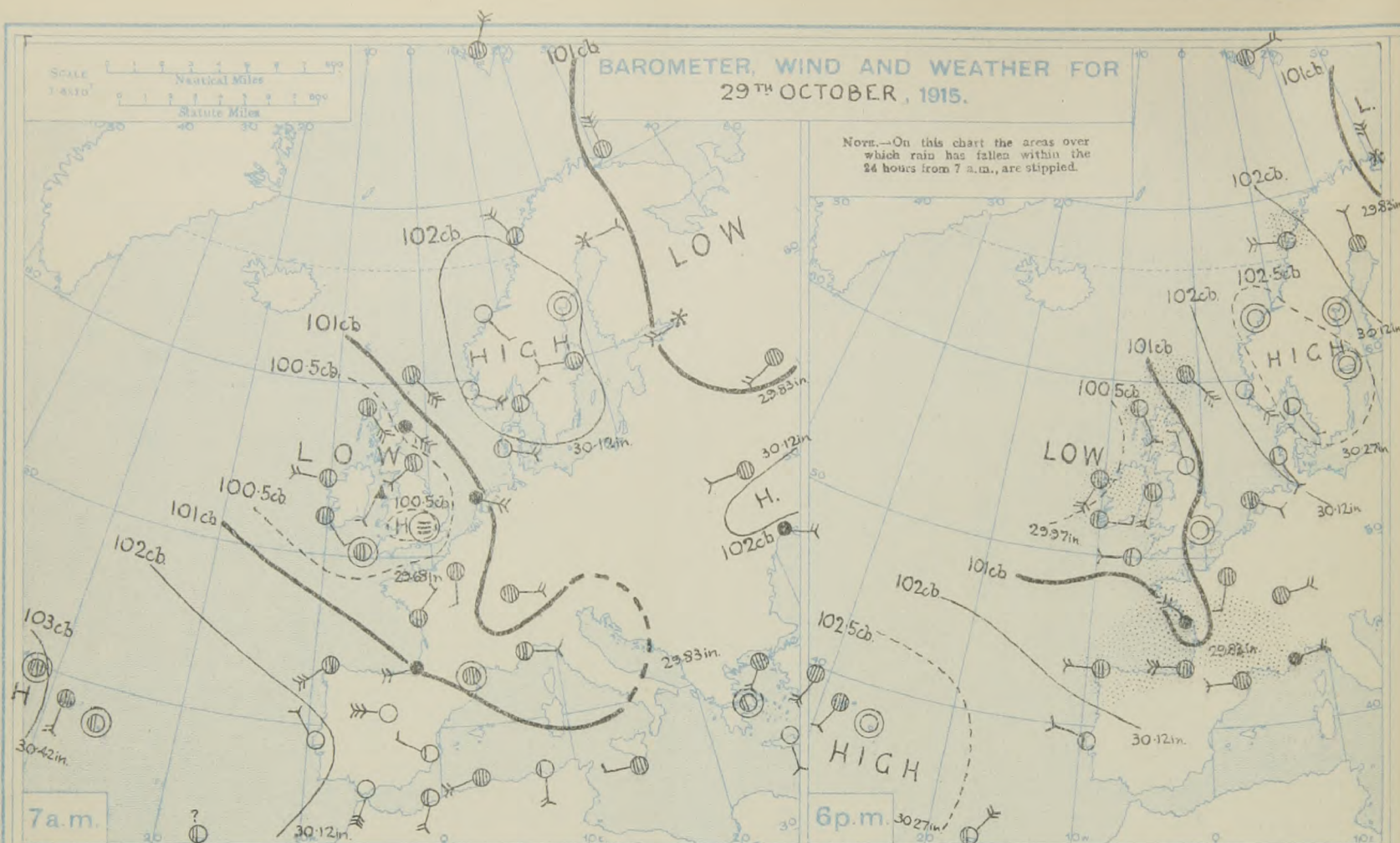
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE. No. 303. Saturday, 30th October, 1915.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.	
	Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
			Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	1016.4	45	SE	6	og	1013.9	-1	45	+1	SE	7	-	omgr	6	2	46	41	og	og	omgr	Hours.
	Deerness ...	1011.2	45	ESE	7	ogr	1009.8	-	46	+2	S	5	E	bc	5	3	46	44	og	ogr	or.c.bc	0.0
	Stornoway ...	1006.5	45	SSE	2	bc	1006.2	-1	48	+3	SSE	6	-	bcg	5	2	51	40	of.bc	bc	b.bcg	5.1
	Castlebay (Barra Isd.)	1005.0	49	SE	4	bc	1005.2	0	50	+3	SSE	5	SE	cp	5	3	52	46	oh.p.bc	bc	bc.ocp	5.7
	Glasgow ...	1008.5	40	SE	1	b	1010.9	+1	35	-1	E	2	S	c	-	0.2	46	33	fe.bcz	bcz.b	b.fcox	2.0
	Esksdalemuir ...	1009.3	36	-	0	b	1012.8	+1	32	-8	N	1	S	bcx	-	0.2	48	28	om.bc.oz	bcz.b	bx.bcx	2.8
	Malin Head ...	1005.5	44	SW	2	bcu	1006.0	0	42	+4	SSE	4	SW	bc	4	-	50	38	bc	bcu	bcu	6.8
	Blacksod Point ...	1004.5	48	SSW	4	cp	1003.5	-3	49	+5	S	5	S	bc	4	2	53	42	cp	cp	bcp.cp	-
	Valencia ...	1007.3	43	E	1	bc	1005.4	-3	49	+5	SE	3	S	o	4	7	51	38	cp	cp	b.c.c.o	1.4
	Roche's Point	1006.2	47	NW	1	bc	1009.4	-	40	0	W	1	SW	cf	2	0.3	53	36	bc.c	cp.bc	b.bc.cf	-
	Birr Castle ...	1006.7	44	SW	1	c	1007.8	-	36	+5	S	2	-	c	-	-	50	31	c	c	x.c	3.4
	Donaghadee ...	1006.9	46	SE	3	cp	1009.0	+1	39	+2	WSW	3	-	bcu	2	0.3	52	37	bcu	bc	bcu	-
	Liverpool (Bidston)	1008.7	46	SE	2	c	1011.4	0	37	-1	SSE	3	-	b	2	-	50	36	f.bm	bm	b	5.0
	Holyhead ...	1007.3	48	SSW	3	c	1009.8	0	46	+1	SSE	3	S	bcpv	2	11	52	44	ph.cp.c	bc.bc.c	b.b.c	1.5
	Pembroke (St. Ann's)	1008.2	49	SW	1	bcv	1010.6	0	50	+3	SSW	2	SW	bc	2	4	54	42	bc	bcv	bcp	5.5
	Scilly (St. Mary's)	1008.3	49	W	2	bcv	1010.5	+1	48	+1	W	1	W	bcv	4	-	54	44	bc.b	b.bcv	bcv	6.4
	Falmouth ...	1009.4	45	NW	1	b	1011.6	0	40	-2	W	1	-	b	3	1	55	39	bcg	bc.b	b	5.7
	Jersey (St. Aubin)	1009.0	47	SW	3	c	1013.0	-	47	+3	S	3	S	c	2	2	56	39	bcp.b	bc	bc.c	6.1
	Portland Bill ...	1008.2	52	WSW	2	bc	1011.4	+1	51	+6	SE	3	SE	bcv	3	-	56	45	bc	bc	bc.c	-
	Dungeness ...	1010.2	50	SW	1	b	1012.4	+1	50	+10	SSE	3	S	bc	3	-	55	37	C.bc	bc.b	bc	-
	Dover ...	1011.4	46	-	0	b	1013.8	+1	46	+7	SW	2	SW	cp	2	-	52	41	m.bc.c	bc.cbc	bc.c.or	1.9
Wick ...	1009.6	47	SSE	7	r	1009.5	0	42	-5	S	3	-	bc	5	2	49	42	omgr	omgr	omr.bc	-	
Nairn ...	1007.5	45	-	0	og	1010.1	-	33	-13	-	0	-	bc	1	1	49	32	p.og	bc	c.bcx	0.0	
Aberdeen ...	1009.4	48	SE	6	r	1011.3	+1	34	-11	W	1	-	fe	5	11	48	33	og	og	og.bf	0.0	
Leith ...	1007.9	44	SE	1	m	1011.7	+2	37	-	SE	1	SE	c	-	-	48	35	c.bc	b	m	-	
Tynemouth ...	1008.4	46	NNW	1	bm	1011.1	+1	34	-8	WSW	2	-	f	4	-	49	34	cm	bm	f	-	
Spurn Head ...	1009.5	46	ESE	1	f	1012.3	+4	43	0	-	0	-	cf	5	0.3	46	39	f	f	cm.cf	0.0	
Yarmouth ...	1009.8	50	SSE	3	bc	1014.4	+2	38	-7	NW	2	NW	bef	4	-	51	40	oud.cm	cm.bc	cm.bcm	0.0	
Clacton-on-Sea	1010.3	50	S	2	bc	1013.2	+1	34	-13	NW	2	-	bc	1	-	53	32	om.cbc	bc	bcu	6.3	
Nottingham ...	1009.7	41	SW	1	bm	1013.2	-	31	-4	-	0	-	fe	-	4.2	53	30	fe.m	bm	bm	3.5	
