

**METEOROLOGICAL OFFICE.**

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**DAILY WEATHER REPORTS.**

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**1<sup>ST</sup> JULY TO 31<sup>ST</sup> DECEMBER 1914.**



METEOR  
South





# DAILY WEATHER REPORT. APPENDIX I.

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

### THIRD QUARTER, JULY TO SEPTEMBER.

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

JULY.	STATIONS.	PRESSURE. 1906-1910.  7 a.m. Observations (reduced 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 Centage of Possible Duration.	
			Means of				Absolute Extremes.							
			1908-1910.		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.				
Sumburgh Head.....	29'862	50'5	49'0	57'0	48'0	70	1897	37	1888	18	In.	Hr.	%	
Stornoway.....	29'897	52'5	50'7	60'1	48'9	76	1894	32	1888	20	2'32	144	27	
Castlebay (Barra Isd.)..	[29'874]†	[53'9]†	[51'9]†	[58'3]†	[51'3]†	[71]†	[1908]†	[47]†	[1910]†	[19]†	[2'95]†	[161]†	[31]†	
Malin Head.....	29'903	54'1	53'1	[60'6]†	[52'4]†	[75]†	[1887]†	[42]†	[1888, 02]†	[19]†	[2'88]†	—	—	
Blackod Point.....	29'955	56'3	54'5	[62'3]†	[53'4]†	[80]†	[1894]†	[42]†	[1898]†	[22]†	[3'14]†	—	—	
Valencia.....	30'012	56'8	54'8	63'9	53'7	80	1878	40	1907	20	3'61	156	32	
Roche's Point.....	30'014	56'5	54'9	65'2	53'8	84	1878	43	1907	15	2'88	—	—	
Birr Castle.....	29'983	56'8	52'1	66'2	51'7	89	1876	37	1889	17	2'99	142	28	
Donaghadee.....	29'953	54'1	52'5	63'3	51'8	81	1876	40	1883, 02	17	2'91	—	—	
Liverpool (Observatory).....	29'971	56'1	53'4	65'6	54'2	88	1901	44	1877	15	2'69	[186]†	[37]†	
Holyhead.....	29'989	50'7	54'9	63'3	53'6	85	1901	43	1888	16	2'71	—	—	
Pembroke (St. Ann's Hd.).....	29'993	55'6	54'4	62'3	54'7	80	1878	43	1910	15	2'47	209	42	
Scilly (St. Mary's).....	30'146	57'6	55'5	64'7	56'4	75	1886, 01, 02	47	1910	16	2'24	218	45	
Jersey (St. Aubin's).....	30'056	59'3	57'0	68'3	56'3	87	1900, 01	44	1907, 09	13	2'01	247	51	
Portland Bill.....	30'010	57'5	55'8	64'7	55'9	[79]†	[1901]†	[49]†	[1900, 07]†	11	1'75	—	—	
Dungeness.....	29'988	58'0	56'0	66'5	55'4	82	1900	40	1890	12	1'88	—	—	
Dover.....	[29'983]†	[58'0]†	[55'7]†	[64'7]†	[52'8]†	[74]†	[1903]†	[46]†	[1908, 09, 10]†	[15]†	[2'61]†	[180]†	[37]†	
Wick.....	29'885	52'2	50'3	61'1	48'4	81	1876	30	1888	18	2'66	—	—	
Nairn.....	29'892	53'0	50'7	64'2	49'4	86	1876	36	1906	17	2'67	[135]†	[26]†	
Aberdeen.....	29'909	54'5	51'9	63'1	50'3	86	1876	38	1898, 03	17	2'79	160	30	
Leith.....	29'915	55'4	52'3	66'0	51'3	90	1878	41	1887, 8, 92, 03	17	2'73	—	—	
North Shields.....	29'931	55'5	52'9	64'2	55'1	85	1876	39	1909	15	2'60	—	—	
Spurn Head.....	29'944	58'4	54'3	64'9	54'6	[84]†	[1881, 1900]†	[44]†	[1882]†	13	1'82	—	—	
Yarmouth.....	29'959	57'1	54'6	66'0	54'6	87	1881	42	1890	14	2'44	[177]†	[96]†	
Clacton-on-Sea.....	29'988	58'0	55'5	67'7	54'6	[82]†	[1905]†	[40]†	[1902]†	10	1'80	[202]†	[41]†	
Nottingham.....	29'974	56'7	54'4	70'1	52'1	92	1876	37	1888	15	2'39	[190]†	[38]†	
Bath.....	30'019	58'5	56'4	69'4	58'4	[91]†	[1876]†	[39]†	[1906]†	13	2'53	204	41	
Oxford.....	29'987	58'3	54'8	70'0	53'5	90	1876, 00	41	1888	14	2'47	201	41	
LONDON { Westminster.....	29'990	57'8	55'1	[69'7]†	[54'8]†	[83]†	[1908]†	[45]†	[1907]†	[14]†	[1'99]†	179	36	
{ Kew.....	30'009	57'7	54'8	70'8	54'3	90	1881	43	1882, 84	13	2'30	204	41	
Sumburgh Head.....	29'786	51'5	49'9	57'2	48'3	82	1910	38	1885, 95, 09	20	3'11	—	—	
Stornoway.....	29'838	52'9	51'3	60'0	49'0	75	1897, 99	33	1888	22	3'86	132	28	
Castlebay (Barra Isd.)..	[29'872]†	[54'2]†	[52'5]†	[58'5]†	[51'5]†	[68]†	[1910]†	[47]†	[1908, 09]†	[20]†	[4'07]†	[139]†	[30]†	
Malin Head.....	29'856	54'8	51'0	[61'0]†	[52'9]†	[80]†	[1900]†	[43]†	[1891]†	[22]†	[3'69]†	—	—	
Blackod Point.....	29'907	57'0	55'1	[62'0]†	[53'5]†	[78]†	[1899]†	[42]†	[1897, 88]†	[23]†	[4'84]†	—	—	
Valencia.....	29'976	57'5	55'5	64'2	53'9	81	1899	42	1890	23	5'09	152	34	
Roche's Point.....	29'985	56'6	55'6	64'9	53'8	80	1880	44	1883, 03, 01	17	4'01	—	—	
Birr Castle.....	29'949	56'5	54'9	65'6	51'2	82	1893, 99, 00	35	1885, 87	18	3'85	142	32	
Donaghadee.....	29'912	54'6	53'3	63'1	52'0	78	1899	38	1886	19	3'27	—	—	
Liverpool (Observatory).....	29'941	56'7	54'2	65'1	54'0	85	1876, 84, 93, 99	44	1885	17	3'16	[161]†	[36]†	
Holyhead.....	29'941	57'3	55'7	63'4	54'1	83	1893	45	1888	17	3'39	—	—	
Pembroke (St. Ann's Hd.).....	29'971	57'0	55'8	62'8	55'3	78	1899	47	1885, 88	16	3'27	193	43	
Scilly (St. Mary's).....	30'126	58'7	56'9	65'0	56'9	75	1893, 99	50	1885, 90, 95	17	2'68	224	51	
Jersey (St. Aubin's).....	30'057	61'2	58'5	68'8	57'2	89	1893	45	1890, 09	15	2'43	242	55	
Portland Bill.....	30'003	59'3	57'5	66'5	56'8	[73]†	[1901]†	[49]†	[1904, 10]†	13	2'00	—	—	
Dungeness.....	29'992	59'6	57'6	67'2	56'0	82	1904	39	1890	13	2'13	—	—	
Dover.....	[29'993]†	[59'3]†	[56'9]†	[66'4]†	[53'8]†	[83]†	[1906]†	[46]†	[1908]†	[15]†	[2'49]†	[220]†	[50]†	
Wick.....	29'827	52'4	50'9	61'1	48'2	85	1893	30	1888	20	2'75	—	—	
Nairn.....	29'836	52'7	51'0	63'7	49'1	86	1899	33	1885, 91, 04	19	2'59	[132]†	[28]†	
Aberdeen.....	29'860	54'5	52'4	62'7	49'9	81	1880, 82, 99, 06	33	1885	18	2'95	152	33	
Leith.....	29'866	55'4	52'9	65'6	51'1	85	1893, 1906	38	1881, 92	17	2'95	—	—	
North Shields.....	29'898	55'6	53'4	64'1	51'2	83	1893	39	1892, 02	16	2'84	—	—	
Spurn Head.....	29'927	57'2	55'3	64'9	54'6	[87]†	[1893]†	[46]†	[1900]†	15	2'13	—	—	
Yarmouth.....	29'957	58'0	55'6	66'2	54'4	85	1893	41	1902	15	2'51	[206]†	[46]†	
Clacton-on-Sea.....	29'987	58'9	56'4	67'6	55'0	[84]†	[1905]†	[43]†	[1906]†	13	1'90	[211]†	[47]†	
Nottingham.....	29'957	56'3	54'7	68'7	51'4	94	1876	37	1876, 08	17	2'62	[181]†	[40]†	
Bath.....	30'006	58'0	55'6	68'9	52'5	[92]†	[1876]†	[40]†	[1877, 04]†	14	3'00	196	44	
Oxford.....	30'008	58'9	56'8	68'9	52'7	90	1876, 06	39	1892	14	2'47	187	42	
LONDON { Westminster.....	29'991	58'2	56'2	[69'7]†	[54'7]†	[91]†	[1906]†	[46]†	[1905, 07]†	[13]†	[1'80]†	172	39	
{ Kew.....	30'006	57'9	55'6	69'6	53'6	92	1876	41	1890	14	2'36	191	43	
Sumburgh Head.....	30'000	49'0	47'8	54'8	46'3	69	1898	34	1887, 88	20	3'18	—	—	
Stornoway.....	30'037	50'7	49'1	57'5	46'2	77	1906	32	1885	21	3'96	115	30	
Castlebay (Barra Isd.)..	[30'041]†	[52'4]†	[50'5]†	[56'8]†	[49'9]†	[63]†	[1910]†	[44]†	[1908, 09, 10]†	[16]†	[3'17]†	[129]†	[34]†	
Malin Head.....	30'059	52'8	52'2	[58'8]†	[50'7]†	[84]†	[1906]†	[38]†	[1886]†	[18]†	[2'76]†	—	—	
Blackod Point.....	30'090	55'0	53'2	[60'0]†	[51'2]†	[78]†	[1896]†	[39]†	[1899]†	[20]†	[4'08]†	—	—	
Valencia.....	30'114	53'8	51'7	61'8	51'3	79	1898, 06	35	1899	19	4'09	132	35	
Roche's Point.....	30'127	54'1	53'1	61'8	51'3	74	1880	39	1893	15	3'11	—	—	
Birr Castle.....	30'114	52'4	51'0	61'9	47'2	80	1906	29	1899	15	2'53	125	33	
Donaghadee.....	30'107	52'0	51'0	60'2	49'3	75	1906	36	1882, 94, 99, 09	16	2'62	—	—	
Liverpool (Observatory).....	30'120	53'0	50'7	61'3	50'8	87	1906	39	1885	15	2'55	[114]†	[30]†	
Holyhead.....	30'109	54'9	53'1	60'8	51'9	78	1880	42	1903, 07	16	2'80	—	—	
Pembroke (St. Ann's Hd.).....	30'109	54'3	53'0	60'6	52'9	74	1895	40	1885	15	2'81	150	40	
Scilly (St. Mary's).....	30'223	56'3	54'7	62'3	54'8	73	1899	44	1885, 88	16	2'57	170	46	
Jersey (St. Aubin's).....	30'132	5												

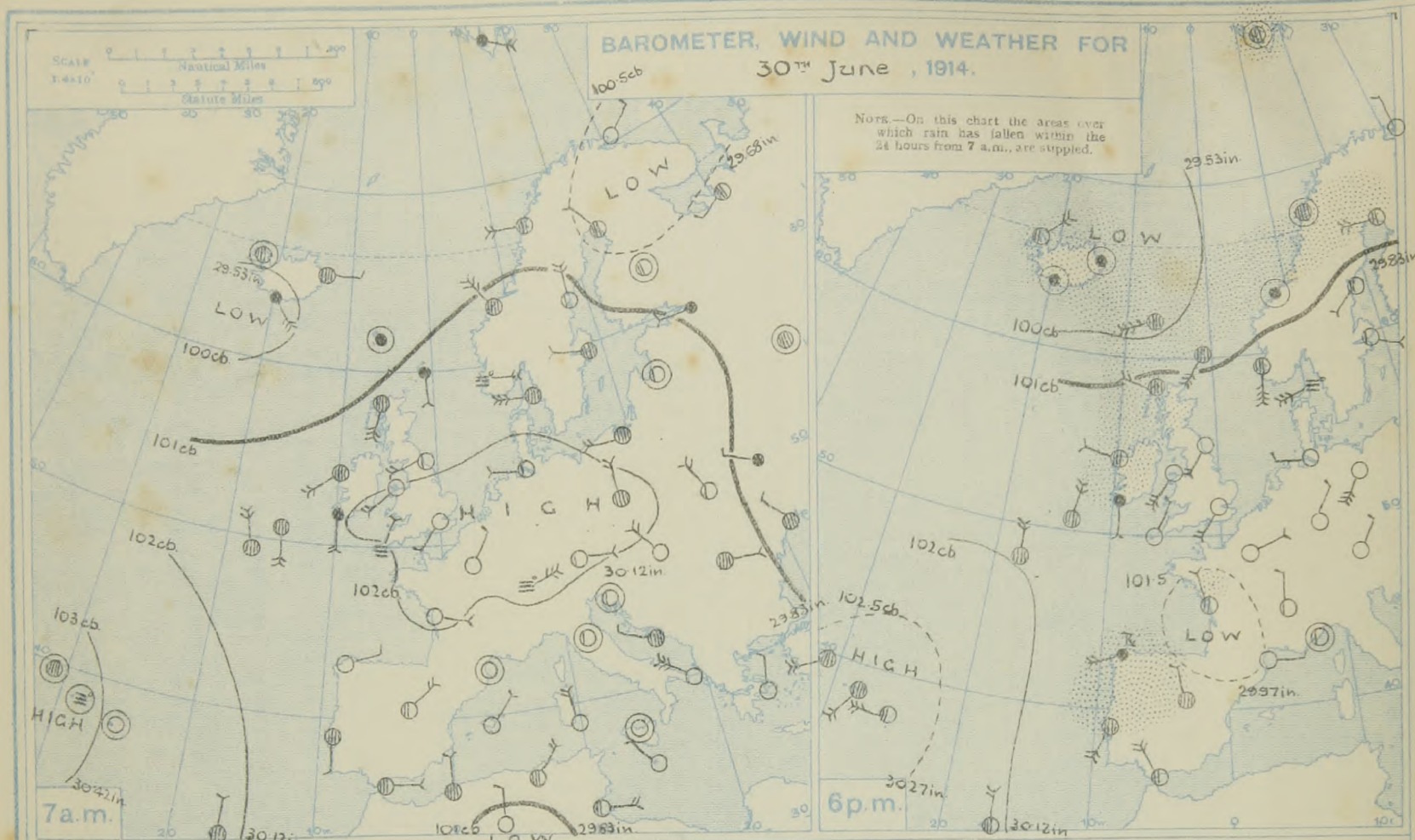


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Wednesday,  
1st July, 1914.

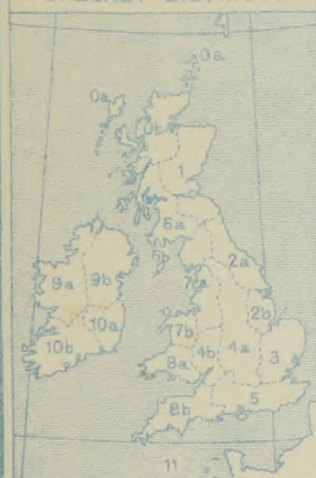
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Simultaneous for Yesterday.
		Barom. Millibars at M.S.L.	TEMP. °F.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Dir. of Upper Cloud.	Weather.	Sea (0-9).	Rain-fall. Millimetres.	TEMP.		WEATHER.					
				Dir.	Force 0-12.		Millibars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.			
																						Hours.		
BRITISH ISLANDS.	Lerwick ...	1007.1	54	SW	6	omg	1013.3	+3	53	+2	SSW	4	SW	bcm	3	1	62	49	odm cm	c.opmg	c.bcg	*		
	Stornoway ...	1011.7	55	W	6	cq	1014.1	+1	53	+3	SW	4	-	c	3	1	60	46	cq p	op.cq	bc.c	4.5		
	Castlebay (Barra Isd.)	1013.9	54	WNW	3	o	1015.3	0	52	-3	S	3	-	c	3	0.1	56	49	opm	op.c.0	o.bc	2.3		
	Glasgow ...	1014.1	58	W	1	ad	1016.1	-1	51	-9	-	0	SW	c	*	1	70	47	c.0	c.bgdp	edp.c	4.2		
	Esksdalemuir ...	1013.8	63	SSW	4	o	1015.3	0	56	-2	NE	2	SE	o	*	-	68	51	c.c	c.0	o	2.9		
	Malin Head ...	1015.5	55	WNW	3	o	1015.9	0	52	-8	NW	1	NW	bc	2	3	65	50	omd	omd	bc	1.0		
	Blacksod Point ...	1016.7	55	WNW	2	cm	1014.9	-3	53	-6	ENE	2	W	bc	2	7	60	49	omr	omr.cm	bc	*		
	Valencia ...	1016.2	61	S	2	omr	1011.8	-2	58	0	-	0	-	mr	3	10	66	56	om	omr	omr	0.0		
	Roche's Point ...	1017.4	66	W	3	b	1011.5	*	59	+3	-	0	-	o	1	0.1	67	56	c.bc	bc.b	c.og	*		
	Birr Castle ...	1016.3	66	W	3	o	1013.7	*	52	-8	N	1	-	o	*	1	71	51	o	o	op	2.7		
	Donaghadee ...	1015.4	67	SW	3	cq	1016.2	0	52	-9	NNE	2	-	opm	2	1	72	50	bcz	bz	op.op	*		
	Liverpool (Bldston)	1016.2	67	NW	2	bz	1014.9	*	58	-8	NNW	1	N	om	0	-	74	56	b	b	bm	15.3		
	Holyhead ...	1017.0	59	SW	5	bq	1015.8	-2	54	-7	SW	2	-	om	1	Trace	64	53	bz	bz	bf.of.0	15.3		
	Pembroke (St. Ann's)	1017.6	57	W	2	bc	1014.5	-3	56	-4	-	0	S	c	0	-	63	54	bz	fe	bc	5.3		
	Newquay ...	1017.3	60	NNW	1	om	1012.3	-3	61	-2	-	0	-	bz	1	-	70	56	b	cm.bm.0	bf.bcz	8.0		
	Scilly (St. Mary's)	1017.8	62	NNE	1	b	1013.1	-4	60	+1	NNE	1	S	bc	2	0.1	64	55	om	bm	bm	7.4		
	Jersey (St. Aubin)	1016.9	81	E	2	b	1012.9	*	75	+5	E	1	-	bm	0	-	83	66	bm.b	b	bl.bm	14.0		
	Portland Bill ...	1018.0	64	ENE	2	b	1014.2	-2	65	0	ENE	3	NE	bct	1	0.4	69	60	b	b	b.bcp	*		
	Dungeness ...	1018.0	75	SSW	1	bz	1015.3	-1	67	+2	E	1	-	bz	1	-	76	61	bz	bz	c	*		
	Dover ...	1018.2	70	SE	1	bz	1014.4	*	75	+7	S	2	-	bz	2	-	78	60	b	b	b	15.2		
Wick ...	1010.4	61	WSW	4	o	1015.2	+1	51	-8	SSE	3	-	bc	3	-	70	?	bc.cm	bc.cm	om.bc	*			
Nairn ...	1010.5	63	W	4	cq	1016.1	*	54	-15	W	1	-	bc	2	-	74	41	bcq	bcq.e	c.bc	8.4			
Aberdeen ...	1012.0	65	WNW	3	o	1017.0	+2	55	-13	ENE	2	SW	bc	2	0.3	79	52	b.bcz	bc.op	op.bc	11.4			
Leith ...	1013.5	67	W	3	c	1016.1	+2	54	-15	NE	1	-	op	*	1	74	52	c	c.bcz	c.op	*			
Tynemouth ...	1014.7	74	SW	3	b	1016.1	+1	57	-8	NE	3	-	o	3	-	77	57	bc	bc	bm	14.9			
Spurn Head ...	1015.8	79	S	3	bc	1015.1	0	64	0	-	0	-	bc	1	-	83	60	bcm	bc	bc	11.0			
Yarmouth ...	1017.2	72	S	4	bm	1015.2	0	70	+5	SW	2	-	b	1	-	74	62	bc	bc.bm	b	11.1			
Clacton-on-Sea ...	1017.6	68	SE	4	b	1015.2	0	69	+3	ESE	1	-	bm	0	-	72	63	bz	bz.b	bm	14.4			
Nottingham ...	1015.5	80	SW	1	b	1015.0	*	62	-7	SW	1	SW	cm	*	-	84	56	c.bc	c.b	b	12.6			
Bath ...	1016.9	80	W	2	b	1014.5	*	65	0	NE	1	SW	c	*	-	82	58	bm	b	bm.o.c	13.5			
London (Kew Obsy.)	1016.7	83	SW	3	bz	1014.8	-1	67	0	SW	1	SW	om	*	-	84	59	bz.b.bm	br.b.bz	bz.b.bcm	14.9			
ICELAND, FAEROE, &c.	Spitzbergen ...	1007.0	?	-	0	c	1004.6	-3	37	-6	NNW	1	*	c	*	45	36	GALES.						
	Isafjord ...	999.3	52	NE	4	bc	1002.3	+2	41	-4	NE	6	*	c	*	*	*	Duration and Extreme Force in British Islands.						
	Reykjavik ...	996.0	49	S	3	r	995.0	?	46	+1	-	0	*	r	*	*	*	Aberdeen.						
	Vestmanna ...	996.2	44	-	0	r	997.3	+1	43	-1	E	1	*	o	*	*	*	30th Noon						
	Seydisfjord ...	995.4	42	-	0	r	995.7	+2	44	-1	S	2	*	c	*	*	*	gust SW 18 m.p.s (40 m.p.h.)						
	Thorshavn ...	997.6	49	WSW	7	o	1005.1	+3	50	+2	WSW	8	*	c	*	*	*							
NORTHERN EUROPE.	Vardö ...	1003.7	48	N	1	b	1004.2	0	48	0	N	3	-	b	3	*	50	39						
	Bodö ...	1006.3	52	-	0	o	1000.6	+1	54	+4	SW	7	SW	bc	5	Trace	54	46						
	Christiansund ...	1005.5	55	SE	1	r	1009.5	+3	52	+2	WSW	6	-	b	4	9	55	50						
	Skudesnaes ...	1012.7	59	S	7	c	1015.8	+2	54	-1	NNW	4	-	o	2	-	59	50						
	Færder (X'ania Fjord)	1011.1	66	SW	4	b	1011.9	0	63	+4	SSW	6	-	b	3	-	66	59						
	The Scaw (Skagen)	1014.1	66	WSW	6	m	1015.1	+1	66	+7	WSW	3	-	bc	3	-	70	57						
	Blaavands Huk ...	1018.1	64	WSW	2	m	1017.3	0	66	+7	SW	1	-	m	2	-	66	57						
	Haparanda ...	1006.6	61	W	4	bc	1008.8	+1	57	0	SW	2	-	o	*	1	63	46						
	Hernösand ...	1011.3	59	SW	2	bc	1007.9	-1	59	+4	S	2	-	b	*	-	64	50						
	Stockholm ...	1012.2	64	ESE	2	b	1013.0	0	72	+13	S	6	W	b	*	-	73	55						
Wisby ...	1013.6	64	WSW	2	b	1016.4	+1	68	+7	SW	2	-	b	*	-	70	54							
Karlstad ...	1011.5	72	SSW	4	bc	1012.6	+1	68	+7	SSW	2	-	b	*	-	75	59							
CENTRAL EUROPE.	Berlin ...	1019.8	72	W	3	b	1019.5	0	73	+10	W	1	-	b	*	-	84	59						
	Frankfurt ...	1019.0	79	NE	1	b	1017.7	-1	66	+2	NE	1	-	b	*	-	79	55						
	Munich ...	1018.7	70	NE	1	b	1017.7	-1	68	+2	NE	2	-	b	*	-	75	55						
	Vienna ...	1018.7	70	NE	1	b	1017.7	-1	68	+2	NE	2	-	b	*	-	75	55						
	Cuxhaven ...	1019.4	66	W	1	b	1018.1	0	70	+9	S	1	-	b	0	-	72	59						
	The Helder ...	1019.1	68	SW	1	b	1016.7	0	72	+8	S	2	-	b	1	-	72	59						
Brussels ...	1016.8	73	SW	1	b	1016.8	-1	73	+7	SW	1	-	b	*	-	81	59							
FRANCE.	C. Gris Nez ...	1018.4	71	NE	3	b	1014.7	0	76	+7	SE	1	-	b	1	-	79	66						
	La Hève ...	1017.1	77	NE	2	b	1015.3	*	73	+7	ESE	2	-	m	1	-	81	66						
	Ushant ...	1015.8	57	NE	3	b	1011.9	*	59	+4	NE	1	-	o	2	-	61	52						
	Brest (St. Mathieu)	1017.0	69	NNW	2	c	1012.9	-2	64	+1	SE	2	-	o	1	-	79	59						
	Rochefort (Ile d'Aix)	1014.4	79	NNW	2	bc	1012.4	0	68	-2	N	4	-	c	*	Trace	99	68						
	Biarritz ...	1013.2	75	ENE	3	b	1015.1	-1	74	+3	SSE	2	-	b	2	-	79	64						
	Paris ...	1017.2	81	ENE	2	b	1015.4	0	75	+7	-	0	-	b	*	-	86	63						
	Belfort ...	1016.8	78	ENE	4	m	1016.6	*	70	+6	E	3	-	m	*	6	81	59						
	Lyons ...	1015.9	83	N	1	b	1015.8	*	71	+2	SSE	1	-	b	*	-	87	62						
	Nice ...	1016.2	76	-	0	b	1016.6	0	73	-1	-	0	-	b	1	-	88	66						
PERPIGNAN	1015.0	82	E	1	b	1014.6	0	75	-2	-	0	-	b	*	-	88	63							
Sanguinaire ...	73	N	4	b	*	*	72	0	E	2	*	b	2	-	77	68								
SOUTHERN EUROPE.	Corunna (7 a.m.)	1017.5	63	WSW	3	tlr	1015.3	0	59	-5	NW	1	-	f	1	4	73	57						
	Madrid (8 a.m.)	1016.0	66	NNW	1	o	1015.1	0	66	-4	-	0	-	c	*	12	84	57						
	Lisbon (9 a.m.)	1016.0	68	SW	4	o	1015.1	0	63	-1	S	2	S	o	2	Trace	70	63						
	Gibraltar ...	1017.6	68	NW	4	bc	1016.2	*	65	?	NW	3	-	bc	1	-	75	63						
	Rome ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*						





**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.

South Coast.

North Coast.

Signals hoisted this morning.

South Coast.

North Coast.

**NO WARNINGS**

**ISSUED.**

0 { a } Wind light or moderate, direction rather variable; changeable,  
b } mostly fair, some showers, thunder locally; moderate temperature.

2 { a }  
b }  
3 Wind variable or light from some Easterly point; weather  
4 { a } becoming less fine generally, thunderstorms or thunder showers  
b } locally; very warm at first, then cooler.

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

7 { a } Light variable winds; changeable, some rain, thunder locally;  
b } moderate temperature.

8 { a } Same as Nos. 2 to 5.  
b }

9 { a } Same as No. 7.  
b }

10 { a }  
b }

Western Channel and Bay. 11

Light variable winds; sea smooth; changeable, some mist or fog, thunderstorms locally.

**FURTHER OUTLOOK.**

Millibars/Inches

1050

1040

1030

1020

1010

1000

990

980

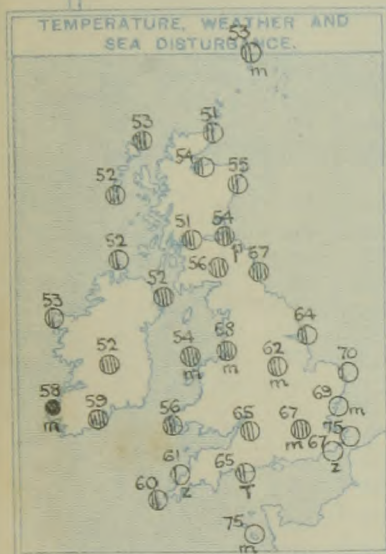
970



# SYNOPTIC CHART FOR 7 a.m., Wednesday, 1st JULY, 1914.

## GENERAL INFERENCE.

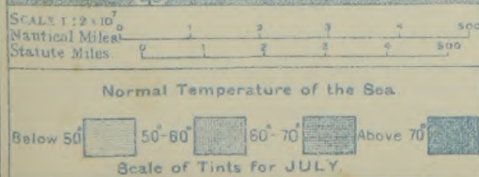
The shallow depression covering the greater part of Ireland, England, the Channel and the Bay of Biscay region is likely to cause thunderstorms in many parts of the United Kingdom during the ensuing twenty-four hours, followed by a lower temperature over England.



inches.  
- 31

- 30

- 29



Barometer

Barometer

LOW

HIGH

## 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 High



## DAILY WEATHER REPORT.

Wednesday, 1st July, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
1st 7 a.m.	51	10	Dominion	H	1006.8	-4	NE	4-5	0	30th 6 p.m.	50	14	Dominion	H	1011.5	-1	NNE	4-5	0
										7 a.m.	48	18	Vaderland	O	1020.0	+3	NNE	4-5	0

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		mm. §	° F.	° F.			Hr.	England, S.E.		mm. §	° F.	° F.			Hr.
Oban ...		4	61	53	omr	o	0.0	Margate ...		-	80	64	b	b	13.2
Stonehaven ...		-	78	55	bcz	cg	0.8	Ramsgate ...		-	78	61	b	b	13.1
Carnoustie ...		0.3	76	59	*	*	10.2	Folkestone ...		-	76	59	b	b	13.1
St. Andrews ...		-	75	63	*	*	10.7	Hythe ...		-	80	54	b	b	13.5
Harrogate ...		-	79	57	bc. b	b	11.9	Littlestone ...		-	*	*	*	*	13.2
Scarborough ...		*	80	60	bc	b	8.1	Hastings ...		-	75	58	b	b	13.4
Skegness ...		-	83	60	b	bc	11.3	Bexhill-on-Sea ...		-	74	59	b	b	13.4
Douglas (I. of M.) ...		-	68	55	bc	bc	8.7	Eastbourne ...		-	73	56	b	b	13.0
Morecambe ...		-	72	60	b	b	12.3	Seaford ...		-	77	54	b	b	13.2
Blackpool ...		-	72	59	bc	b	13.0	Brighton ...		-	69	55	b	b	13.1
Southport ...		-	74	60	b	b	13.0	Worthing ...		-	72	57	b	b	13.4
Buxton ...		-	80	60	b	b	11.4	Littlehampton ...		-	70	57	b	b	13.4
Leamington Spa ...		-	84	58	bc	bc	12.0	Bognor ...		-	71	57	b	b	13.3
Malvern ...		-	81	73	bc	bc. b	13.7	Southsea ...		-	73	59	b	b	13.5
Rhyl ...		-	77	57	bc	b	13.7	Ryde ...		-	71	56	b	b	13.5
Colwyn Bay ...		-	78	61	b	b	14.0	Ventnor ...		-	73	60	*	*	13.6
Llandudno ...		-	76	61	b	b	13.7	Bournemouth ...		-	75	56	b	b	13.5
Bettws-y-Coed ...		-	76	57			11.8	Weymouth ...		-	75	59	b	b	13.2
Aberystwyth ...		-	68	56	c. b	c. om	9.2	Exmouth ...		-	72	58	b	b	13.1
Tenby ...		-	74	50	b	b	13.4	Teignmouth ...		-	71	57	b	b	13.5
Cromer ...		-	72	61	bc	bc. b	10.9	Torquay ...		-	74	57	b	b	13.0
Lowestoft ...		-	72	61	bm	b	12.8	Paignton ...		-	68	55	b	b	13.0
Felixstowe ...		-	72	61	b	b	12.9	Plymouth ...		-	70	56	b	b	13.3
Walton-on-Naze ...		-	71	63	b	b	12.9	Falmouth ...		-	70	58	b	b	13.4
Southend-on-Sea ...		-	84	59	b	b	14.0	Bude ...		-	71	51	bc. b	bc. o	9.6
		-						Ilfracombe ...		-	68	56	b	b	11.4
		-						Weston-super-Mare ...		-	81	57	b	b	13.0

## 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.										
	%	%	Hr.	° F.	° F.	° F.	mm.‡			
Greenwich (Royal Obsy.) ...	34	55	15.2	85	55	48	—	b	b	b
City (Bunhill Row) ...	*	*	14.2	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	38	53	14.7	89	61	56	0.3	b	b	b
Camden Sq. (Brit. Rainfall)	40	57	12.2	89	61	57	—	b	b	*
Hampstead (Reservoir) ...	*	55	14.6	85	63	53	—	bc	bc	b
Richmond Park ...	*	*	14.7							
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.)	36	51	15.0	2447 Joules		41.2 Milliwatts.		77.0 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.	-	76	62	59	bc	bc	bc	*
Darwen to 9 p.m.	-	77	57	53	bcw	bc	bc	12.5
Manchester "	-	82	57	*	bc	bc. b	b. bc	13.2
Birmingham "	-	83	62	65	bc	bc	bc	14.1
Oxford to 8 p.m.	*	85	58	52	b	b	b	*
S. Kensington (Museum Grounds to 6 p.m.)	-	86	62	53	b	b	b	*

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

1st & 2nd July, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 3.36	G.M.T. 11.56	G.M.T. 8.17
Greenwich ...	3.36	11.57	8.17
Wick ...	3.48	12.3	8.18
Valencia ...	3.49	12.4	8.18
	3.11	12.15	9.19
	3.12	12.16	9.19
	4.26	12.44	9.2
	4.27	12.45	9.2

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 89° at Westminster, 86° at South Kensington, and to 84° in the Midlands, while readings as high as 80° were recorded over a very large area. The minima of the night were above 60° at several stations in the south and east of England. Bright sunshine was very abundant except in some parts of Ireland and Scotland. Lightning was observed at Jersey during the 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.

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.



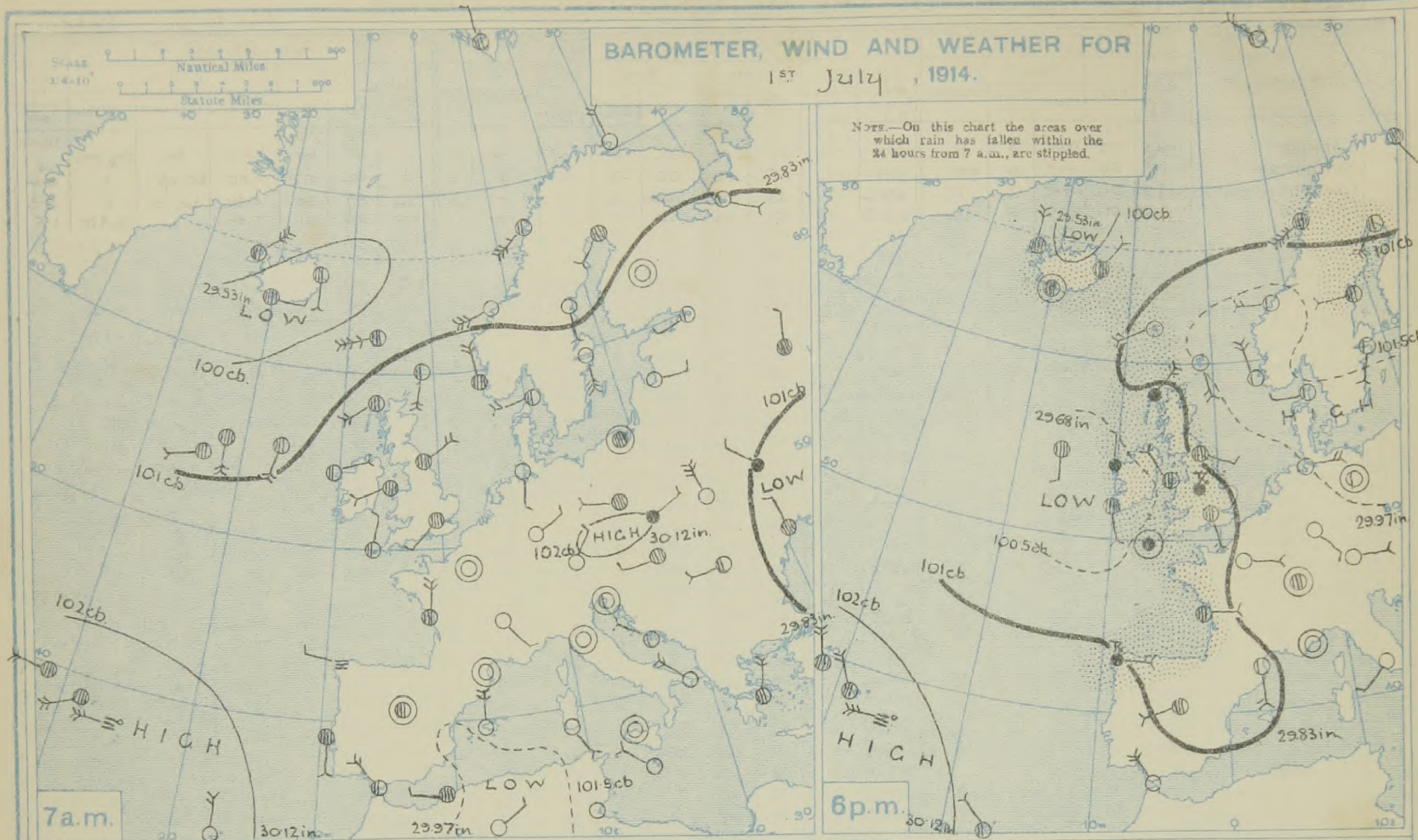
## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,

2nd July, 1914.

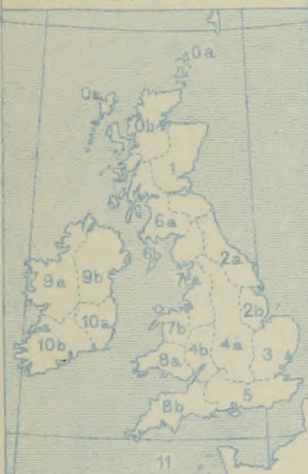
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 8 hours.	TEMP.		WIND.		Direc. of Upper Cloud	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																						
Lerwick ...	1015.3	55	SSE	3	b	1004.9	-5	53	0	SE	3	-	om	4	-	58	50	bcm	bc	cg. om	Hours.	
Stornoway ...	1008.7	54	NE	4	ops	999.0	-2	55	+2	SE	2	-	o	2	2	62	52	c.bc	bc.op	o	6.4	
Castlebay (Barra Isd.)	1007.3	51	NNE	2	r	998.4	-1	53	+1	WNW	2	-	r	3	24	57	50	c.bc	bc.or	r	5.3	
Glasgow ...	1007.5	58	EME	5	c	1000.8	-1	57	+6	W	1	-	rg	25	58	51	c.op.o	o	cptlr	1.5		
Eskdalemuir ...	1008.2	64	SE	3	cy	1001.3	-2	61	+5	S	3	S	org	17	66	53	o	o.c	om.tlr	0.5		
Malin Head ...	1005.8	54	ESE	3	c	999.8	0	53	+1	W	2	-	r	2	1	55	50	cp	cgp	omr	3.2	
Blackod Point ...	1004.6	56	N	1	or	1001.9	+1	53	0	WNW	2	NW	bc	2	13	56	49	bc.ogp	or	or.bc		
Valencia ...	1004.7	59	SSE	2	om	1003.7	+2	55	-3	SW	1	SW	bc	3	5	61	53	omr	omr	md.c	0.2	
ICELAND, FAEROE, &c.																						
Roche's Point ...	?	61	SSW	1	o	1003.2	*	57	-2	MNW	2	S	c	1	2	65	55	og	og	op.c		
Birr Castle ...	1003.9	71	S	1	c	1002.5	*	53	+1	W	1	-	o	1	1	73	51	c	c	cp.o	3.6	
Donaghadee ...	1006.7	56	SSE	2	c	1000.8	-1	56	+4	S	2	S	cm	2	1	58	52	om	c	c.bcmr		
Liverpool (Bidston) ...	1006.6	64	N	1	c	1002.0	-3	62	+4	SE	3	S	r	2	10	80	58	o.bc	c.otlr	tlr	5.4	
Holyhead ...	1007.9	64	NW	2	cmg	1002.6	-1	56	+2	SSE	3	-	omr	2	17	65	55	o.bc.cp	op.opt	c.omr	5.2	
Pembroke (St. Ann's) ...	1007.8	61	SW	1	o	1002.8	0	58	+2	SW	1	SW	om	1	19	66	56	bc	mg	ogp	7.4	
Newquay ...	1005.9	66	W	2	c	1003.1	0	62	+1	S	2	S	cm	2	1	75	59	bz.op	bz.cj	cf.lp	8.7	
NORTHERN EUROPE.																						
Scilly (St. Mary's) ...	1006.4	62	-	0	fr	1003.7	0	58	-2	SSW	2	SW	cmp	2	5	70	57	bcm	bc.d	cmptl	8.8	
Jersey (St. Aubin) ...	1007.7	74	ESE	2	bc	1006.5	*	62	-13	SW	2	-	dmp	2	0.1	81	61	bc.d	d.bpc	c.me	9.1	
Portland Bill ...	1007.8	67	ENE	2	bc	1005.4	0	59	-6	SSW	4	-	f	3	1	71	59	bc	bc	bc.cf		
Dungeness ...	1008.9	68	NE	3	bz	1005.9	0	63	-4	SSW	3	S	cu	1	1	74	60	bz	bz	cl.c		
Dover ...	1009.3	74	E	3	bz	1005.6	*	65	-10	SW	4	SW	bc	3	1	82	62	b	b	b.bc	13.4	
CENTRAL EUROPE.																						
Wick ...	1012.7	52	SE	4	r	1001.4	-3	53	+2	SE	2	-	fe	4	1	59	49	bc	bc.omr	om.fe		
Nairn ...	1009.4	59	E	2	cg	999.8	*	57	+3	-	0	-	om	2	5	63	53	bc.c	bz	g.our	8.7	
Aberdeen ...	1012.2	55	E	2	o	1002.0	-3	57	+2	S	2	-	om	2	1	62	54	bc.o	ad	or.om	4.8	
Leith ...	1008.6	61	ENE	2	v	1000.9	-2	59	+5	E	1	SE	op	6	6	61	52	op.o	o	otlr.op		
Tynemouth ...	1010.7	60	ESE	1	o	1003.2	-1	60	+3	SE	3	SE	cm	3	4	64	57	bc	bc	omg.p	6.3	
Spurn Head ...	1008.7	65	SSE	3	c	1004.1	-2	64	0	SSE	2	S	bc	4	20	82	57	bc	bcm	otlr	8.6	
SOUTHERN EUROPE.																						
Yarmouth ...	1010.8	66	SE	3	bcm	1004.9	0	67	-3	SSE	2	S	bc	1	1	74	62	bm	bm	bc	12.6	
Clacton-on-Sea ...	1009.5	69	ESE	4	bcm	1004.7	-1	65	-4	SSW	2	S	c	2	1	72	65	bm	b.bcm	bcm.cp	13.0	
Nottingham ...	1007.5	74	SE	2	o	1002.8	*	70	+8	SE	2	S	bc	14	85	61	cp.bc	c.otlp	otlr	7.6		
Bath ...	1007.8	69	W	1	o	1003.7	*	65	0	S	1	S	o	0.2	86	63	cp.bc	c.otlr	otlr.o	9.3		
London (Kew Obs.) ...	1007.7	85	SSE	3	c	1004.2	0	68	+1	S	2	S	o	Trace	89	65	om.cj	cv.bc.c	out.o	10.4		
FRANCE.																						
Spitzbergen ...	1002.6	37	NW	3	b	1001.6	0	43	+6	-	0	*	c	*	43	34	*	*	*	*		
Isafjord ...	1004.6	43	N	4	o	1010.1	+2	41	0	NE	5	*	o	*	*	*	*	*	*	*		
Reykjavik ...	1001.7	49	-	0	o	1006.7	-3	50	+4	E	3	*	o	*	*	*	*	*	*	*		
Vestmanna ...	1000.7	48	-	0	c	1005.1	+2	44	+1	SE	2	*	r	1	*	*	*	*	*	*		
Seydisfjord ...	1002.6	47	NE	2	o	1008.4	+2	43	-1	NE	1	*	o	*	*	*	*	*	*	*		
Thorshavn ...	1010.9	53	WSW	3	c	1005.5	-4	48	-2	NE	4	*	r	*	*	*	*	*	*	*		
ICELAND, FAEROE, &c.																						
Vardö ...	1000.7	50	SSE	1	o	1006.9	0	52	+4	W	2	-	r	2	*	52	39	*	*	*		
Bodö ...	1008.4	50	SW	3	o	1018.1	+5	50	-4	SW	5	W	c	3	1	54	46	*	*	*		
Christiansund ...	1017.2	54	W	3	b	1015.5	-2	55	+3	SE	1	SW	b	3	1	55	48	*	*	*		
Skudenes ...	1015.1	61	MNW	4	b	1011.9	-1	64	+10	E	4	-	c	2	1	64	52	*	*	*		
Færder (X'ania Fjord) ...	1014.4	64	SSW	4	b	1018.7	+2	66	+3	SE	3	-	bc	1	1	66	63	*	*	*		
The Scaw (Skagen) ...	1015.8	70	W	1	b	1017.2	+2	66	0	SSE	1	-	m	1	1	79	52	*	*	*		
Blaavands Huk ...	1015.7	73	SSW	1	b	1013.1	0	72	+6	SE	3	-	b	3	1	77	54	*	*	*		
NORTHERN EUROPE.																						
Haparanda ...	1008.2	59	SW	4	bc	1017.7	+3	59	+2	W	4	SW	b	*	6	64	50	*	*	*		
Hernösand ...	1014.9	61	W	2	c	1023.7	+4	61	+2	N	2	-	b	*	1	64	46	*	*	*		
Stockholm ...	1013.5	75	SSW	2	b	1020.6	+3	68	-4	-	0	-	b	*	1	82	61	*	*	*		
Wisby ...	1017.1	70	SSW	4	b	1021.1	+3	73	+5	SW	2	-	b	*	1	73	59	*	*	*		
Karlstad ...	1013.7	79	WSW	4	b	1019.0	+4	66	-2	ESE	4	-	bc	*	1	82	59	*	*	*		
St. Petersburg ...	1018.7	64	NW	1	b	1022.3	?	66	+5	W	1	-	b	*	?	70	55	*	*	*		
CENTRAL EUROPE.																						
Berlin ...	1016.0	79	-	0	b	1016.8	0	73	0	SE	2	-	b	*	1	82	64	*	*	*		
Frankfurt ...	1012.0	84	SE	1	b	1011.8	0	72	+6	SE	1	SW	m	*	1	86	61	*	*	*		
Munich ...	1012.3	73	E	2	b	1012.6	0	64	-4	NE	3	-	c	*	1	79	54	*	*	*		
Vienna ...	1016.2	87	E	2	bc	1017.1	+1	61	-2	EME	1	-	b	*	1	79	55	*	*	*		
Cuxhaven ...	1013.6	73	E	3	b	1011.8	-2	70	0	ESE	4	-	b	1	1	79	64	*	*	*		
The Helder ...	1011.7	72	NE	2	b	1007.0	-1	70	-2	SE	3	S	c	1	1	79	70	*	*	*		
Brussels ...	*	*	*	*	*	1006.9	0	73	0	SW	1	-	b	*	1	88	68	*	*	*		
SOUTHERN EUROPE.																						
C. Gris Nez ...	1008.6	80	SE	1	bc	1006.3	0	66	-10	S	5	*	c	2	Trace	86	64	*	*	*		
La Hève ...	?	73	ESE	2	m	1005.6	*	64	-9	SW	4	*	o	3	1	90	63	*	*	*		
Ushant ...	1006.1	59	SSE	3	tlr	1006.1	*	59	0	SW	3	*	o	3	1	81	55	*	*	*		
Brest (St. Mathieu) ...	1008.2	63	SE	3	m	1007.4	0	59	-5	SW	3	*	m	2	1	90	57	*	*	*		
Rochefort (Ile d'Aix) ...	1009.3	72	E	2	c	1009.6	+3	66	-2	W	2	*	o	*	11	86	64	*	*	*		
Biarritz ...	1009.7	71	WNW	5	4	1009.9	+1	67	-7	WNW	3	*	o	2	Trace	88	64	*	*	*		
FRANCE.																						
Paris ...	1009.1	81	E	2	b	1009.0	+1	72	-3	S	2	-	b	*	1	90	61	*	*	*		
Belfort ...	1010.3	84	-	0	c	1011.41																





**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.

**NO WARNINGS  
ISSUED.**

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

0 { a } Southerly winds, light or moderate; much cloud, some mist or fog,  
b } rain at times, thunder locally; moderately warm.

1 { a }  
b }  
2 { a } Wind mainly Southerly or South-Westerly, light or moderate;  
b } mostly cloudy or overcast, some rain, thunderstorms locally;  
3 { a }  
b } temperature becoming lower.  
4 { a }  
b }  
5 { a }  
b }

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

7 { a } Southerly to South-Westerly winds, light or moderate; much  
b } cloud generally, occasional rain, thunderstorms locally; moderate  
8 { a } temperature. Local mist on coast.  
b }

9 { a } Wind between South and West, light or moderate; changeable,  
b } some rain, thunder locally; moderate temperature.  
10 { a }  
b }

Southerly and South-Westerly winds, light or moderate; sea slight or smooth; some rain, thunder locally, mist or fog at times.

Millibar inches

1050 31

1040

1030

1020

1010

1000

990

980

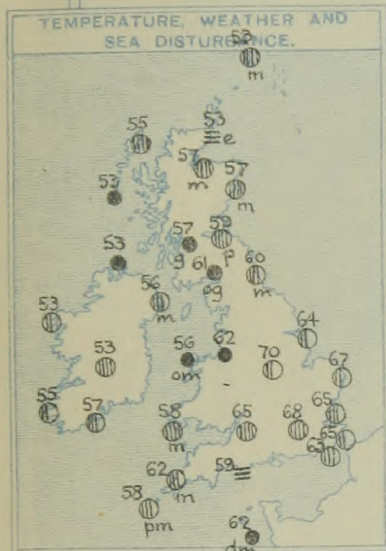
970



# SYNOPTIC CHART FOR 7 a.m., Thursday, 2<sup>nd</sup> JULY, 1914.

## GENERAL INFERENCE.

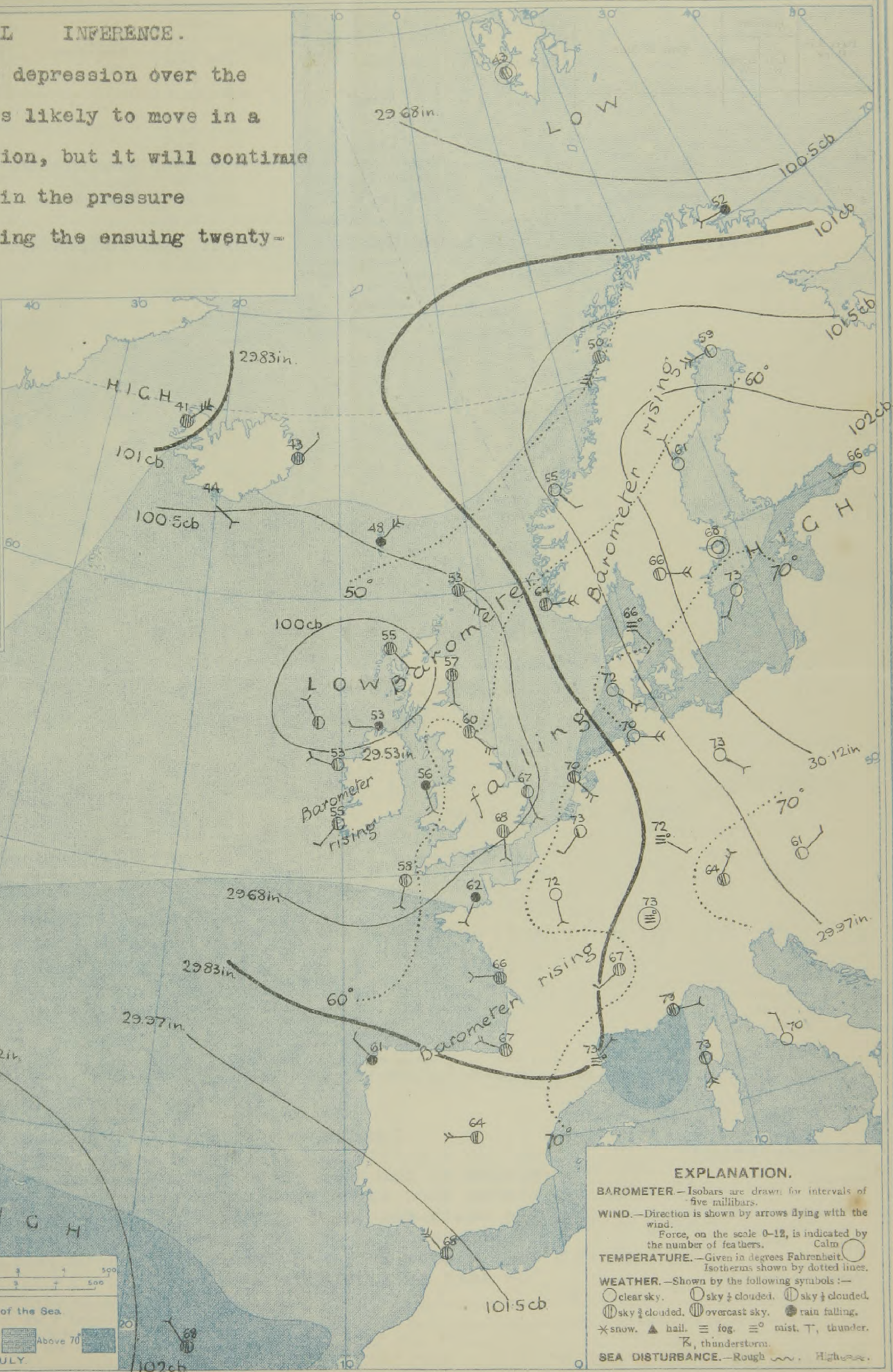
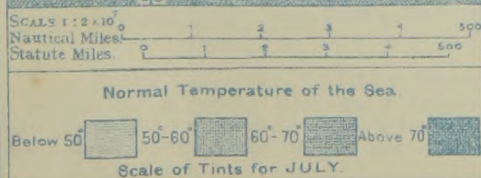
The shallow depression over the United Kingdom is likely to move in a northerly direction, but it will continue the main factor in the pressure distribution during the ensuing twenty-four hours.



31  
Inches.

30

29



## 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 ~~~~~.



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward H- omeward	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward H- omeward	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading	Change in 3 hours.	Dir.	Force.	
					mb.	±		(0-12).							mb.	±		(0-12).	
2nd 7 a.m.	55	11	Virginian	H	1001.7	-1	NW	1-3	bc	1st 7 a.m.	54	22	Lake Manitoba	O	1006.4	-3	WSW	1-3	c
1st 6 p.m.	55	15	Virginian	H	1007.4	0	SW	1-3	o	"	55	20	Virginian	H	1007.8	?	S	4-5	o
"	55	11	Tunisian	H	?	?	SE	4-5	o	"	55	15	Tunisian	H	1005.7	-7	SSW	4-5	c

## 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.	
Scotland	Banff ...	mm. §	° F.	° F.	b	bc. od	Hr.	England, S.E.	Margate ...	mm. §	° F.	° F.	b	b	Hr.
	Oban ...	0.3	62	47	cr. o	bc	10.0		Ramsgate ...	—	80	66	b	b	11.9
	Stonehaven ...	0.3	61	47	c	cp	6.4		Folkestone ...	—	78	63	b	b	12.0
	Carnoustie ...	2	60	51	*	*	3.5		Hythe ...	—	79	66	b	b	13.0
	St. Andrews ...	1	59	52	*	*	1.5		Littlestone ...	—	82	58	b	b	12.5
Eng. N.E.	Harrogate ...	35	59	52	b	b. ot. r	0.4	Hastings ...	*	*	*	*	*	*	12.4
	Scarborough ...	8	75	56	o	c. b	7.8	Bexhill-on-Sea ...	—	82	65	b	b	2.4	
	Skegness ...	1	67	50	p. bc	c. u. b. p	10.3	Eastbourne ...	—	75	65	b	b	11.4	
Eng. N.W.	Douglas (I. of M.) ...	—	72	56	g	c. d	9.5	Seaford ...	—	73	61	b	b. bc	11.2	
	Morecambe ...	1	65	54	bc. c	c. o. t. r. d	4.4	Brighton ...	—	88	60	b	b	10.8	
	Blackpool ...	4	70	55	c. b	c. o. t. r. d	4.3	Worthing ...	—	78	60	b	b. bc	10.9	
	Southport ...	6	69	54	m. c. bc	o. c. bc	1.0	Littlehampton ...	—	78	58	b	b. o	11.0	
Mid. lands.	Buxton ...	8	75	56	b	b. ot. r	5.0	Bognor ...	—	73	59	b	b. v	10.7	
	Leamington Spa ...	1	78	52	c. b	c. b. ot	9.9	Southsea ...	—	74	59	b	b	10.2	
	Malvern ...	27	83	57	rl. bc	ot. l	6.8	Ryde ...	—	72	61	bc	bc	9.1	
	Rhyl ...	10	83	59	o. bc	bc. t. r	9.5	Ventnor ...	—	79	60	*	*	9.5	
Wales	Colwyn Bay ...	5	69	53	m. bc. b	b. t. r. b	3.5	Bournemouth ...	2	77	65	tr. b	bc	12.0	
	Llandudno ...	3	64	56	bc. rt	bc	2.3	Weymouth ...	—	82	61	b	c	8.7	
	Bettws-y-Coed ...	1	67	55	c. b	c. t. r	3.0	Exmouth ...	—	76	65	bc. c	ot. c	8.0	
	Aberystwyth ...	1	66	57	c. b	c. t. r	6.5	Teignmouth ...	1	74	58	b. bc. ct	cp. bc	7.0	
England, E.	Tenby ...	—	74	55	bc. t	b	8.8	Torquay ...	1	76	59	b	bc. c. bc	7.5	
England, S.W.	Cromer ...	—	81	60	b	bc. b. o	11.0	Paignton ...	—	76	59	b	bc. c. bc	7.5	
	Lowestoft ...	—	76	60	b	bc. b	12.5	Plymouth ...	5	76	58	bc	tr. bc	6.6	
	Felixstowe ...	—	72	61	bm	bc. m	13.4	Falmouth ...	2	71	58	p. bc. t	bc. t	7.3	
	Walton-on-Naze ...	—	73	63	bz	bz. bz	13.3	Bude ...	—	78	56	m. bc	bc. c. c	8.7	
	Southend-on-Sea ...	—	85	63	b	b	13.0	Ilfracombe ...	1	78	56	f. t. p. c	c. bc	5.0	
		—	85	63	b	b	13.0	Weston-super-Mare ...	3	83	58	b	b. t. bc	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.		Max.	Min.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	36	77	11.2	92	64	0.3	b. bc	bc. c	op. o
City (Bunhill Row) ...	*	9.7	9.7	*	*	*	*	*	*
Westminster (St. James's Pk.) ...	41	80	11.2	88	67	62	bc	bc	bc. u
Camden Sq. (Brit. Rainfall) ...	37	70	10.9	94	68	63	b	bc	*
Hampstead (Reservoir) ...	*	78	10.8	87	65	60	bc	c	c
Richmond Park ...	*	*	10.5	*	*	*	*	*	*
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.)		37 74		1933 Joules		32.6 Milli-watts		80.0 Milli-watts.	

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.			Sun- shine for Yester- day.
		Max.	Min.	Night.	Fore- noon.	After- noon.	
Dublin to 4 p.m.	-	64	56	55	c. o	od. c	c. b
Darwen to 9 p.m.	9	76	51	48	bc. o	bc	ot. r. bc
Manchester "	*	*	*	*	*	*	*
Birmingham "	28	83	60	43	c. r	b	b. t. r
Oxford to 8 p.m.	*	87	60	53	b. bc	bc. p. bc. t. bc	*
S. Kensington (Museum Grounds to 8 p.m.)	-	90	65	55	bc. c	c	c

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

2nd & 3rd July, 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	3.26	11.57	8.17
	3.37	11.57	8.17
Greenwich ...	3.49	12.4	8.18
	3.50	12.4	8.18
Wick ...	3.12	12.16	9.19
	3.14	12.16	9.18
Valencia ...	4.27	12.45	9.2
	4.28	12.45	9.2

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 90° at South Kensington, and to 85° or a little higher in some other parts of England. The minima of the night were above 60° at many stations. Thunderstorms were experienced very extensively over England and in the south-west of Scotland, the accompanying rain being heavy in places. Bright sunshine was again very prevalent except at some places in North Wales, the north-west of England, and the east 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.

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.

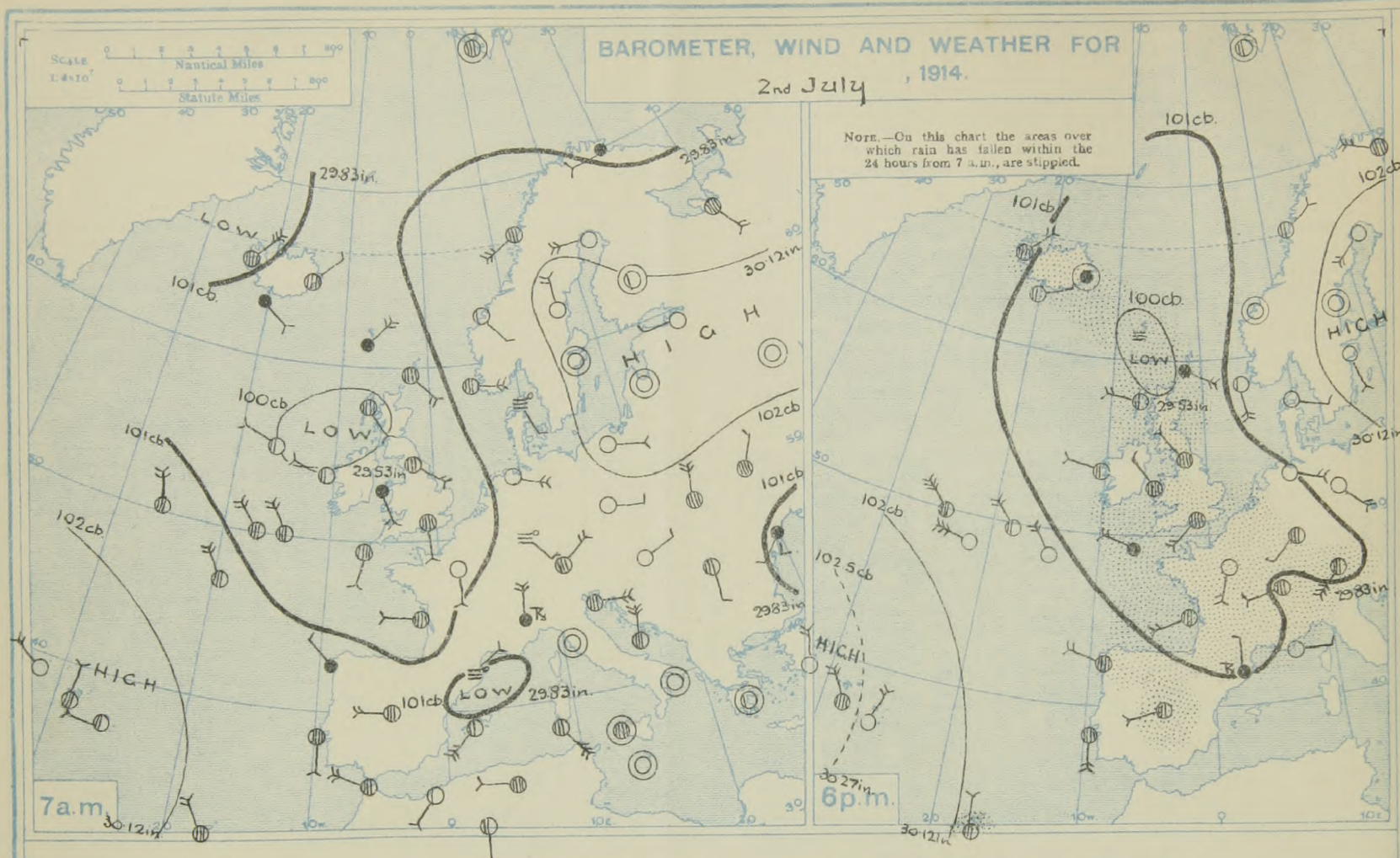


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,  
3rd July 1914.

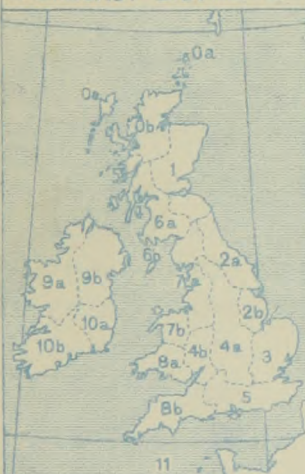
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.  Hours.
		BAROM. Milli- bars at M.S.L.	TEMP.  °F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours	TEMP.		WIND.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
				Direc.	Force 0-12.				Dry Bulb. °F.	Change in 24 hours. °F.						Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.																							
Lerwick ...	1002.7	56	SE	4	r	1007.1	+4	52	-1	HW	2	-	om	3	22	61	51	c.bomg	mr	mr.f.p	*		
Stornoway ...	1003.0	56	WNW	3	bc	1008.4	+4	52	-3	WNW	2	-	o	2	0.2	59	47	o.cdp	adp.bc	bc.o	3.3		
Castlebay (Barra'sd.)	1004.1	55	WNW	3	bc	1008.7	+2	52	-1	SW	2	SW	bc	2	0.4	57	48	r.o.c	c.bc	bc	6.4		
Glasgow ...	1003.5	57	WSW	3	og	1008.6	+3	51	-6	W	2	-	o	*	5	63	51	r.o.p	o.c.o	c.bc.op	1.7		
Eskdalemuir ...	1003.0	62	SW	3	bc	1008.7	+3	49	-12	HW	2	S	op	*	13	62	49	r.o	o.c	c.op	2.4		
Malin Head ...	1004.2	54	WNW	3	bc	1009.3	+4	53	0	NW	4	NW	bc	4	2	57	51	bcv	bcv	bcgp	6.3		
Blacksod Point ...	1006.0	56	WNW	2	bc	1012.5	+4	54	+1	NW	2	NW	bcv	2	-	59	46	bc.cmp	bm.bc	bcv	*		
Valencia ...	1008.1	58	NW	4	bv	1014.5	+2	55	0	WNW	2	NW	bc	3	0.2	59	53	bc	bcv	bcv	12.1		
ROCHE'S POINT.																							
Birr Castle ...	1005.7	60	NW	4	o	1014.3	*	54	-3	NW	2	-	b	1	Trace	65	48	c.o	og	c.b	*		
Donaghadee ...	1005.2	61	W	2	c	1012.4	*	57	+4	W	1	-	b	*	-	65	51	c	c	c.b	5.6		
Liverpool (Bidston)	1005.3	55	NNE	2	c	1009.5	+3	52	-4	W	2	-	bc	1	-	61	52	c	c	c.om	*		
Holyhead ...	1004.2	59	NW	2	r	1008.8	*	53	-4	WNW	4	W	r	3	22	68	52	opt	c.op	or	3.8		
Pembroke (St. Ann's)	1005.1	56	NW	1	og	1010.8	+4	55	-1	NW	5	NW	og	4	7	63	54	cp.bc.o	cp.bc.r	op.ero	1.7		
Newquay ...	1004.7	55	NW	3	o	?	+6	52	-6	NW	4	NW	og	2	12	61	51	og	mr	op	0.0		
Scilly (St. Mary's)	1004.9	56	NW	4	omr	1012.1	+7	57	-5	NW	6	NW	bc	5	20	64	52	bcf.op	omr	or.cup	1.3		
Jersey (St. Aubin)	1006.1	55	NW	3	op	1013.4	+4	55	-3	NW	5	NW	bc	4	5	60	53	cmp	cp	co.bc	0.0		
Portland Bill ...	1006.2	62	SSW	2	o	1011.1	*	59	-3	W	3	W	o	2	3	64	56	amde	omr.o	omr.op	0.1		
Dungeness ...	1005.1	59	WSW	3	op	1007.1	+4	57	-2	WNW	5	NW	o	4	6	61	55	f.o	op	p.or	*		
Dover ...	1007.6	63	SW	3	o	1007.0	0	61	-2	SW	1	-	og	1	2	63	60	og.o	c.o	ort.o	*		
Wick ...	1007.0	61	SSW	2	c	1006.9	*	62	-3	SSW	1	-	om	?	20	?	?	bc.c.b	b.bc.a	c.or.om	6.6		
WICK.																							
Nairn ...	1001.2	57	NW	2	o	1008.6	+4	50	-3	NW	1	-	r	2	8	58	49	fe.omr	omr.f.p	omomr	*		
Aberdeen ...	1001.2	63	-	0	om	1008.3	*	51	-6	-	0	-	r	1	7	64	50	mr	om	bc.r	0.2		
Leith ...	1002.0	65	SW	1	o	1007.3	+2	51	-6	WNW	3	-	r	2	6	65	61	c.omtp	omtp	o.c.or	0.4		
Tynemouth ...	1002.6	65	W	2	o	1007.8	+4	53	-6	W	2	-	og	*	12	67	52	or	o.c.o	c.c	*		
Spurn Head ...	1002.9	66	NW	2	og	1007.1	+4	53	-7	NW	2	-	omr	2	10	68	52	ben	otr	omp	2.5		
Yarmouth ...	1004.0	65	SSE	2	bc	1005.4	+1	65	+1	S	2	-	cm	2	-	70	59	am	bc	cti	3.5		
CLACTON-ON-SEA.																							
Nottingham ...	1004.6	71	S	3	bam	1006.9	0	63	-4	SW	2	-	omr	1	0.2	73	62	bc	ben	bc.o	11.2		
Bath ...	1005.4	71	SSE	3	bc	1006.4	0	64	-1	WNW	1	W	bc	0	10	74	61	c	bc	cp.bc	7.2		
London (Kew Obs.)	1003.0	71	SSW	3	b	1006.6	*	58	-12	NW	3	NW	o	*	-	77	58	bc.c.o	o.c.b	bc.o	6.9		
ICELAND, FAERØE, &c.																							
Spitzbergen ...	1004.4	66	S	1	r	1008.4	*	55	-10	N	4	N	r	*	15	68	54	o	or	r.or	1.2		
Isafjord ...	1003.9	69	SW	3	o	1006.6	+1	61	-7	SE	2	-	omr	*	3	74	59	om.o.co	o	o.omr	1.1		
NORTHERN EUROPE.																							
Reykjavik ...	1018.9	39	-	0	bc	1014.3	+3	39	-4	SW	2	*	o	*	-	45	36	*	*	*	*		
Vestmanna ...	1007.8	46	M	3	o	1007.9	0	46	-4	E	1	*	c	*	*	*	*	*	*	*	*		
Seydisfjord ...	1006.6	50	ENE	1	bc	1007.1	0	47	+3	-	0	*	c	0	*	*	*	*	*	*	*		
Thorshavn ...	1008.6	47	-	0	r	1006.7	0	45	+2	NE	1	*	c	*	*	*	*	*	*	*	*		
Vardö ...	999.3	49	-	0	f	1004.0	+3	49	+1	WSW	4	*	m	*	*	*	*	*	*	*	*		
CENTRAL EUROPE.																							
Christiansund ...	1017.2	50	WNW	5	o	1022.9	+3	50	-2	NW	5	-	bc	3	*	55	39	*	*	*	*		
Skudesnaes ...	1019.4	52	NE	2	bc	1017.3	0	68	+18	E	4	-	b	2	-	68	48	*	*	*	*		
Færder (X'iania Fjord)	1011.8	73	-	0	b	1011.8	0	72	+17	-	0	-	b	2	-	73	54	*	*	*	*		
The Scau (Skagen)	1011.4	68	SSE	4	b	1010.6	0	66	+2	SSE	6	-	m	3	-	73	64	*	*	*	*		
Blaavands Huk ...	1016.7	72	-	0	bc	1018.1	0	68	+2	E	2	-	b	1	-	72	64	*	*	*	*		
Haparanda ...	1015.9	73	ESE	1	b	1015.9	0	66	0	ESE	4	SE	b	3	-	79	63	*	*	*	*		
Hernösand ...	1010.6	77	SE	6	bc	1010.1	0	73	+1	SE	4	-	bc	?	-	82	67	*	*	*	*		
Stockholm ...	1021.9	59	SW	4	b	1024.7	0	61	+2	SW	6	NW	b	*	-	68	52	*	*	*	*		
Wisby ...	1024.0	63	-	0	b	1025.2	0	63	+2	-	0	-	b	*	-	68	48	*	*	*	*		
Karlstad ...	1021.2	75	SSE	2	b	1022.3	0	73	+5	E	2	-	b	*	-	?	?	*	*	*	*		
St. Petersburg ...	1021.9	66	WNW	2	b	1021.7	-1	73	0	E	2	-	b	*	-	75	59	*	*	*	*		
Berlin ...	1017.9	81	SE	2	b	1020.8	+1	68	+2	ESE	4	-	b	*	-	84	63	*	*	*	*		
SOUTHERN EUROPE.																							
Frankfurt ...	1012.4	81	SE	3	b	1012.0	0	77	+4	SE	3	-	b	*	-	84	66	*	*	*	*		
Munich ...	1008.0	81	SW	1	c	1009.2	+1	68	-4	SW	2	SW	m	*	-	86	61	*	*	*	*		
Vienna ...	1009.6	73	SW	6	c	1009.1	0	66	+2	SW	2	-	c	*	3	79	57	*	*	*	*		
Cuxhaven ...	1009.5	73	ESE	3	b	1008.4	0	68	-2	E	3	-	b	0	-	84	64	*	*	*	*		
The Helder ...	1007.5	70	-	0	b	1006.3	-2	66	-4	SE	1	-	o	1	5	79	64	*	*	*	*		
Brussels ...	1007.3	70	-	0	b	1007.3	+1	68	-5	WSW	1	-	b	1	1	84	61	*	*	*	*		
FRANCE.																							
C. Gris Nez ...	1006.9	66	SW	1	c	1007.3	+1	62	-4	-	0	*	f	1	3	72	59	*	*	*	*		
La Hève ...	1007.5	64	NE	2	o	1010.3	*	57	-7	WNW	5	*	o	5	4	75	55	*	*	*	*		
Ushant ...	1007.5	59	NW	3	b	1013.2	*	57	-2	NW	4	*	o	3	7	63	52	*	*	*	*		
Brest (St. Mathieu)	1007.7	57	NW	3	r	1013.1	+4	57	-2	WNW	4	*	bc	3	9	66	55	*	*	*	*		
Rocheport (le d'Aix)	1008.6	72	WSW	3	c	1014.9	+5	62	-4	NW	5	*	c	*	7	72	57	*	*	*	*		
Biarritz ...	1009.5	73	NE	2	c	1018.0	+5	64	-3	NW	4	*	bc	4	24	75	59	*	*	*	*		
Paris ...	1007.1	75	SSW	3	b	1009.3	+3	66	-6	SW	2	-	o	*	2	81	61	*	*	*	*		
Belfort ...	1011.8	64	WSW	2	c	1011.7	*	64	-9	WSW	3	*	c	*	1	88	56	*	*	*	*		
Lyons ...	1007.4	77	W	1	o	1012.6	*	60	-7	NW	1	*	o	*	21	86	59	*	*	*	*		
Nice ...	1010.9	88	E	1	b	1012.0	0	65	-14	-	0	*	c	2	Trace	84	63	*	*	*	*		
Perpignan ...	1008.6	66	M	1	flr	1013.9	+7	63	-10	W	3	W	o	*	13	79	57	*	*	*	*		
Sanguinaire ...	*	72	SW	5	f	*	*	72	-1	S	4	*	m	*	-	79	66	*	*	*	*		
SOUTHERN EUROPE.																							
Corunna (7 a.m.)	1013.9	63	WNW	3	o	1022.0	+5	61	0	WNW	1	-	b	1	13	64	55	*	*	*	*		
Madrid (8 a.m.)	1011.0	72	WSW	2	c	1016.4	+3	66	+2	-	0	W	bc	*	-	75	61	*	*	*	*		
Lisbon (9 a.m.)	1014.3	66	S	4	o	1019.0	+4	63	-1	WNW	4	-	b	5	-	68	61	*	*	*	*		





**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

**FURTHER OUTLOOK.**

- |    |   |   |   |
|----|---|---|---|
| 0  | a | } | Wind between North and North-West, light or moderate; some rain in places, then fair generally; temperature rather low. |
| 1  | b |   |   |
| 2  | a | } | Wind between West and North-West, light or moderate; some local showers, then fair generally and cooler.                |
| 3  | b |   |   |
| 4  | a | } | Same as Nos. 0 and 1.   |
| 5  | b |   |   |
| 6  | a | } | North-Westerly to Westerly winds, fresh to light; some local showers, but mostly fair; rather low temperature.          |
| 7  | b |   |   |
| 8  | a | } | North-Westerly to Westerly winds, light or moderate; fair generally; rather cool.                                       |
| 9  | b |   |   |
| 10 | a | } | North-Westerly or Westerly winds, fresh to light; sea moderate or slight; fair generally.                               |
| 11 | b |   |   |

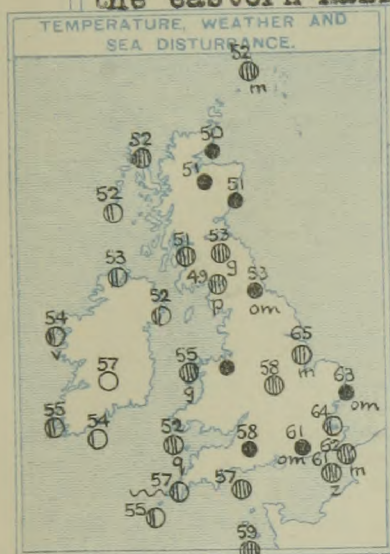
North-Westerly or Westerly winds, fresh to light; sea moderate or slight; fair generally.



# SYNOPTIC CHART FOR 7 a.m., Friday, 3<sup>rd</sup> JULY, 1914.

## GENERAL INFERENCE.

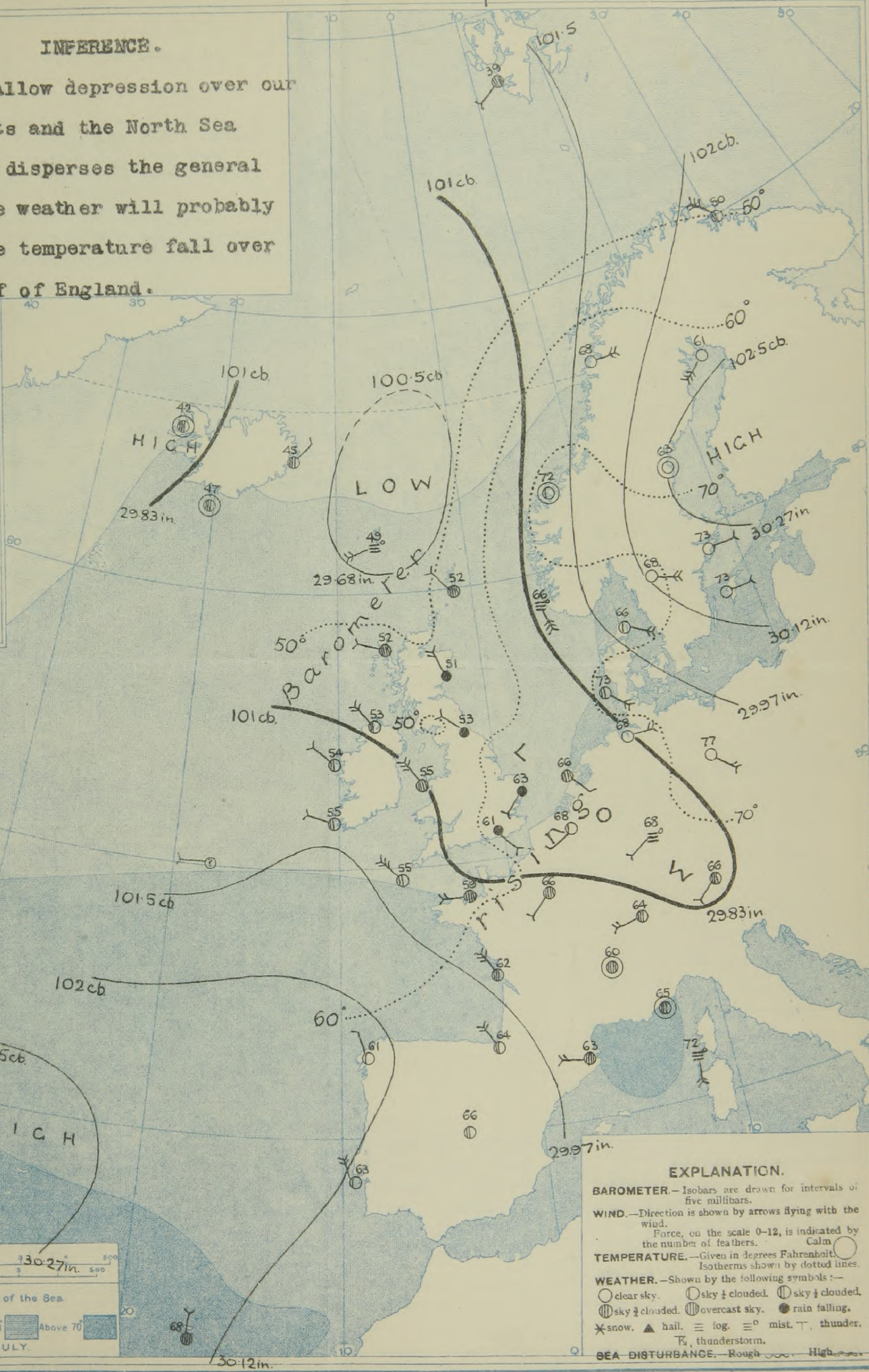
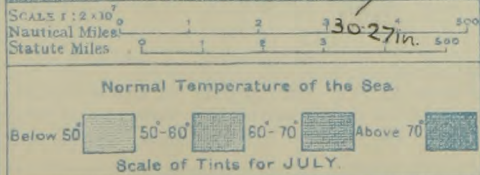
As the shallow depression over our eastern districts and the North Sea travels away or disperses the general condition of the weather will probably improve, and the temperature fall over the eastern half of England.