Bath ...	1009.2	44	S	1	b	1012.8	-	30	-2	E	2	-	m	-	-	56	29	m.b	b.bcm	bm	6.9	
Stb Farnborough	1010.3	42	-	0	b	1013.1	+1	30	-1	-	0	-	fx	-	1	53	27	f.b.c	bc.b	bf	3.5	
London (Kew Obsy.)	1010.6	44	-	0	bm	1014.0	+2	37	0	-	0	-	fe	-	Trace	52	34	fe.bm	bm.bcm	bm.fufe	4.6	
NORTHERN EUROPE.	Spitsbergen ...	1015.9	10	E	3	c	1016.4	0	5	-7	-	0	-	bc	-	-	12	5	-	-	-	-
	Vardö ...	1008.8	27	N	5	S	1008.2	0	25	-3	NNE	5	-	o	4	-	28	23	-	-	-	-
	Bodö ...	1020.7	41	W	4	bc	1019.5	-1	39	-2	WSW	5	-	c	3	2	41	34	-	-	-	-
	Christiansund	1025.5	34	-	0	b	1024.2	0	32	+4	E	3	-	b	1	-	37	28	-	-	-	-
	Skudesnaes	1023.1	37	SE	4	b	1022.6	-2	39	+5	ESE	6	-	c	5	-	39	32	-	-	-	-
	Færder (K'lania Fjord)	1026.9	30	-	0	b	1026.9	+1	30	+2	NE	1	S	f	1	-	30	28	-	-	-	-
	The Scaw (Skagen)	1026.1	34	SE	1	b	1026.1	0	37	+1	ESE	1	-	b	1	-	37	34	-	-	-	-
	Blaavands Huk	1021.9	30	SSE	2	b	1021.3	0	32	+2	ESE	3	-	o	5	-	43	28	-	-	-	-
	Haparanda ...	1016.0	28	N	2	o	1014.6	-2	28	+1	W	2	W	b	-	Trace	36	23	-	-	-	-
	Hernösand ...	1022.6	28	-	0	b	1023.4	0	25	+2	W	2	-	b	-	-	36	19	-	-	-	-
FRANCE, &c.	Stockholm ...	1026.0	28	-	0	b	1028.0	+1	23	+4	SSW	2	-	b	-	-	32	19	-	-	-	-
	Wisby ...	1027.5	28	NNW	2	b	1029.7	+3	28	-4	SSE	2	-	b	-	-	34	25	-	-	-	-
	Karlstad ...	1026.9	21	-	0	b	1028.7	+3	10	-4	-	0	-	o	-	-	28	9	-	-	-	-
	Petrograd (5 a.m. G.M.T.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	The Helder ...	1014.0	41	ESE	2	o	1015.5	0	37	-4	ESE	1	-	o	2	6	43	37	-	-	-	-
	C. Gris Nez ...	1010.6	46	S	2	bc	1013.0	+1	43	-2	S	3	-	bc	2	5	50	41	-	-	-	-
	La Hève ...	1010.7	34	ESE	2	m	1014.1	-	41	-4	SSE	1	-	o	1	-	55	39	-	-	-	-
	Ushant ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Brest (St. Mathieu)	1011.1	52	N	2	bc	1012.8	+1	49	-1	ESE	2	-	bc	3	2	61	48	-	-	-	-
	Rochefort (Ile d'Aix)	1009.0	49	NW	4	r	1014.0	+3	42	-2	SE	2	-	m	-	3	55	41	-	-	-	-
SOUTHERN EUROPE.	Biarritz ...	1011.3	52	W	5	o	1014.4	0	50	-1	SW	5	-	o	5	21	54	46	-	-	-	-
	Paris ...	1012.4	45	-	0	o	1014.0	+1	43	0	-	0	-	o	-	-	48	43	-	-	-	-
	Belfort ...	1012.6	43	E	3	o	1014.6	-	36	-3	E	3	-	m	-	-	46	35	-	-	-	-
	Lyons ...	1011.7	46	N	1	o	1013.5	-	42	0	NNE	1	-	r	-	3	52	42	-	-	-	-
	Nice ...	1009.3	47	E	4	r	1009.0	+1	42	-7	-	0	-	r	3	33	54	41	-	-	-	-
	Perpignan ...	1011.4	50	W	2	o	1013.5	+1	50	+2	NW	4	-	c	-	Trace	55	46	-	-	-	-
	Sanguinaire ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Corunna (7 a.m.)	1017.1	54	W	3	c	1019.3	0	55	+3	SW	3	-	o	7	10	59	50	-	-	-	-
	Madrid (8 a.m.)	1016.0	50	W	2	b	1022.6	+2	45	0	SSW	1	NW	c	-	-	55	43	-	-	-	-
	Lisbon (9 a.m.)	1022.3	59	WNW	2	c	1024.7	+2	55	-	W	2	-	o	6	-	61	55	-	-	-	-
Gibraltar ...	1023.0	58	NW	5	b	1024.4	-	55	-1	W	4	-	b	2	-	64	53	-	-	-	-	
Rome ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Malta (8 a.m.)	-	-	-	-	-	1017.1	+3	63	-5	WNW	2	-	bc	1	9	70	59	-	-	-	-	
Azores (Horta, 8 a.m.)	1028.3	-	SSW	2	o	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Madeira (Funchal)	1024.2	68	NE	4	bc	1026.3	+1	64	+1	NE	3	-	o	3	7	72	63	-	-	-	-	

**GALES.**  
Duration and Extreme Force  
in British Islands.

Wick.  
7h. - 16h. SSE 8.

Aberdeen.  
7h. - 9h. SE 8.  
Gust 24 metres per sec.



#### FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

FORECAST DISTRICTS.		
	0	Fresh or strong winds, between South-East and South-West; fair at first, some rain later; moderate temperature.
	1	Variable airs, finally freshening from South or South-West; mostly fair, some fog; moderate temperature.
	2	
	3	Calms or light variable breezes, finally Southerly;
	4	fair, morning mist or fog; cold at night.
	5	
	6	Wind freshening from between South-East and South-West;
	7	fair at first, some rain probable later; moderate temperature.
	8	Light to moderate breezes, between South-East and South-West; fair generally; moderate temperature.
	9	
	10	Same as Nos. 6 and 7.
	11	Moderate or light winds between South-East and South-West; sea rather rough; mostly fair.

#### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.

South Coast.

North Coast.

Signals hoisted this morning.

South Coast.

North Coast.

No Warnings Issued.

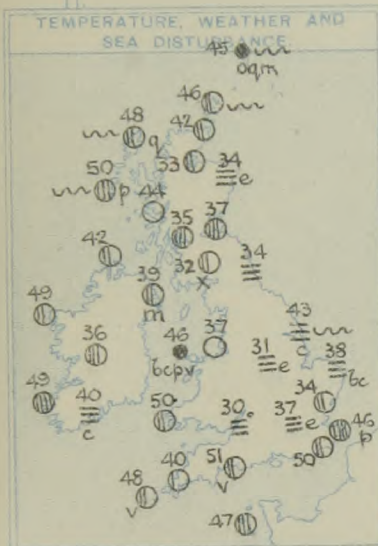
Western Channel and Bay 11

#### FURTHER OUTLOOK.

# SYNOPTIC CHART FOR 7 a.m., SATURDAY, 30<sup>TH</sup> OCTOBER, 1915.

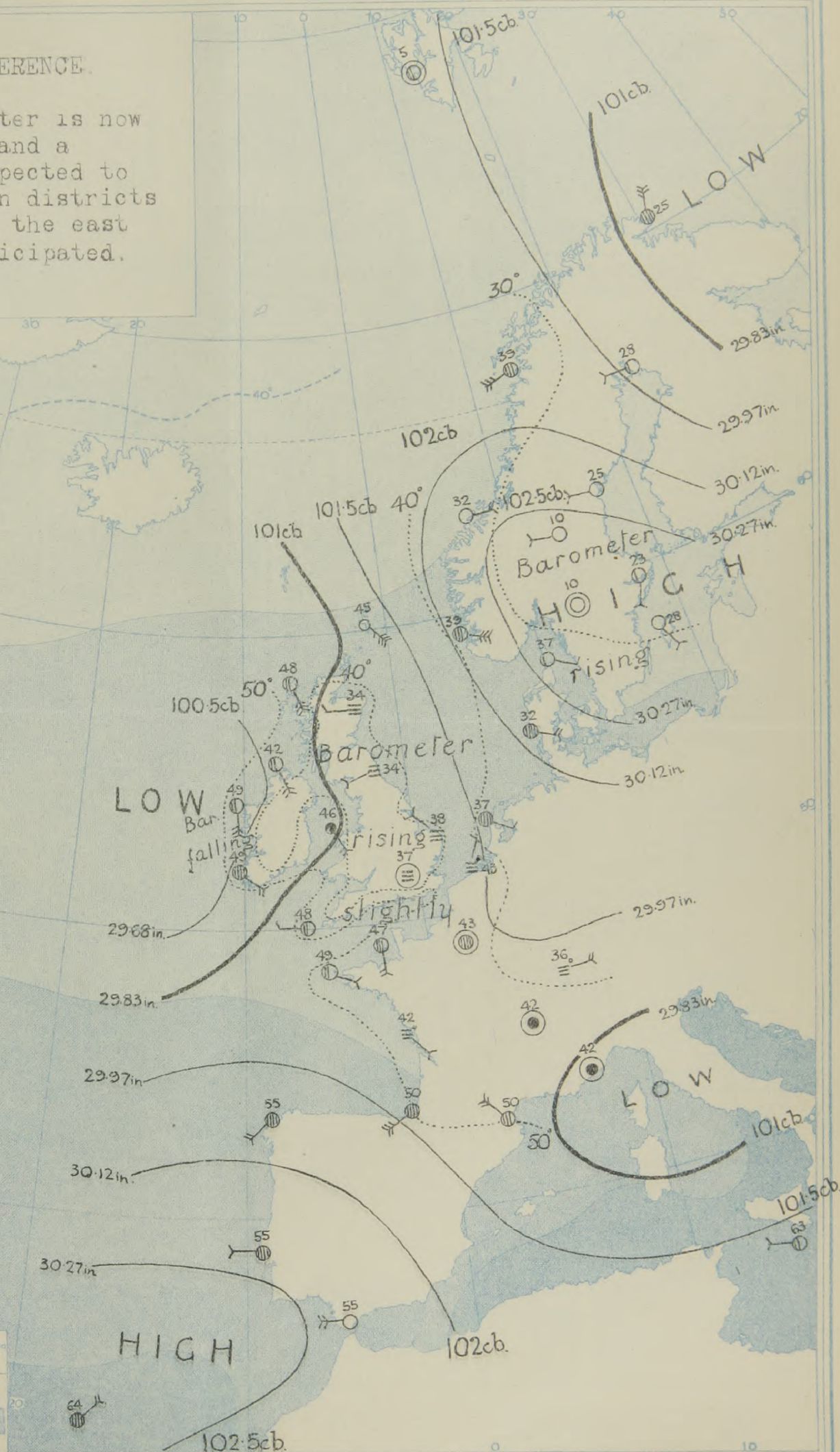
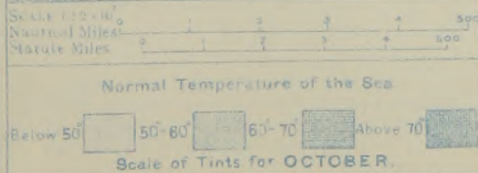
## GENERAL INFERENCE.

The barometer is now falling in the west and a depression may be expected to influence our western districts during the day. In the east little change is anticipated.