Inches.  
31

30

29



## 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 cloudy. ○ sky 3/4 cloudy.  
 ○ sky 3/4 cloudy. ○ overcast sky. ● rain falling.  
 \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 T, thunderstorm.

**SEA DISTURBANCE.**—Rough High



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
3rd 7am	50	18	Olympic	O	1014.5	-3	W	1-3	?	2nd 1p.m.	55	13	Lake Manitoba	H	1005.7	+2	WNW	1-3	bc
2nd 6p.m.	50	23	Montfort	H	1015.6	0	WNW	6-7	C	" 7p.m.	50	26	Montfort	H	1015.9	0	WNW	4-5	C
"	49	21	Sarania	O	1016.2	0	WNW	6-7	b	"	48	19	Philadelphia	H	1012.5	-1	NW	4-5	C
"	50	18	Arabic	O	1013.5	+5	WNW	4-5	bc	"	50	16	Coronia	H	1008.4	+3	WNW	4-5	C
"	49	14	Philadelphia	H	1012.5	0	NW	4-5	b	"	55	15	Lake Manitoba	H	1003.0	0	WNW	1-3	bc
"	55	12	Lake Manitoba	H	1008.4	+3	WNW	1-3	b	"	50	14	Arabic	O	1005.1	+3	NW	4-5	C

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	18	59	54	c.o	bc	0.0	England, S.E.	Margate	1	80	65	c.b	bc.b.bc	5.6
	Stonehaven	13	65	52	cm	tl.cm	0.2		Ramsgate	1	75	62	b	b	6.3
	Carnoustie	14	66	54	*	*	0.9		Folkestone	1	68	61	b.o	bc.o	6.5
	St. Andrews	16	69	54	*	*	1.9		Hythe	1	75	60	b	bc.o	6.7
	Banff	4	68	54	p.c.ort	*	1.2		Littlestone	1	*	*	*	*	6.4
Engl. N.E.	Harrogate	22	71	59	bc.ort	bc.fine	3.0	England, S.W.	Hastings	2	67	62	or.o	o.bc	2.1
	Scarborough	*	72	57	ortl	og	1.4		Bexhill-on-Sea	2	69	62	b	or	1.0
	Skegness	2	74	62	op	ctlr	7.0		Eastbourne	1	65	62	o.bc	bc.o	1.8
	Douglas (I. of M.)	10	64	54	b.c.p	bc	4.7		Seaford	1	73	61	0	o.c	1.5
	Morecambe	12	63	57	pt.bc	b.bc	3.3		Brighton	2	65	63	0	o.c.o	0.8
Engl. N.W.	Blackpool	17	65	58	otlr	c.o	3.0	Wales.	Worthing	1	66	63	0	bc	1.3
	Southport	10	65	57	otlr	bc.c.o	3.5		Littlehampton	0.3	70	62	0	o.bc	1.0
	Buxton	18	76	58	er.tlr	bc.tlr	4.2		Bognor	0.3	65	61	0	o.bc	1.3
	Leamington Spa	3	74	60	c.b	c.b.o	5.8		Southsea	1	67	62	0	o.c.b	1.3
	Malvern	24	71	61	o.c.bc	bc.c	3.0		Ryde	1	67	61	bc	bc	2.0
Mid-lands.	Rhyl	12	66	57	r.bc	er	2.7	England, S.W.	Ventnor	1	63	58	*	*	1.0
	Colwyn Bay	14	67	57	r.bc	er	2.3		Bournemouth	1	65	59	0	0	0.6
	Llandudno	26	67	56	or	op	1.3		Weymouth	1	66	60	oe	cp.o	0.3
	Bettws-y-Coed	2	69	56	c	op	3.5		Exmouth	6	69	62	bc.c	c.op	4.8
	Aberystwyth	21	64	58	r.o.c	c.or	3.2		Teignmouth	0.3	73	62	c.bc	bc.c.op	3.5
Wales.	Tenby	12	66	58	or	r	0.8	England, S.W.	Torquay	0.3	72	62	0	c.o	2.7
	Cromer	1	73	58	b	bc.tr.b	9.5		Paignton	4	71	61	0	bc.c	2.3
	Lowestoft	1	74	63	c.bc	bc.c	10.3		Plymouth	1	66	61	og	c.b.o	2.0
	Felixstowe	1	73	64	bc	bc	9.6		Falmouth	2	65	56	bcp	op	1.2
	Walton-on-Naze	1	72	64	c	bc.cgm	6.7		Bude	12	65	58	3.bcp.o	op	2.7
England, E.	Southend-on-Sea	1	78	65	bc	bc.b.bc	7.0		Ilfracombe	6	65	60	c.bcp.c	0	3.0
									Weston-super-Mare	4	68	61	o.c	c.bc	1.0

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rain-fall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Fore-noon.	After-noon.	Night.
Greenwich (Royal Obs.)	66	90	1.0	80	58	53	2	0	0.0
City (Bunhill Row)	*	*	1.0	*	*	*	*	*	*
Westminster (St. James's Pk.)	76	91	1.6	74	61	53	4	bc	or
Camden Sq. (Brit. Rainfall)	62	94	2.3	80	60	58	4	o.c	c.bc
Hampstead (Reservoir)	*	93	1.3	74	58	56	3	c	op
Richmond Park	*	*	1.8						
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.)				1383 Joules		233 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		Night Min. on Grass.	WEATHER.		Sunshine for Yesterday.
		In Screen.	Max.		Night.	Fore-noon.	
Dublin to 4 p.m.	0.3	65	57	56	0	c.b	c.or
Darwen to 9 p.m.	7	69	57	58	bc.ortl	c.om	bc.or
Manchester "	8	70	61	*	or.c	c.bc	bc.ortl
Birmingham "	0.3	73	61	56	*	c	c
Oxford to 8 p.m.	*	71	61	55	c.b.c	c.b.c	o.c
S. Kensington (Museum Grounds to 6 p.m.)	Trace	87	67	63	c.o	0	0

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

3rd & 4th July 1914.		Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T.	G.M.T.	G.M.T.	
	3.37	11.57	8.17	
Greenwich	3.38	11.57	8.16	
	3.50	12.4	8.18	
Wick	3.51	12.4	8.17	
	3.14	12.16	9.18	
Valencia	3.15	12.16	9.17	
	4.28	12.45	9.2	
	4.29	12.45	9.1	

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 75° or a little higher in some parts of England, but remained below 70° at most places in the west and north, and below 60° in some parts of Ireland and at Wick. Thunderstorms occurred in several localities, and the rainfall varied considerably. Bright sunshine was much less abundant than of late, but the south-east and east of England were again mostly bright.

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.

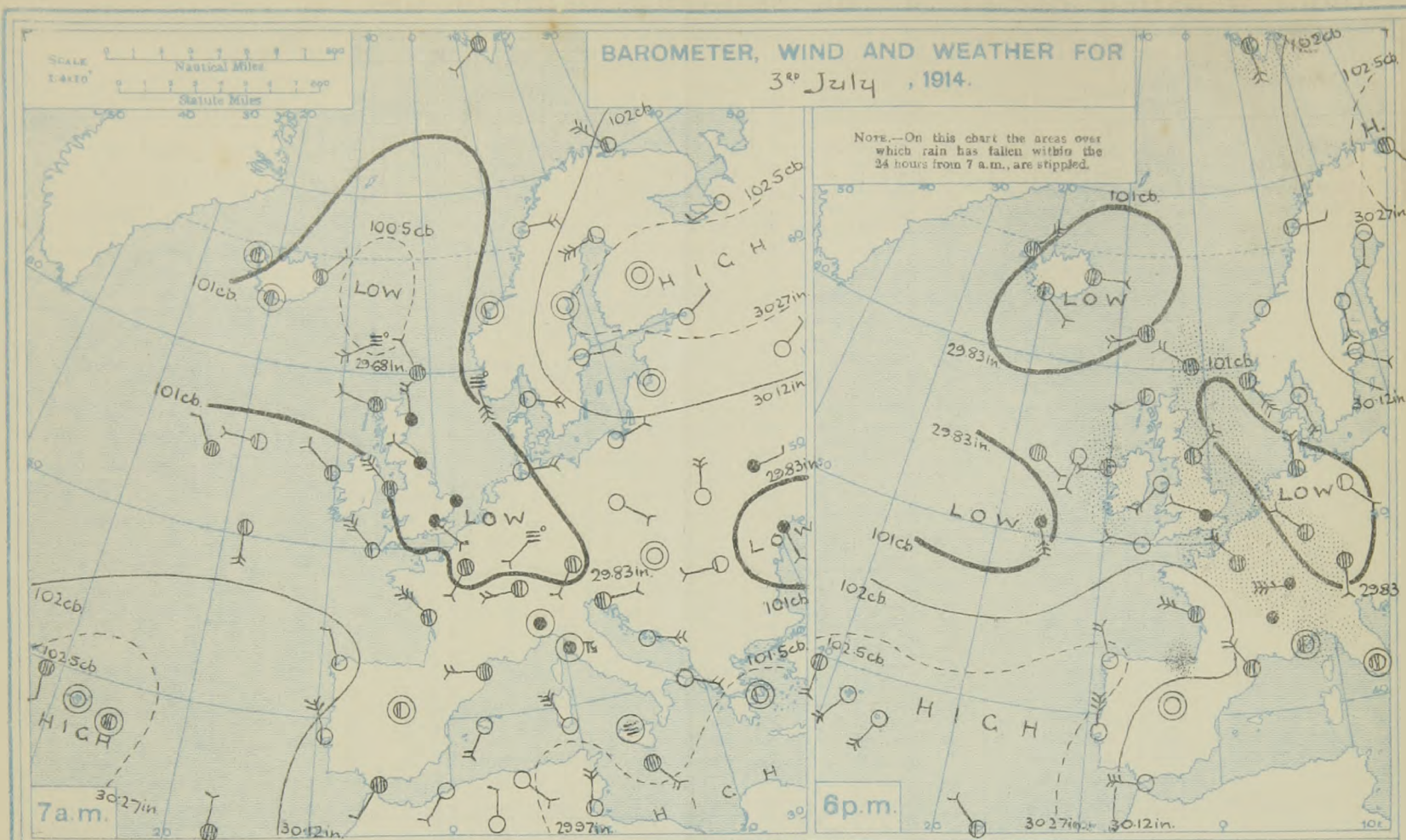


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday,  
4th July, 1914.

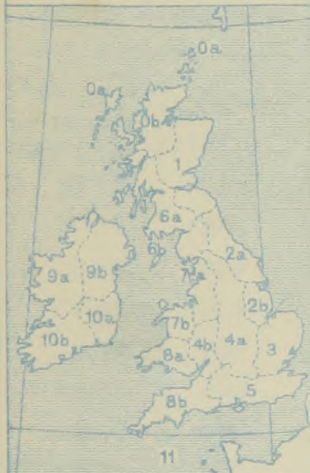
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.	
		Barom. Milli- bars at M.S.L.	Temp. °F.	Wind.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Temp.		Wind.	Direc. of Upper Cloud	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Temp.		Weather.			
				Direc.	Force 0-12.						Max.	Min.						Morning.	Afternoon.	Night.			
																					°F.		°F.
BRITISH ISLANDS.	Lerwick ...	1012.4	50	NW	3	o	1019.5	+3	51	-1	NW	2	NW	bc	2	8	53	46	omr	or.m	bc	*	
	Stornoway ...	1013.6	59	WSW	3	bc	1017.2	0	55	+3	SE	3	-	b	3	-	60	42	o.bc	bc	b	9.0	
	Castlebay (Barrisd.)	1014.7	55	SW	3	b	1015.5	-1	53	+1	ESE	4	-	c	4	-	57	50	bc.b	b	bc	13.6	
	Glasgow ...	1014.6	60	WNW	4	bc	1018.7	+1	49	-2	ESE	2	-	b	*	-	63	39	o.c.bc	bc.b	bc.b	10.7	
	Eskailemuir ...	1014.6	57	WNW	4	c	1019.0	0	52	+3	-	0	S	b	*	Trace	65	33	o.c	c	c.b	5.7	
	Malin Head ...	1015.0	57	NW	4	bc	1012.7	-4	54	+1	SSE	4	S	bc	3	-	59	48	bcv	bcv	bm.c	14.5	
	Blacksod Point	1016.4	58	WNW	2	bcv	1005.9	-6	53	-1	S	6	S	cmp	4	0.2	59	51	bcv	bcv	bw.cmp	*	
	Valencia ...	1017.3	58	S	2	ov	1005.7	-2	60	+5	SSE	5	-	omr	4	26	60	52	bc	c	omr	9.7	
	Roche's Point	1018.2	60	SW	3	o	1011.2	*	57	+3	S	6	-	d	6	7	62	52	bc	c.o	c.o.r.d	*	
	Birr Castle ...	1016.9	63	W	1	bc	1016.9	*	54	-3	SE	4	-	r	*	1	66	42	e	bc	c.or	11.4	
	Donaghadee ...	1016.8	57	N	3	bc	1016.9	-2	55	+3	SSE	3	S	bc	3	-	60	46	bc	bc	b.bc	*	
	Liverpool (Bidston)	1016.4	58	WNW	3	bc	1018.8	0	57	-1	SSE	1	-	bi	1	1	59	50	or	c.b	b	1.6	
	Holyhead ...	1017.8	60	SW	4	br	1018.6	-1	57	+2	S	5	-	bog	4	-	63	51	o.c.bc	bc.b	b.bc.c	10.0	
	Pembroke (St. Ann's)	1017.5	57	WNW	3	bc	1017.0	-5	56	+4	SSE	5	S	eq	3	-	58	52	bc	bc	bc	10.4	
	Newquay ...	1019.2	60	WNW	4	b	1017.8	-3	59	+2	SE	4	SE	c	2	-	61	47	b.bc	b.bcv	br.be	13.2	
	Scilly (St. Mary's)	1019.6	62	WNW	2	br	1017.2	-3	58	+3	S	5	S	op	5	-	63	54	bc	br	bcv.c	14.9	
	Jersey (St. Aubin)	1018.8	63	W	4	b	1021.5	*	58	-1	WSW	3	W	c	3	Trace	65	51	bc.c	c.bc.b	bc	9.0	
	Portland Bill ...	1017.1	61	WNW	4	b	1021.4	+1	57	0	WNW	2	-	bc	2	Trace	63	56	bcp	bc	b.bc	*	
	Dungeness ...	1013.0	58	NW	5	oqu	1018.3	+2	59	-2	NW	3	NW	bc	3	0.1	64	54	o.c	og	od.bc	*	
	Dover ...	1012.6	62	NW	6	o	1018.3	*	57	-5	NW	4	-	o	2	?2	62	53	m.o.c	bc.c	od.r.o	1.5	
ICELAND, FAEROE, &c.	Wick ...	1013.4	53	SSE	1	b	1019.0	+1	51	+1	NE	1	-	b	1	6	57	46	omr	or.bc	bcv.b	*	
	Nairn ...	1013.1	62	-	0	bc	1018.3	*	55	+4	-	0	-	b	0	5	62	39	d.bc	d.bc	v.bcp	4.4	
	Aberdeen ...	1013.4	58	NE	3	b	1019.3	+2	54	+3	-	0	SW	b	2	18	61	46	or.op	c.bc.b	b	4.6	
	Leith ...	1013.4	64	W	3	b	1018.6	+2	53	0	N	1	-	bz	*	-	67	44	o.c.bc	bc.b	b	*	
	Tynemouth ...	1014.3	56	NE	4	c	1019.3	+3	55	+2	N	1	-	b	2	6	60	48	op	bcp	bcv	1.1	
	Spurn Head ...	1014.1	57	WNW	4	r	1018.8	+3	57	-8	WNW	4	-	b	3	9	70	54	c.or	or	cp	0.9	
	Yarmouth ...	1011.8	58	WNW	4	o	1017.1	+3	57	-6	NW	3	NW	o	2	2	69	55	bcp	bcp	o	2.8	
	Clacton-on-Sea	1011.2	59	NW	5	o	1017.9	+3	56	-8	NW	3	M	c	2	2	70	54	cp.bcp	bcp.c.o	op.c	7.4	
	Nottingham ...	1014.9	56	WNW	2	r	1019.1	*	52	-6	WSW	1	-	bm	*	3	59	47	adm	mr	dm.c	0.0	
	Bath ...	1016.9	63	WNW	3	c	1020.0	*	58	+3	-	0	-	b	*	1	65	42	r.op	o.bc.c	c.bom.b	2.3	
London (Kew Obs.)	1015.7	56	WNW	2	r	1020.1	+1	55	-6	W	2	SW	bm	*	9	69	52	omr.cug	ogd.or.od	od.bc.c	0.2		
NORTHERN EUROPE.	Spitzbergen ...	1017.9	38	S	4	c	1018.3	+1	40	+1	WNW	1	*	c	*	3	43	34	*	*	*	*	
	Isafjord ...	1010.1	47	NE	4	o	1011.9	+2	51	+9	-	0	*	bc	*	*	*	*	*	*	*	*	
	Reykjavik ...	1009.0	52	-	0	o	1010.6	+1	49	+3	E	2	*	o	0	*	*	*	*	*	*	*	
	Vestmanna ...	1008.0	49	SE	2	bc	1009.9	+2	45	-2	-	0	*	c	*	*	*	*	*	*	*	*	
	Seydisfjord ...	1009.0	51	E	2	c	1013.5	+3	43	-2	-	0	*	f	*	*	*	*	*	*	*	*	
	Thorshavn ...	1010.0	53	WSW	3	c	1018.3	+3	49	0	-	0	*	b	*	*	*	*	*	*	*	*	
	Vardö ...	1025.3	46	SSE	2	c	1022.7	-3	52	+2	SSE	3	W	b	2	*	52	45	*	*	*	*	
	Bodö ...	1017.5	73	E	1	b	1019.0	+1	73	+5	E	2	-	b	2	-	79	66	*	*	*	*	
	Christiansund	1013.5	75	-	0	b	1017.1	+4	66	-6	-	0	-	b	2	-	82	64	*	*	*	*	
	Skudesnaes ...	1012.0	72	SE	6	c	1018.9	0	70	+4	E	4	-	c	2	6	75	61	*	*	*	*	
CENTRAL EUROPE.	Færder (Xania Fjord)	1016.2	73	-	0	c	1019.3	0	68	0	EME	2	-	b	1	-	75	64	*	*	*	*	
	The Scaw (Skagen)	1014.7	79	SSE	3	b	1016.8	+1	68	+2	EME	3	-	b	3	-	82	64	*	*	*	*	
	Blaavands Huk	1010.0	79	SE	3	c	1012.2	+1	70	-3	ESE	3	SE	bc	1	-	84	63	*	*	*	*	
	Haparanda ...	1023.5	68	SSW	2	b	1026.1	0	64	+3	SSW	2	-	b	*	-	70	54	*	*	*	*	
	Hernösand ...	1024.3	66	S	2	b	1025.3	0	68	+5	-	0	-	b	*	-	70	50	*	*	*	*	
	Stockholm ...	1021.2	73	ESE	2	b	1020.8	0	75	+2	EME	2	-	b	*	-	77	61	*	*	*	*	
	Wisby ...	1019.5	75	ENE	4	b	1018.4	0	77	+4	ESE	2	SW	bc	*	-	79	63	*	*	*	*	
	Karlstad ...	1019.0	81	SE	2	b	1020.4	0	70	+2	NNE	2	-	b	*	-	86	59	*	*	*	*	
	St. Petersburg	1023.8	73	ENE	1	b	1024.0	0	72	+4	E	1	-	b	*	-	81	63	*	*	*	*	
	FRANCE.	Berlin ...	1008.3	84	SE	2	b	1011.4	+2	72	-5	E	3	NW	b	*	-	88	66	*	*	*	*
Frankfurt ...		1009.0	77	NW	2	c	1016.3	+4	57	-11	W	3	-	r	*	14	82	54	*	*	*	*	
Munich ...		1008.7	64	S	2	o	1016.6	+2	54	-12	W	6	-	r	*	46	79	54	*	*	*	*	
Vienna ...		1000.3	68	-	0	bc	1008.1	+2	66	-2	W	3	-	c	*	-	79	64	*	*	*	*	
Cuxhaven ...		1007.9	70	N	4	c	1012.0	+1	68	0	W	2	-	bc	0	-	82	63	*	*	*	*	
The Helder ...		1016.7	63	W	2	o	1014.7	+3	61	-5	NW	3	-	m	1	1	70	59	*	*	*	*	
Brussels ...		*	*	*	*	*	1015.9	+4	57	-11	WNW	1	-	o	*	9	75	55	*	*	*	*	
C. Gris Nez ...		1012.2	59	NW	5	o	1018.3	+3	57	-5	NW	5	*	o	4	Trace	64	55	*	*	*	*	
La Hève ...		1013.1	63	NW	5	o	1020.7	*	56	-1	NW	3	*	b	4	-	75	54	*	*	*	*	
Ushant ...		1022.6	58	WNW	3	c	1019.9	*	57	0	SSW	4	*	o	3	-	65	52	*	*	*	*	
SOUTHERN EUROPE.	Brest (St. Mathieu)	1021.9	61	NW	3	bc	1021.5	+1	59	+2	SSW	3	*	c	3	-	66	57	*	*	*	*	
	Rochefort (Ile d'Aix)	1021.2	63	WNW	5	c	1023.7	?	59	-3	ESE	2	*	bc	*	-	73	55	*	*	*	*	
	Biarritz ...	10																					





### 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 to South-Westerly winds, fresh or strong at times; fine to unsettled, some rain and mist; moderate temperature

North-Westerly breezes, backing Westerly and South-Westerly, and freshening somewhat; very fine at first, cloudy to showery later, some mist; humid atmosphere, moderate temperature.

South-Easterly to South-Westerly winds, fresh or strong at times; unsettled, some rain and mist, fair periods; moderate temperature.

South-Westerly winds, fresh at times; sea slight to rather rough; cloudy, some rain and mist; moderate temperature.

#### FURTHER OUTLOOK.

Millib. Inches

1050 — 31

1040

1030

1020

1010

1000

990

980

970

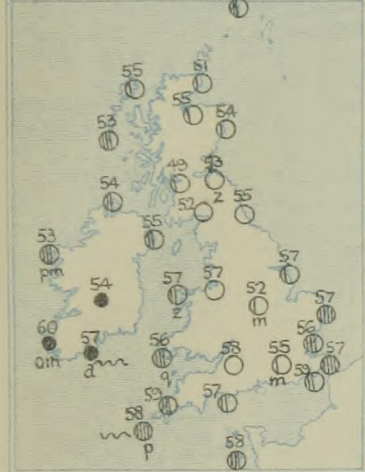


# SYNOPTIC CHART FOR 7 a.m., Saturday, 4<sup>th</sup> JULY, 1914.

## GENERAL INFERENCE.

A depression to the westward of Ireland will bring an unsettled state of the weather to all parts of the British Isles within the ensuing twenty-four hours.

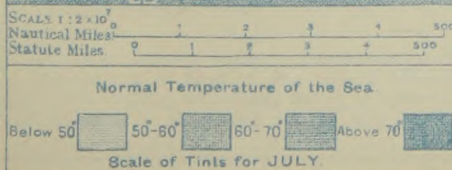
### TEMPERATURE, WEATHER AND SEA DISTURBANCE.



31

30

29



## 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.

SEA DISTURBANCE.—Rough wavy. High wavy.



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
					mb.	†		(0-12).							mb.	†		(0-12).	
4th 7 a.m.	55	12	Corsican	H	1002.4	-3	ESE	6-7	r	3rd 7 a.m.	54	22	Corsican	H	1011.2	0	rw	1-3	0
3rd 6 p.m.	55	17	do	H	1010.8	-1	ESE	1-3	o	"	55	18	do	H	1012.5	-8	w	1-3	bc
"	50	15	Montfort	H	1006.4	-7	SSE	6-7	r	"	50	18	Montfort	H	1014.5	-8	S	4-5	c
"	55	13	Teutonic	H	1014.5	+1	SSW	1-3	b	"	55	14	Sardinian	H	1014.9	+1	W	4-5	b
"	55	11	Sardinian	H	1019.3	+1	SW	4-5	b	"	55	9	Lake Manitoba	H	1013.2	+1	w	1-3	bc

## 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.	
Scotland	Oban	mm. §	° F.	° F.			Hr.	England, S.E.	Margate	mm. §	° F.	° F.			Hr.
	Stonehaven	13	61	50	cr	c.b	6.6		Ramsgate	0.3	69	61	c.b.c	bc.o	4.8
	Carnoustie	11	60	52	bc	bc	5.0		Folkestone	1	68	62	o.c	c.o	5.1
	St. Andrews	5	64	52	*	*	0.0		Hythe	2	66	59	o	o	0.7
	Bangor	15	55	50	r	bc	3.4		Littlestone	*	*	*	*	*	2.2
Eng. N.E.	Harrogate	10	62	51	c.o	c.o.c.c	0.0	England, S.W.	Hastings	6	63	55	or.c	o	0.2
	Scarborough	*	59	54	o	or	0.0		Bexhill-on-Sea	8	64	55	bc	omr	0.8
	Skegness	1	66	53	gd	gd.r	0.6		Eastbourne	0.3	73	55	o	o	0.4
	Douglas (I. of M.)	2	62	51	bc	bc	9.0		Seaford	11	64	55	o	o	0.3
Eng. N.W.	Morecambe	8	63	55	o	bc	1.5	England, S.W.	Brighton	1	64	60	o	o.c.o	0.6
	Blackpool	6	62	54	r.o*	o.c	1.1		Worthing	2	65	57	o	o.c.o	0.1
	Southport	9	59	54	or.c	c.o.c	0.5		Littlehampton	4	68	52	o	o	0.1
Mid-lands.	Buxton	6	61	51	cr	c	0.4	England, S.W.	Bognor	5	62	56	op	op	0.0
	Leamington Spa	10	56	54	or	or.bc	0.1		Southsea	2	60	58	o.ep	o.cd	0.0
	Malvern	12	60	52	no	c.bc	1.0		Ryde	1	61	56	p	p	0.0
Wales.	Rhyl	11	61	53	bc	bc	4.0	England, S.W.	Ventnor	*	*	*	*	*	2.8
	Colwyn Bay	8	62	52	r.bc	b	5.2		Bournemouth	3	65	55	n.o.	c.b	1.0
	Llandudno	10	64	53	c	bc	6.0		Tunbridge Wells	4	72	54	c.d.u.e	o	5.5
	Bettws-y-Coed	-	67	53			3.8		Weymouth	11	68	55	r.o.p.c	bc.b	8.5
	Aberystwyth	9	60	55	p.o.c	c.b	6.5		Exmouth	6	65	56	c.b.c	b	8.3
England, E.	Tenby	3	64	53	bc.b	b	9.9	England, S.W.	Teignmouth	6	65	56	c.b.c	b	8.9
	Cromer	3	71	54	c.bc.o	c.oru	1.5		Torquay	5	67	55	bc	b	?
	Lowestoft	5	70	57	c.bc	bc.c.o	4.3		Paignton	6	66	55	bc.b	bc	10.0
	Felixstowe	0.3	71	60	bc	bc.o	7.4		Plymouth	3	64	54	b	c.br	12.7
	Walton-on-Naze	2	69	60	cr.bc	c.bc.og	5.7		Falmouth	7	65	54	bc	b	9.9
England, E.	Southend-on-Sea	1	74	56	o.bc	bc.o	4.5		Bude	7	62	54	c.bc	b	8.4
									Ilfracombe	4	66	55	o.c.bc	bc.b	2.8
									Weston-super-Mare	12	65	55	o.c.bc	bc.b	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.						
	%	%	Hr.	° F.	° F.	° F.	mm. §			
Greenwich (Royal Obs.) ...	86	64	1.9	76	54	53	0.3	c.o	or.o	o.bc
City (Bunhill Row) ...	*	*	0.6	*	*	*	*	"	"	"
Westminster (St. James's Pk.)	96	73	0.5	68	54	54	1	or	or	oe.bc
Camden Sq. (Brit. Rainfall)	98	63	0.4	70	54	53	3	or.o	o.or.	*
Hampstead (Reservoir) ...	*	69	0.0	65	52	52	.6	or	bc	bc
Richmond Park ...	*	*	0.2							
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.)				86		64		0.1		
				416.1 Joules		7.0 Milli-watts.		58 Milli-watts.		

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

4th & 5th July 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.38	11.57	8.16
	3.39	11.57	8.16
Greenwich	3.51	12.4	8.17
	3.51	12.4	8.17
Wick	3.15	12.4	9.17
	3.16	12.16	9.16
Valencia	4.29	12.45	9.1
	4.29	12.45	9.1

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 70° or a little above at a few places in England. Rainfall ranged up to 18 millimetres at Aberdeen, and 26 millimetres at Valencia. The duration of bright sunshine varied greatly. Some stations had none, while Malin Head had 14½ hours, and Scilly 15 hours. As far west as the 25th meridian ships experienced light to moderate Westerly breezes, backing into South and South-East, with fine to cloudy weather and some rain.

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.

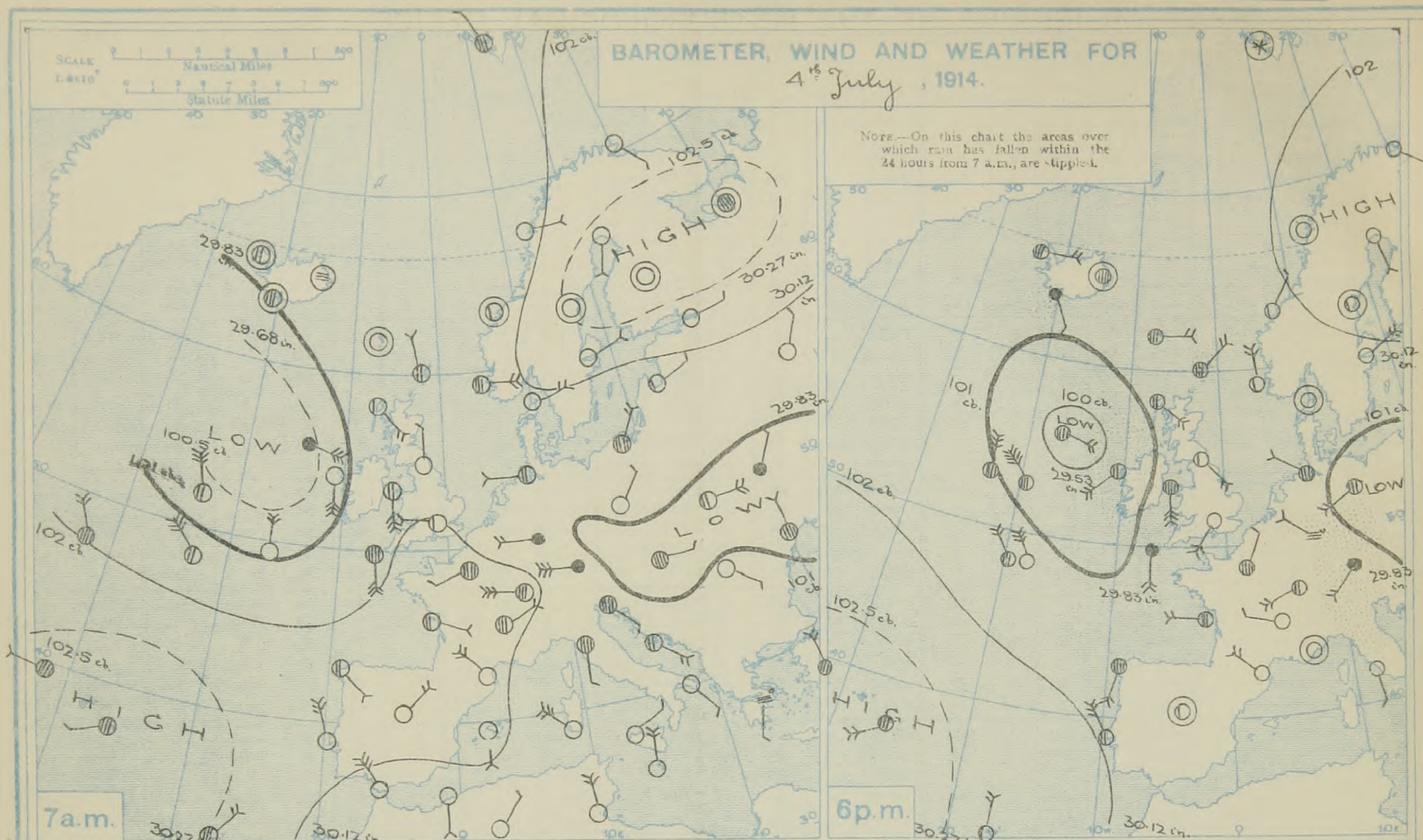


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday  
5th July, 1914.

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.			
				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.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick ...	1017.3	54	NE	3	c	1011.8	-3	54	+3	NW	1	NW	bc	1	0.4	60	51	bc	bc	m. fd	*
	Stornoway ...	1011.2	60	SE	4	bc	1007.9	0	59	+4	SE	3	-	c	3	-	65	55	b. bc	bc.	c	10.0
	Castlebay (Barra Isd.)	1008.6	56	ESE	4	op	1005.8	0	55	+2	ESE	4	-	o	4	5	59	53	c. opq.	opq.	op. r. o	3.1
	Glasgow ...	1012.6	64	E	2	c	1009.4	-2	52	+3	ENE	4	-	og	*	-	64	49	b. bc	c	c. o	9.5
	Esksdalemuir ...	1013.3	60	SE	3	bc	1010.2	0	51	-1	N	2	-	o	*	-	64	46	c	c. o. c	c. o	11.7
	Malin Head ...	1005.3	56	SSE	8	r	1004.8	-1	51	0	S	3	-	c	2	2	58	52	cmpq.	cmpq.	cu	0.5
	Blackrock Point ...	1002.3	59	SW	5	bcq	1001.4	0	55	+2	SW	4	SW	cpm	4	4	63	52	cmp	cmp. bc	cpm	*
	Valencia ...	1006.1	59	SW	4	bc	1006.8	0	53	-7	SW	4	-	op	4	3	62	52	omr	cu	cp	3.0
	Roche's Point ...	1007.6	58	SSW	4	o	1008.0	*	54	-3	WSW	2	W	b	3	7	60	49	d. rm	om	c. b	*
	Birr Castle ...	1005.2	62	SSW	3	c	1005.6	*	53	-1	S	2	-	bc	*	12	63	46	op	r. c	cp. bc	0.5
	Donaghadee ...	1011.4	57	SSE	4	og	1007.2	-2	54	-1	SSE	4	-	orm	4	8	58	54	c	og	orm	*
	Liverpool (Bidston) ...	1012.6	67	SE	3	b	1009.3	-1	55	-2	SE	3	-	r	3	1	70	55	b	b	o	13.6
	Holyhead ...	1012.4	63	S	5	ovq	1008.5	0	57	0	S	3	-	orm	2	6	63	51	bc. c. bc	c. o. c	o. orm	6.0
	Penbroke (St. Ann's) ...	1010.9	56	SSW	6	o	1007.8	+2	53	-3	NNW	4	NNW	og	3	22	58	53	bcq	or	og	0.7
	Newquay ...	1012.0	57	SW	4	r	1008.2	+4	57	-2	NW	4	N	o	4	17	63	54	o	or	ot. opq.	0.3
ICELAND, FAEROE, &c.	Scilly (St. Mary's) ...	1010.8	56	S	4	orm	1009.2	+3	56	-2	NW	5	NNW	bc	5	22	59	53	orm	orm	orm. bc	0.0
	Jersey (St. Aubin) ...	1016.9	64	SSE	3	c	1010.9	*	57	-1	SSE	3	-	ogrm	2	3	65	56	bc. b	b. bc	o. ogm	8.8
	Portland Bill ...	1016.7	59	SSE	3	c	1009.6	-3	57	0	SSE	5	-	or	5	4	62	55	bc	bc. c	cr. or	*
	Dunegness ...	1017.7	62	WSW	4	b	1013.0	-2	61	+2	SE	3	-	c	3	-	66	56	bc	bc	bc	*
	Dover ...	1015.1	61	SW	3	b	1012.4	*	62	+5	S	2	S	b	2	?	68	52	bc. b	bc. b	b	6.4
	Wick ...	1016.3	52	ESE	3	bc	1011.3	+2	53	+2	SSE	3	-	b	4	-	65	49	og. bc	bc	bc. tm	*
	Nairn ...	1012.2	66	-	0	bc	1009.7	*	61	-6	E	1	-	bm	2	-	7	43	bc	q. bc	bc	10.5
	Aberdeen ...	1016.4	56	E	3	b	1012.0	0	56	+2	SSE	3	-	c	2	-	62	50	b	b	bc. c	14.4
	Leith ...	1013.4	61	E	3	bc	1009.7	-2	58	+5	E	3	-	bc	*	-	66	51	c. bc	bc. c	c. bc. c	*
	Tynemouth ...	1015.7	58	SE	3	b	1012.1	-1	58	+3	SW	1	-	c	2	-	60	51	b	bc	bc	13.7
	Spurn Head ...	1015.9	59	E	4	b	1012.9	-1	61	+4	SSE	2	-	b	3	-	64	54	bc	b	bc	14.7
	Yarmouth ...	1016.8	61	NE	3	bc	1012.5	0	58	+1	WSW	2	SW	bc	1	-	68	56	o. bc	bc	bc	9.1
	Clacton-on-Sea ...	1015.6	67	SSE	3	bc	1012.5	-2	58	+2	W	1	NNW	bc	0	-	73	51	b. bc	bc. c. bc	bc. c. bc	7.6
	Nottingham ...	1014.4	68	S	3	b	1011.3	*	58	+6	SE	1	SE	c	*	-	71	50	b	b	b	13.8
	Bath ...	1015.6	65	SSW	4	bc	1010.5	*	56	-2	SE	4	SE	o	*	4	67	55	m. b. bc	c. bc. b	bc. c. or	13.0
London (Kew Obsy.)	1015.9	71	SW	4	by	1011.8	0	58	+3	SE	2	NE	o	*	Trace	73	49	bm. b	b. bv	bv. bc. bc	14.3	
NORTHERN EUROPE.	Spitzbergen ...	1016.4	39	-	0	s	1013.3	0	37	-3	SSE	8	*	s	*	14	43	34	GALES. Duration and Extreme Force in British Islands.  Malin Head. 2pm-7pm. SSE 8.			Hours.
	Isafjord ...	1012.7	53	F	3	c	1016.7	+2	53	+2	SW	3	*	c	*	*	*	*				
	Reykjavik ...	1014.0	53	S	1	c	1016.8	+2	48	-1	-	0	*	c	*	*	*	*				
	Vestmanna ...	1013.5	48	SSE	1	r	1015.7	0	47	+2	-	0	*	o	*	*	*	*				
	Seydisfjord ...	1016.4	53	-	0	o	1017.2	0	47	+4	E	1	*	o	*	*	*	*				
	Thorshavn ...	1019.0	53	ESE	3	c	1013.2	-3	47	-2	NE	4	*	f	*	*	*	*				
CENTRAL EUROPE.	Vardö ...	1021.5	59	SE	1	b	1021.5	+3	57	+5	NNW	6	-	b	4	-	59	45	GALES. Duration and Extreme Force in British Islands.  Malin Head. 2pm-7pm. SSE 8.			Hours.
	Bodö ...	1022.3	66	-	0	b	1023.1	0	72	-1	E	2	-	b	2	-	77	55				
	Christiansund ...	1019.9	75	NE	1	b	1017.2	0	72	+6	-	0	-	b	2	-	75	61				
	Skudesnaes ...	1015.8	72	N	4	b	1013.7	0	73	+3	E	4	-	b	2	-	75	70				
	Færder (Xaniafjord) ...	1017.0	68	NE	2	c	1015.8	-6	70	+2	NE	4	-	c	2	-	75	68				
	The Scaw (Skagen) ...	1015.5	75	-	0	b	1012.3	-2	70	+2	NNE	3	-	c	3	-	77	66				
	Blaavands Huk ...	1013.2	81	SE	2	b	1011.1	-2	66	-4	WSW	1	-	r	0	Trace	82	59				
	Haparanda ...	1024.0	75	S	2	b	1025.2	0	73	+9	S	2	-	b	*	-	82	54				
FRANCE.	Hernösand ...	1024.6	73	-	0	b	1023.4	0	70	+2	N	2	-	b	*	-	73	54	GALES. Duration and Extreme Force in British Islands.  Malin Head. 2pm-7pm. SSE 8.			Hours.
	Stockholm ...	1019.0	75	ENE	4	b	1016.7	-1	72	-3	NE	4	-	b	*	-	81	68				
	Wishby ...	1015.1	75	NE	4	b	1012.0	-2	75	-2	ENE	4	-	b	*	-	81	64				
	Karlstad ...	1017.6	82	ESE	4	b	1016.4	-1	75	+5	NE	6	-	b	*	-	86	86				
	St. Petersburg ...	1021.0	75	NE	2	b	1022.1	+1	70	-2	E	1	-	m	*	-	84	64				
	Berlin ...	1009.1	77	WSW	3	c	1006.0	-2	64	-8	NW	1	-	o	*	6	84	63				
	Frankfurt ...	1015.4	61	NW	2	m	1011.5	-1	59	+2	W	2	-	o	*	13	70	55				
	Munich ...	1017.0	54	SW	3	r	1013.9	-1	54	0	SW	4	-	r	*	14	55	52				
	Vienna ...	1010.9	61	W	5	c	1010.3	0	59	-7	W	4	-	o	*	-	72	61				
	Cuxhaven ...	1012.8	68	NW	2	o	1010.1	-1	63	-5	SW	1	-	r	0	1	73	63				
SOUTHERN EUROPE.	The Helder ...	1015.3	59	WNW	3	o	1012.0	-1	59	-2	NNW	1	-	c	1	-	63	57	GALES. Duration and Extreme Force in British Islands.  Malin Head. 2pm-7pm. SSE 8.			Hours.
	Brussels ...	*	*	*	*	*	1008.4	-1	57	0	SW	2	-	o	*	1	57	55				
	C. Gris Nez ...	1017.3	60	SW	4	b	1012.7	-1	62	+5	S	4	-	bc	2	-	63	52				
	La Hève ...	1017.3	63	N	1	b	1013.3	*	57	+1	SE	3	-	o	3	-	75	58				
	Ushant ...	1011.9	57	S	6	r	1009.2	*	55	-2	NW	3	-	o	4	-	64	52				
	Brest (St. Mathieu) ...	1016.4	55	SSE	4	o	1010.6	+1	57	-2	NNW	4	-	o	4	-	66	55				
	Rochefort (Ile d'Aix) ...	1019.4	66	WNW	3	c	1011.4	-2	59	0	NW	4	-	o	*	2	75	59				
	Biarritz ...	1013.3	66	NE	2	b	1013.5	-1	64	+2	NW	1	-	o	2	-	73	61				
	Paris ...	1018.1	64	ENE	1	o	1014.3	0	57	-2	SSE	1	-	o	*	-	68	56				
	Belfort ...	1017.3	64	WSW	4	bc	1015.7	*	52	-2	-	0	-	o	*	-	70	48				
Lyons ...	1018.1	64	NW	1	b	1015.0	0	60	+1	-	0	-	o	*	-	70	51					
Nice ...	1010.9	70	-	0	b	1009.1	0	64	0	-	0	-	c	2	-	79	59					
Perpignan ...	1017.2	72	NW	3	b	1014.3	-1	63	-1	W	1	W	o	*	-	75	54					
Sanguinaire ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	GALES. Duration and Extreme Force in British Islands.  Malin Head. 2pm-7pm. SSE 8.			Hours.
Corunna (7 a.m.) ...	1019.3	70	SSW	4	o	1016.6	+2	59	+5	WNW	2	-	r	3	-	70	54					
Madrid (8 a.m.) ...	1015.5	79	-	0	b	1014.1	0	68	+4	-	0	-	bo	*	-	81	57					
Lisbon (9 a.m.) ...	1020.0	72	NNW	5	bc	1018.3	-1	64	+1	WSW	2	-	o	5	-	75	61					
Gibraltar ...	1012.0	70	S	1	b	1011.7	0	64	-4	E	2	-	-									

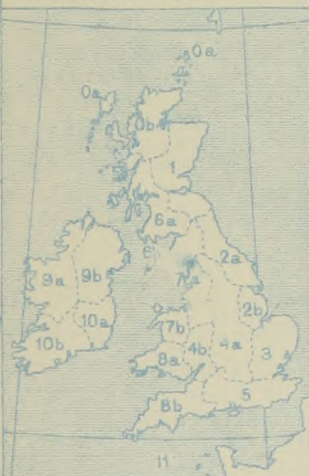




### PILOT BALLOON ASCENTS for the PAST WEEK.

Component Velocities to East and to North in Metres per Second.

#### 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

#### FURTHER OUTLOOK.

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.
		S. Farnborough 29th	7h.	Aberdeen 29th	8h.	Upavon 29th	9h.	Upavon 30th	9h.	S. Farnborough 30th	11h.	S. Farnborough 1st	15h.	S. Farnborough 4th	7h.
Heights in Kilometres.	8													+4	-11
	7													0	-8
	6													0	-3
	5													-1	-2
	4	+8	-3	+20	-6					+6	+9			+1	-3
	3	+6	-3	+17	-9			0	+5	+3	+7			+1	-2
	2	+5	-4	+12	-9			+2	+2	+2	+5	0	+8	+1	+1
	1	+2	-2	+7	+1	0	0	+1	+6	-1	+6	-1	+7	+4	0
	0.5	0	-3	+2	+3	0	-4	0	+5	0	+5	-3	+12	+5	-4
	0	+2	-1	-3	+1	+2	-1	0	+4	+3	+3	-3	+11	+1	0
Station	Date & Hour.	Estkdalemun 4th		11h.											
Heights in Kilometres.	3														
	2														
	1														
	0.5														
	0														

Millim. Inches

1050 31

1040

1030

1020

1010

1000

990

980

970

960

950

940

930

920

910

900

890

880

870

860

850

840

830

820

810

800

790

780

770

760

750

740

730

720

710

700

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680

670

660

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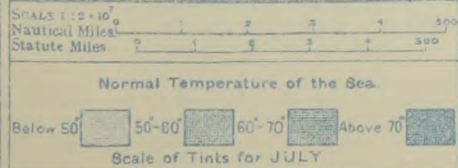
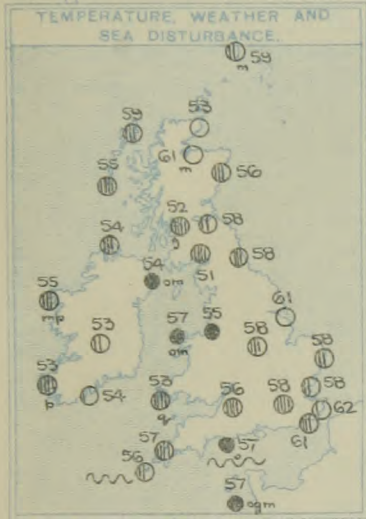
630

620

610



## JULY, 1914.



EXPLANATION.

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

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

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

TEMPERATURE.—Given in degrees Fahrenheit.

WEATHER.—Shown by the following symbols:—

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

☁ sky ½ clouded, ☁ overcast sky, ☂ rain falling.  
 ✕ snow, ✕ hail, ☄ fog, ☄ mist, ☄ thunder.

\* snow, ▲ hail, ≡ fog, ≡<sup>o</sup> mist, T, thunder.  
T<sub>2</sub>, thunderstorm.

SEA DISTURBANCE.—Rough . High .



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
5th 7 a.m.	54	21	Colgarion	O	1023.0	+11	NW	6-7	0	4th 6 p.m.	52	19	Caledonia	H	1007.4	-2	NW	8-9	c
" "	55	14	Numbion	O	993.9	-3	ESE	4-5	0	" 3 p.m.	48	19	Minneapolis	H	1012.2	+3	WNW	4-5	c
" "	54	14	Caledonia	H	996.6	-3	WNW	8-9	0	" 6 p.m.	48	18	Zealand	H	1015.6	0	NW	6-7	b
" "	49	13	Zealand	H	1014.2	-3	NW	6-7	r	" "	55	16	Colgarion	O	999.3	+2	ESE	4-5	o
" "	49	11	Minneapolis	H	1013.5	0	NW	1-3	c	" 7 a.m.	51	23	Caledonia	H	1009.0	+1	NW	6-7	bc
" "	55	6	Laurentic	H	1004.7	0	SSW	1-3	0	" "	48	22	Zealand	H	1014.1	+1	NW	6-7	bc
4th 6 p.m.	52	22	Ascanid	H	1015.9	+1	N	6-7	0	" "	49	15	Minneapolis	H	1015.9	+1	NNW	4-5	b

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		mm. §	° F.	° F.			Hr.	Margate ...		mm. §	° F.	° F.			Hr.
Stonehaven ...		-	61	49	*	*	9.7	Ramsgate ...		5	70	56	bc	bc	6.8
Carnoustie ...		-	61	49	*	*	9.7	Folkestone ...		0.3	67	54	o	b	7.3
St. Andrews ...		-	61	49	*	*	9.7	Hythe ...		1	68	53	bc	bc	4.2
England, N.E.								Littlestone ...		*	*	*	*	*	6.8
Harrogate ...		-	68	64	b	b, bc	10.5	Hastings ...		1	66	53	op, bc, b	bc	9.1
Scarborough ...		*	62	50	b	b	13.1	Bexhill-on-Sea ...		-	67	54	bc	bc	10.8
Skegness ...		1	62	50	b	b	13.1	Eastbourne ...		-	64	55	bc	b	11.3
England, N.W.								Seaford ...		1	63	53	b	b	12.5
Douglas (I. of M.) ...		-	71	45	b	b	13.3	Brighton ...		-	66	53	b	b	12.5
Morecambe ...		-	71	45	b	b	13.3	Worthing ...		-	66	48	b	b	13.2
Blackpool ...		-	70	46	bc, b	b, bc	13.7	Littlehampton ...		-	70	47	b	b	13.4
Southport ...		-	70	46	bc, b	b, bc	13.7	Bognor ...		-	64	46	b	bc	13.6
Mid-lands.								Southsea ...		-					
Buxton ...		-	65	46	b	b	13.7	Ryde ...		-					
Leamington Spa ...		-	69	48	b	b	12.7	Ventnor ...		-			*	*	
Malvern ...		-	67	46	bc	bc, r	12.0	Bournemouth ...		-	65	45	b	b	13.0
Wales.								Lymington Wells ...		-	72	53	b	b	10.0
Rhyl ...		-	70	43	b	bc	13.8	Weymouth ...		-	65	49	bc	bc, c	11.1
Colwyn Bay ...		-						Exmouth ...		-					
Llandudno ...		-						Teignmouth ...		-	65	46	c, bc	c, or	3.5
Bettws-y-Coed ...		-	66	47	o, c, b	b, o	5.7	Torquay ...		-					
Aberystwyth ...		-	63	35	o, bc	or	2.0	Paignton ...		-	65	44	bc	bc, o	6.1
Tenby ...		1	63	35	o, bc	or	2.0	Plymouth ...		7	63	46	bc	c, b, ou	3.5
England, E.								Falmouth ...		9	61	51	bc, o	org	0.3
Cromer ...		1	63	55	c, b	b	10.0	Bude ...		1	64	45	w, bc, c	c, or	2.6
Lowestoft ...		-	72	62	bc	bc	9.6	Ilfracombe ...		1	67	50	bc, c	c, or	5.5
Felixstowe ...		-	70	54	b, bc	c, o, bc	6.7	Weston-super-Mare ...		-					
Walton-on-Naze ...		-	70	54	b, bc	c, o, bc	6.7								
Southend-on-Sea ...		3	69	54	bc, b	b	10.0								

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rain-fall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.
	%	%		Max.	Min.				
Greenwich (Royal Obs.) ...	40	60	12.3	77	45	33	b	b, bc	bc, o
City (Bunhill Row) ...	*	*	12.3	*	*	*	*	*	*
Westminster (St. James's Pl.)	43	77	12.9	73	51	47	bc	bc	bc, o
Camden Sq. (Brit. Rainfall)	44	53	11.7	77	50	47	b	b	*
Hampstead (Reservoir) ...	*	68	12.1	71	52	41	bc	e	bc
Richmond Park ...	*	*	13.6						
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
				Total.	Average Rate.		Max. Rate.		
				Joules	Milliwatts.		Milliwatts.		
S. Kensington (Roof of M.O.)	39	69	12.8						

## Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	
		Max.	Min.			
Dublin to 4 p.m.	0.3	60	53	49	c, o	agu
Darwin to 9 p.m.	-	67	46	41	bc, w	bc
Manchester "	-	68	46	34	*	c
Birmingham "	-	68	46	34	*	c
Oxford to 8 p.m.	*	70	45	39	o, bc, b	b, bc, b
S. Kensington (Museum Grounds to 6 p.m.)	0.4	73	53	53	c, b	bc, b

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

5th July, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 3.38 3.39	G.M.T. 11.57 11.58	G.M.T. 8.16 8.16
Greenwich ...	3.51 3.52	12.4 12.5	8.17 8.16
Wick ...	3.16 3.18	12.16 12.17	9.6 9.15
Valencia ...	4.29 4.30	12.45 12.46	9.1 9.0

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 70° in various parts of the Kingdom, and in most districts there was much bright sunshine. In the south-west of England and Wales and in Ireland there was much cloud, with rain; 22 millimetres at Scilly and Pembroke. Wireless reports show that as far west as the 23rd meridian the wind was mainly North-Westerly, its force varying from a light to a strong breeze.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; o. 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.



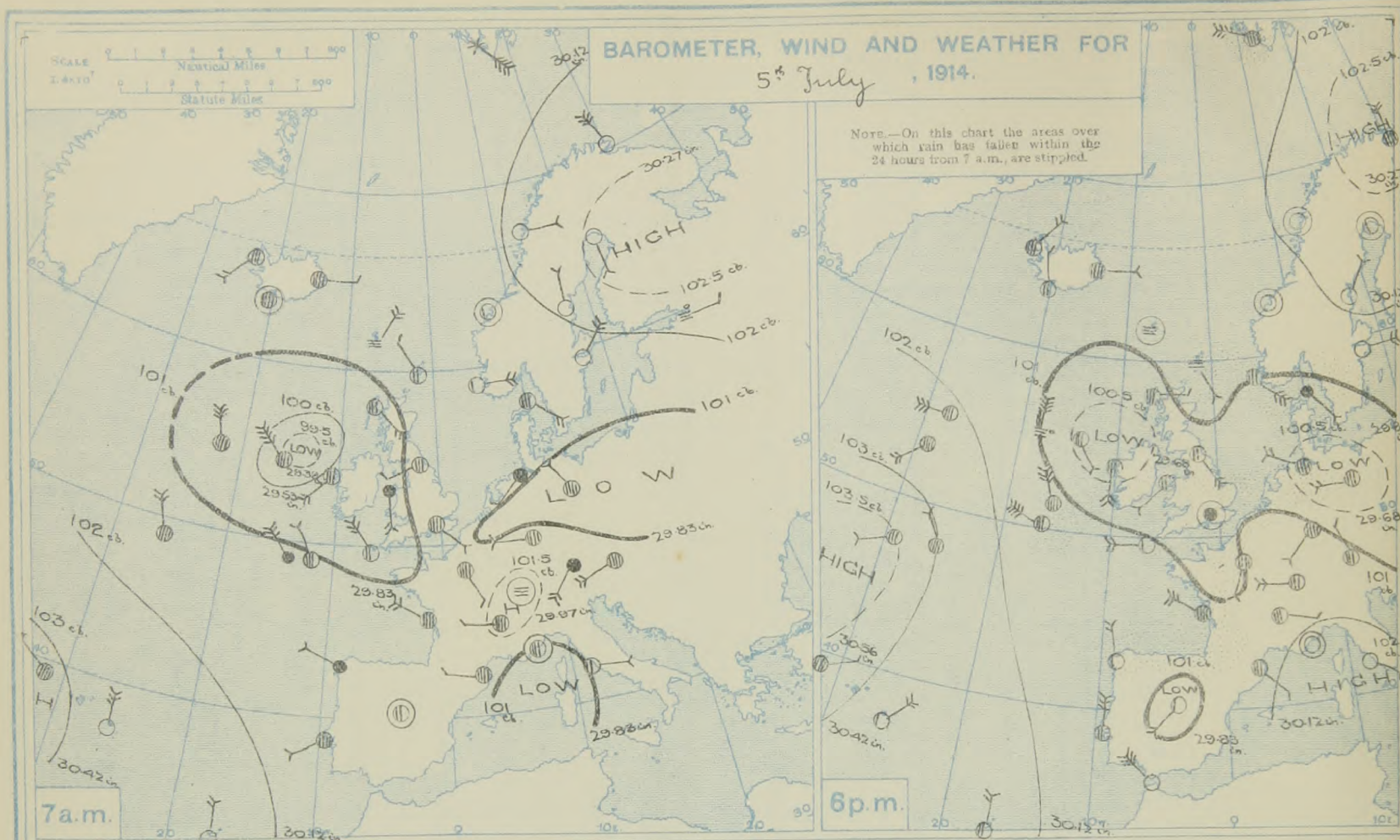
Monday,  
6th July, 1914.

1,000 millibars are equivalent  
to 14½ lbs. per square inch  
(in Lat. 45).

100 millibars to one pound  
and a half per square inch.

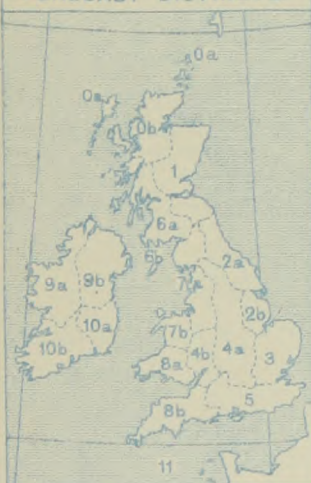
‡ The barometric change is expressed in half-millibars





**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.

South Cone.   
North Cone. 

Signals hoisted this morning.

South Cone.   
North Cone. 

No

**Warnings Issued.**

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

Wind variable, mainly Westerly, and mostly light in force; changeable, some rain and mist; cool.

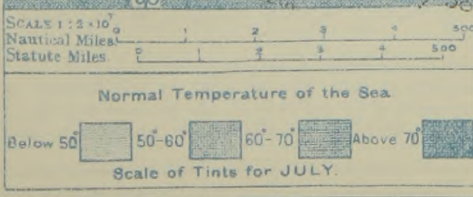
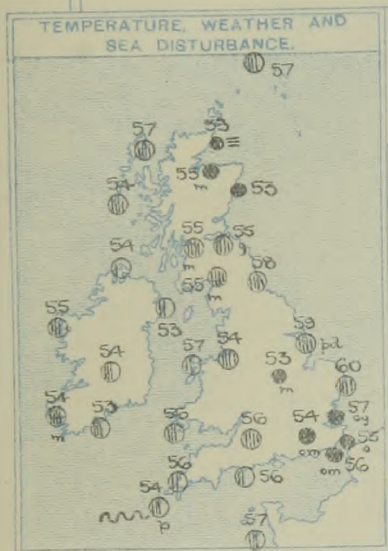
Light to moderate Westerly breezes; sea slight or moderate; changeable, some rain, mist or fog; moderate temperature.



# SYNOPTIC CHART FOR 7 a.m., Monday, 6<sup>th</sup> JULY, 1914.

## GENERAL INFERENCE.

With the shallow depressions now lying over this country no great improvement in the weather 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 & clouded. ○ sky & clouded.  
 ○ sky & clouded. ○ overcast sky. ● rain falling.  
 ✕ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 T, thunderstorm.

**SEA DISTURBANCE**—Rough. High.



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading	Change in 3 hours.	Dir.	Force.	
6th Jan.	49	23	Lusitania	0	1019.6	-5	NW	6-7	0	5th Gpm.	55	17	Numidian	0	1010.1	+9	N	8-9	m
"	50	17	"	0	1016.9	-6	WNW	6-7	0	"	50	16	Lusitania	0	1015.9	+5	WNW	8-9	c
"	55	15	Hesperian	0	1008.1	+5	NW	6-7	0	"	51	15	Ascania	0	1014.5	+1	NNW	6-7	c
5th Gpm.	52	29	Royal George	0	1027.4	-3	SW	4-5	0	"	55	12	Laurentic	0	1002.4	+7	SE	1-3	c
"	48	29	Cedric	0	1026.6	-3	WSW	1-3	c	5th lpm.	49	11	Zeeland	0	1014.2	-3	WNW	6-7	bc
"	54	28	Calgarion	0	1022.0	-3	W	6-7	c	"	50	10	Sicilian	0	1013.4	+1	WNW	6-7	c
"	48	25	Aquitane	0	1028.8	-3	NW	1-3	0	"	49	25	Cedric	0	1033.2	+7	NNW	4-5	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. §	° F.	° F.			Hr.			min. §	° F.	° F.			Hr.	
Scotland.	Oban	...						England, S.E.	Margate	...						
	Stonehaven	...	58	45	cg	bc	6.4		Ramsgate	...	64	48	b	o	2.8	
	Carnoustie	...	63	50	*	*	8.3		Folkestone	...	66	53	c. bc. o	o. c. o	3.7	
	St. Andrews	...			*	*			Hythe	...						
	Bonff	...	65	48	b	b	12.8		Littlestone	...	*	*	*	*	4.7	
Eng. N.E.	Harrigate	...	67	48	bc. c	c. o	3.0	Hastings	...	65	53	b. bc. o	o	2.3		
	Scarborough	...	63	51	c. b	b	9.0	Bexhill-on-Sea	...	64	56	b	v. c. o	3.0		
	Skegness	...	69	57	b. bc	bc	8.7	Eastbourne	...	64	52	o. bc	o	3.3		
								Seaford	...							
Eng. N.W.	Douglas (I. of M.)	...						England, S.E.	Brighton	...	65	51	o. c. o	o	0.7	
	Morecambe	...							Worthing	...	63	55	d	d	0.0	
	Blackpool	...	2	63	44	or. o	0		0.0	Littlehampton	...	63	56	op	op	0.0
	Southport	...	2	63	56	o	or. o		0.0	Bognor	...	64	58	op	op	0.2
Mid-lands.	Buxton	...						England, S.E.	Southsea	...	62	58	od	d	0.0	
	Leamington Spa	Trace	64	55	o	o	0.2		Ryde	...	62	57	p	p	0.0	
	Malvern	5	62	58	p. c	p. c	0.0		Ventnor	...	62	55	*	*	0.0	
Wales.	Rhyl	...	3	63	56	r. or	o. bc	0.0	England, S.W.	Bournemouth	...	58	55	r. o	or. o	0.0
	Colwyn Bay	...	3	62	58	o. bcp	c	0.0		Tunbridge Wells	...	64	42	o	o	1.8
	Llandudno	...	2	63	57	or	or. c	0.4		Weymouth	...	59	55	r. oe. d	d. oe. r	0.0
	Bettws-y-Coed	...						Exmouth		...						
England, E.	Aberystwyth	...	9	62	56	op.	bc. c	1.7	England, S.W.	Teignmouth	...	68	57	c	c. bc	3.0
	Tenby	...						Torquay		...	66	57	o	o	2.0	
								Paignton		...						
England, E.	Cromer	...	71	51	b	bc	10.0	England, S.W.	Plymouth	...	23	66	56	bcv	bcv	5.1
	Lowestoft	...							Falmouth	...	24	66	54	bc	b	10.0
	Felixstowe	Trace	66	54	bc	or	4.6		Bude	...	64	55	r. c	c. b	8.5	
	Walton-on-Naze	...	67	51	bc. c	c. op. o	4.8		Ilfracombe	...	61	56	c. bc	bc. b	6.0	
	Southend-on-Sea	...	74	52	b. bc. o	o	5.0		Weston-super-Mare	...	5	63	52	o. c. bc	bc	1.0

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

6th & 7th July 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 3.39 3.40	G.M.T. 11.58 11.58	G.M.T. 8.16 8.15
Greenwich	3.52 3.53	12.5 12.5	8.16 8.16
Wick	3.18 3.19	12.47 12.47	9.15 9.14
Valencia	4.30 4.31	12.46 12.46	9.0 9.0

## NOTES ON YESTERDAY'S WEATHER.

Temperature exceeded 70° at a few stations in Britain, but in some localities it failed to reach 60°. Rain fell in most places, but there were no large amounts. Bright sunshine was extremely variable, none at some stations, 13 hours at Nairn. As far west as the 20th meridian ships experienced Westerly to Northerly winds, varying greatly in strength, from a light breeze to a gale, with dull weather and local mist.

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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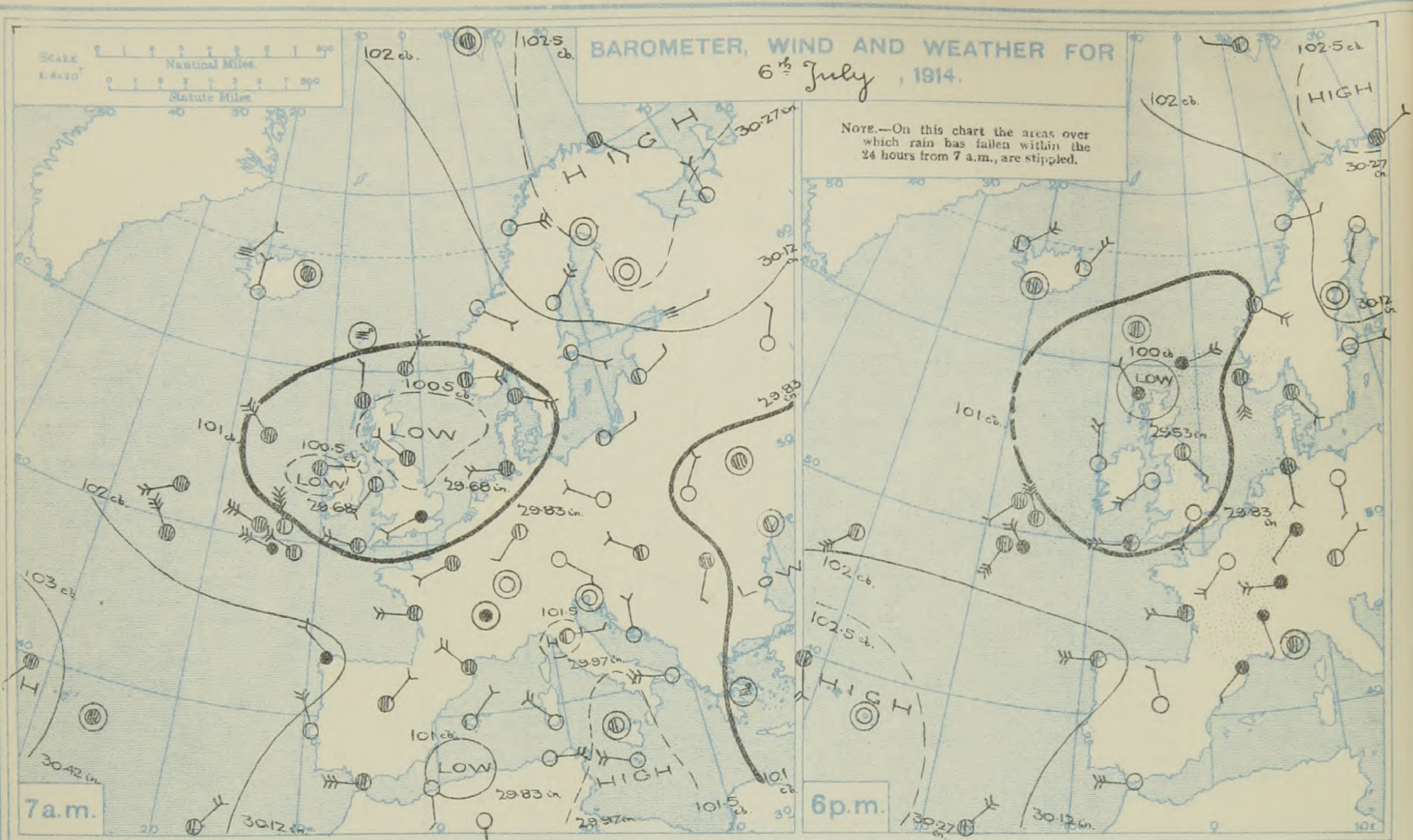


Tuesday,  
7th July, 1914.

Tuesday,  
7th July, 1914.

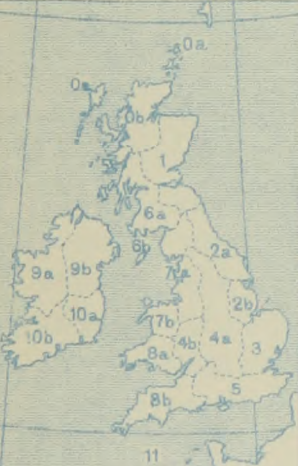
\* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.





FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

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. North Cone. South Cone. North Cone.

No

Warnings Issued.

Western Channel and Bay. 11

FURTHER OUTLOOK.

0 } Southerly to Westerly winds, fresh at times;  
1 } unsettled, some rain, improving later; moderate temperature.

2 } South-Westerly and Westerly breezes, mostly light to  
3 } moderate; changeable, some rain; improving later; moderate  
4 } temperature.

5 } Light to moderate Westerly breezes; dull, some rain,  
6 } improving later; moderate temperature.

7 } Same as Nos. 2 to 5.

8 } Light variable breezes; changeable, some showers,  
9 } improving later; moderate temperature.

10 } Westerly breezes, light to moderate; sea slight to  
11 } rather rough; fine to cloudy, passing showers and mist; moderate temperature.

Milli  
1050

1040

1030

1020

1010

1000

990

980

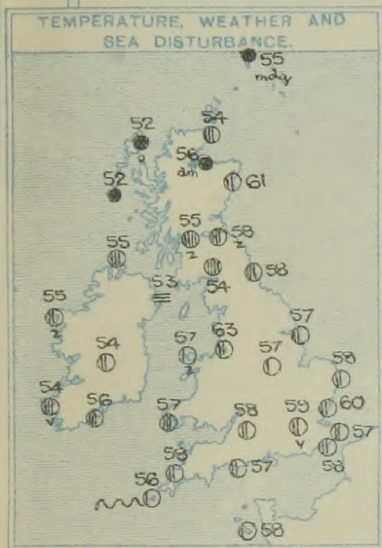
970



# SYNOPTIC CHART FOR 7 a.m., Tuesday, 7<sup>th</sup> JULY, 1914.

## GENERAL INFERENCE.

The conditions are still of an unsettled type, but the depression beyond the Hebrides is passing northward, and some improvement is likely to set in later.



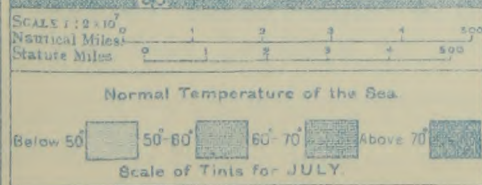
Wches.  
-31

light to  
te

rain,

-29

to  
erate



## EXPLANATION.

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

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

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

**WEATHER.**—Shown by the following symbols:—  
○ clear sky. ○ sky & clouded. ○ sky & clouded.  
☁ sky & clouded. ☁ overcast sky. ☁ rain falling.  
✕ snow. ⚡ hail. ☁ fog. ☁ mist. T, thunder.  
K, thunderstorm.

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



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirac.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirac.	Force.	
6th 6 p.m.	51	17	Royal George	H	1011.2	0	SW	1-3	0	6th 7 a.m.	51	23	Royal George	H	1017.6	-3	WSW	4-5	0
"	49	17	Minnetonka	H	1012.2	-4	SW	6-7	0	"	55	15	Hesperian	H	1008.1	+3	WNW	6-7	0
"	50	16	Sicilian	O	1015.6	-2	NW	6-7	C	"	50	14	Sicilian	O	1016.6	-1	WNW	8-9	bc
"	49	16	Lapland	H	1013.9	-3	NW	4-5	r	"	49	13	Minnetonka	O	1012.8	-1	WNW	6-7	r
"	51	11	Aguilera	H	1008.4	-6	WNW	6-7	0	"	49	12	Lapland	O	1012.5	+3	WNW	4-5	C
"	47	30	Lusitania	O	1008.8	-5	SW	6-7	C										

## 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	51	53	o-cr	cr	0.0		Margate ... ..	4	65	52	c-bc	b	4.4	
	Stonehaven ... ..	17	64	49	cr	og	0.0		Ramsgate ... ..	7	63	53	o	b	5.0	
	Carnoustie ... ..	2	67	50	*	*	0.8		Folkestone ... ..	4	61	55	r.o.b-c	b	6.0	
	St. Andrews ... ..	3	?	42	*	*	0.1		Hythe ... ..	5	65	55	o	b	6.0	
	Bonff ... ..	26	59	49	r.d.	r.d.	0.0		Littlestone ... ..	*	*	*	*	*	7.1	
Engl. N.E.	Harrogate ... ..	Trace	64	51	c-o	c-o	0.2		Hastings ... ..	5	64	53	or.be	b	8.4	
	Scarborough ... ..	0	66	52	o	o.c	0.0		Bexhill-on-Sea ... ..	5	62	53	b	b	8.1	
	Skegness ... ..	4	61	51	o	dr-o	0.2		Eastbourne ... ..	4	63	42	o-bc	b	8.1	
Engl. N.W.	Douglas (I. of M.) ... ..	-	64	48	b	b	10.0		Seaford ... ..	7	62	53	o.b	b	9.0	
	Morecambe ... ..	-	62	54	o	c	2.5		Brighton ... ..	6	64	54	c	c	9.5	
	Blackpool ... ..	-	64	54	c-bc-o	o.c	4.0		Worthing ... ..	?	64	53	bc	bc	9.5	
	Southport ... ..	1	64	54	c-bc-o	o.c	4.0		Littlehampton ... ..	6	?	53	o-bc	bc	9.4	
	Buxton ... ..	3	62	50	c	bcpt	2.1		Bognor ... ..	4	63	53	bc	bc	9.7	
Mid- lands.	Leamington Spa ... ..	5	67	51	c	c	5.7		Southsea ... ..	6	65	54	bc	bc	9.8	
	Malvern ... ..	16	65	51	bc	bc-b	8.0		Ryde ... ..	6	64	54	b	b	11.0	
									Ventnor ... ..	6	62	51	*	*	11.3	
Wales.	Rhyl ... ..	-	66	56	bc	o-bc	7.7		Bournemouth ... ..	-	63	52	c	bc	10.0	
	Colwyn Bay ... ..	-	65	52	bc	b	6.5		Tanbridge Wells ... ..	5	66	53	r.o-bc	b	6.8	
	Llandudno ... ..	-	68	51	b	b	10.0		Weymouth ... ..	2	64	53	bc	bc	12.0	
	Bettws-y-Coed ... ..	-	66	47	b	b	7.5		Exmouth ... ..	-	65	55	bc-b	b-bc	8.8	
	Aberystwyth ... ..	1	61	50	o.c-b	bc-r	5.2		Teignmouth ... ..	-	68	56	bc	bc-c	8.8	
England, E.	Tenby ... ..	2	63	48	b	b	11.0		Torquay ... ..	-	66	51	bc	bc	9.7	
	Cromer ... ..	3	66	55	c	c-o.c	1.0		Paignton ... ..	-	66	50	bc-b	b-bc	9.9	
	Lowestoft ... ..	10	65	56	or.c	or.c	3.3		Plymouth ... ..	1	63	48	bv	bc-p	11.2	
	Felixstowe ... ..	1	65	57	op	bc-p	1.7		Falmouth ... ..	1	63	51	bc-p	bc-p	9.7	
	Walton-on-Naze ... ..	2	65	56	og-p	o.c-r	1.0		Bude ... ..	5	62	54	pc-bc	bc	11.3	
	Southend-on-Sea ... ..	2	67	54	rp	o	4.0		Ilfracombe ... ..	4	62	54	bc	bc-bc	9.0	
									Weston-super-Mare ... ..	6	64	55	bc-b	bc-b	8.0	

## 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.	Max. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	60	65	4.9	70	50	42	1	cp	cp-bc	b-bc
City (Bunhill Row) ...	*	*	3.6	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	71	69	4.0	65	54	54	1	or	or-bc	bc
Camden Sq. (Brit. Rainfall)	62	69	3.2	70	52	49	-	or	c-o-bc	*
Hampstead (Reservoir) ...	*	71	3.7	64	51	45	1	c-or	p.c	c
Richmond Park ...	*	*	4.8							
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.)				911.1 Joules		15.4 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.	
Dublin to 4 p.m.	Trace	63	30	49	bc	c	cp
Darwen to 9 p.m.	Trace	62	49	47	or	or-c	bc-o
Manchester "	3	63	54	*	or-o	o.c-o	o.c
Birmingham "	2	67	50	48	r.c	c	c-r.c
Oxford to 8 p.m.	*	67	53	53	or.c	o.c-bc	bc-bc
S. Kensington (Museum Grounds to 6 p.m.)	8	66	54	53	o	or-vc	or-vc

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

7th July, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 11.58	G.M.T. 12.15	G.M.T. 8.15
Greenwich ...	3.53	12.5	8.16
Wick ...	3.19	12.17	9.12
Valencia ...	4.31	12.46	9.0

## NOTES ON YESTERDAY'S WEATHER.

Temperature touched 68° only at Teignmouth and Nottingham; some northern and western stations failed to reach 60°. Rain fell in many places, heavily in various parts of Scotland, 25 millimetres at Aberdeen, and 25 millimetres at Banff (about 1 inch). Several localities had no bright sunshine, while Pembroke had 18 ½ hours and Newquay 13 ½ hours. As far west as the 25th meridian ships experienced Westerly and North-Westerly winds, fresh to strong or a gale, with variable weather, rain at times.

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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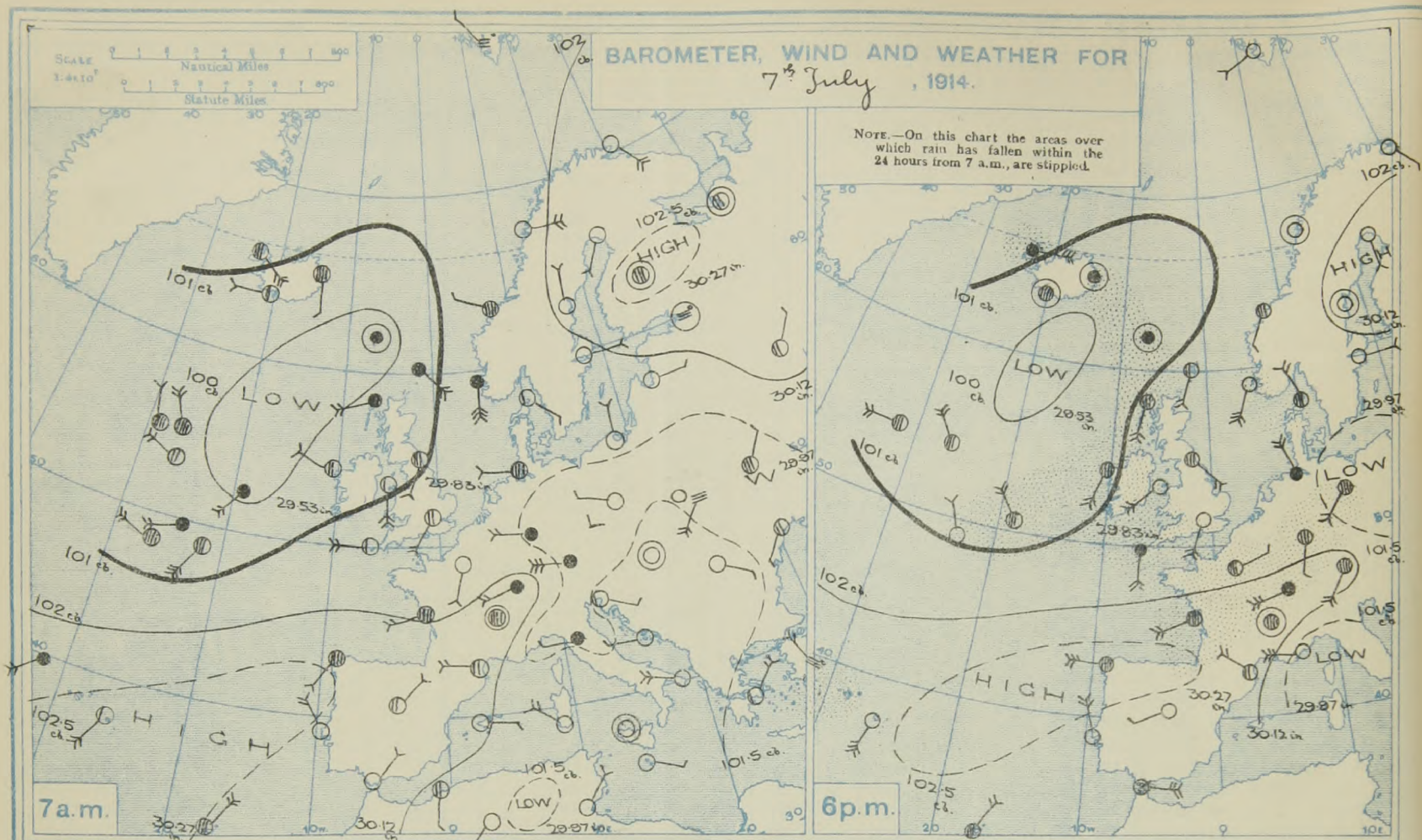
1914

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday, 8th July, 1914.