## 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 ½ clouded. ○ sky ¾ clouded.  
 ○ sky ¾ clouded. ○ overcast sky. ○ rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
**SEA DISTURBANCE.**—Rough wavy. High wavy.



## DAILY WEATHER REPORT.

Saturday, 30th October, 1915.

REPORTS  FOR  YESTERDAY.	STATIONS.	EVENING OBSERVATIONS.					OBSERVATIONS AT 7 A.M., G.M.T.											
		Barom. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.	
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.
* F.					* F.	* F.												
Petrograd	1008.2	28	NNW	2	S	1008.6	0	27	-3	NW	3	-	S	*	1	32	18	
Lisbon	1017.3	59	NNW	3	b	1021.0	+1	54	0	NW	2	N	b	5	2	59	52	
Azores (Horta)						1029.7	0	61	-3	S	3	*	0	2	-	66	57	
29th October, 1915.																		

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.		
	mm.‡	° F.	° F.			Hr.		mm.‡	° F.	° F.			Hr.	
Scotland.	{ Oban ... ..	13	53	35	b	b.	4.9	{ Tunbridge Wells ... ..	—	56	35	bcm.bm	bc.b.bm	6.1
	{ Banff ... ..	21	47	41	ry	ry	0.0	{ Margate ... ..	6	43	41	f	bc	1.1
	{ Carnoustie ... ..							{ Ramsgate ... ..	14	53	40	f.b.c	bc	1.7
	{ St. Andrews ... ..	10	51	36	*	*	1.9	{ Hastings ... ..	4	55	41	or.b.c.b	b	5.0
Eng. N.E.	{ Harrogate ... ..	1	49	36	b.b.c	bc.o	6.2	{ Bexhill-on-Sea ... ..						
	{ Skegness ... ..	0.1	52	39	m.b.c	bc.b.b.c	4.4	{ Eastbourne ... ..	1	56	38	om.b	bc.bm	4.5
								{ Seaford ... ..	0.3	54	37	b	c	4.1
								{ Brighton ... ..	0.1	55	38	bcm.bc	bc.or	5.8
Eng. N.W.	{ Morecambe ... ..	—	48	36	bc.b	b.b.c.o	5.1	{ Worthing ... ..	—	57	36	b	bc	6.5
	{ Blackpool ... ..	5	54	37	of.c.bc	bc.bm	4.7	{ Littlehampton ... ..	—	55	39	b	b	7.3
	{ Southport ... ..	2	52	35	of.c.bc	b.b.c.b	5.3	{ Bognor ... ..	0.1	57	36	b	b	7.5
								{ Southsea ... ..	—	54	36	b.o	bc	5.3
Midlands.	{ Buxton ... ..	2	51	30	m.c.b	bc	5.3	{ Bournemouth ... ..	—	54	33	b	b.	5.0
	{ Leamington Spa ... ..	1	54	33	f.c.b.c	bc.b.	4.8							
	{ Malvern ... ..	—	52	36	bc	bc	8.1							
	{ Ross-on-Wye ... ..	—	55	28	bx	bc.bm	5.6							
Wales.	{ Rhyl ... ..	—	56	33	bc	bc	7.5	{ Weymouth ... ..	—	59	36	z.bc	bc.z	4.7
	{ Colwyn Bay ... ..	—	53	32	bc	bc	6.8	{ Torquay ... ..						
	{ Llandudno ... ..							{ Paignton ... ..						
	{ Aberystwyth ... ..	1	53	37	rc	bc.o	6.0	{ Falmouth ... ..	3	55	41	bcq	bc.b	5.7
	{ Tenby ... ..	7	54	41	bc.c.o	bc.op	5.5	{ Penzance ... ..	1	56	42	bc	bc.b	6.0
England. E.	{ Cromer ... ..	—	51	43	om.	om	0.0	{ Newquay ... ..	—	54	39	b	b	5.8
	{ Lowestoft ... ..	5	52	46	c	chp.	0.4	{ Ilfracombe ... ..	7	54	42	bc.b	cf.c	5.4
	{ Felixstowe ... ..	0.2	52	42	bcm	bcm	6.9	{ Weston-super-Mare ... ..	4	57	36	b	b.bc	7.5
	{ Walton-on-Naze ... ..													
	{ Southend-on-Sea ... ..	—	56	44	f.b.c.b.	bcm.	3.9							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
	%	%	Hr.	° F.	° F.	° F.	mm.†			
Greenwich (Royal Obs.) ...	81	99	4.4	54	32	27	-	f b	b.f	f
City (Bunhill Row) ...	*	*	0.2	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	81	100	3.0	54	37	36	-	f bc	f	fe
Camden Sq. (Brit. Rainfall)	80	100	3.1	54	35	35	-	f c	bc m	f *
Hampstead (Reservoir) ...	*	95	5.3	53	32	19	-	bc f	o f c	f
Richmond Park ...	*	*								
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	62	98	4.4	492 Joules		13.9 Milliwatts.		33 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	mm.‡	° F.	° F.	° F.				Hr.
Darwen to 9 p.m.								*
Manchester "				*				
Birmingham "					*			
Oxford to 8 p.m.	*							*
Teignmouth to 9 "								
Plymouth "								
S. Kensington (Museum Grounds to 6p.m.)	-	54	40	31	bm.0	ofc	bz.rm	*

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

30th 31st October, 1915.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.46	G.M.T. 11.37	G.M.T. 4.28
Greenwich ...	6.48	11.37	4.26
Wick ...	6.51	11.44	4.37
Valencia ...	6.53	11.44	4.36
	7.25	11.56	4.37
	7.38	12.05	4.34
	7.43	12.15	4.17
		12.25	4.15

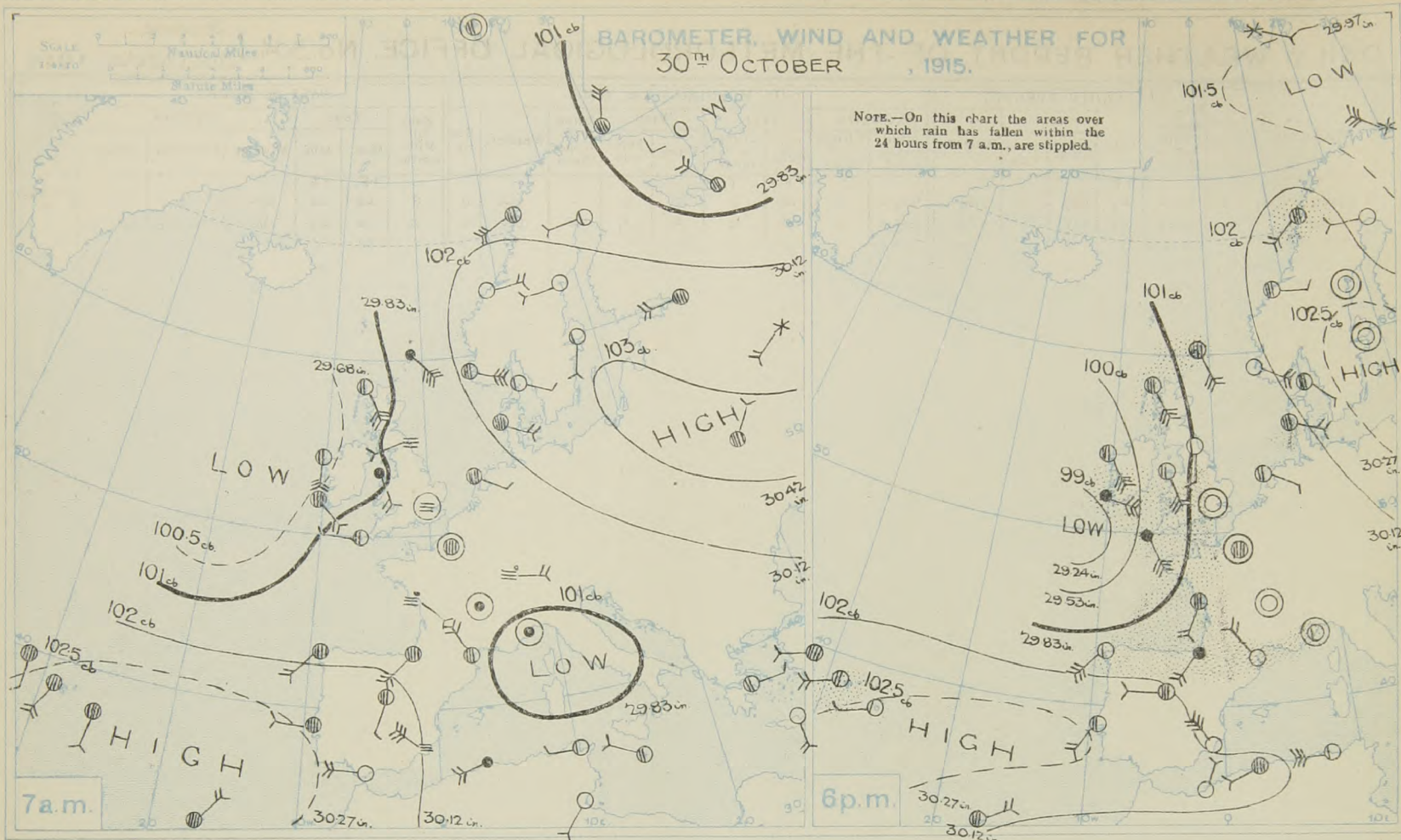
## NOTES ON YESTERDAY'S WEATHER.

Strong South-Easterly winds with very unsettled weather continued in the north-east of Scotland. Elsewhere the weather was mostly fair with some showers in the west.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility; w. unusual transparency; x. dew; y. hoar frost; z. dust-baze, or smoke.

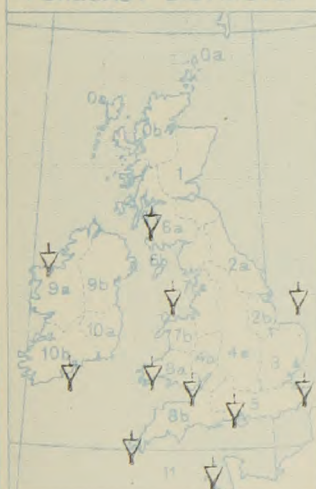
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\* The barometric change is expressed in half-millibars.



# FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

## FORECAST DISTRICTS.



## STORM WARNINGS.

The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

Cones hoisted at 2 p.m. in Districts 8 and 10 and at 7 p.m. in Districts 3, 5, 6, 7, 9, 11

Western Channel and Bay 11

Moderate or fresh South-Easterly winds; dull, some showers; moderate temperature.

Moderate or fresh South-Easterly to Easterly winds; dull, some showers; moderate temperature.

Strong squally South-Easterly winds; dull, some rain; moderate temperature.

Fresh or strong Easterly or North-Easterly winds; changeable, showery; rather cold.

Strong Easterly winds, backing towards North-East and moderating gradually; dull, considerable rainfall; rather cold.

Strong Southerly winds shifting to East or North-East; dull, considerable rainfall; colder.

Strong North-Easterly winds, moderating gradually; changeable, showery; rather cold.

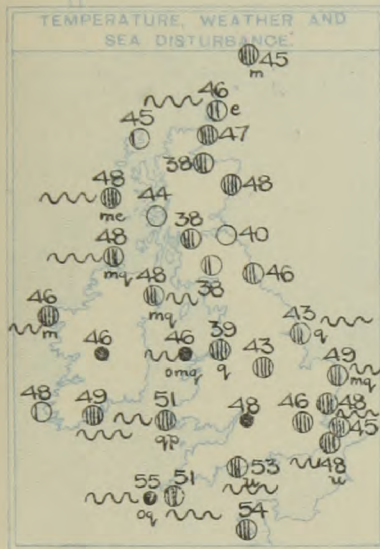
Moderate North-Easterly winds; changeable, some showers; colder.

Strong Westerly to North-Westerly winds; sea rough; unsettled.