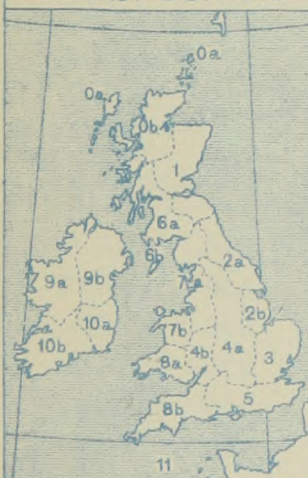
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.
	Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer.		Temp.		WIND.		Direc. of Upper Cloud	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Temp.		Weather.				
			Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours. °F.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	1012.9	58	SSW	3	bc	1017.6	+3	54	-1	E	1	-	g	1	-	59	49	cm.be	bc	bc	*
	Stornoway ...	1010.4	57	SSW	4	c	1012.8	+2	60	+8	S	1	-	bc	1	4	60	48	or	or.c	to.bc	3.8
	Castlebay (Barra)sd.	1009.9	56	SE	2	bc	1011.2	+1	55	+3	SE	4	SE	o	4	0.2	57	52	r.o	o.bc	bc.o	5.8
	Glasgow ...	1011.4	65	S	3	bc	1012.4	+1	53	-2	E	2	NW	bc	4	-	68	49	o.c	cbc.o.c	bc.o.c	5.8
	Eskdalemuir ...	1012.8	60	SSW	4	c	1014.2	0	55	+1	-	0	-	b	4	-	64	46	o.c	c	e.bc.c	7.4
	Malin Head ...	1008.7	60	E	2	bc	1009.7	+1	57	+2	S	3	-	o	1	0.2	61	54	bcm	bcg	op	7.7
	Blackod Point ...	1007.1	60	SSW	4	ogm	1008.5	+4	58	+3	WNW	2	NW	orm	2	2	62	54	bc	bc.cg	orm	*
	Valencia ...	1007.4	59	SSE	3	omd	1010.8	+4	56	+2	SW	3	-	om	4	5	60	53	c.om	omp	orm	2.6
	Roche's Point ...	1011.0	57	S	4	rm	1011.8	*	57	+1	WSW	3	-	c	3	4	61	55	c	odf	df.ep	*
	Birr Castle ...	1010.8	68	ESE	1	o	1010.0	*	60	+6	W	1	-	o	*	7	70	54	c	c	c.op	7.1
	Donaghadee ...	1011.4	60	S	3	bc	1012.1	0	54	+1	SE	3	-	orm	3	3	64	53	bc	bc	bc.orm	*
	Liverpool (Bidston) ...	1013.2	64	-	0	bc	1013.2	-1	55	-8	SE	3	-	r	2	1	69	58	bc	bcp	or	8.1
	Holyhead ...	1014.2	59	SW	4	bcg	1012.7	0	56	-1	SE	3	-	or	2	3	63	55	b.bc	bc.b	b.beor	15.4
	Pembroke (St. Ann's) ...	1013.9	57	SW	4	bc	1012.6	0	58	+1	SW	4	SW	om	3	4	61	58	bc	c	c	9.6
	Newquay ...	1013.6	59	SE	3	o	1014.6	+3	58	0	SW	3	-	ogm	3	7	63	55	bu	b.o.c.o	orm	7.7
ICELAND, FAEROE, &c.	Scilly (St. Mary's) ...	1012.9	57	S	4	mr	1014.3	+2	58	+2	WSW	4	SW	me	5	3	63	55	bcp	cp.fr	fe	7.5
	Jersey (St. Aubin) ...	1018.6	68	SE	3	c	1018.6	*	60	+2	SW	3	-	omd	3	11	66	57	b	bc	em.od	11.9
	Portland Bill ...	1017.2	59	SW	3	bc	1015.4	0	59	+2	SW	4	-	o	4	6	61	58	bc	bc	bc.odr	*
	Dungeness ...	1017.9	60	SSW	3	b	1015.8	-1	58	0	S	3	S	od	3	1	64	57	bc.b	b	bc.or	*
	Dover ...	1018.2	58	SW	4	bu	1018.4	*	58	+1	S	4	-	r	4	0.2	62	54	bc.b	b	bc.or	13.4
	Wick ...	1012.8	53	SSE	1	o	1015.4	+2	53	-1	SSE	1	-	fe	2	0.2	57	51	comdp	omdp	bc.m.fe	*
	Nairn ...	1011.3	61	-	0	bc	1014.0	*	58	+2	E	1	-	bcm	1	1	63	46	md	cm	e.cw	0.7
	Aberdeen ...	1013.0	61	S	2	c	1015.1	+1	56	-5	-	0	?	om	2	-	65	52	bc.b	bc.c	e.bfom	10.4
	Leith ...	1011.8	68	SSW	3	b	1014.2	+1	61	+3	SE	2	3	bc	4	-	72	50	e.b.c	bc.b	b	*
	Tynemouth ...	1013.8	60	SE	3	cm	1014.9	+1	57	-1	WSW	1	-	m	2	-	68	53	bcm	bcm	bcm	7.8
NORTHERN EUROPE.	Spurn Head ...	1016.1	61	SE	3	bc	1016.9	0	60	+3	SSW	3	W	bc	2	-	71	54	bc	bc	bc	10.3
	Yarmouth ...	1016.3	64	S	3	bcp	1018.8	+2	59	+1	S	2	3	bc	2	12	66	51	bc.or	o.bc	bc	10.6
	Clacton-on-Sea ...	1015.9	65	SSW	4	bc	1017.6	0	61	+1	S	3	W	o	2	-	66	57	bc	bc	bc.o	10.7
	Nottingham ...	1014.1	64	SSW	3	bc	1015.5	*	56	-1	SSE	2	3	o	*	-	70	50	b.bc	bc	bc.e	9.5
	Bath ...	1015.9	62	SW	1	o	1014.5	*	61	+3	S	1	SW	r	4	6	68	55	c.bc.o	cp.o	or	7.9
	London (Kew Obs.) ...	1016.7	68	SSW	4	bu	1016.2	-1	58	-1	SE	2	SE	om	*	1	68	53	bc.o.p.bc	bc.e.bc.b	bc.com	6.5
	Spitzbergen ...	1013.2	42	WSW	2	b	1014.9	0	34	-2	NW	2	*	g	*	-	45	32	*	*	*	*
	Isafjord ...	1010.7	45	E	5	r	1008.2	+1	44	-7	E	5	*	o	*	*	*	*	*	*	*	*
	Reykjavik ...	1000.4	55	EME	4	c	1006.9	+4	50	+3	E	2	*	o	*	*	*	*	*	*	*	*
	Vestmanna ...	1000.7	49	-	0	o	1006.4	+3	48	+1	SSE	1	*	g	1	*	*	*	*	*	*	*
CENTRAL EUROPE.	Seydisfjord ...	1004.0	64	-	0	r	1009.9	+3	43	-2	-	0	*	g	*	*	*	*	*	*	*	*
	Thorshavn ...	1001.5	52	-	0	r	1018.4	+4	32	+1	SSE	2	*	b	*	*	*	*	*	*	*	*
	Vardö ...	1019.3	50	SE	1	b	1019.7	+1	63	+11	NE	1	-	b	1	*	52	43	*	*	*	*
	Bodö ...	1014.7	75	-	0	b	1021.0	0	70	-5	E	2	-	b	1	-	81	59	*	*	*	*
	Christiansund ...	1018.1	68	SW	1	c	1020.0	-1	64	+3	ENE	1	-	b	2	-	68	61	*	*	*	*
	Skudesnaes ...	1018.6	63	SSW	5	b	1016.0	0	62	+2	NNE	2	-	o	2	-	64	57	*	*	*	*
	Færder (Xaniafjord) ...	1017.3	70	N	2	c	1017.5	+2	68	+2	NNE	2	-	c	1	-	70	66	*	*	*	*
	The Scau (Skagen) ...	1016.4	66	NNW	3	c	1015.0	0	70	+4	NE	1	-	c	2	1	72	63	*	*	*	*
	Blaavands Huk ...	1016.3	55	NNW	3	r	1015.7	0	57	-6	NW	4	-	o	3	13	64	54	*	*	*	*
	Haparanda ...	1021.3	75	S	2	b	1024.2	0	72	-3	S	2	-	b	*	-	81	63	*	*	*	*
FRANCE.	Hernösand ...	1021.3	70	-	0	b	1023.7	0	68	0	-	0	-	b	*	-	75	55	*	*	*	*
	Stockholm ...	1018.7	75	E	2	b	1019.0	0	73	0	ENE	2	-	b	*	-	82	63	*	*	*	*
	Wisby ...	1017.2	77	E	2	b	1017.2	0	79	+9	SE	2	-	b	*	-	86	63	*	*	*	*
	Karlstad ...	1016.7	77	-	0	tr	1018.9	+1	73	+3	NE	2	-	b	*	-	81	63	*	*	*	*
	St. Petersburg ...	1016.7	77	-	0	tr	1018.9	+1	73	+3	NE	2	-	b	*	-	81	63	*	*	*	*
	Berlin ...	1011.3	66	SW	3	o	1015.3	+2	57	-15	NW	5	-	o	*	46	51	55	*	*	*	*
	Frankfurt ...	1018.1	61	SSW	1	c	1022.9	+2	57	+2	SW	2	-	b	*	3	66	50	*	*	*	*
	Munich ...	1021.1	50	BW	4	o	1023.7	+2	60	-9	W	5	-	o	*	20	59	46	*	*	*	*
	Vienna ...	1015.8	57	NNW	4	r	1017.2	+1	59	-4	WNW	4	-	o	2	30	61	55	*	*	*	*
	Cuxhaven ...	1017.9	63	WSW	1	bc	1019.4	+1	61	+2	SW	3	-	b	1	-	66	48	*	*	*	*
SOUTHERN EUROPE.	Brussels ...	1020.7	63	SE	1	b	1020.7	+2	63	+8	SE	1	-	b	*	-	70	48	*	*	*	*
	C. Gris Nez ...	1018.0	61	WSW	4	b	1018.1	0	57	0	SSE	4	*	r	2	-	68	54	*	*	*	*
	La Hève ...	1019.7	59	-	0	b	1018.9	*	59	+5	SW	4	*	r	4	8	66	57	*	*	*	*
	Ushant ...	1015.9	59	W	4	om	1017.2	*	55	-2	SW	5	*	r	4	8	64	52	*	*	*	*
	Brest (St. Mathieu) ...	1016.6	69	SSW	4	r	1019.7	+1	59	+2	SW	4	*	r	4	9	63	54	*	*	*	*
	Rochefort (Ile d'Aix) ...	1022.9	63	WSW	4	o	1024.0	+1	64	+4	SW	4	*	o	2	2	68	57	*	*	*	*
	Biarritz ...	1023.5	67	NNW	3	b	1026.4	0	64	+5	SE	3	*	b	4	2	70	57	*			





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. North Cone. South Cone. North Cone.

No Warnings Issued.

Western Channel and Bay. 11

FURTHER OUTLOOK.

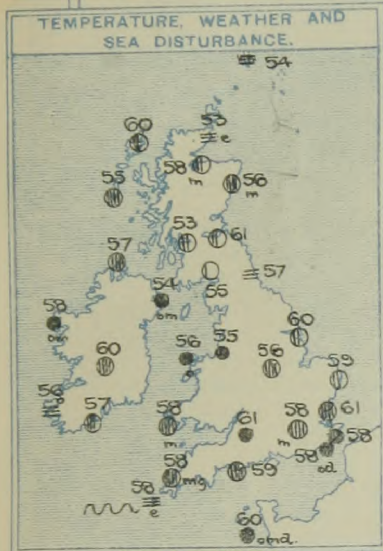
- 0 { a } Light South-Easterly to Southerly breezes; fair to  
b } changeable, some showers, coast mist or fog; moderate  
1 } temperature.
- 2 { a }  
b } Light to moderate Southerly and South-Westerly  
3 } breezes; dull to fair, some rain and mist; cool, air close.
- 4 { a }  
b } Same as Nos. 0 and 1.
- 5 { a }  
b } Light to moderate South-Easterly and Southerly  
6 } breezes; dull, some rain, fairer later; cool, air close.
- 7 { a }  
b } Light to moderate South-Westerly breezes; dull, misty,  
8 } some showers, fairer later; moderate temperature.
- 9 { a }  
b } Light Southerly to Westerly breezes; dull, misty,  
10 } some rain, mist or fog; cool.
- 11 { a } Light to moderate South-Westerly and Westerly  
b } breezes; changeable, some rain, mist or fog; cool.



# SYNOPTIC CHART FOR 7 a.m., Wednesday, 8<sup>th</sup> JULY, 1914.

## GENERAL INFERENCE.

Under the influence of a depression on the upper Atlantic the changeable type of weather is likely to continue.

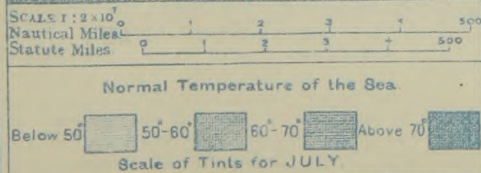


Inches.

31

30

29



## 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.  
 TS, thunderstorm.

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



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward H- Homeward	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward H- Homeward	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
8th Jan.	50	13	Cymric	H	1016.2	+5	NW	4-5	c	7th Jan.	53	26	Hesperian	H	1002.7	+2	WNW	4-5	bc
7th Gpm	53	30	Hesperian	H	1006.4	+1	N	4-5	c	"	53	25	Merion	H	1004.0	+3	WNW	4-5	c
"	53	25	Alsatian	H	1004.7	-3	NW	4-5	c	"	53	22	Cymric	H	1005.1	-1	WNW	4-5	c
"	49	22	Merion	H	1000.1	+1	WNW	1-3	b	"	53	22	Lopland	H	1003.4	-3	SW	4-5	c
"	50	18	Cymric	H	1000.5	+3	NW	4-5	c	"	53	21	Minnetonka	H	1004.0	-4	SW	6-7	c
7am	50	29	Laurentic	H	1003.4	-1	N	1-3	c	"	51	19	Sicilian	H	999.3	-4	SW	4-5	c
"	54	28	Muridion	H	1004.0	+1	NW	4-5	c										

## 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.	
Scotland	Oban	mm.	° F.	° F.			Hr.	England, S.E.	Margate	mm.	° F.	° F.			Hr.
	Stonehaven	—	65	51	or. c	bc	3.5		Ramsgate	—	63	50	b	b	11.0
	Carnoustie	—	65	53	*	*	6.2		Folkestone	—	63	54	bc. b	b	12.5
	St. Andrews	—	70	52	b	*	5.3		Hythe	—	63	49	b	b	13.5
	Bonff	Trace	67	50	bc. b	bc. b	4.8		Littlestone	—	*	*	*	*	12.9
Eng. N.E.	Harrogate	—	68	49	b. bc. b	b. bc. b	10.9	England, S.W.	Hastings	—	65	55	bc. b	b	11.8
	Scarborough	—	69	52	c. b	c. b	10.0		Bexhill-on-Sea	—	63	56	b	b	11.0
	Skegness	—	69	52	b. bc	bc. b	12.4		Eastbourne	—	64	55	b. bc. b	b	12.9
	Douglas (I. of M.)	—	62	53	b	b	9.4		Seaford	—	63	56	b	b	12.1
Eng. N.W.	Morecambe	—	68	50	bc. b	b. bc. b	9.0	England, S.W.	Brighton	—	65	56	c. bc	bc. b	12.3
	Blackpool	—	67	49	bc. c	c. b	8.9		Worthing	—	65	56	b	b	12.4
	Southport	—	65	49	c. bc. ex	or. c	5.0		Littlehampton	Trace	?	55	bc. b	b	11.7
	Buxton	—	71	48	bc	b	10.2		Bognor	—	63	56	bc. b	b	11.5
Mid-lands.	Leamington Spa	—	66	51	c	c	8.8	England, S.W.	Southsea	—	65	52	bc	bc	12.5
	Malvern	—	66	56	bc.	bc.	6.0		Ryde	—	64	56	b	b	12.0
	Rhyl	—	68	49	bc	bc	11.4		Ventnor	—	63	54	*	*	12.8
	Colwyn Bay	—	67	54	b	b	10.6		Bournemouth	—	64	53	c. bc	bc	7.5
Wales.	Llandudno	—	69	51	b	b	11.7	England, S.W.	Unbridge Wells	—	62	50	c	c	11.3
	Bettws-y-Coed	—	69	54	b	b	11.5		Weymouth	—	65	54	rd. o. c	bc. b	7.8
	Aberystwyth	—	64	53	r. o. c	c. o. b	6.0		Exmouth	—	66	52	b	b	9.0
	Tenby	—	64	54	b	b	12.5		Teignmouth	—	68	51	cp. b	c. bc	8.0
England, E.	Cromer	—	72	49	b. bc. b	bc. r. b	9.1	England, S.W.	Torquay	—	67	52	bc	bc. c. o	7.6
	Lowestoft	Trace	66	52	bc. op. c	chl	9.8		Paignton	Trace	66	47	bc	bc	7.1
	Felixstowe	—	68	56	bc	bc	11.8		Plymouth	—	63	54	c. bc	c. b	7.5
	Walton-on-Naze	—	66	55	bc. c. bc	bc. c. bc	11.9		Falmouth	—	63	53	bc	c	5.2
England, E.	Southend-on-Sea	—	70	54	b. bc	bc. b. bc	11.0	England, S.W.	Bude	—	65	49	bc	bc	7.3
		—							Ilfracombe	—	63	53	bc	bc	9.3
		—							Weston-super-Mare	Trace	65	49	bc. b	bc. bc	6.7

## 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.						
	%	%	Hr.	° F.	° F.	° F.	mm. §			
Greenwich (Royal Obs.) ...	55	96	11.0	73	52	45	1	b. bcp	bc. b	b. bc or cl
City (Bunhill Row) ...	"	"	7.6	"	"	"	"	"	"	"
Westminster (St. James's Pl.)	55	96	8.3	67	54	49	2	nd. bc	bc	bc. or cl
Camden Sq. (Brit. Rainfall)	54	92	7.5	72	53	49	1	bc	bc	"
Hampstead (Reservoir) ...	"	93	7.0	66	53	47	2	bcp	bc	or. cl
Richmond Park ...	"	"	6.5							
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.)	55	96	7.6	1587 Joules			269 Milliwatts.			420 Milliwatts.

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

8th July, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 5.58 3.41	G.M.T. 11.58 11.58	G.M.T. 8.15 8.14
Greenwich	3.52 3.55	12.5 12.5	8.16 8.15
Wick	3.20 3.21	12.17 12.17	9.0 9.12
Valencia	4.32 4.33	12.46 12.46	8.59 8.59

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shin- e 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	66	54	52	bc	cp	bc	*
Darwen to 9 p.m.	Trace	67	50	45	bcw	bc	bc	2.6
Manchester "	Trace	71	50	*	c. bc	bc	bc. o	3.8
Birmingham "	3	64	50	44	"	c	c. r	7.7
Oxford to 8 p.m.	"	66	51	43	b.	b. bc	cp. bc	*
S. Kensington (Museum Grounds to 6 p.m.)	Trace	68	53	47	c. bc	c	c. bc	*

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 70° or a little above at a few places in this country. Rain fell at nearly all stations, 12 millimetres ( $\frac{1}{2}$  inch) at Yarmouth. There was considerable bright sunshine in most districts, 15  $\frac{1}{2}$  hours at Holyhead. As far west as the 32nd meridian ships experienced light to fresh or strong South-Westerly to North-Westerly winds, and changeable weather, rain at times.

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.

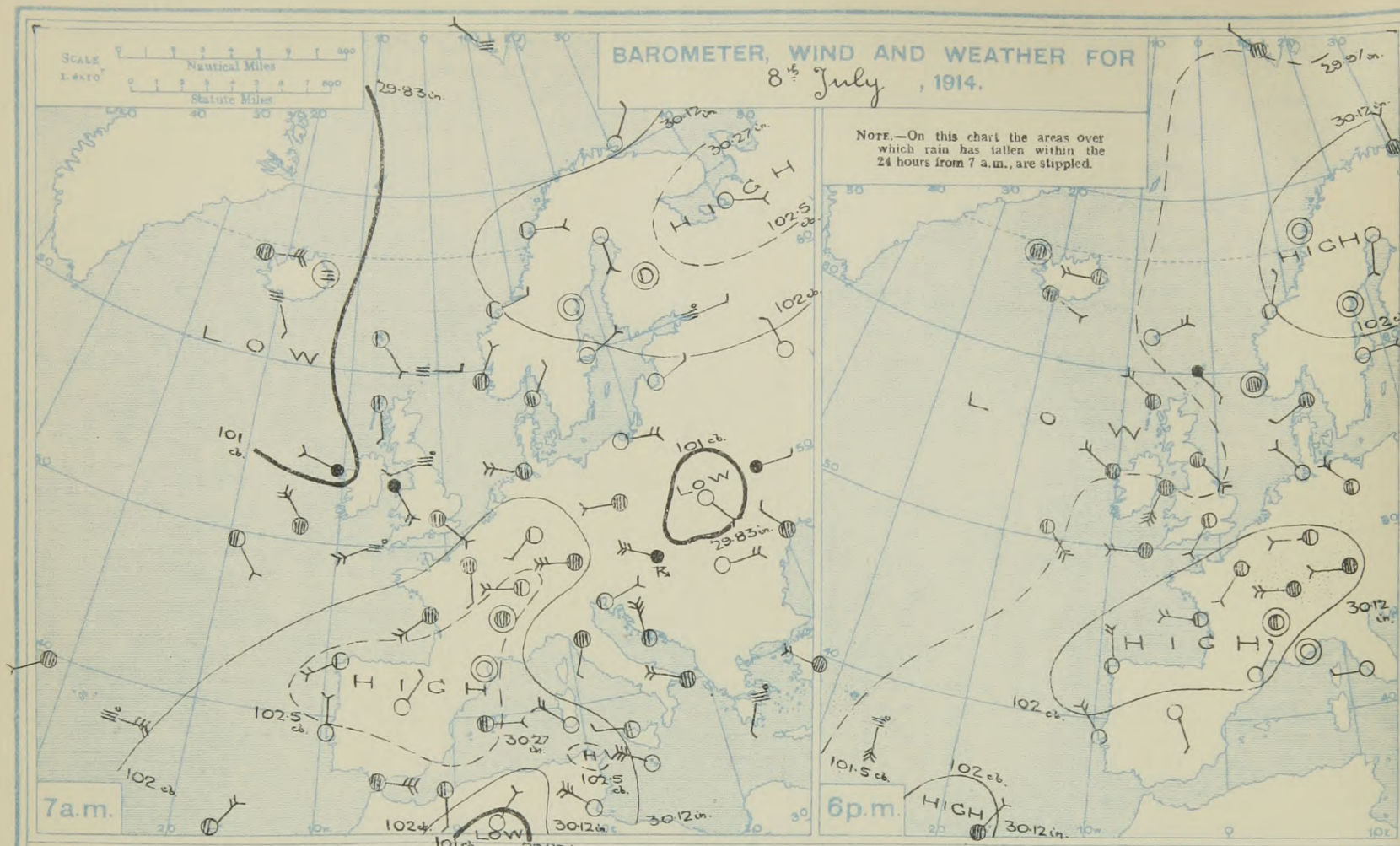


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,  
9th July, 1914.

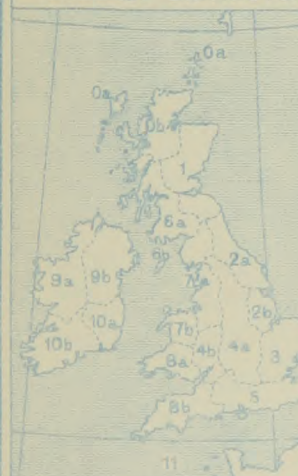
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										LAST 24 HOURS.					Sun- shine for Yester- day. Hours.
	Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea (0-9).	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
			Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning	Afternoon	Night.	
BRITISH ISLANDS.	Lerwick ...	1018.0	SE	1	or	1018.0	0	50	-4	S	1	-	f	1	1	58	47	f. om	ome	ben. fe	*
	Stornoway ...	1014.5	SE	3	c	1016.2	+2	57	-3	SW	2	-	o	2	1	60	58	b	b. bc. c	odp	10.7
	Castlebay (Barra Isd.)	1013.4	E	2	d	1017.4	+3	54	-1	WNW	3	-	o	3	7	56	53	or	r. d	d. f. c	0.1
	Glasgow ...	1014.3	W	1	odg	1018.3	+3	58	+5	SSW	2	-	og	*	-	70	53	c. bc. c	odp	og. og	4.6
	Esksdalemuir ...	1014.6	SW	3	or	1018.9	+3	56	+1	S	2	-	o	*	-	68	51	bc	or	og	5.6
	Malin Head ...	1012.3	W	3	c	1018.4	+4	54	-3	W	3	W	c	2	?	66	54	omp	omp	og	1.1
	Blacksod Point ...	1015.0	SW	3	o	1019.3	+3	55	-3	-	0	W	bcv	1	1	61	52	om. omp	omp	om. bc	*
	Valencia ...	1016.9	SS	3	cm	1018.9	+1	53	-3	E	2	-	om	3	1	60	49	om d	cm	opm	1.6
	Roche's Point ...	1016.1	WSW	4	bc	1021.0	*	56	-1	-	0	-	o	2	0.2	64	52	p. o. c	p. bc	b. o	*
	Birr Castle ...	1015.3	W	1	o	1019.8	*	55	-5	S	1	-	o	*	1	63	55	op	c. o	o	1.4
	Donaghadee ...	1014.2	SSE	2	f	1019.5	+4	55	+1	E	2	-	cm	0	1	58	53	om	f	fw. em	*
	Liverpool (Bidston)	1014.7	WSW	2	b	1020.4	?	60	+5	SW	1	-	b	2	4	63	55	o. bc	bcpt	cp	5.3
	Holyhead ...	1015.5	SSW	3	odgp	1021.6	+3	57	+1	SSW	3	SW	bcf	2	2	62	54	r. of. cf	o. bc. c	o. bc. c	3.5
	Pembroke (St. Ann's)	1017.3	SW	3	c	1021.7	+5	56	-2	SW	2	SW	c	2	1	64	51	o	c	c	1.4
	Newquay ...	1018.6	SW	2	o	1021.8	+2	59	+1	-	0	-	o	3	-	64	52	om c	c. o	o	0.8
NORTHERN EUROPE.	Scilly (St. Mary's)	1018.8	W	3	o	1022.1	+1	58	0	S	1	-	om	3	0.2	63	54	c	om	bc. om	0.6
	Jersey (St. Aubin)	1020.9	WSW	4	o	1023.5	*	62	+2	W	2	W	cm	1	1	64	55	od. op d	pd. c. o	bc. om	0.8
	Portland Bill ...	1017.8	WSW	5	b	1023.1	+3	57	-2	WNW	2	-	b	3	-	61	55	om	bc. b	c. bc	*
	Dunegnss ...	1018.0	SW	5	bc	1022.7	+3	60	+2	WSW	2	-	op	2	2	63	57	op. d. r	o. c	cp. o	*
	Dover ...	1017.5	SW	4	b	1022.4	*	62	+4	WSW	1	-	c	2	1	64	56	op. bc	o. c	bc. c. o	5.1
	Wick ...	1014.9	SE	3	o	1016.5	+2	54	+1	S	3	-	o	2	-	56	51	fe	bc. om	om. f	*
	Nairn ...	1013.6	NE	1	cm	1016.3	*	58	0	-	0	-	cm	1	-	63	51	bc. cm	eur. ea	m	3.0
	Aberdeen ...	1015.2	SE	3	b	1017.3	+1	60	+4	-	0	-	b	2	-	67	54	m. b. m	b	bc. b	7.4
	Leith ...	1014.1	W	2	o	1019.0	+2	60	-1	W	2	-	eg	*	-	65	55	bc. b	bc. c. o	o	*
	Tynemouth ...	1014.9	SE	4	cm	1018.4	+3	61	+4	WSW	2	SW	b	2	-	65	55	bc	bc. m	bc. m	7.6
	Spurn Head ...	1015.8	E	3	bc	1020.8	+5	61	+1	W	3	-	cm	3	-	66	56	c	bc	bc	8.6
	Yarmouth ...	1016.7	SSE	3	bc	1020.7	+4	59	0	W	2	W	bc	1	-	66	55	bc	bc	bc	9.0
	Clacton-on-Sea ...	1016.2	SSW	2	c	1021.3	+3	59	-2	W	3	W	c	1	2	70	55	op. r	odp	c. bc. c	1.5
	Nottingham ...	1015.6	SW	2	o	1020.3	*	59	+3	WSW	2	W	cm	*	2	70	52	op	o. dp	om	1.5
	Bath ...	1017.3	W	2	bc	1022.3	*	61	0	W	3	W	c	*	7	71	57	r	otr	bc. c. o	5.3
London (Kew Obs.)	1017.0	SW	2	bc	1022.3	+3	60	+2	WSW	2	-	c	*	4	74	56	om. r. o. c. o. u. o. p. bc	bc. m	bc. m	4.0	
ICELAND, FAEROE, &c.	Spitzbergen ...	1015.0	W	1	o	1018.0	+1	34	0	W	1	*	f	*	-	37	32	*	*	*	*
	Isafjord ...	1012.7	-	0	o	1017.9	+2	48	+4	E	2	*	c	*	-	*	*	*	*	*	*
	Reykjavik ...	1012.7	SSE	3	bc	1015.7	0	51	+1	-	0	*	o	*	-	*	*	*	*	*	*
	Vestmanna ...	1012.8	SE	2	o	1014.4	-1	47	-1	W	1	*	r	1	-	*	*	*	*	*	*
	Seydisfjord ...	1012.2	W	3	c	1016.8	-1	50	+5	-	0	*	c	*	-	*	*	*	*	*	*
Thorshavn ...	1017.7	ESE	3	o	1016.8	0	53	+1	-	0	*	o	*	-	*	*	*	*	*	*	*
NORTHERN EUROPE.	Vardö ...	1022.0	N	2	o	1016.8	0	54	-9	-	0	-	o	1	-	63	48	*	*	*	*
	Bodö ...	1022.1	-	0	b	1022.3	0	61	-9	W	1	-	b	1	-	73	57	*	*	*	*
	Christiansund ...	1020.6	NNE	1	b	1017.7	0	72	+8	NE	1	-	m	2	-	72	59	*	*	*	*
	Skudesnaes ...	1018.4	-	0	o	1019.4	+1	57	-6	W	4	-	r	1	14	64	55	*	*	*	*
	Færder (Kjellerfjord)	1016.6	SW	3	c	1019.0	+1	68	0	E	2	-	o	1	-	73	66	*	*	*	*
	The Scaw (Skagen)	1015.7	WSW	1	o	1017.9	0	64	-6	WNW	2	-	c	2	9	73	63	*	*	*	*
	Blaavands Huk ...	1018.3	W	3	c	1020.4	+3	63	+6	W	1	W	b	2	15	63	54	*	*	*	*
	Haparanda ...	1021.1	SSW	2	b	1020.3	0	72	0	SW	4	-	b	*	-	81	64	*	*	*	*
	Hernösand ...	1023.3	-	0	b	1023.9	0	70	+2	-	0	-	bc	*	-	79	57	*	*	*	*
	Stockholm ...	1019.4	E	2	b	1020.3	+1	77	+4	ESE	2	-	b	*	-	82	63	*	*	*	*
	Wisby ...	1016.7	E	2	b	1019.4	+1	79	0	ESE	2	-	bc	*	-	82	64	*	*	*	*
	Karlstad ...	1017.6	ESE	2	b	1019.7	0	75	+2	ESE	2	-	b	*	-	86	64	*	*	*	*
	St. Petersburg ...	1021.1	NE	1	m	1023.4	+1	75	-4	S	1	-	m	*	-	90	66	*	*	*	*
	CENTRAL EUROPE.	Berlin ...	1016.6	W	3	c	1018.0	+2	59	+2	W	4	-	o	*	Trace	64	55	*	*	*
Frankfurt ...		1020.3	W	2	bc	1022.3	0	63	+6	-	0	-	m	*	-	72	54	*	*	*	*
Munich ...		1021.0	W	2	o	1022.4	0	59	+9	W	4	-	c	*	Trace	63	50	*	*	*	*
Vienna ...		1014.4	WNW	3	r	1016.2	+3	55	+3	W	4	-	o	*	44	61	50	*	*	*	*
Cuxhaven ...		1019.3	W	2	o	1020.7	+1	63	+4	W	1	-	b	0	-	66	54	*	*	*	*
The Helder ...		1019.0	SE	1	c	1020.8	+2	63	+2	S	2	-	o	0	-	68	55	*	*	*	*
Brussels ...		*	*	*	*	1022.4	+3	57	-6	W	1	-	o	*	?	68	54	*	*	*	*
FRANCE.	C. Gris Nez ...	1018.7	SW	5	c	1021.5	+3	59	+2	WSW	4	-	o	3	3	63	57	*	*	*	*
	La Hève ...	1021.5	W	4	c	1020.6	*	59	0	WNW	4	-	o	3	3	64	54	*	*	*	*
	Ushant ...	1019.9	ESE	4	m	1022.6	*	59	+4	WSW	2	-	m	3	-	61	55	*	*	*	*
	Brest (St. Mathieu)	1022.6	WSW	3	m	1023.7	+1	53	-1	SW	3	-	f	3	2	63	57	*	*	*	*
	Rochefort (île d'Aix)	1024.7	WNW	3	bc	1024.0	0	63	-1	NE	3	-	b	*	-	72	57	*	*	*	*
	Biarritz ...	1022.1	ESE	3	b	1022.0	0	68	+1	SSW	3	-	o	3	-	81	63	*	*	*	*
	Paris ...	1021.9	SW	2	o	1024.0	+2	64	+7	W	2	W	b	*	4	72	57	*	*	*	*
	Belfort ...	1023.8	W	4	o	1024.2	*	61	+6	-	0	-	o	*	9	69	55	*	*	*	*
	Lyons ...	1024.7																			





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.

No Warnings Issued.

Western Channel and Bay. 11

Wind between West and South, mostly light;  
cloudy to fine, some local passing showers; moderate temperature.

Light to moderate Westerly to Southerly breezes;  
slight sea; fair to dull, some mist or fog; moderate temperature.

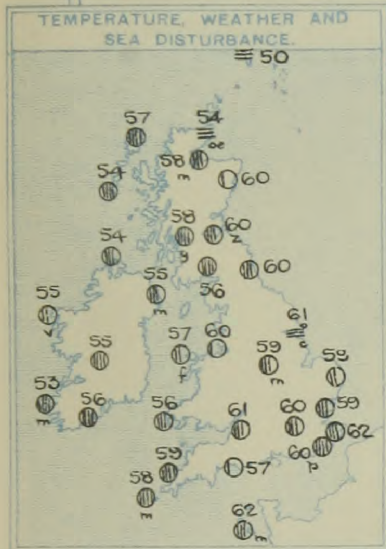
FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 a.m., Thursday, 9<sup>th</sup> JULY, 1914.

## GENERAL INFERENCE.

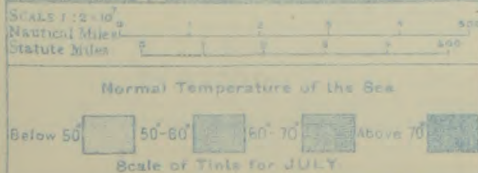
The barometer is rising generally, and no important change in the weather is indicated.



Inches  
31

30

29



## 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

temperature



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
9th 7am.	50	10	Laconia		mb.	+		(0-12).		8th 6pm	50	15	Merion		mb.	+		(0-12).	
" "	50	12	Merion	H	1008.1	-9	S	1-3	m	" "	50	19	do.	H	1012.5	+1	SE	4-5	b
					1014.5	+2	SE	1-3	f						1011.5	-1	SE	1-3	c

## 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.			
Scotland.	Oban	...	62	52	bc. o	o	0.8	England, S.E.	Margate	Trace	70	54	cp	c. bc	1.8		
	Stonehaven	...	63	57	of	by	6.4		Ramsgate	...	2	67	53	+	b	1.9	
	Carnoustie	...	64	57	+	+	11.4		Folkestone	...	3	63	57	r. o. bc	bc. b	3.0	
	St. Andrews	...	70	45	*	*	10.9		Hythe	...	2	67	52	o	bc	2.5	
	Banff	...	69	51	by	by	11.3		Littlestone	...	*	*	*	*	*	3.0	
	Harrogate	...	67	50	bc. c. bc	c. bc. c. o	4.3		Hastings	...	4	65	55	or. o	bc. o	2.2	
Eng. N.E.	Scarborough	...	66	54	c. b	c. b	6.6	Bexhill-on-Sea	...	4	63	58	or	bc	2.2		
	Skegness	...	67	53	bc	bc. d. b	7.2	Eastbourne	...	6	63	57	om	bc. cm	3.3		
Eng. N.W.	Douglas (I. of M.)	...	60	53	or. f	o. c. b	2.0	England, S.E.	Seaford	...	7	64	57	or. c	c	2.1	
	Morecambe	...	71	55	o	bc	1.4		Brighton	...	3	65	58	or. o	c	2.9	
	Blackpool	Trace	69	50	op	c. bc	1.8		Worthing	...	5	66	57	r. bc	bc	2.9	
	Southport	...	68	50	c. o	or. f. c. b	3.7		Littlehampton	...	+	+	+	+	+	3.0	
Mid-lands.	Buxton	...	65	43	bc	bc. s	1.4	England, S.E.	Bognor	...	4	66	58	r	o	2.8	
	Leamington Spa	...	71	54	or. b	bc. b	4.7		Southsea	...	4	68	58	or. c	bc. b	4.2	
	Malvern	...	69	53	bc. b	bc	4.0		Ryde	...	3	67	60	r.	bc	4.0	
Wales.	Rhyl	...	69	50	+	p. bc. b	4.2	England, S.W.	Ventnor	...	3	65	55	*	*	4.6	
	Colwyn Bay	...	69	53	r. p. bc. b	b	5.0		Bournemouth	...	4	69	56	r. o	o. bc	7.0	
	Llandudno	...	68	54	cp	bc	4.4		Unbridge Wells	...	4	63	51	r	bc	2.6	
	Bettws-y-Coed	...	...	...	...	...	...		Weymouth	...	5	67	57	o. c	bc. b	5.7	
	Aberystwyth	...	10	62	26	r. o. c	cr. o		1.2	Exmouth	...	6	70	57	b	b	4.5
England, E.	Tenby	...	13	64	56	o. c	bc. o	3.5	England, S.W.	Teignmouth	...	5	71	57	c. bc	bc	3.5
	Cromer	...	70	51	bc	bc	7.5	Torquay		...	5	69	58	o.	c. bc. c	4.2	
	Lowestoft	...	65	51	bc. or	or. bc	6.4	Paignton		...	...	...	...	...	...	...	
	Felixstowe	...	68	61	bc. or	bc. or	3.3	Plymouth		...	10	65	57	or	o. c	1.7	
	Walton-on-Naze	...	68	53	op. o	op. c. bc	1.6	Falmouth		...	5	65	56	o	or	0.7	
England, E.	Southend-on-Sea	...	70	55	or. p. o	o. bc. o	1.3	England, S.W.	Bude	...	9	63	56	ompd	opd	0.0	
		...	...	...	...	...	...		Ilfracombe	...	9	64	56	o. c	c. bc. c	3.0	
								Weston-super-Mare									

## LONDON OBSERVATIONS.

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.	Max.	Min.
%	%	Hr.	° F.	° F.	° F.	mm. §				mm. §	° F.	° F.	° F.				Hr.					
Greenwich (Royal Obey.) ...	70	61	4.0	73	57	48	2	c. cr	p. bc	bc. p	Dublin to 4 p.m.	18	68	56	55	r. bc	cpt	c	*			
City (Bunhill Row) ...	"	"	2.6	"	"	"	"	"	"	"	Darwen to 9 p.m.	1	67	51	48	c. or	o. c. bc	bc. or	1.5			
Westminster (St. James's Pk.)	78	68	3.2	70	58	55	2	or. bc	bc	bc	Manchester "	1	69	49	"	"	o. bc	bc	1.6			
Camden Sq. (Brit. Rainfall)	54	63	3.5	74	57	54	1	or. o	o. c	"	Birmingham "	"	"	"	"	"	"	"	"			
Hampstead (Reservoir) ...	"	68	3.4	65	56	51	4	bc. p	bc	bc	Oxford to 8 p.m.	"	70	52	48	b. bc. or	o. d. m. bc	or. bc. bc	"			
Richmond Park	"	"	4.3	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																		
Kew. (See front page.)	"	"	"																			
S. Kensington (Roof of M.O.)	77	64	4.0	Total.		Average Rate.		Max. Rate.		S. Kensington (Museum Grounds to 6 p.m.)												
				1051 Joules		17.8 Milliwatts.		71 Milliwatts.														

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

9th & 10th July, 1914.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth	...	3.42	11.58	8.14
	...	3.43	11.58	8.14
Greenwich	...	3.55	12.5	8.15
	...	3.56	12.5	8.16
Wick	...	3.21	12.47	9.12
	...	3.22	12.47	9.11
Valencia	...	4.33	12.46	8.59
	...	4.34	12.46	8.58

## NOTES ON YESTERDAY'S WEATHER.

Temperature exceeded 70° in London and at a few other stations. Slight rain fell in many localities. The duration of bright sunshine ranged from none at Bude to more than 11 hours at Banff and Carnoustie. As far west as the 20th meridian ships experienced light to moderate South-Easterly breezes and fair to foggy weather.

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.



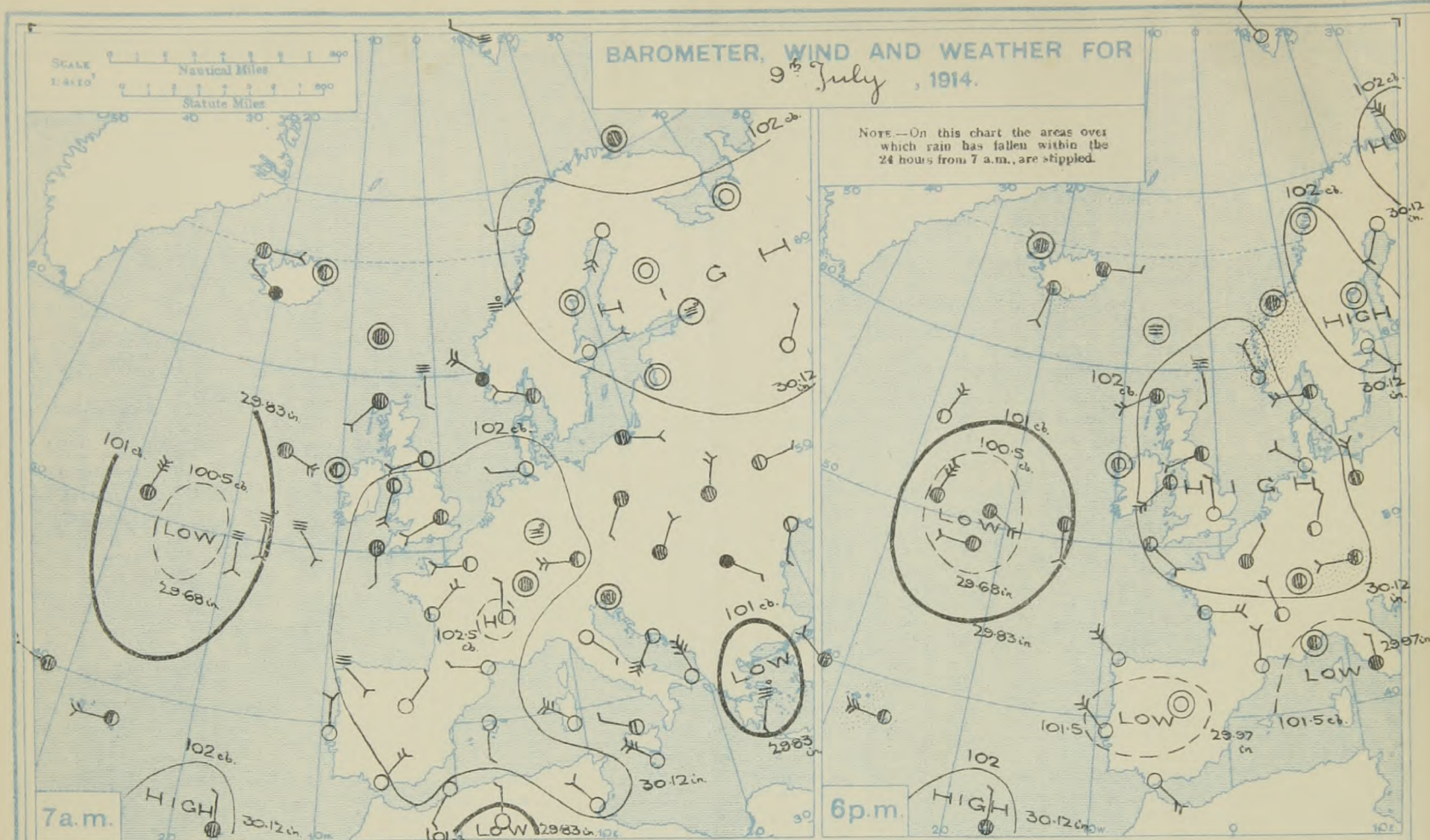
1914.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,  
10th July, 1914.

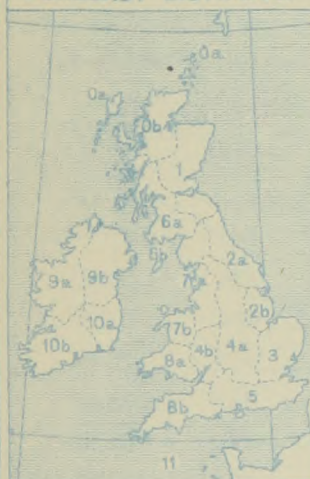
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Vester- day. Hours.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	°F.	°F.	WIND.		Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force 0-12.						Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																						
Lerwick ...	1020.4	55	S	1	f	1024.8	+4	55	+5	SSW	2	SW	bc	1	-	56	50	f	f	om. bc	*	
Stornoway ...	1021.2	59	WSW	3	c	1024.1	+1	57	0	SE	1	-	bc	1	-	62	43	o.c	c. bc. c	b. bc	3.1	
Castlebay (Barra Isd.)	1021.3	57	S	2	bc	1022.5	0	56	+2	E	3	-	o	3	-	58	51	o. bc. o	o. bc	bc. b. o	4.7	
Glasgow ...	1022.0	62	W	2	c	1024.8	+1	52	-6	ENE	2	W	b	*	Trace	63	48	o	o. c	bc. b. o	1.3	
Esksdalemuir ...	1021.6	63	SW	3	c	1024.4	0	60	+4	ENE	3	E	bw	*	Trace	68	42	o	o. m. c	c. bc	2.0	
Malin Head ...	1021.5	56	NE	1	b	1022.4	+1	60	+6	ESE	2	-	b	0	-	61	53	bc	bc	bc	6.0	
Blacksod Point	1019.1	64	-	0	bcv	1019.5	0	61	+6	SSW	3	SW	cu	3	-	67	52	bcv	bcv	bcv	0.0	
Valencia ...	1018.6	61	SSE	2	md	1017.3	-1	61	+8	ESE	2	-	orm	3	-	66	53	om	om	om	0.0	
ROCHE'S POINT.																						
Roches Point ...	1021.3	58	SE	2	f	1020.6	*	59	+3	SE	3	-	o	3	-	62	56	om	f	fd. om	*	
Birr Castle ...	1020.7	65	SSE	1	o	1021.1	*	61	+6	SE	3	-	o	*	-	68	55	o	o	o	2.2	
Donaghadee ...	1022.3	60	S	3	bc	1024.3	+1	56	+1	SE	2	-	om	2	Trace	63	52	bc	bc	bc	*	
Liverpool (Bidston)	1023.0	63	WNW	1	b	1023.7	0	61	+1	ENE	1	-	b	1	-	66	55	bc	b	bm	10.8	
Holyhead ...	1023.9	62	SW	4	bcz	1024.0	0	61	+4	E	4	-	bc	3	Trace	65	58	c. o. c	c. bc. c	bc. b. o	9.3	
Pembroke (St. Ann's)	1023.3	59	SSE	2	c	1022.1	0	57	+1	SE	2	-	om	2	-	61	54	c	c	d. cm	0.8	
Newquay ...	1022.1	61	S	2	o	1020.3	0	61	-8	SSE	4	-	bc	3	-	66	52	o	o	c. bc	0.7	
SCILLY (St. Mary's).																						
Scilly (St. Mary's)	1021.9	63	SE	2	bcv	1018.5	-1	59	+1	ESE	5	SE	c	4	-	64	56	f	f. bc. m	bc. m	3.3	
Jersey (St. Aubin)	1023.2	67	S	2	b	1021.4	*	64	+2	E	3	-	b	3	-	70	57	cm. c	f. bc. m	bc. m	3.7	
Portland Bill ...	1023.4	61	W	1	b	1023.2	+1	61	+4	ESE	3	-	b	2	-	61	56	bc. b	bc	b. bc	*	
Dungeness ...	1023.7	62	WSW	3	b	1023.3	0	60	0	E	3	-	b	3	-	67	52	bc	c. b	b. bc	*	
Dover ...	1023.0	63	SW	3	b	1021.0	*	65	+3	E	2	-	b. g. t	2	-	68	50	c. bc. b	b	b	10.0	
WICK.																						
Wick ...	1021.3	57	W	3	o	1025.3	+2	54	0	-	0	-	o	1	Trace	61	50	om	om	om	*	
Nairn ...	1021.0	64	W	1	og	1024.7	*	57	-1	-	0	-	b	0	-	70	45	bc. c	bc	bc	1.3	
Aberdeen ...	1020.0	66	N	2	o	1025.3	+1	58	-2	NE	1	-	o	2	-	73	54	bc	bc. c. o	o. bc. o	8.6	
Leith ...	1021.2	67	WNW	2	b	1024.8	+1	59	-1	E	2	-	c	*	-	70	50	c	bc. b	b	*	
Tynemouth ...	1020.9	70	WSW	2	c	1024.3	+3	60	-1	N	1	-	bc. m	1	-	72	53	bc. m	bc. m	bc. m	6.0	
Spurn Head ...	1021.9	63	SE	3	c	1024.3	+3	58	-3	NE	1	-	f	3	-	73	56	bc. m	bc	c	9.1	
YARMOUTH.																						
Yarmouth ...	1022.6	69	S	2	b	1024.9	+1	69	+10	SW	1	-	b	0	-	72	55	b	b	bc. b	14.3	
Clacton-on-Sea	1022.0	65	SSE	3	b	1024.0	+1	65	+6	ESE	2	-	bc. m	1	-	72	56	c. bc	bc. b	bc. m	12.0	
Nottingham ...	1021.6	72	W	2	b	1024.1	*	59	0	SE	1	-	bc. m	*	-	74	51	cm	bc. b	bc. m	9.5	
Bath ...	1022.7	69	W	2	m	1023.0	*	63	+2	NE	2	-	b	*	-	71	50	c. bc	c. bc. z	bc. m	9.2	
London (Kew Obs.)	1022.4	73	N	1	bcv	1023.8	+1	63	+3	SE	1	-	bc. z	*	-	75	54	c. bc. bcv	bcv. bcv	bcv. bcv	9.6	
ICELAND, FAEROE, &c.																						
Spitzbergen ...	1019.8	43	NNW	1	b	1017.2	+2	44	+12	-	0	*	b	*	-	43	32	*	*	*	*	
Isafjord ...	1014.9	53	-	0	o	1014.4	+1	50	-1	-	0	*	c	*	-	*	*	*	*	*	*	
Reykjavik ...	1015.0	55	-	0	o	1014.0	-2	50	-1	E	4	*	r	*	-	*	*	*	*	*	*	
Vestmanna ...	1015.1	52	SSW	2	bc	1014.6	-2	48	+1	SE	4	*	r	0	-	*	*	*	*	*	*	
Seydisfjord ...	1015.8	52	E	1	o	1015.3	0	51	+1	-	0	*	b	*	-	*	*	*	*	*	*	
Thorshavn ...	1017.5	51	-	0	f	1022.0	+4	50	-3	W	4	*	m	*	-	*	*	*	*	*	*	
NORTHERN EUROPE.																						
Vardö ...	1023.5	48	NNW	6	o	1022.3	0	52	-2	N	1	-	f	0	-	55	48	*	*	*	*	
Bodö ...	1020.2	66	-	0	b	1020.3	0	68	+7	-	0	-	b	0	-	66	57	*	*	*	*	
Christiansund	1019.8	63	-	0	o	1023.7	+2	55	-17	NW	1	-	f	2	8	73	55	*	*	*	*	
Skudesnaes ...	1022.1	63	NNW	2	b	1023.8	0	61	+4	NW	2	-	b	1	-	64	52	*	*	*	*	
Færder (Xiania Fjord)	1018.4	70	WSW	1	c	1020.4	0	72	+4	S	1	-	bc	1	-	73	66	*	*	*	*	
The Scaw (Skagen)	1019.4	70	W	3	c	1019.9	+2	64	0	WSW	1	SW	b	2	-	73	61	*	*	*	*	
Blaavands Huk	1022.7	66	NW	2	b	1024.4	+2	64	+1	NW	2	-	b	1	-	66	59	*	*	*	*	
HAPARANDA.																						
Haparanda ...	1017.3	75	SW	2	b	1019.0	0	73	+1	NW	2	-	bc	*	-	82	63	*	*	*	*	
Hernösand ...	1022.0	77	-	0	b	1022.0	0	73	+3	-	0	-	b	*	-	81	61	*	*	*	*	
Stockholm ...	1020.6	82	SSE	2	b	1020.7	0	77	0	-	0	-	bc	*	-	86	66	*	*	*	*	
Wisby ...	1019.9	77	N	2	b	1020.6	0	75	-4	N	2	-	b	*	-	84	66	*	*	*	*	
Karlstad ...	1018.3	86	S	2	b	1020.4	+1	73	-2	S	2	-	c	*	-	90	68	*	*	*	*	
St. Petersburg	1021.2	82	SW	1	m	1021.7	0	75	0	WSW	1	-	m	*	-	90	68	*	*	*	*	
CENTRAL EUROPE.																						
Berlin ...	1019.7	70	N	3	o	1022.0	+2	64	+5	NW	2	-	o	*	-	70	59	*	*	*	*	
Frankfurt ...	1021.1	73	NE	1	b	1023.7	+2	64	+1	NE	2	-	o	*	-	75	57	*	*	*	*	
Munich ...	1022.3	61	W	2	c	1023.8	+1	59	0	SW	1	E	c	*	Trace	64	55	*	*	*	*	
Vienna ...	1017.7	57	NW	3	c	1019.8	0	59	0	NW	4	-	o	*	Trace	61	54	*	*	*	*	
Cuxhaven ...	1022.4	66	NW	2	b	1024.7	+1	64	+1	S	1	-	b	0	-	68	55	*	*	*	*	
The Helder ...	1023.1	64	WSW	1	b	1025.0	+1	63	0	SW	1	W	b	1	-	68	48	*	*	*	*	
Brussels ...	*	*	*	*	*	1023.8	0	63	+6	ENE	2	-	b	*	-	73	55	*	*	*	*	
FRANCE.																						
C. Gris Nez ...	1023.0	63	SW	4	b	1023.3	0	63	+4	E	4	-	b	1	-	68	54	*	*	*	*	
La Hève ...	1024.8	59	NE	4	b	1022.3	*	60	+1	E	3	-	b	2	-	66	54	*	*	*	*	
Ushant ...	1021.3	57	NE	2	m	1018.6	*	59	0	ESE	3	-	b	3	-	63	54	*	*	*	*	
Brest (St. Mathieu)	1022.7	59	NW	3	m	1018.7	0	63	+5	E	4	-	b	3	-	71	57	*	*	*	*	
Rochefort (Ile d'Aix)	1019.9	78	E	3	b	1017.2	0	66	+3	E	4	-	b	*	-	88	61	*	*	*	*	
Biarritz ...	1016.4	73	E	3	b	1013.1	-1	72	+7	SE	3	-	b	2	-	88	66	*	*	*	*	
SOUTHERN EUROPE.																						
Corunna (7 a.m.)	1018.4	66	NW	4	bc	1017.3	+3	61	+6	WSW	3	-	o	3	-	68	59	*	*	*	*	
Madrid (8 a.m.)	1013.9	90	-	0	b	1018.3	+1	72	-1	E	1	-	b	*	-	93	66	*	*	*	*	
Lisbon (9 a.m.)	1014.7	81	NW	4	b	1017.2	+3	61	-3	NW	3	-	b	5	-	86	59	*	*	*	*	
Gibraltar ...	1018.3	69	SE	3	b	1017.9	*	67	0	SW	3	-	bcv	1	-	78	64	*	*	*	*	
Rome ...	1013.9	73	N	1	o	1011.7	+1	68	*	N	2	-	c	*	-	82	64	*	*	*	*	
AZORES.																						
Azores (Horta, 8 a.m.)	1014.6	*	NW	4	bc	1013.7	+1	68	+4	W	3	-	o	3	-	75	64	*	*	*	*	
Madeira (Funchal)	1019.7	70	N	1	o	1021.3	0	64	-2	N	1	SW	bc	1	-	72	64	*</				





**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

**FURTHER OUTLOOK.**

Calms and light variable breezes, mainly Easterly; fine generally, local coast mist or fog; warm.

Light Easterly and South-Easterly breezes; fine, some haze or mist; warm.

Same as Nos. 0 to 3.

South-Easterly breezes, fresh at times; fine generally, local coast mist and showers later; warm.

Light to moderate South-Easterly and Easterly breezes; fair to cloudy, local mist and showers later; warm.

Easterly and South-Easterly breezes, fresh at times; sea moderate; fine generally, some showers and mist later; warm.

Millibars  
1050

1040

1030

1020

1010

1000

990

980

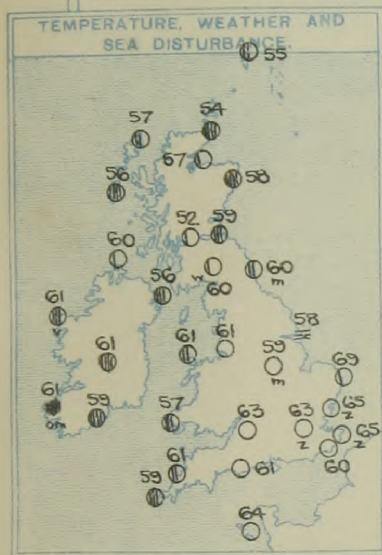
970



# SYNOPTIC CHART FOR 7 a.m., Friday, 10<sup>th</sup> JULY, 1914.

## GENERAL INFERENCE.

The barometer has a slight upward tendency in most regions, and there are no indications of a decided break in the existing conditions.

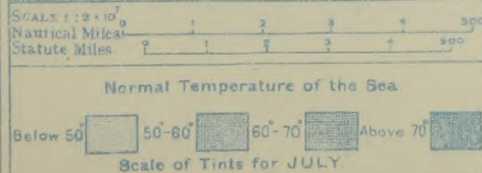


Inches.

31

30

29



## 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.
  - Ts, thunderstorm.
- SEA DISTURBANCE.**—Rough ~~~~~ High ~~~~~



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
10th Yarn.	50	17	Philadelphia	O	1008.4	-5	SE	4-5	0	9th 6 p.m.	48	21	Oceanic	H	1001.0	0	W	1-3	C
"	49	16	Crampian	H	1006.8	+3	SE	6-7	1	"	49	20	Laconia	H	1002.4	-4	S	1-3	C
"	49	15	Oceanic	O	1005.4	+1	S	6-7	0	"	50	15	Baltic	H	1008.4	+3	S	1-3	C
"	51	13	Dominion	O	1008.1	-1	SE	4-5	0	"	56	11	Tunisian	O	1022.0	-1	SSW	1-3	C
9th 6 p.m.	54	27	Megantic	H	1011.8	-1	NNE	4-5	6	"	55	10	Pretonian	H	1016.9	+2	ESE	6-7	bc
"	50	26	Montcalm	H	1004.7	-1	NNE	6-7	0	"	50	23	Montcalm	H	1006.8	+1	NNE	6-7	0
"	50	21	Crampian	H	1002.7	-1	ESE	4-5	0	"	49	19	Baltic	H	1005.4	0	S	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.	Oban	...	72	51	cy	cy	10.1	England, S.E.	Margate	...	71	56	c. bc	b	8.7
	Stonehaven	...	72	52	*	*	9.6		Ramsgate	...	72	53	b	b	8.7
	Carnoustie	...	73	54	*	*	9.7		Folkestone	...	66	57	c. bc. b	b	8.7
	St. Andrews	...	68	54	bc	bc. d. o	5.2		Hythe	...	70	54	b	b	7.0
	Bonff	Trace	70	51	c. bc. b	b	9.4		Littlestone	...	68	58	c. bc. b	b	8.8
Eng. N.E.	Harrogate	...	73	56	c. b	c. b	10.2	England, S.E.	Hastings	...	66	59	b	b	6.6
	Scarborough	...	71	54	bc. b	b	10.5		Bexhill-on-Sea	...	67	59	c. bc. b	b	8.9
	Skegness	Trace	65	55	bc	bc	7.0		Eastbourne	...	66	59	b	b	9.8
Eng. N.W.	Douglas (I. of M.)	...	67	50	b	b	11.0	England, S.W.	Seaford	...	68	60	c. bc. b	b	10.4
	Morecambe	...	67	57	c. bc	bc	12.2		Brighton	...	70	58	b	b	10.4
	Blackpool	Trace	66	56	c. bc. c	bc. c	?		Worthing	...	71	58	b	b	10.2
Mid-lands.	Southport	...	68	52	bc	bc	5.2	England, S.W.	Littlehampton	...	65	58	b	b	9.9
	Buxton	...	74	54	c. b	bc	6.0		Bognor	...	70	58	bc. b	b	10.6
	Leamington Spa	...	70	62	v. c	cv	6.5		Southsea	...	66	56	*	*	11.0
Wales.	Malvern	...	67	57	b	b	11.2	England, S.W.	Ryde	...	64	55	b. o	c. b	3.5
	Rhyl	...	67	57	bc	b	8.5		Ventnor	...	62	53	o	om	0.1
	Colwyn Bay	...	69	57	bc	bc	6.14		Bournemouth	...	69	57	c. bc. b	bc. b	11.0
England, E.	Llandudno	...	68	57	c. bc	bc	3.5	England, S.W.	Weymouth	...	70	56	bc. b	bc. b	11.0
	Bettws-y-Coed	...	63	55	o. c	bc. o	5.7		Exmouth	...	66	55	bc. c	c	2.0
	Aberystwyth	...	68	55	o. bc	c. o	3.5		Teignmouth	...	64	54	c	o	3.2
England, E.	Tenby	...	71	51	b. bc. b	b	11.5	England, S.W.	Torquay	...	68	54	b. bc	bc. c	2.5
	Cromer	...	73	54	bc. b	b. bc. b	13.6		Paignton	...	64	55	b. o	c. b	3.5
	Lowestoft	...	72	56	b. b	b	11.9		Plymouth	...	62	53	o	om	0.1
England, E.	Felixstowe	...	71	55	b	b	11.3	England, S.W.	Falmouth	...	69	57	o	o	0.0
	Walton-on-Naze	...	71	56	b. b	b	12.0		Bude	...	64	57	c. bc. b	bc. b	11.0
	Southend-on-Sea	...	71	56	b. b	b	12.0		Ilfracombe	...	69	58	c. bc. b	b	6.0

## 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. Max. Min.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.)	52	68	9.8	76	52	11.0	c. bc	bc. b	bc. c
City (Bunhill Row)	"	"	11.3	"	"	"	"	"	"
Westminster (St. James's Pl.)	54	70	10.6	75	56	5.3	"	b. bc	b
Camden Sq. (Brit. Rainfall)	56	65	10.3	73	54	5.0	c. b	b	b
Hampstead (Reservoir)	"	65	11.1	73	57	4.8	bc	bc	bc
Richmond Park	"	"	9.1						
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.)				224.6 Joules		38.2 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen. Max. Min.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	Trace	67	53	51	bc	c
Darwen to 9 p.m.	"	69	53	48	bc. b	bc
Manchester "	"	70	56	"	bc. b	b. bc
Birmingham "	"	71	53	46	"	c
Oxford to 8 p.m.	"	74	52	45	b. bc	bc. b
S. Kensington (Museum Grounds to 6 p.m.)						
		75	58	55	c.	c. bc. b

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

10th July, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 3.43 (3.44)	G.M.T. 11.58 (11.58)	G.M.T. 8.44 (8.43)
Greenwich	3.56 (3.57)	12.5 (12.5)	8.44 (8.43)
Wick	3.22 (3.23)	12.7 (12.7)	9.11 (9.10)
Valencia	4.34 (4.35)	12.46 (12.46)	8.58 (8.58)

## NOTES ON YESTERDAY'S WEATHER.

Temperature exceeded 70° in many parts of this country, and touched 75° in London. Bright sunshine varied greatly, from none at Valencia to 14.3 hours at Yarmouth. As far west as the 30th meridian ships experienced a cyclonic circulation of light to strong winds, and very variable weather, fine to dull, some rain, mist and fog.

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 Terminals in London.



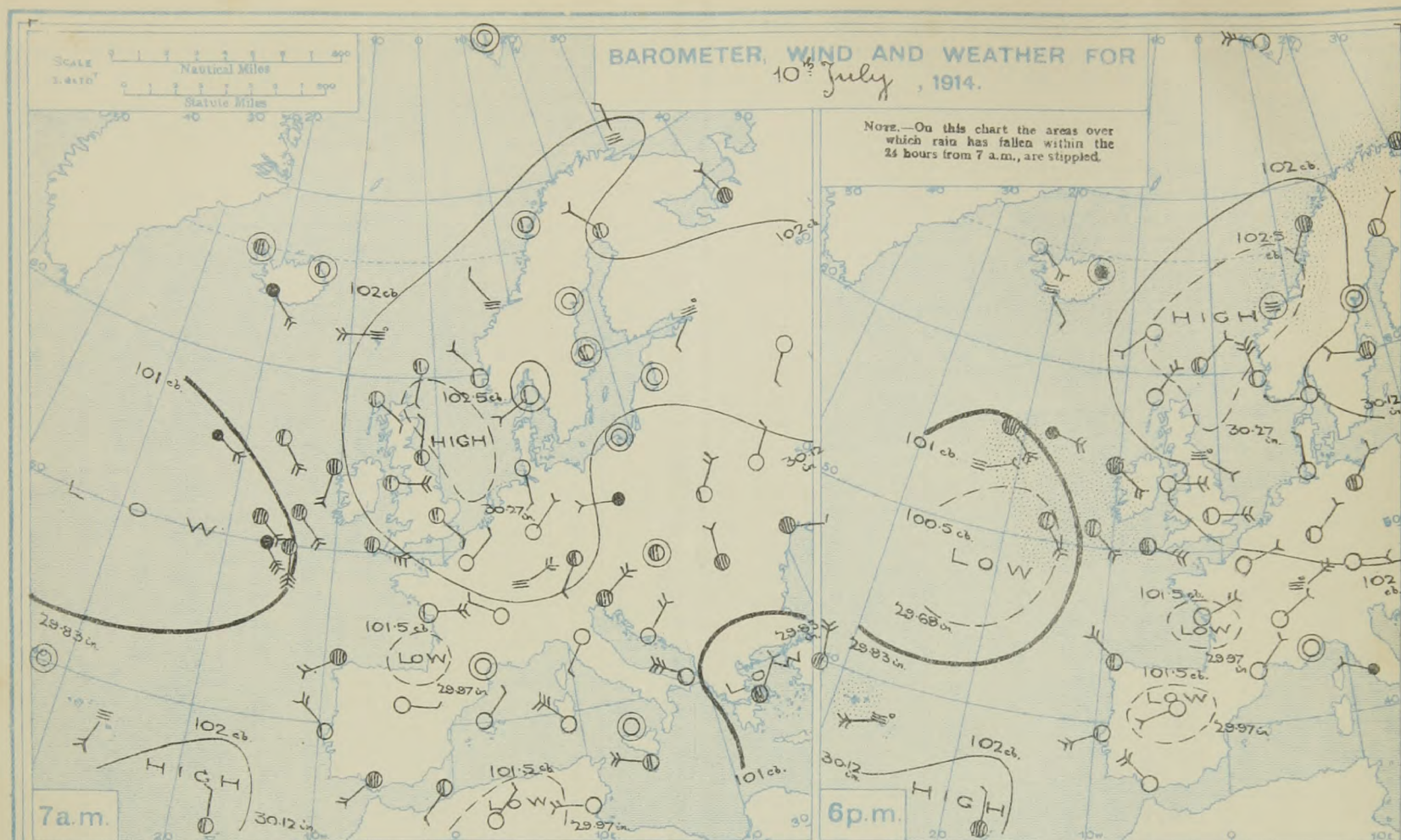
Saturday,  
11th July, 1914.

1,000 millibars are equivalent  
to 14.7 lbs. per square inch  
(in Lat. 45).

100 millibars to one pound  
and a half per square inch.

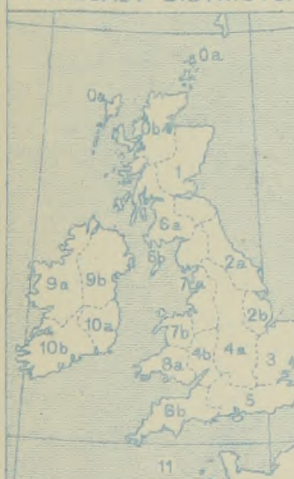
‡ The barometric change is expressed in half millibars





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 Coast.	South Coast.
North Coast.	North Coast.

No

Warnings Issued.

Western Channel and Bay. 11

FURTHER OUTLOOK.

Light variable Southerly and South-Easterly breezes; cloudy to fine, some mist and coast fog; warm.

Light Easterly breezes; dull to fair or fine, mist in places, fog on coast; air rather humid, warm.

Light Easterly breezes; dull to fair, some mist, local thunder showers; warm, air humid.

Same as Nos. 0 and 1.

Same as Nos. 2 to 4.

Very variable breezes, finally Easterly; dull, misty, local thunder showers, then fair; humid, warm.

Light to moderate Easterly and South-Easterly breezes; cloudy to fine, local mist; humid air, moderate temperature.

Light South-Easterly and Southerly breezes; cloudy to fine, local mist and thunder showers; humid air; moderate temperature.

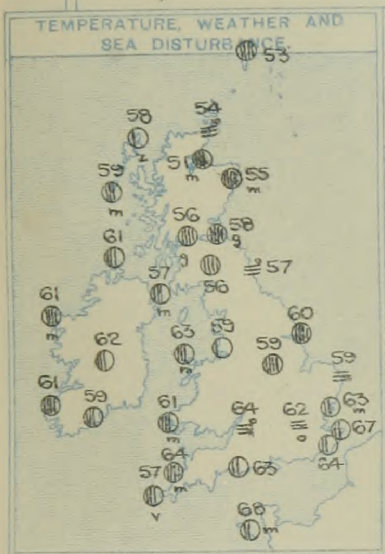
Very variable breezes, finally Easterly to Southerly; slight sea; cloudy to dull, some mist or fog and thunder showers; warm.



# SYNOPTIC CHART FOR 7 a.m., Saturday, 11<sup>th</sup> JULY, 1914.

## GENERAL INFERENCE.

The general situation is undergoing very little modification, but about the Channel the conditions favour the development of electrical disturbances.



Inches  
31

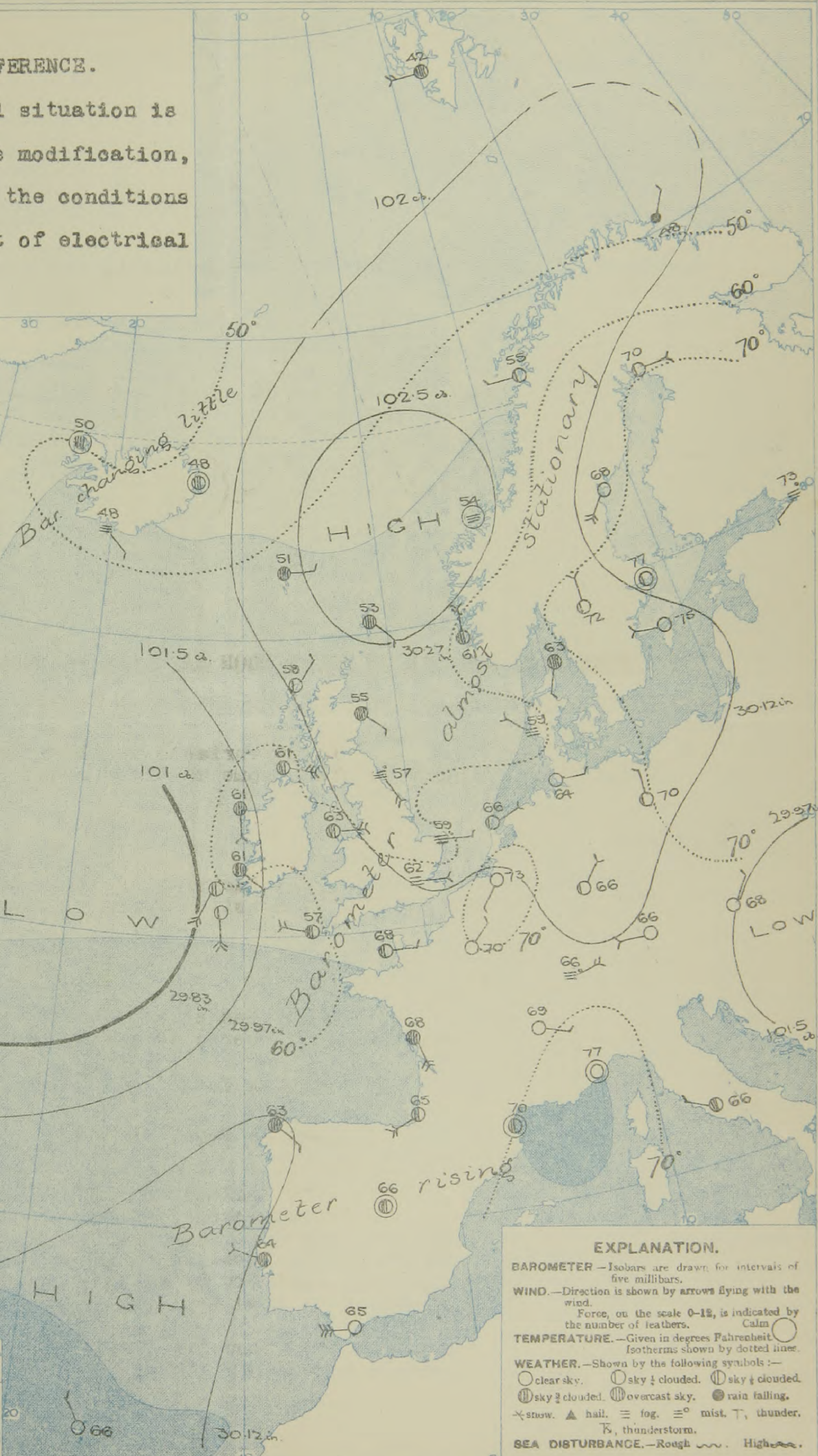
30

29

SCALE 1:250,000  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea.

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



## 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 wavy. High



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
					mb.	†	(0-12).								mb.	†	(0-12).		
11th 7am	51	11	Andania	O	1010.1	-3	SSW	4-5	bc	10th 6pm	50	10	Dominion	O	1001.3	-1	SSE	4-5	c
	50	11	Montezuma	O	1011.8	-	S	4-5	b		49	9	Oceanic	H	1012.5	+4	S	4-5	b
10th 6pm	52	22	Campania	H	1009.1	-1	ENE	1-3	f		50	11	Gramplan	H	1011.2	+3	SE	4-5	c
	55	20	Tunisian	O	1009.1	-4	SE	4-5	o	7am	54	21	Megantic	H	1009.1	+1	ESE	4-5	r
	55	16	Megantic	H	1010.8	-1	ESE	4-5	r		55	16	Tunisian	O	1015.9	-3	SSE	4-5	bc

## 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	...	74	48	b	bc	12.0	England, S.E.	Margate	...	67	56	b	b	13.1
	Stonehaven	...	68	54	bz	om	5.4		Ramsgate	...	68	54	b	b	12.8
	Carnoustie	...	62	52	*	*	8.9		Folkestone	...	72	54	b	b	12.7
	St. Andrews	...	62	48	*	*	5.1		Hythe	...	76	47	b	b	12.5
	Banff	...	65	55	bc	bc-b	7.7		Littlestone	...	*	*	*	*	13.2
Eng. N.E.	Harrrogate	...	75	49	of	of	11.4	England, S.W.	Hastings	...	75	53	b	b	12.8
	Scarborough	...	64	50	of	of	3.5		Bexhill-on-Sea	...	72	55	b	b	13.6
	Skegness	...	68	57	b	bc	8.6		Eastbourne	...	71	51	b	b	13.0
Eng. N.W.	Douglas (I. of M.)	...	70	50	b	b	12.3	England, S.E.	Seaford	...	77	50	b	b	13.3
	Morecambe	...	75	49	b, bc	bc	13.0		Brighton	...	77	53	c, bc, b	b	13.2
	Blackpool	...	80	49	bz	bc, b	13.5		Worthing	...	75	55	b	b	13.5
	Southport	...	80	49	bz	bc, b	13.5		Littlehampton	...	74	55	b	b	13.2
Mid-lands.	Buxton	...	74	48	b	b	12.1	England, S.W.	Bognor	...	72	55	b	b	13.2
	Leamington Spa	...	77	51	bc	b	12.8		Southsea	...	76	57	b	b	13.0
	Malvern	...	78	56	b	b	12.0		Ryde	...	72	55	b	b	13.0
Wales.	Rhyl	...	76	48	b	b	13.2	England, S.W.	Ventnor	...	72	57	*	*	13.3
	Colwyn Bay	...	69	51	bc	b, bc	10.1		Bournemouth	...	72	52	b	b	12.0
	Llandudno	...	68	53	b	b	11.8		Weymouth	...	76	50	b	b	12.5
	Bettws-y-Coed	...	78	47	bz	bz	10.5		Exmouth	...	69	52	b	b	12.5
	Aberystwyth	...	79	53	c, b	b, bc	12.7		Teignmouth	...	67	51	b	b	13.0
England, E.	Tenby	...	71	52	b	b	12.4	England, S.W.	Torquay	...	69	53	b	b	12.8
	Croner	...	72	57	b, bc	m	8.5		Paignton	...	67	50	b	b	12.5
	Lowestoft	...	70	57	b	bc, of	13.6		Plymouth	...	71	54	bc, b	bc, b	13.2
	Felixstowe	...	69	?	b	b	13.6		Falmouth	...	65	57	b	b	11.9
	Walton-on-Naze	...	71	56	b	b	13.3		Bude	...	75	52	b	b	13.5
	Southend-on-Sea	...	75	57	b	b	14.5		Hfracombe	...	76	58	b	b	13.3
									Weston-super-Mare	...	79	57	b	b	12.0

## 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.											
	%	%	Hr.	° F.	° F.	° F.	mm.‡				
Greenwich (Royal Obs.) ...	46	84	14.7	78	57	49	—	b	b. o	c. b	
City (Bunhill Row) ...	*	*	11.7	*	*	*	*	*	*	*	
Westminster (St. James's Pk.)	55	92	12.2	77	59	57	—	b	b. bc	om	
Camden Sq. (Brit. Rainfall)	50	83	11.1	80	58	55	—	c. bc	b	*	
Hampstead (Reservoir) ...	*	90	12.7	75	56	53	—	bc	bc	o	
Richmond Park	*	*	13.1								
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.)	51	91	13.0	2104 Joules			359 Milliwatts.			840 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.	-	67	56	55	c.c.b	c.c.b	bc	*
Darwen to 9 p.m.	-	75	49	44	bcw	bc	bc	11.5
Manchester „	-	79	52	*	bc	b	b	11.3
Birmingham „	-	77	56	44	b	b	b	13.7
Oxford to 8 p.m.	*	78	52	48	bcgw	bz	bz	*
S. Kensington (Museum Grounds to 5 p.m.)	-	77	58	49	c.	c.bc.b.	b	*

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

	11th & 12th July, 1914.	Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth	...	3.44 3.45	11.58 11.58	8.13 8.12
Greenwich	...	3.57 3.58	12.5 12.5	8.13 8.12
Wick	...	3.23 3.25	12.17 12.17	9.10 9.9
Valencia	...	4.35 4.36	12.46 12.46	8.58 8.57

## NOTES ON YESTERDAY'S WEATHER.

Temperature exceeded 70° in many parts of this country, and touched 80° at Southport. Rain fell at a few places in the far west, a thunderstorm visiting Kerry, lightning was seen at Roche's Point, and thunder heard at Liverpool. As a rule the bright sunshine records were very large, up to 14 ½ hours at Clacton. As far west as the 23rd meridian ships experienced light to fresh Southerly to Easterly breezes and variable weather, some rain and fog.