## FURTHER OUTLOOK.

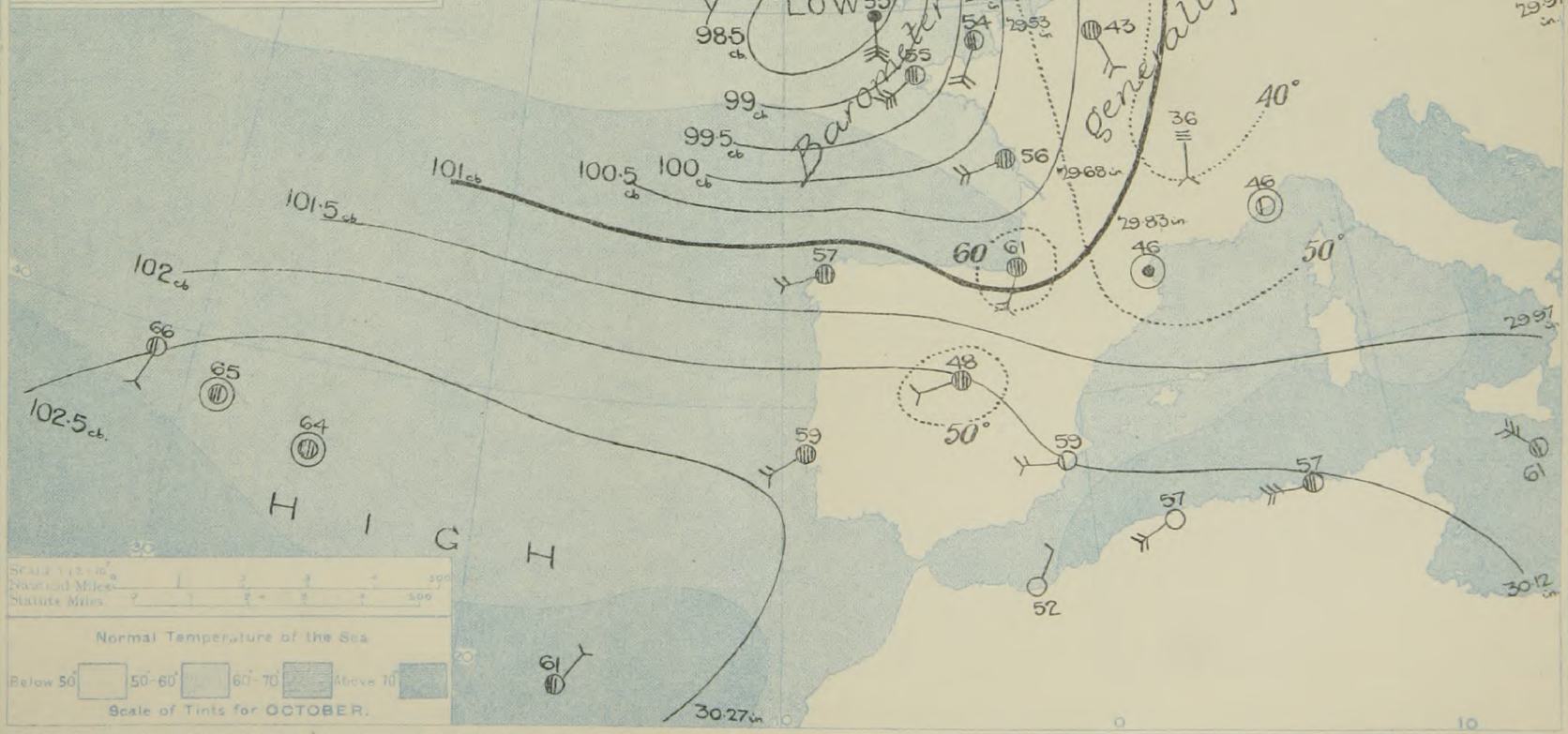
GENERAL INFERENCE.

The depression off the  
Scilly Islands will move slowly  
in an easterly direction.



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 ½ clouded. ○ sky ¾ clouded.  
○ sky ¾ clouded. ○ overcast sky. ● rain falling.  
✱ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
T, thunderstorm.  
**SEA DISTURBANCE.**—Rough ~~~. High ~~~.



## DAILY WEATHER REPORT.

Sunday, 31<sup>st</sup> October 1915.REPORTS  
FOR  
YESTERDAY.30<sup>th</sup> October

STATIONS.	EVENING OBSERVATIONS.				OBSERVATIONS AT 7 A.M., G.M.T.									
	Barom.	Temp.	Wind.	Weather.	Barometer.	Temp.	Wind.	Dir.	Force	Dir.	Force	Dir.	Force	Dir.
	Milli- bars at M.S.L.	° F.	Dir.	Force 0-12.	Milli- bars at M.S.L.	° F.	Dir.	Force 0-12.	Dir.	Force 0-12.	Dir.	Force 0-12.	Dir.	Force 0-12.
Petrograd ...	1020.0	27	NW	2	1022.0	44	SE	4	0	0	0	0	0	0
Horta ...					1025.5	63	SE	4	0	0	0	0	0	0

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, UP TO 6 p.m.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.		
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.			
	mm. & in.	° F.	° F.			Hr.		mm. & in.	° F.	° F.			Hr.		
Scotland.	Oban ... ..	-	51	40	b. bc	c	4.5	Tunbridge Wells ... ..	-	52	30	b. bc	c. bc. c	3.7	
	Banff ... ..	3	49	36	b	b	6.5		Margate ... ..	-	52	41	c	c. bc	1.3
	Carnoustie ... ..								Ramsgate ... ..	0.4	54	41	b. cr	bc	0.9
	St. Andrews ... ..				*	*			Hastings ... ..	8	50	43	cr	c. o	0.2
Eng. N.E.	Harrogate ... ..	-	37	26	f. m. o	o. m. f	0.0	Eastbourne ... ..	12	49	39	cr	o. bc. b	0.0	
	Skegness ... ..	0.2	44	32	om	om	0.0		Seaford ... ..	11	50	39	c	c	1.6
									Brighton ... ..	9	50	38	cm cr	o. c. o	0.0
									Worthing ... ..	4	51	36	c	c. bc	1.0
Eng. N.W.	Morecambe ... ..							Littlehampton ... ..	0.3	52	39	c	c. bc	2.5	
	Blackpool ... ..	-	52	36	b. c. b	b	7.0		Bognor ... ..	1	54	37	f. o	c. bc	3.4
	Southport ... ..	-	52	36	c. b	b	7.0		Southsea ... ..						
									Bournemouth ... ..	3	54	35	bc	bc	5.2
Midlands.	Buxton ... ..	-	43	26	f. c. b	c. b	5.0	Weymouth ... ..	1	55	40	bc. c	bc. c	2.8	
	Leamington Spa ... ..	-	54	28	f. bc	bc b	6.5		Torquay ... ..						
	Malvern ... ..								Paignton ... ..	2	55	30	bc p	bc	4.6
	Ross-on-Wye ... ..	1	52	29	f. c	bc p	3.3		Falmouth ... ..	0.3	55	39	bc	bc. opq	5.2
Wales.	Rhyl ... ..	-	55	33	b	b. bc	8.6	Penzance ... ..	-	55	38	bc	c. o	4.6	
	Colwyn Bay ... ..								Newquay ... ..	0.3	54	37	bc p	c. p	5.4
	Llandudno ... ..								Ilfracombe ... ..	0.2	54	40	b	b. bc. p. c	5.8
	Aberystwyth ... ..	-	54	40	c. b	c. o	8.0		Weston-super-Mare ... ..						
England, E.	Tenby ... ..	0.3	55	39	bc	bc. o	5.8								
	Cromer ... ..	0.2	57	41	bc m	c. m	5.4								
	Lowestoft ... ..														
	Felixstowe ... ..	0.2	52	33	bc f	bc m	7.6								
England, E.	Walton-on-Naze ... ..														
	Southend-on-Sea ... ..	-	56	35	m. b	b. bc	6.8								

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall. mm. & in.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.	Min. on Grass.		Fore- noon.	After- noon.	Night.
	%	%		Max.	Min.	Min. on Grass.				
Greenwich (Royal Obs.) ...	74	91	5.1	56	37	30	0.3	f.b.c.	c.b.c.	b.c.
City (Banhill Row) ...	*	*	1.3	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	79	94	2.5	54	40	37	0.4	f.b.c.	b.c.	f.b.c.
Camden Sq. (Brit. Rainfall)	99	91	1.6	53	38	35	0.3	f.b.c.	b.c.	f.b.c.
Hampstead (Reservoir) ...	*	91	1.4	57	40	23	*	c.b.f.	o.f.m.	o.m.
Richmond Park ...	*	*	2.3							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glatisher screens.)										
S Kensington (Roof of M.O.)	70	91	2.2	278	Joules	7.9	Milliwatts.	23	Milliwatts.	

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm. &	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.	bc	52	34	29	3 bc	bc	c/p	*
Darwin to 9 p.m.	—	49	38	30	bc	bc	bc. 0	3.5
Manchester "	—	56	33	*	bwc. c	c. bc. c	c. b	3.7
Birmingham "	—	54	25	21	bc	bc	c	7.6
Oxford to 8 p.m.	*	53	29	25	3 f	bc	bc	*
Teignmouth to 9,,	0.3	55	33	32	bc/p	bc	b	4.6
Plymouth "								
S. Kensington (Museum Grounds to 6 p.m.)	*	52	39	30	m. f	f. bc	3m.	*

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

31 <sup>st</sup> Oct. 1915	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	
Yarmouth ...	6.48	11.37	4.26
Greenwich ...	6.50	11.37	4.24
Wick ...	7.28	11.56	4.33
Valencia ...	7.35	12.25	5.13

## NOTES ON YESTERDAY'S WEATHER.

The afternoon temperature ranged between 50° and 55° over the country generally. Many places had no rain, others had very variable amounts, up to 23 mm. at Valencia. Sunshine ranged from none locally to 8½ hours at Rhyl.

NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; i, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility, unusual transparency; w, dew; x, hoar frost; z, dust-haze, or smoke.

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# ADDITIONS AND CORRECTIONS

TO THE

# DAILY WEATHER REPORT.

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OCTOBER, 1915.

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Corrections and additions for the month of October are given on this sheet for stations in the British Isles, Scandinavia, Holland, France and "Southern Europe." The data for stations in Iceland will be issued in due course in the form of a separate sheet. Completed maps will eventually be published in the Weekly Weather Report of the Meteorological Office.

Reports which arrived within 24 hours of the date to which they referred were inserted on Page 4 of the Daily Weather Report of the following day.

# ADDITIONS AND CORRECTIONS TO THE

DATE.	STATIONS.	YESTERDAY EVENING.				THIS MORNING 7 A.M., G.M.T.								PAST 24 HOURS.					Sun- shine for Yester- day. Hours.			
		BAROM. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain fall Milli- metres.	TEMP.			WEATHER.		
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours.	Direc.	Force 0-12.					Max. ° F.	Min. ° F.		Morning.	Afternoon.	Night.
1	Hesperanda Rome.	1006.9	63	W	1	r	1013.2	-	30	-7	N	2	-	o	*	-	43	27	.	.	.	
2	La Hève.	1018.3	50	NW	2	o	1016.4	-	61	-9	S	1	-	r	*	17	73	61	.	.	.	
3	Belfort Rome.	1018.4	47	E	4	o	1022.1	*	43	-3	NNE	2	*	o	2	-	57	43	.	.	.	
							1022.1	*	43	+11	-	0	*	c	*	-	55	32	.	.	.	
							1009.5	-	55	-2	E	1	-	c	*	1	66	50	.	.	.	
4	La Hève Rome.	1024.9	52	NE	3	bc	1026.4	*	47	+1	ENE	2	*	m	1	-	61	45	.	.	.	
							1011.8	-	54	-1	N	1	-	b	*	-	63	46	.	.	.	
5	Rome.	1012.3	57	E	3	c	1011.8	-	54	0	N	1	-	b	*	-	66	52	.	.	.	
6	Rome.	1014.3	55	S	2	o	1014.3	-	37	+3	NW	1	-	o	*	16	66	54	.	.	.	
7	Rome.	1015.3	57	SE	1	bc	1014.3	-	50	-7	NE	1	-	b	*	1	64	50	.	.	.	
10	Rome.	1011.8	59	SE	1	o	1011.7	-	57	+7	NE	1	-	o	*	-	66	50	.	.	.	
11	Sanguinaire Rome.	*	68	NW	1	c	*	*	64	.	E	1	*	o	2	-	75	55	.	.	.	
		014.1	59	-	0	b	1016.6	-	52	-5	N	1	-	b	*	-	68	50	.	.	.	
13	Rome. Horta	1021.3	64	-	0	o	1020.7	-	59	+4	-	0	-	r	*	-	73	55	.	.	.	
							1022.4	+2	64	0	NNW	4	*	o	3	9	73	63	.	.	.	
	Karlstad.	1025.6	45	-	0	r	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
14	Sanguinaire. Madrid.	*	68	NW	2	bc	*	*	66	-1	E	1	*	c	2	-	73	63	.	.	.	
		1015.5	72	SE	3	c	1017.5	0	61	+2	-	0	-	b	*	-	75	57	.	.	.	
15	Rome.	1011.3	59	N	1	o	1011.5	-	54	-7	-	0	-	b	*	17	68	54	.	.	.	
16	Sanguinaire Rome.	*	62	NW	3	b	*	*	63	-2	SE	2	*	o	3	-	73	59	.	.	.	
		1012.6	57	-	0	b	1014.9	-	52	-2	N	1	-	b	*	-	66	50	.	.	.	
17	Rome.	1016.4	57	-	0	b	1018.3	-	54	+2	NE	1	-	b	*	-	66	52	.	.	.	
18	Sanguinaire.	*	66	NW	1	c	*	*	64	.	E	2	*	b	2	-	73	54	.	.	.	
19	Madrid.	1020.0	61	-	0	b	1020.3	0	46	-2	N	1	-	b	*	-	64	43	.	.	.	
20	Sanguinaire Rome.	*	62	NW	4	c	*	*	58	-1	E	2	*	b	3	-	66	54	.	.	.	
		1013.0	55	N	1	b	1014.6	-	52	-7	-	0	-	b	*	3	66	45	.	.	.	
22	Sanguinaire. Rome.	*	62	N	5	b	*	*	59	.	E	2	*	m	3	-	66	54	.	.	.	
		1017.3	55	NW	2	b	1018.1	-	50	-3	NE	1	*	b	*	-	66	50	.	.	.	
23	Belfort.	1024.2	45	E	3	m	1022.7	*	39	0	E	4	*	f	*	-	54	26	.	.	.	
24	Rome.	1017.7	52	NE	2	b	1018.9	-	48	0	NE	1	-	b	*	-	63	45	.	.	.	
25	Lisbon.	1020.7	58	N	5	bc	1018.4	-1	61	+1	NNW	6	-	o	5	-	65	35	.	.	.	
26	Sanguinaire Rome.	*	57	W	3	c	*	*	58	-1	E	3	*	o	3	-	59	52	.	.	.	
		1022.6	55	NE	2	o	1007.9	-	52	-2	NE	1	-	b	*	32	57	50	.	.	.	
27	Sanguinaire Rome.	*	59	ESE	4	r	*	*	59	+1	E	2	*	o	3	1	61	54	.	.	.	
		1005.2	57	N	1	r	1005.9	-	57	+5	NE	1	-	o	*	15	64	52	.	.	.	
28	Sanguinaire Madrid	*	59	N	3	o	*	*	58	-1	E	3	*	o	3	-	66	54	.	.	.	
		1012.2	54	NE	3	b	1018.1	+2	45	-6	NNW	1	-	o	*	-	55	45	.	.	.	
	Rome.	1008.7	59	-	0	o	1005.6	-	54	-3	N	1	-	o	*	-	64	54	.	.	.	
29	Leith. Rome.	1004.4	57	S	1	o	1004.4	-	55	+1	-	0	-	b	*	5	64	54	od	og	r	
							*	*	55	-4	W	4	*	o	5	5	66	55	.	.	.	
30	Sanguinaire Rome.	1011.9	57	NE	1	r	1010.6	-	57	+2	W	1	-	r	*	10	63	65	.	.	.	
31	Petrograd Belfort	1024.2	36	WSW	4	bc	1025.9	-	34	-2	NW	3	-	o	*	-	57	34	.	.	.	
		1015.3	41	-	0	m	1012.8	*	33	-3	E	4	*	m	*	-	50	31	.	.	.	
	Rome.	1013.1	34	SE	1	r	1013.3	*	48	-9	NE	1	-	b	*	13	63	48	.	.	.	