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-haz. or smoke.

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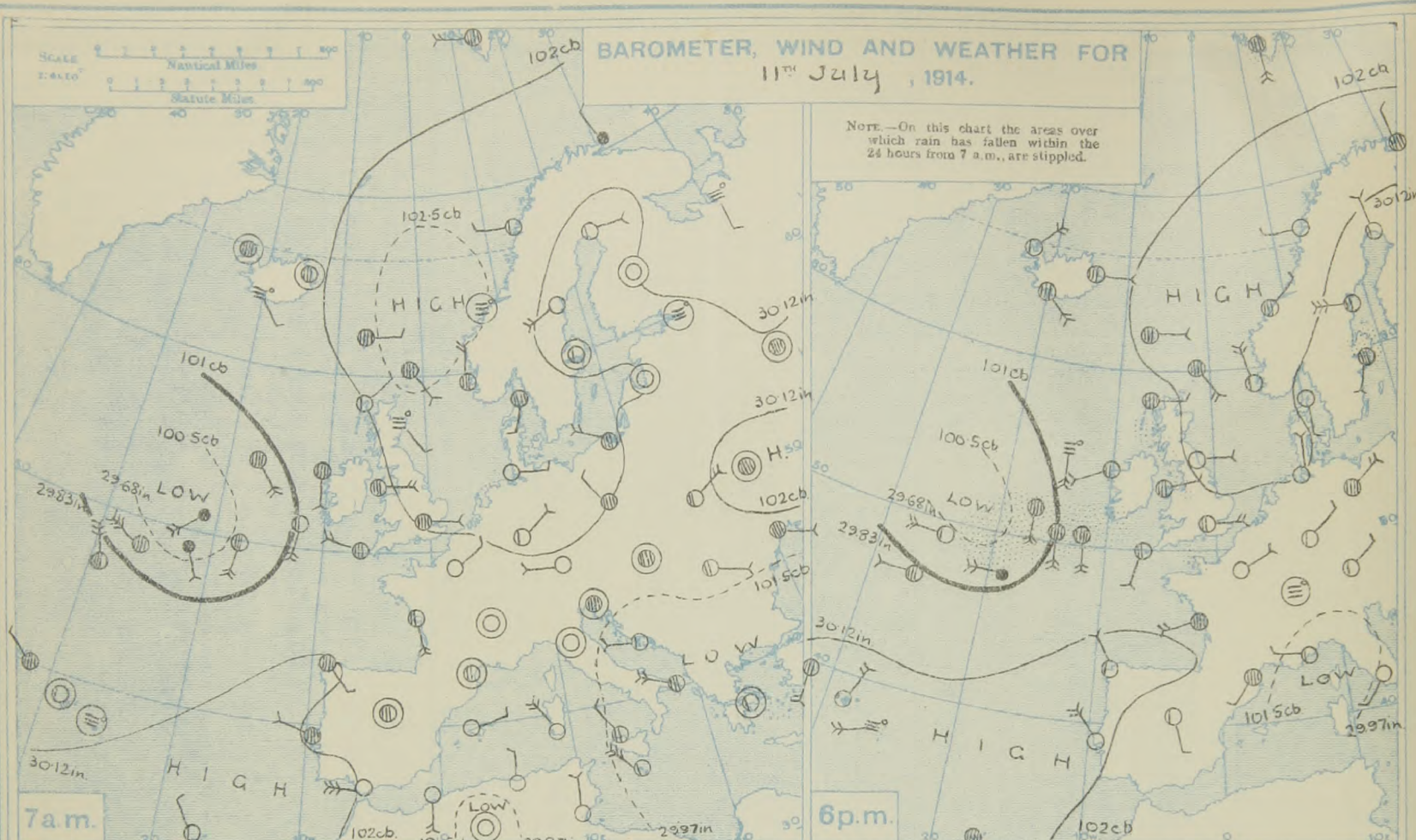


12th July, 1914.

100 millibars to one pound  
and a half per square inch.

† The barometric change is expressed in half inches.





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

**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

**FURTHER OUTLOOK.**

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.
		Eskdalemuir.	Eskdalemuir.	St. Farnboro'	St. Farnboro'	Upavon.	St. Farnboro'	Eskdalemuir.					
	7 <sup>th</sup> 14 h.	8 <sup>th</sup> 11 h.	9 <sup>th</sup> 7 h.	9 <sup>th</sup> 10 h.	10 <sup>th</sup> 8 h.	10 <sup>th</sup> 8 h.	10 <sup>th</sup> 8 h.	10 <sup>th</sup> 12 h.					
Heights in Kilometres.	11												
	10												
	9												
	8												
	7												
	6												
	5												
	4												
	3												
	2												
Heights in Kilometres.	1												
	0.5												
	0												
<b>Station</b>													
<b>Date &amp; Hour.</b>													
St. Farnboro'													
11 <sup>th</sup> 10 h.													
Heights in Kilometres.	5												
	4												
	3												
	2												
	1												
	0.5												
	0												

Millions of Feet

1050

1040

1030

1020

1010

1000

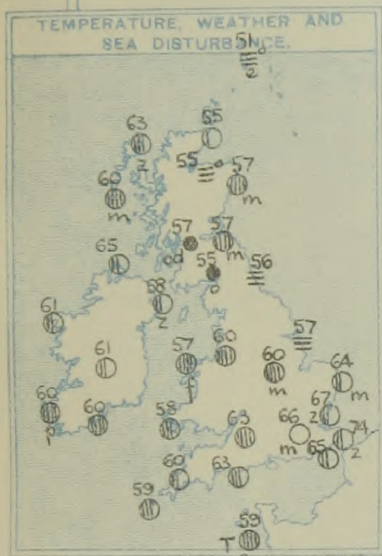
990

980

970



# SYNOPTIC CHART FOR 7 a.m., Sunday, 12<sup>TH</sup> JULY, 1914.



Inches  
31

30

29

SCALE 1:2 x 10<sup>6</sup>  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea.

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

Barometer H

Bar rising

slight changes and irregular

## EXPLANATION.

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

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

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

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

WEATHER.—Shown by the following symbols:—

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

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

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

⚡, thunderstorm.

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



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading	Change in 3 hours.	Dir.	Force.	
12th Jan	49	12	Kronland	H	1014.5	+3	W	1-3	0	11th 6pm	50	14	Montezuma	O	1010.5	-4	S	4-5	0
"	49	12	Menominee	O	1015.6	0	WSW	4-5	0	"	56	13	Virginian	O	1011.5	-5	S	4-5	0
"	51	11	Aguilón	O	1015.2	-6	SSE	4-5	0	"	49	13	Minnewaska	H	1011.5	+3	SSE	6-7	0
11th 8pm	47	25	Manitou	O	1012.5	0	W	1-3	0	"	50	12	Montcalm	H	1009.1	0	S	4-5	0
"	49	23	Dominion	O	1005.7	+3	W	4-5	0	"	55	10	Campania	H	1006.2	+1	SSE	4-5	0
"	43	17	Kronland	H	1006.7	+1	W	4-5	0	"	47	23	Manitou	H	1010.3	+1	NNW	6-7	0
"	51	16	Andania	O	1007.4	-3	S	4-5	0	"	48	25	Philadelphia	O	1006.4	+6	WNW	6-7	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.	
Scotland.	Oban	...	...	...	...	...	...	England, S.E.	Margate	...	...	...	...	...	...
	Stonehaven	...	...	...	...	...	...		Ramsgate	...	...	...	...	...	...
	Carnoustie	...	...	...	...	...	...		Folkestone	...	...	...	...	...	...
	St. Andrews	...	...	...	...	...	...		Hythe	...	...	...	...	...	...
England, N.W.	Scarborough	...	...	...	...	...	...	England, S.W.	Littlestone	...	...	...	...	...	...
	Harrogate	...	...	...	...	...	...		Hastings	...	...	...	...	...	...
	Skegness	...	...	...	...	...	...		Bexhill-on-Sea	...	...	...	...	...	...
	Douglas (I. of M.)	...	...	...	...	...	...		Eastbourne	...	...	...	...	...	...
Mid-lands.	Morecambe	...	...	...	...	...	...	England, S.W.	Seaford	...	...	...	...	...	...
	Blackpool	...	...	...	...	...	...		Brighton	...	...	...	...	...	...
	Southport	...	...	...	...	...	...		Worthing	...	...	...	...	...	...
	Buxton	...	...	...	...	...	...		Littlehampton	...	...	...	...	...	...
Wales.	Leamington Spa	...	...	...	...	...	...	England, S.W.	Bognor	...	...	...	...	...	...
	Malvern	...	...	...	...	...	...		Southsea	...	...	...	...	...	...
	Rhyl	...	...	...	...	...	...		Ryde	...	...	...	...	...	...
	Colwyn Bay	...	...	...	...	...	...		Ventnor	...	...	...	...	...	...
England, E.	Llandudno	...	...	...	...	...	...	England, S.W.	Bournemouth	...	...	...	...	...	...
	Bettws-y-Coed	...	...	...	...	...	...		Weymouth	...	...	...	...	...	...
	Aberystwyth	...	...	...	...	...	...		Exmouth	...	...	...	...	...	...
	Tenby	...	...	...	...	...	...		Teignmouth	...	...	...	...	...	...
England, E.	Cromer	...	...	...	...	...	...	England, S.W.	Torquay	...	...	...	...	...	...
	Lowestoft	...	...	...	...	...	...		Paignton	...	...	...	...	...	...
	Felixstowe	...	...	...	...	...	...		Plymouth	...	...	...	...	...	...
	Walton-on-Naze	...	...	...	...	...	...		Falmouth	...	...	...	...	...	...
England, E.	Southend-on-Sea	...	...	...	...	...	...	England, S.W.	Bude	...	...	...	...	...	...
		...	...	...	...	...	...		Ilfracombe	...	...	...	...	...	...
		...	...	...	...	...	...		Weston-super-Mare	...	...	...	...	...	...
		...	...	...	...	...	...			...	...	...	...	...	...

## 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.)	49	67	8.6	82	58	4.9	bc	b	b. o
City (Bunhill Row)	"	"	6.7	"	"	"	"	"	"
Westminster (St. James's Pk.)	53	74	7.0	80	63	5.9	bc	bc	om. c
Camden Sq. (Brit. Rainfall)	52	67	7.7	86	60	5.6	o. bc	p. bc	"
Hampstead (Reservoir)	"	73	7.4	79	60	5.7	bc	bc	bm
Richmond Park	"	"	7.3						
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.)				1713 Joules		293 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.					
Dublin to 4 p.m.	-	72	58	59	o. c	o. c. b	bcg	"
Darwen to 9 p.m.	-	75	54	49	bcw	bc	bc	11.2
Manchester	-	79	57	"	b. bc	bc	bc. b	9.7
Birmingham	-	79	55	49	"	c	c	9.4
Oxford to 8 p.m.	"	82	56	53	bcg	b. bcg	b. bcg	"
S. Kensington (Museum Grounds to 6 p.m.)	-	81	58	57	o. c	c. o. g	o. g	"

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

12th, 13th July, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 3.45 3.46	G.M.T. 11.58 11.58	G.M.T. 8.42 8.41
Greenwich	3.58 3.59	12.5 12.5	8.42 8.42
Wick	3.25 3.27	12.17 12.17	9.49 9.48
Valencia	4.36 4.37	12.46 12.46	8.57 8.56

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 80° or a little higher in some parts of central and southern England, but remained below 70° at many stations in the west and north of the Kingdom. Bright sunshine was abundant except in some Welsh and Scottish localities. Thunderstorms occurred in the Channel Islands and Lancashire, the rain being heavy, 32 millimetres (1.26 in.), at Jersey. According to wireless reports light to fresh breezes between West and South-West prevailed as far west as the 27th meridian.

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.

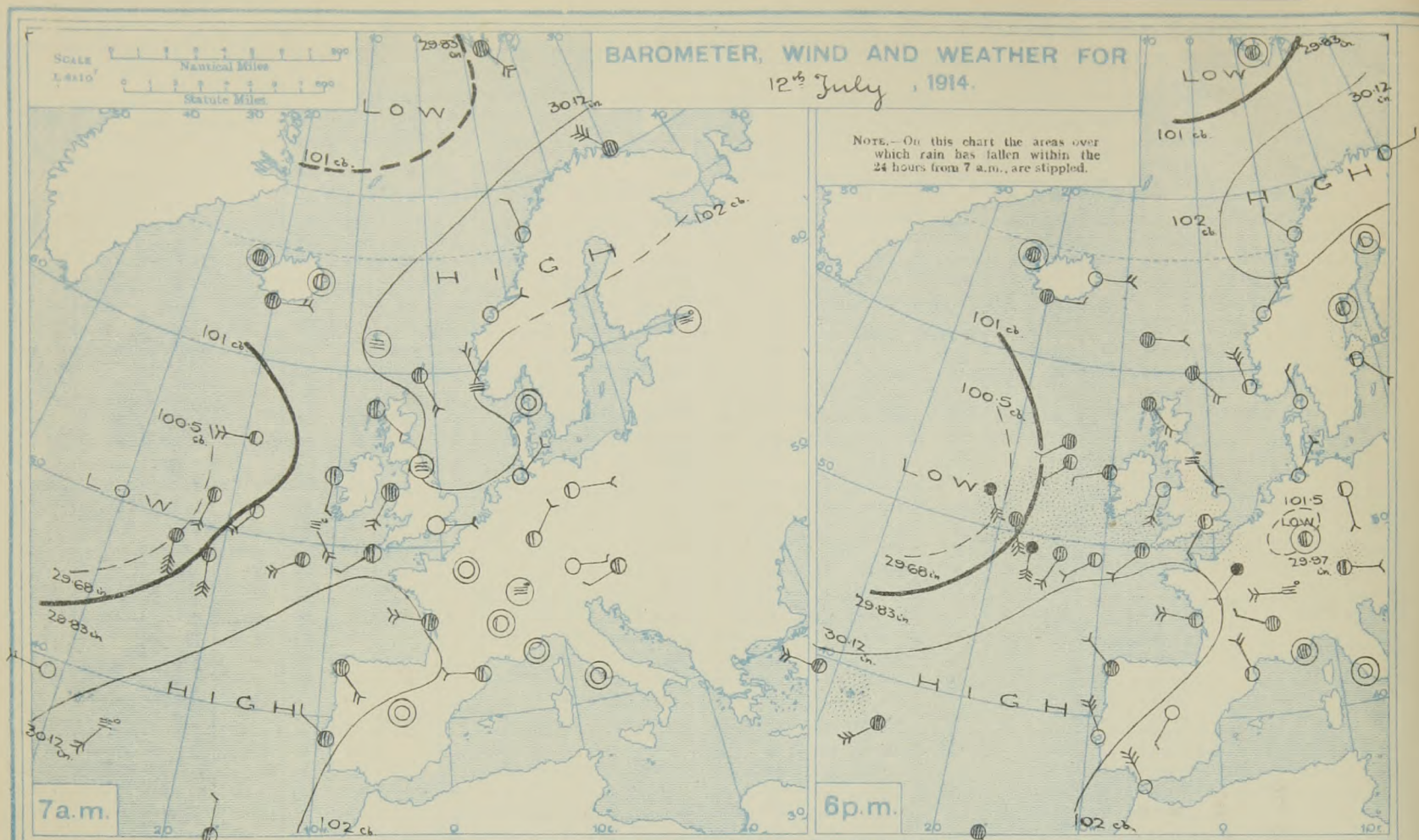
Monday,

13th July,

1914.

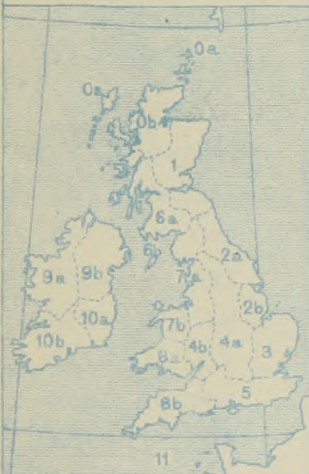
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.  Hours.
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer.		Temp.		WIND.		Direc. of Upper Cloud.	Weather.	Sea (0-9).	Rain- fall. Milli- metres.	Temp.		Weather.			
				Direc.	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.	
		°F.					°F.	°F.								°F.	°F.					
BRITISH ISLANDS.	Lerwick ...	1019.3	54	SE	3	om	1018.2	-1	55	+4	SSE	3	-	p	2	-	55	50	m	om	dmfe	*
	Stornoway ...	1016.1	63	SSE	3	oz	1016.6	0	62	-1	S	1	-	b	1	0.3	72	53	p.c. by	b. oz	oz. b	5.5
	Castlebay (Barra Isd.)	1015.5	62	SSE	2	om	1015.4	0	57	-3	SE	3	-	-	4	-	63	57	o.c.m	com	om.e.b	6.5
	Glasgow ...	1017.4	64	3	1	o	1018.6	0	55	-2	SE	2	SW	c	7	65	51	dp.o.c.o	o.c.p	o.e.bcm	0.4	
	Eskdalemuir ...	1018.4	59	SSE	2	omr	1018.9	0	58	-1	SW	2	-	o	8	72	53	or	adm	om.o	4.4	
	Malin Head ...	1015.0	64	E	1	c	1015.2	0	59	-6	SSE	2	S	b	0	-	73	58	bc	c	bz	0.7
	Blackhead Point	1013.9	62	W	2	cmp	1013.1	-3	59	-2	SSW	3	SW	c	3	0.2	66	55	bc.cmp	cmp	om.c	*
	Valencia ...	1017.3	58	WSW	2	o	1011.2	-3	61	+1	SE	5	-	o	4	1	62	54	omp	om	c	0.0
	Roches Point	1017.1	62	S	4	b	1015.5	*	58	-2	SE	4	-	o	4	0.3	64	55	odf	om.e.b	bc.ome	*
	Birr Castle ...	1015.6	68	SE	3	c	1015.5	*	58	-3	SE	3	-	c	*	-	72	56	c	c	c	8.3
	Donaghadee ...	1016.3	60	SSE	3	bc	1017.3	0	57	-1	S	3	S	cm	2	-	69	54	bcg	bcg	bcg.om	*
	Liverpool (Bidston)	1018.2	61	-	0	c	1018.6	0	61	+1	ENE	1	SE	bc	1	5	64	57	or	o.c	bm	0.6
	Holyhead ...	1019.4	63	SSW	4	b	1019.4	0	60	+3	SSW	3	-	c	2	-	66	56	o.c.f.c	o.c.bc.b	b.b.c.b	9.0
	Pembroke (St. Ann's)	1019.0	64	SW	3	c	1018.8	0	58	0	SSW	3	SW	c	2	0.3	64	57	c	c	bc	7.6
	Newquay ...	1019.0	62	SW	2	o	1018.5	0	61	+1	S	4	-	o	3	-	69	54	bc.bv	bc.vr	e	7.0
	Scilly (St. Mary's)	1018.9	62	WSW	2	ov	1017.5	-1	59	0	S	4	S	cm	4	1	66	56	bc	bc	cr.ome	3.2
	Jersey (St. Aubin)	1021.0	65	WNW	3	b	1022.1	*	61	+2	SW	2	-	og	1	-	66	57	t.b.c.b	b.og	b.og	10.3
	Portland Bill ...	1019.5	68	WSW	3	b	1021.2	+1	60	-3	SW	1	-	e	2	Trace	64	57	bc.p	bc	b.bc	*
	Dungeness ...	1017.9	63	SW	3	o	1019.4	0	64	-1	W	1	-	b	1	0.4	72	59	bc.o	op.o	bc.b	*
	Dover ...	1017.8	67	SW	3	c	1019.6	*	66	-8	S	1	-	bcg	2	Trace	79	59	bc.b	b.bep.c	c.b.c.m	8.6
Wick ...	1016.6	57	SSE	2	m	1017.0	0	56	+1	SSE	1	-	f	2	-	59	53	bm	bm	om.bcf	*	
Nairn ...	1016.1	64	W	1	r	1016.5	*	63	+8	-	0	-	bcm	1	10	66	55	bcm	bcm	bm.c	2.6	
Aberdeen ...	1018.1	59	S	4	o	1017.7	0	59	+2	SSE	2	-	o	2	-	61	56	om	a	om	0.1	
Leith ...	1017.7	59	NE	1	r	1018.2	+1	58	+1	W	2	W	b	*	8	63	54	om	og.otr	r	*	
Tynemouth ...	1018.1	60	SE	2	m	1019.3	0	61	+5	NW	2	-	cm	2	-	64	54	cmp	cmp	bcm	1.2	
Spurn Head ...	1019.6	60	-	0	f	1018.6	0	61	+4	NW	2	-	f	3	Trace	62	56	f	f	f	0.0	
Yarmouth ...	1017.5	66	SE	1	bc	1019.1	0	64	0	N	1	-	cm	1	-	69	62	bcm	bc	c.cm	13.0	
Clacton-on-Sea ...	1016.9	67	WNW	2	oc	1018.6	0	66	-1	W	1	-	om	0	1	71	59	bc.oz	cu.otp	o.beom	5.4	
Nottingham ...	1017.6	69	NE	1	c	1019.0	*	61	+1	S	1	-	f	*	8	71	59	o.c	cr.cm	c.om	1.3	
Bath ...	1017.9	68	W	3	b	1020.3	*	63	0	WSW	1	SW	bc	*	2	72	53	tr.o	o.b.c.b	b.b.c	1.2	
London (Kew Obsy.)	1017.9	71	SW	1	bc	1019.9	+1	61	-5	SW	2	-	om	*	5	72	59	bc.otr	om.e.b.c	bc.om	3.0	
ICELAND, FAEROE, &c.	Spitzbergen ...	1009.0	41	-	0	o	1013.0	+3	40	-1	WNW	3	*	b	*	-	43	37	*	*	*	*
	Isafjord ...	1017.0	57	-	0	o	1017.0	0	50	0	E	1	*	o	*	*	*	*	*	*	*	*
	Reykjavik ...	1016.3	60	ESE	2	o	1014.9	0	52	-3	-	0	*	r	*	*	*	*	*	*	*	*
	Vestmanna ...	1015.9	51	E	1	o	1014.1	-2	51	+1	-	0	*	c	1	*	*	*	*	*	*	*
	Seydisfjord ...	1017.0	63	E	3	b	1016.7	-1	46	-4	-	0	*	f	*	*	*	*	*	*	*	*
	Thorshavn ...	1019.1	51	E	2	o	1017.3	0	50	-1	-	0	*	f	*	*	*	*	*	*	*	*
NORTHERN EUROPE.	Vardö ...	1021.2	48	E	1	b	1017.6	0	48	-4	NW	6	-	o	3	*	52	46	*	*	*	*
	Bodö ...	1023.8	55	NW	1	b	1020.3	0	61	+6	NNW	1	-	b	1	-	61	50	*	*	*	*
	Christiansund	1019.5	61	NE	3	b	1019.0	0	55	-2	NE	1	-	f	2	-	66	55	*	*	*	*
	Skudesnaes ...	1018.1	63	NNW	5	b	1018.3	0	61	+2	N	2	-	o	1	-	66	59	*	*	*	*
	Færder (Xantia Fjord)	1017.3	70	SW	2	b	1017.3	0	70	+2	SW	2	-	b	1	-	73	68	*	*	*	*
	The Scaw (Skagen)	1018.3	75	NNW	1	b	1018.4	0	66	0	WNW	1	W	b	2	-	77	59	*	*	*	*
	Blaavands Huk	1019.1	64	NW	1	b	1019.3	0	63	+2	-	0	-	m	0	-	66	52	*	*	*	*
	Haparanda ...	1019.1	70	-	0	b	1015.9	-1	72	-	NNE	2	-	b	*	-	75	63	*	*	*	*
CENTRAL EUROPE.	Hernösand ...	1017.6	68	-	0	bc	1016.8	0	66	-	-	0	NW	bc	*	11	70	61	*	*	*	*
	Stockholm ...	1016.8	75	SE	2	b	1016.6	+2	70	-	WSW	2	-	o	*	Trace	79	66	*	*	*	*
	Wisby ...	1017.3	73	N	2	bc	1017.3	-2	75	-	WSW	2	W	b	*	-	81	64	*	*	*	*
	Karlstad ...	1016.2	81	SSW	2	bc	1017.1	0	72	-	NNE	2	-	bc	*	-	86	61	*	*	*	*
	St. Petersburg ...	1017.1	73	ENE	1	m	1017.3	0	72	-1	SSE	1	-	m	*	-	86	66	*	*	*	*
	Berlin ...	1016.3	81	SE	2	b	1017.3	+1	73	+3	NE	1	-	b	*	-	84	64	*	*	*	*
	Frankfurt ...	1015.0	82	-	0	c	1018.3	+3	72	+2	NW	3	-	m	*	-	82	61	*	*	*	*
	Munich ...	1015.5	71	E	2	c	1019.1	+2	64	-4	NW	4	-	r	*	Trace	79	61	*	*	*	*
FRANCE.	Vienna ...	1017.7	70	NNE	2	b	1017.7	0	68	+4	E	2	E	bc	0	-	73	64	*	*	*	*
	Cuxhaven ...	1017.4	72	NE	3	b	1019.1	+2	68	+4	NE	3	S	b	1	-	73	63	*	*	*	*
	The Helder ...	1020.4	64	-	0	*	1020.4	+2	64	-6	WSW	1	-	o	*	-	86	59	*	*	*	*
	Brussels ...	1017.9	62	SW	4	o	1017.9	0	63	-6	SW	4	-	o	2	Trace	81	59	*	*	*	*
	C. Gris Nez ...	1021.0	61	NNW	2	bc	1022.1	*	59	-2	NW	3	-	c	3	3	79	57	*	*	*	*
	La Hève ...	1020.8	63	SW	2	m	1019.7	*	60	+1	SSE	3	-	o	3	-	70	55	*	*	*	*
	Ushant ...	1022.3	64	SW	2	b	1019.7	0	61	+1	SE	3	-	o	2	-	70	57	*	*	*	*
	Brest (St. Mathieu)	1021.3	66	WNW	4	bc	1021.7	0	64	0	NNE	3	-	b	*	-	70	59	*	*	*	*
SOUTHERN EUROPE.	Rochefort (Ile d'Aix)	1025.0	68	NNE	2	c	1021.5	0	68	+4	E	1	-	b	1	-	72	63	*	*	*	*
	Biarritz ...	1018.4	68	N	3	c	1021.2	+1	64	-4	NNW	1	-	o	*	1	84	61	*	*	*	*
	Paris ...	1017.1	73	W	4	m	1021.6	*	64	-4	WSW	2	-	o	*	-	85	61	*	*	*	*
	Belfort ...	1017.6	75	WNW	1	o	1020.6	*	69	-3	NW	2	-	bc	*	-	84	63	*	*	*	*
	Lyons ...	1016.2	67	-	0	c	1017.2	+1	71	0	-	0	-	bc	1	-	81	63	*	*	*	*
	Nice ...	1018.0	81	NW	3	b	1019.4	0	75	0	W	2	-	b	*	-	84	64	*	*	*	*
SOUTHERN EUROPE.	Perpignan	*	*	*	*	*	*	*	*													





**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

**FURTHER OUTLOOK.**

Light variable breezes, freshening Southerly later; fair to dull, some rain and mist, fog in places; warm, humid.

Increasing Southerly breezes, fresh or strong locally; cloudy to dull, some rain and mist; warm, humid.

Southerly and South-Westerly breezes, fresh or strong at times; sea slight to rather rough; fair to dull, some rain, mist or fog; warm.

Millib. Inches

1050

31

50

1040

30

1030

1020

1010

1000

990

980

970

23

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

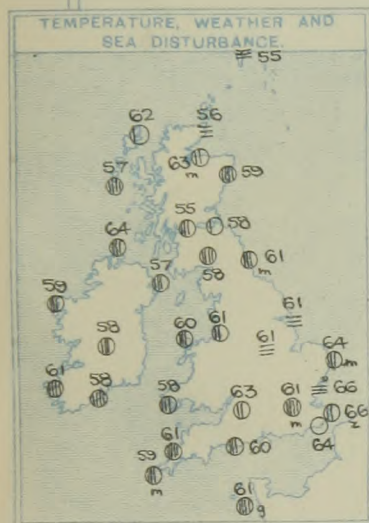
48



# SYNOPTIC CHART FOR 7 a.m., Monday, 13<sup>th</sup> JULY, 1914.

## GENERAL INFERENCE.

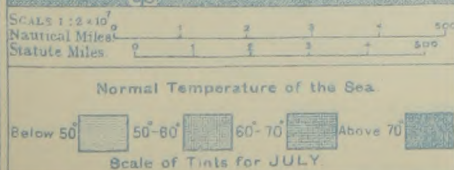
The depression off our western coasts will occasion a damp, Southerly type of weather over the country generally.



Inches  
— 31

30

29



## 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

sh or  
to dull,



## DAILY WEATHER REPORT.

Monday, 13th July, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
13th 7am	49	13	Manitou	H	mb. 1007.8	+5	WSW	(0-12)	6	12th 6pm	55	12	Testonic	O	mb. 1012.2	-3	SSW	(0-12)	4-5
12th 6pm	51	20	Montezuma	O	1002.0	-12	SSE	6-7	1	"	49	10	Minneapolis	O	1020.6	?	WSW	1-3	1-3
"	50	18	Aquitania	O	1010.5	-11	SSE	6-7	0	"	50	14	Aquitania	H	1018.9	+1	SW	1-3	1-3
"	50	17	Mauretania	H	1007.1	+1	SSE	6-7	0	"	49	23	Mauretania	H	1003.0	-2	S	8-9	8-9
"	49	16	Manitou	H	1007.1	0	S	6-7	1	"	51	21	Andania	O	1008.8	-1	SSW	4-5	4-5
"	55	14	Corsican	O	1009.1	-2	SW	4-5	0	"	48	20	Manitou	H	1010.5	-1	S	6-7	6-7
"	54	14	Caledonia	O	1012.5	0	SW	1-3	0	"	55	19	Virginian	O	1006.8	+1	W	4-5	4-5
"	49	14	Menominee	O	1015.9	0	SW	4-5	0	"	51	17	Montezuma	O	1012.8	+5	WSW	4-5	4-5

## 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	...	...	...	...	...	...	England, S.E.	Margate	...	...	...	...	...	...
	Stonehaven	...	...	...	...	...	...		Ramsgate	...	...	...	...	...	...
	Carnoustie	...	...	...	...	...	...		Folkestone	...	...	...	...	...	...
	St. Andrews	...	...	...	...	...	...		Hythe	...	...	...	...	...	...
Engl. N.E.	Harrogate	...	...	...	...	...	...	England, S.W.	Littlestone	...	...	...	...	...	...
	Scarborough	...	...	...	...	...	...		Hastings	...	...	...	...	...	...
	Skegness	...	...	...	...	...	...		Bexhill-on-Sea	...	...	...	...	...	...
Engl. N.W.	Douglas (I. of M.)	...	...	...	...	...	...		Eastbourne	...	...	...	...	...	...
	Morecambe	...	...	...	...	...	...		Seaford	...	...	...	...	...	...
	Blackpool	...	...	...	...	...	...		Brighton	...	...	...	...	...	...
Mid-lands.	Southport	...	...	...	...	...	...		Worthing	...	...	...	...	...	...
	Buxton	...	...	...	...	...	...		Littlehampton	...	...	...	...	...	...
	Leamington Spa	...	...	...	...	...	...		Bognor	...	...	...	...	...	...
Wales.	Malvern	...	...	...	...	...	...		Southsea	...	...	...	...	...	...
	Rhyl	...	...	...	...	...	...		Ryde	...	...	...	...	...	...
	Colwyn Bay	...	...	...	...	...	...		Ventnor	...	...	...	...	...	...
	Llandudno	...	...	...	...	...	...		Bournemouth	...	...	...	...	...	...
	Bettws-y-Coed	...	...	...	...	...	...		Weymouth	...	...	...	...	...	...
England, E.	Aberystwyth	...	...	...	...	...	...		Exmouth	...	...	...	...	...	...
	Tenby	...	...	...	...	...	...		Teignmouth	...	...	...	...	...	...
	Cromer	...	...	...	...	...	...		Torquay	...	...	...	...	...	...
	Lowestoft	...	...	...	...	...	...		Paignton	...	...	...	...	...	...
	Felixstowe	...	...	...	...	...	...		Plymouth	...	...	...	...	...	...

## 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 Obs.)	90	82	5.7	74	53	54	1	c.	c. r.
City (Bunhill Row)	...	...	4.3	...	...	...	...	...	...
Westminster (St. James's Pk.)	98	90	4.4	75	60	59	4	odp	t. bc
Camden Sq. (Brit. Rainfall)	...	85	4.0	76	60	57	3	...	bc o
Hampstead (Reservoir)	...	94	3.5	75	58	56	3	copl	om
Richmond Park	...	...	3.1	...	...	...	...	...	...
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.)				104.9 Joules		180 Milliwatts			

## 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.	...	78	57	56	bc	bc
Darwen to 9 p.m.	...	...	...	...	...	...
Manchester	...	...	...	...	...	...
Birmingham	8	72	63	57	...	...
Oxford to 8 p.m.	...	75	60	55	bc o	bc o
S. Kensington (Museum Grounds to 6 p.m.)	5	76	63	57	bc oc	ca tr

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

13th July, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 3.46	G.M.T. 11.58	G.M.T. 8.11
Greenwich	3.47	11.59	8.10
Wick	3.59	12.5	8.12
Valencia	4.0	12.6	8.11
	3.27	12.17	9.8
	3.29	12.18	9.6
	4.37	12.46	8.56
	4.38	12.47	8.55

## NOTES ON YESTERDAY'S WEATHER.

Temperature exceeded 75° locally in the south of England. Thunderstorms occurred in many places, and there was considerable rainfall locally, 35 millimetres at Rhyl. The bright sunshine records differed greatly, from none in several instances to 13 hours at Yarmouth. As far west as the 25th meridian ships experienced Westerly to Southerly winds, light to strong or gale, with cloudy to dull weather, and some rain.

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.

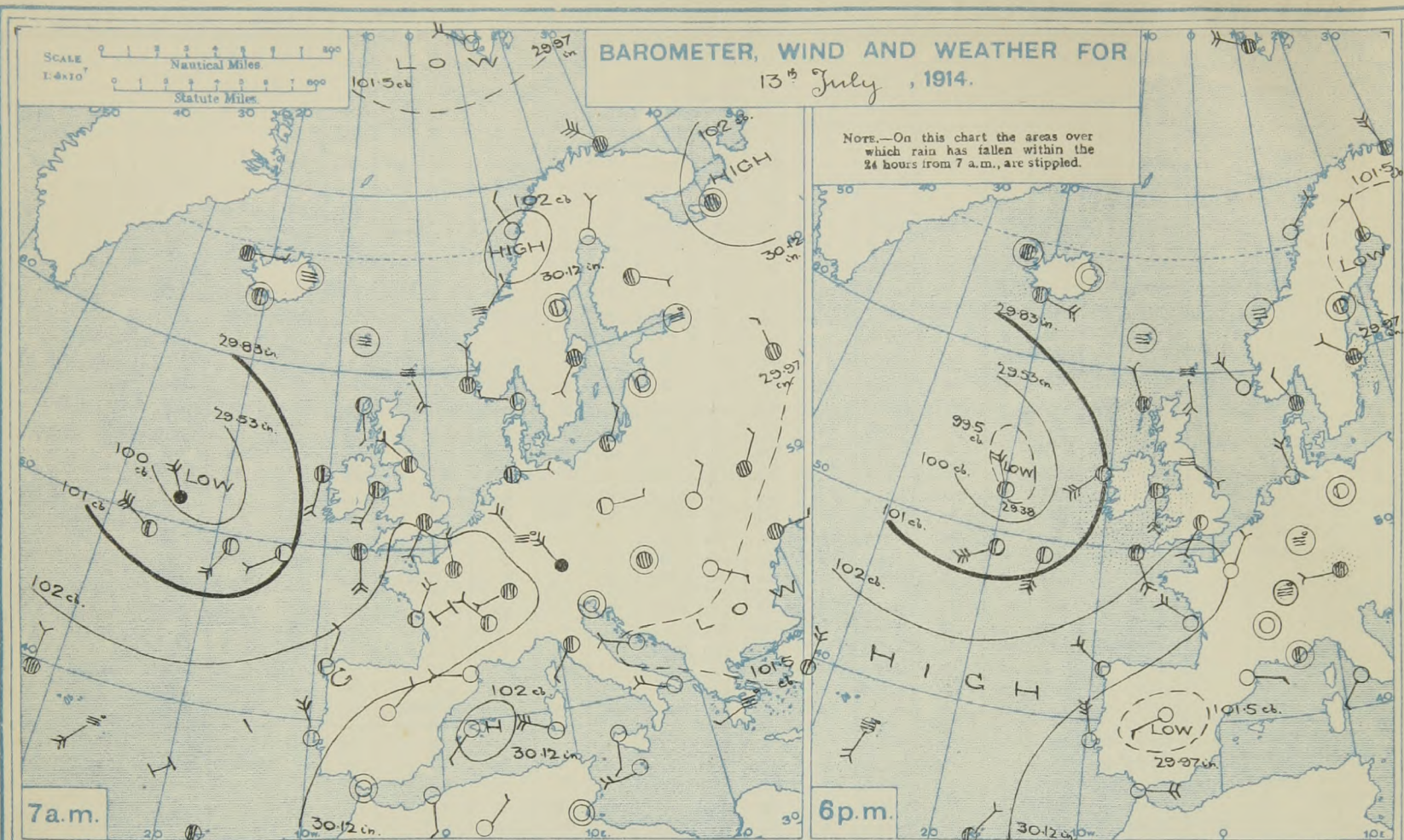
Tuesday,  
14th July, 1914.

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.	Milli- bars at M.S.L.	Change in 3 hours.	°F.	°F.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.								
				Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.						
																						°F.	°F.	f.	fe	fe	
BRITISH ISLANDS.	Lerwick ...	1018.0	56	SSE	3	fe	1016.6	-1	56	+1	SSE	3	-	f	2	-	57	54	f.	fe	fe	*					
	Stornoway ...	1015.4	68	NNW	2	o	1012.4	-3	60	-2	E	1	-	omdp	1	0.4	69	55	bcg	bc.og	b.omdp	10.3					
	Castlebay (Barra Isd.)	1013.8	60	E	4	b	1010.0	-2	57	0	E	4	-	r	4	5	62	56	o.bc.o	o.b	b.op.r	6.3					
	Glasgow ...	1016.5	65	SW	1	bc	1013.3	-1	59	+4	ESE	2	-	eg	*	Trace	71	55	o.c	c.bc.c	bc.d.op	8.0					
	Eskdalemuir ...	1017.3	64	SW	4	c	1013.7	-2	63	+5	SSE	4	S	cu	*	-	68	50	o.c	c.	c.o.cu	7.5					
	Malin Head ...	1011.5	66	SSE	5	bc	1009.4	-2	61	+2	S	3	S	c	1	5	72	55	bg	bcpg	cmp	5.5					
	Blacksod Point	1009.8	62	SW	6	bc	1006.8	0	56	-3	SW	3	SW	cp	3	2	66	54	c.cr	cr.bc	bcp	*					
	Valencia ...	1010.5	64	SSE	4	b	1006.4	-3	57	-4	SSE	2	S	cp	4	6	65	55	orm	bc	cr	6.3					
	Roche's Point	1014.1	61	SSE	3	o	1010.6	*	59	+1	SW	3	SW	c	4	2	64	52	orm	o.corn	o.o.c	*					
	Birr Castle ...	1012.4	66	S	4	a	1009.3	*	59	+1	S	3	S	c	*	1	71	56	c.o	o.c	gpc	3.2					
	Donaghadee ...	1015.7	56	SSE	4	om	1010.9	-3	58	+1	S	3	S	omr	3	7	62	55	bc	om	om.omr	*					
	Liverpool (Bidston)	1017.3	67	SW	1	o	1014.2	-1	63	+2	SE	3	S	bc	2	1	71	60	bc	c	cp	4.2					
	Holyhead ...	1017.8	64	S	4	c	1013.3	-2	60	0	S	4	S	c	3	3	67	58	bc	c	c.omr	3.2					
	Pembroke (St. Ann's)	1016.8	59	SSW	4	o	1015.6	0	59	+1	SW	4	SW	cg	4	5	61	57	c	cp	cgp	0.2					
Newquay ...	1017.1	63	S	3	o	1014.6	+1	62	+1	SW	3	SW	bc	3	2	68	59	o.bc	bc.op	cp	1.6						
ICELAND, FAEROE, &c.	Scilly (St. Mary's)	1016.0	60	SSE	4	cpm	1014.6	+1	59	0	SSW	3	SW	bcm	4	3	64	56	cpm	cpm	cmr.cp	0.7					
	Jersey (St. Aubin)	1020.1	70	SE	3	b	1018.4	*	65	+4	SW	2	SW	bc	1	-	71	59	c.b	b	c.o.bc	8.3					
	Portland Bill ...	1020.0	62	E	1	bc	1016.9	+1	62	+2	S	2	*	bc	2	-	66	59	c.bc	c.bc	c.bc	*					
	Dungeness ...	1019.3	65	WSW	4	b	1019.0	0	62	-2	S	1	S	b	2	-	68	59	b	bc	bcw	*					
	Dover ...	1023.5	67	SW	3	b	1019.1	*	65	-1	SW	2	-	b	2	Trace	65	59	3.bc.b	b	b	13.2					
	Wick ...	1015.5	58	SE	2	m	1014.5	-1	55	-1	SSE	2	-	fe	3	-	61	52	f.bcm	bcm	bcm.fe	*					
	Nairn ...	1014.9	65	-	0	cf	1013.1	*	64	+1	-	0	-	cm	1	-	69	55	bef	bef	bcm	8.9					
	Aberdeen ...	1016.6	65	S	4	b	1015.5	0	57	-2	SSE	1	-	f	2	-	71	55	o.c.b	b	bf	9.4					
	Leith ...	1016.4	65	W	2	bc	1013.7	-3	65	+7	ESE	1	SE	bc	0	-	72	57	bc.c	c.bc	b.bc	*					
	Tynemouth ...	1017.7	60	ESE	2	f	1015.8	-1	58	-3	-	0	-	bef	2	-	68	56	bcm	bcm	f	6.3					
	Spurn Head ...	1018.3	64	SE	2	o	1017.9	-1	64	+3	SSE	3	S	bc	3	Trace	66	60	f	f.opom	om.c	1.7					
	Yarmouth ...	1018.9	62	SE	3	f	1018.3	+1	68	+4	W	1	-	bcm	0	-	69	61	bcm	bcm.f	b.bcm	3.9					
	Clacton-on-Sea	1018.3	69	SSE	2	cg	1018.9	0	67	+1	SW	2	W	bc	2	-	74	60	om.bcg	bc.cg	bcg	9.3					
	Nottingham ...	1018.0	71	SW	2	c	1016.8	*	65	+4	SSE	1	S	c	*	Trace	78	58	m.o.c	bc.c	c	5.6					
Bath ...	1019.3	69	SSW	1	c	1016.6	*	63	0	S	2	S	o	*	0.1	71	59	bc.o.c	c.o	cp.o	4.5						
London (Kew Obsy.)	1019.0	76	SW	2	bcv	1017.9	0	64	+3	SE	1	SW	cm	*	-	77	58	omebor	bcv	bcv.o.cm	8.5						
NORTHERN EUROPE.	Spitzbergen	1016.4	42	WNW	4	o	1016.7	0	44	+4	NW	1	*	b	*	-	45	30	*	*	*	*					
	Isafjord ...	1014.6	55	-	0	o	1016.3	+2	51	+1	-	0	*	f	*	-	*	*	*	*	*	*					
	Reykjavik	1015.5	51	N	2	r	1016.3	+2	52	0	-	0	*	o	*	-	*	*	*	*	*	*					
	Vestmanna	1014.0	51	ESE	4	c	1015.1	0	50	-1	-	0	*	c	0	-	*	*	*	*	*	*					
	Seydisfjord	1015.5	52	-	0	c	1016.8	0	50	+4	-	0	*	c	*	-	*	*	*	*	*	*					
	Thorshavn	1017.3	57	-	0	f	1016.2	-2	50	0	-	0	*	f	*	-	*	*	*	*	*	*					
CENTRAL EUROPE.	Vardö ...	1016.8	46	NNW	5	c	1018.4	0	48	0	?	4	-	o	4	-	50	46	*	*	*	*					
	Bodö ...	1018.7	63	NE	2	b	1018.0	0	61	0	N	1	N	b	0	-	64	54	*	*	*	*					
	Christiansund	1018.6	57	-	0	f	1018.1	0	55	0	-	0	-	f	2	-	61	54	*	*	*	*					
	Skudesnaes ..	1018.4	59	NW	3	o	1018.0	0	59	-2	NNW	2	-	o	1	-	63	55	*	*	*	*					
	Færder (Xania Fjord)	1017.0	66	SW	2	b	1017.6	0	68	-2	SSW	1	-	b	1	-	70	66	*	*	*	*					
	The Scaw (Skagen)	1017.9	75	NW	1	b	1018.1	+1	64	-2	-	0	-	bc	1	-	71	57	*	*	*	*					
	Blaavands Huk	1019.3	66	NW	2	b	1020.0	0	61	-2	-	0	-	o	1	-	66	55	*	*	*	*					
	Haparanda ...	1013.1	79	N	2	c	1017.6	0	68	-4	N	2	N	c	*	-	84	57	*	*	*	*					
FRANCE.	Hernösand	1015.1	70	-	0	bc	1017.1	0	70	+4	-	0	-	b	*	-	75	59	*	*	*	*					
	Stockholm	1018.7	68	NW	2	o	1018.1	0	72	+2	NE	2	-	bc	*	-	79	63	*	*	*	*					
	Wisby ...	1016.2	72	WNW	2	bc	1015.8	-1	73	-2	NW	2	-	b	*	-	77	64	*	*	*	*					
	Karlstad ...	1015.7	79	-	0	b	1017.0	0	70	-2	W	2	-	b	*	-	84	61	*	*	*	*					
	St. Petersburg	1015.5	77	W	1	c	1014.3	0	72	0	W	1	-	o	*	-	84	68	*	*	*	*					
	Berlin ...	1016.6	77	-	0	b	1017.9	0	75	+2	SE	1	-	b	*	-	86	66	*	*	*	*					
	Frankfurt...	1018.9	68	-	0	m	1020.0	+2	64	-8	NE	1	-	f	*	6	82	55	*	*	*	*					
	Munich ...	1018.9	68	W	2	o	1020.3	0	68	+4	W	2	-	bc	*	10	72	57	*	*	*	*					
SOUTHERN EUROPE.	Vienna ...	1018.4	68	NNW	3	b	1019.5	+1	66	-2	N	2	-	b	0	-	73	63	*	*	*	*					
	Cuxhaven ...	1018.4	68	NNW	3	b	1019.5	+1	66	-2	N	2	-	b	0	-	73	63	*	*	*	*					
	The Helder ...	1019.8	70	NE	2	b	1019.4	0	70	+2	SSE	1	-	c	0	-	72	61	*	*	*	*					
	Brussels ...	*	*	*	*	*	1020.0	0	68	+4	SW	1	-	c	*	-	79	59	*	*	*	*					
	C. Gris Nez ...	1019.9	64	SSW	4	bc	1018.7	0	68	+5	SSW	3	*	bc	1	-	70	57	*	*	*	*					
	La Hève ...	1021.3	63	NE	2	b	1019.5	*	63	+4	SE	2	*	bc	1	-	70	59	*	*	*	*					
	Ushant ...	1018.3	60	SE	3	b	1017.0	*	61	+1	SW	3	*	o	3	-	70	57	*	*	*	*					

Equivalents  
of  
Millibars in inches.

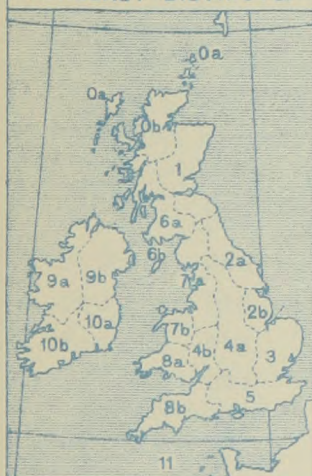
Millibars.	Inches of Mercury at 32° F. in Lat. 45.
940	27.76
950	28.05
960	28.35
970	28.65
980	28.94
990	29.24
1000	29.53
1010	29.83
1020	30.12</





**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.**

0 { <sup>a</sup> Light to moderate breezes between East and South; dull  
<sup>b</sup> generally, some rain, mist or fog; moderate temperature.

1 {  
2 { <sup>a</sup>  
<sup>b</sup> Light variable Southerly breezes; fair to fine; warm.

3 {  
4 { <sup>a</sup>  
<sup>b</sup> Light to moderate Southerly breezes; fair generally, local  
5 {  
6 { <sup>a</sup>  
<sup>b</sup> showers and mist; warm.  
7 { <sup>a</sup>  
<sup>b</sup>  
8 { <sup>a</sup>  
<sup>b</sup>  
9 { <sup>a</sup>  
<sup>b</sup>  
10 { <sup>a</sup>  
<sup>b</sup>

Western Channel and Bay. 11 { Southerly and South-Westerly breezes, mostly light; sea  
smooth; fair to fine, local mist or fog; warm.

**FURTHER OUTLOOK.**

Millibars

1050 31

1040

1030

1020

1010

1000

990

980

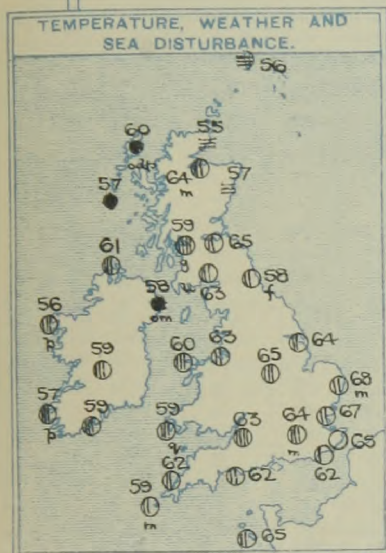
970



# SYNOPTIC CHART FOR 7 a.m., Tuesday, 14<sup>th</sup> JULY, 1914.

## GENERAL INFERENCE.

The changes of pressure are very slight, and afford no indication of an important variation in the weather.



Millinches.

31

104

103

30

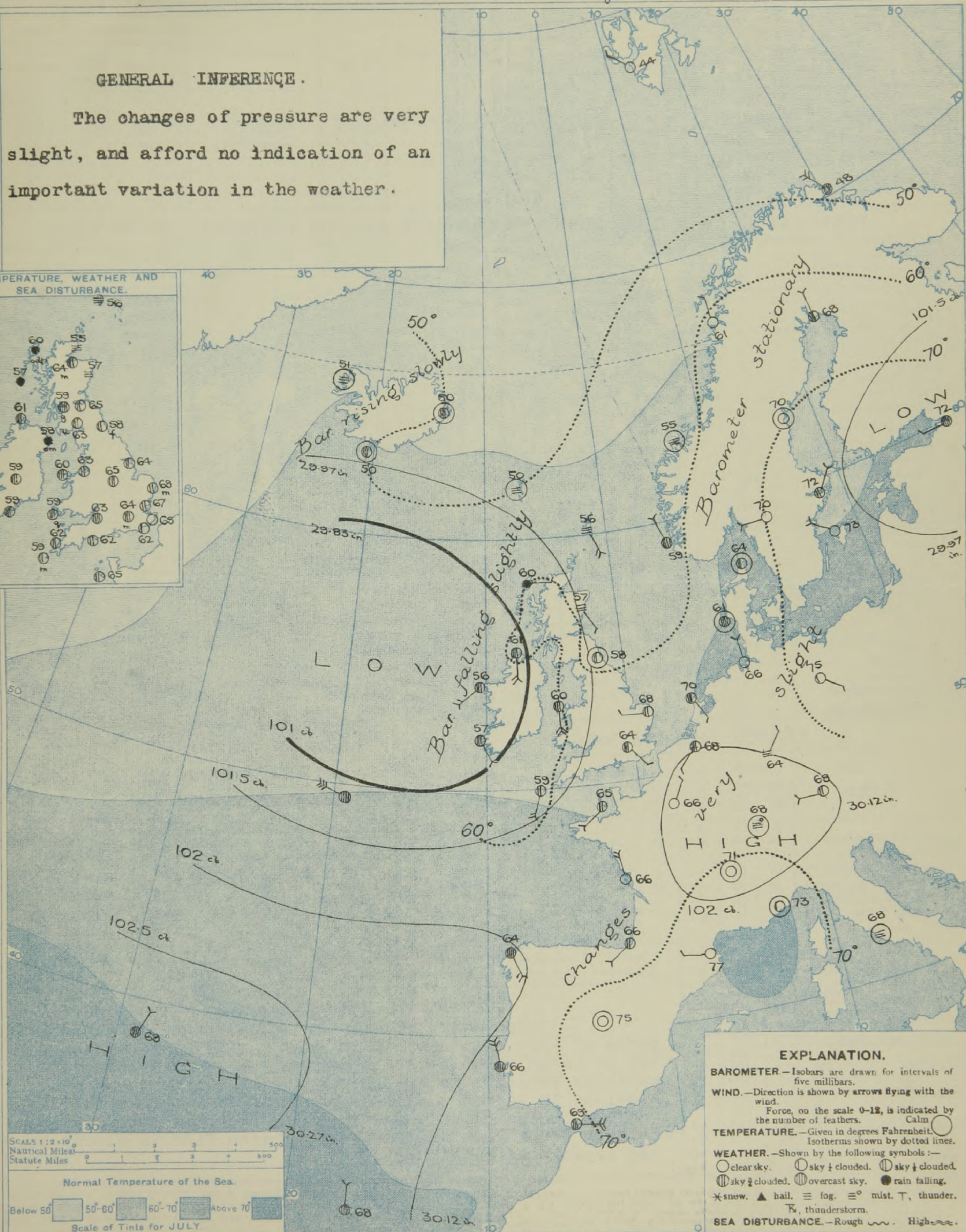
29

SCALE 1:2 x 10<sup>4</sup>  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea.

Below 50 50-60 60-70 Above 70

Scale of Tints for JULY.



## EXPLANATION.

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

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

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

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

WEATHER.—Shown by the following symbols:—

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

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

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

SEA DISTURBANCE.—Rough wavy. High wavy.



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
14th 7a.m.	49	18	Finland	0	1012.8	+7	WNW	6-7	0	13th 7a.m.	51	23	Montezuma	0	997.6	+3	NW	4-5	r
13th 6pm.	52	19	Scotian	0	995.9	-1	NNW	4-5	c	"	49	18	Menominee	0	1002.4	+4	SW	4-5	bc
"	49	19	Minneapolis	0	1007.4	+3	WSW	6-7	bc	"	49	15	Minneapolis	0	1006.4	0	WSW	4-5	6
"	49	14	Finland	0	1009.5	-2	SSW	6-7	bc										
" 1pm.	49	11	Manitou	1	1011.8	+3	SW	4-5	bc										
" 7am	49	25	Aquitania	0	1006.4	?	WNW	6-7	bc										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	mm. §	° F.	° F.			Hr.		mm. §	° F.	° F.			Hr.
Oban ...	-	69	53	bc	bc	2.8	Margate ...	-	77	62	bc	bc	9.3
Stonehaven ...	-	65	54	of	bc	8.5	Ramsgate ...	-	75	59	b	o	9.4
Carnoustie ...	-	71	55	*	*	10.4	Folkestone ...	-	69	64	f.b	b	12.5
St. Andrews ...	-	75	53	*	*	8.7	Hythe ...	-	77	60	3.c.b	*	10.6
Barry ...	-	75	55	bc.b	b	7.4	Littlestone ...	-	*	*	*	*	12.2
Harrogate ...	-	75	54	b	b.bc.oz	10.1	Hastings ...	-	72	59	b	b	13.1
Scarborough ...	*	68	55	c.b.o	o	5.7	Bexhill-on-Sea ...	-	70	58	b	b	13.0
Skegness ...	-	70	58	m.bc	b.bc.o	6.7	Eastbourne ...	-	70	57	b	b	13.5
England, N.E.							Seaford ...	-	68	56	b	b	13.1
Douglas (I. of M.) ...	-	69	53	o.bc	bc	5.2	Brighton ...	-	70	57	b	bc.c	13.2
Morecambe ...	-	70	51	c.b	bc.e	6.5	Worthing ...	-	71	54	b	b	13.5
Blackpool ...	-	68	53	c.bc.o.c	c.o.c	6.0	Littlehampton ...	-	74	57	b	b	12.2
Southport ...	-						Bognor ...	-	70	55	b	b	12.7
Mid-lands.							Southsea ...	-	71	57	bc.b	bc	11.8
Buxton ...	-	73	52	bc	bc	7.7	Ryde ...	-	70	65	b	b	10.5
Leamington Spa ...	-	73	59	c.b	c.b	4.7	Ventnor ...	-	67	56	*	*	11.9
Malvern ...	-	71	58	bc	bc	6.0	Bournemouth ...	-	71	53	o.c	c	6.0
Wales.							Tunbridge Wells ...	-	70	57	b.bc	b.bc	12.3
Rhyl ...	-	69	51	b	bc	6.0	Weymouth ...	-	70	56	b.bc	b.bc	6.5
Colwyn Bay ...	-	69	56	bc	bc	6.2	Exmouth ...	-	66	56	b	b	3.2
Llandudno ...	-	69	56	c.b	b	6.6	Teignmouth ...	-	68	55	c	c	1.7
Bettws-y-Coed ...	-	70	54	bc	bc	4.2	Torquay ...	-	70	56	o	bc.c	2.5
Aberystwyth ...	-	68	59	o.c.o	o.c	1.7	Paignton ...	-	70	55	c	c	3.3
Tenby ...	-	67	53	o	o.c	0.6	Plymouth ...	-	66	60	o	o	0.1
England, E.							Falmouth ...	-	64	58	op	o	0.1
Cromer ...	-	68	60	m	b	5.0	Bude ...	-	68	52	opd	op	2.3
Lowestoft ...	-	68	61	o.f.b	c.bc	5.1	Ilfracombe ...	-	71	55	c.bc	bc.c	3.0
Felixstowe ...	-	75	61	bc.m	bc.m	12.0	Weston-super-Mare ...	-	71	59	bc.b.c	bc.c	1.5
Walton-on-Naze ...	-	73	59	cm.bc.m	c.b.bc.m	11.0							
Southend-on-Sea ...	-	82	63	b	b.bc	12.5							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rain-fall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Fore-noon.	After-noon.	Night.
Greenwich (Royal Obs.) ...	44	58	8.2	82	56	47	bc	bc	bc
City (Bunhill Row) ...	*	*	6.4	*	*	*	*	*	*
Westminster (St. James's Pk.)	51	62	7.5	77	59	57	bc	bc	bc
Camden Sq. (Brit. Rainfall)	43	58	7.5	82	59	56	o.bc	bc	*
Hampstead (Reservoir) ...	*	65	7.8	77	59	52	bc	bc	onbc
Richmond Park ...	*	*	8.6						
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.)				1820 Joules		31.2 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.	
Dublin to 4 p.m.	Trace	66	59	58	bc	bc	op
Darwin to 9 p.m.	-	73	51	46	o.b.c	bc	bc
Manchester "	Trace	75	68	*	o.b.c	bc	bc.c
Birmingham "	-	73	56	45	c	c	c
Oxford to 8 p.m.	*	74	57	55	on.c	c.bc	c.bc
S. Kensington (Museum Grounds to 6 p.m.)	-	79	60	55	bc.c	o.bc	bc.c

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

14th, 15th July, 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	3.47	11.59	8.10
	3.48	11.59	8.9
Greenwich ...	4.0	12.6	8.11
	4.2	12.6	8.10
Wick ...	3.29	12.18	9.6
	3.31	12.18	9.4
Valencia ...	4.38	12.47	8.55
	4.39	12.47	8.54

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to between 75° and 79° in several parts of this country. Rain fell in the western districts but no large amounts were measured. The duration of bright sunshine varied greatly, from a few minutes at some western stations to 14 hours at Seaford. As far west as the 27th meridian ships experienced light to fresh or strong winds between South-West and North-West, with fine to cloudy weather and occasional rain.

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.

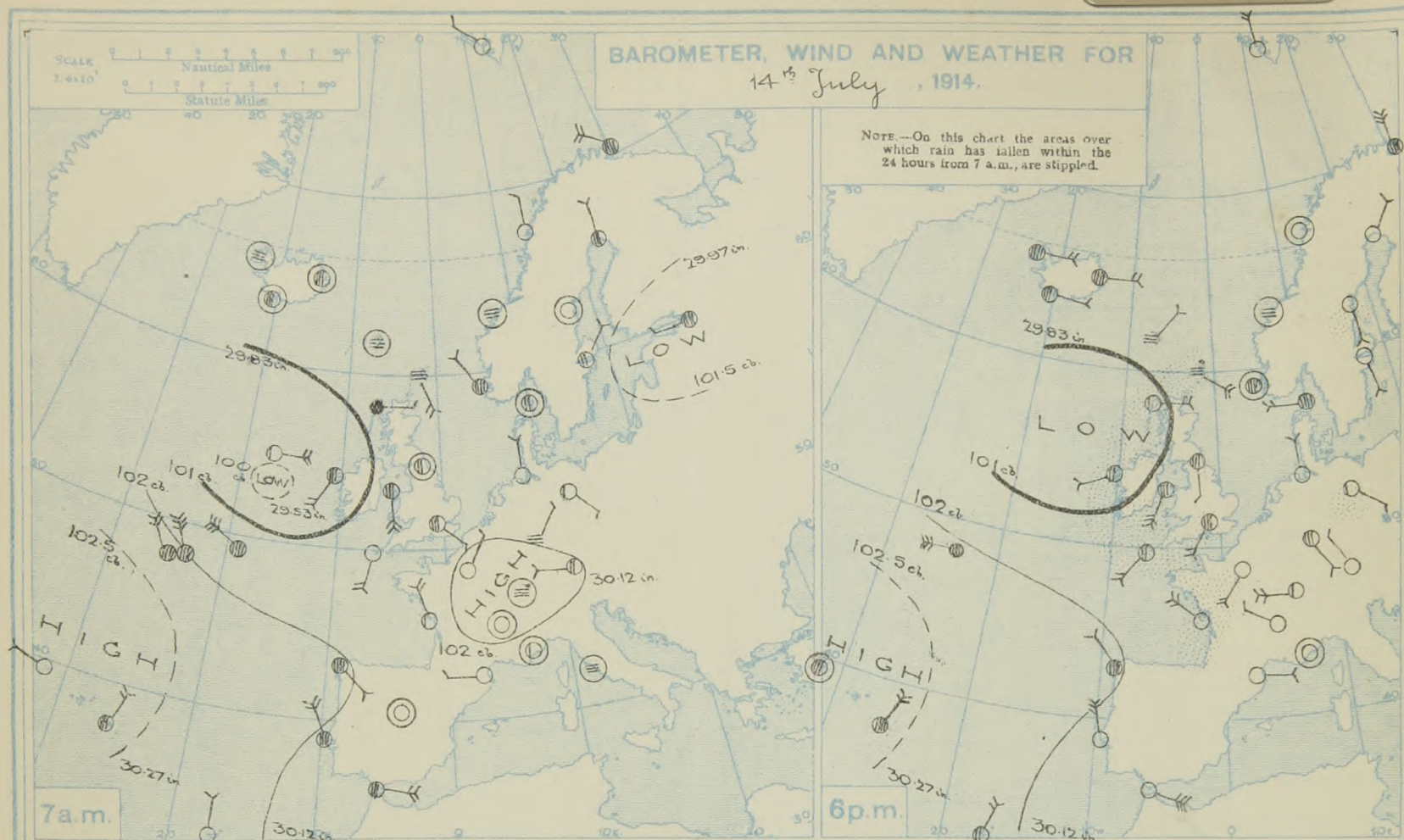


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,  
15th July, 1914.

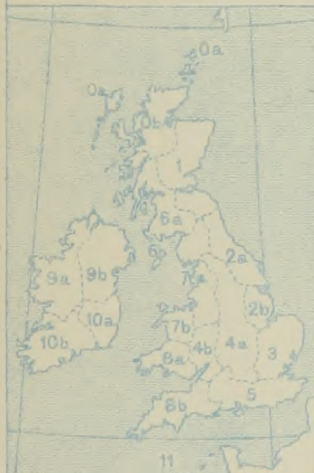
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.
	Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea (0-9).	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
			Direc.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	1014.9	58	ESE	4	m	1012.7	-2	56	0	SSE	4	-	om	3	0.3	60	53	f.	f.m.	fe.omp	*
	Stornoway ...	1009.1	67	E	3	b	1009.1	+1	59	-1	SW	4	-	c	3	1	70	55	odp.c	ct.bc	ct	5.0
	Castlebay (Barra Isd.)	1007.5	61	E	4	bc	1008.1	+1	57	0	SE	4	SE	op	4	1	61	55	r.o	o.bcm	bcm.op	2.6
	Glasgow ...	1010.5	66	S	4	bc	1010.8	-1	59	0	SSE	1	S	o	*	1	71	53	op.c.op	o.c.bcm	b.bcm	6.5
	Eskdalemuir ...	1011.8	62	SW	4	c	1011.4	0	59	-4	SE	1	-	c	*	1	66	54	cu.o	o.c	o.op.c	5.2
	Malin Head ...	1006.1	57	NW	2	c	1008.4	+2	56	-5	SW	3	SW	c	1	19	69	52	bcp	ctlr	cp	4.5
	Blacksod Point	1005.2	59	WSW	2	bc	1009.0	0	57	+1	W	4	W	omp	3	3	61	50	cg	bc	bcp.omp	*
	Valencia ...	1008.1	60	WSW	4	cv	1012.8	+3	56	-1	WNW	2	-	o	4	10	62	55	or.c	cv	cv	6.4
	Roche's Point	1010.2	61	SSW	4	c	1012.7	*	57	-2	NW	1	W	c	2	1	63	52	c.omp	cp.c	cp.bc	*
	Birr Castle ...	1006.8	64	S	3	c	1010.6	*	56	-3	W	2	-	c	*	-	68	51	op.c	o.c	c.op	8.2
	Donaghadee ...	1009.3	63	S	6	bc	1010.0	+2	57	-1	SW	2	SW	bcp	3	2	66	55	bc	bc	bc.bcp	*
	Liverpool (Bidston)	1012.4	69	SW	2	b	1012.1	0	59	-4	SSE	1	S	o	2	-	73	55	b	bc	c.o	8.3
	Holyhead ...	1013.8	62	SSW	5	cgq	1012.2	+2	57	-3	SSW	4	SW	c	3	1	66	56	c.bc.b	bc.c.o	c.op.c	9.1
	Pembroke (St. Ann's)	1013.0	59	SW	4	c	1012.9	0	57	-2	W	2	SW	c	2	0.2	61	56	bcp	eq	eqp	9.4
	Newquay ...	1013.8	64	WSW	4	bc	1014.1	+1	58	-4	W	3	-	o	4	0.3	67	56	bc	bc	bc.omp	9.5
	Scilly (St. Mary's)	1013.9	62	SW	3	bcm	1014.4	+1	58	-1	W	4	W	bc	4	0.4	65	55	bcm	bcm	cm.bcp	10.4
	Jersey (St. Aubin)	1013.5	69	S	2	og	1016.7	*	60	-5	WSW	3	SW	c	3	1	70	57	bct.c.o	a.c.og	c.op.c	4.2
	Portland Bill ...	1016.5	61	SSW	3	c	1015.3	-1	60	-2	WSW	2	SW	b	2	9	64	58	c.bc	bc.c	cr.bc	*
	Dungeness ...	1016.2	66	WSW	2	c	1013.1	-1	63	+1	W	2	W	r	2	Trace	71	59	bc	bc	bc.or	*
	Dover ...	1016.7	66	SW	2	bcp	1012.9	*	65	0	W	3	W	og	2	1	75	59	b	bcp	c.bc.c.o	12.1
Wick ...	1011.1	56	SSE	2	f	1010.8	0	57	+2	S	2	-	b	2	0.2	59	53	fe.f	f.fe	fe.c.bm	*	
Nairn ...	1009.4	69	-	0	c	1009.7	0	64	0	-	0	-	bc	0	1	72	54	p.g.c	d.bc	bcw	4.6	
Aberdeen ...	1011.4	64	SSE	3	bc	1011.7	0	62	+5	S	1	SE	c	2	-	66	57	fe.omp	c.bcm	c	1.3	
Leith ...	1010.9	71	SSW	3	c	1011.1	0	60	-5	SSE	1	S	o	*	-	74	54	c.o.c	c.be	b.bc	*	
Tynemouth ...	1012.9	66	S	1	c	1012.5	0	59	+1	W	2	S	cm	2	4	71	56	bcm	bcm	bcm	2.9	
Spurn Head ...	1014.2	70	W	3	c	1014.0	0	61	-3	S	1	-	c	2	1	73	59	bc	c	c	9.3	
Yarmouth ...	1015.8	69	S	3	bc	1013.4	-1	65	-3	W	1	S	om	0	-	73	63	b	b.bc	c.omp	10.3	
Clacton-on-Sea	1015.2	73	S	3	bc	1012.5	-1	63	-4	NNW	3	S	o	2	-	74	61	b3	bc	c.o	13.0	
Nottingham ...	1013.5	76	SSW	3	c	1013.1	*	59	-6	SW	1	SW	c	*	2	75	56	cp.o	op.c	cp	2.2	
Bath ...	1014.9	69	SW	3	c	1013.9	*	61	-2	WSW	2	-	b	*	-	72	53	o.c	o.c	g.c.b	6.2	
London (Kew Obsy.)	1015.5	72	SW	3	cv	1013.5	0	59	-5	W	2	-	ou	*	4	80	58	om.bcp	cv.o.cv	cv.bcm	8.7	
ICELAND, FAEROE, &c.	Spitzbergen ...	1015.4	41	N	3	b	1014.0	0	41	-3	W	4	*	b	*	-	45	36	*	*	*	*
	Isafjord ...	1016.1	53	E	3	o	1016.1	0	52	+1	-	0	*	bc	*	-	*	*	*	*	*	
	Reykjavik ...	1016.3	57	NNW	2	c	1015.7	-1	53	+1	-	0	*	c	0	-	*	*	*	*	*	
	Vestmanna ...	1015.1	56	E	2	c	1015.0	0	50	0	-	0	*	f	0	-	*	*	*	*	*	
	Seydisfjord ...	1016.4	56	E	3	o	1016.7	0	50	0	-	0	*	f	0	-	*	*	*	*	*	
	Thorshavn ...	1013.5	51	NE	2	f	1012.4	0	50	0	NE	2	*	f	*	-	*	*	*	*	*	
NORTHERN EUROPE.	Vardö ...	1020.3	45	NNW	5	o	1019.9	0	46	-2	W	1	-	o	1	-	48	43	*	*	*	*
	Bodö ...	1016.7	63	-	0	b	1016.8	0	63	+2	E	1	-	b	1	-	63	52	*	*	*	*
	Christiansund	1017.0	54	-	0	f	1017.2	0	55	0	-	0	-	f	2	-	57	54	*	*	*	*
	Skudesnaes ...	1018.7	59	-	0	o	1017.0	0	59	0	SE	1	-	o	1	-	61	55	*	*	*	*
	Færder (X'ania Fjord)	1015.9	66	SW	2	b	1016.6	0	66	-2	SSE	2	-	c	1	-	68	64	*	*	*	*
	The Scaw (Skagen)	1017.5	64	W	3	o	1017.7	0	63	-1	WSW	1	-	m	2	-	68	61	*	*	*	*
	Blaavands Huk	1018.7	66	-	0	m	1017.0	0	68	+7	ESE	1	-	o	1	-	68	55	*	*	*	*
	Haparanda ...	1015.5	73	NE	2	b	1018.0	0	68	0	S	2	NW	c	*	-	77	59	*	*	*	*
Hernösand ...	1015.3	73	S	2	b	1017.3	0	70	0	N	2	-	b	*	-	79	61	*	*	*	*	
Stockholm ...	1015.1	75	S	2	b	1016.2	0	75	+3	-	0	-	b	*	-	81	63	*	*	*	*	
Wisby ...	1015.1	75	ENE	2	b	1016.7	0	73	0	NNW	2	-	b	*	-	77	63	*	*	*	*	
Karlstad ...	1015.1	79	-	0	b	1016.7	+1	70	0	SSW	2	-	b	*	-	84	63	*	*	*	*	
St. Petersburg																						
CENTRAL EUROPE.	Berlin ...	1016.2	79	SE	1	b	1015.9	0	75	0	SE	1	-	b	*	3	88	66	*	*	*	*
	Frankfurt ...	1016.3	77	SE	1	c	1015.5	-1	70	+6	NE	1	SW	b	*	-	84	61	*	*	*	*
	Munich ...	1017.3	72	E	1	b	1016.4	0	70	+2	E	3	-	b	*	-	77	57	*	*	*	*
	Vienna ...																					
	Cuxhaven ...	1018.1	70	N	2	b	1016.0	-2	68	+2	ESE	2	-	b	0	-	72	64	*	*	*	*
	The Helder ...	1017.5	72	W	1	c	1013.7	-1	72	+2	SE	1	-	c	0	-	73	63	*	*	*	*
Brussels ...	*	*	*	*	*	1012.7	-3	73	+5	SSE	1	S	o	*	-	82	64	*	*	*	*	
FRANCE.	C. Gris Nez ...	1016.2	67	SW	1	r	1012.2	-1	62	-6	N	1	-	c	1	Trace	79	61	*	*	*	*
	La Hève ...	1016.6	64	NE	2	bc	1014.7	*	57	-6	NW	3	*	o	3	-	75	55	*	*	*	*
	Ushant ...	1017.0	59	WSW	4	o	1015.7	*	60	-1	W	3	*	c	3	2	68	55	*	*	*	*
	Brest (St. Mathieu)	1017.7	62	SSW	2	c	1017.1	+1	59	-2	NW	3	*	bc	*	-	?	?	*	*	*	*
	Rochefort (Ile d'Aix)	1016.3	70	NW	4	b	1018.0	+3	65	-1	NW	4	*	c	*	Trace	75	64	*	*	*	*
	Biarritz ...	1017.2	69	WNW	3	o	1019.4	+1	64	-2	WSW	4	*	r	3	2	73	63	*	*	*	*
	Paris ...	1015.9	81	SW	2	b	1014.7	+4	63	-3	SW	1	-	r	*	12	86	63	*	*	*	*
	Belfort ...	1017.3	78	W	4	b	1015.9	*	71	+3	ENE	2	*	m	*	-	88	62	*	*	*	*
	Lyons ...	1016.4	83	NNW	1	b	1015.9	*	73	+2	ESE	1	*	c	*	-	86	62	*	*	*	*
	Nice ...	1017.0	72	-	0	b	1017.6	0	71	-2	-	0	*	b	1	-	82	64	*	*	*	*
Perpignan ...	1016.2	81	E	2	b	1016.4	+2	73	-4	-	0	*	o	*	-	88	64	*	*	*	*	
Sanguinaire ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
SOUTHERN EUROPE.	Corunna (7 a.m.)	1021.1	66	NW	2	o	1023.5	+3	63	-1	N	1	W	bc	3	?	68	59	*	*	*	*
	Madrid (8 a.m.) ...																					
	Lisbon (9 a.m.) ...	1017.1	73																			





**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

Light to moderate Southerly to Westerly winds; cloudy, some showers and mist, fairer later; moderate temperature.

Light to moderate Westerly and North-Westerly breezes; dull, some showers, local mist, finer later; moderate temperature.

Same as Nos. 0 to 4.

Same as No. 5.

Western Channel and Bay. 11

Westerly and North-Westerly breezes, light to moderate; fair to fine, local showers and mist; moderate temperature.

**FURTHER OUTLOOK.**

Millibar

1050

1040

1030

1020

1010

1000

990

980

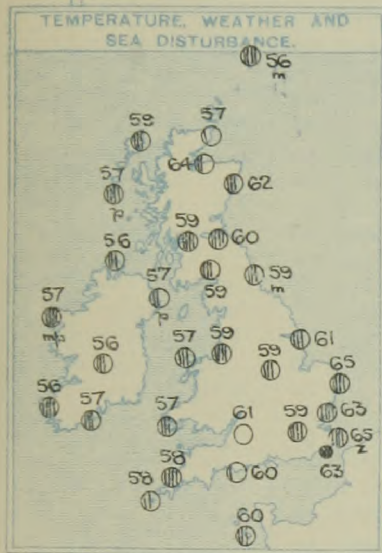
970



# SYNOPTIC CHART FOR 7 a.m., Wednesday, 15<sup>th</sup> JULY, 1914.

## GENERAL INFERENCE.

The depression off our western coasts is now moving slowly northward, and an anticyclone is spreading up from the south-westward. A more Westerly type is therefore likely to become general.



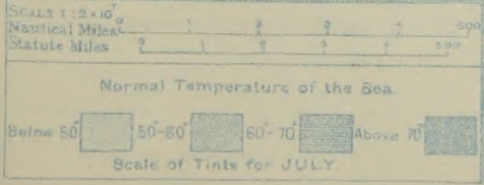
Millinches.

31

30

30

29



### EXPLANATION.

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

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

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

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

**SEA DISTURBANCE.**—Rough High.





## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
14th 6 p.m.	48	22	Finland	O	1021.3	-1	W	6-7	o	14th 7 a.m.	48	24	Menominee	O	1020.3	+5	NNW	4-5	o
" 1 p.m.	50	15	Corinthian	H	1009.8	+8	NW	6-7	b	" "	48	23	Minneapolis	O	1021.7	+7	NW	6-7	o
										" "	54	16	Victorian	H	1001.7	+3	E	4-5	b

## 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.	
Scotland.	Oban	10 m.m.	71	57	n.b.c	b	5.0	England, S.E.	Margate	—	80	57	b	b	10.8
	Stonehaven	—	62	54	c.f.e	c.z	0.7		Ramsgate	—	76	56	b	b	11.1
	Carnoustie	—	66	50	*	*	3.0		Folkestone	—	70	69	b	b.b.c	11.5
	St. Andrews	1	73	51	*	*	3.1		Hythe	—	75	54	b	b	10.8
Eng. N.E.	Harrogate	3	72	56	b.c	c.p	6.4	England, S.W.	Littlestone	—	73	58	b.c.b	b	11.0
	Scarborough	*	73	57	o	c.b	6.4		Hastings	—	71	60	b	b	10.7
	Skegness	—	77	60	b	b.c	7.9		Bexhill-on-Sea	—	71	60	b	b	10.2
									Eastbourne	—	72	57	b.c	b.c	10.5
Eng. N.W.	Douglas (I. of M.)	7	63	57	r.c.g	b.g	8.0	England, S.W.	Seaford	—	70	56	b	b	8.6
	Morecambe	—	73	62	b.c	b.c	5.5		Brighton	—	70	59	b.c.e	b.c	9.0
	Blackpool	1	70	61	c	c	5.0		Worthing	—	70	59	b.c	b.c.b	7.4
	Southport	1	72	60	c.b.c	c	2.7		Littlehampton	—	66	53	b.b.c	b.c.b	7.9
Mid-lands.	Buxton	4	70	57	b.c.r	r	1.3	England, S.W.	Bognor	—	69	60	b	b	8.5
	Leamington Spa	—	72	60	c.b	c.b	4.4		Southsea	—	73	61	b.b.c	b.c	7.5
	Malvern	1	70	59	c.b.c	b.c	1.5		Ryde	—	71	60	b.c	b.c	8.0
									Ventnor	—	70	58	*	*	7.5
Wales.	Rhyl	1	71	60	b	b	11.4	England, S.W.	Bournemouth	—	68	59	b.c	b.c	3.5
	Colwyn Bay	—	72	61	b.c	b	11.2		Weymouth	—	68	56	b.c.d.c	b.c.e.g	3.0
	Llandudno	—	73	62	b	b	9.9		Exmouth	1	70	60	b	b	7.1
	Bettws-y-Coed	—	?	56	b.c	b.c	5.8		Teignmouth	2	73	61	c.b.c	b.c	6.2
England, E.	Aberystwyth	—	67	62	b.c.b	b.c	7.7	England, S.W.	Torquay	1	72	62	o	c.b.c	5.3
	Tenby	—	67	53	b.b.c	b	9.5		Paignton	1	71	60	c.b.c.b	b.b.c	7.5
	Cromer	—	65	62	c.b.c	b.c	9.9		Plymouth	2	67	60	c.b.	c.b	6.8
	Lowestoft	—	74	62	b.c	b.c	10.3		Falmouth	4	66	59	b.c	b.c	7.9
England, E.	Felixstowe	—	72	61	b.c	b.c	12.2	England, S.W.	Bude	0.3	67	60	c.b.c	b.c	6.2
	Walton-on-Naze	—	72	60	b	b.c	11.4		Ilfracombe	3	66	61	b.c	b.c	6.0
	Southend-on-Sea	—	83	62	b.c	b.c	9.0		Weston-super-Mare	0.3	71	59	c.p.c	b.b.c	5.2

## 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.
Greenwich (Royal Obs.)	40	80	9.9	84	58	5.4	7.6c	7.6c	b.c.o.r
City (Bunhill Row)	"	"	8.0	"	"	"	"	"	"
Westminster (St. James's Pk.)	54	83	11.6	78	59	6.1	6.6	6.6	d.p.b.c
Camden Sq. (Brit. Rainfall)	48	77	8.4	83	59	5.8	2	6.6	6.6
Hampstead (Reservoir)	"	"	8.4	77	56	5.6	5	6.6	6.6
Richmond Park	"	"	8.7						
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
S. Kensington (Roof of M.O.)	52	82	8.6	Total. 1914 joules		Average Rate. 32.9 Milliwatts.		Max. Rate. 84.0 Milliwatts.	