Sun-  
shine  
for  
ester  
day.  
Hours

DATE.	STATIONS.	YESTERDAY EVENING.				THIS MORNING 7 A.M., G.M.T.								PAST 24 HOURS.						Sun- shine for Yester- day Hours.		
		BAROM. Milli- bars at M.S.L.	TEMP.  ° F.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.		Afternoon.	Night.
2	Roches Point.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12.	.	.	.	.	.	
3	Valencia	.	.	.	.	1024·9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	Roches Point.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	Dungeness	1018·1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
4	Pembroke.	.	.	.	.	.	.	.	.	ENE	.	.	.	.	.	.	.	.	.	.	.	
6	Eskealemuir	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10·1	
	Skudnessnes	.	.	NNE	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	La Héve	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	45	.	.	.	.	
7	Sternorby	.	.	.	.	.	.	51	+7	.	.	.	.	.	.	.	.	.	.	.	.	
	Nice	.	.	.	.	.	.	51	0	.	.	.	.	.	.	.	.	.	.	.	.	
8	Deerness	.	.	SE	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	Roches Point	.	.	SSE	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
9	Blaavands Heek	.	.	SE	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
10	Cleaton-on-Sea	.	.	.	.	1011·8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	Malta	.	.	.	.	1012·8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
11	Portland Bill.	.	.	.	S	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
12	Lions	1013·0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	Sanguinaire.	.	.	N	.	.	.	.	0	N	.	.	.	.	.	.	.	.	.	.	.	
13	Falmouth	.	.	.	.	.	.	.	.	.	.	.	.	.	0·3	.	.	.	.	.	.	
14	Falmouth	.	.	.	.	.	.	.	.	.	.	.	.	.	0·3	.	.	.	.	.	.	
15	Falmouth	.	.	.	.	.	.	.	.	.	.	.	.	.	0·3	.	.	.	.	.	.	
16	Castlebay	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7·7	
	Yarmouth	.	55	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	Finchal	.	64	.	3	0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
18	Dover	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	Skudesnaes	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	46	.	.	.	.	
19	Deerness	1031·5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	Roches Point.	.	53	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
21	Blackad Point	.	.	.	.	1007·6	.	.	.	.	.	.	.	.	.	54	.	.	.	.	.	
	Yarmouth	.	.	.	.	1012·6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	Brest.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	52	.	.	.	.	
22	Blackad Point.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	49	.	.	.	.	
	Jersey	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	42	.	.	.	.	
23	Falmouth	.	.	.	.	.	-2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	Dover	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	49	.	.	.	.	
24	Deerness	.	.	.	.	.	.	.	.	.	.	.	5	.	.	.	.	.	.	.	.	
	Blackad Point	.	.	.	.	.	.	.	.	NNW	.	.	.	.	.	.	.	.	.	.	.	
	Roches Point.	.	.	.	.	.	.	.	.	.	.	.	3	.	.	.	46	.	.	.	.	
25	Malin Head	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	45	.	.	.	.	
	Ostent	.	.	.	.	1009·6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	Brest.	.	.	.	.	1010·6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
26	Skagen	.	.	.	.	.	+1	.	.	.	5	.	.	.	.	.	.	.	.	.	.	
27	Tynemouth	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	38	.	.	.	.	
	Spurn Head	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	40	.	.	.	.	
	Perpignan	.	.	.	.	.	.	.	.	.	.	.	.	.	378	.	.	.	.	.	.	
28	Deerness	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	45	39	.	.	.	
	Blackad Point.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	252	.	.	.	.	.	
	Yarmouth	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	440	.	.	.	.	
29	Glasgow	997·3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	C. Gris Nez	.	.	.	.	1004·8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
30	Dover	.	.	.	.	.	.	.	.	.	.	.	.	.	.	15	.	.	.	.	.	
31	La Héve	1011·0	.	.	.	1000·7	.	.	.	SE	.	.	.	.	.	.	.	.	.	.	.	

# CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING.				THIS MORNING 7 A.M., G.M.T.								PAST 24 HOURS.						Sun- shine for Yester- day. Hours.		
		Barom. Milli- bars at M.S.L.	TEMP.  ° F.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.		Afternoon.	Night.

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
	%	%	Hr.	° F.	° F.	° F.	mm. &			
1 Westminster	.	.	16	.	.	.	.	.	.	.
Richmond Park	.	.	13	.	.	.	.	.	.	.
4. Greenwich	.	.	.	61	.	28	.	.	.	.
7. Richmond Park	.	.	14	.	.	.	.	.	.	.
10 Westminster	.	.	0.0	.	.	.	.	.	.	.
14 Greenwich	.	.	.	.	44	.	.	.	.	.
Richmond Park	.	.	16	.	.	.	.	.	.	.
15 Richmond Park	.	.	5.5	.	.	.	.	.	.	.
23 Richmond Park	.	.	2.5	.	.	.	.	.	.	.
24 Richmond Park	.	.	0.7	.	.	.	.	.	.	.
25 Greenwich	.	.	0.0	.	.	.	.	.	.	.
City	.	.	0.0	.	.	.	.	.	.	.
Richmond Park	.	.	0.0	.	.	.	.	.	.	.
26 Richmond Park	.	.	0.7	.	.	.	.	.	.	.
27 Richmond Park	.	.	1.3	.	.	.	.	.	.	.
28 Richmond Park	.	.	0.1	.	.	.	.	.	.	.
29 Richmond Park	.	.	1.2	.	.	.	.	.	.	.
30 Richmond Park	.	.	5.1	.	.	.	.	.	.	.

## GALES

Duration and Extreme Force  
in British Islands

Date.	ADDITIONS.	Date.	CORRECTIONS.
24	<u>Aberdeen</u> 24th 2 a.m. SE 8 Gust SE 18 m.p.s.	8	<u>Reches Point</u> 7th 1 p.m. - 8 p.m. SSE 8
28	<u>Holyhead</u> 28th 2 a.m. S 8	22	<u>Blackod Point</u> 21st Midt. - 22nd 7 a.m. S 8