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

15th & 16th July, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 3.48 3.49	G.M.T. 11.59 11.59	G.M.T. 8.9 8.8
Greenwich	4.2 4.3	12.6 12.6	8.9 8.9
Wick	3.31 3.23	12.6 12.18	9.4 9.2
Valencia	4.39 4.40	12.47 12.47	8.54 8.53

## 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.	
Dublin to 4 p.m.	6	68	59	60	c.p.c	c.b.p	b.c
Darwen to 9 p.m.	1	68	59	55	c.o.r	u.b.c	b.c
Manchester "	1	70	62	*	c.o.r	c	c.b.c
Birmingham "	2	69	59	54	r	c.p	c.p
Oxford to 8 p.m.	*	75	60	55	c.b.c	c.b.c	c.b.c
S. Kensington (Museum Grounds to 6 p.m.)	—	79	62	56	c	c.b.c	c.o.c

## NOTES ON YESTERDAY'S WEATHER.

Temperature exceeded 75° in various parts of this country, and touched 80° at Kew Observatory. Rain fell in many places, mostly in light showers, but on the Donegal coast a thunderstorm precipitated 19 millimetres. Bright sunshine ranged from less than an hour in a few places to 13 hours at Clacton. As far west as the 25th meridian ships experienced moderate to strong Westerly and North-Westerly winds, and overcast weather.

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.

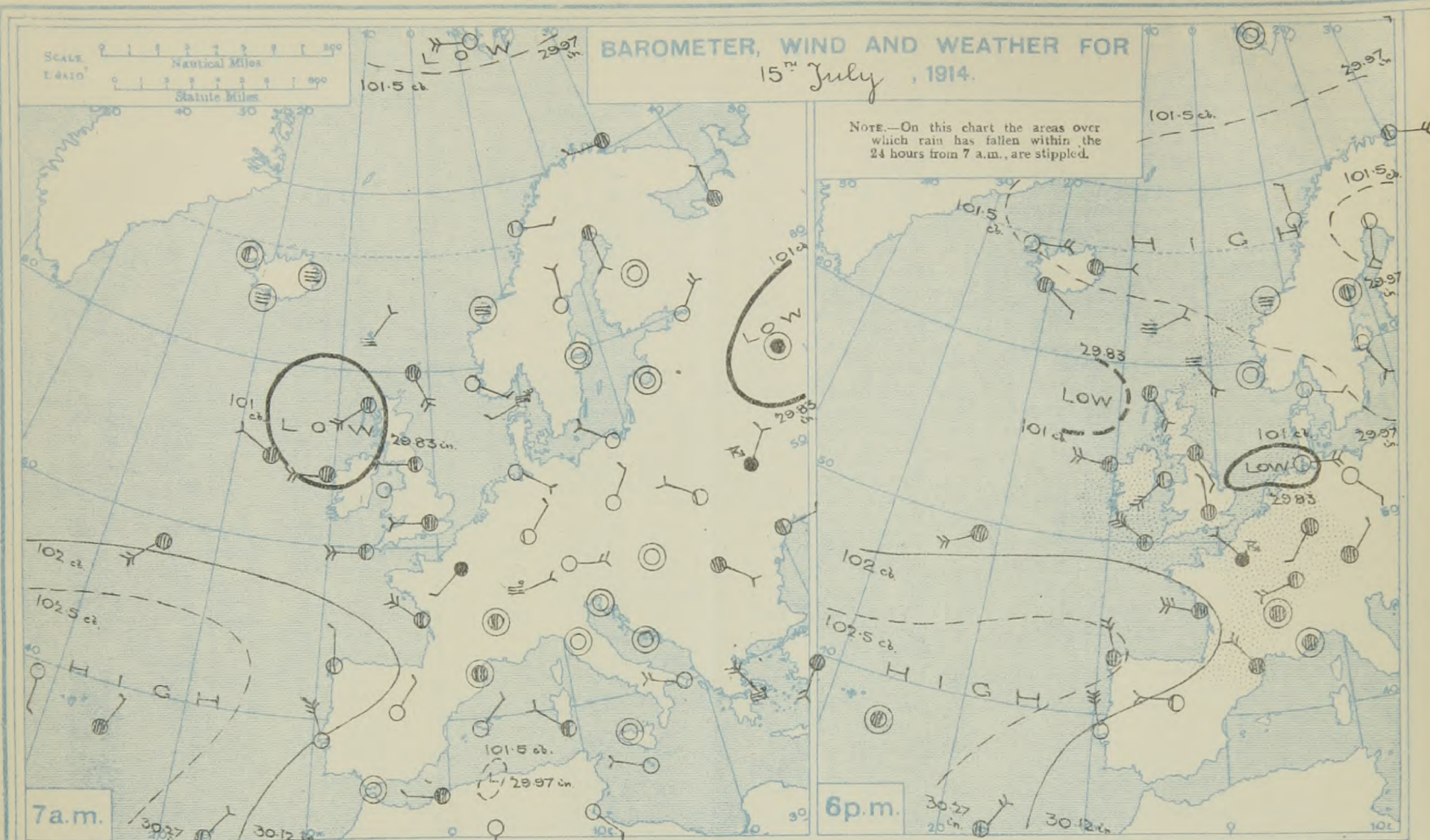


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday  
16th July, 1914.

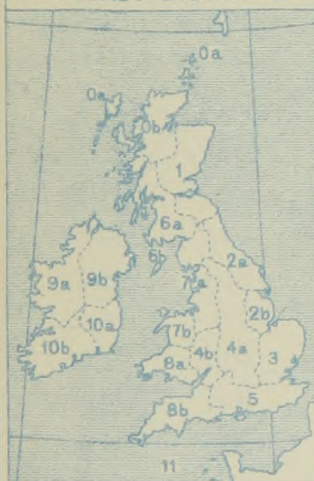
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.
		Barom. Milli- bars at M.S.L.	Temp. °F.	Wind.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	°F.	°F.	Wind.	Force 0-12.	Dir. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall Milli- metres.	Temp.		Weather.			
				Dir.	Force 0-12.												Max.	Min.	Morning.	Afternoon.	Night.	
		°F.	Dir.	Force 0-12.		Milli- bars at M.S.L.											°F.	°F.				
BRITISH ISLANDS.	Lerwick ...	1013.4	57	SE	3	f	1014.0	+1	53	-3	SE	2	-	f	2	0.2	63	53	opm	b. am.f	fe	*
	Stornoway ...	1011.8	63	SSE	3	c	1013.3	0	55	-4	N	2	-	bcm	2	-	68	53	cg	c.b.c.g	bcm	5.5
	Castlebay (Barra Isd.)	1010.9	59	S	3	b	1012.9	0	56	-1	NW	3	-	b	3	-	60	53	opbc	bc.b	bc.b	12.2
	Glasgow ...	1010.9	62	W	2	o	1010.6	-1	56	-3	WSW	3	E	c	1	67	53	a.c.p	c.o	c.b.c.o	3.5	
	Eskdalemuir ...	1010.6	62	SW	2	b	1008.7	-2	54	-5	WNW	5	NW	o	1	65	46	c.o.c	c	bc.c.o	6.0	
	Malin Head ...	1011.1	60	S	2	b	1014.6	+1	57	+1	NW	3	NW	b	1	63	54	bc	bc	bc	6.8	
	Blacksod Point ...	1013.2	58	WNW	4	c	1015.7	0	55	-2	W	2	NW	c	2	3	62	53	cpm	c	c.o.m.p	*
	Valencia ...	1017.3	57	WNW	3	o	1017.6	0	56	0	S	1	-	omr	3	1	59	55	oc	o	or	0.6
	Roches Point ...	1015.3	63	WNW	4	c	1018.4	*	56	-1	W	2	-	o	2	0.1	66	55	cp.o	a.c.g	c.o	*
	Birr Castle ...	1013.2	63	W	3	c	1016.6	*	55	-1	W	1	-	c	3	3	65	54	cp.op	op.cp	c	7.1
	Donaghadee ...	1011.4	60	SSE	2	bc	1013.2	0	57	0	NW	3	NW	bcm	3	1	65	52	bc	bcp	bc.bcm	*
	Liverpool (Bidston) ...	1012.0	62	WNW	3	b	1013.1	+1	57	-2	W	4	NW	og	3	0.4	64	56	cp.be	b	c.o	9.1
	Holyhead ...	1013.4	61	SW	5	bc	1015.6	+2	56	-1	WNW	5	NW	ogq	4	-	64	55	abbc.b	c.b.c.b	b.b.c.c.d	10.4
	Pembroke (St. Ann's) ...	1014.6	59	WNW	3	c	1017.6	+7	56	-1	NW	4	NW	cg	3	0.3	62	55	c	cg	eqp	9.2
	Newquay ...	1015.5	62	W	5	bc	1017.9	+1	60	+2	WNW	5	W	o	4	0.1	63	57	bc	bcp	bc.c	9.6
	Scilly (St. Mary's) ...	1017.0	61	WNW	6	cg	1018.6	0	57	-1	WNW	3	W	cw	5	0.1	63	56	bc	bc.cq	c	9.5
	Jersey (St. Aubin) ...	1017.4	63	WSW	4	bc	1019.4	*	61	+1	WSW	4	W	c	3	0.1	65	57	c	bc.c	bcp.c	8.2
	Portland Bill ...	1014.3	61	WSW	4	c	1017.0	+2	60	0	W	4	W	c	3	1	63	57	bc	bc	bc.c	*
	Dungeness ...	1012.1	62	WSW	4	o	1015.2	+3	60	-3	SW	3	W	bc	3	16	64	56	or.o	o	o.e.bc	*
	Dover ...	1011.8	60	W	4	p	1015.2	*	60	-5	SW	2	SW	bc	2	19	64	55	or	o.e.r	or.e.g	?
ICELAND, FAEROE, &c.	Wick ...	1011.7	60	ENE	1	bc	1011.5	-1	54	-3	NW	3	-	r	3	4	62	51	bcm	bcp	bc.omr	*
	Nairn ...	1010.7	64	-	0	c	1011.2	*	56	-8	-	0	-	r	1	4	67	55	bc.c	bcp	od	4.7
	Aberdeen ...	1011.1	63	SE	1	o	1007.6	-1	57	-5	NW	4	-	r	2	22	72	55	c.bc	c.o	or	6.0
	Leith ...	1010.4	61	E	1	c	1008.7	-3	57	-3	W	2	-	r	1	65	55	c.o	op.e	c	*	
	Tynemouth ...	1011.0	63	SSE	1	o	1009.1	0	56	-3	W	3	-	omr	3	1	65	55	bcm	bcm	om	2.8
	Spurn Head ...	1010.4	62	SSE	1	o	1011.3	+1	58	-3	WNW	4	-	o	3	-	72	56	c.o	o	c	0.8
	Yarmouth ...	1010.0	61	W	2	orm	1012.8	0	57	-8	W	2	W	bc	0	15	66	55	orm	orm	om.bc	0.2
	Clacton-on-Sea ...	1010.8	63	WSW	1	o	1013.9	+3	56	-7	W	2	W	bc	2	40	65	54	otlr	or.og	opl.bc	0.0
	Nottingham ...	1010.8	66	WNW	3	c	1012.4	*	57	-2	W	3	W	cm	*	-	70	51	c.o	o.e	c.b.c	2.6
	Bath ...	1013.2	65	W	3	bc	1016.2	*	59	-2	W	2	W	o	*	-	70	56	b.bc	bc.c	c.b.c.o	11.3
London (Kew Obsy.) ...	1012.1	61	N	1	ou	1014.8	+2	59	0	WSW	2	W	o	3	3	69	54	ou.o.ou	ou.ortd	ou.o	2.4	
NORTHERN EUROPE.	Spitzbergen ...	1011.0	46	-	0	b	1009.2	0	46	+5	NW	3	*	b	*	-	46	39	*	*	*	*
	Isafjord ...	1014.9	62	E	3	c	1013.3	-1	53	+1	E	2	*	c	*	*	*	*	*	*	*	*
	Reykjavik ...	1014.6	60	N	3	bc	1011.8	-2	54	+1	-	0	*	o	*	*	*	*	*	*	*	*
	Vestmanna ...	1014.4	52	E	1	c	1011.8	0	49	-1	E	6	*	c	0	*	*	*	*	*	*	*
	Seydisfjord ...	1016.4	52	E	2	o	1015.0	-3	48	-2	-	0	*	o	*	*	*	*	*	*	*	*
	Thorshavn ...	1012.6	55	ESE	2	f	1014.7	0	50	0	-	0	*	f	*	*	*	*	*	*	*	*
	Vardö ...	1015.8	46	ESE	3	bc	1012.3	0	52	+6	N	1	NW	b	3	*	48	43	*	*	*	*
	Bodö ...	1016.2	64	N	1	b	1015.9	0	59	-4	E	1	-	b	1	-	64	52	*	*	*	*
	Christiansund ...	1016.7	57	-	0	p	1015.4	0	55	0	NE	2	-	p	2	Trace	59	55	*	*	*	*
	Skudesnaes ...	1014.1	68	-	0	b	1011.8	0	70	+11	ESE	2	-	b	1	-	70	57	*	*	*	*
CENTRAL EUROPE.	Færder (Xaniafjord) ...	1014.6	66	S	1	b	1014.9	+1	68	+2	NE	1	-	m	1	-	68	66	*	*	*	*
	The Scaw (Skagen) ...	1014.7	75	ESE	1	b	1013.1	+1	70	+7	ESE	4	-	b	3	-	77	61	*	*	*	*
	Blaavands Huk ...	1012.2	77	SE	2	m	1011.9	+4	66	-2	SW	2	SE	c	3	5	72	63	*	*	*	*
	Haparanda ...	1014.1	70	SSW	2	b	1012.2	0	72	+4	W	4	W	b	*	-	73	64	*	*	*	*
	Hernösand ...	1016.4	70	-	0	c	1015.4	0	75	+5	-	0	-	b	*	-	77	63	*	*	*	*
	Stockholm ...	1015.4	77	SSE	2	b	1017.7	0	77	+2	S	2	-	b	*	-	?	?	*	*	*	*
	Wisby ...	1016.2	78	WSW	2	b	1017.6	0	77	+4	SSE	2	-	b	*	-	81	64	*	*	*	*
	Karlstad ...	1014.7	81	SSW	2	b	1016.0	+1	73	+3	SSE	2	-	b	*	-	84	61	*	*	*	*
	St. Petersburg ...	1014.7	81	SSW	2	b	1016.0	+1	73	+3	SSE	2	-	b	*	-	84	61	*	*	*	*
	FRANCE.	Berlin ...	1011.1	84	SE	1	b	1013.2	0	75	0	W	1	-	c	*	-	90	70	*	*	*
Frankfurt ...		1012.4	68	SW	1	o	1017.7	0	61	-9	SW	2	-	c	*	2	84	57	*	*	*	*
Munich ...		1011.5	73	NE	1	o	1018.6	+2	57	-13	NW	4	-	r	*	22	81	57	*	*	*	*
Vienna f. ...		1017.7	63	NE	1	b	1021.2	+2	61	-	-	0	-	m	*	-	68	54	*	*	*	*
Cuxhaven ...		1009.1	73	E	4	o	1013.0	+4	66	-2	WSW	2	-	c	0	22	79	63	*	*	*	*
The Helder ...		1010.0	63	SW	2	r	1012.3	+2	63	-9	WSW	2	-	c	2	18	73	59	*	*	*	*
Brussels ...		1015.3	63	SW	3	*	1015.3	+2	57	-16	SW	3	-	o	*	8	79	55	*	*	*	*
C. Gris Nez ...		1011.4	60	WSW	6	c	1015.3	+3	60	-2	W	5	-	c	5	4	64	57	*	*	*	*
La Hève ...		1016.4	61	WNW	4	b	1017.9	*	59	+2	WNW	5	-	o	5	2	64	54	*	*	*	*
Ushant ...		1019.9	59	S	4	o	1021.0	*	59	-1	SSW	3	-	o	3	-	64	55	*	*	*	*
SOUTHERN EUROPE.	Brest (St. Mathieu) ...	1020.7	62	NW	4	bc	1021.7	0	58	-1	W	3	-	o	3	2	68	55				





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. North Coast. South Coast. North Coast.

No Warnings

Issued.

Western Channel and Bay. 11

FURTHER OUTLOOK.

- 0 { a } Light to moderate Northerly and North-Westerly breezes, backing  
b } again later; rainy to fair, local mist or fog; cool.
- 1 { a }  
b }
- 2 { a } Light to moderate breezes between North-West and South-West;  
b }
- 3 { a }  
b }
- 4 { a } fair to dull, some rain and mist; moderate temperature.  
b }
- 5 { a }  
b }
- 6 { a } Same as Nos. 0 and 1.  
b }
- 7 { a }  
b }
- 8 { a } North-Westerly breeze, fresh at times, backing South-Westerly;  
b }
- 9 { a } fair to dull, some rain and mist; moderate temperature.  
b }
- 10 { a }  
b }
- 11 { North-Westerly to South-Westerly breezes, fresh at times; sea  
slight to rather rough; fair to dull, some rain and mist;  
moderate temperature.

Millibars

1050

1040

1030

1020

1010

1000

990

980

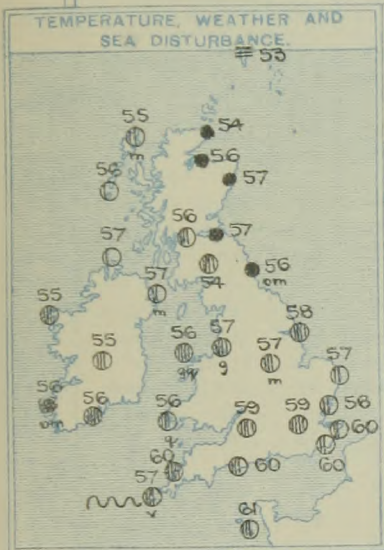
970



# SYNOPTIC CHART FOR 7 a.m., Thursday, 16<sup>th</sup> JULY, 1914.

## GENERAL INFERENCE.

There are some indications of the existence of another disturbance to the westward of Ireland. The conditions, therefore, are likely to remain of a changeable type.

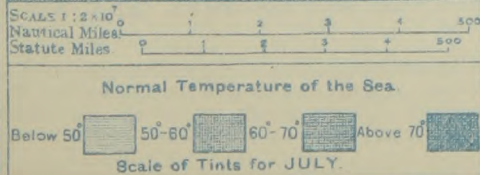


inches.

31

30

29



## 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 ~~~~ High ~~~~



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
16th 7am	50	14	Adriatic	H	1019.6	+1	SW	1-3	m	15th 7am	48	24	Adriatic	H	1017.6	-1	SW	4-5	0
15th 6pm	49	20	Adriatic	H	1019.3	-1	WSW	4-5	0	"	55	16	Empress of Britain	H	1012.2	-1	WNW	1-3	0
"	55	10	Empress of Britain	H	1011.5	0	W	4-5	m										

## 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.	
Scotland.	mm. §	° F.	° F.			Hr.	Margate ...	mm. §	° F.	° F.			Hr.
Oban ...	5	64	54	pbc	bc	3.0	Ramsgate ...	16	65	64	or	o	0.0
Stonehaven ...	1	67	55	bog	dy	6.8	Folkestone ...	18	64	58	r	r	0.0
Carnoustie ...	—	67	54	*	*	6.6	Hythe ...	10	64	60	or.o	or.o	0.0
St. Andrews ...	—	66	50	*	*	5.7	Littlestone ...	9	66	59	r	r	0.0
Harrogate ...	—	72	58	b	b.bc.c	3.0	Hastings ...	*	*	*	*	*	0.1
Scarborough ...	—	68	54	bc.c	c	4.0	Bexhill-on-Sea ...	2	66	60	op.o	bc.c.o	0.1
Skegness ...	9	66	50	o	o	0.0	Eastbourne ...	1	67	61	bc	bc	0.3
England, N.W.							Seaford ...	2	65	60	op	bc.b.o	4.5
Douglas (I. of M.) ...	—	63	55	b	b	10.0	Brighton ...	—	68	59	o	c	5.0
Morecambe ...	—	65	54	bc	b	6.1	Worthing ...	1	68	59	o.c	c.o	4.0
Blackpool ...	—	66	52	c	c	7.6	Littlehampton ...	—	69	59	c.bc	bc.c.o	4.9
Southport ...	—	64	54	c.bc	c.b.bc	6.5	Bognor ...	1	68	58	b	bcp	8.5
Mid-lands.							Southsea ...	3	70	58	bc	bcp	7.3
Buxton ...	—	65	40	bc	bc	5.4	Ryde ...	4	69	58	b	bcp	7.5
Leamington Spa ...	4	68	56	c.b	c.b	6.0	Ventnor ...	5	66	56	*	*	10.0
Malvern ...	—	70	51	b.bc	bc	5.5	Bournemouth ...	13	69	56	c.o	c.o.c	6.6
Wales.							Weymouth ...	9	71	57	c.bc	b.bc	8.0
Rhyl ...	—	65	54	bc	bc	7.0	Exmouth ...	—	70	57	bc	bc	5.2
Colwyn Bay ...	—	67	57	bc	b	7.5	Teignmouth ...	1	71	57	bc.c	cp.c	4.8
Llandudno ...	—	67	58	b	bc	9.9	Torquay ...	—	70	57	bc	c	6.0
Bettws-y-Coed ...	—	63	57	c.b	b.bc	10.0	Paignton ...						
Aberystwyth ...	—	66	55	b	b.bc	9.5	Plymouth ...	2	68	59	bcp.r	cb.p.v	7.7
Tenby ...	1	66	55	b	b.bc	9.5	Falmouth ...	0.3	65	55	bcp	bc	8.7
England, E.							Bude ...	1	65	55	r.c.p	bc.c.p	5.6
Cromer ...	21	68	58	bor	p	1.0	Ilfracombe ...	3	63	57	ba.b	b.bc	9.0
Lowestoft ...	19	66	61	or	or	0.0	Weston-super-Mare ...	—	67	57	b.bc.b	b	10.0
Felixstowe ...	26	65	63	otlr	og	0.0							
Walton-on-Naze ...	31	65	62	or.tlr	or.o	0.0							
Southend-on-Sea ...	14	68	62	or.o	or	0.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun-shine for Yesterday.	TEMPERATURE.			Rain-fall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.	Min. on Grass.		Fore-noon.	After-noon.	Night.
Greenwich (Royal Obs.) ...	52	68	0.9	73	53	48	3	o	op	p.o
City (Bunhill Row) ...	*	*	0.6	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	60	76	1.3	71	55	53	2	bc	bc.p	bc
Camden Sq. (Brit. Rainfall)	51	65	2.2	75	53	51	trace	o.c	c.o.c	*
Hampstead (Reservoir) ...	*	71	1.6	70	52	48	—	cp	bc	bc
Richmond Park ...	*	*	2.6							
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.)				1211 Joules		20.8 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	65	54	54	c.b	cp
Darwen to 9 p.m.	0.3	65	53	49	bcw	bcp
Manchester "	Trace	67	55	49	c.o	o.or
Birmingham "	1	67	55	49	*	c
Oxford to 8 p.m.	*	69	57	55	c.o.r.o	c.be.cpt.o
S. Kensington (Museum Grounds to 6 p.m.)	3	73	59	60	c.o.or	o

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

16th & 17th July, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 5.49 3.50	G.M.T. 11.59 11.59	G.M.T. 8.8 8.7
Greenwich ...	4.3 4.4	12.6 12.6	8.9 8.8
Wick ...	3.33 3.34	12.8 12.8	9.2 9.1
Valencia ...	4.40 4.41	12.47 12.47	8.53 8.52

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to between 70° and 72° at a few stations. Rain fell generally, heavily in Eastern Britain, up to 40 mm at Clacton-on-Sea. Thunder or thunderstorms occurred over the south-east quarter of England. Bright sunshine ranged from none in the east to more than 12 hours at Castlebay. As far west as the 25th meridian ships experienced light to fresh breezes from North-West and South-West, with dull to misty weather.

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.

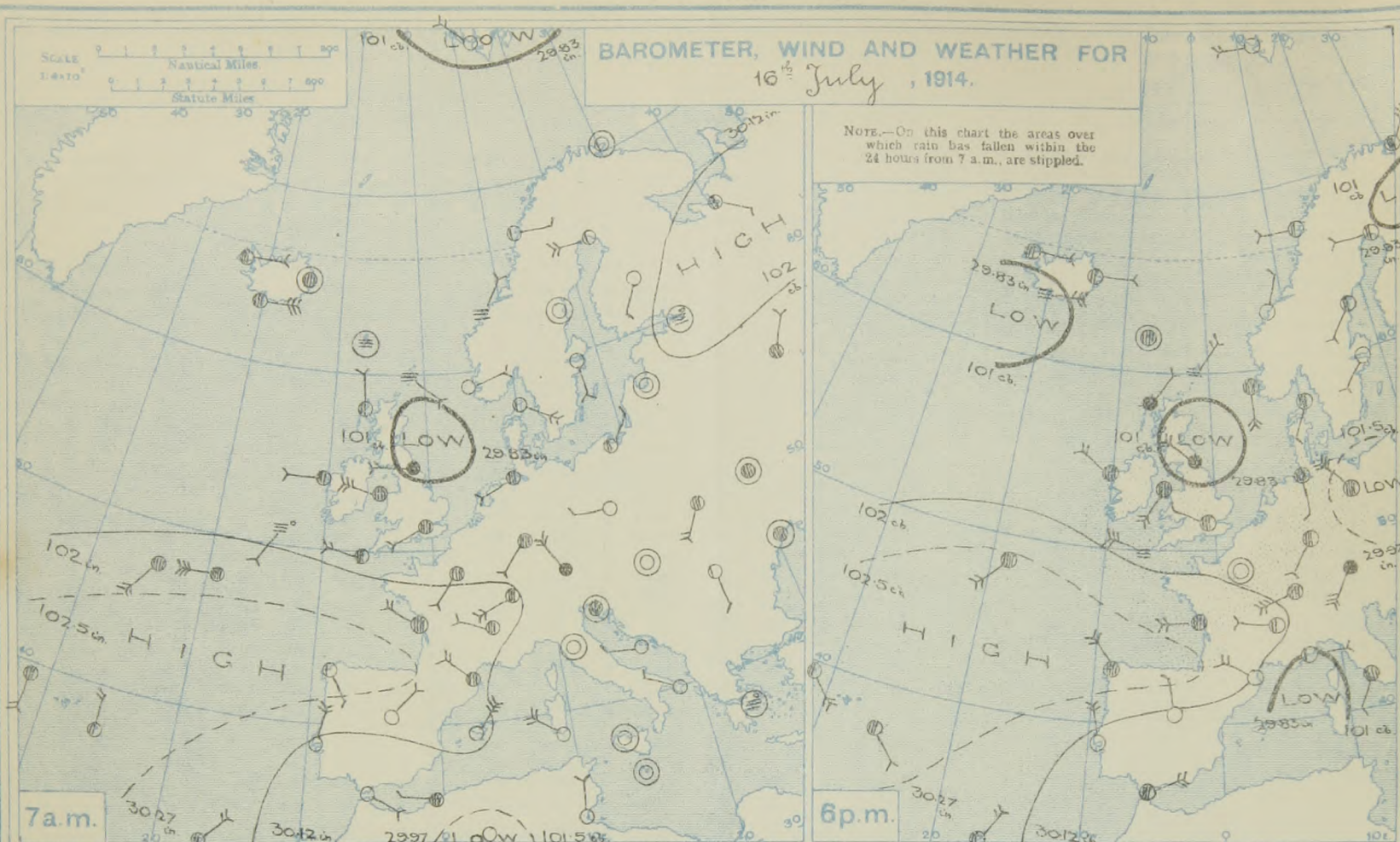


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,  
17th July, 1914.

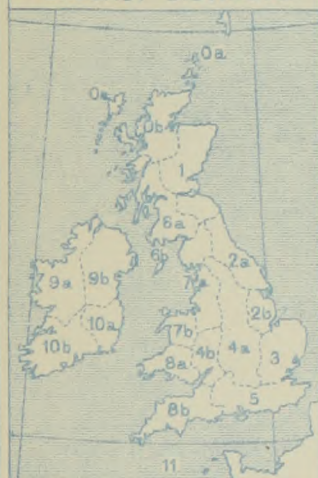
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.  Hours.
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Direc. of Upper Cloud	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
				Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.																								
	Lerwick ...	1013.6	SE	3	f	1016.9	+4	58	+5	SSE	2	S	bcm	2	-	58	51	f	f	fe. om	*	*	*	
	Stornoway ...	1012.6	NE	2	cdpm	1013.5	+1	58	+3	NE	2	-	o	1	0.4	61	55	c.o	cdpm	om. o	1.2	1.2	1.2	
	Castlebay (Barra Isd.)	1012.8	NW	3	c	1013.8	0	55	-1	NW	4	NW	o	4	-	60	53	bc	c	c. om. o	9.2	9.2	9.2	
	Glasgow ...	1009.6	W	4	og	1012.6	+3	58	+2	-	0	N	o	*	1	63	55	o. c. adp	o	o	0.3	0.3	0.3	
	Eskdalemuir ...	1009.1	WNW	5	o	1011.9	+2	58	+4	NW	2	-	o	*	3	60	53	o. org	org. o	o	0.0	0.0	0.0	
	Malin Head ...	1013.5	NW	4	bc	1014.7	0	57	0	NW	4	NW	me	4	0.1	61	55	bc	bc	cmg	7.8	7.8	7.8	
	Blacksod Point	1015.7	WNW	3	om	1017.9	0	56	+1	WNW	2	NW	omp	2	1	63	53	c. omp	ompd	omp	*	*	*	
	Valencia ...	1018.9	WNW	3	c	1020.9	-1	57	+1	-	0	-	omd	3	3	61	56	om	om	omd	0.4	0.4	0.4	
	Roche's Point	1017.6	NW	4	c	1019.7	*	58	+2	W	1	NW	c	2	0.2	64	55	ad. o.	o. c	c	*	*	*	
	Birr Castle ...	1015.4	SW	1	r	1017.8	*	56	+1	W	2	-	o	*	1	64	55	c	c. od	ad. o	0.5	0.5	0.5	
	Donaghadee ...	1011.6	NW	3	bc	1014.3	+1	58	+1	NW	3	NW	bc	3	-	68	56	bc	bc	bc	*	*	*	
	Liverpool (Bidston)	1013.7	WSW	4	o	1014.9	+1	56	-1	W	3	W	r	3	15	62	55	bc	op	or	1.3	1.3	1.3	
	Holyhead ...	1016.1	SW	4	cv	1016.6	+1	58	+2	WNW	5	S	om	4	0.2	63	55	c. bc	bc. c	c. opd	2.8	2.8	2.8	
	Pembroke (St. Ann's)	1017.2	WNW	3	o	1017.9	+1	57	+1	WNW	3	NW	cg	3	1	60	56	cg	cg	omd	2.6	2.6	2.6	
	Newquay ...	1017.8	SW	2	o	1019.4	+2	60	0	W	3	W	o	3	1	61	57	c. o	o. od	od. f. o	0.2	0.2	0.2	
	Scilly (St. Mary's)	1018.4	WNW	5	fe	1020.3	+2	58	+1	NW	4	NW	cm	5	1	60	57	cp	fe	c. cmg	0.2	0.2	0.2	
	Jersey (St. Aubin)	1020.1	W	4	b	1019.7	*	60	-1	W	3	W	ome	2	1	64	58	c. o	o. c. o	c. cmg	1.0	1.0	1.0	
	Portland Bill ...	1018.0	W	5	b	1017.3	+2	62	+2	WNW	4	NW	b	3	1	64	58	bc	bc	bc. bm	*	*	*	
	Dungeness ...	1016.9	SW	5	c	1017.2	0	61	+1	SW	2	-	o	3	-	68	56	cp. c	c	c. o	*	*	*	
	Dover ...	1017.4	SE	1	c	1017.5	*	62	+2	SW	2	SW	bc	1	8	68	55	bcp. bc	bc. c	c. bc	7.3	7.3	7.3	
	Wick ...	1011.4	NE	3	f	1015.0	+2	56	+2	SE	3	SE	o	3	1	56	54	or. om	om. fe	omp. om	*	*	*	
	Nairn ...	1010.4	-	0	dm	1013.4	*	59	+3	-	0	-	cm	1	14	59	55	r. dm	opdm	dm. o	0.0	0.0	0.0	
	Aberdeen ...	1009.2	NNE	2	o	1014.0	+1	56	-1	E	3	-	o	3	2	62	55	qm	omd	omd	0.0	0.0	0.0	
	Leith ...	1008.2	W	2	o	1011.9	+2	58	+1	WNW	2	-	adp	*	11	63	56	or	or. o	o	*	*	*	
	Tynemouth ...	1007.6	NW	4	o	1011.7	+5	57	+1	SW	1	-	ogm	3	42	58	55	om. r. l	or. m	om. r. l	0.0	0.0	0.0	
	Spurn Head ...	1014.1	SW	3	r	1016.4	+2	58	0	SSW	3	S	c	4	1	65	55	c	op	or	1.7	1.7	1.7	
	Yarmouth ...	1015.4	ESE	2	o	1016.4	-1	62	+5	SE	2	SW	o	1	-	71	57	bc	bc. o	o	9.8	9.8	9.8	
	Clacton-on-Sea	1015.6	SSE	2	c	1016.6	+1	60	+4	WSW	1	W	c	1	-	71	56	bc. c	c	c. o. c	6.0	6.0	6.0	
	Nottingham ...	1014.8	SW	1	r	1015.6	*	56	-1	SSW	1	SW	o	*	9	65	54	c. o	or	r. or	1.2	1.2	1.2	
	Bath ...	1016.9	W	4	b	1016.9	*	58	-1	NW	1	W	o	*	2	68	56	o. c. bc	c. bc. b	b. bc. o	9.3	9.3	9.3	
	London (Kew Obsy.)	1016.1	WNW	1	c	1017.4	0	61	+2	SW	2	SW	c	*	0.2	69	55	o. c. p. o	o. c	c. o. l. c	2.4	2.4	2.4	
	Spitzbergen ...	1013.5	W	3	b	1016.3	+1	42	-4	W	4	*	b	*	-	46	39	*	*	*				
	Isafjord ...	1010.7	E	2	c	1011.0	+2	58	+5	-	0	*	c	*	*	*	*	*	*					
	Reykjavik ...	1007.9	ESE	3	o	1011.1	0	52	-2	SSE	2	*	o	*	*	*	*	*	*					
	Vestmanna ...	1009.9	E	5	f	1008.4	-2	48	-1	E	2	*	f	*	*	*	*	*	*					
	Seydisfjord ...	1012.6	E	2	bc	1011.5	0	46	2	-	0	*	f	*	*	*	*	*	*					
	Thorshavn ...	1015.3	-	0	o	1015.7	0	51	+1	-	0	*	f	*	*	*	*	*	*					
	Vardö ...	1012.4	NE	6	c	1014.4	+3	46	-6	N	4	-	c	2	0	52	45	*	*	*				
	Bodö ...	1015.5	W	2	bc	1016.4	0	57	-2	N	1	-	b	2	-	59	52	*	*	*				
	Christiansund	1015.4	NNE	1	b	1017.5	+1	61	+6	W	1	-	o	2	-	63	55	*	*	*				
	Skudesnaes ...	1018.0	S	4	o	1019.8	0	66	-4	NE	1	-	b	1	-	78	57	*	*	*				
	Færder (X'iantia Fjord)	1015.4	WSW	1	b	1017.2	+1	70	+2	SW	1	-	m	1	-	77	68	*	*	*				
	The Scaw (Skagen)	1015.3	SSW	1	c	1017.5	0	68	-2	WSW	1	-	b	1	-	77	63	*	*	*				
	Blaavands Huk	1016.4	SW	1	m	1017.3	0	64	-2	WNW	1	-	o	2	Trace	72	61	*	*	*				
	Haparanda ...	1010.1	W	2	bc	1010.7	0	68	-4	NE	3	NW	c	*	-	82	57	*	*	*				
	Hernösand ...	1012.6	SW	2	bc	1012.0	-1	77	+2	N	2	NW	b	*	-	82	63	*	*	*				
	Stockholm ...	1016.3	SW	2	b	1016.2	-2	75	-2	WSW	4	-	b	*	-	84	63	*	*	*				
	Wisby ...	1017.7	N	2	b	1017.7	-1	77	0	NW	2	-	b	*	-	82	63	*	*	*				
	Karlstad ...	1014.6	WSW	2	b	1016.7	0	75	+2	W	2	-	b	*	-	77	63	*	*	*				
	St. Petersburg	1018.4	SE	1	bc	1016.8	+3	64	+3	SW	2	-	c	*	6	73	59	*	*	*				
	Berlin ...	1014.3	NW	5	o	1012.8	0	64	-11	N	1	-	o	*	9	79	63	*	*	*				
	Frankfurt ...	1016.7	SW	2	c	1018.7	+1	59	-2	SW	1	-	o	*	Trace	70	54	*	*	*				
	Munich ...	1018.0	SW	5	r	1019.0	0	52	-5	W	6	-	r	*	28	61	52	*	*	*				
	Vienna ...	1016.7	S	1	o	1016.4	0	63	-3	NW	4	-	o	2	2	70	61	*	*	*				
	Cuxhaven ...	1016.3	SSW	2	b	1017.7	0	63	0	SSW	1	-	b	1	-	66	52	*	*	*				
	The Helder ...	1016.3	SSW	2	b	1017.7	0	63	0	SSW	1	-	b	1	-	66	52	*	*	*				
	Brussels ...	*	*	*	*	1018.7	0	61	+4	SW	1	-	b	*	Trace	72	50	*	*	*				
	C. Gris Nez ...	1017.3	WSW	5	c	1017.6	+1	60	0	SW	4	-	c	3	-	66	59	*	*	*				
	La Hève ...	1019.9	NW	4	c	1018.7	*	59	0	WSW	5	-	r	4	1	68	57	*	*	*				





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. North Cone. South Cone. North Cone.

No Warnings Issued.

Western Channel and Bay. 11

FURTHER OUTLOOK.

- 0 { a } Very variable breezes, finally South-Westerly,  
b } generally light to moderate; cloudy to dull, some rain  
and mist; moderate temperature.
- 1 { a } Calms and light variable to South-Westerly breezes;  
b } cloudy to dull, some rain and mist; moderate temperature.
- 2 { a } Wind between South and West, light  
b }
- 3 } generally; cloudy to fair, local showers;  
4 { a } moderate temperature.  
b }
- 5 }
- 6 { a } Light to moderate North-Westerly breezes,  
b }
- 7 { a } backing later; dull to fair, some rain;  
b }
- 8 { a } moderate temperature.  
b }
- 9 { a } Light to moderate Westerly and South-Westerly  
b } breezes; dull to fair, some rain and mist; moderate  
temperature.
- 10 { a } Light to moderate North-Westerly and Westerly  
b } breezes, backing later; cloudy, passing showers, mist or  
fog; moderate temperature.

Millibars

1050

1040

1030

1020

1010

1000

990

980

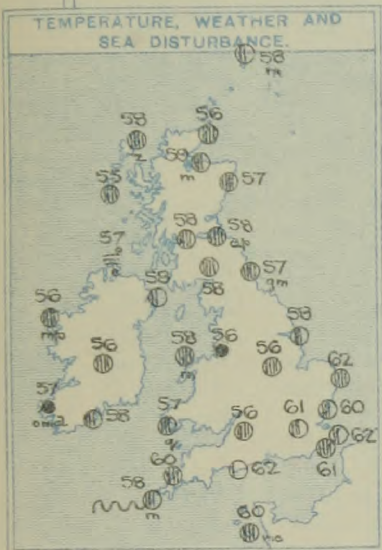
970



# SYNOPTIC CHART FOR 7 a.m., Friday, 17<sup>th</sup> JULY, 1914.

## GENERAL INFERENCE.

The depression over North Britain is filling up, but there are indications of another depression at some distance to the westward of Ireland. The changeable conditions are therefore likely to be maintained.

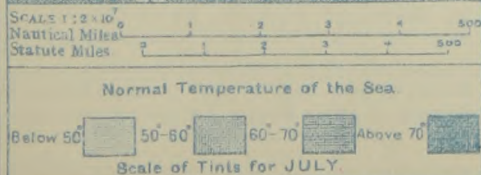


5; Minches.

31

30

29



## 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 wavy. High



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
17th 7am	55	10	Lake Manitoba	O	1017.9	+1	W	1-3	0						mb.	±		(0-12).	
" 51	51	16	Royal George	O	1017.6	-4	SSW	4-5	m										
16th 6pm	48	18	Olympic	H	1025.4	+1	SW	4-5	0										
" 7am	47	23	St. Paul	H	1024.0	+4	SW	4-5	0										
" 48	48	19		H	1022.3	+2	W	6-7	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.	
Scotland.	Oban	3	62	49	bc	bc	3.0	England, S.E.	Margate	3	67	56	bc	p	3.7
	Stonehaven	19	62	55	ogp	od	0.0		Ramsgate	12	68	55	b	p	3.9
	Carnoustie	9	66	55	*	*	0.3		Folkestone	1	67	56	on o	on o	7.5
	St. Andrews	12	65	50	*	*	0.0		Hythe	3	70	55	bc	bc	3.5
	Banff	4.0	59	56	dr. d. me	nd	0.0		Littlestone	*	*	*	*	*	6.9
Eng. N.E.	Harrogate	14	57	51	mr	or	0.0	England, S.E.	Hastings	2	67	53	b. bc. op	bc	6.3
	Scarborough	*	59	54	or	or	0.0		Bexhill-on-Sea	1	67	54	or	bc	5.6
	Skegness	-	69	52	bc	bcg	6.6		Eastbourne	0.3	65	56	b. bc	bc	7.6
Eng. N.W.	Douglas (I. of M.)	-	-	-	-	-	-	England, S.E.	Seaford	-	66	56	c	bc	7.7
	Morecambe	9	62	57	bc. o	or	0.2		Brighton	2	67	56	c. op. c	o	5.3
	Blackpool	2	62	54	o. c	or	0.1		Worthing	5	70	54	c	enc. bc	5.0
Mid-lands.	Southport	-	61	57	o. c. o	or	0.7	England, S.W.	Littlehampton	1	71	54	c. bc. b	bc	4.4
	Buxton	1	60	52	bc	c. cr	1.1		Bognor	0.3	67	53	p	bc	4.8
	Leamington Spa	-	66	51	c. b	c. b	3.5		Southsea	-	69	57	bc	b	8.5
Wales.	Malvern	2	67	55	c. bc	bc. c	3.5	England, S.W.	Ryde	4	67	57	b	bc	7.0
	Rhyl	-	65	55	bc	c	0.5		Ventnor	2	68	55	*	*	10.9
	Colwyn Bay	-	63	56	c. bc	bc	0.5		Bournemouth	1	67	54	r. bc	o. c	4.0
England, E.	Llandudno	-	67	57	o	bc	0.6	England, S.W.	Tunbridge Wells	4	68	52	c. bc	p. bc. o	4.1
	Bettws-y-Coed	-	63	54	c	c	1.2		Weymouth	-	70	58	bc	b	7.5
	Aberystwyth	-	62	57	o. c	bc. o	4.7		Exmouth	-	-	-	-	-	-
England, E.	Tenby	3	65	54	bc. o	c. o	6.0	England, S.W.	Teignmouth	2	68	57	ep. bc	bc	4.6
	Cromer	-	64	52	bc. c	c	6.0		Torquay	0.3	69	57	bc	c	3.8
	Lowestoft	-	71	54	b. bc	bc. c	8.6		Paignton	1	68	56	c	c	2.5
England, E.	Felixstowe	3	70	61	bc	bc. p	6.4	England, S.W.	Plymouth	1	64	56	o	or	0.1
	Walton-on-Naze	-	70	54	b. bc. c	cp. c. og	6.3		Falmouth	-	65	56	o. c	eg	0.7
	Southend-on-Sea	2	70	57	bc. bc. bc	bc	6.0		Bude	-	63	59	o. ep	c. omd	0.1
								England, S.W.	Ilfracombe	-	63	58	c. bc	bc. c	7.1
									Weston-super-Mare	-	66	57	b. bc. b	b	10.0

## 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.										
	%	%	Hr.	° F.	° F.	° F.	mm.			
Greenwich (Royal Obs.) ...	62	65	5.4	72	55	48	0.4	bc. b	p. bc. b	bc. b
City (Rushhill Row) ...	*	*	4.8	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	68	77	4.5	70	56	54	—	c bc	bc. or	o
Camden Sq. (Brit. Rainfall)	65	61	5.6	72	55	52	1	bc. o	cp. c	*
Hampstead (Reservoir) ...	*	76	5.0	66	53	51	5	c op	op.	bc c
Richmond Park ...	*	*	3.8							
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.)	64	74	4.8	1564 Joules		27.0 Milliwatts.		87.0 Milliwatts		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shin for Yester- day.
		In Screen.		Night Min. on Grass	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm. <sup>g</sup>	° F.	° F.	° F.				Hr.
Dublin to 4 p.m.	1	68	54	54	p. bc	c	c. b	*
Darwen to 9 p.m.	8	59	53	49	bcw	bc. or	or	0.6
Manchester "	4	62	52	*	bc. c	c. or	or	0.1
Birmingham "	—	64	51	42	*	c. o	. o	1.9
Oxford to 8 p.m.	%	67	51	48	bcmb	b. bc. c	c. o	%
S. Kensington (Museum Grounds to 6 p.m.)	3	70	55	51	or. c	c. o	c. o	*

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

17th July 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 3.50 3.51	G.M.T. 11.59 11.59	G.M.T. 8.7 8.6
Greenwich	4.4 4.5	12.6 12.6	8.8 8.7
Wick	3.34 3.35	12.18 12.18	9.1 9.0
Valencia	4.41 4.42	12.47 12.47	8.52 8.51

## NOTES ON YESTERDAY'S WEATHER.

Temperature touched 70° or 71° at a few southern stations. Rain fell generally, heavily in the north-east with local thunderstorms, Banff registered 40 mm., and Tynemouth 42 mm. Several districts had no bright sunshine, Yarmouth nearly 10 hours. As far west as the 25th meridian ships experienced light to strong South-Westerly to Westerly winds, with dull weather and mist.

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.

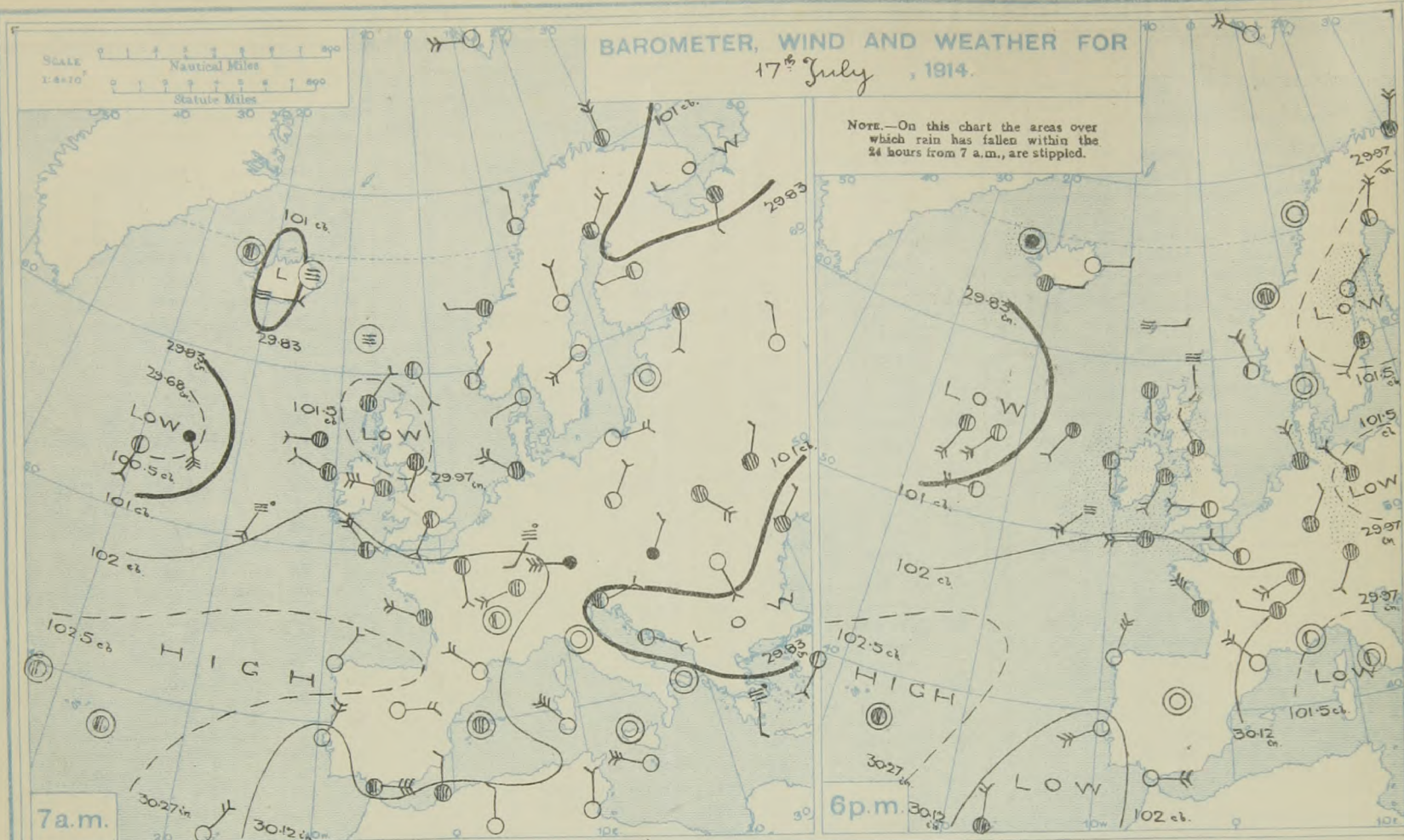
The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Termini in London.



Saturday,  
18th July, 1914.

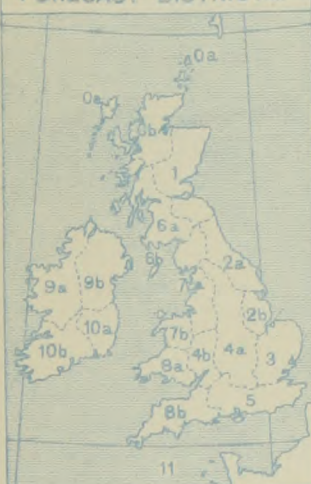
\* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.





**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.**

0 { Light variable to South-Westerly breezes; dull to fair, some rain and mist, local coast fog; moderate temperature.

1 { South-Westerly to Westerly breezes, mostly light; some rain

2 { and mist, fair intervals; cool to moderate temperature.

Western Channel and Bay. 11 { Easterly breezes on Southern Bay, elsewhere South-Westerly to Westerly, generally light; changeable, some showers, mist or fog; moderate temperature.

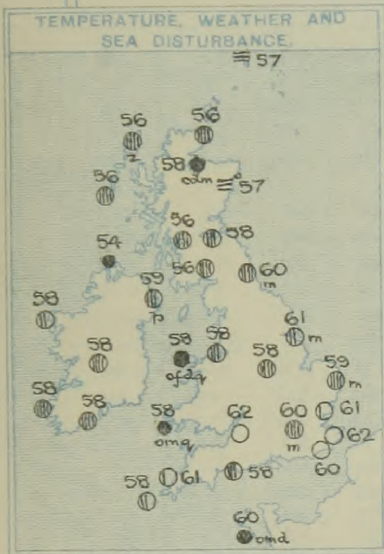
**FURTHER OUTLOOK.**



# SYNOPTIC CHART FOR 7 a.m., Saturday, 18<sup>th</sup> JULY, 1914.

## GENERAL INFERENCE.

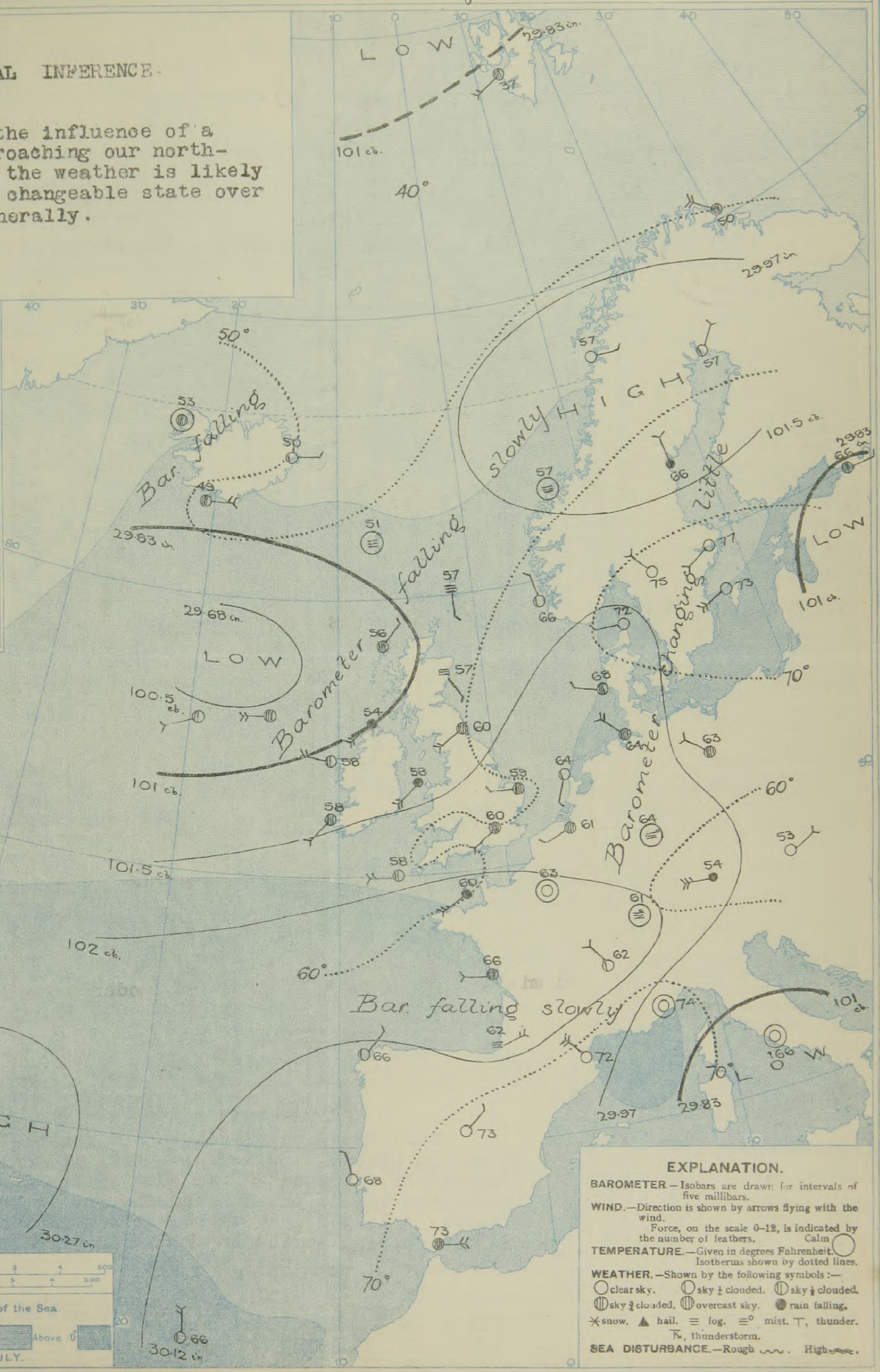
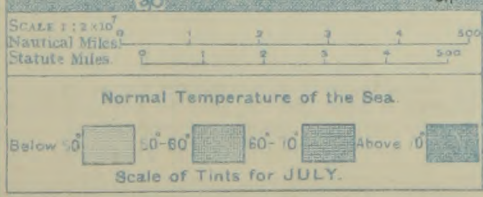
Under the influence of a depression approaching our north-western coasts the weather is likely to remain in a changeable state over the country generally.



Inches  
31

30

29



## 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 ~~~.



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
18th 7 a.m.	55	19	Canada	H	1009.8	+1	WSW	1-3	bc	17th 6 p.m.	55	14	Lake Manitoba	O	1014.5	-3	SW	1-3	b
" "	55	14	Scandinavian	H	1005.7	-1	W	4-8	c	" "	51	11	Baltic	O	1014.9	-2	SW	4-8	m
17th 6 p.m.	54	24	Canada	H	1010.5	+1	SW	4-5	c	" 1 p.m.	55	12	Lake Manitoba	O	1017.9	-1	WSW	1-3	c
" "	51	21	Royal George	O	1015.2	0	W	4-5	b	" 7 a.m.	53	29	Canada	H	1005.7	+1	SSW	1-3	bc
" "	54	20	Scandinavian	H	1006.4	+3	SW	4-5	bc	" "	54	23	Scandinavian	H	1006.4	0	SE	6-7	r

## 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 ... ..	—	56	55	md	m.o	0.0	England, S.E.	Margate ... ..	1	69	57	bc	bc	6.3
	Stonehaven ... ..	2	58	50	od	o	0.0		Ramsgate ... ..	3	63	55	b	b	6.6
	Carnoustie ... ..	1	63	55	*	*	1.1		Folkestone ... ..	—	64	58	o.bc	bc.b	5.1
	St. Andrews ... ..	—	61	56	*	*	0.2		Hythe ... ..	3	69	54	o.c.bc	bc	3.8
	Bangor ... ..	10	61	56	g	o.c	0.0		Littlestone ... ..	*	*	*	*	*	5.0
Eng. N.E.	Harrogate ... ..	—	61	54	o	o.c	0.3	England, S.E.	Hastings ... ..	3	66	55	od	bc.o.c	0.6
	Scarborough ... ..	*	65	59	o.c	o.c	1.4		Bexhill-on-Sea ... ..	2	66	57	or	bc.or	1.3
Eng. N.W.	Skegness ... ..	2	66	62	bc.er	egp	2.7		Eastbourne ... ..	2	67	57	omr	o.bc.b	2.3
	Douglas (I. of M.) ... ..	—	60	54	og	o	0.0		Seaford ... ..	2	70	57	or	c	2.3
	Morecambe ... ..	30	60	56	op	op	0.0		Brighton ... ..	2	68	57	or.o	o.c.bc	2.6
	Blackpool ... ..	36	60	56	or	o	0.0		Worthing ... ..	1	69	55	d.o.bc	bc.b	5.0
Mid-lands.	Southport ... ..	34	60	55	or	or.o	0.0		Littlehampton ... ..	0.3	71	54	c.bc	c.bc.b	3.7
	Buxton ... ..	27	69	52	er	er	0.0		Bognor ... ..	2	69	55	or	bc	4.5
	Leamington Spa ... ..	1	69	53	c.b	bc	2.6		Southsea ... ..	2	73	56	c.b.bc	bc.b	6.0
Wales.	Malvern ... ..	—	69	53	o.c.bc	bc.b	3.5		Ryde ... ..	2	70	57	bc	bc	6.5
	Rhyl ... ..	—	65	57	bc	o	1.8		Ventnor ... ..	4	69	56	*	*	8.0
	Colwyn Bay ... ..	—	62	57	c.bc	bc	0.6		Bournemouth ... ..	2	68	55	c	c.o.c	3.2
	Llandudno ... ..	2	64	57	op	bc	0.6		Tunbridge Wells ... ..	—	69	52	od.c.bc	bc.b	1.5
	Bettws-y-Coed ... ..	—	63	59	o	o	0.8		Weymouth ... ..	0.3	71	59	bc	c.bc.b	9.1
England, E.	Aberystwyth ... ..	3	62	57	r.o.c	c.o	0.2		Exmouth ... ..	—	71	59	bc	bc	4.6
	Tenby ... ..	2	64	58	o.c	c	2.4		Teignmouth ... ..	—	72	59	c.bc	bc	3.8
	Cromer ... ..	2	65	53	c	c	3.5		Torquay ... ..	—	72	60	o	c.bc.o	3.6
	Lowestoft ... ..	10	67	54	op.c.bc	bc.c.o	3.1		Paignton ... ..	—	71	58	c.bc	bc.c	2.6
	Felixstowe ... ..	—	67	58	cm	c	3.0		Plymouth ... ..	0.3	68	58	o	og	1.8
England, E.	Walton-on-Naze ... ..	—	68	58	o.c.bc	o.c.og	5.5		Falmouth ... ..	0.3	67	58	bc.o	c.o	1.9
	Southend-on-Sea ... ..	—	75	58	bc	bc.op.o	8.1	Bude ... ..	—	—	—	—	—	—	—
								England, S.W.	Ilfracombe ... ..	1	63	58	o	o	1.5
									Weston-super-Mare ... ..	2	66	56	bc.b	b.bc.b	5.3

## LONDON OBSERVATIONS.

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.	Max.						Min.									
	24 HOURS ENDED 9 A.M. TO-DAY.																								
Greenwich (Royal Obsy.) ...	54	70	8.8	78	53	42	-	b. bc	b. bc	b. bc	Dublin to 4 p.m.	0.3	64	56	56	op.c	c. o	a. c	*						
City (Bunhill Row) ...	*	*	7.6	*	*	*	*	*	*	*	Darwen to 9 p.m.	31	57	53	53	or thr	or	our	0.0						
Westminster (St. James's Pk.)	70	84	7.7	72	55	51	-	bc	bc	bc	Manchester "	25	61	55	*	or	or	o	0.6						
Camden Sq. (Brit. Rainfall)	58	72	7.5	71	54	51	-	o bc	bc	*	Birmingham "	2	66	52	48	p	o	o	0.7						
Hampstead (Reservoir) ...	*	84	11.0	72	54	48	-	bc	bc.c	c	Oxford to 8 p.m.	*	71	53	47	c. bc	bc. c. o	c. bc	*						
Richmond Park ...	*	*	7.5																						
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.)				61		79		70		1750 Joules		20.3 Milliwatts.		83.0 Milliwatts.											
													-	73	56	53	c.n	c. bc	bc. o	*					
S. Kensington (Museum Grounds to 8 p.m.)																									

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

18th & 19th July 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 3.51 3.52	G.M.T. 11.59 11.59	G.M.T. 8.6 8.5
Greenwich	4.5 4.7	12.6 12.6	8.7 8.6
Wick	3.35 3.37	12.18 12.18	9.0 8.59
Valencia	4.42 4.44	12.47 12.47	8.51 8.50

## NOTES ON YESTERDAY'S WEATHER.

Very heavy rain fell in the north of England, 27mm. to 36 mm. in places. Other districts had only small amounts. Temperature exceeded 70° at some southern stations. Several localities had no bright sunshine, while Weymouth exceeded 9 hours. As far west as the 25th meridian ships experienced light to strong Southerly and South-Westerly winds, fair. to dull weather, some rain and mist.

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.



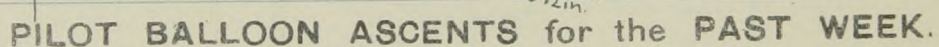
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
19th July 1914.

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 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 ...	1008.8	58	SE	3	om	1007.4	+2	57	0	SSE	2	SE	bcm	1	—	59	55	f	cmom	ombcm	*	*	*	
Stornoway ...	1005.9	57	S	2	cdpm	1006.6	+2	57	+1	S	6	SW	bog	5	0.4	60	53	og	cdpm	at bog	0.0	0.0	0.0	
Castlebay (Barra Isd.)	1006.6	57	SW	4	o	1006.5	0	56	0	SSE	3	S	bc	3	5	58	52	or op	op	o.bc	0.0	0.0	0.0	
Glasgow ...	1009.8	60	WSW	1	o	1007.4	-1	57	+1	ESE	1	S	or	*	6	62	55	adp	adp.co	op.o	0.8	0.8	0.8	
Eskdalemuir ...	1011.9	58	SSW	4	o	1005.3	0	56	0	SSE	2	—	o	*	4	62	53	o.or.o	or.o	o.or.o	0.8	0.8	0.8	
Malin Head ...	1008.1	58	W	5	c	1006.6	0	56	+2	ESE	3	SE	bc	1	—	63	53	cg	cg	bc	6.2	6.2	6.2	
Blacksod Point	1009.7	59	W	3	cv	1004.8	-1	54	-4	SSE	2	S	or	2	11	62	52	bc.c	cv	cu ogr	*	*	*	
Valencia ...	1011.5	60	WSW	2	c	1002.7	-3	53	-5	—	0	—	omr	3	19	61	52	omp	c	or	3.3	3.3	3.3	
IRISH ISLANDS.																								
Roche's Point	1012.1	59	S	3	c	1004.4	*	55	-3	SSE	2	—	r	2	3	62	54	op	opc	c.or	*	*	*	
Birr Castle ...	1010.5	60	SW	1	c	1005.3	*	53	-5	S	1	—	r	*	9	62	50	ad	onc	or	1.0	1.0	1.0	
Donaghadee ...	1009.3	62	W	2	bcg	1007.0	0	57	-2	SW	2	SW	emp	2	1	69	55	bcg	bcg	omp.op	*	*	*	
Liverpool (Bidston)	1012.6	66	SW	2	bc	1007.7	-2	60	+2	SE	1	S	bc	2	—	68	56	ac	bc	c	5.2	5.2	5.2	
Holyhead ...	1013.5	60	SSW	5	cg	1007.6	-2	59	+1	SSW	3	—	opd	2	0.1	65	57	d.ov.c	c.bcg	c.opd	5.2	5.2	5.2	
Pembroke (St. Ann's)	1013.0	59	SW	3	c	1006.4	-8	57	-1	SW	2	SW	o	2	2	62	55	mr	cg	c	0.1	0.1	0.1	
Newquay ...	1014.1	62	SW	2	adm	1005.6	-7	59	-2	S	3	—	ou	3	0.4	67	55	bv	adm	od.f.o	5.7	5.7	5.7	
SCOTLAND.																								
Scilly (St. Mary's)	1014.6	60	S	1	f	1006.3	-5	56	-2	WSW	2	SW	orm	3	3	63	55	com.f	f	c.omm	3.4	3.4	3.4	
Jersey (St. Aubin)	1018.0	65	W	3	c	1010.3	*	61	+1	SW	3	SW	og	2	Trace	69	59	o	bc	c.b.o	3.1	3.1	3.1	
Portland Bill ...	1016.5	61	WSW	4	cpd	1009.4	-3	60	+2	SW	5	SW	er	4	3	64	57	bc	cd	c.d.m	*	*	*	
Dungeness ...	1016.3	62	WSW	4	c	1011.9	-1	65	+5	S	2	SW	c	2	—	67	59	bc	bc	c.o.c	*	*	*	
Dover ...	1016.2	60	SW	5	o	1011.8	*	62	0	SE	2	S	bc	3	—	64	56	b.bc.om	o.bc.o	o.c.bc	7.6	7.6	7.6	
ENGLAND.																								
Wick ...	1007.4	58	SSE	2	m	1008.1	+1	57	+1	—	0	—	bc	1	—	60	52	ombm	bcm	cm.bcm	*	*	*	
Nairn ...	1007.0	64	WSW	1	bc	1007.3	*	56	-2	—	0	—	c	0	0.4	67	50	b.c	p.c	bc.c	1.6	1.6	1.6	
Aberdeen ...	1008.2	62	S	2	bc	1006.6	0	62	+5	SSW	2	S	c	2	—	67	53	omv.bc	o.bc	c.bc	3.5	3.5	3.5	
Leith ...	1009.4	64	W	2	c	1007.8	0	60	+2	SE	2	SW	c	*	3	66	58	c.o.r.o	o.c.o.c	c.op	*	*	*	
Tynemouth ...	1010.5	65	SSW	3	cm	1009.5	0	58	-2	SSE	2	—	om	2	—	67	54	bc.m	bc.m	bc.m	0.7	0.7	0.7	
Spurn Head ...	1013.6	70	SW	3	bc	1011.4	0	60	-1	S	2	—	or	2	1	75	57	c	bc	bc.c	7.1	7.1	7.1	
Yarmouth ...	1014.3	69	S	3	bc	1011.8	-3	64	+5	S	3	S	c	2	—	72	58	bc	bc	c	6.6	6.6	6.6	
Clacton-on-Sea	1014.5	67	SSE	4	c	1011.5	-1	63	+3	SSW	3	W	c	3	—	69	60	b.bc.cg	og.c	bc.c	6.3	6.3	6.3	
Nottingham ...	1013.6	67	W	3	c	1009.4	*	61	+3	S	1	S	c	*	0.1	72	57	o.c	o.c	c	4.2	4.2	4.2	
Bath ...	1014.9	68	WSW	3	o	1009.5	*	60	-2	SW	1	SW	r	*	6	71	59	bc	b	or	7.0	7.0	7.0	
London (Kew Obsy.)	1014.5	72	SW	2	bcv	1010.7	-2	65	+5	S	2	S	o	*	—	75	60	om.og.or	o.c.v.bcv	bc.v.o	6.0	6.0	6.0	
IRELAND, FAEROE, &c.																								
Spitzbergen ...	1005.6	37	WSW	4	bc	1006.6	+3	41	+4	—	0	*	o	*	—	41	34	*	*	*	*	*	*	
Isafjord ...	1010.3	58	—	0	c	1007.1	-2	52	-1	E	1	*	o	*	—	*	*	*	*	*	*	*	*	
Reykjavik ...	1010.0	55	NW	2	o	1006.7	-3	53	+1	—	0	*	f	*	—	*	*	*	*	*	*	*	*	
Vestmanna ...	1009.3	50	—	0	o	1005.7	-2	50	+1	—	0	*	o	*	—	*	*	*	*	*	*	*	*	
Seydisfjord ...	1009.9	55	E	2	c	1005.9	-1	49	-1	—	0	*	c	*	—	*	*	*	*	*	*	*	*	
Thorshavn ...	1008.8	50	—	0	f	1006.4	0	51	0	—	0	*	f	*	—	*	*	*	*	*	*	*	*	
NORTHERN EUROPE.																								
Vardö ...	1010.3	46	—	0	r	1008.6	0	46	-4	NNE	3	—	o	2	—	50	43	*	*	*	*	*	*	
Bodö ...	1012.6	59	W	1	b	1010.9	0	57	0	W	2	—	bc	1	—	61	54	*	*	*	*	*	*	
Christiansund	1010.1	64	—	0	c	1012.6	+1	61	+4	—	0	—	o	2	4	64	57	*	*	*	*	*	*	
Skudesnaes ...	1013.6	64	SSE	3	c	1013.2	0	64	-2	S	3	—	o	2	2	66	59	*	*	*	*	*	*	
Færder (Xtania Fjord)	1011.7	70	SSW	4	b	1011.9	0	66	-6	SW	4	SW	b	2	—	75	66	*	*	*	*	*	*	
The Scaw (Skagen)	1013.3	73	WNW	2	b	1013.7	0	68	-4	W	3	—	bc	2	—	79	61	*	*	*	*	*	*	
Blaavands Huk	1015.8	66	NW	1	b	1015.0	0	68	0	SW	1	—	m	2	—	70	54	*	*	*	*	*	*	
Haparanda ...	1012.6	63	SW	2	c	1007.7	-1	64	+7	SW	4	NW	bc	*	—	70	52	*	*	*	*	*	*	
Hernösand ...	1013.9	66	E	2	b	1010.4	-1	70	+4	—	0	—	o	*	—	70	59	*	*	*	*	*	*	
Stockholm ...	1011.7	72	E	2	o	1009.2	0	75	-2	WNW	2	—	b	*	13	86	64	*	*	*	*	*	*	
Wisby ...	1011.9	75	SW	2	b	1011.9	0	77	+4	WSW	2	—	b	*	—	81	66	*	*	*	*	*	*	
Karlstad ...	1011.3	84	W	4	b	1011.9	0	72	-3	W	4	—	b	*	—	88	63	*	*	*	*	*	*	
St. Petersburg	1014.4	63	ENE	1	bc	1016.2	+1	55	-11	SE	1	—	o	*	—	68	54	*	*	*	*	*	*	
CENTRAL EUROPE.																								
Berlin ...	1014.0	73	NW	2	b	1014.0	0	72	+9	N	2	—	b	*	Trace	82	63	*	*	*	*	*	*	
Frankfurt ...	1017.1	68	NE	1	o	1014.3	-1	66	+2	NE	1	NE	c	*	—	72	57	*	*	*	*	*	*	
Munich ...	1018.4	55	SW	2	r	1014.6	-2	59	+5	S	2	—	o	*	3	57	54	*	*	*	*	*	*	
Vienna ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cuxhaven ...	1016.2	66	NW	2	b	1014.6	0	64	0	S	2	—	b	0	—	70	59	*	*	*	*	*	*	
The Helder ...	1016.2	66	SW	2	b	1013.1	0	66	+2	SSE	2	—	c	1	—	68	54	*	*	*	*	*	*	
Brussels ...	*	*	*	*	*	1013.6	-2	64	+3	S	1	—	c	*	—	—	—	—	—	—	—	—	—	
FRANCE.																								
C. Gris Nez ...	1016.4	61	SW	5	o	1011.9	-2	64	+3	S	3	*	c	2	—	68	59	*	*	*	*	*	*	
La Hève ...	1017.7	64	NW	2	bc	1011.8	*	64	+3	SE	3	*	c	3	—	70	59	*	*	*	*	*	*	
Ushant ...	1019.7	61	ESE	3	o	1009.2	*	60	+1	S	3	*	f	3	1	63	55	*	*	*	*	*	*	
Brest (St. Matheu)	1018.6	63	SSW	2	bc	1009.5	-4	59	-3	S	4	*	r	3	2	66	59	*	*	*	*	*	*	
Rochefort (Ile d'Aix)	1017.1	71	NW	3	b	1011.1	-3	67	+1	SE	3	*	bc	*	—	75	63	*	*	*	*	*	*	
Biarritz ...	1016.0	72	NE	3	b	1011.4	-1	68	+6	WNW	3	*	c	2	—	77	62	*	*</					







18<sup>TH</sup> JULY, 1914.



Component Velocities to East and to North in Metres per Second.

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

South Cone.		South Cone.	
North Cone.		North Cone.	

NO WARNINGS  
ISSUED.

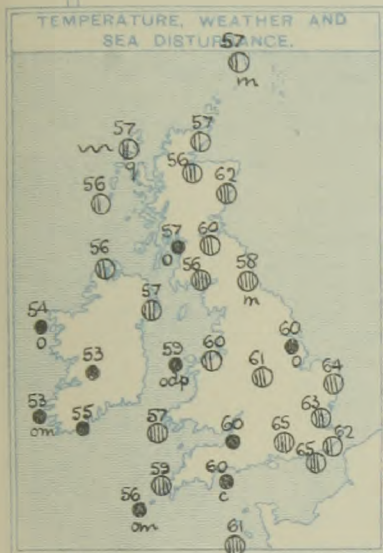
Western Channel and Bay. 11

### FURTHER OUTLOOK.

[illegible]



# SYNOPTIC CHART FOR 7 a.m., Sunday, 19<sup>th</sup> JULY, 1914.

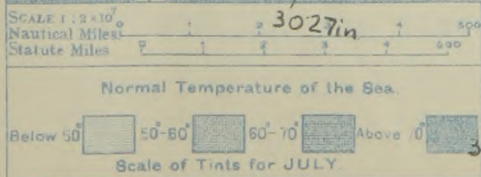


Inches.

31

30

29



## 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 High



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
19th 7am	49	25	Baltic	O	1011.5	+4	WNW	4-5	m.	19th 7am	55	15	Grampian	O	1005.7	+3	NNW	1-3	bc
"	50	22	Ionian	O	1011.2	0	NNE	1-3	o	"	55	15	Columbia	H	1002.7	0	NNE	1-3	c
"	51	23	Sicilian	O	1011.2	+3	W	1-3	o	"	50	15	Samland	H	1005.0	+1	N	1-3	c
"	49	21	Lusitania	H	1011.9	-1	NW	8-9	o	"	54	13	Preforian	O	1002.6	+1	NE	1-3	c
"	50	17	Tyrdie	O	1005.4	+5	N	4-5	bc	"	49	12	Vaderland	H	1002.4	+6	N	4-5	c
"	49	16	Maryland	O	1009.5	+5	NNW	6-7	r	18th 6pm	47	28	Lusitania	H	1021.3	-5	WNW	6-7	c
"	55	18	Mongolian	H	1004.8	-1	NNE	1-3	c	"	50	27	Ionian	H	1011.5	-3	WNW	4-5	o

## 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.	
Scotland.	Oban	...	69	57	a.c. bc	c	2.3	England, S.E.	Margate	...	69	55	b.c. b. c	c. b	8.0
	Stonehaven	...	66	55	*	*	2.3		Ramsgate	...	69	57	b	b	8.3
	Carnoustie	...	66	55	*	*	2.3		Folkestone	...	63	54	a. bc	b.c. o	5.9
	St. Andrews	...	69	57	a.c. bc	c	2.3		Hythe	...	*	*	*	*	9.6
	Barr	...	67	53	a.c.	a.c. bc	1.7		Littlestone	...	*	*	*	*	4.7
Engl. N.E.	Harrogate	...	73	55	b. bc	bc. c	9.2	Hastings	...	66	52	a. bc. o	bc. c	4.4	
	Scarborough	...	73	55	b. bc	bc. c	9.2	Bexhill-on-Sea	...	64	53	bc	bc	4.0	
Engl. N.W.	Skegness	...	73	55	b. bc	bc. c	9.2	Eastbourne	...	65	54	b. bc. o	a. bc. o	3.1	
	Douglas (I. of M.)	...	65	55	r. bc	bc. b	9.0	Seaford	...	Trace	65	51	c	c. o	5.8
	Morecambe	...	65	55	a. c	c	2.4	Brighton	...	68	53	a.c. bc	bc. c	7.4	
	Blackpool	...	66	55	a. bc	a. bc. b	4.2	Worthing	...	68	51	a. bc	bc. b	7.6	
	Southport	...	65	52	bc. r	bc	0.9	Littlehampton	...	70	50	c. b	c. b	7.8	
Mid-lands.	Buxton	...	71	51	c. b	c. b	3.4	Bognor	...	67	53	o	b	6.5	
	Leamington Spa	...	68	54	a. bc	bc. c	2.0	Southsea	...	70	54	a. c	c	6.5	
	Malvern	...	64	65	a. bc. o	bc	3.5	Ryde	...	70	54	*	*	6.5	
Wales.	Rhyl	...	64	65	a. bc. o	bc	3.5	Ventnor	...	70	54	a. c	c	9.5	
	Colwyn Bay	...	64	65	a. bc. o	bc	3.5	Bournemouth	...	70	54	a. bc. b	b. bc	8.0	
	Llandudno	...	62	58	r. c	c. o	0.2	Weymouth	...	70	60	a. bc. b	b. bc	6.5	
	Bettws-y-Coed	...	65	58	a	c. o	0.9	Exmouth	...	77	60	bc	c. o. d	5.4	
	Aberystwyth	...	65	58	a	c. o	0.9	Teignmouth	...	73	66	bc	bc	6.1	
England, E.	Tenby	...	74	56	b. bc. b	bc. c. b	7.5	Torquay	...	73	59	bc. cp	pc. bc	5.0	
	Cromer	...	74	56	b. bc. b	bc. c. b	7.5	Paignton	...	4	69	59	b	a. fe	4.2
	Lowestoft	...	72	56	bc	bc. o	6.0	Plymouth	...	1	68	58	bc. o	a. m. d.	4.6
	Felixstowe	...	70	54	b. bc. c	a. bc. o	7.5	Falmouth	...	1	67	58	a. bc	c. cp. d.	4.6
	Walton-on-Naze	...	77	56	bc. b	c. bc	8.2	Bude	...	2	65	59	o	a. bc. c	2.2
England, E.	Southend-on-Sea	...	77	56	bc. b	c. bc	8.2	Ilfracombe	...	2	65	59	o	a. bc. c	2.2
	Weston-super-Mare	...	77	56	bc. b	c. bc	8.2	Weston-super-Mare	...	2	65	59	o	a. bc. c	2.2

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rainfall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obs.)	58	68	10.4	80	60	56	b.	bc	c.
City (Bunhill Row)	*	*	6.1	*	*	*	*	*	*
Westminster (St. James's Pk.)	70	83	6.6	74	61	59	o. bc	bc. o	bc. o
Camden Sq. (Brit. Rainfall)	53	63	5.9	78	61	58	o. c	c. bc	*
Hampstead (Reservoir)	*	74	7.1	74	59	53	bc	c	bc
Richmond Park	*	*	5.9						
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.)				1440 Joules		25.0 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.	
Dublin to 4 p.m.	2	68	58	59	o. c	c	c. b
Darwen to 9 p.m.	1	62	52	49	o. m	o. m	c. b. o
Manchester	1	68	55	*	o. r	o. c. bc	bc. c
Birmingham	*	68	53	45	*	c. o	c. o
Oxford to 8 p.m.	*	71	53	47	b. o	o. bc. c	bc. c
S. Kensington (Museum Grounds to 6 p.m.)	-	75	56	51	c. o	o. c	cv

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

	19th July 1914.	20th July 1914.	21st July 1914.
Yarmouth	G.M.T. 3.52 3.54	G.M.T. 11.59 11.59	G.M.T. 8.5 8.4
Greenwich	G.M.T. 4.7 4.3	G.M.T. 12.6 12.6	G.M.T. 8.6 8.5
Wick	G.M.T. 3.37 3.39	G.M.T. 12.18 12.18	G.M.T. 8.59 8.57
Valencia	G.M.T. 4.44 4.46	G.M.T. 12.47 12.47	G.M.T. 8.50 8.43

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to above 70° in various parts of England. At Clacton-on-Sea and in London the minimum temperature was no lower than 60°. Rain fell over a considerable area in the west and north, as much as 1.9 in. (0.75 in.), at Valencia. Wireless reports show that a light to fresh or strong breeze from the Northward or North-Westward prevailed between the Irish coasts and the 28th meridian.

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.

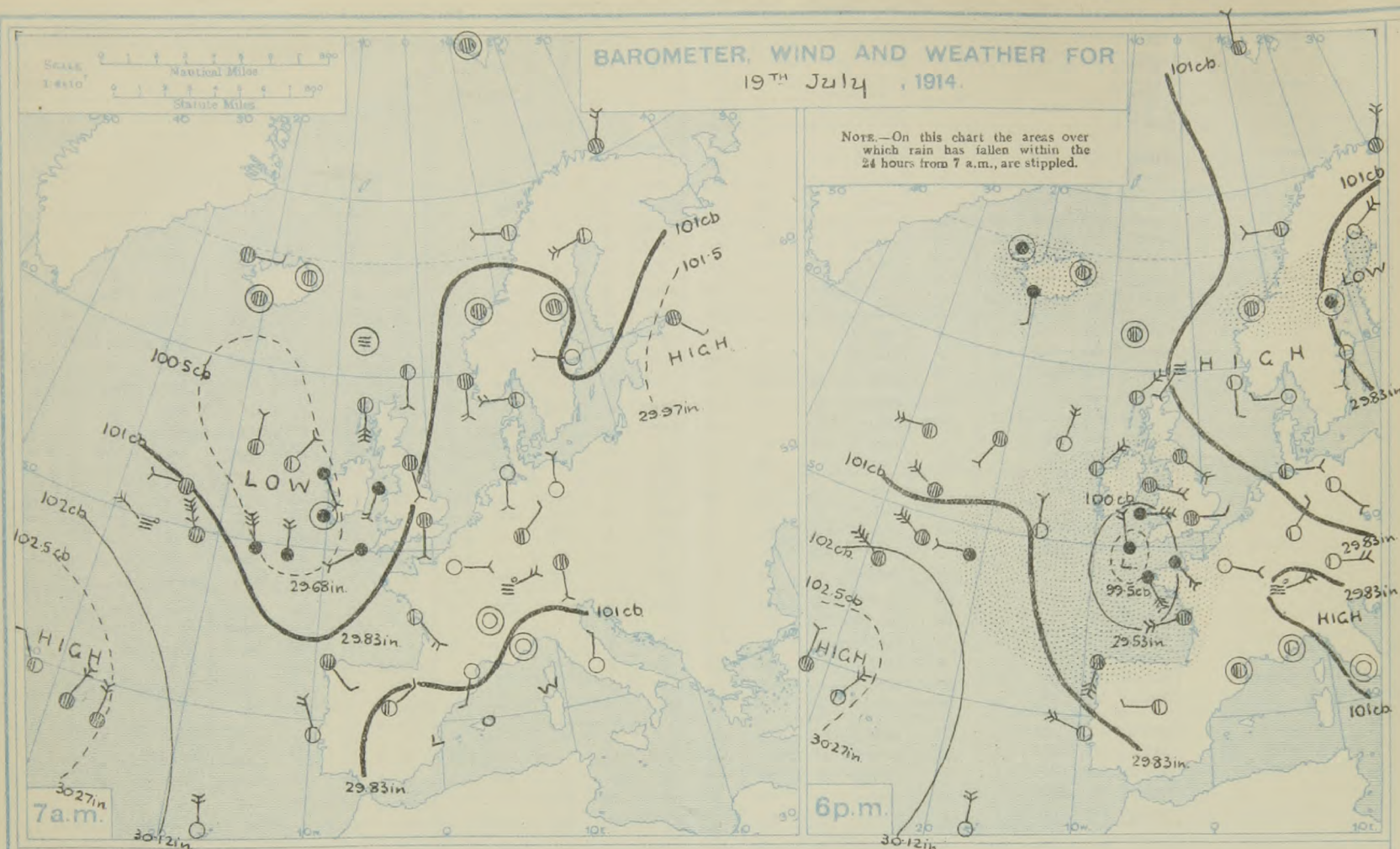


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,  
20th July, 1914.

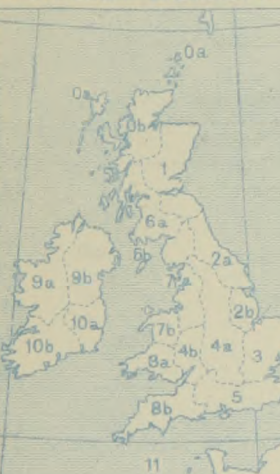
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.  Hours
		Barom. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	Barom. Milli- bars at M.S.L.	Change in 3 hours.	TEMP. ° F.	Change in 24 hours.	WIND.		Direc. of Upper Cloud	Weather.	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 ...	1010.7	55	SW	2	f	1011.5	+1	56	-1	SSW	3	-	f	2	-	64	53	bcm	bcm.f	f.c.m.m	*		
	Stornoway ...	1007.8	63	ENE	4	bc	1009.9	+2	60	+3	NE	1	-	b	1	-	67	50	bc.b	b.b.c	b	14.0		
	Castlebay (Barra Isd.)	1007.3	60	NW	3	c	1008.1	0	63	+7	ENE	4	-	c	4	-	63	56	bc.o	o.bc.o.c	c.bc	11.0		
	Glasgow ...	1006.1	63	ENE	3	cg	1008.7	+2	59	+2	ENE	5	-	c	*	1	69	57	op.c.o.c	c.op	c.o.c	2.5		
	Eskdalemuir ...	1006.1	62	W	3	c	1008.1	+1	60	+4	ENE	4	-	c	*	1	68	58	o.c	c.b.c	c	2.7		
	Malin Head ...	1005.5	58	ESE	4	bc	1007.0	+2	59	+3	E	2	-	b	2	0.2	59	55	omp	bcm	bcm	1.7		
	Blacksod Point ...	1004.2	61	NE	4	bc	1005.0	+1	59	+6	NNE	3	NE	bc	3	4	61	53	bc.v.g	bc	bc	*		
	Valencia ...	1001.3	60	N	3	c	1001.3	0	60	+7	N	5	-	ou	4	2	61	53	op	cp	bcm	1.0		
	Roche's Point ...	1000.6	59	ENE	3	c	998.2	*	62	+7	NNE	2	-	ogm	2	7	62	55	op.g	op.g.c	c.op.or	*		
	Birr Castle ...	1002.2	62	NE	1	0	1001.3	*	62	+9	NE	3	NE	c	*	0.3	62	51	c	c.o	c.o.c	2.5		
	Donaghadee ...	1005.1	59	NNE	2	0	1005.1	+3	59	+2	N	3	N	bc	3	1	61	56	orm	orm	omp.bc	*		
	Liverpool (Bidston)	1003.4	62	ESE	2	0	1001.5	0	65	+5	ENE	4	NE	bc	3	3	67	60	bc.o	or	bm	2.5		
	Holyhead ...	1003.3	62	ESE	3	og	1001.9	+1	62	+3	ENE	5	E	omgg	5	11	66	57	op.g.p.o	o.c.o	op.g.p.o	0.5		
	Pembroke (St. Ann's)	997.7	59	E	5	r	996.1	+2	60	+3	E	4	E	edmi	3	24	61	55	qr	egr	qr	0.0		
	Newquay ...	994.3	58	SE	1	r	992.2	+2	58	-1	SE	3	-	o	3	16	60	54	orm	or	or	0.0		
	Silly (St. Mary's)	994.1	58	N	3	orm	991.1	-2	59	+3	NE	4	NE	c	5	19	60	53	orm.t	orm	omr.p	0.0		
	Jersey (St. Aubin)	1000.8	63	SE	3	orm	997.0	*	61	0	SSE	5	SE	bc	4	15	70	59	og	ogm	gmr.bc	0.4		
	Portland Bill ...	1000.6	58	ESE	4	or	996.6	+2	60	0	SSE	6	SE	c	4	34	61	55	cp	or	or.c	*		
	Dungeness ...	1004.8	66	ESE	3	c	1001.7	+2	62	-3	E	3	N	r	3	2	71	62	bep	c	c.o.c	*		
	Dover ...	1005.5	66	NE	4	bc	1002.2	*	63	+1	SE	2	SE	omr	4	0.2	73	62	bc.b	bc.b.bc	bc.c.or	9.2		
Wick ...	1008.3	59	SE	1	bc	1010.8	+2	56	-1	SSE	1	-	fe	2	-	61	54	bc	bc	bc.fe	*			
Nairn ...	1006.5	63	-	0	bc	1009.5	*	61	+5	-	0	-	b	0	-	65	51	bc	bc	bc	4.6			
Aberdeen ...	1009.2	61	SE	3	c	1011.0	+1	60	-2	ESE	1	-	om	2	-	68	58	bc.b	bc.c	c.bc.om	9.2			
Leith ...	1007.1	61	E	1	0	1009.6	+2	61	+1	E	3	NE	c	*	Trace	69	58	c	c.op	o.c	*			
Tynemouth ...	1007.8	59	SE	4	cgpm	1008.1	0	59	+1	M	2	-	f	3	2	63	56	bc	egpm	om	4.4			
Spurn Head ...	1006.4	64	SE	4	bcm	1004.1	0	63	+3	ESE	5	-	bm	4	Trace	73	58	c	bc	bc	4.5			
Yarmouth ...	1007.9	66	E	4	bc	1003.8	0	66	+2	E	4	E	bcm	3	-	70	62	c.bc	bc	bc	9.5			
Clacton-on Sea ...	1006.1	68	ESE	4	bc	1002.0	+1	67	+4	ESE	4	-	c.z	3	-	69	63	c.bc	bc	bc.c.z	7.6			
Nottingham ...	1004.2	68	SE	3	0	1002.4	*	66	+5	E	3	E	bc	*	1	69	59	c.op	op	op	0.3			
Bath ...	1003.0	66	ESE	2	0	999.0	*	60	0	SE	2	SE	0	*	14	67	59	r.o	r	r	0.0			
London (Kew Obs.)	1003.7	67	E	1	0	1000.7	+2	64	-1	ESE	2	SE	omr	*	4	77	62	o.c.p.o	o.c.o.o	otl.omr	2.3			
ICELAND, FAEROE, &c.	Spitzbergen ...	1013.0	40	N	2	c	1015.8	0	42	+1	N	2	*	b	*	-	43	36	GALES. Duration and Extreme Force in British Islands.  RAINFALL Equivalents of Millimetres in Inches.			Millimetres	Inches.	
	Isafjord ...	1001.3	55	-	0	r	994.4	-1	55	0	SW	3	*	o	*	*	*	*						
	Reykjavik ...	1001.2	53	-	0	r	998.3	+5	50	-3	WNW	3	*	o	*	*	*							
	Vestmanna ...	1001.7	50	S	1	r	997.7	0	48	-2	WSW	1	*	r	1	*	*							
	Seydisfjord ...	1002.6	64	-	0	c	999.9	-1	51	+2	-	0	*	r	*	*	*							
	Thorshavn ...	1007.1	59	-	0	c	1008.6	+1	52	+1	W	1	*	f	*	*	*							
	NORTHERN EUROPE.	Vardö ...	1012.0	46	NNE	4	c	1014.4	0	46	0	N	6	-	c	2	-	50				45	Millimetres in Inches.	0
Bodö ...		1013.3	55	W	2	bc	1014.0	0	55	-2	ESE	2	-	bc	2	-	59	50						
Christiansund ...		1012.0	64	-	0	c	1013.6	+1	61	0	NW	1	-	f	2	1	68	59	1	0.04				
Skudesnaes ...		1012.4	64	S	1	b	?	0	64	0	-	0	-	b	0	-	68	61						
Færder (X'ania Fjord)		1011.1	68	SW	5	b	1012.3	+1	68	+2	WSW	5	-	b	3	-	68	66	2	0.08				
The Scaw (Skagen)		1013.6	73	W	1	b	1013.6	+2	68	0	SW	1	-	b	1	-	79	61						
Blaavands Huk ...		1013.1	75	-	0	m	1012.3	0	70	+2	ESE	2	-	b	2	-	73	55	3	0.12				
Haparanda ...		1007.9	70	NE	4	b	1011.7	+1	64	0	SW	4	NW	bc	*	1	70	63						
Hernösand ...		1010.1	68	-	0	r	1011.3	0	72	+2	N	2	-	b	*	5	75	61	4	0.16				
Stockholm ...		1010.0	82	SSW	2	b	1011.4	0	75	0	W	2	-	b	*	-	88	66						
CENTRAL EUROPE.	Wisby ...	1011.8	75	WSW	4	b	1012.6	0	79	+2	SW	2	-	b	*	-	81	64	5	0.20				
	Karlstad ...	1011.1	79	SW	4	b	1013.1	+1	68	-4	SW	2	-	b	*	-	82	61						
	St. Petersburg ...	1010.1	72	-	0	c	1011.4	0	70	+15	W	2	-	bc	*	-	77	55	6	0.24				
	Berlin ...	1010.6	81	SE	2	b	1010.3	0	73	+1	E	2	-	bc	*	-	86	66						
	Frankfurt ...	1009.0	75	NE	1	b	1007.1	0	64	-2	NE	2	-	b	*	-	79	55	7	0.28				
	Munich ...	1008.8	66	E	3	b	1007.1	-1	66	+7	NE	2	-	bc	*	-	72	52						
	Vienna ...	1010.1	66	WNW	1	bc	1010.0	+1	64	0	-	0	-	bc	*	-	75	61	8	0.32				
	Cuxhaven ...	1011.3	73	E	2	b	1009.7	-2	70	+6	E	3	-	b	0	-	75	64						
	The Helder ...	1009.3	68	NNE	2	bc	1006.4	-1	72	+6	ENE	3	-	b	1	-	72	64	9	0.35				
	Brussels ...	*	*	*	*	*	1003.1	-1	70	+6	SE	3	SW	c	*	-	79	61						
FRANCE.	C. Gris Nez ...	1009.6	74	ESE	3	bc	1001.7	0	66	+2	SE	3	*	r	2	1	79	64	10	0.39				
	La Hève ...	1002.3	73	SE	4	c	1000.6	*	59	-5	S	4	*	c	3	6	79	54						
	Ushant ...	999.9	59	SSW	2	c	999.3	*	57	-3	NW	4	*	c	4	39	63	54	11	0.43				
	Brest (St. Mathieu)	996.4	58	SSE	6	r	990.9	+1	59	0	WNW	4	*	c	4	62	66	57						
	Rochefort (Ile d'Aix)	1004.0	68	WSW	4	0	1002.7	0	64	-3	WSW	4	*	c	*	11	86	61	12	0.47				
	Biarritz ...	1006.9	71	WNW	2	0	1005.5	+2	61	-7	NW	3	*	r	3	29	75	61						
	Paris ...	1004.8	75	SE	2	b	1003.0	+3	64	-2	SSE	2	-	r	*	2	79	63	13	0.51				
	Belfort ...	1010.6	71	ENE	4	m	1007.8	*	68	+7	ENE	4	*	m	*	-	78	57						
	Lyons † ...	1005.9	77	E	1	b	1006.3	*	63	-1	SE	1	*	r	*	-	80	61	14	0.55				
	Nice ...	1007.7	76	-	0	h	1008.4	0	73	0	-	0	*	b	1	-	90	63						
SOUTHERN EUROPE.	Perpignan ...	1005.9	75	-	0	c	1004.0	0	72	-1	-	0	SW	0	*	-	81	66	15	0.59				
	Sanguinaire ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*						
	Corunna (7 a.m.)	1009.6	66	SSW	6	0	1008.4	0	61	-2	SW	1	-	0	4	8	72	59	16	0.63				
	Madrid (8 a.m.)	1003.0	88	W	1	bc	1007.0	+2	66	-6	W	2	NW	0	*	-	90	63						
	Lisbon (9 a.m.)	1014.3	70	WNW	4	bc	1012.2	0	66	+3	SW	2	W	0	5	-	73	63	17	0.67				
	Gibraltar ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*						
	Rome ...	1007.3	73	-	0	b	1007.9	0	68	0	-	0	-	b	*	-	84	64	18	0.71				
	Azores (Horta, 8 a.m.)	1026.9	*	NE	4	b	1026.1	0	69															





**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.

South  
Coast.  
North  
Coast.

Signals hoisted this morning.

South  
Coast.  
North  
Coast.

No  
Warnings Issued.

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

Moderate or light breezes, mainly Easterly; mostly fair, some fog or mist on coast; moderate temperature.

Moderate Easterly winds; fair intervals, some showers; moderate temperature, close; some fog on coast.

Fresh Easterly or South-Easterly winds; unsettled, rain at times; moderate temperature, close.

Same as Nos. 0 and 1.

Same as No. 2.

Same as Nos. 3 to 5.

Same as Nos. 0 and 1.

Moderate or fresh winds, mainly North-Easterly; changeable, some rain; moderate temperature.

Winds very variable both in direction and force, mainly Westerly over Bay; sea rather rough; rain at times.

Millibars

1050

1040

1030

1020

1010

1000

990

980

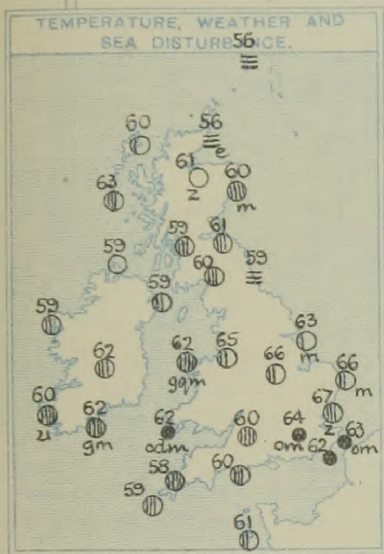
970



# SYNOPTIC CHART FOR 7 a.m., Monday, 20<sup>th</sup> JULY, 1914.

## GENERAL INFERENCE.

The depression in the south-west shows little tendency to move, and is likely to maintain an unsettled type of weather throughout the southern part of the country. In the north the conditions will be mainly anticyclonic.

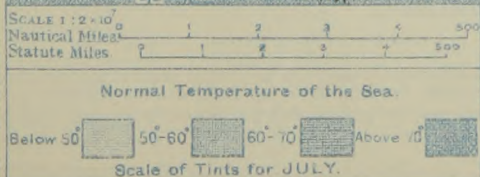


Inches.

31

30

29



## 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. High.



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
20th 7 a.m.	49	11	Zeeland	O	1003.4	+3	NNW	6-7	C	19th 6 p.m.	54	18	Pretorion	O	1005.7	0	SW	1-3	C
19th 6 p.m.	54	28	Alsation	O	1004.7	+1	W	4-5	C	"	55	14	Mongolian	H	1006.8	+1	E	1-3	b
"	47	28	Haverford	H	1021.7	-1	WNW	6-7	O	"	50	14	Lusitania	H	1007.8	-3	N	6-7	b
"	51	25	Sicilian	H	1009.5	0	WNW	4-5	O	"	55	13	Megantic	O	1006.8	+1	NNE	4-5	b
"	48	25	Caronia	H	1016.2	-1	WNW	6-7	O	"	51	13	Carmania	O	1004.7	+1	NNW	4-5	C
"	55	20	Grampian	O	1008.1	-3	SW	1-3	O	"	55	10	Columba	H	1027.0	-1	NNE	4-5	b
"	48	20	Maryland	O	1014.2	-2	W	1-3	r	"	50	13	Sambard	H	1004.4	-1	NNW	1-3	b

## 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.	° F.			Hr.			mm. & f.	° F.	° F.			Hr.
Scotland.	Oban ... ..	...	...	...	...	...	...	England, S.E.	Margate ... ..	...	71	52	bc	bc	6.3
	Stonehaven ... ..	...	66	52	bc	c	9.8		Ramsgate ... ..	...	70	55	b	b	6.5
	Carnoustie ... ..	1	65	54	*	*	5.1		Folkestone ... ..	...	72	58	c.bc	bc	8.2
	St. Andrews ... ..	...	...	...	...	...	...		Hythe ... ..	...	...	...	...	...	...
	Harrogate ... ..	2	69	50	bc	bc	10.0		Littlestone ... ..	...	*	*	*	*	8.1
Eng. N.E.	Scarborough ... ..	*	67	53	c.op	cp	1.9	Hastings ... ..	...	1	71	58	op bc	bc.b	5.2
	Skegness ... ..	1	66	57	bc	bc	3.4	Bexhill-on-Sea ... ..	...	1	69	59	b	bc.o	5.6
Eng. N.W.	Douglas (I. of M.) ... ..	2	71	55	c.bc	bc.b	4.6	Eastbourne ... ..	...	2	66	54	bc.op	b bc.p	3.7
	Morecambe ... ..	...	...	...	...	...	...	Seaford ... ..	...	...	...	...	...	...	
	Blackpool ... ..	0.3	65	56	o.c	cd	4.8	Brighton ... ..	...	1	73	61	c	c.o	5.2
	Southport ... ..	6	69	57	b.bc	bc.o	4.0	Worthing ... ..	...	1	70	61	c	c	3.8
	Malvern ... ..	5	68	57	c.bc.o	or	2.6	Littlehampton ... ..	...	1	72	61	c.bc.c	bc.cu	2.4
Mid-lands.	Buxton ... ..	...	...	...	...	...	...	Bognor ... ..	...	...	69	61	bc	bc	2.6
	Leamington Spa ... ..	2	67	55	c.op	or.o	3.0	Southsea ... ..	...	1	69	61	o	c.b.o	0.0
	Malvern ... ..	11	63	53	bc	bc.p	0.1	Ryde ... ..	...	1	69	60	c	c	2.0
Wales.	Rhyl ... ..	3	70	59	od	d	0.0	Ventnor ... ..	...	1	70	58	*	*	1.3
	Colwyn Bay ... ..	3	65	58	r.o	c.o	0.0	Bournemouth ... ..	...	4	65	58	r	or	0.0
	Llandudno ... ..	6	68	56	p	bc.p	3.2	Weymouth ... ..	...	6	64	59	o.cp	or	0.1
	Bettws-y-Coed ... ..	3	68	58	bc	r	1.0	Exmouth ... ..	...	...	...	...	...	...	
	Aberystwyth ... ..	4	67	58	o.c	op	1.3	Teignmouth ... ..	...	19	62	59	or	or	0.0
England, E.	Tenby ... ..	...	...	...	...	...	...	Torquay ... ..	...	17	62	60	od	r.o	0.0
	Cromer ... ..	0.3	66	57	bc	bc.b	8.5	Paignton ... ..	...	32	66	59	or	r	0.0
	Lowestoft ... ..	1	68	59	o.c	c.o.bc	7.1	Plymouth ... ..	...	37	61	58	or	or	0.0
	Felixstowe ... ..	1	68	59	o.c	c.o.bc	7.5	Falmouth ... ..	...	18	60	56	bc.or	org	0.1
	Walton-on-Naze ... ..	1	68	59	o.c	c.o.bc	7.5	Bude ... ..	...	14	62	56	o	or	0.0
	Southend-on-Sea ... ..	1	68	59	o.c	c.o.bc	7.1	Ilfracombe ... ..	...	19	63	58	or	or	0.0
	...	...	73	61	o.bc	bc	5.0	Weston-super-Mare ... ..	...	6	65	59	r	d	0.0

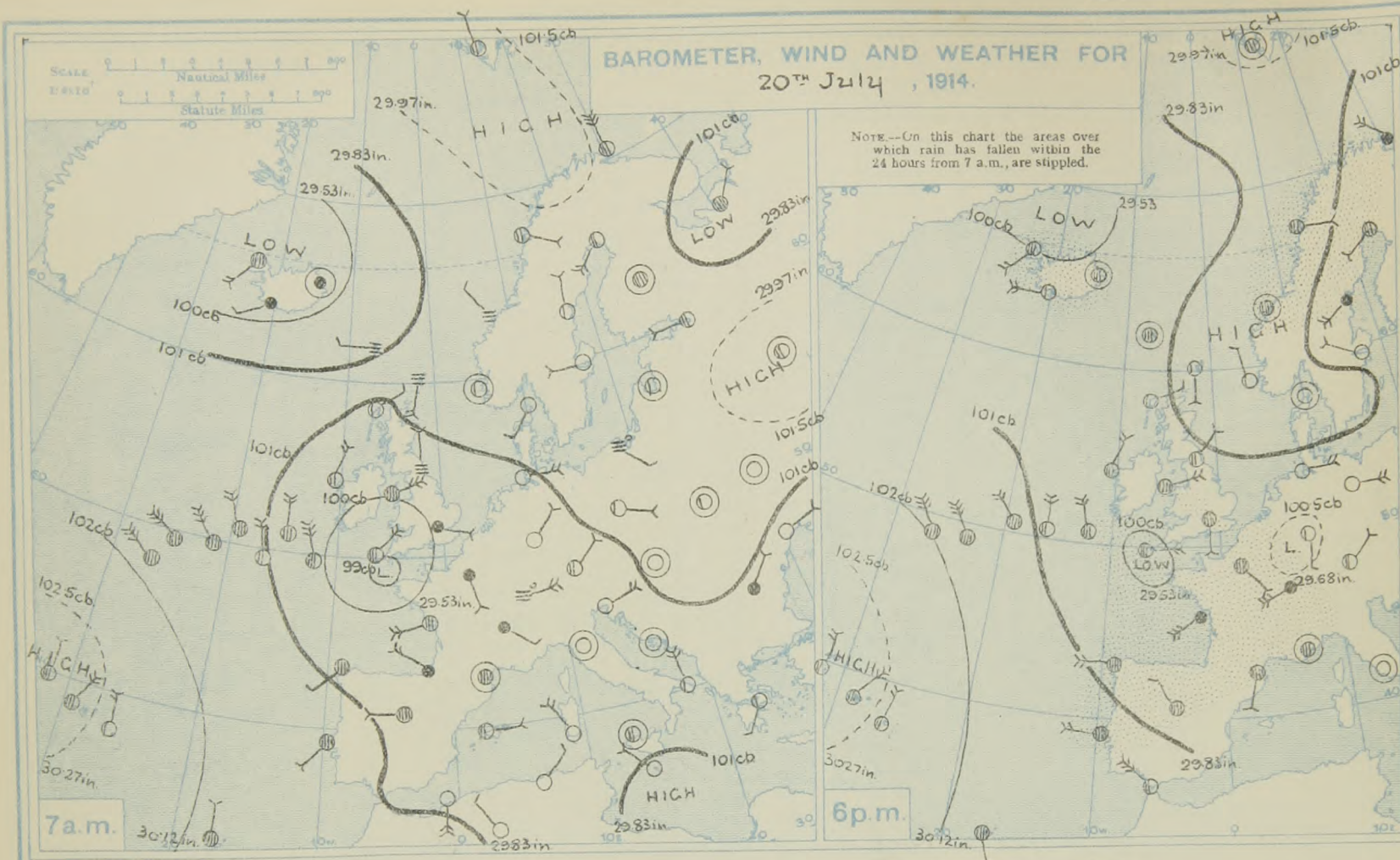


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,  
21st July, 1914.

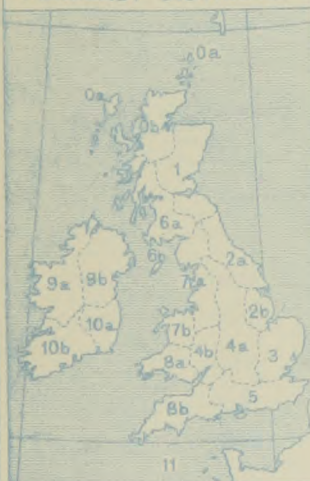
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.										
		BAROM. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.													
				Dirac.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.											
																						°F.	°F.									
BRITISH ISLANDS.	Lerwick ...	1011.6	60	S	2	bm	1008.3	-3	57	+1	S	2	-	fe	1	-	60	55	om	bm	bc om	12.5										
	Stornoway ...	1009.2	63	ENE	1	b	1009.3	0	60	0	NW	3	-	c	2	-	69	58	b	bm b	c	12.0										
	Castlebay (Barraisd.)	1008.1	69	WNW	3	bc	1010.1	0	59	-4	NW	4	-	c	4	-	73	57	c bz	bz c	bcz mc	9.7										
	Glasgow ...	1008.5	69	NE	4	b	1010.1	0	59	0	E	1	-	m	1	-	71	58	o c bz	bz	bm mc	11.6										
	Eskdalemuir ...	1007.9	68	ENE	3	b	1009.7	0	62	+2	E	2	-	b	1	-	72	56	c bz	-	0	11.4										
	Malin Head ...	1007.5	63	ENE	2	b	1009.0	+1	60	+1	NW	2	-	bc	1	-	66	56	bm	bz	bc m	5.7										
	Blackod Point ...	1006.4	66	NNE	3	c	1011.7	+3	60	+1	NNE	3	-	bcz	3	-	70	57	bz	bz	c z c bc	5.7										
	Valencia ...	1003.7	70	NNW	3	bcz	1010.1	+5	60	0	-	0	-	cm	3	Trace	73	56	c	c	am	5.7										
	Roche's Point ...	1004.1	67	ESE	3	bc	1009.9	-	58	-4	NE	1	-	o	1	-	69	56	opg	opg bc	bm	6.7										
	Birr Castle ...	1009.4	74	-	0	b	1009.7	-	60	-2	-	0	-	f	1	-	75	58	c o c	c b	q	5.1										
	Donaghadee ...	1006.4	66	NNE	2	bz	1010.2	+3	57	-2	NNE	2	-	f	2	-	68	57	cm	bz	bc m fe	1.5										
	Liverpool (Bidston)	1002.9	66	ESE	2	o	1008.4	+2	64	-1	-	0	-	m	1	9	77	62	bc m	otlv	bm	10.6										
	Holyhead ...	1004.5	66	ENE	4	opm	1009.4	+2	62	0	E	2	-	bf	1	2	71	58	o c o cm	o c p o	o c p bf	4.7										
	Pembroke (St. Ann's)	1004.2	64	SE	2	bc	1009.0	+3	63	+3	-	0	-	b	0	-	67	56	bc	bc	bc	5.1										
	Newquay ...	999.8	64	ESE	6	b	1008.0	+2	60	+2	NW	1	NW	b	2	0.3	64	53	op	bc	b	5.1										
ICELAND, FAEROE, &c.	Scilly (St. Mary's)	998.3	61	E	5	cyp	1007.5	+4	62	+3	E	2	E	bc	4	1	64	55	cyp	bc	cyp bc	12.5										
	Jersey (St. Aubin)	1001.2	66	SE	3	bc	1007.0	-	65	+4	SSE	2	S	b	2	-	68	54	bc	b c o p	op b	13.1										
	Portland Bill ...	1002.4	62	ESE	4	bc	1007.0	+3	62	+2	ESE	2	-	bc	2	-	63	59	bc	bc	bc	3.7										
	Dungeness ...	1004.8	63	E	2	o	1008.4	+1	61	-1	SSE	1	-	odg	1	0.4	68	60	r c o	o c o	bc o d	1.8										
	Dover ...	1005.2	64	S	2	o	1007.6	-	60	-3	SSW	1	-	o	1	-	69	58	op	o	op r	9.2										
	Wick ...	1010.2	59	SSE	3	b	1008.5	-1	57	+1	SSW	1	-	f	2	0.2	61	54	fe	fe bm	fe f	8.0										
	Nairn ...	1009.7	75	-	0	bz	1008.5	-	62	+1	-	0	-	bc m	1	Trace	77	55	bc	bz	bc m	0.5										
	Aberdeen ...	1010.4	61	E	1	f	1009.4	0	61	+1	-	0	W	b	2	-	67	57	om b	m f	f bm	3.8										
	Leith ...	1009.7	60	E	2	m	1010.0	0	59	+2	ESE	1	-	m	1	0.3	63	58	o	p om	m o	1.2										
	Tynemouth ...	1009.6	63	NE	2	bc	1009.9	0	59	0	NNW	3	-	f	3	-	64	59	f	bc m	f	9.2										
	Spurn Head ...	1005.8	63	E	4	bc	1007.5	0	62	-1	N	3	-	bc m	4	-	68	59	bc m	bc m	bc m	8.0										
	Yarmouth ...	1005.3	68	E	3	bc	1006.8	+1	65	-1	SW	1	SW	bc	0	-	71	61	bc m	bc m	bc	0.5										
	Clacton-on-Sea ...	1005.0	68	SSE	2	o	1006.8	+1	65	-2	W	1	W	o	0	-	69	62	c	c o	c o	3.8										
	Nottingham ...	1004.5	72	E	2	c	1008.0	-	63	-3	N	2	N	om	1	-	78	61	bc	c o p	c	6.4										
	Bath ...	1003.7	70	E	3	bc m	1008.4	-	60	0	-	0	W	b	1	-	72	52	-	bc b	bc b	1.2										
London (Kew Obs.)	1004.7	69	S	2	o	1007.4	+1	64	0	NNW	1	-	o	1	0.4	73	60	om o m o	o	o	1.2											
NORTHERN EUROPE.	Spitzbergen ...	1016.6	45	-	0	c	1014.3	+1	45	+3	NNW	4	-	o	1	-	46	39	-	-	-	-										
	Isafjord ...	1000.2	54	SW	3	c	1008.2	+4	48	-7	NE	3	-	b	1	-	48	39	-	-	-	-										
	Reykjavik ...	1003.3	52	-	0	bc	1006.0	+2	48	-2	W	2	-	o	1	-	48	39	-	-	-	-										
	Vestmanna ...	1002.0	50	W	4	b	1004.2	0	46	-2	NW	2	-	c	0	-	46	39	-	-	-	-										
	Seydisfjord ...	1000.4	61	-	0	c	1000.7	-1	48	-3	-	0	-	r	1	-	48	39	-	-	-	-										
	Thorshavn ...	1009.9	55	-	0	c	1005.7	-3	54	+2	SSW	1	-	o	1	-	48	39	-	-	-	-										
	Vardö ...	1008.4	45	NW	4	r	1008.6	0	43	-3	NW	4	-	r	4	-	48	43	-	-	-	-										
	Bodö ...	1011.3	55	E	2	c	1012.4	0	55	0	ESE	1	-	bc	1	-	57	52	-	-	-	-										
	Christiansund ...	1013.5	63	-	0	o	1012.2	-1	61	0	-	0	-	o	2	-	63	57	-	-	-	-										
	Skudesnaes ...	1013.1	70	NNW	1	b	1011.3	-1	68	+4	NE	1	-	b	2	-	72	64	-	-	-	-										
	Færder (Xania Fjord)	1010.9	70	SW	4	b	1010.6	0	72	+4	-	0	-	b	0	-	72	66	-	-	-	-										
	The Scaw (Skagen)	1012.2	84	-	0	b	1011.8	0	72	+4	SW	1	-	b	0	-	88	64	-	-	-	-										
	Blaavands Huk ...	1010.4	82	E	2	b	1010.0	0	73	+3	ESE	2	-	b	2	-	84	63	-	-	-	-										
	Haparanda ...	1007.3	68	SW	2	c	1001.6	+3	52	-12	NE	6	NW	c	1	-	75	52	-	-	-	-										
	Hernösand ...	1009.7	68	SW	4	r	1011.8	+1	66	-6	-	0	-	r	1	-	81	61	-	-	-	-										
Stockholm ...	1009.6	82	WNW	2	b	1009.9	0	75	0	WNW	2	-	b	1	-	88	54	-	-	-	-											
Wisby ...	1010.9	72	WNW	2	b	1011.5	-2	77	-2	SW	2	NW	bc	1	-	82	66	-	-	-	-											
Karlstad ...	1009.9	81	SW	4	b	1010.9	-1	72	+4	WSW	2	-	b	1	-	82	59	-	-	-	-											
St. Petersburg ...	1009.0	72	ESE	1	r	1008.7	+2	72	+2	W	1	-	b	1	-	81	63	-	-	-	-											
CENTRAL EUROPE.	Berlin ...	1008.2	81	E	4	b	1009.2	0	77	+4	SE	1	-	b	1	-	86	66	-	-	-	-										
	Frankfurt ...	1004.8	82	S	1	b	1008.0	0	68	+4	NE	2	NE	c	1	-	84	61	-	-	-	-										
	Munich ...	1005.1	72	NE	2	bc	1007.5	0	68	+2	S	1	-	b	1	-	79	57	-	-	-	-										
	Vienna ...	1011.7	68	-	0	b	1009.3	0	66	+2	ESE	1	-	b	1	-	77	61	-	-	-	-										
	Cuxhaven ...	1007.9	75	E	3	b	1008.4	0	70	0	E	2	-	b	0	-	81	66	-	-	-	-										
	The Helder ...	1005.5	75	E	1	bc	1007.9	+2	72	0	S	1	-	b	0	-	82	64	-	-	-	-										
	Brussels ...	1007.8	72	ESE	1	r	1007.8	+2	66	-4	SE	1	-	o	1	-	82	59	-	-	-	-										
	C. Gris Nez ...	1004.8	65	SSE	1	o	1007.1	+2	60	-6	SSW	1	-	o	1	-	75	59	-	-	-	-										
	La Hève ...	1004.4	60	SSE	2	o	1007.4	-	62	+3	SE	1	-	c	1	-	75	57	-	-	-	-										
	Ushant ...	?	59	?	1	c	1005.2	-	58	+1	E	2	-	bc	3	-	61	54	-	-	-	-										
	Brest (St. Mathieu)	996.7	66	SE	2	c	?	+4	58	-1	SE																					





**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. North Cone. South Cone. North Cone.

No Warnings Issued.

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

0 { a } Light or moderate Northerly or North-Westerly breezes;  
b } fair or fine, some fog near coast, showers later; moderate temperature.

1 { a } Light or moderate Northerly and North-Westerly breezes;  
b } mostly fair or fine, some passing showers later; moderate to rather warm temperature.

4 { a } Light or moderate Northerly breezes; fair or fine  
b } generally; moderate to rather warm temperature.

8 { a } Moderate or light Northerly breezes; fair or fine  
b } generally, some mist or fog near coast; rather warm inland.

Moderate North-Easterly to North-Westerly winds; moderate sea; fair generally.

Districts 3 to 10. Fair or fine weather continuing.

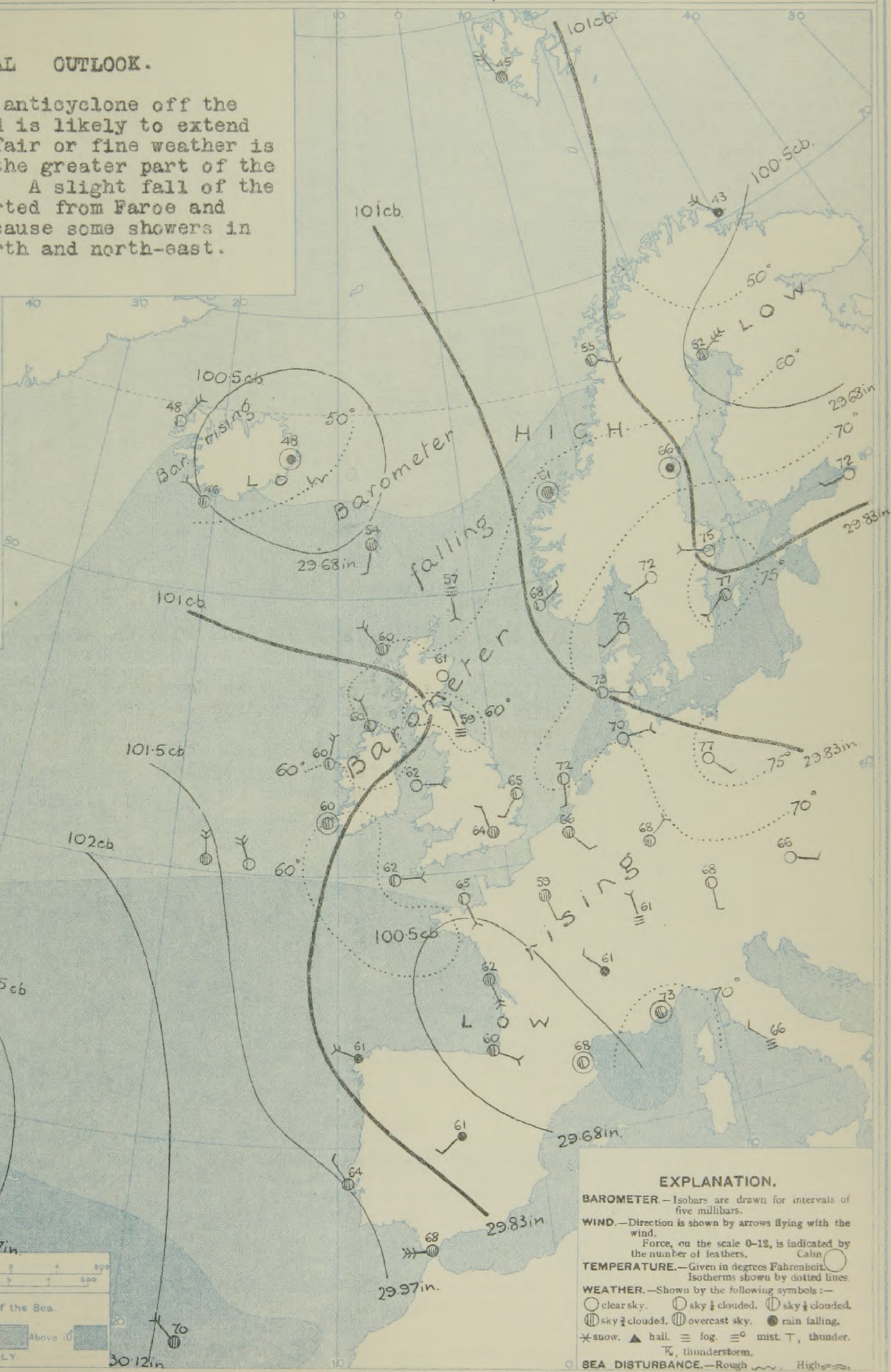
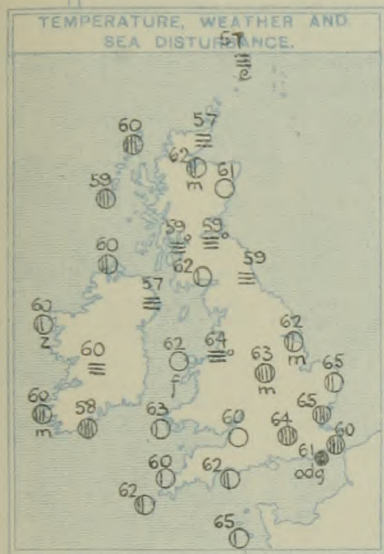
Miles  
1050  
1040  
1030  
1020  
1010  
1000  
990  
980  
970



# SYNOPTIC CHART FOR 7 a.m., Tuesday, 21<sup>st</sup> JULY, 1914.

## GENERAL OUTLOOK.

The anticyclone off the west of Ireland is likely to extend eastward, and fair or fine weather is probable over the greater part of the British Isles. A slight fall of the barometer reported from Faroe and Shetland will cause some showers in the extreme north and north-east.



## EXPLANATION.

- BAROMETER.**—Isobars are drawn for intervals of five millibars.
- WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers.
- TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.
- WEATHER.**—Shown by the following symbols :—
- clear sky.
  - ◐ sky 1/2 clouded.
  - ◑ sky 3/4 clouded.
  - ◒ sky 4/5 clouded.
  - ◓ overcast sky.
  - rain falling.
  - \* snow.
  - ▲ hail.
  - ≡ fog.
  - ≡ mist.
  - T, thunder.
  - Tk, thunderstorm.
- SEA DISTURBANCE.**—Rough, High.



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O. Outward. H. Home-ward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O. Outward. H. Home-ward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
20th 7 a.m.	50	18	Haverford	H	1018.3	+1	M	4-5	0	20th 1 p.m.	49	13	Zeeland	O	1007.8	+3	NNW	6-7	c
	50	15	Arabic	H	1013.2	0	NNW	4-5	b		50	12	Jonian	H	1004.7	-3	NNW	6-7	c
20th 6 p.m.	49	24	Carmania	O	1018.3	+3	NNW	6-7	0	" 7 a.m.	48	23	Maryland	O	1018.3	+4	NNW	6-7	0
"	49	21	Minnewaska	O	1012.2	+2	NW	6-7	0	"	49	20	Caronia	H	1011.5	-1	NNW	6-7	0
"	50	18	Monmouth	O	1011.5	+3	NW	4-5	0	"	50	19	Carmania	O	1009.8	+1	NNW	4-5	0
"	50	15	Caronia	H	1011.2	-1	M	4-5	bc	"	50	16	Monmouth	O	1008.8	+2	NNW	1-3	0
"	49	15	Zeeland	O	1011.5	+3	NNW	4-5	b	"	49	16	Minnewaska	O	1010.1	+5	NNW	4-5	bc

## 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.		
Scotland.	Oban	—	73	57	b	b	13.0	England, S.E.	Margate	—	71	64	c	c	0.8	
	Stonehaven	—	66	58	cf	cf	3.6		Ramsgate	—	69	63	b	b	1.2	
	Carnoustie	—	69	58	*	*	6.8		Folkestone	—	68	62	r.bc	r.bc	0.3	
	St. Andrews	—	62	57	*	*	0.2		Hythe	—	72	63	o	o	0.4	
	Bonff	—	73	56	b	b	11.6		Littlestone	—	*	*	*	*	0.9	
Eng. N.E.	Harrogate	—	77	54	bc.b	b.bc	8.6	England, S.E.	Hastings	—	67	61	or	abc	0.3	
	Scarborough	—	68	57	c.b	c.b	4.6		Bexhill-on-Sea	—	67	61	bc	c	1.2	
	Skegness	—	69	62	b.bc	b.c	6.3		Eastbourne	—	66	62	o	bcg	1.4	
Eng. N.W.	Douglas (I. of M.)	—	75	59	bz	bz	12.5	England, S.E.	Seaford	—	70	62	c	bc	2.6	
	Morecambe	—	79	60	b	b	10.1		Brighton	—	67	61	op.o	o.c.o	3.2	
	Blackpool	—	78	61	c	c	8.6		Worthing	—	68	62	c	bc	3.0	
	Southport	—	79	59	bc.o.c	c	7.5		Littlehampton	—	—	—	—	—	—	
Mid-lands.	Buxton	—	75	58	bc.lf	bc	4.1	England, S.W.	Bognor	—	13	67	c	bc	4.8	
	Leamington Spa	—	76	62	o	c.b.o	1.6		Southsea	—	22	67	59	c.b.bc	bc	7.7
	Malvern	—	73	59	a.c	c.bc	2.2		Ryde	—	28	67	58	bc	bc	9.5
Wales.	Rhyl	—	71	56	bc	bc	1.8	England, S.W.	Ventnor	—	25	70	57	*	*	10.5
	Colwyn Bay	—	73	61	bc.o	bc	2.8		Bournemouth	—	22	67	58	c	bc.c	10.5
	Llandudno	—	72	61	o	bc	2.4		Tunbridge Wells	—	3	68	61	op	o.c	0.1
	Bettws-y-Coed	—	75	58	r.o.c	c.b	3.2		Weymouth	—	18	68	59	bc.b	b.bcz	9.8
	Aberystwyth	—	76	59	bc	b	7.0		Exmouth	—	44	71	58	bc	bc	8.2
England, S.	Tenby	—	70	58	bc	b	8.0	England, S.W.	Teignmouth	—	25	64	58	c.bc	b	6.0
	Cromer	—	72	59	b	b	8.5		Torquay	—	24	67	58	c	bc	6.3
	Lowestoft	—	71	63	bc	bc.c	8.7		Paignton	—	5	64	57	c.bc	bc	6.6
	Felixstowe	—	71	64	bc	bc.c	4.7		Plymouth	—	8	66	57	bcg	bc	5.7
	Walton-on-Naze	—	69	64	cm.om	ogm.om	2.2		Falmouth	—	4	62	57	c.b.c	bcdg	1.5
England, S.	Southend-on-Sea	—	73	65	o.c.bc	bc.o	0.6	England, S.W.	Bude	—	5	69	56	bc.c.bc	b	12.6
		—							Ilfracombe	—	—	—	—	—	—	—
				</												



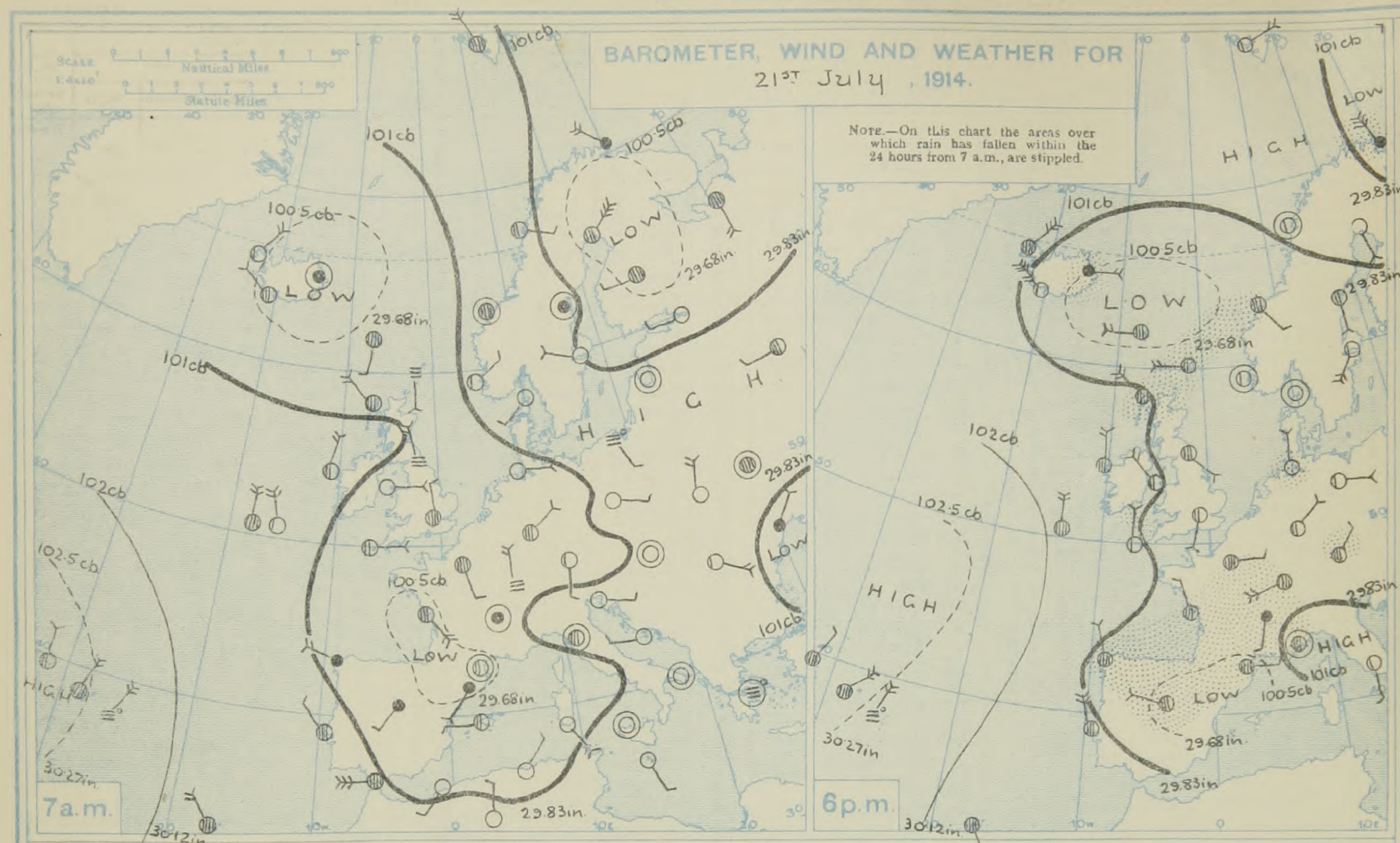
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday.

22nd July, 1914.

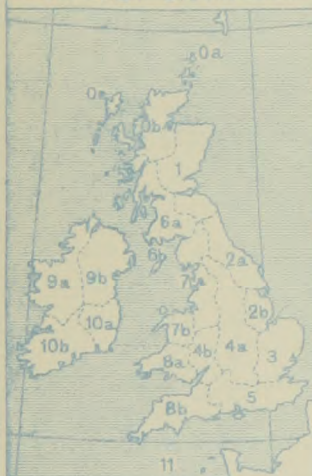
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day. Hours.
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Temp. °F.	°F.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
				Dir.	Force 0-12.						Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.			
																							Hours.	
BRITISH ISLANDS.	Lerwick ...	1006.1	59	W	3	bc	1001.9	-3	54	-3	SSW	2	SW	c	2	7	61	50	m	ml. thr	cp	*		
	Stornoway ...	1010.1	59	WNW	4	o	1005.3	-2	54	-6	NW	5	NW	bc	4	3	62	48	c.og	oc.og	o.bcp	5.1		
	Castlebay (Barra Isd.)	1011.3	58	WNW	3	o	1008.0	-2	55	-4	W	5	-	o	5	0.2	62	52	c.o	o.c.o	ogp	4.8		
	Glasgow ...	1008.0	70	WNW	4	b	1007.9	0	55	-4	W	3	NW	bc	*	-	77	51	mb.	b	b.b.c	8.9		
	Eskdalemuir ...	1007.2	74	WNW	3	b	1007.6	0	56	-6	NW	3	-	b	*	-	80	50	bc.	bcz	bcz	13.4		
	Malin Head ...	1012.1	58	NW	5	c	1010.0	-1	55	-5	N	6	NW	o	6	Trace	63	52	bc	c	cq	9.5		
	Blackod Point	1014.5	59	N	3	cu	1014.8	0	55	-5	NNW	3	N	o	3	-	64	53	bcz	bcz.cw	av.o	*		
	Valencia ...	1013.2	61	NW	5	b	1015.2	+2	57	-3	N	5	-	o	4	-	68	56	bcz	bc	c	10.4		
	Roche's Point	1010.1	67	N	2	r	1013.8	*	56	-2	N	4	-	o	3	0.2	71	56	o.c	c.ogmp	cg.bc.o	*		
	Birr Castle ...	?	72	NNW	4	b	1013.7	*	55	-5	NW	2	NW	o	*	-	79	51	o.c	cp.l	c.o	7.6		
	Donaghadee ...	1010.4	60	NNE	4	bz	1010.5	+1	56	-1	NNW	3	NW	c	3	-	66	54	f	bz	bc.c	*		
	Liverpool (Bidston)	1008.0	66	WNW	3	bc	1008.6	0	56	-3	WNW	4	NW	ogv	3	-	71	56	bcm	b	c.o	9.5		
	Holyhead ...	1010.3	64	NW	3	bcm	1011.5	0	57	-5	NNW	5	N	og	4	-	69	56	bf.b.m	b.bcm	bc.c.o	12.8		
	Pembroke (St. Ann's)	1009.8	61	WNW	2	c	1010.1	+3	56	-7	NE	3	NE	c	3	-	66	56	bc	bc	c	9.1		
	Newquay ...	1009.9	64	NNW	1	c	1008.9	+1	60	0	NNW	5	-	og	5	2	67	59	b	b.b.c	cp.o	10.7		
	Scilly (St. Mary's)	1010.4	66	N	2	b	1009.0	-1	59	-3	NNE	4	N	cm	4	-	69	58	b	b	am.fom	14.2		
	Jersey (St. Aubin)	1008.7	70	NW	3	b	1008.1	*	63	-2	W	2	-	b	1	-	73	58	b	bc.b	b	13.1		
	Portland Bill ...	1008.9	63	W	1	c	1007.7	0	62	0	NW	2	-	bc	1	-	66	60	bc.c	c	b.b.c	*		
	Dungeness ...	1009.3	64	SSE	1	bc	1007.0	-1	60	-1	SW	1	SW	c	1	0.4	65	55	cod	bc	bcw	*		
	Dover ...	1008.9	65	S	1	b	1007.0	*	64	+4	W	1	W	bc	2	-	69	55	o	o.c.b.c	b.b.c.c	4.1		
	Wick ...	1008.5	60	NW	3	bc	1004.7	-1	56	-1	WNW	3	-	bc	3	Trace	64	49	f.b.c	bc	am.b.c	*		
	Nairn ...	1008.5	63	E	1	cu	1005.5	*	54	-8	W	3	-	bc	2	2	74	50	f.b.c	p.c	cg.bc	4.0		
	Aberdeen ...	1008.2	62	N	2	o	1005.6	-1	55	-6	WNW	1	W	c	2	10	77	53	bm.b	c.outr	c.op.c	8.0		
	Leith ...	1007.1	76	W	3	b	1006.7	0	58	-1	W	3	W	b	*	-	81	54	am.bcz	bz	bc.b	*		
	Tynemouth ...	1006.7	62	SE	2	cm	1006.4	0	55	-4	NNW	4	NW	c	3	-	68	55	f	f	bcm	2.6		
	Spurn Head ...	1008.6	63	NNE	2	b	1006.0	0	63	+1	NW	4	-	fe	3	Trace	68	57	f	bm	bcm	9.4		
	Yarmouth ...	1008.7	69	S	3	bc	1008.1	-4	66	+1	SW	1	SW	bc	1	-	73	62	bc	bc	bc	11.7		
	Clacton-on-Sea	1008.1	67	SSE	3	bc	1006.4	-2	65	0	WSW	1	W	bc	0	-	72	60	o.c.b.c	bc.b.c	bcw	4.8		
	Nottingham ...	1007.0	78	S	1	b	1006.4	*	62	-1	W	2	W	ot	*	-	81	60	om.c	bm	bcm	8.2		
	Bath ...	1008.8	71	NW	3	bc	1007.4	*	64	+4	-	0	SE	o	*	-	73	60	c.b.c	bc	o	2.7		
	London (Kew Obsy.)	1008.3	72	SSW	2	o	1007.4	0	63	-1	SW	1	SW	bcm	*	-	75	57	o.c	c.o	o.c.bcm	1.5		
ICELAND, FAEROE, &c.	Spitzbergen ...	1012.3	52	ENE	3	b	1013.3	+1	44	-1	N	2	*	o	*	-	54	44	*	*	*	*		
	Isafjord ...	1014.1	46	NE	5	o	1020.3	+1	44	-4	-	0	*	f	*	-	*	*	*	*	*	*		
	Reykjavik ...	1011.4	54	NNW	3	b	1017.0	0	52	+4	NNE	3	*	b	*	-	*	*	*	*	*	*		
	Vestmanna ...	1006.1	53	NW	9	b	1013.5	+1	51	+5	N	7	*	b	*	-	*	*	*	*	*	*		
	Seydisfjord ...	1005.0	49	E	3	r	1011.0	0	55	+7	N	4	*	c	*	-	*	*	*	*	*	*		
	Thorshavn ...	1004.4	56	W	3	c	1001.7	-1	50	-4	W	1	*	bc	*	-	*	*	*	*	*	*		
NORTHERN EUROPE.	Vardö ...	1005.1	43	NNW	6	r	1006.0	+2	45	+2	NE	4	-	c	2	-	43	39	*	*	*	*		
	Bodö ...	1011.3	57	-	0	o	1007.1	-3	59	+4	-	0	-	b	1	-	59	48	*	*	*	*		
	Christiansund	1007.7	66	SE	1	c	1002.4	-2	64	+3	NE	3	SW	b	2	Trace	68	61	*	*	*	*		
	Skudesnaes ...	1008.3	72	-	0	b	1003.1	-1	66	-2	SW	1	-	o	1	-	77	61	*	*	*	*		
	Færder (X'ania Fjord)	1007.7	72	SW	2	b	1004.4	-2	73	+1	S	3	-	bc	1	-	75	70	*	*	*	*		
	The Scau (Skagen)	1008.7	86	-	0	b	1005.2	-1	73	+1	SSW	1	S	bc	1	-	90	70	*	*	*	*		
	Blaavands Huk	1008.3	75	S	1	b	1006.3	-1	70	-3	WSW	1	NW	m	1	-	84	64	*	*	*	*		
	Haparanda ...	1011.4	66	SE	2	b	1008.4	-1	61	+9	S	2	N	c	*	-	72	52	*	*	*	*		
	Hernösand ...	1009.6	68	-	2	bc	1007.0	-1	70	+4	SE	4	S	c	*	-	70	61	*	*	*	*		
	Stockholm ...	1009.2	75	E	4	b	1007.0	-1	79	+4	SSW	2	-	b	*	-	84	66	*	*	*	*		
CENTRAL EUROPE.	Wisby ...	1009.1	79	SW	4	b	1007.5	0	81	+4	SSW	2	-	bc	*	-	82	68	*	*	*	*		
	Karlstad ...	1007.7	82	WSW	2	b	1006.3	-3	75	+3	SSW	2	-	b	*	-	86	57	*	*	*	*		
	St. Petersburg	1007.3	68	ENE	2	bc	1010.7	+3	61	-11	ENE	1	-	c	*	-	79	59	*	*	*	*		
	Berlin ...	1007.5	84	E	2	b	1006.4	-1	77	0	E	1	-	b	*	-	90	68	*	*	*	*		
	Frankfurt ...	1007.0	79	NE	2	bc	1007.3	+1	68	0	-	0	SW	m	*	-	86	63	*	*	*	*		
	Munich ...	1006.6	73	NE	1	c	1007.4	0	72	+4	S	1	W	b	*	Trace	82	61	*	*	*	*		
FRANCE.	Vienna ...	1007.9	72	SE	1	bc	1008.3	0	66	0	-	0	W	c	*	-	81	64	*	*	*	*		
	Cuxhaven ...	1007.8	73	N	2	b	1005.7	-2	72	+2	E	1	-	b	0	7	82	68	*	*	*	*		
	The Helder ...	1008.7	73	NW	1	b	1006.6	-1	68	-4	WNW	1	-	o	0	-	77	64	*	*	*	*		
	Brussels ...	*	*	*	*	*	1005.7	-2	66	0	SE	3	-	o	*	Trace	81	61	*	*	*	*		
	C. Gris Nez ...	1008.4	68	SSW	1	bc	1007.0	-1	64	+4	SW	2	-	c	1	-	68	59	*	*	*	*		
	La Hève ...	1009.1	64	E	2	b	1007.9	*	63	+1	-	0	-	o	0	-	75	61	*	*	*	*		
	Ushant ...	1010.4	60	N	2	bc	1010.4	*	61	+3	NW	3	-	o	3	-	64	57	*	*	*	*		
	Brest (St. Mathieu)	1010.6	72	SW	1	b	1011.3	0	61	+3	NW	3	-	o	2	-	79	58	*	*	*	*		
	Rochefort (Ile d'Aix)	1007.4	68	NNW	1	c	1009.2	0	63	+1	NNW	2	-	o	1	-	77	59	*	*	*	*		
	Biarritz ...	1006.1	64	SE	2	c	1010.1	+2	61	+1	WSW	3	-	r	4	43	73	59	*	*	*	*		
SOUTHERN EUROPE.	Paris ...	1008.4	68	E	1	o	1006.7	0	64	+5	NNW	1	-	r	*	2	72</							





**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 } Moderate or fresh North-Westerly breezes; mostly fair, some showers; moderate temperature.  
b }

1 { Moderate North-Westerly winds; fair or fine; rather warm inland.  
2 { a }  
b }

3 { Variable breezes, becoming North-Westerly later; fair or fine, but some local thunderstorms probable to-day; warm at first, becoming cooler.  
4 { a }  
b }

5 { Same as Nos. 1 and 2.  
6 { a }  
b }

7 { Light to moderate or fresh Northerly and North-Westerly winds; fair or fine generally; temperature moderate.  
8 { a }  
b }

9 { Moderate or fresh Northerly winds; fair generally; moderate to slight sea; moderate temperature.  
10 { a }  
b }

**FURTHER OUTLOOK.**

Districts 1 to 10. Continuing fair.

Millibars  
1050  
1040  
1030  
1020  
1010  
1000  
990  
980  
970

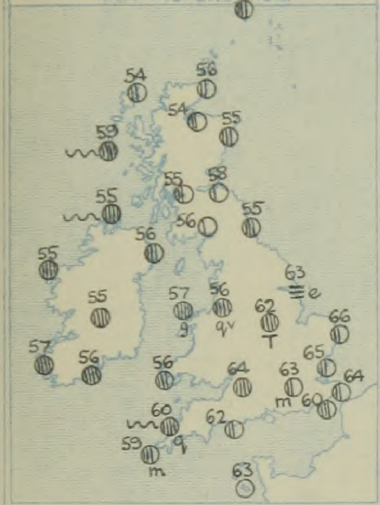


# SYNOPTIC CHART FOR 7 a.m., Wednesday, 22<sup>nd</sup> JULY, 1914.

## GENERAL REMARKS.

The western anticyclone will maintain its influence over the western part of the country and extend further to the eastward, while a depression centred to the north of Scotland will pass away to Scandinavia. Local thunderstorms may be expected in the south-eastern part of the country as the North-Westerly current associated with the anticyclone establishes itself.

## TEMPERATURE, WEATHER AND SEA DISTURBANCE.



Inches  
31

fair  
at

29

SCALE 1:250,000  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea

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

**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 ~~~~~.



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
22nd 7am	51	10	Haverford	H	1015.9	-3	N	6-7	0						mb.	‡		(0-12).	
2nd 6pm	50	14	Haverford	H	1020.0	+1	N	4-5	0										
"	51	10	Arabic	H	1010.8	-3	N	4-5	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.	
Scotland.	Oban	—	68	57	b. bc	b	9.8	Tunbridge Wells	—	min. §	° F.	° F.	o. c. bc	bc. b	Hr.
	Stonehaven	3	68	56	cf	tp. cz	5.7	Margate	—	72	72	61	c	bc	4.1
	Carnoustie	0.3	73	57	*	*	7.3	Ramsgate	—	70	59	59	b	b	4.7
	St. Andrews	—	82	57	*	*	7.2	Folkestone	—	64	60	60	o. bc	bc. b	1.9
	Barry	6	75	58	b	bc. ot	7.2	Hythe	—	68	59	59	o	o. bc	1.0
Eng. N.E.	Harrogate	—	79	59	bc. b	bc. c	6.3	Littlestone	—	*	*	*	*	*	1.3
	Scarborough	*	68	60	c	bc. f	6.9	Hastings	—	66	59	59	op. o	o. bc	1.5
	Skegness	—	70	58	bc. b	b	9.6	Bexhill-on-Sea	—	67	60	60	bc	c	1.4
Eng. N.W.	Douglas (I. of M.)	—	76	63	bz	bz	12.0	Eastbourne	—	66	59	59	o. b	b	1.0
	Morecambe	—	79	62	b	b	12.5	Seaford	0.3	70	59	59	o	o	0.3
	Blackpool	—	73	60	m	bc	13.5	Brighton	—	66	60	60	o	o	0.0
	Southport	—	72	59	b. bc	b. bc. b	11.5	Worthing	—	69	59	59	o	o	0.0
Mid-lands.	Buxton	—	79	60	b	b	12.3	Littlehampton	2	72	58	58	o	o	0.0
	Leamington Spa	0.3	75	58	orm	orm	1.8	Bognor	—	69	59	59	c	c	0.0
	Malvern	—	73	58	c. bc	bc. c	1.1	Southsea	—	72	61	61	c. bc	bc. c. b	0.4
Wales.	Rhyl	1	71	57	b	b	11.0	Ryde	—	71	61	61	bc	bc	1.3
	Colwyn Bay	—	75	60	bc	bc	12.5	Ventnor	—	70	60	60	*	*	0.5
	Llandudno	0.3	75	61	b	b	12.0	Bournemouth	—	70	56	56	o	o	0.0
	Bettws-y-Coed	—	67	58	o. c	c. bc	6.5	Penzance	—	74	56	56	b	bc	10.3
	Aberystwyth	—	76	51	b. bc	b	8.2	Weymouth	—	72	58	58	f	bc	1.2
England, E.	Tenby	—	76	51	b. bc	b	8.2	Exmouth	—	67	55	55	bc	bc. b	4.8
	Cromer	—	83	60	c. bc. b	b	9.0	Teignmouth	—	73	56	56	b. bc. c	c	4.5
	Lowestoft	—	70	61	bc	bc	10.0	Torquay	—	72	56	56	b	bc. c	3.8
	Felixstowe	—	72	62	bc	bc	9.8	Paignton	—	70	57	57	b	bc. c	4.2
	Walton-on-Naze	—	72	62	c. bc. b	bc. c	7.0	Plymouth	—	69	55	55	c. b	c. b	5.5
England, E.	Southend-on-Sea	—	74	63	o. bc	o. bc	2.7	Falmouth	—	71	55	55	bc. b	c. o	9.1
		—	72	62	c. bc. b	bc. c	7.0	Bude	—	70	50	50	b	b. bc. c	10.0
		—	74	63	o. bc	o. bc	2.7	Ilfracombe	—	68	55	55	b. bc	bc. c	8.0
		—	74	63	o. bc	o. bc	2.7	Weston-super-Mare	—	70	54	54	bc. o	c. bc	2.2

## LONDON OBSERVATIONS.

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 Obs.) ...	%	%	Hr.	° F.	° F.	° F.	mm.‡						mm.‡	° F.	° F.	° F.				Hr.
City (Bunhill Row) ...	61	61	1.4	76	55	4.6	—	c	c	c. bc	Dublin to 4 p.m.	Trace	74	58	58	m. o	o. c. b	b	*	
Westminster (St. James's Pk.)	*	*	1.4	*	*	*	*	*	*	*	Darwen to 9 p.m.	—	54	63	*	c. bc. b	b. bc	bc	6.3	
Camden Sq. (Brit. Rainfall)	61	75	1.2	74	57	54	—	bc. o	o	bc	Manchester	—	77	57	50	*	o	c. bc. o	1.7	
Hampstead (Reservoir) ...	58	79	1.6	79	57	53	—	c. c	c. o	*	Birmingham	5	77	57	50	*	o	c. bc. o	1.7	
Richmond Park ...	*	76	1.8	73	58	53	—	c	bc	bc	Oxford to 8 p.m.	*	73	59	56	c. o	o. c	o. c	*	
Kew. (See front page.)	*	*	1.3	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																
				Total.		Average Rate.		Max. Rate.												
S. Kensington (Roof of M.O.)				932.6 Joules		16.3 Milliwatts.		74.5 Milliwatts.												
				S. Kensington (Museum Grounds to 6 p.m.)																
				—		76		63		57		0.0m		o. c		c		*		

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

22nd & 23rd July 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 3.58 4.0	G.M.T. 11.59 11.59	G.M.T. 8.0 7.58
Greenwich	4.10 4.12	12.6 12.6	8.2 8.0
Wick	3.43 3.45	12.18 12.18	8.53 8.51
Valencia	4.48 4.50	12.47 12.47	8.46 8.44

## NOTES ON YESTERDAY'S WEATHER.

Fair weather prevailed over the greater part of the country, but slight rain was experienced at some of the Scottish stations and also locally in the south of England. There was much cloud in the south-east of the country, but over 12 hours of sunshine were experienced in parts of Lancashire and Wales and also at Scilly and Jersey. Temperature reached 81° at Nottingham and Leith; and 90° at Berlin.

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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23rd July, 1914.

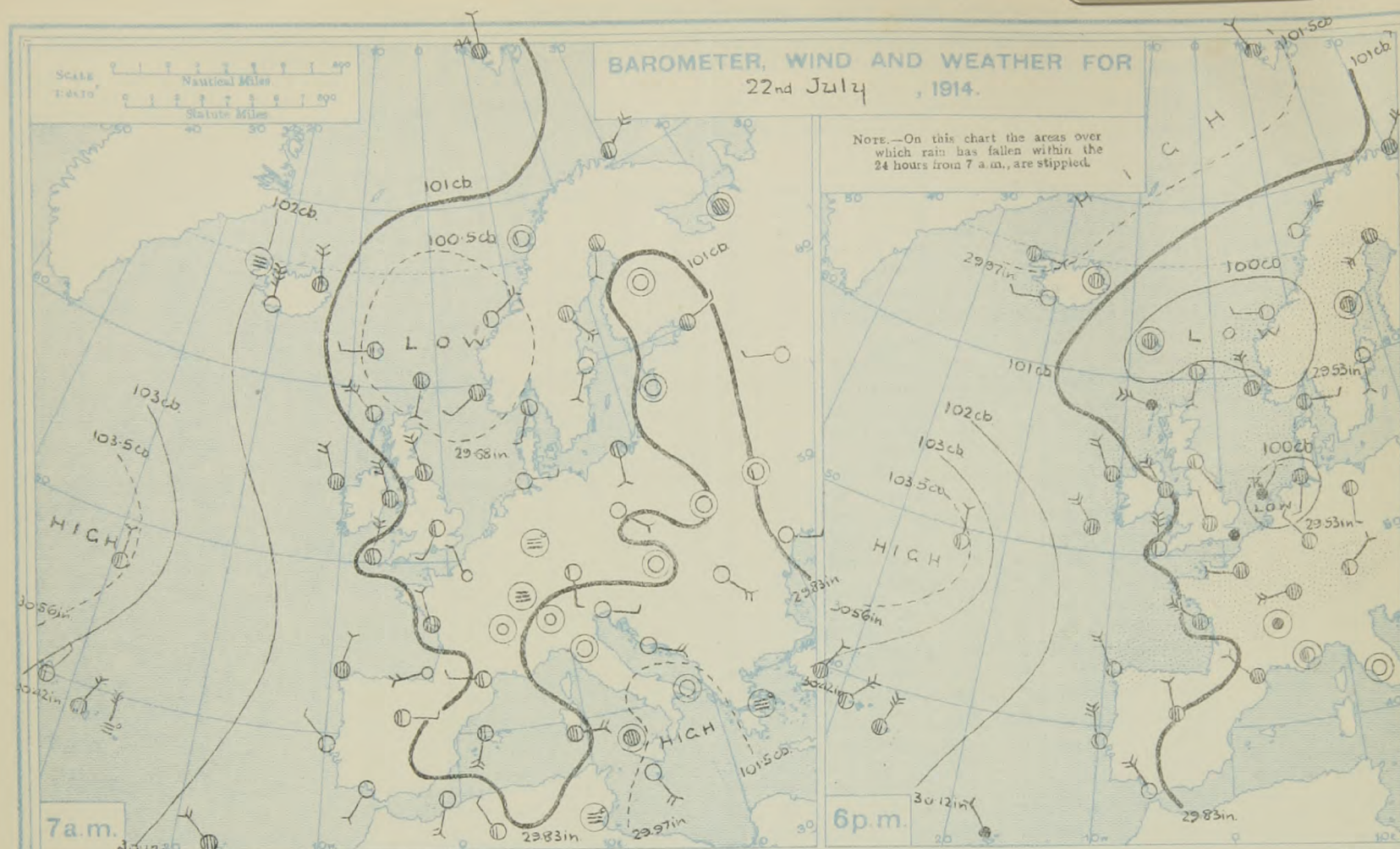
‡ The barometric change is expressed in half-millibars.

Millibars.	Inches of Mercury at 32° F. in Lat. 45.
1000	29.92
1001	30.00
1002	30.08
1003	30.16
1004	30.24
1005	30.32
1006	30.40
1007	30.48
1008	30.56
1009	30.64
1010	30.72
1011	30.80
1012	30.88
1013	30.96
1014	31.04
1015	31.12
1016	31.20
1017	31.28
1018	31.36
1019	31.44
1020	31.52
1021	31.60
1022	31.68
1023	31.76
1024	31.84
1025	31.92
1026	32.00
1027	32.08
1028	32.16
1029	32.24
1030	32.32
1031	32.40
1032	32.48
1033	32.56
1034	32.64
1035	32.72
1036	32.80
1037	32.88
1038	32.96
1039	33.04
1040	33.12
1041	33.20
1042	33.28
1043	33.36
1044	33.44
1045	33.52
1046	33.60
1047	33.68
1048	33.76
1049	33.84
1050	33.92
1051	34.00
1052	34.08
1053	34.16
1054	34.24
1055	34.32
1056	34.40
1057	34.48
1058	34.56
1059	34.64
1060	34.72
1061	34.80
1062	34.88
1063	34.96
1064	35.04
1065	35.12
1066	35.20
1067	35.28
1068	35.36
1069	35.44
1070	35.52
1071	35.60
1072	35.68
1073	35.76
1074	35.84
1075	35.92
1076	36.00
1077	36.08
1078	36.16
1079	36.24
1080	36.32
1081	36.40
1082	36.48
1083	36.56
1084	36.64
1085	36.72
1086	36.80
1087	36.88
1088	36.96
1089	37.04
1090	37.12
1091	37.20
1092	37.28
1093	37.36
1094	37.44
1095	37.52
1096	37.60
1097	37.68
1098	37.76
1099	37.84
1100	37.92
1101	38.00
1102	38.08
1103	38.16
1104	38.24
1105	38.32
1106	38.40
1107	38.48
1108	38.56
1109	38.64
1110	38.72
1111	38.80
1112	38.88
1113	38.96
1114	39.04
1115	39.12
1116	39.20
1117	39.28
1118	39.36
1119	39.44
1120	39.52
1121	39.60
1122	39.68
1123	39.76
1124	39.84
1125	39.92
1126	40.00
1127	40.08
1128	40.16
1129	40.24
1130	40.32
1131	40.40
1132	40.48
1133	40.56
1134	40.64
1135	40.72
1136	40.80
1137	40.88
1138	40.96
1139	41.04
1140	41.12
1141	41.20
1142	41.28
1143	41.36
1144	41.44
1145	41.52
1146	41.60
1147	41.68
1148	41.76
1149	41.84
1150	41.92
1151	42.00
1152	42.08
1153	42.16
1154	42.24
1155	42.32
1156	42.40
1157	42.48
1158	42.56
1159	42.64
1160	42.72
1161	42.80
1162	42.88
1163	42.96
1164	43.04
1165	43.12
1166	43.20
1167	43.28

1,000 millibars are equivalent  
to  $14\frac{1}{2}$  lbs. per square inch  
(in Lat. 45).

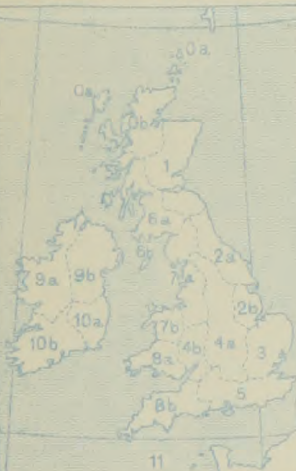
100 millibars to one pound  
and a half per square inch.





**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.

No

**Warnings Issued.**

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

Wind North-Westerly, light to fresh, stronger locally at times; variable sky, some showers; temperature low.

North-Westerly winds, light to fresh; variable sky, some passing showers; temperature low.

Same as Nos. 0 to 2.

Same as Nos. 3 to 5.

Same as Nos. 0 to 2.

Same as Nos. 3 to 5.

North-Westerly winds, light to fresh; sea moderate; changeable, some showers.

Millibars

1050

1040

1030

1020

1010

1000

990

980

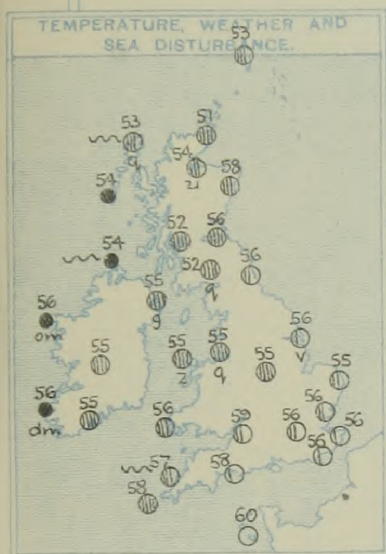
970



# SYNOPTIC CHART FOR 7 a.m., Thursday, 23<sup>RD</sup> JULY, 1914.

## GENERAL INFERENCE.

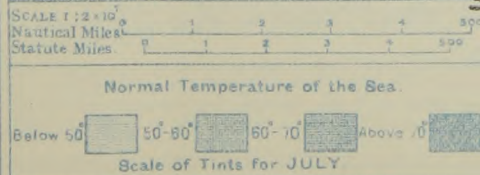
The depression centred near Shetland and smaller secondaries which are likely to pass in a south-easterly direction over the United Kingdom will cause the general condition of the weather to remain unstable.



Inches.  
31

30

29



HIGH

## 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 ~~~~.



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
22nd 6 p.m.	49	22	Cedric	H	1035.9	-1	N	1-3	bc						mb.	†		(0-12).	
" "	51	11	Franconia	O	1019.3	+2	NW	4-5	o						mb.	†		(0-12).	
" 7 p.m.	47	28	Cedric	H	1027.9	-1	N	1-3	c						mb.	†		(0-12).	

## 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.	
Scotland.	Oban	mm. †	° F.	° F.			Hr.	England, S.E.	Tunbridge Wells	mm. †	° F.	° F.			Hr.
	Stonehaven	2	66	50	cp. o	bc	2.5		Margate	3	76	53	b. b. bc	c. or	4.7
	Carnoustie	1	69	53	*	*	7.0		Ramsgate	29	75	57	r	r	1.4
	St. Andrews	1	66	54	*	*	5.5		Folkestone	8	67	59	r. bc. r	cl. or	0.1
	Harrogate	0.3	61	52	bcw	bc	10.1		Hythe	3	70	54	o	or	0.0
Eng. N.E.	Scarborough	2	64	53	b. bc	bc. b	6.6	England, S.W.	Littlestone	*	*	*	*	*	0.0
	Skegness	5	62	53	m. ed	r. o. bc	0.9		Hastings	8	65	51	o	or	0.1
	Douglas (I. of M.)	-	60	53	bq	bcq	9.0		Bexhill-on-Sea	13	65	56	or. bc	bc. or	0.3
Eng. N.W.	Morecambe	-	65	57	bc	bc	5.5	England, S.W.	Eastbourne	5	66	55	o. bc. o	or	0.6
	Blackpool	-	63	56	c	bc	9.3		Seaford	3	67	53	bc. o	o. or	2.2
	Southport	-	62	57	b. bc	b. bc	8.6		Brighton	2	71	55	c. bc. c	or	3.5
Mid-lands.	Buxton	-	60	51	bc	bc	2.9	England, S.W.	Worthing	1	72	55	b. bc	bc. or	5.3
	Leamington Spa	1	63	59	or. o	o. c. b	2.0		Littlehampton	1	70	55	bc. b	bc. r. cu	3.4
	Malvern	1	62	57	cp	bc	2.0		Bognor	3	71	54	cp	bc. p	5.3
Wales.	Rhyl	-	65	56	bc	bc	7.0	England, S.W.	Southsea	3	69	57	b. bc	c. or	5.3
	Colwyn Bay	-	61	56	bc	bc	3.7		Ryde	2	67	57	*	*	5.3
	Llandudno	-	66	56	o	bc	3.3		Ventnor	4	70	54	*	*	5.3
	Bettws-y-Coed	-	66	55	c	bc	3.8		Bournemouth	4	65	54	or	c	0.5
	Aberystwyth	-	61	57	o. c. o	c. b. o	5.3		Weymouth	2	68	58	r. o	bc	4.4
England, E.	Tenby	-	69	57	bc	bc	5.5	England, S.W.	Exmouth	-	70	61	bc	bc	4.0
	Cromer	3	74	53	bc. o	o. c. r. o	3.7		Teignmouth	-	66	62	c. o. c	bc. b	4.0
	Lowestoft	1	78	55	bc. c. o	or	5.5		Torquay	-	66	61	o	c. bc	3.5
	Felixstowe	1	74	56	bc. c	or	4.3		Paignton	-	65	60	o. c. bq	bcq	4.2
	Walton-on-Naze	3	70	56	bc. ot	op. ogr	2.8		Plymouth	1	63	59	o. c. q	cg. bq	5.6
England, E.	Southend-on-Sea	6	75	56	bc. o	or	3.5		Falmouth	7	62	58	o	bc. c	4.5
									Bude	3	62	58	o. c	c. bc	3.5
									Ilfracombe	1	65	61	om. r	bc. b. bc	2.3

## 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.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
	%	%	Hr.	° F.	° F.	° F.	mm. §			
Greenwich (Royal Obsy.) ...	85	70	4.6	75	51	45	4	c. bc	c. or.	c
City (Bunhill Row) ...	*	*	4.2	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	70	88	4.0	71	51	49	3	o. c	o	bc
Camden Sq. (Brit. Rainfall)	67	68	1.9	73	51	47	2	bc	o. or. o	*
Hampstead (Reservoir) ...	*	*								
Richmond Park ...	*	*	3.3							
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.)	72	73	4.1	830.5 Joules		14.5 Milliwatts.		53.5 Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	Sun- shine for Yester- day.
		In Screen.	Min. on Grass.					
		Max.	Min.					
Dublin to 4 p.m.	0.3	64	56	56	cl. o	o. c	c. b	*
Darwen to 9 p.m.								
Manchester	-	64	57	*	bc. bc	bc. c	c. bc	3.4
Birmingham	*	69	56	53	cm. b. fo	or	r. ab. ch	*
Oxford to 8 p.m.								
S. Kensington (Museum Grounds to 6 p.m.)	3	72	55	50	c. bcq	c. o	o. or. o	*

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

	23rd & 24th July 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.0	11.59	7.58	4.2
Greenwich	4.12	12.6	8.0	4.13
Wick	3.45	12.18	8.51	3.47
Valencia	4.50	12.47	8.44	4.52

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to a maximum above 75° at some stations in the extreme east and south-east of England, but remained below 70° in the west and north; below 65° at many stations. Thunderstorms occurred locally in the south-east, and heavy rain fell in some parts of Kent; 21 millimetres (0.83 in.) at Dover. In several other parts of the Kingdom smaller amounts of rain were experienced. Except in some parts of the extreme north-west and west there was little bright 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.

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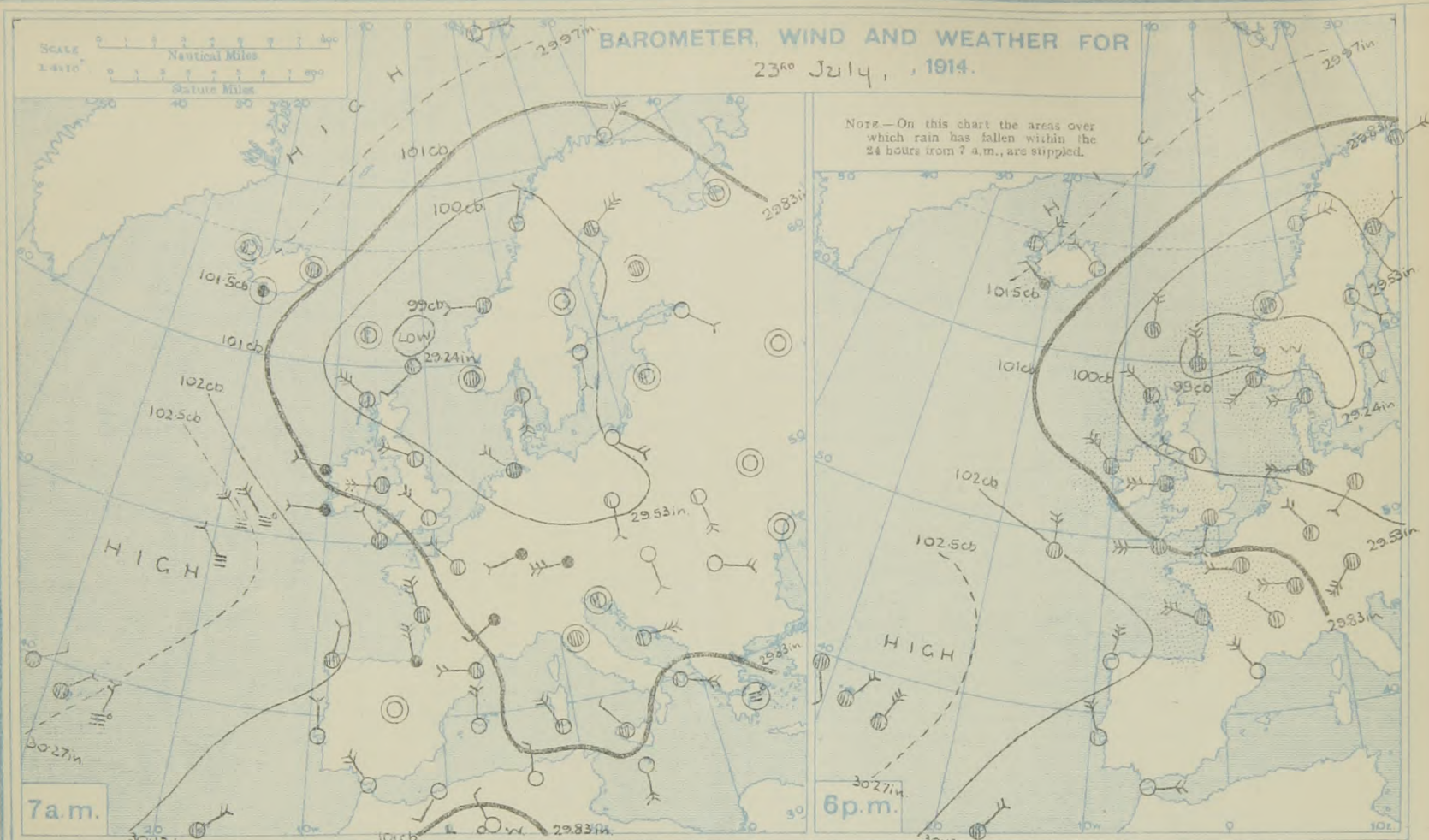


## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,  
24th July 1914.

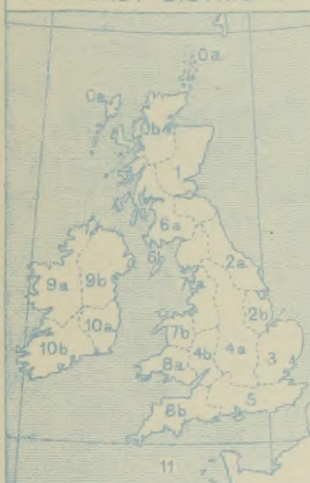
DAILY WEATHER.										THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.										Sun- shine for Yester- day. Hours.
STATIONS.	YESTERDAY EVENING.					BAROMETER.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea (0-9).	Rain- fall. Milli- metres.	TEMP.		WEATHER.												
	Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours °F.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.										
			Dir.	Force 0-12.																										
																							Hours.							
BRITISH ISLANDS.	Lerwick ...	998.0	53	N	4	o	996.5	-2	51	-2	NW	3	NW	c	3	7	57	49	cw	cr. o	cr. cp	*								
	Stornoway ...	997.5	55	NW	4	c	998.3	0	49	-4	NW	6	-	ogp	5	7	56	47	c-odp	cp	c.ogp	1.7								
	Castlebay (Barra Isd.)	1000.9	54	WNW	4	op	1002.4	0	53	-1	WNW	4	-	o	4	Trace	58	50	rdpbc	bc op	op. o	2.0								
	Glasgow ...	999.3	56	W	4	o	1000.3	+1	51	-1	W	4	NW	c	*	59	49	o	op. o. c. o	c.og. cp	2.0									
	Esksdalemuir ...	999.5	55	W	2	o	1001.0	+1	49	-3	W	5	NW	cq	*	1	55	48	og. o	opq	og	0.1								
	Malin Head ...	1003.2	55	NW	5	c	1004.5	0	54	0	NW	8	-	r	6	2	57	50	cmqj	cmqj	omq. r	2.1								
	Blacksod Point	1008.3	57	NW	5	cmp	1010.5	0	56	0	NW	4	NW	cm	4	2	61	52	cmp	cmp	cmp	*								
	Valencia ...	1012.5	57	W	5	om	1013.9	0	56	0	WNW	4	-	o	5	1	60	55	omv	om	om	0.2								
	Roche's Point	1009.3	60	NW	6	o	1012.6	*	56	+1	NW	4	-	o	3	-	65	55	og	c.og	o. c. om	*								
	Birr Castle ...	1007.3	58	WNW	3	o	1009.9	*	54	-1	WNW	3	NW	o	*	17	65	53	or. c	cg. op	op	2.6								
	Donaghadee ...	1002.3	57	NW	4	c	1005.1	+2	54	-1	WNW	4	NW	c	3	1	59	51	cgm	cp	cg. c	*								
	Liverpool (Bidston)	1001.5	60	W	6	o	1003.7	+2	56	+1	W	5	W	og	5	1	61	54	og	op	og	0.1								
	Holyhead ...	1004.5	59	W	5	og	1007.5	+1	56	+1	WNW	5	NW	ogq	4	2	63	54	opdf	fd. r. c. o	o. ed. c. o	1.6								
	Pembroke (St. Ann's)	1006.9	60	WNW	5	c	1009.7	+2	56	0	WNW	4	NW	cq	3	1	61	56	e	egp	o. c. q	2.5								
	Newquay ...	1009.8	59	WNW	6	o	1011.1	+1	58	+1	WNW	5	-	o	5	1	62	55	bc.	o	o. op	0.5								
	Falmouth Obsy.	1010.4	61	W	6	og	1011.9	*	59	+1	WNW	4	-	o	2	-	63	56	cq	oc. q	og. c	1.5								
	Jersey (St. Aubin)	1011.7	61	W	4	o	1011.1	*	59	-1	W	4	W	c	3	1	65	57	c. b.	c. o	odm. c	7.0								
	Portland Bill ...	1007.6	60	WSW	5	o	1008.8	+2	58	0	WNW	5	NW	c	4	2	62	57	bc. c.	cu	c. bc. cp	*								
	Dungeness ...	1006.3	60	SW	6	og	1006.0	+3	59	+3	W	5	W	og	4	-	66	55	bc. o.	o. c. o	og	*								
	Dover ...	1006.7	60	W	2	c	1005.6	*	61	+5	NW	3	NW	c	3	Trace	63	55	bc. b. bc	o. c.	c	5.4								
	Wick ...	994.4	55	WNW	4	bc	993.3	+1	48	-3	WNW	4	-	r	3	6	56	46	omp	om. bc	omr	*								
	Nairn ...	996.0	55	WNW	3	cu	995.6	*	50	-4	WNW	3	-	cq	3	2	58	47	cg. d	c. c. q	ogp	0.8								
	Aberdeen ...	995.8	57	WNW	4	c	995.2	0	52	-6	WNW	4	NW	o	2	1	62	50	cp. o.	o. c.	c	1.7								
	Leith ...	997.7	60	W	4	c	998.7	+1	54	-2	W	4	W	b	*	-	64	52	o. c. bc	bc. c	c. bc	*								
	Tynemouth ...	999.3	61	WNW	2	bc	999.4	0	55	-1	WNW	5	NW	bc	4	-	61	52	bc	bcq	bom	6.6								
Spurn Head ...	1002.1	59	WNW	5	o	1000.6	0	58	+2	WNW	6	NW	cq	5	-	63	54	c	c. o	o. c	4.9									
Yarmouth ...	1003.7	62	W	2	o	1002.8	+2	56	+1	W	2	-	c	1	1	66	54	bc. o	o	or. c	6.4									
Clacton-on Sea	1004.7	62	WSW	3	o	1004.0	+2	59	+3	WNW	3	NW	c	2	0.1	64	56	bc. c	c. o	op. c	4.2									
Nottingham ...	1002.5	59	W	2	o	1003.5	*	55	0	W	3	W	o	*	1	61	54	o. c	o	r. o	0.1									
Bath ...	1006.1	62	W	2	o	1008.1	*	59	0	W	3	NE	bc	*	-	64	56	o	o	or. o	4.0									
London (Kew Obsy.)	1005.8	60	SSW	3	og	1005.9	+2	58	+2	W	2	-	o	*	2	63	56	bc. o. om	ou. c. og	og. o. r. o	2.3									
ICELAND, FAEROE, &c.	Spitzbergen ...	1017.7	44	NW	2	b	1017.7	0	47	+1	S	1	*	c	*	-	47	43	*	*	*	*								
	Isafjord ...	1016.2	52	NE	4	bc	1019.9	-2	46	-2	NE	5	*	c	*	*	*	*	*	*	*	*								
	Reykjavik ...	1012.3	53	-	0	o	1013.9	-1	48	-6	-	0	*	b	*	*	*	*	*	*	*	*								
	Vestmanna ...	1011.3	49	NW	1	r	1011.0	+1	49	0	NNE	2	*	b	0	*	*	*	*	*	*	*								
	Seydisfjord ...	1011.9	50	NW	4	bc	1012.2	+1	44	-2	N	4	*	c	*	*	*	*	*	*	*	*								
	Thorshavn ...	995.7	53	NNE	4	o	990.3	-4	46	-6	N	7	*	o	*	*	*	*	*	*	*	*	*							
NORTHERN EUROPE.	Vardö ...	1009.0	43	E	4	o	1008.6	-2	43	-3	NE	5	-	o	2	*	46	41	*	*	*	*								
	Bodö ...	996.8	54	ENE	5	bc	990.7	0	57	-4	ENE	6	-	bc	2	-	64	52	*	*	*	*								
	Christiansund	990.6	57	-	0	o	988.6	0	59	+2	-	0	-	o	2	10	59	57	*	*	*	*								
	Skudesnaes ..	992.2	59	SW	5	c	990.6	0	57	0	W	3	-	r	2	1	64	57	*	*	*	*								
	Færder (X'ania Fjord)	989.3	63	SW	4	r	991.4	0	61	-11	WSW	6	-	b	3	4	72	61	*	*	*	*								
	The Scau (Skagen)	991.8	59	W	4	o	993.0	0	59	-13	W	3	-	bc	3	11	73	55	*	*	*	*								
	Blaavands Huk	997.9	63	NW	3	o	995.7	-1	61	-2	WNW	2	-	c	3	2	64	57	*	*	*	*								
	Haparanda ...	1000.7	55	NE	2	o	996.4	-1	63	+4	-	0	N	c	*	2	70	54	*	*	*	*								
	Hernösand ...	995.9	72	SE	2	bc	990.7	-4	72	+2	SE	5	-	o	*	-	79	68	*	*	*	*								
Stockholm ...	994.1	77	SSE	2	b	990.3	0	70	-9	WNW	2	-	o	*	-	82	68	*	*	*	*									
Wisby ...	993.5	79	SE	4	bc	991.1	-1	66	-15	NW	6	-	o	*	-	86	66	*	*	*	*									
Karlstad ...	989.3	73	N	2	o	991.5	+1	63	-12	W	4	-	bc	*	3	84	57	*	*	*	*									
St. Petersburg†	1003.8	73	E	1	o	1001.9	0	72	+9	SE	1	-	f	*	-	84	63	*	*	*	*									
CENTRAL EUROPE.	Berlin ...	996.6	68	SW	2	c	1001.9	+3	59	-11	W	4	-	o	*	2	79	57	*	*	*	*								
	Frankfurt ...	1005.3	61	NW	3	c	1006.6	0	57	-9	SW	4	-	o	*	1	73	54	*	*	*	*								
	Munich ...	1004.3	63	SW	6	o	1010.0	+1	59	0	SW	5	-	c	*	2	64	54	*	*	*	*								
	Vienna † ...	999.1	59	W	5	r	1006.4	+5	57	0	W	4	-	o	*	31	77	57	*	*	*	*								
	Cuxhaven ...	999.7	63	W	3	o	998.6	-2	57	-7	SW	4	-	o	1	1	66	57	*	*	*	*								
	The Helder ...	1002.7	61	WSW	4	o	1000.0	0	61	0	W	4	-	c	5	5	64	57	*	*	*	*								
	Brussels ...	*	*	*	*	*	1004.0	0	59	+2	WSW	3	-	o	*	1	66	54	*	*	*	*								
FRANCE.	C. Gris Nez ...	1005.7	60	WSW	6	o	1005.5	+2	59	+4	W	5	*	c	4	-	61	55	*	*	*	*								
	La Hève ...	1011.1	63	WNW	4	o	1009.0	*	58	0	W	6	*	o	5	3	66	54	*	*	*	*								
	Ushant ...	1013.3	60	WNW	4	f	1013.3	*	57	-2	WNW	5	*	o	4	1	63	54	*	*	*	*								
	Brest (St. Mathieu)	?	59	W	4	o	?	+1	58	-1	WNW	3	*	c	3	1	66	55	*	*	*	*								
	Rochefort (Ile d'Aix)	1016.8	64	WNW	5	c	1016.2	0	61	0	W	5	*	r	*	Trace	68	59	*	*	*	*								
	Biarritz ...	1019.1	64	WNW	3	o	1019.3	0	64	0	WNW	3	*	o	3	-	68	61	*	*	*	*								
	Paris ...	1010.9	64	W	3	o	1009.9	0	61	+2	W	3	-	o	*	Trace	?	?	*	*	*	*								
	Belfort ...	1012.2	58	W	4	o	1014.1	*	54	-4	WSW	6	*	r	*	2	63	53	*	*	*	*								
	Lyons ...	1014.6	61	NW	1	c	1016.4	*	62	+2	S	1	*	bc	*	1	67	50	*	*	*	*								
	Nice ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*								
Perpignan ...	1014.0	72	NW	4	b	1017.1	0	66	0	NW	3	W	b	*	-	75	59	*	*	*	*									
Sanguinaire ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*								
SOUTHERN EURO																														





**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

Wind mainly North-Westerly, moderate or fresh, strong at times locally; much cloud generally, some rain; cool.

Wind between West and North-West, light or moderate, fresh at times; mostly cloudy or overcast, showers locally; fairer intervals; temperature below the normal.

Same as Nos. 0 to 2.

Same as Nos. 3 to 5.

Same as Nos. 0 to 2.

North-Westerly and Westerly winds, moderate or fresh; sea rather rough; much cloud, some showers.

**FURTHER OUTLOOK.**

Millibars  
1050-31

1040

1030

1020

1010

1000

990

980

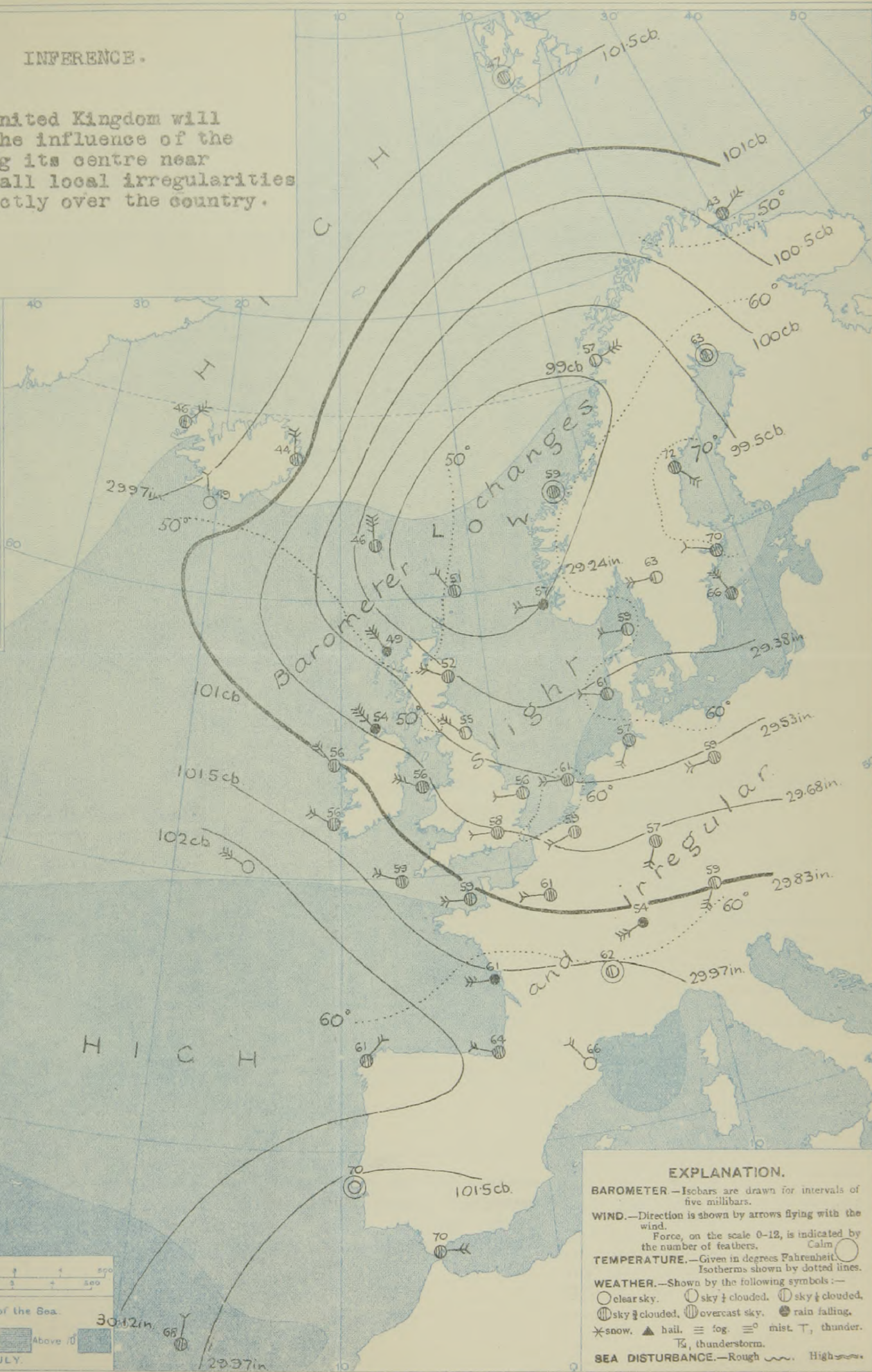
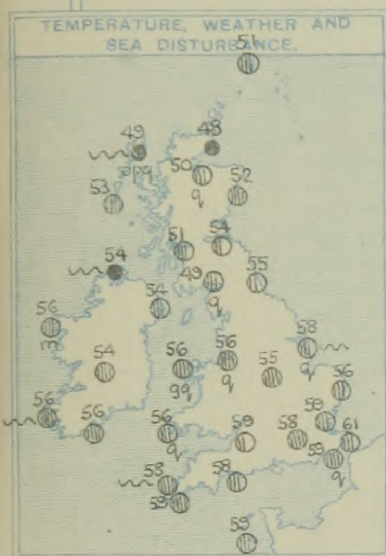
970



# SYNOPTIC CHART FOR 7 a.m., Friday, 24<sup>th</sup> JULY, 1914.

## GENERAL INFERENCE.

The United Kingdom will continue under the influence of the depression having its centre near Shetland, and small local irregularities of pressure directly over the country.



## EXPLANATION.

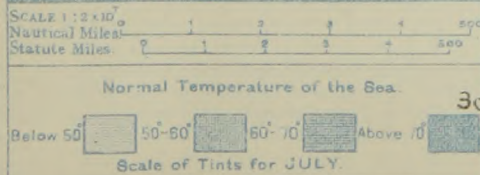
**BAROMETER.**—Isobars are drawn for intervals of five millibars.

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

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





## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading	Change in 3 hours.	Dir.	Force.	
24th 7 a.m.	50	15	Oceanic.	O	?	0	WNW	6-7	b	23rd 7 a.m.	50	17	Cedric	H	1028.4	-5	NW	4-5	f
23rd 6 p.m.	49	14	New York	H	1029.8	-1	N	4-5	o	"	50	17	Franconia	O	1024.7	+5	NW	4-5	m
" 7 a.m.	48	9	New York	H	1026.4	-1	NNW	1-3	f										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	0.3	62	51	d	opd	0.3	England, S.E.	Tunbridge Wells	0.3	64	49	b, bc	bc, c, o	4.7
	Stonehaven	-	66	49	bc	bc	6.1		Margate	6	64	56	bc	c	3.4
	Carnoustie	-	69	51	*	*	8.4		Ramsgate	7	66	54	b	o	3.7
	St. Andrews	-	67	49	*	*	7.7		Folkestone	9	64	52	r, bc	bc, o	5.7
	Harrogate	0.3	58	51	o, bc, o	p, bc, ou	2.8		Hythe	10	65	52	o	o	0.0
Eng., N.E.	Scarborough	*	59	47	c, o	o	3.2	England, S.W.	Littlestone	*	65	51	*	*	5.5
	Skegness	-	66	56	o, c	c, b	5.3		Hastings	5	65	51	or, b, bc	bc, o	5.8
		-	62	50	o, c	og	5.1		Bexhill-on-Sea	3	65	50	bc, o	c, or	6.5
Eng., N.W.	Douglas (I. of M.)	-	59	52	gg, d	dg	0.2		Eastbourne	3	64	52	b, bc, o	bc, o, bc, o	6.6
	Morecambe	0.3	60	55	o	o	0.1		Seaford	Trace	65	50	b	c	5.5
	Blackpool	2	58	55	op	op	0.0		Brighton	1	65	51	bc, c, o	o	4.7
Mid-lands.	Southport	4	59	55	o, cp	or	0.0		Worthing	-	65	51	bc	c, o	5.3
	Buxton	1	56	49	bc, r	c	0.5		Littlehampton	-	65	52	b, bc	o, qu	4.9
	Leamington Spa	-	64	50	o	o	1.3		Bognor	-	64	50	bc	c	5.2
Wales.	Malvern	-	68	54	c	c	1.0		Southsea	-	64	51	bc, o	o	4.5
	Rhyl	-	64	54	o	o, bc	0.5		Ryde	-	63	55	bc	bc	4.5
	Colwyn Bay	-	63	54	bc	bc	0.2		Ventnor	-	65	51	*	*	6.0
England, E.	Llandudno	1	62	54	op	bc	0.0		Bournemouth	0.3	63	49	c	or	3.5
	Bettws-y-Coed	-	64	54	o	o	1.8		Penzance	-	64	56	bc	c, o, m	4.5
	Aberystwyth	1	63	55	o, c	c, r, o	2.0		Weymouth	-	65	53	bc, c	c, o	4.5
England, S.W.	Tenby	1	69	50	od	o, bc	3.5		Exmouth	-	65	55	bc, c	c, bc, b	3.8
	Cromer	-	64	55	bc	o	5.5		Teignmouth	-	66	54	b, bc, c	c	3.5
	Lowestoft	1	64	50	c, bc	o	5.7		Torquay	-	65	54	c	c, o	3.8
England, E.	Felixstowe	2	64	52	bc, c	c, o	4.9		Paignton	-	65	54	c	c	3.4
	Walton-on-Naze	2	64	51	bc, c, o	og, ogu	4.4		Plymouth	-	64	54	o	og	0.8
	Southend-on-Sea	0.3	64	52	b, bc, o	o	3.6		Falmouth	-	63	54	cq	oe, cq	1.5
									Bude	1	63	56	c, o, ce	cpd, c	1.0
									Ilfracombe	1	62	55	c	c, or	2.0
									Weston-super-Mare	0.3	64	55	b, bc, c	bc, cgp	4.0

## 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.									
	%	%	Hr.	' F.	' F.	' F.	mm. \$			
Greenwich (Royal Obs.) ...	60	70	2.2	66	56	56	2	o	o	aop
City (Hunhill Row) ...	*	*	2.5	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	63	77	2.8	64	57	55	2	bc	c	c.or
Camden Sq. (Brit. Rainfall)	59	66	1.2	67	56	53	1	o	o	*
Hampstead (Reservoir) ...	*	72	3.6	62	55	54	1	bep	c	ep
Richmond Park ...	*	*	2.0							
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.)	64	76	3.1	118.4 Joules		20.8 Milliwatts		77.5 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.	Trace	65	52	51	b. op	op. c	bcq	*
Darwen to 9 p.m..	7	55	50	47	our	our	or	0.0
Manchester "	12	58	55	*	bc. c. o	o. or	or	0.0
Birmingham "	1	60	49	43	*	o	or	0.3
Oxford to 8 p.m.	*	62	50	44	bj. o	o. c	o. c	*
S. Kensington (Museum Grounds to 6 p.m.)	-	64	51	47	o	bc. o. og	o. og	*

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

24th & 25th July 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.2 4.3	G.M.T. 11.59 11.59	G.M.T. 7.56 7.54
Greenwich	4.13 4.14	12.6 12.6	7.59 7.58
Wick	3.47 3.49	12.18 12.18	8.49 8.47
Valencia	4.52 4.54	12.47 12.47	8.42 8.41

## NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 70° in these islands, below 60° at many northern stations. Rain occurred in several localities, as much as 17 millimetres (0.67 in.) at Birr Castle. Little bright sunshine was recorded over the Kingdom generally; in some parts of Lancashire there was none.

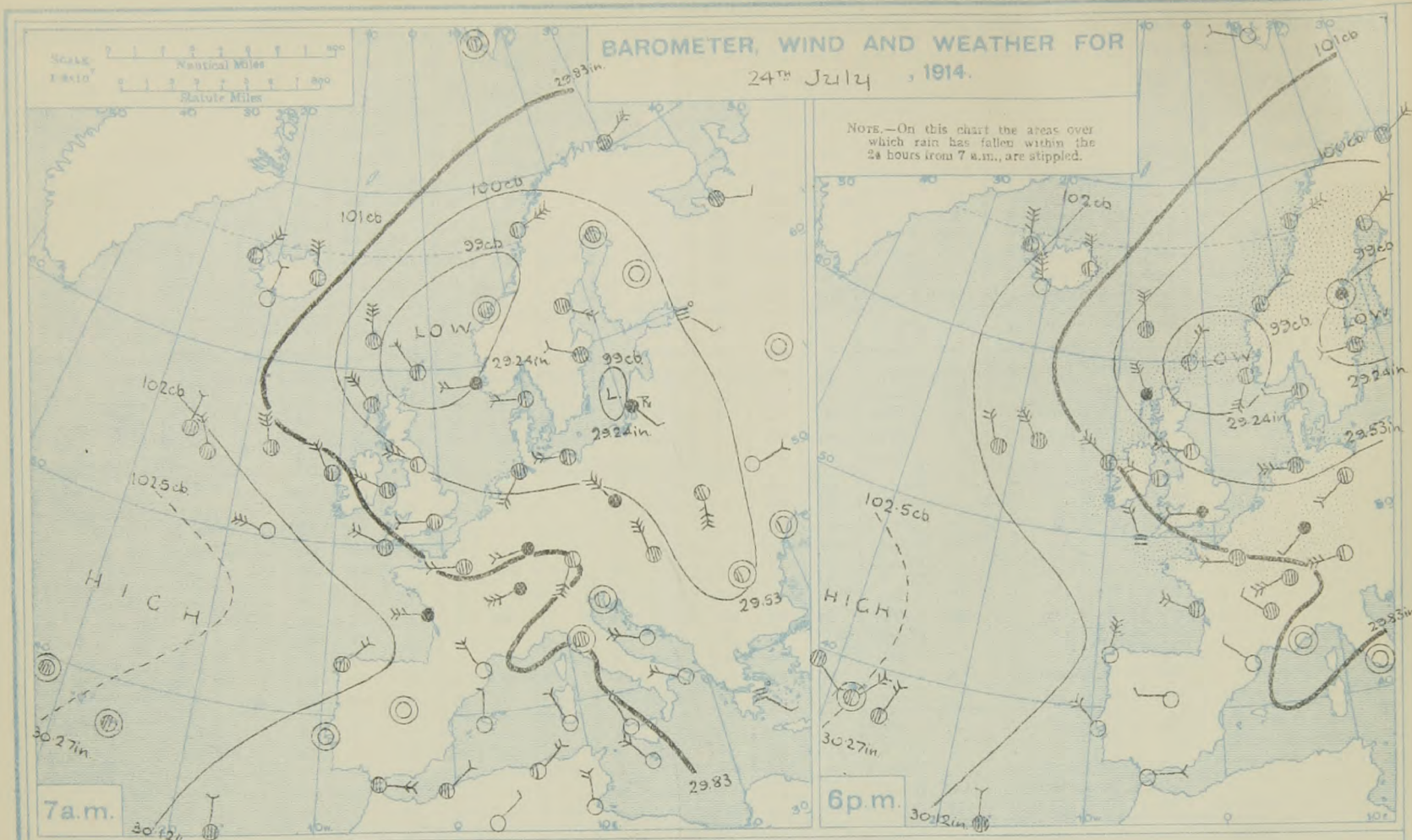
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; 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.

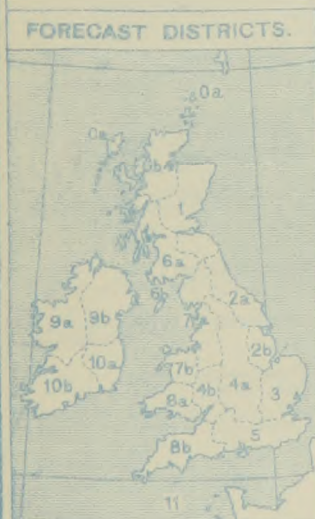


\* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.





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



**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.

- 0 { a }  
b
- 1 { a }  
b
- 2 { a }  
b
- 3 { a }  
b
- 4 { a }  
b
- 5 { a }  
b
- 6 { a }  
b
- 7 { a }  
b
- 8 { a }  
b
- 9 { a }  
b
- 10 { a }  
b

Wind mainly North-Westerly, Westerly locally, fresh or strong to moderate; changeable, some showers; cool.

Westerly or North-Westerly winds, fresh or strong at times; variable sky, some showers and squalls; cool.

Same as Nos. 0 to 2.

North-Westerly winds, fresh or strong generally, high locally; changeable, some squalls and showers; cool.

North-Westerly winds, fresh or strong; sea rather rough; changeable, some showers.

**FURTHER OUTLOOK.**

Western Channel and Bay. 11



SEA DISTURBANCE.—Rough  High 



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
25th 7 a.m.	55	9	Calgarion	H	1008.8	-1	NW	6-7	b	24th 7 a.m.	55	25	Leurentic	H	1020.6	0	NNE	1-3	0
" " "	51	12	Alaunia	O	1017.3	+4	NW	6-7	b	" " "	54	23	Calgarion	H	1021.0	-1	NW	4-5	0
24th 6 p.m.	55	20	Victorian	O	1016.2	+4	NW	4-5	0	" " "	55	16	Victorian	O	1008.7	+1	NW	6-7	0
" " "	54	20	Laurentic	H	1018.6	-3	NW	4-5	0										
" " "	55	17	Calgarion	H	1016.2	-5	NW	6-7	0										
" " "	51	11	Adriatic	O	1013.5	+3	NW	4-5	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.	Oban	...	57	49	opd	c	1.8	England, S.E.	Tunbridge Wells	...	65	56	o bc	bc ou	1.1
	Stonehaven	...	61	50	c	bc c	0.9		Margate	...	65	57	c	cp	0.7
	Carnoustie	...	61	52	*	*	4.1		Ramsgate	...	65	56	o	o	1.4
	St. Andrews	...	62	52	*	*	4.9		Folkestone	...	67	57	bc	bc	2.3
	Bonny	...	54	48	oqb	oqb	0.1		Hythe	...	68	57	c	bc	6.6
Eng. N.E.	Harrogate	...	61	49	b bc	bc c	8.0	England, S.W.	Littlestone	...	*	*	*	*	3.0
	Scarborough	...	61	52	c b	bc	5.9		Hastings	...	66	57	o p c	o bc	2.8
	Skegness	...	65	50	c o g	c bc o	7.4		Bexhill-on-Sea	...	65	58	o	c o	2.8
Eng. N.W.	Douglas (I. of M.)	...	59	51	c q	c q p	4.6	England, S.E.	Eastbourne	...	65	59	o bc q	o bc q	2.5
	Morecambe	...	60	54	o bc	bc	4.3		Seaford	...	65	55	c	c	1.5
	Blackpool	...	60	54	cp	cp	5.3		Brighton	...	67	59	o	o c	2.3
	Southport	...	60	54	o c bc	c bc c	6.3		Worthing	...	65	58	c	c	1.5
Mid-lands.	Buxton	...	56	50	cr	bc	1.8	England, S.W.	Littlehampton	...	69	57	o	o	1.3
	Leamington Spa	...	63	55	c	o c b	1.3		Bognor	...	64	50	bc	c	1.6
	Malvern	...	62	54	c	c bc	2.0		Southsea	...	65	58	o c	bc c o	1.6
Wales.	Rhyl	...	60	53	bc r	bc o	3.0	England, S.W.	Ryde	...	66	58	c	c	1.5
	Colwyn Bay	...	61	53	p bc	bc p	2.6		Ventnor	...	67	56	*	*	3.2
	Llandudno	...	63	54	o	bc	3.0		Bournemouth	...	65	55	c	o c	3.0
	Bettws-y-Coed	...	62	53	cp	cp	4.8		Weymouth	...	66	56	d bc	om	1.5
England, E.	Aberystwyth	...	61	55	o c	c o	1.3	England, S.W.	Exmouth	...	65	57	bc b	c o bc	4.9
	Tenby	...	64	55	bc	bc	4.3		Teignmouth	...	65	57	cp c	c bc	1.5
	Cromer	...	66	53	c	bc	4.8		Torquay	...	65	57	o	e bc	3.0
England, E.	Lowestoft	...	66	55	o c o	o c o	3.0	England, S.W.	Paignton	...	65	57	o	o bc	2.2
	Felixstowe	...	65	57	bc	c	4.7		Plymouth	...	65	56	bc q	bc	2.0
	Walton-on-Naze	...	64	56	c o g	o g p o g	2.6		Falmouth	...	65	56	c o	o	2.9
England, E.	Southend-on-Sea	...	65	57	o bc	o	1.2		Bude	...	63	55	c	bc	3.7
									Ilfracombe	...	61	57	o	c bc c	3.0
									Weston-super-Mare	...	61	56	b bc	bc c	2.5

## 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. Min.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.)	65	66	0.9	67	52	47	-	bc	bc cp	o op o
City (Bunhill Row)	*	*	1.0	67	52	47	*	*	*	*
Westminster (St. James's Pk.)	74	73	1.0	65	55	51	-	bc	bc o	o
Camden Sq. (Brit. Rainfall)	61	62	1.9	69	53	49	-	o c	bc o	*
Hampstead (Reservoir)	*	77	2.8	63	52	47	-	c o	bc	c
Richmond Park	*	*	2.6							
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.)				1002 Joules	17.7 Milliwatts.		79.0 Milliwatts.			

## 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.	2	63	54	55	c o	o g p
Darwen to 9 p.m.	4	56	50	47	our. b	bc op
Manchester "	1	60	54	*	ore bc	bc c
Birmingham "	1	60	53	47	o	o c
Oxford to 8 p.m.	*	64	55	52	or p	bc op
S. Kensington (Museum Grounds to 6 p.m.)	2	65	56	54	o g o r o	o

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

25th & 26th July, 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.3	11.59	7.54
	4.4	11.59	7.53
Greenwich	4.14	12.6	7.58
	4.16	12.6	7.56
Wick	3.49	12.18	8.47
	3.51	12.18	8.45
Valencia	4.54	12.47	8.41
	4.55	12.47	8.40

## NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 65° over the greater part of the Kingdom, but touched 68° at a few places in the south-east. Rain, generally slight, has fallen in most localities, and the duration of bright sunshine has been very limited. In most regions the record was below 5 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 1d. at M.O. and at the bookstalls at certain Railway Termini in London.

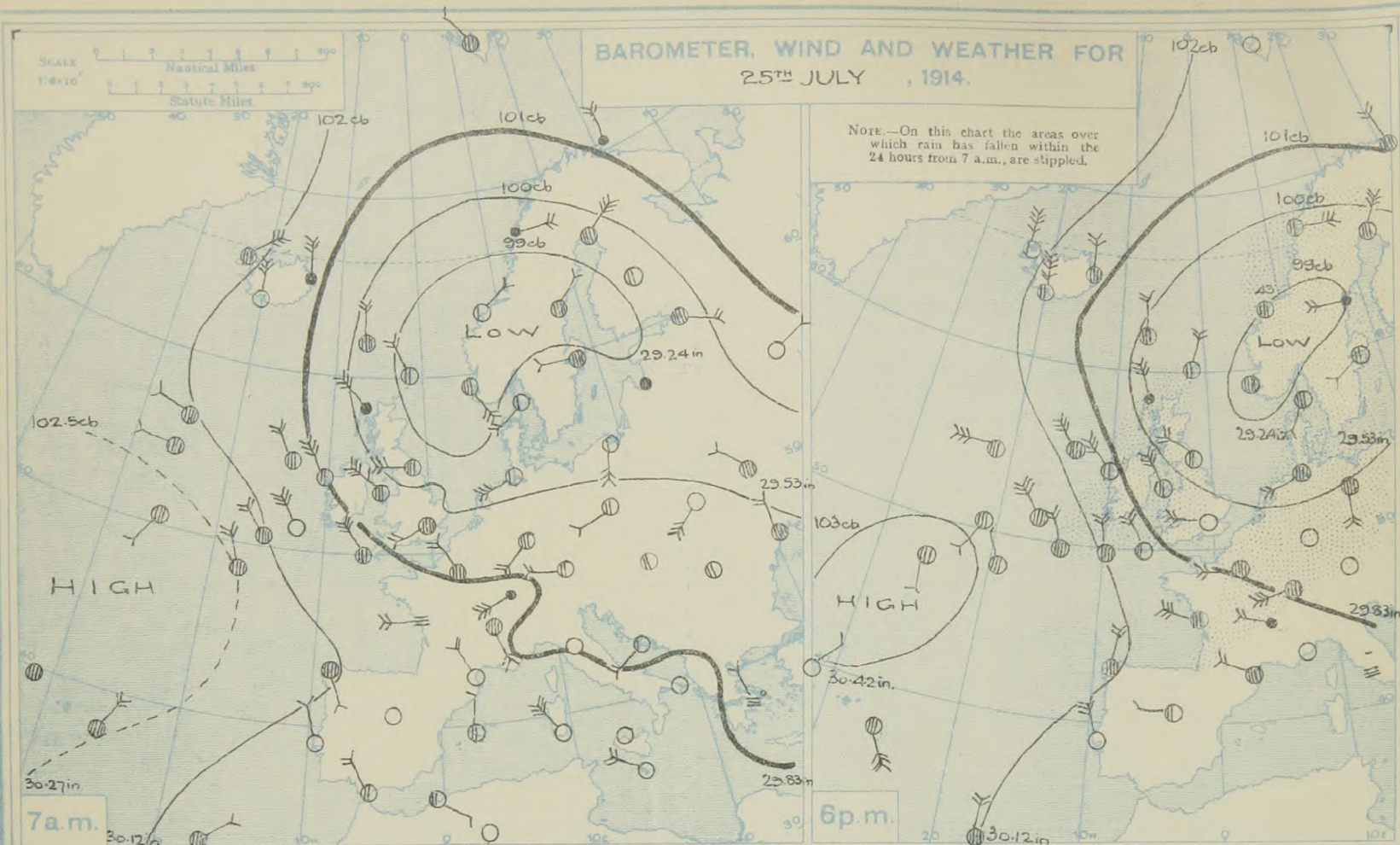


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
26th July, 1914.

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. Milli- bars at M.S.L.	Change in 3 hours.	° F.	° F.	WIND.	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.	
		° F.															° F.	° F.				
BRITISH ISLANDS.	Lerwick ...	99.19	56	NNE	4	bc	99.32	0	52	-1	NNW	2	-	o	2	3	59	52	bc	bc	op	*
	Stornoway ...	99.88	50	NNW	6	cpq	99.95	0	50	+2	NNW	5	-	opq	4	5	52	47	opq	o-cpq	opq	0.4
	Castlebay (Barrisd.)	100.22	50	NW	5	op	100.22	0	51	+2	NW	4	-	op	4	3	51	46	op	op	op	0.0
	Glasgow ...	99.83	51	NNW	5	o	99.88	0	51	+2	NNW	4	-	o	*	-	56	48	o-cq	o-cqv	o-cv	1.9
	Eskdalemuir ...	99.76	49	NNW	6	cqv	99.72	0	49	+2	NNW	5	-	ov	*	-	52	46	oqv	oqv	cqv	0.9
	Malin Head ...	100.38	50	NW	8	c	100.30	0	51	-1	NW	6	-	c	6	2	55	48	bcqv	cqv	cqv	6.0
	Blacksod Point	101.1	57	NW	6	bcqm	101.00	0	50	-4	NNW	5	-	emp	4	2	62	48	cqm	cqm	emp	*
	Valencia ...	101.52	56	NNW	5	c	101.35	-1	54	-1	NW	5	-	omp	5	1	59	52	cp	c	cp	1.9
	Roche's Point	101.22	58	NW	6	c	101.20	*	54	-2	W	3	-	c	3	0.4	62	53	c-bcp	bc	c-bc-c	*
	Birr Castle ...	100.94	58	W	6	c	100.91	*	50	-2	NNW	3	-	o	1	1	62	49	c-op	b-oq	b-op	6.5
	Donaghadee ...	100.37	54	NW	6	cqv	100.35	0	51	0	NW	5	-	cqv	5	0.4	59	49	cqv	cqv	cqv	*
	Liverpool (Bidston)	100.26	55	W	6	o	100.2	0	52	-1	W	7	-	oq	6	1	58	49	bcq	bcq	opq	2.6
	Holyhead ...	100.61	55	NW	6	bcqg	100.58	0	53	-1	NW	7	-	oqg	7	1	59	52	c-o-bc-c	bcp-op	op-q	7.0
	Penibroke (St. Ann's)	100.87	58	NNW	5	c	100.83	0	52	-3	NNW	5	-	cqv	4	3	60	52	cqv	cqv	cqv	4.6
	Newquay ...	101.06	60	NNW	6	b	100.99	0	59	+2	NNW	6	-	c	6	1	61	56	bcp-bv	bcp	bc-c	9.5
NORTHERN EUROPE.	Scilly (St. Mary's)	101.45	59	NW	6	bc	101.20	-2	57	+1	NW	6	-	c	5	1	63	55	bc	bc	bc-c	12.2
	Jersey (St. Aubin)	101.16	62	W	5	b	101.08	*	58	-1	W	6	-	c	4	2	63	55	bcp-bc	b	c-bcp	9.8
	Portland Bill ...	100.77	61	NNW	5	c	100.84	0	57	-1	NNW	5	-	bc	4	2	63	55	c	c	c-bcp	*
	Dungeness ...	100.46	63	WSW	5	bc	100.46	0	54	-5	WSW	4	-	c	4	1	67	52	bc	bc	bc	*
	Dover ...	100.36	60	W	2	bc	100.34	*	55	-3	NW	4	-	bc	3	0.2	65	50	bc	bcp-bc	bc	9.9
	Wick ...	99.31	54	NW	3	r	99.58	+2	51	0	NW	3	-	o	3	22	54	50	ompq	ompq	ompq	*
	Nairn ...	99.57	50	NNW	3	cr	99.74	*	50	-1	NNW	1	-	r	3	6	55	49	cqv	dqv	cqv	0.0
	Aberdeen ...	99.26	52	NNW	6	oq	99.51	+2	53	+1	NW	4	-	op	3	10	56	49	oq	oq	cqv-r	0.1
	Leith ...	99.62	57	W	4	c	99.75	+1	52	-2	WSW	4	-	o	*	trace	62	50	c	bcq	bcp	*
	Tynemouth ...	99.59	56	NNW	4	bcq	99.70	+1	51	0	NW	4	-	c	4	1	60	49	bcq	bcq	bcp	4.0
	Spurn Head ...	99.76	56	NNW	7	c	99.78	0	54	0	NNW	6	-	cqv	5	3	64	49	cqv	cqv	cqv	1.6
	Yarmouth ...	100.01	57	W	4	oq	99.94	0	52	-2	W	4	-	bc	3	1	61	51	bc-op	opq	o-bc	3.0
	Clacton-on-Sea	100.20	58	NNW	4	c	100.10	-1	53	-4	W	4	-	c	3	1	65	52	c	cqv	c-bc-c	5.7
	Nottingham ...	100.19	53	NNW	5	c	100.11	*	51	-2	W	3	-	o	2	2	58	49	o-cp	cp	c-o-c	1.9
	Bath ...	100.64	61	W	3	c	100.64	*	55	-2	W	2	-	bc	*	1	64	51	bc	bc-o	bc-o-bc	3.8
London (Kew Obs.)	100.40	63	W	4	bv	100.40	0	54	-4	WSW	4	-	bc	*	0.3	65	51	c-o-bc-c	bc-bcp-bc	bc-bcp	9.1	
CENTRAL EUROPE.	Spitzbergen	101.71	40	-	0	b	101.49	0	43	+3	NNW	3	-	b	*	1	43	37	GALES.  Duration and Extreme Force in British Islands.  Malin Head. 25th Jan - 26th Jan.  Extreme NW 9. Holyhead. 1 pm. 25th. Just 20 m.p.s (45 m.p.h.). Wurster. 1 pm. 25th. Just WNW 19 m.p.s (43 m.p.h.). Southport. 25th Jan - 1 pm. Extremes WNW 8 Just 25 m.p.s (56 m.p.h.).			
	Isafjord ...	102.37	45	N	8	b	102.59	0	41	-1	-	0	-	b	*	1	43	37				
	Reykjavik	101.90	48	N	9	b	102.16	+1	44	0	-	0	-	b	*	1	43	37				
	Vestmanna	101.51	51	NE	4	bc	101.72	0	46	+1	NE	8	-	bc	1	1	43	37				
	Seydisfjord	101.32	46	N	4	o	101.70	+4	54	+9	N	4	-	c	*	1	43	37				
	Thorshavn	99.80	57	N	3	c	99.59	-3	49	0	NNW	14	-	r	*	1	43	37				
	Vardö ...	101.22	45	N	4	o	101.01	0	48	+5	NNW	5	-	c	3	1	46	41				
	Bodö ...	99.60	57	E	5	bc	99.83	0	55	+1	E	4	-	c	2	8	57	54				
	Christiansund	99.00	57	-	0	c	99.18	+1	59	0	NE	1	-	c	2	1	64	55				
	Skudesnaes	98.96	54	-	0	o	98.91	0	59	+4	E	4	-	b	2	6	59	54				
	Færder (Xiania Fjord)	99.06	61	S	4	c	99.24	+1	61	0	SE	4	-	c	3	2	64	57				
	The Scaw (Skagen)	99.14	61	SSW	2	c	99.23	+1	57	-2	SW	3	-	b	2	2	66	54				
	Blaavands Huk	99.26	59	WSW	4	c	99.14	0	59	+4	SW	4	-	bc	5	1	61	54				
	Haparanda	99.73	55	NE	6	c	99.94	0	50	-5	NE	6	-	r	*	20	63	50				
	Hernösand	99.00	57	W	4	r	99.57	+2	63	-3	-	0	-	bc	*	67	68	50				
Stockholm	99.22	64	SW	2	bc	99.57	+1	66	+5	SSW	2	-	c	*	1	68	55					
Wisby	99.44	66	SW	4	bc	99.77	+2	64	0	SSW	2	-	b	3	3	73	55					
Karlstad	99.17	68	S	4	b	99.37	+3	61	0	SSE	2	-	bc	*	1	70	57					
St. Petersburg	99.64	73	WSW	1	o	99.84	+1	64	-9	NW	1	-	r	*	2	86	64					
SOUTHERN EUROPE.	Berlin	100.17	59	S	4	o	100.20	0	55	-4	S	2	-	bc	*	8	68	52				
	Frankfurt	100.44	59	W	2	o	100.52	0	59	0	W	3	-	b	*	7	66	52				
	Munich	100.63	60	W	4	c	100.86	0	52	-5	WSW	4	-	c	*	6	66	50				
	Vienna	99.64	54	WSW	4	o	99.58	0	57	-2	WSW	5	-	opq	3	9	63	52				
	Cuxhaven	99.84	54	W	7	r	99.64	-2	57	0	W	5	-	c	5	11	59	52				
	The Helder	99.84	54	W	7	r	99.64	-2	57	0	W	5	-	c	5	11	59	52				
	Brussels	99.84	54	W	7	r	99.64	-2	57	0	W	5	-	c	5	11	59	52				
	C. Gris Nez	100.37	61	WSW	7	c	100.31	0	55	-4	W	6	-	c	5	1	64	54				
	La Hève	100.88	58	NNW	6	o	100.78	0	55	-3	NW	7	-	r	8	1	61	54				
	Ushant	101.47	59	NW	5	o	101.20	0	57	-1	NW	6	-	o	3	1	64	55				
	Brest (St. Mathieu)	101.53	61	NW	4	c	101.51	0	57	-2	NNW	4	-	o	3	1	64	55				
	Rochefort (Ile d'Aix)	101.50	64	NNW	6	c	101.70	0	62	0	NNW	6	-	o	1	1	66	59				
	Biarritz	101.83	66	NW	5	f	102.00	+2	63	-1	NNW	4	-	o	3	2	68	61				
	Paris	100.87	61	W	4	c	100.86	-1	57	-2	WSW	3	-	c	*	3	72	50				
	Belfort	100.95	59	WSW	3	o	101.19	*	52	-3	WSW	7	-	o	*	12	63	50				
Lyons	101.30	60	NNW	6	o	101.46	*	59	-1	NNW	3	-	c	*	4	75	52					
Nice	101.13	70	-	0	b	100.42	+1	68	+2	W	4	-	b	*	1	79	63					
Perpignan	101.59	73	NNW	3	o	101.57	+3	66	-2	NW	5	-	bc	*	1	81	61					
Sanguinaire	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
SOUTHERN EUROPE.	Corunna (7 a.m.)	102.21	64	NNE	4	o	102.38	+1	61	0	NE	2	-	o	3	1	66	61				
	Madrid (8 a.m.)	101.19	84	W	1	bc	101.57	+3	70	-3	NE	1	-	b	5	1	90	63				
	Lisbon (9 a.m.)	101.59	77	NNW	5	b	101.71	+1	63	-3	NW	1	-	b	1	1	99	61				
	Gibraltar	101.13	70	-	0	f	100.95	0	70	+2	SE											





**PILOT BALLOON ASCENTS for the PAST WEEK.**

Component Velocities to East and to North in Metres per Second.

**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.**

Station		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.
Date & Hour.		20th 19h.	21st 9h.	21st 9h.	21st 10h.	21st 11h.	22nd 7h.	25th 7h.	25th 7h.	25th 7h.	25th 7h.	25th 7h.	25th 7h.
Heights in Kilometres	4												
	3	-9	+7	-10	-2								
	2	-8	+8	-4	-2	-7	-1	+2	0	+3	+1	+15	-5
	1	0	+4	-1	-2	0	-2	+2	+2	+2	0	+13	-5
	0.5	-2	+4	+1	-4	-1	-2	+5	+2	+8	-1	+11	-4
	0	-1	+2	+2	-5	+1	-1	0	+2	+3	0	+4	+1
Station													
Date & Hour.													
Heights in Kilometres	4												
	3												
	2												
	1												
	0.5												
	0												

Millibars

1050

1040

1030

1020

1010

1000

990

980

970



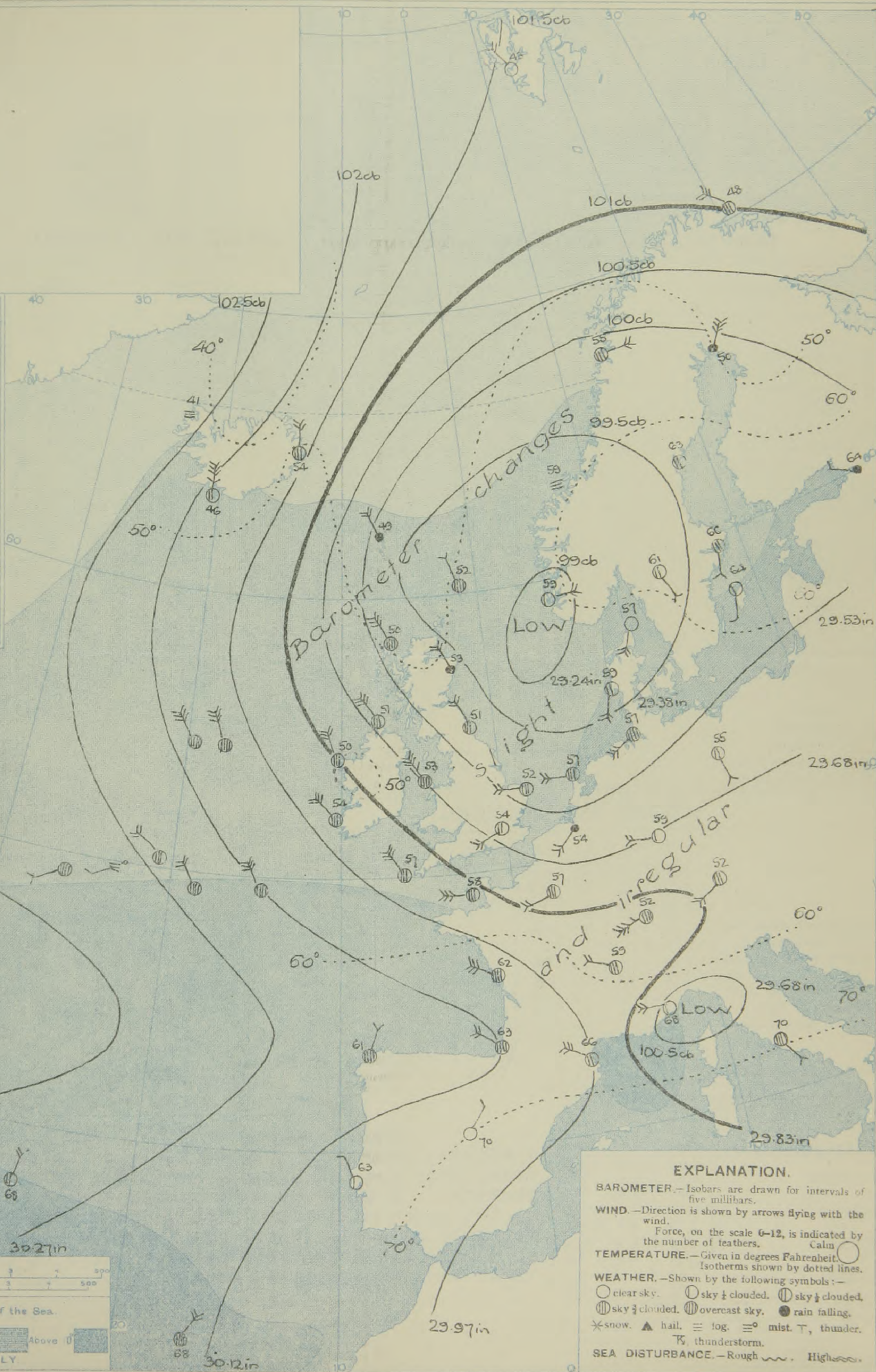
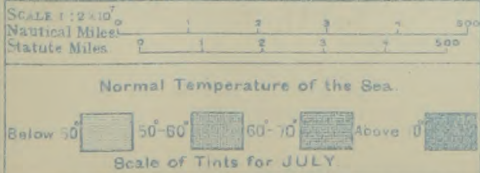
# SYNOPTIC CHART FOR 7 a.m., SUNDAY, 26<sup>TH</sup>. JULY, 1914.



Watches.  
31

30

29



## EXPLANATION.

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

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

Force, on the scale 6-12, is indicated by the number of feathers.

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

Isotherms shown by dotted lines.

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

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

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

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

TS, thunderstorm.

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



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
25th 6pm	47	29	Aquitania	H	1021.1	+3	S	1-3	c	25th 7am	48	28	Oceanic	O	1025.7	-1	SW	1-3	r
"	50	29	Lake Michigan	H	1027.4	+1	SSW	1-3	c	"	56	26	Victorian	O	1020.6	-1	WNW	1-3	o
"	54	21	Hesperian	H	1023.7	-1	W	6-7	c	"	54	26	Hesperian	H	1025.4	-1	W	1-3	o
"	51	17	Alania	O	1024.4	+2	NW	6-7	o	"	48	18	Minnetonka	H	1025.0	-1	NNW	4-5	o
"	49	14	Minnetonka	H	1024.0	-2	NW	4-5	o	"	50	16	Adriatic	O	1020.6	+5	NW	4-5	o
"	58	13	Empress of Britain	O	1011.5	+3	NW	6-7	o	"	49	15	Lopland	H	1022.0	-2	NNW	4-5	o
"	50	28	Lake Michigan	H	1025.4	-3	SSW	1-3	c	"	55	13	Laurentic	H	1012.2	-3	NNW	4-5	c

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	mm. §	° F.	° F.			Hr.	Tunbridge Wells	mm. §	° F.	° F.			Hr.
Oban	...	...	...	...	...	...	Margate	...	65	51	c. bc. b	bc. em	7.1
Stonehaven	...	...	...	...	...	...	Ramsgate	...	64	53	bc	bc	7.7
Carnoustie	...	62	48	*	*	6.2	Folkestone	...	65	53	bc	bc	9.3
St. Andrews	...	...	...	...	...	...	Hythe	...	66	54	bc	bc	6.5
Eng. N.E.	...	...	...	...	...	...	Littlestone	...	*	*	*	*	9.2
Harrogate	...	54	47	uq	ur	0.0	Hastings	...	66	53	b. bc	bc. b	8.3
Scarborough	...	58	48	c	bc. c. o	5.3	Bexhill-on-Sea	...	66	54	bc	bc	9.0
Skegness	Trace	59	50	cp	cg	4.1	Eastbourne	...	62	56	bc. bc	b. bc	8.8
Eng. N.W.	...	...	...	...	...	...	Seaford	...	66	56	c	c	7.4
Douglas (I. of M.)	...	55	50	p. bc	bcp	0.5	Brighton	...	67	56	c	c	8.5
Morecambe	...	58	51	o. ep. o	o	0.7	Worthing	...	67	54	bc	bc	9.5
Blackpool	...	56	51	cg. c	cg. o	1.5	Littlehampton	...	69	56	b. bc	c. bc. b	8.5
Southport	...	56	51	cg. c	cg. o	1.5	Bognor	...	67	55	bc	bcp	9.2
Mid-lands.	...	...	...	...	...	...	Southsea	...	...	...	...	...	...
Buxton	26	53	45	cr	cr	1.4	Ryde	...	...	...	...	...	...
Leamington Spa	1	62	53	cp	c	5.6	Ventnor	...	...	...	...	...	...
Malvern	2	66	50	bc	p. bc	2.0	Bournemouth	...	65	52	c	c	10.5
Wales.	...	...	...	...	...	...	Weymouth	...	66	56	cp. c	bc. c	6.2
Rhyl	...	...	...	...	...	...	Exmouth	...	...	...	...	...	...
Colwyn Bay	...	...	...	...	...	...	Teignmouth	...	65	56	c. bc	bc	5.3
Llandudno	...	...	...	...	...	...	Torquay	...	67	55	c	bc	7.3
Bettws-y-Coed	...	...	...	...	...	...	Paignton	...	67	53	bc	bc	7.1
Aberystwyth	...	58	52	ro. c	c. o	1.5	Plymouth	...	64	54	bcp	bcp	7.8
Tenby	...	62	52	bc. r	bc	6.2	Falmouth	...	64	53	bc. bc	bc. c. b	9.5
England.	...	...	...	...	...	...	Bude	...	63	55	cpd	pd. c	5.1
Cromer	0.3	60	51	c	c	2.2	Ilfracombe	...	62	55	o. ep	c. bc	6.0
Lowestoft	...	...	...	...	...	...	Weston-super-Mare	...	...	...	...	...	...
Felixstowe	0.3	64	52	bc	bc	5.8							
Walton-on-Naze	5	64	51	mgp. cp	cp. o	4.9							
Southend-on-Sea	...	68	55	o	bc. o	5.5							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.			Rain-fall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.	Min. on Grass.		Fore-noon.	After-noon.	Night.
Greenwich (Royal Obs.)	47	63	8.2	67	51	46	0.3	bcp	b. bc	bc
City (Bunhill Row)	...	...	7.0	66	52	50	0.3	bc	o. c	o. r. o
Westminster (St. James's Pl.)	50	74	7.7	70	51	48	...	o. c	b. bc	*
Camden Sq. (Brit. Rainfall)	44	64	8.0	65	49	46	...	c. o	bc	c
Hampstead (Reservoir)	...	70	8.8	...	...	...	...	...	...	...
Richmond Park	...	...	9.1	...	...	...	...	...	...	...
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.)				Joules		Milliwatts.				
53				71		8.2				

## Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Fore-noon.	
Dublin to 4 p.m.	2	60	50	48	cg	...
Darwen to 9 p.m.	13	52	46	45	or	...
Manchester	11	57	50	*	o. c	...
Birmingham	2	59	51	44	c	...
Oxford to 8 p.m.	*	63	52	49	bcp	...
S. Kensington (Museum Grounds to 6 p.m.)	0.4	66	55	49	o. c	...

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

26th & 27th July 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.4	G.M.T. 11.59	G.M.T. 7.53
Greenwich	4.16	12.6	7.56
Wick	4.17	12.6	7.55
Valencia	3.51	12.18	8.45
	3.53	12.8	8.48
	4.55	12.47	8.40
	4.56	12.47	8.39

## NOTES ON YESTERDAY'S WEATHER.

"Temperature passed 65° only at some southern stations, many northern and western ones remaining below 60°. Heavy rain fell at Buxton, Banff and Wick, elsewhere light showers. Bright sunshine ranged from none locally in Scotland to 12½ hours at Scilly. At a few exposed situations a North-Westerly gale was felt. To the 25th meridian ships had fresh to strong North-Westerly winds, thence to the 30th meridian light South-Westerly to Southerly breezes.

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.

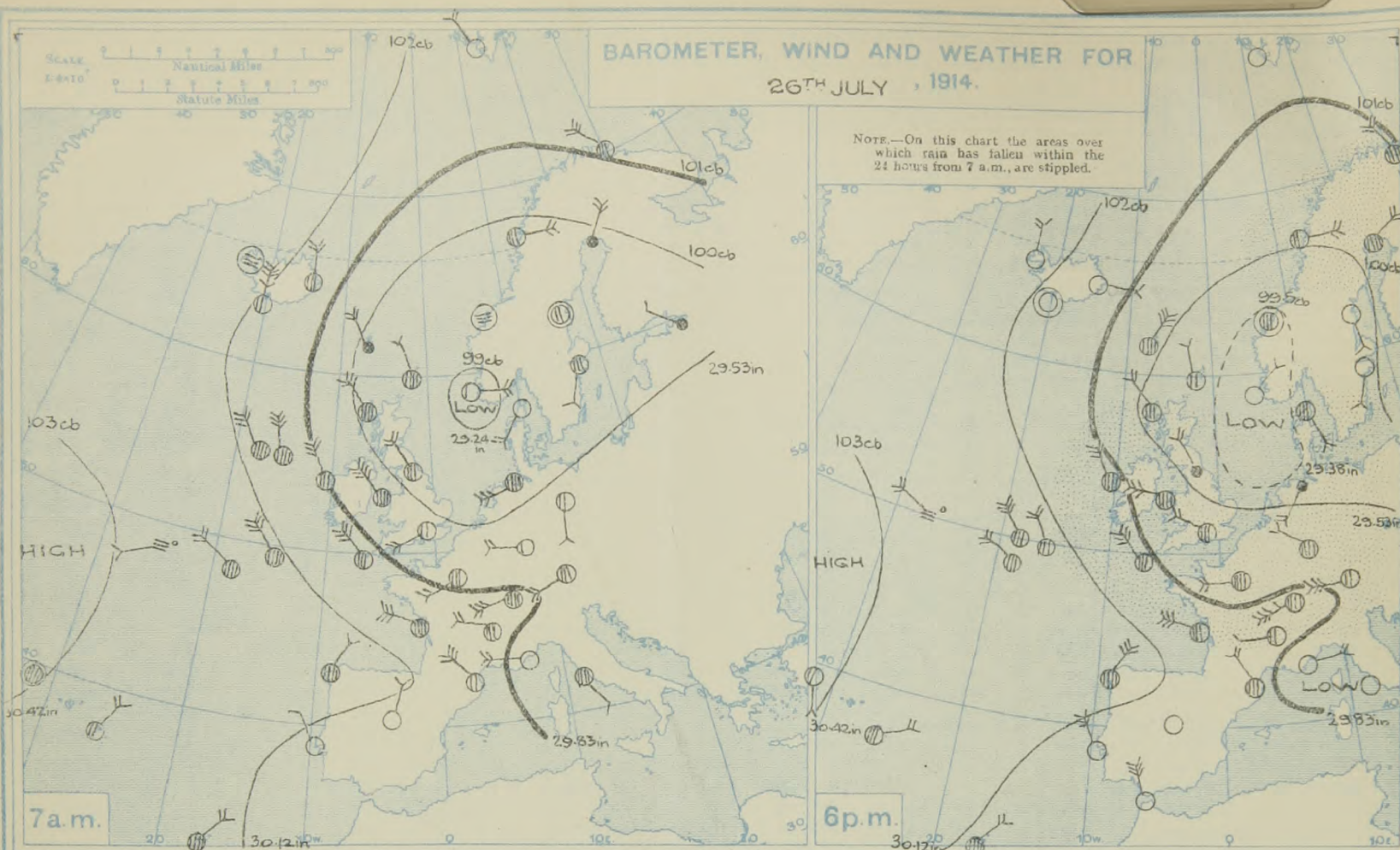
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Monday,  
27th July, 1914.

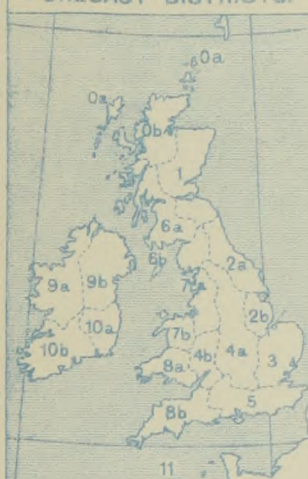
† The barometric change is expressed in half-millibars.





**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.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

No

Warnings Issued.

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

Wind between North and North and North-West, light or moderate; cloudy or overcast generally, some showers; cool.

Wind between West and North-West, light or moderate, fresh locally; mostly cloudy, some showers in places; temperature continuing much below the normal.

Same as Nos. 0 to 2

Same as Nos 3 to 5.

North-Westerly winds, light to fresh; changeable, some rain; cool.

North-Westerly winds, strong to moderate; sea rather rough; changeable, some showers.

Millibars

1050—31

1040—

1030—

1020—

1010—

1000—

990—

980—

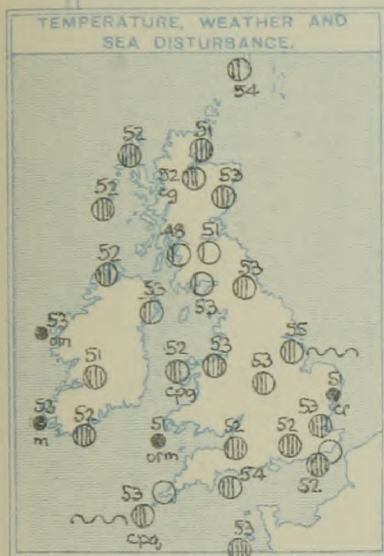
970—



# SYNOPTIC CHART FOR 7 a.m., MONDAY, 27<sup>TH</sup> JULY, 1914.

## GENERAL INFERENCE.

The depression over the North Sea seems likely to disperse slowly while moving in a southerly or south-easterly direction. Local pressure irregularities are still expected to pass over the United Kingdom.



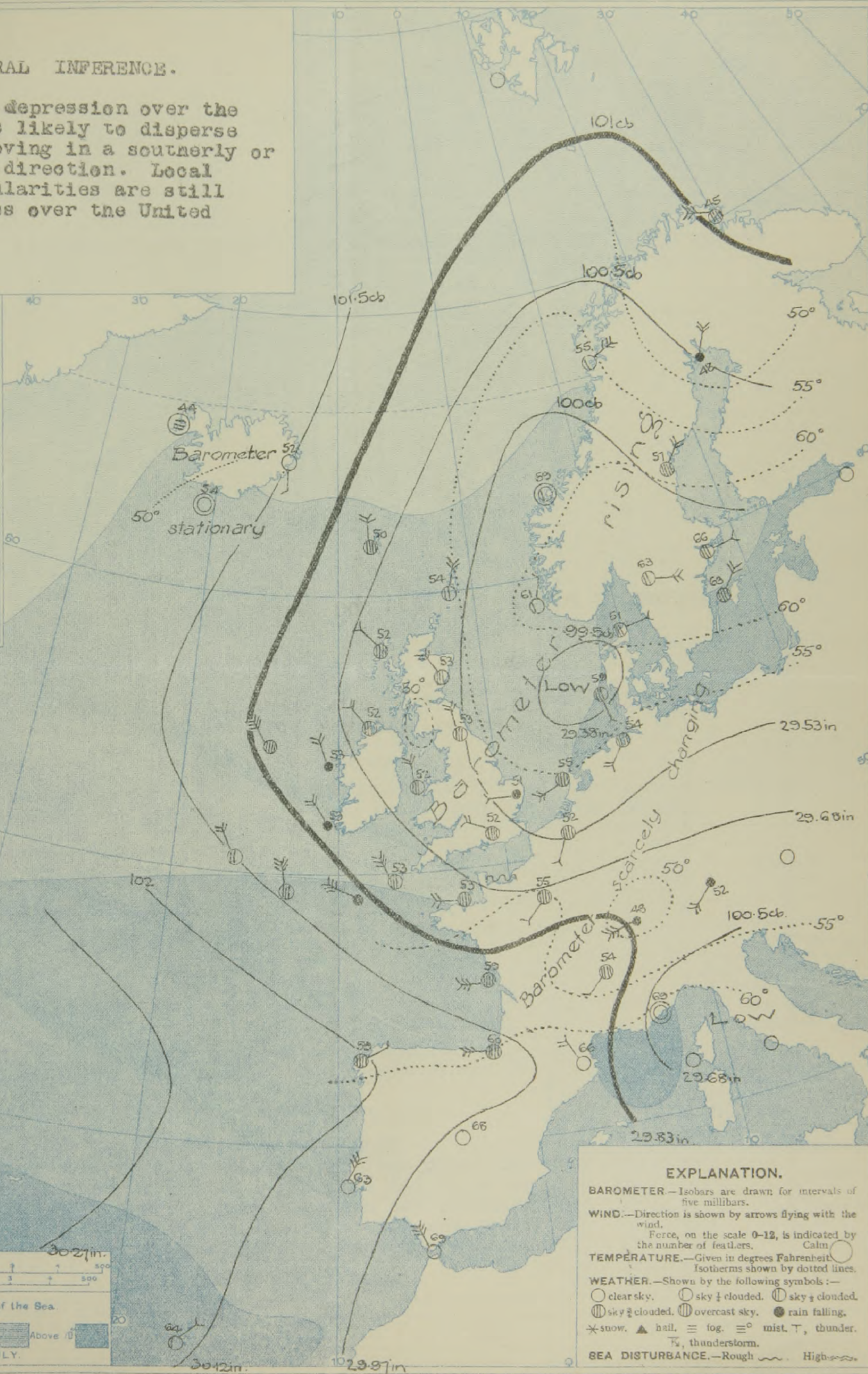
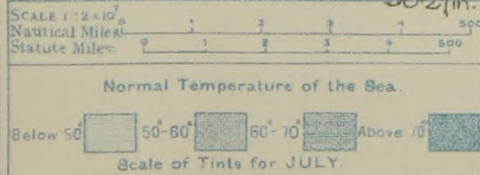
Inches.

31

10,

30

29



## 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 ~~~~~



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O=Outward. H=Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O=Outward. H=Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
27th Jan. 26th 10pm	55	13	Carthaginian	O	mb. 1007.1	+3	NW	(0-12).	O	27th Jan. 26th 10pm	50	13	Lake Michigan	H	mb. 1016.9	-1	NW	(0-12).	bc
" "	51	27	Alaunia	O	1025.3	+1	WNW	4-5	O	" "	49	9	Munichaka	O	1013.2	-1	WNW	6-7	c
" "	48	26	Adriatic	O	1026.1	-1	WSW	1-3	O	" "	49	22	Agutania	O	1028.8	-3	WSW	1-3	m
" "	49	18	Manitou	O	1022.7	-1	WNW	4-5	c	" "	51	21	Alaunia	O	1025.0	-1	WNW	4-5	c
" "	50	17	Lusitania	O	1022.0	+2	NW	6-7	c	" "	55	19	Empress of Britain	O	1018.9	+3	NW	6-7	O
" "	50	15	Agutania	H	1024.4	-4	NW	4-5	c	" "	48	18	Marquette	H	"	-4	WNW	4-5	O
" "	55	13	Scandinavia	O	1006.4	+1	NW	6-7	bc	" "	55	16	Hesperian	H	1016.9	-3	NNW	6-7	O
" "	55	11	Hesperian	H	1009.5	-7	NW	8-9	O	" "	49	14	Manitou	O	1021.7	+2	NW	6-7	O

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		mm. & ° F.	° F.				Hr.	England, S.E.		mm. & ° F.	° F.				Hr.
Oban ...		...	61	47	og	og	0.0	Margate ...		...	62	49	c.b.c.	c.b.c.	6.1
Stonehaven ...		...	59	50	og	og	0.0	Ramsgate ...		...	59	48	b	b	3.5
Carnoustie ...		...	57	51	u.d.l.	c.b.c.	0.8	Folkestone ...		...	63	57	c.b.c.	c.b.c.	6.1
St. Andrews ...		...	58	52	or	or	0.0	Hythe ...		...	62	49	b.b.c.	b.c.	5.4
Banff ...		...	62	49	cp	cp	4.3	Bexhill-on-Sea ...		...	63	50	b.c.	c.or	6.1
Harrogate ...		...	57	48	cp	cp	2.4	Eastbourne ...		...	64	52	b.b.c.	b.c.	7.5
Scarborough ...		...	58	52	cp	cp	2.3	Seaford ...		...	64	51	c.b.c.	c.b.c.	8.6
Skegness ...		...	59	50	cp	cp	3.0	Brighton ...		...	66	58	b.c.	b.c.	8.0
Douglas (I. of M.) ...		...	57	48	cp	cp	4.1	Worthing ...		...	66	58	b.c.	b.c.	8.0
Morecambe ...		...	59	50	cp	cp	4.1	Littlehampton ...		...	63	50	b.b.c.	b.c.	7.4
Blackpool ...		...	59	50	cp	cp	4.1	Bognor ...		...	64	51	b	b	8.3
Southport ...		...	59	50	cp	cp	4.1	Southsea ...		...	63	52	b.c.	b.c.	10.2
Buxton ...		...	51	45	cr	cr	0.9	Ryde ...		...	63	52	b	b	6.5
Leamington Spa ...		...	60	50	c.b.c.	c.b.c.	1.8	Ventnor ...		...	63	50	b	b	9.1
Malvern ...		...	60	48	c.b.c.	c.b.c.	4.5	Bournemouth ...		...	63	50	b.c.	b.c.	6.8
Rhyl ...		...	57	49	cp	cp	0.3	Penzance ...		...	63	50	b.c.	b.c.	6.8
Colwyn Bay ...		...	58	50	cp	cp	1.2	Weymouth ...		...	63	53	c.b.c.	c.b.c.	6.6
Llandudno ...		...	60	52	cp	cp	1.7	Exmouth ...		...	62	53	b.c.	b.c.	7.5
Betws-y-Coed ...		...	58	51	cp	cp	1.3	Teignmouth ...		...	61	54	c	c	5.2
Aberystwyth ...		...	58	51	cp	cp	1.3	Torquay ...		...	64	54	b.c.	b.c.	?
Tenby ...		...	63	49	c	c	1.0	Paignton ...		...	62	54	c.b.c.	c.b.c.	5.2
Cromer ...		...	61	50	c.o.c.	c.b.c.	3.6	Plymouth ...		...	62	54	cp	cp	6.0
Lowestoft ...		...	62	52	c	c	4.7	Falmouth ...		...	60	53	cp	cp	3.5
Felixstowe ...		...	62	51	cp	cp	3.2	Bude ...		...	59	53	cp	cp	2.6
Walton-on-Naze ...		...	65	52	cp	cp	4.0	Ilfracombe ...		...	61	52	b.c.	b.c.	4.0
Southend-on-Sea ...		...	65	52	cp	cp	4.0	Weston-super-Mare ...		...	61	52	b.c.	b.c.	4.0

## LONDON OBSERVATIONS.

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.															
	%	%	Hr.	° F.	° F.	° F.	mm. §					mm. §	° F.	° F.	° F.				Hr.
Greenwich (Royal Obsy.) ...	61	76	3.5	65	50	46	1	o.c.	c.op	o	Dublin to 4 p.m.	1	60	49	47	cq.o	cpq	cpq	*
City (Bunhill Row) ...	*	*	3.0	*	*	*	*	*	*	*	Darwen to 9 p.m.								
Westminster (St. James's Pk.)	71	80	3.6	62	51	47	1	o.bc.	od.p	o.bc.	Manchester	4	58	50	*	cr	op.c.	c	1.6
Camden Sq. (Brit. Rainfall)	~	70	2.2	66	50	48	2	-	cp	*	Birmingham "	2	59	48	43	*	c	cr	3.4
Hampstead (Reservoir) ...	*	75	1.9	61	48	46	1	cp	cp	op.	Oxford to 8 p.m.	*	62	49	46	bq.c.	c.o.	cr.c.	*
Richmond Park ...	*	*		VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.															
Kew. (See front page.)				Total.		Average Rate.		Max. Rate.											
S. Kensington (Roof of M.O.)	-	80	3.4	1296 joules		23.0 Milliwatts.		80.0 Milliwatts.											

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

27th & 28th July, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.5	G.M.T. 11.59	G.M.T. 7.52
Greenwich ...	4.5	11.59	7.51
Wick ...	4.17	12.6	7.55
Valencia ...	4.56	12.47	8.39

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 65° at a few places in the south-east of England, but remained below 60° in many parts of the Kingdom. Rain fell very generally, but the quantity was not as a rule large. Over the Kingdom as a whole there was little bright sunshine, but in some places over southern England several hours were 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; 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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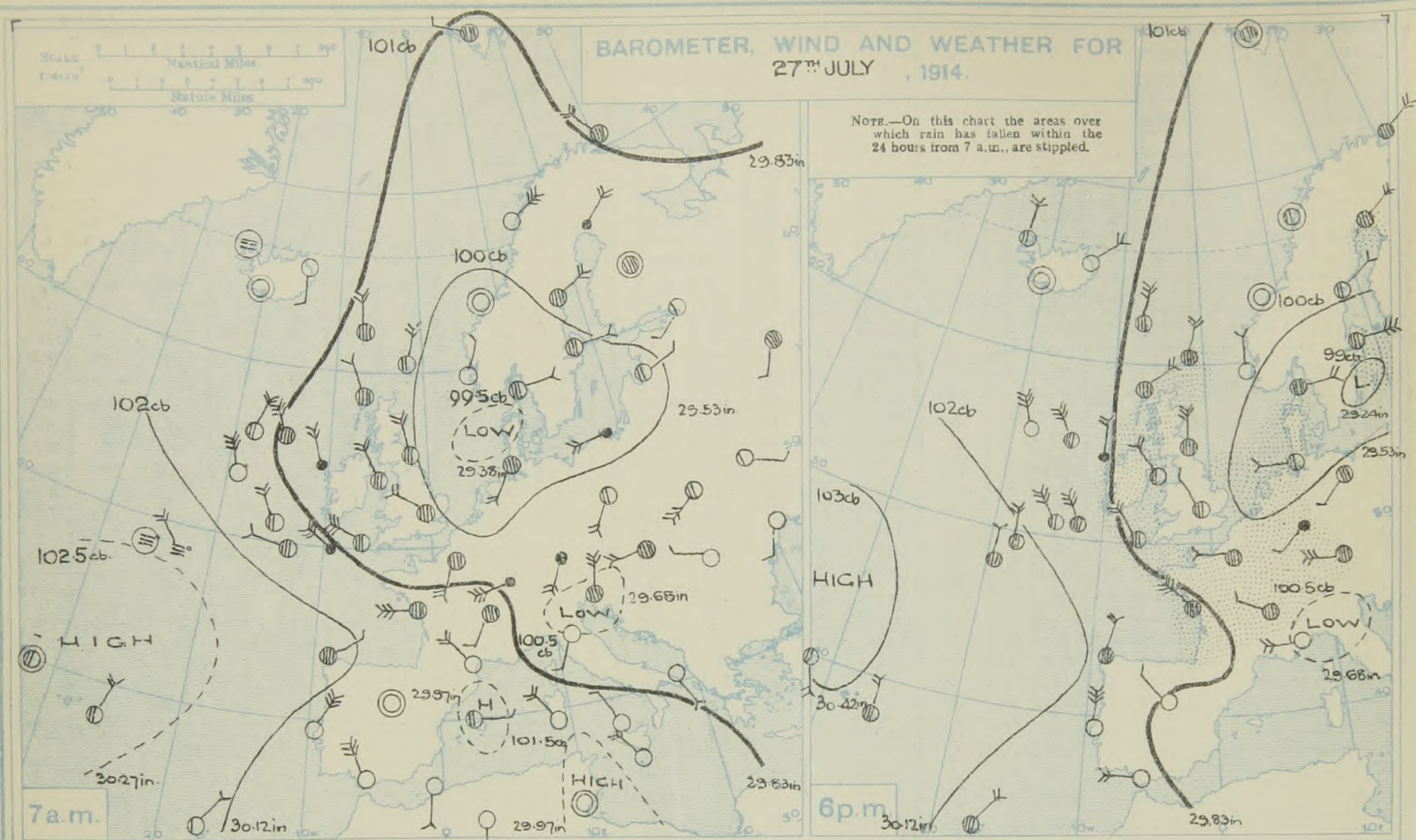


# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,  
28th July, 1914.

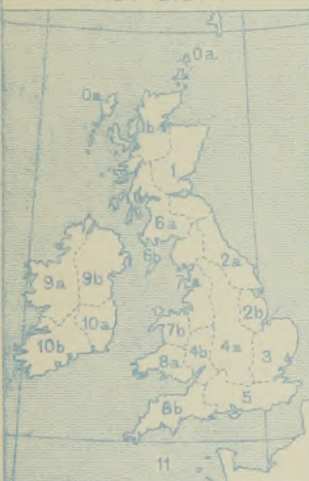
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.
		Barom. Milli- bars at M.S.L.	Temp. °F.	Wind.		Weather.	Barom. Milli- bars at M.S.L.	Change in 24 hours.	Temp. Dry Bulb. °F.	Change in 24 hours.	Wind.		Direc. of Upper Cloud.	Weather.	Sea 0-3.	Rain- fall. Milli- metres.	Temp.		Weather.			
				Dir.	Force 0-12.						Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																						
Lerwick ...	1004.6	55	NNE	4	0	1007.6	+2	53	-1	NNE	4	1	1	bcp	3	4	60	52	bc	bc op	ed	0.3
Stornoway ...	1006.8	55	NE	3	0	1010.1	+3	52	0	NE	4	1	1	0	3	0.4	57	51	odp	bc odp	edp	0.1
Castlebay (Barra Isd.)	1007.0	52	NNW	3	odp	1009.3	+1	55	+3	NNW	3	1	1	0	3	1	57	52	o.c.o	odp	dp.c.o	7.6
Glasgow ...	1004.4	61	WSW	1	bc	1008.1	+2	51	+3	1	0	0	1	c	1	1	65	46	b.b.c	o.c'bc	c.o.b'bc	6.1
Eskdalemuir ...	1004.5	59	NNE	1	bc	1007.6	+1	54	+1	NNE	2	1	1	bc	1	1	62	45	bc.o'bc	o.c	c.o'bc	3.5
Malin Head ...	1006.9	55	NNW	3	c	1008.3	+2	54	+2	NW	3	1	1	0	1	1	57	51	cu	cu	op	0.2
Blackrod Point	1010.3	54	N	3	omr	1011.4	+1	53	0	N	4	1	1	orm	4	3	61	51	cmp	cmp	omr	0.2
Valencia ...	1011.5	54	NW	4	om	1011.5	+1	54	+1	NW	4	1	1	0	4	1	58	52	op	op	op	0.2
SCOTLAND.																						
Roche's Point	1009.2	59	NNW	3	0	1010.2	0	54	+2	N	3	1	1	0	2	0.2	60	52	o.c.og	ogp	op	0.3
Birr Castle ...	1008.2	57	NW	2	0	1009.2	0	53	+2	NW	2	1	1	0	1	2	60	51	0	op	op	0.3
Donaghadee ...	1006.5	56	N	3	bcp	1008.3	+2	55	+2	N	2	1	1	c	2	1	61	53	bc	bcp	cg.b'bc	0.2
Liverpool (Bidston)	1004.3	57	WNW	4	bc	1007.0	+3	56	+3	WNW	3	1	1	0	2	1	60	53	p.c.b	b	c.o	12.3
Holyhead ...	1007.1	57	NW	3	bc	1008.5	0	56	+4	NNW	2	1	1	c	1	0.2	61	52	bc	bc	bc.c	8.6
Pembroke (St. Ann's)	1008.0	56	WNW	2	c	1007.5	0	54	+3	N	1	1	1	cg	1	0.2	59	51	om	ogp	c	0.2
Newquay ...	1007.4	58	NW	4	op	1007.3	0	58	+1	NW	2	1	1	0	3	1	59	54	c'g	c'g	op	0.4
IRELAND.																						
Scilly (St. Mary's)	1008.8	58	NW	4	c'g	1008.3	-1	55	+2	NNW	3	1	1	omr	4	1	60	52	c'g	c'g	op	0.4
Jersey (St. Aubin)	1007.6	58	N	4	0	1007.0	0	58	+5	NW	2	1	1	om	1	1	61	52	o.c	c'g	c.o	1.3
Portland Bill ...	1005.5	60	N	4	c	1009.1	0	57	+3	NE	1	1	1	c	2	1	60	53	o.c	c	c.b'c	0.2
Dungeness ...	1003.5	62	N	3	bc	1005.5	+1	56	+4	NW	2	1	1	0	2	1	63	52	o.c.o	c.b'c	bc.o	0.2
Dover ...	1003.6	59	NNW	3	0	1005.4	0	57	+4	NW	3	1	1	0	3	Trace	61	51	o.c	c.b'p.o	o.c.o	1.7
ENGLAND.																						
Wick ...	1005.0	55	NNW	2	0	1008.1	+2	54	+3	NNW	3	1	1	0	3	0.2	56	51	om	om	om	0.8
Nairn ...	1005.4	60	0	0	bc	1008.6	0	52	0	0	0	0	0	cdm	1	1	60	49	c.b'c	bc	cdm	1.8
Aberdeen ...	1004.8	58	NNW	3	0	1007.2	+2	54	+1	NW	2	1	1	0	2	0.2	62	53	c.b'c.o	bc.o	o.c'op	3.1
Leith ...	1004.5	62	SSE	2	b	1007.5	+2	55	+4	N	1	1	1	b'g	1	1	64	50	c.o.c	c.b'c	bc.b	0.2
Tynemouth ...	1004.0	61	N	5	0	1006.8	+1	55	+2	NNW	2	1	1	bc	1	1	61	50	bc	og	bc	1.1
Spurn Head ...	1002.6	57	NNW	5	c	1005.8	+1	55	0	NNW	5	1	1	b'g	5	1	62	51	c'g	ogp	0	0.8
SCOTLAND.																						
Yarmouth ...	1001.6	56	WNW	3	cp	1004.2	+3	57	+6	NW	3	1	1	cp	2	5	61	51	c'omr	omr.c'p	cp	1.4
Clacton-on-Sea ...	1002.7	55	WNW	2	c	1004.7	+1	56	+3	WNW	3	1	1	NW	0	2	64	52	o.c	cp	c.o	1.1
Nottingham ...	1003.9	59	N	2	0	1006.6	0	56	+3	NNW	1	1	1	om	1	1	62	53	c.o	cdm	0	2.6
Bath ...	1005.1	62	WNW	2	bc	1007.8	0	56	+4	NE	1	1	1	c	1	1	64	46	o.b'c	bc	d.o.b'c	1.3
London (Kew Obs.)	1004.0	63	NW	1	c	1006.7	+1	55	+3	N	1	1	1	om	1	1	64	52	c.b'c.o'cu	cu.o.c'bc	bc.om	3.2
SCOTLAND.																						
Spitzbergen ...	1006.6	40	0	0	0	1003.9	-2	39	-1	NW	4	1	1	0	1	1	43	36	0	0	0	0.2
Isafjord ...	1017.6	48	N	4	bc	1016.8	-1	48	+4	0	0	0	0	0	1	1	43	36	0	0	0	0.2
Reykjavik ...	1018.3	57	0	0	b	1019.3	0	49	-1	1	0	0	0	0	1	1	43	36	0	0	0	0.2
Vestmanna ...	1017.0	54	0	0	b	1017.7	+1	47	-1	1	0	0	0	0	1	1	43	36	0	0	0	0.2
Seydisfjord ...	1017.5	54	NE	3	b	1015.9	0	44	-3	1	0	0	0	0	1	1	43	36	0	0	0	0.2
Thorshavn ...	1009.7	52	NNE	5	c	1013.6	+1	47	-3	NNE	2	1	1	bc	1	1	43	36	0	0	0	0.2
NORTHERN EUROPE.																						
Vardö ...	1008.4	45	ENE	2	0	1006.1	-1	48	+3	SSE	4	1	1	c	3	1	48	41	0	0	0	0.2
Bodö ...	1003.7	59	0	0	bc	1003.3	0	52	-3	S	1	1	1	0	0	1	63	52	0	0	0	0.2
Christiansund ...	1001.5	66	0	0	b	1004.3	+2	59	0	1	0	0	1	f	2	1	66	55	0	0	0	0.2
Skudesnaes ...	1000.6	63	N	2	b	1000.4	0	64	+3	NNE	2	1	1	b	1	1	72	54	0	0	0	0.2
Færder (X'ania Fjord)	999.4	64	SSE	1	0	997.1	+2	64	+5	NNE	6	1	1	bc	2	1	66	57	0	0	0	0.2
The Scaw (Skagen)	998.0	64	E	3	0	992.8	-1	63	+2	NNE	7	1	1	0	5	1	66	57	0	0	0	0.2
Blaavands Huk ...	997.5	64	N	1	b	996.4	-2	55	-4	NNW	2	1	1	r	2	3	64	54	0	0	0	0.2
CENTRAL EUROPE.																						
Haparanda ...	1005.5	52	NE	4	0	1001.9	0	50	+2	NNE	2	1	1	0	1	5	54	48	0	0	0	0.2
Hernösand ...	1003.8	59	NE	2	bc	1002.6	0	59	+2	N	2	1	1	c	1	1	63	54	0	0	0	0.2
Stockholm ...	996.3	66	E	6	c	996.8	+2	61	-5	ENE	2	1	1	0	1	1	70	59	0	0	0	0.2
Wisby ...	988.2	63	ENE	6	c	995.1	+5	59	-4	SSE	2	1	1	c	1	1	70	55	0	0	0	0.2
Karlstad ...	996.8	63	N	4	0	997.0	+1	64	+1	ENE	8	1	1	0	1	1	70	57	0	0	0	0.2
St. Petersburg ...	1004.4	61	SW	1	c	1000.6	0	55	0	W	3	1	1	c	1	1	66	48	0	0	0	0.2
SOUTHERN EUROPE.																						
Berlin ...	1002.7	54	SW	1	r	1005.1	0	54	0	SW	4	1	1	0	1	1	57	48	0	0	0	0.2
Frankfurt ...	1005.6	54	N	5	0	1007.5	+1	52	0	WSW	6	1	1	0	1	1	59	46	0	0	0	0.2
Munich ...	1005.6	54	N	5	0	1007.5	+1	52	0	WSW	6	1	1	0	1	1	59	46	0	0	0	0.2
Vienna ...	1005.6	54	N	5	0	1007.5	+1	52	0	WSW	6	1	1	0	1	1	59	46	0	0	0	0.2
Cuxhaven ...	998.7	59	N	2	bc	997.5	+1	57	+3	WSW	3	1	1	0	1	1	63	54	0	0	0	0.2
The Helder ...	999.3	57	WSW	2	c	1000.7	+2	61	+6	NNW	2	1	1	c	2	3	61	54	0	0	0	0.2
Brussels ...	1003.8	54	WSW	1	bc	1003.8	+1	54	+2	WNW	1	1	1	bc	1	1	59	50	0	0	0	0.2
FRANCE.																						
C. Gris Nez ...	1003.3	60	N	5	bc	1005.3	+1	58	+4	WNW	4	1	1	c	3	1	63	54	0	0	0	0.2
La Hève ...	1007.4	54	NNW	5	0	1007.1	0	58	+1	NNW	3	1	1	0	3	2	59	50	0	0	0	0.2
Ushant ...	1009.5	58	NW	3	0	1009.5	0	55	+1	N	2	1	1	0	3	2	59	50	0	0	0	0.2
Brest (St. Mathieu)	1011.3	57	NW	4	0	1010.1	0	55	+1	NNW	3	1	1	0	3	2	61	50	0	0	0	0.2
Rochefort (Île d'Aix)	1011.5	60	NW	6	0	1010.3	0	59	0	WNW	3	1	1	0	3	2	64	57	0	0		





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

FURTHER OUTLOOK.

0 { a }  
b } Light Northerly breezes; cool, cloudy, local showers.

1 { a }  
2 { a }  
b } Light or moderate breezes, chiefly North-Westerly; mostly fair, but slight local showers; remaining cool.

3 { a }  
4 { a }  
b } Light or moderate North-Westerly winds; cool, cloudy, local showers.

5 { a }  
6 { a }  
b } Moderate North-Westerly winds and a slight or moderate sea; cool, changeable, some showers, local mists.

Millibars.

1050

1040

1030

1020

1010

1000

990

980

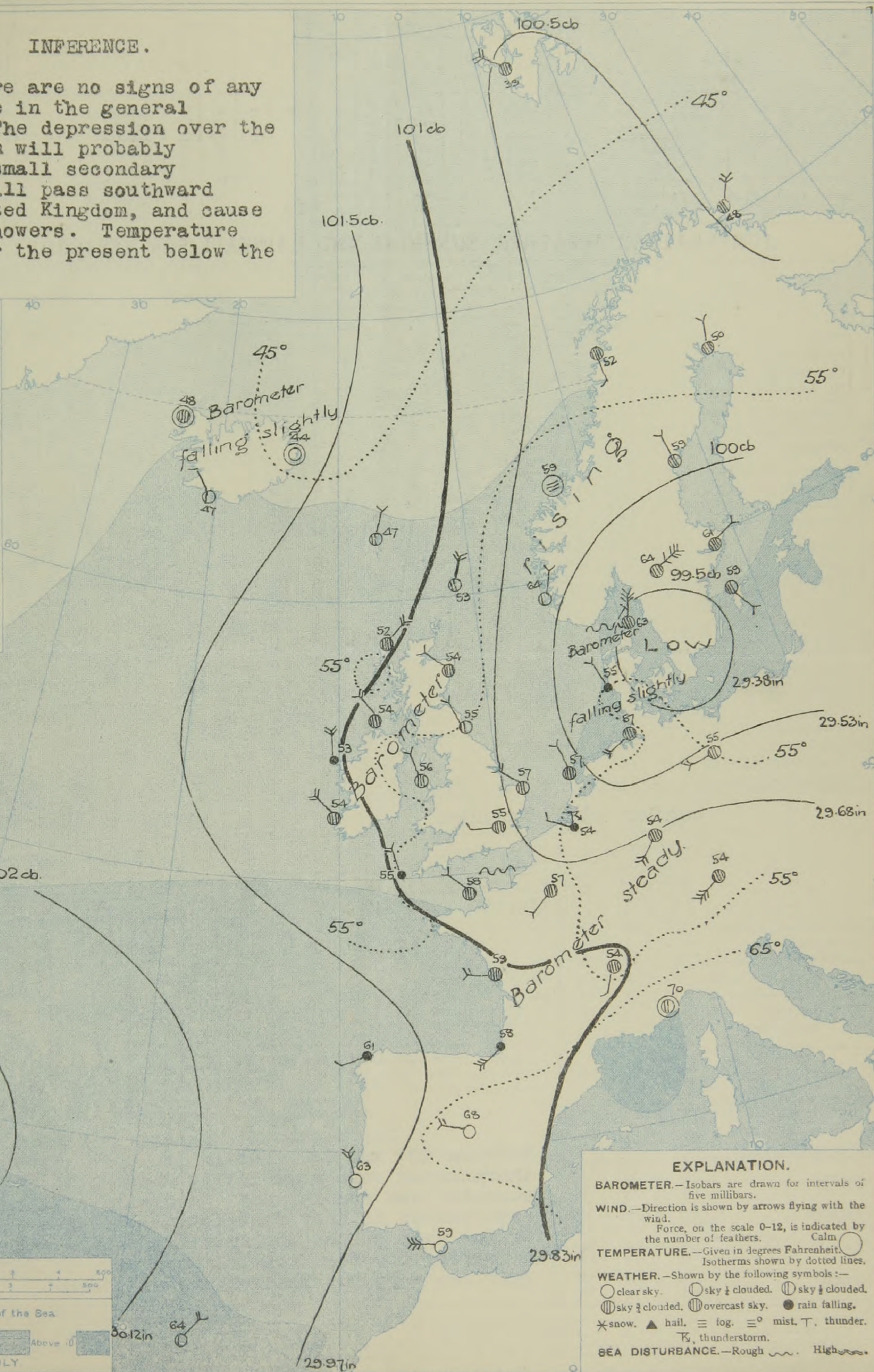
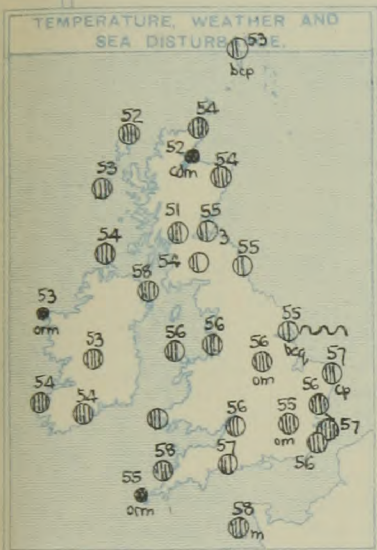
970



# SYNOPTIC CHART FOR 7 a.m., TUESDAY, 28<sup>TH</sup> JULY, 1914.

## GENERAL INFERENCE.

There are no signs of any material change in the general conditions. The depression over the south of Sweden will probably disperse, but small secondary disturbances will pass southward across the United Kingdom, and cause slight local showers. Temperature will remain for the present below the normal.



## 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.



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward H- Home- ward	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward H- Home- ward	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
28th, Jan.	50	14	Laconia	H	mb. 1014.9	-3	NE	(0-12)	c	27th, Jan.	48	25	Lusitania	O	mb. 1028.4	+2	-	(0-12)	m
27th, 10 p.m.	48	19	Laconia	H	1021.6	-1	NNE	1-3	c	"	48	24	Laconia	H	1024.0	+1	N	1-3	f
"	55	17	Barbican	O	1015.9	+3	NNW	6-7	b	"	48	22	Barbican	O	1023.7	+1	NW	4-5	m
"	55	15	Numidian	H	1015.9	-1	N	6-7	c	"	53	18	Columbia	O	1020.6	+4	NNW	6-7	b
"	55	13	Numidian	O	1008.8	-3	NW	6-7	c	"	53	18	Numidian	H	1019.3	-1	NNE	4-5	bc
"	50	13	Mount Royal	O	1015.2	+1	NW	6-7	bc	"	55	17	Scandinavian	O	1013.8	+5	NNW	4-5	b
"	49	12	Vaderland	O	1014.5	+2	NW	6-7	c	"	49	8	Vaderland	O	1008.4	-2	WNW	6-7	r
"	50	11	Lake Michigan	H	1013.2	-3	NW	6-7	c	28th	55	10	Numidian	H	1012.5	-1	N	6-7	c

## 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.	
Scotland.	Oban	mm. §	° F.	° F.	b. o.	b.	Hr.	Tunbridge Wells	mm. §	° F.	° F.	a. c. bc.	bc.	Hr.	
	Stonehaven	-	61	40	b. o.	b.	11.0	Margate	-	63	51	c. bc. c.	bc. c.	2.4	
	Carnoustie	-	64	47	bc	bc	7.3	Ramsgate	-	62	47	o	o	2.3	
	St. Andrews	1	61	50	*	*	7.2	Folkestone	-	61	50	bc. c.	o	1.5	
	Barry	1	51	51	bc. c.	o. bc. o.	0.3	Hythe	-	66	48	bc	bc	4.2	
Eng., N.E.	Harrogate	1	61	47	bc. c.	c.	3.1	Littlestone	-	*	*	*	*	2.3	
	Scarborough	*	59	50	o. c.	o. c.	0.0	Hastings	-	63	49	bc. o.	o. bc.	2.4	
	Skegness	2	60	50	cp	c. og.	1.1	Bexhill-on-Sea	-	63	50	bc	b	3.1	
Eng., N.W.	Douglas (I. of M.)	1	63	48	b	b	12.0	Eastbourne	-	62	52	bc	bc	2.9	
	Morecambe	-	62	51	b. bc.	bc. b.	7.4	Seaford	-	63	52	o	o. c.	1.5	
	Blackpool	1	60	51	bc	c	7.5	Brighton	-	63	51	c. bc.	bc. c.	2.6	
	Southport	1	61	51	b. bc. b.	c. bc. b.	11.5	Worthing	0.3	65	53	c. bc.	c. bc. c.	1.9	
Mid-lands.	Buxton	5	57	46	bc. r.	bc.	3.1	Littlehampton	0.3	65	53	c. bc.	c. bc. c.	1.9	
	Leamington Spa	-	62	49	c. b.	c. b. o.	3.2	Bognor	-	63	51	c.	o	1.7	
	Malvern	-	65	49	bc	bc	3.6	Southsea	2	63	52	c	o	0.8	
Wales.	Rhyl	5	59	50	bc. o. bc.	bc.	10.0	Ryde	1	63	50	c	o	1.0	
	Colwyn Bay	9	61	50	bc. b.	b.	10.3	Ventnor	2	61	50	o	o	0.8	
	Llandudno	7	63	51	b	b	10.3	Bournemouth	3	63	49	r. o.	c. o.	1.0	
	Bettws-y-Coed	-	61	48	bc	b	7.2	Penzance	3	64	51	p. bc.	bc.	3.2	
	Aberystwyth	3	60	52	r. o. c.	c. bc.	6.0	Weymouth	1	63	51	o. c.	p. c.	2.6	
England, E.	Tenby	1	62	54	b	bc	3.3	Exmouth	1	63	51	bc. bc.	c. o. b.	1.7	
	Cromer	15	60	50	c.	bc. op. u.	1.5	Teignmouth	0.3	65	52	cp. c.	c.	1.4	
	Lowestoft	2	62	51	c. o. c.	c. op. c. o.	2.0	Torquay	0.3	64	51	o	c. o.	1.2	
	Felixstowe	0.3	65	52	o	bc. p.	2.4	Paignton	1	63	51	cp	cp	1.0	
	Walton-on-Naze	1	64	50	o	o. bc. p.	1.3	Plymouth	5	63	51	c. bp.	cp	4.2	
	Southend-on-Sea	-	64	51	o. bc.	o. bc. o.	1.8	Falmouth	1	63	50	o. c. o.	cp	2.9	
England, S.E.								Bude	3	61	54	c. bc.	bc. c.	6.1	
								Ilfracombe	4	61	52	o. c. bc.	bc. c.	3.5	
England, S.W.								Weston-super-Mare	-	62	51	c. bc.	c.	0.1	

## 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 Obsy.) ...	58	65	3.1	60	55	51	-	c	c. o.	c. o.
City (Bunhill Row) ...	*	*	3.8	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	60	63	3.6	66	56	54	-	o. bc.	o.	o. bc.
Camden Sq. (Brit. Rainfall)	57	61	4.9	68	54	52	-	c	c. o. c.	*
Hampstead (Reservoir) ...	*	67	4.2	64	53	50	-	c	cp	c.
Richmond Park	*	*	3.2							
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
				Total.		Average Rate.		Max. Rate.		
				1203 Joules		21.4 Milliwatts.		85.0 Milliwatts.		
S. Kensington (Roof of M.O.)	64	60	3.8							

## 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.	3	61	49	48	r. o. c.	o. c.	o. c.	*
Darwen to 9 p.m.	2	63	46	44	c. o. u. bc.	bc.	bc.	6.5
Manchester "	-	62	48	*	o. c.	c.	c.	2.0
Birmingham "	-	63	48	43	c.	c.	c.	4.6
Oxford to 8 p.m.	*	64	49	48	c. u. p. c.	c. o.	o. c. bc.	*
S. Kensington								
(Museum Grounds to 6 p.m.)	0.3	65	51	46	o. c.	o. o. g.	o. o. c.	*

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

	28th & 29th July, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T.	G.M.T.	G.M.T.	
	4.6	11.59	7.51	
	4.7	11.59	7.50	
Greenwich	4.18	12.6	7.50	
	4.20	12.6	7.52	
Wick	3.55	12.18	8.41	
	3.57	12.18	8.39	
Valencia	4.57	12.47	8.38	
	4.58	12.47	8.37	

## NOTES ON YESTERDAY'S WEATHER.

The maximum temperatures ranged in most districts between 60° and 65°, but in the north of Scotland the thermometer rose very little above 55°. The amount of bright sunshine was mostly small, and slight falls of rain were experienced in many districts. Wireless reports show that as far west as the 25th meridian ships experienced moderate to strong breezes from the Northward or North-Westward, with fair weather, but mist or fog in places.

\* 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.

Wednesday,  
29th July, 1914.

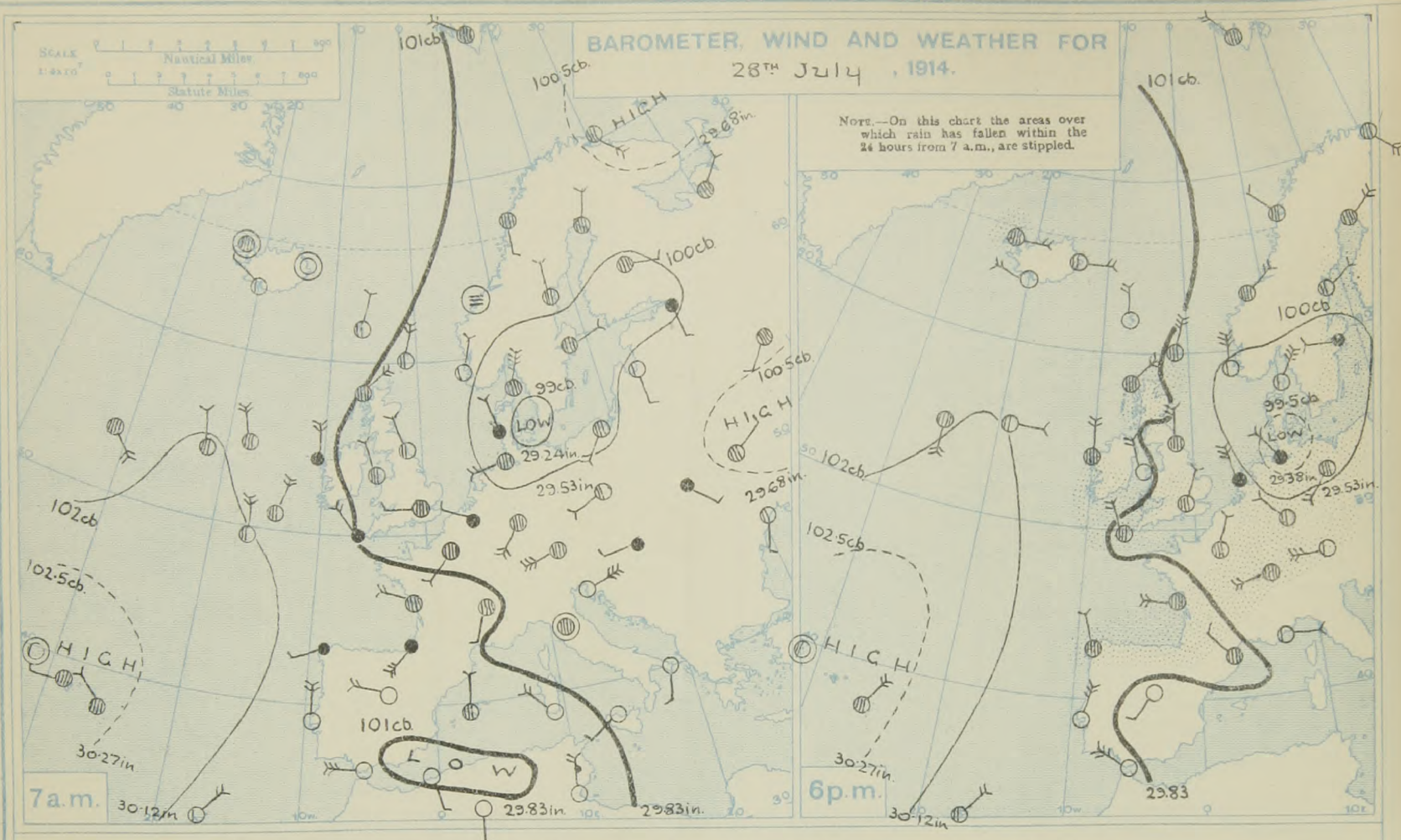
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.	
	Barom. Milli- bars at M.S.L.	Temp. °F.	WIND		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea (0-9).	Rain- fall, Milli- metres.	TEMP.		WEATHER.				
			Direc.	Force 0-12.						Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	1009.7	54	NNE	5	c	1013.4	+4	49	-4	N	5	-	o	4	?	57	48	c	cm	o	*
	Stornoway ...	1013.7	53	NE	4	o	1016.9	+2	51	-1	NE	4	-	o	4	0.4	56	48	odp.c	c.odp	o	0.0
	Castlebay (Barra Isd.)	1012.2	55	NNW	3	c	1015.9	+2	51	-4	NNE	3	-	dm	3	0.1	60	51	o.c	c.o.c	c.odm	3.5
	Glasgow ...	1009.6	64	-	o	c	1014.2	+2	49	-2	-	o	NW	bc	*	Trace	68	47	dp.bc.c	o.c.bc.c	c.bc.m	4.7
	Eskdalemuir ...	1009.5	60	NE	2	c	1013.9	+2	52	-2	-	o	N	o	*	-	63	45	bc.oq	o.cq	oq	4.4
	Malin Head ...	1011.5	55	NNE	2	bc	1015.0	+2	53	-1	NNE	3	N	c	2	-	58	52	bc.m	bc.m	bc	1.1
	Blacksod Point ...	1013.5	56	N	4	omp	1016.9	+2	54	+1	NE	3	NE	om	3	1	59	52	omp	omp	opm	*
	Valencia ...	1013.5	57	NW	4	c	1015.6	+3	58	+4	NNE	1	N	bc	3	1	59	53	cp	c	bc	0.9
	Roche's Point ...	1011.7	61	NNW	3	c	1014.8	*	55	+1	N	3	E	c	2	Trace	64	54	opg	og.c	c	*
	Birr Castle ...	1010.8	62	N	1	c	1015.1	*	54	+1	NW	1	NW	c	*	0.4	64	50	op	c	c	1.9
	Donaghadee ...	1010.4	60	NNW	3	by	1014.0	+2	55	o	NW	2	-	cg	2	-	62	51	bc	bc	bc, cg	*
	Liverpool (Bidston)	1009.5	60	WNW	2	b	1013.3	+2	55	-1	SW	1	-	om	1	1.6	62	54	c.bc	bc	om	7.3
	Holyhead ...	1010.8	59	NNW	3	b	1014.5	+2	57	+1	NNW	3	-	bc	2	-	62	55	o.bc.bc	b.bc.b	bc, bc	8.8
	Pembroke (St. Ann's)	1010.3	57	NE	2	c	1012.9	+1	55	+1	NE	2	-	bc	1	0.4	62	50	cg	cg	cp	0.3
	Newquay ...	1009.1	60	NNW	3	bc	1012.5	+2	58	o	NNW	2	N	bc	2	1	62	53	cp.bc	bc	bc, bc	1.6
ICELAND, FAEROE, &c.	Scilly (St. Mary's)	1009.4	60	NNW	3	c	1012.6	+2	57	+2	-	o	N	bc	0	0.3	62	53	o.c	c	bc, cv	2.9
	Jersey (St. Aubin)	1008.6	62	W	3	c	1012.2	*	63	+5	WNW	2	-	c	1	Trace	64	50	bc.c	c.op.c	o, bc, m	5.5
	Portland Bill ...	1008.8	61	N	2	c	1012.7	+2	59	+2	NE	2	-	c	2	-	63	55	bc.c	bc.c	c	*
	Dungeness ...	1007.4	61	WSW	2	bc	1010.9	+2	56	o	NNE	1	-	bc	1	5	66	49	o.bc.c	c, bc.c	bc, bc	*
	Dover ...	1007.6	63	N	2	bc	1010.9	*	57	o	NW	4	N	bc	2	-	68	49	o.c	c, bc	bc, bc	2.3
	Wick ...	1011.4	55	NW	3	o	1014.8	+3	51	-3	N	3	-	o	4	0.4	57	49	o	om, dg	om, dg	*
	Nairn ...	1012.1	56	NE	1	ou	1015.9	*	51	-1	-	o	-	cg	1	1	59	49	d. cg	bc.c	c, o	0.1
	Aberdeen ...	1010.2	56	NNW	4	o	1013.8	+2	52	-2	NNW	3	-	o	2	0.2	59	50	o	c, o	op	0.4
	Leith ...	1010.3	61	E	2	bc	1013.7	+3	55	o	NW	1	-	bc, bc	*	-	65	52	c, o, bc	bc	c	*
	Tynemouth ...	1009.0	56	N	3	o	1012.8	+3	54	-1	NNW	4	NW	c	5	-	59	53	bc	bc	cm, g	1.4
	Spurn Head ...	1009.2	60	N	4	bc	1010.6	+2	55	o	NW	5	-	op	4	Trace	61	53	c	bc	bc, c	6.4
	Yarmouth ...	1007.2	60	NW	2	c	1010.2	+3	55	-2	W	2	NW	o	1	1	62	54	op	op, c	bc, o	3.9
	Clacton-on-Sea ...	1006.4	65	NNW	2	bc	1010.8	+3	54	-2	NW	2	N	c	1	-	68	49	o, bc	bc	bc, c	4.7
	Nottingham ...	1008.7	60	NNW	2	o	1012.8	*	55	-1	NE	2	N	om	*	3	67	53	o, c	c, o, r	o, c	3.0
	Bath ...	1008.4	62	E	1	bc	1013.5	*	54	-2	-	o	-	bc	*	1	69	46	bc	bc, r	o, bc	7.3
London (Kew Obsy.)	1008.2	64	NNE	2	cm	1012.5	+3	55	o	NNE	2	-	om	*	-	66	49	om, o, cm	om, cm	cm, bc, om	2.2	
NORTHERN EUROPE.	Spitzbergen ...	1005.1	40	NW	3	o	1007.1	+2	42	+3	SW	2	*	o	*	-	42	36				
	Isafjord ...	1015.3	50	E	3	o	1011.7	o	52	+4	SW	2	*	r	*	*	*	*				
	Reykjavik ...	1018.1	55	-	o	c	1016.0	-1	49	o	E	1	*	o	*	*	*	*				
	Vestmanna ...	1017.5	52	NNW	3	b	1016.6	o	46	-1	-	o	*	o	*	*	*	*				
	Seydisfjord ...	1014.1	61	E	3	bc	1013.5	o	46	+2	-	o	*	bc	*	*	*	*				
	Thorshavn ...	1015.9	58	N	3	b	1017.5	-1	49	+2	-	o	*	bc	*	*	*	*				
	Vardö ...	1005.0	49	SE	4	c	1005.0	o	48	o	NW	5	-	c	3	*	50	41				
	Bodö ...	1006.0	52	NW	1	c	1007.9	+1	50	-2	NW	2	-	c	2	-	52	46				
	Christiansund ...	1007.3	55	NE	3	bc	1009.3	+1	55	-4	NE	3	-	o	2	-	61	52				
	Skudesnaes ...	999.9	64	N	6	bc	1003.8	+2	64	o	-	o	-	bc	1	-	72	59				
	Færder (Xtania Fjord)	999.3	68	E	3	c	1004.2	+5	63	-1	E	2	-	c	1	-	70	61				
	The Scaw (Skagen)	999.4	63	NE	6	bc	1003.1	+3	63	o	E	2	NE	r	3	-	68	61				
	Blaavands Huk ...	999.0	64	NNE	3	bc	1000.7	+5	61	+6	NE	3	-	c	3	8	66	55				
	Haparanda ...	1000.4	50	NE	4	o	999.4	o	52	+2	NNE	4	-	r	*	3	54	46				
	Hernösand ...	1002.0	57	NE	2	bc	1004.7	+2	55	-4	NE	2	-	r	*	4	64	54				
Stockholm ...	999.9	59	W	2	r	1002.1	+2	61	o	N	2	-	o	*	11	68	55					
Wisby ...	999.9	63	SW	4	o	1003.7	+3	64	+5	NW	2	N	bc	*	2	68	54					
Karlstad ...	999.5	66	ENE	4	bc	1004.6	+3	61	-3	NE	2	-	-c	*	-	68	52					
St. Petersburg ...																						
CENTRAL EUROPE.	Berlin ...	1000.0	63	SW	3	c	998.9	-1	54	-1	S	2	-	o	*	2	64	54				
	Frankfurt ...	1004.6	59	NW	2	bc	1007.8	+2	54	o	SW	3	-	m	*	Trace	64	48				
	Munich ...	1006.7	57	W	5	b	1009.9	+1	57	+5	W	5	-	bc	*	2	61	48				
	Vienna ...																					
	Cuxhaven ...	994.6	61	NW	3	r	997.1	+3	61	+4	N	5	-	o	3	10	63	57				
	The Helder ...	1003.3	61	NNW	5	r	1000.0	+2	61	o	NW	5	-	o	5	6	63	57				
	Brussels ...						1009.5	+3	55	+1	NNW	1	-	o	*	32	63	52				
	C. Gris Nez ...	1007.3	61	WSW	3	c	1010.9	+3	59	+1	NNW	3	*	bc	2	-	70	57				
	La Hève ...	1010.1	58	NW	2	c	1012.0	*	56	-2	-	o	*	bc	o	-	66	54				
	Ushant ...	1009.3	58	NW	3	o	1012.2	*	56	+1	NW	1	*	c	3	-	63	50				
	Brest (St. Mathieu)	1011.0	57	NW	2	o	1012.8	+1	57	+2	N	3	*	c	1	-	66	55				
	Rochefort (Ile d'Aix)	1011.0	61	W	4	o	1012.0	+2	62	+3	WSW	3	*	c	*	1	66	57				

## RAINFALL.

Equivalents of Millimeters  
in Inches.

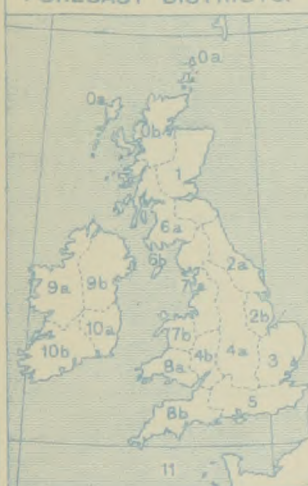
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.36	34	1.34
10	0.39	35	1.3





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.

South Coast.

North Coast.

Signals hoisted this morning.

South Coast.

North Coast.

No

Warnings Issued.

Western Channel and Bay. 11

FURTHER OUTLOOK.

Northerly winds, light or moderate; cool, cloudy, slight local showers.

Light breezes, chiefly Northerly; fair generally; rather warmer.

Same as Nos. 3 to 5.

Light Northerly to North-Westerly breezes and a slight sea; fair generally, misty in places; rather warmer.

Millibars  
1050—31

1040—

1030—

1020—

1010—

1000—

990—

980—

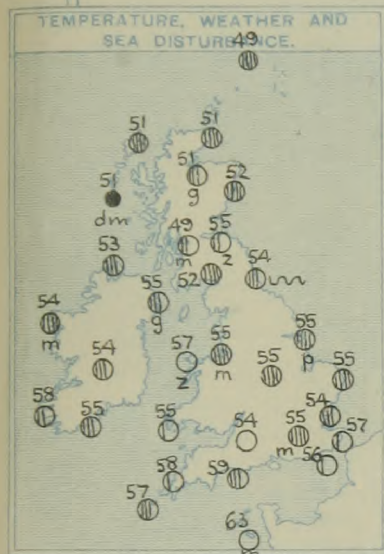
970—



# SYNOPTIC CHART FOR 7 a.m., Wednesday, 29<sup>th</sup> JULY, 1914.

## GENERAL INFERENCE.

The Atlantic anticyclone shows a continued tendency to spread eastward, but local irregularities in pressure will occasion a good deal of cloud in these islands, with showers in a few isolated districts.



W. Inches.

31

30

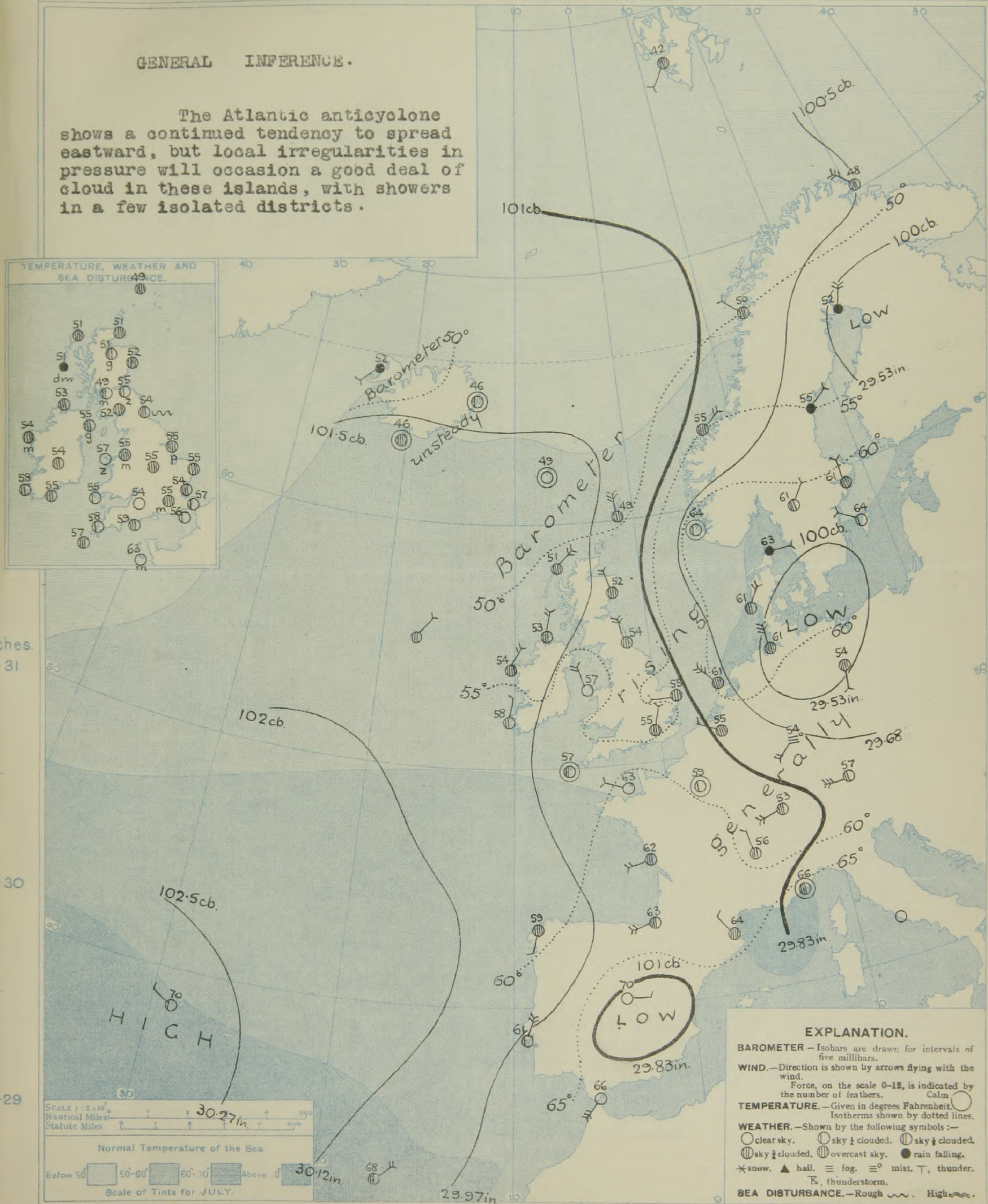
29

SCALE 1 : 2 x 10<sup>6</sup>  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea.

Below 50° 50°-60° 60°-70° Above 70°

Scale of Tints for JULY.



## 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 sea. High sea.



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H Inward. H	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H Inward. H	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
29th, 7 a.m.	55	17	Tunisian	H	1013.8	+1	NE	1-3	c.	28th, 7 a.m.	54	23	Tunisian	H	1014.5	-1	ENE	4-5	o
28th, 10 p.m.	54	25	Carthaginian	O	1014.9	0	SSE	4-5	bc	"	54	21	Carthaginian	O	1022.0	+2	NNW	1-3	c.
"	54	22	Canada	O	1020.3	-1	W	1-3	b.	"	55	18	Canada	O	1018.6	+2	NNW	4-5	bc.
"	55	19	Tunisian	H	1014.9	+2	E	1-3	bc	"	49	17	Nederland	O	1020.3	+1	M	4-5	bc.
" 7 a.m.	53	30	Scandinavian	O	1015.5	-1	SE	4-5	o	"	50	16	Mount Royal	O	1017.6	0	NNW	4-5	b

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

STATIONS.	Rainfall. mm. & in.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall. mm. & in.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		° F.	° F.			Hr.	Tonbridge Wells		° F.	° F.			Hr.
Oban	—	67	45	b	b	9.0	Margate	0.3	66	54	c-b-c.	b	6.6
Stonehaven	—	61	51	cg	cg	0.7	Ramsgate	2	67	53	o	b	6.3
Carnoustie	—	67	47	c	c	4.1	Folkestone	—	68	54	c-b-c.	bc-b.	2.1
St. Andrews	—	63	47	o-b-c.	bc.	4.0	Hythe	—	68	53	o	bc.	3.0
Banff	—	59	52	c-b-c.	bc-b.	2.2	Littlestone	—	—	—	—	—	2.2
Harrogate	—	64	50	o-c.	bc-b.	4.5	Hastings	2	67	52	o	c-o-b-c.	1.2
Scarborough	—	62	51	c-b.	o-c.	2.7	Bexhill-on-Sea	1	67	51	bc	or	1.0
Skegness	1	62	52	bc-c-o.	og-b.	7.2	Eastbourne	—	66	53	om	o-b-c-m.	2.0
Eng. N.E.							Seaford	—	65	49	c	c	0.6
Douglas (I. of M.)	—	64	50	o-b-c-b.	bc.	10.0	Brighton	—	69	51	o	c-o.	2.9
Morecambe	1	65	52	bc-p.	p-b-c.	5.0	Worthing	—	70	51	c.	c-b-c.	1.8
Blackpool	—	62	55	c-b-c.	c-b-c.	5.5	Littlehampton	0.3	69	47	—	—	3.4
Southport	—	61	55	bc	bc-b.	5.5	Bognor	—	61	49	bc.	bc	4.7
Mid. lands.							Southsea	—	66	52	bc-c.	c-o.	3.0
Buxton	—	57	45	bc-c.	c	1.0	Ryde	—	66	54	bc-c.	c	3.0
Leamington Spa	—	66	52	o-c-b.	c-b-o.	1.3	Ventnor	—	67	51	*	*	3.1
Malvern	—	66	55	bc	bc-c.	5.8	Bournemouth	—	68	49	c-o.	c-o.	3.0
Wales.							Penzance	—	64	57	o-b-c.	bc-c.	2.2
Rhyl	—	60	49	bc-o-b-c.	bc	7.0	Weymouth	—	60	51	c	bc-c.	4.0
Colwyn Bay	—	62	52	bc-b.	b	7.6	Exmouth	—	65	58	bc-b.	b-b-c.	5.5
Llandudno	—	64	54	b	bc	8.0	Teignmouth	—	66	50	bc	c	3.5
Bettws-y-Coed	—	63	44	bc	bc	5.8	Torquay	—	66	52	c	bc-c.	4.2
Aberystwyth	—	62	50	o-c.	c-b-c.	8.3	Paignton	—	65	50	bc	c	5.9
Tenby	4	63	47	or.	bc-b.	1.8	Plymouth	2	63	51	or	o	2.2
England, E.							Falmouth	1	66	56	or	o-c.	3.7
Cromer	—	60	56	c-b-c.	c-b-c-c.	2.1	Bude	—	63	55	c	bc-b.	8.2
Lowestoft	3	63	54	or-c.	c-o-c.	5.0	Ilfracombe	—	64	57	bc-b.	b	12.5
Felixstowe	1	67	51	bc	bc	9.4	Weston-super-Mare	—	65	51	c-b.	b-b-c.	6.0
Walton-on-Naze	0.3	67	52	o-c.	bc-c-c.	5.9							
Southend-on-Sea	—	68	54	o	bc-o.	2.5							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		Max.	Min.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.)	55	72	2.1	69	49	3.9	o-c.	o-c.	c-b-c-b.
City (Bunhill Row)	—	—	0.9	—	—	—	—	—	—
Westminster (St. James's Pk.)	60	71	1.8	68	51	4.6	cu-we.	c	bc-c.
Camden Sq. (Brit. Rainfall)	—	—	—	—	—	—	—	—	—
Hampstead (Reservoir)	—	74	1.9	66	52	4.3	c	c	c-b-c.
Richmond Park	—	—	1.9	—	—	—	—	—	—
Kew. (See front page.)	—	—	—	—	—	—	—	—	—
S. Kensington (Roof of M.O.)	63	76	1.7	125.4 Joules	22.3 Milliwatts.	7.9	0 Milliwatts.	—	—

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

29th & 30th July, 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.7	11.59	7.50
	4.8	11.59	7.49
Greenwich	4.20	12.6	7.52
	4.21	12.6	7.51
Wick	3.57	12.8	8.30
	3.59	12.8	8.37
Valencia	4.58	12.47	8.37
	4.59	12.47	8.36

## NOTES ON YESTERDAY'S WEATHER.

The temperature rose to 65° and upwards in many parts of England and the west of Scotland, and touched 70° at Worthing. The amount of bright sunshine was generally small, and slight showers occurred in many districts. Wireless reports show that as far west as the 21st meridian ships experienced moderate to fresh Northerly breezes and fair weather; further to the westward the wind was Southerly or South-easterly and the weather overcast.

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 Terminals in London.



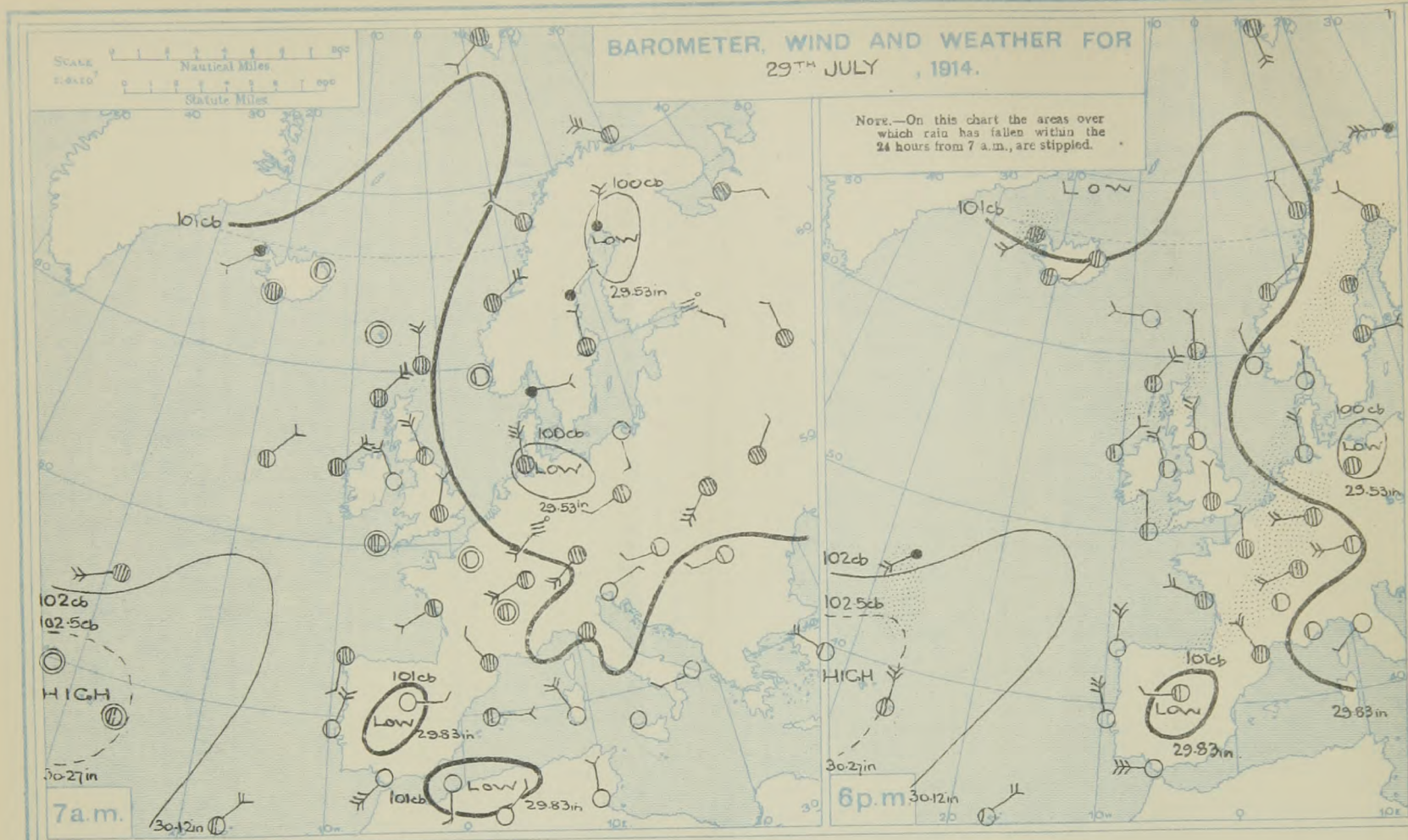
1914.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,  
30th July, 1914.

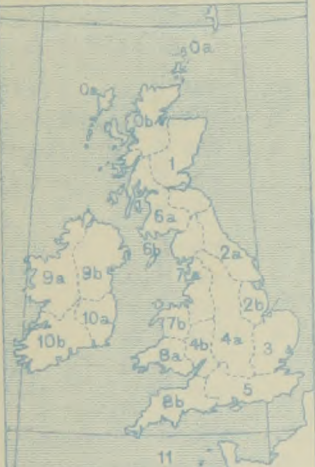
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.		
	BAROM. Milli- bars at M.S.L.	TEMP. °F.	WIND		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	TEMP. °F.	TEMP. °F.	WIND.	Force 0-12.	Dir.	Force 0-12.	Dir.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
			Dir.	Force 0-12.														Max.	Min.	Morning.		Afternoon.	Night.
BRITISH ISLANDS.																							
Lerwick ...	1015.5	52	N	3	bc	1016.8	0	51	+2	N	3	N	bc	3	?	56	48	bc	bc	bc	bc	*	
Stornoway ...	1019.0	52	NE	4	c	1017.7	-1	51	0	NE	2	-	o	2	-	37	47	o	o.c	o	o	3.8	
Castlebay (Barra Isd.)	1017.3	55	N	3	b	1016.1	0	53	+2	ENE	3	E	c	3	0.1	57	50	dm.c.o	bc.b	bc	bc	5.9	
Glasgow ...	1015.5	62	ESE	1	o	1017.5	+1	52	+3	ENE	2	SW	o	*	-	65	48	o.c	o.c	bc.o.g	bc	1.9	
Eskdalemuir ...	1015.9	57	-	0	o	1018.0	0	50	-2	NNE	1	NW	o	*	-	58	45	og	og	o	o	0.1	
Malin Head ...	1016.9	55	NNW	1	c	1016.9	0	52	-1	SSW	2	SW	c	2	-	57	51	bc	bc	bc	bc	0.5	
Blacksod Point ...	1016.2	54	NE	2	bc	1016.7	0	54	0	SW	2	W	cy	2	-	58	52	om	om.bc	cy	cy	*	
Valencia ...	1016.9	61	WNW	3	b	1017.3	0	53	-5	-	0	-	om	3	-	65	52	b	b	c	c	12.8	
Roche's Point ...	1017.1	61	SSW	1	c	1018.4	*	54	-1	-	0	-	b	1	-	65	51	c.bc	bc.c	bc.bw	bc	*	
Birr Castle ...	1016.6	62	NW	1	o	1016.6	*	54	0	S	1	-	b	*	-	63	46	o	o	c.b	c.b	0.0	
Donaghadee ...	1016.4	59	N	3	bz	1017.4	0	52	-3	N	2	N	bc	2	-	62	48	bc	bc	bz	bz	*	
Liverpool (Bidston)	1014.9	62	NW	1	b	1017.0	+2	56	+1	SE	2	-	om	1	-	66	55	a.bc	b	bm	bm	8.9	
Holyhead ...	1016.5	60	NNW	3	bz	1018.4	+2	57	0	-	0	NW	cy	0	-	63	55	bf	bf.bm	b.bc.cw	b.bc.cw	11.9	
Pembroke (St. Ann's)	1015.9	59	NE	3	b	1017.6	0	54	-1	NE	2	-	f	1	-	65	52	bc	bc	bm	bm	12.3	
Newquay ...	1014.7	59	NNW	2	c	1017.2	+1	56	-2	-	0	-	of	2	-	60	47	br.otp	o	o.c	o.c	3.8	
Silly (St. Mary's)	1015.0	61	N	1	bc	1017.5	+2	59	+2	-	0	-	bmw	2	-	65	53	bc	bc	cm.b	cm.b	8.9	
Jersey (St. Aubin)	1013.4	65	NW	3	bc	1017.0	*	61	-2	NE	3	-	bm	1	-	67	57	b	bc	bc.bm	bc.bm	9.3	
Portland Bill ...	1013.7	63	N	1	c	1017.3	+3	57	-2	NE	2	-	org	2	-	67	55	c.bc	bc.c	c.org	c.org	*	
Dungeness ...	1012.9	62	NNE	3	c	1016.6	+3	53	-3	N	3	N	c	3	-	64	48	bc	bc	bc	bc	*	
Dover ...	1013.7	59	N	4	o	1016.5	*	56	-1	NNW	3	NW	bc	2	-	66	52	o.c	bc	o.c.bc	o.c.bc	6.3	
Wick ...	1016.8	51	NNW	4	o	1014.3	+1	50	-1	NE	2	-	bc	3	-	55	46	omg.om	om.o	omg.bc	omg.bc	*	
Nairn ...	1017.5	56	NNE	1	cg	1018.0	*	50	-1	NE	1	-	o	1	-	58	49	oe	o.c	og	og	1.1	
Aberdeen ...	1016.4	54	NNW	3	o	1017.8	+1	51	-1	NW	3	-	o	2	-	57	47	o	o	od.r.o	od.r.o	1.0	
Leith ...	1016.0	61	E	2	b	1017.6	+2	53	-2	E	3	-	o	*	-	62	49	bc.o.c	bc.o.c	c	c	*	
Tynemouth ...	1015.6	56	N	3	b	1017.4	0	53	-1	NNW	2	-	c	3	-	57	50	bc	bc	bc	bc	2.7	
Spurn Head ...	1014.4	57	N	5	c	1017.1	+1	54	-1	N	4	N	c	5	-	61	52	c	c	c	c	0.5	
Yarmouth ...	1013.4	58	NW	3	o	1016.3	+2	55	0	NW	2	-	o	1	-	62	53	o	o	o	o	1.1	
Clacton-on-Sea ...	1013.2	58	WNW	2	o	1016.6	+1	55	+1	NNW	2	N	c	1	-	62	52	c.o	o	o.c	o.c	0.0	
Nottingham ...	1015.2	58	NE	3	o	1017.9	*	54	-1	NE	1	NE	o	*	-	62	51	o	o.c	o.c	o.c	1.2	
Bath ...	1014.2	67	-	0	b	1018.3	*	55	+1	-	0	-	o	*	-	70	52	b	b	b.o	b.o	10.6	
London (Kew Obs.)	1014.6	60	N	2	o	1018.0	+2	53	-2	N	2	-	om	*	-	62	48	om.c.m.o	o	o.bc.om	o.bc.om	1.8	
ICELAND, FAEROE, &c.																							
Spitzbergen ...	1008.8	41	SSE	4	o	1009.0	0	41	-1	SSE	2	*	o	*	-	45	39	*	*	*	*	*	
Isafjord ...	1009.9	59	SW	3	o	1010.0	0	51	-1	-	0	*	bc	*	-	*	*	*	*	*	*	*	
Reykjavik ...	1013.5	57	SW	3	o	1010.9	0	52	+3	ESE	3	*	c	*	-	*	*	*	*	*	*	*	
Vestmanna ...	1014.9	53	SSW	1	c	1011.5	-1	48	+2	SW	3	*	o	1	-	*	*	*	*	*	*	*	
Seydisfjord ...	1016.1	66	SW	1	c	1016.6	-2	50	+4	-	0	*	o	*	-	*	*	*	*	*	*	*	
Thorshavn ...	1017.9	56	W	3	b	1017.2	0	50	+1	-	0	*	o	*	-	*	*	*	*	*	*	*	
NORTHERN EUROPE.																							
Vardö ...	1006.4	46	WNW	5	r	1007.5	0	48	0	NNW	5	-	r	4	-	*	48	45	*	*	*	*	
Bodö ...	1012.3	48	NNW	2	o	1013.1	0	48	-2	SW	1	-	o	1	-	50	46	*	*	*	*	*	
Christiansund ...	1014.1	55	NE	2	c	1014.9	0	54	-1	E	1	-	b	2	-	59	50	*	*	*	*	*	
Skudesnaes ...	1008.4	63	NNW	1	b	1011.0	+2	63	-1	S	1	-	b	1	-	70	57	*	*	*	*	*	
Færder (Xtania Fjord)	1006.9	64	WSW	2	bc	1011.3	+3	61	-2	NE	4	-	o	1	-	70	59	*	*	*	*	*	
The Scaw (Skagen)	1006.4	68	N	1	b	1010.1	+2	64	+1	NW	1	-	b	1	-	70	55	*	*	*	*	*	
Blaavands Huk ...	1006.4	66	NNW	1	c	1011.7	+3	61	0	N	1	-	c	2	-	68	52	*	*	*	*	*	
Haparanda ...	1004.4	55	NW	2	o	1007.4	+3	54	+2	N	6	-	c	*	-	59	50	*	*	*	*	*	
Hernösand ...	1006.3	59	-	0	o	1010.1	+3	55	0	NW	2	-	b	*	-	64	54	*	*	*	*	*	
Stockholm ...	1005.2	61	E	2	o	1008.2	+1	61	0	NNW	2	-	o	*	-	68	55	*	*	*	*	*	
Wisby ...	1005.3	64	N	2	bc	1008.0	0	62	-1	NNE	2	-	r	*	-	66	57	*	*	*	*	*	
Karlstad ...	1006.3	63	E	2	r	1010.6	+4	59	-2	NNE	6	-	b	*	-	72	52	*	*	*	*	*	
St. Petersburg ...	1004.2	70	N	1	c	1004.3	0	63	0	NW	1	-	bc	*	-	73	57	*	*	*	*	*	
CENTRAL EUROPE.																							
Berlin ...	999.8	61	-	0	o	1007.1	+5	57	+3	N	3	-	o	*	-	31	64	55	*	*	*	*	
Frankfurt ...	1010.6	63	W	2	c	1014.0	+3	57	+3	SW	2	-	m	*	-	1	63	50	*	*	*	*	
Munich ...	1012.6	54	W	4	bc	*	*	*	*	*	*	-	*	*	-	*	*	*	*	*	*	*	
Vienna ...	*	*	*	*	*	*	*	*	*	*	*	-	*	*	-	*	*	*	*	*	*	*	
Cuxhaven ...	1006.4	63	N	3	b	1011.1	+3	63	+2	NW	1	-	b	0	-	66	57	*	*	*	*	*	
The Helder ...	1010.0	61	NW	4	o	1013.1	+3	61	0	N	2	-	c	2	-	5	63	59	*	*	*	*	
Brussels ...	*	*	*	*	*	1015.0	+3	59	+4	NW	1	-	o	*	-	?	63	54	*	*	*	*	
FRANCE.																							
C. Gris Nez ...	1013.1	65	NNW	4	c	1016.0	+2	57	-2	NNW	4	-	c	3	-	66	55	*	*	*	*	*	
La Hève ...	1014.0	58	NE	3	m	1017.6	*	57	+1	NE	2	-	o	2	-	66	54	*	*	*	*	*	
Ushant ...	1013.2	58	N	2	c	1017.3	*	55	-1	NE	2	-	m	3	-	64	54	*	*	*	*	*	
Brest (St. Mathieu)	1015.1	61	N	3	bc	1018.9	+2	55	-2	N	3	-	bc	1	-	66	54	*	*	*	*	*	
Rochefort (Ile d'Aix)	1013.7	63	WNW	4	c	1016.2	+3	62	0	WNW	3	-	c	*	-	68	59	*	*	*	*	*	
Biarritz ...	1015.8	66	NW	3	c	1017.2	+3	64	+1	NW	3	-	c	3	-	68	59	*	*	*	*	*	
Paris ...	1012.4	64	NNE	2	o	1016.0	+2	57	-2	NE	2	-											





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.

**No Warnings Issued**

Western Channel and Bay. 11

FURTHER OUTLOOK.

- 0 } Light North-Easterly to variable breezes; fair generally, but misty in places; rather warmer.
- 1 }
- 2 } Light breezes, chiefly from the Northward or North-Westward; fair generally; becoming rather warmer.
- 3 }
- 4 } Light variable airs; fair generally, but misty in places; rather warmer.
- 5 }
- 6 }
- 7 }
- 8 } Light South-Westerly breezes; fair at first, cloudy later, with some rain; cool.
- 9 }
- 10 } Same as Nos. 6 to 8.
- 11 } Same as No. 9 a.
- 12 } Light variable breezes and a smooth sea; fair generally, but misty in places; rather warmer.

Fair Weather is likely to continue in all but our extreme western districts.

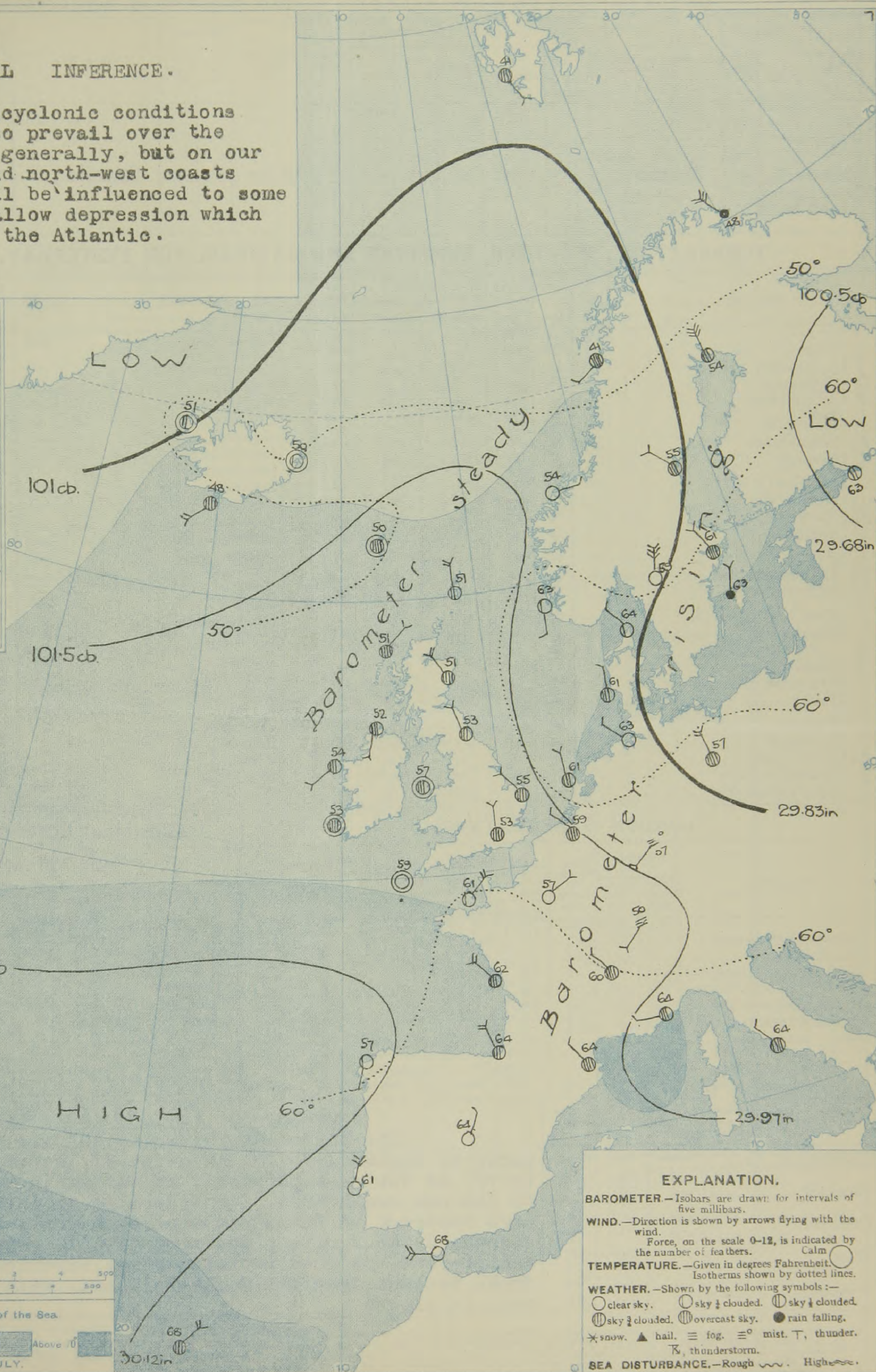
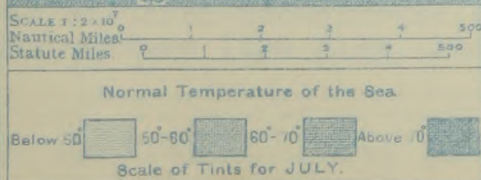
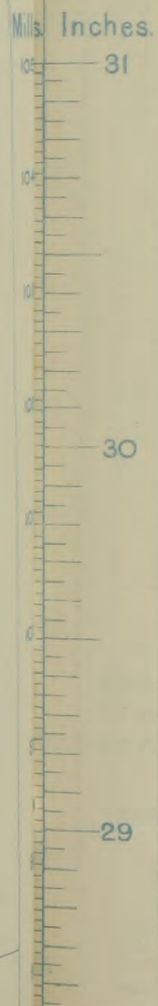
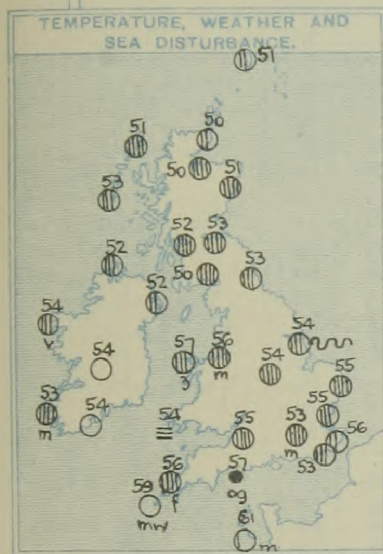
Millibars  
1050  
1040  
1030  
1020  
1010  
1000  
990  
980  
970



# SYNOPTIC CHART FOR 7 a.m., THURSDAY, 30<sup>TH</sup> JULY, 1914.

## GENERAL INFERENCE.

Anticyclonic conditions will continue to prevail over the United Kingdom generally, but on our extreme west and north-west coasts the weather will be influenced to some extent by a shallow depression which is moving over the Atlantic.



## 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 wavy. Highest.



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
29th, 6 p.m.	47	24	Philadelphia	H	1015.2	+3	SW	4-5	r	29th, 7 a.m.	46	29	Philadelphia	H	1014.9	-3	WSW	4-5	o

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	mm. §	° F.	° F.			Hr.	England, S.E.	Tanbridge Wells	mm. §	° F.	° F.			Hr.
	Stonehaven	-	68	45	bc. o.	b	6.0		Margate	-	63	57	b. bc.	bc. om.	4.3
	Carnoustie	-	61	50	c3	bc. c.	2.5		Ramsgate	-	65	53	b	bc. c.	4.0
	St. Andrews	-	66	43			8.2		Folkestone	-	65	53	bc. b.	bc. c.	9.2
	Harrogate	-	60	45	o	bc.	5.6		Hythe	-	66	48			6.0
Eng. N.E.	Scarborough	-	55	52	o. bc. o.	o	0.3	England, S.E.	Littlestone	-	66	53	*	*	11.5
	Skegness	-	58	53	o	bc.	0.6		Hastings	-	66	53	b. bc.	o. bc.	5.2
		-	62	55	c. bc. c.	og	2.0		Bexhill-on-Sea	-	67	51	bc	o	4.3
		-							Eastbourne	-	66	50	b. bc. o.	bc. m.	5.3
		-							Seaford	-	67	48	b	b	9.1
Eng. N.W.	Douglas (I. of M.)	-	64	49	c.	b	6.2	England, S.E.	Brighton	-	68	49	bc. c.	c. bc.	10.0
	Morecambe	-	64	50	bc. o.	bc. b.	3.1		Worthing	-	68	50	b	b	10.6
	Blackpool	-	64	49	c. o	bc. c.	6.6		Littlehampton	-	70	50	b. bc.	bc	11.1
	Southport	-	64	49	c. bc. b.	b	9.0		Bognor	-	68	50	b	b	9.2
		-							Southsea	-	68	50	b	b	11.3
Mid-lands.	Buxton	-	60	45	bc	bc	1.2	England, S.W.	Ryde	-	69	53	*	*	12.3
	Leamington Spa	-	64	48	o	o. c. b.	1.4		Ventnor	-	70	48	bc. b.	bc.	11.3
	Malvern	-	66	58	3	c3	6.5		Bournemouth	-	70	55	bc. c.	bc. c.	8.8
		-							Weymouth	-	70	50	bc. c.	c. o.	8.8
		-							Exmouth	-	69	53	b	b	4.7
Wales.	Rhyl	-	64	47	bc	bc.	10.2	England, S.W.	Teignmouth	-	67	52	b	bc	10.2
	Colwyn Bay	-	66	51	bc. b.	b	12.2		Torquay	-	67	52	b	b	10.2
	Llandudno	-	68	50	b	b	12.5		Paignton	-	66	52	b	ov. thr	6.3
	Bettws-y-Coed	-	63	49	c. b.	c. b. o.	10.0		Plymouth	-	67	51	bc. o.	blth. c.	7.4
	Aberystwyth	-	63	49	b	b	12.0		Falmouth	-	67	45	w. bc. b.	cl. bc.	6.7
England, E.	Tenby	3	69	45	b	b	12.0	England, S.W.	Bude	-	67	52	bc. b.	bc. c.	11.6
		-							Ilfracombe	-	67	52	bc. b.	bc. c.	11.6
	Cromer	0.3	59	54	o	o	0.0		Weston-super-Mare	-	71	52	b	b	10.8
	Lowestoft	-	60	52	o. c. o.	o. p. c.	0.3								
	Felixstowe	0.3	63	49	o	o	0.2								

## LONDON OBSERVATIONS.

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.) ...	% 67	% 63	Hr. 0.7	° F. 63	° F. 50	° F. 40	mm. § —	o	o.c.	o.bc.	Dublin to 4 p.m.	mm. § —	° F. 64	° F. 51	° F. 49	c.o.	o.c.	c.b.	*	
City (Bunhill Row) ...	*	*	0.8	*	*	*	*	*	*	*	Darwen to 9 p.m.	—	62	49	45	bc.m.	og.b.	bc.og.	0.8	
Westminster (St. James's Pk.)	69	68	1.0	63	50	45	—	o	o	o.bc.	Manchester "	—			*					
Camden Sq. (Brit. Rainfall)	65	63	1.1	65	47	42	—	o	o		Birmingham "	—	64	51	42	c	c	c.o.	33	
Hampstead (Reservoir) ...	*	69	2.9	60	47	39	—	c.o	o.bc	o.bc.	Oxford to 8 p.m.	*	63	48	41	cm.bc.b.	bc.m.	o.bc.b.	*	
Richmond Park ...	*	*	1.9	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																
Kew. (See front page.)																				
				Total.		Average Rate.		Max. Rate.												
S. Kensington (Roof of M.O.)				753 Joules		13.5 Milliwatts.		44.0 Milliwatts.		S. Kensington (Museum Grounds to 6 p.m.)										
				75		77		1.4												

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

30th & 31st July, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.8 4.10	G.M.T. 11.59 11.59	G.M.T. 7.49 7.47
Greenwich	4.21 4.23	12.6 12.6	7.51 7.49
Wick	3.59 4.1	12.18 12.18	8.37 8.35
Valencia	4.59 5.1	12.47 (24)	8.36 8.33

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 65° and upwards in many parts of England, to 70° at a few of the southern stations, and to 71° at Weston-super-Mare; on our north and north-east coasts it did not reach 60°. Considerable amounts of bright sunshine were recorded in Wales and the south-west of England, but elsewhere the duration was again small. Wireless reports show that beyond the 20th meridian ships experienced moderate to fresh breezes from the South-Westward, with dull weather and rain in places.

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.

Friday,  
31st July, 1914.

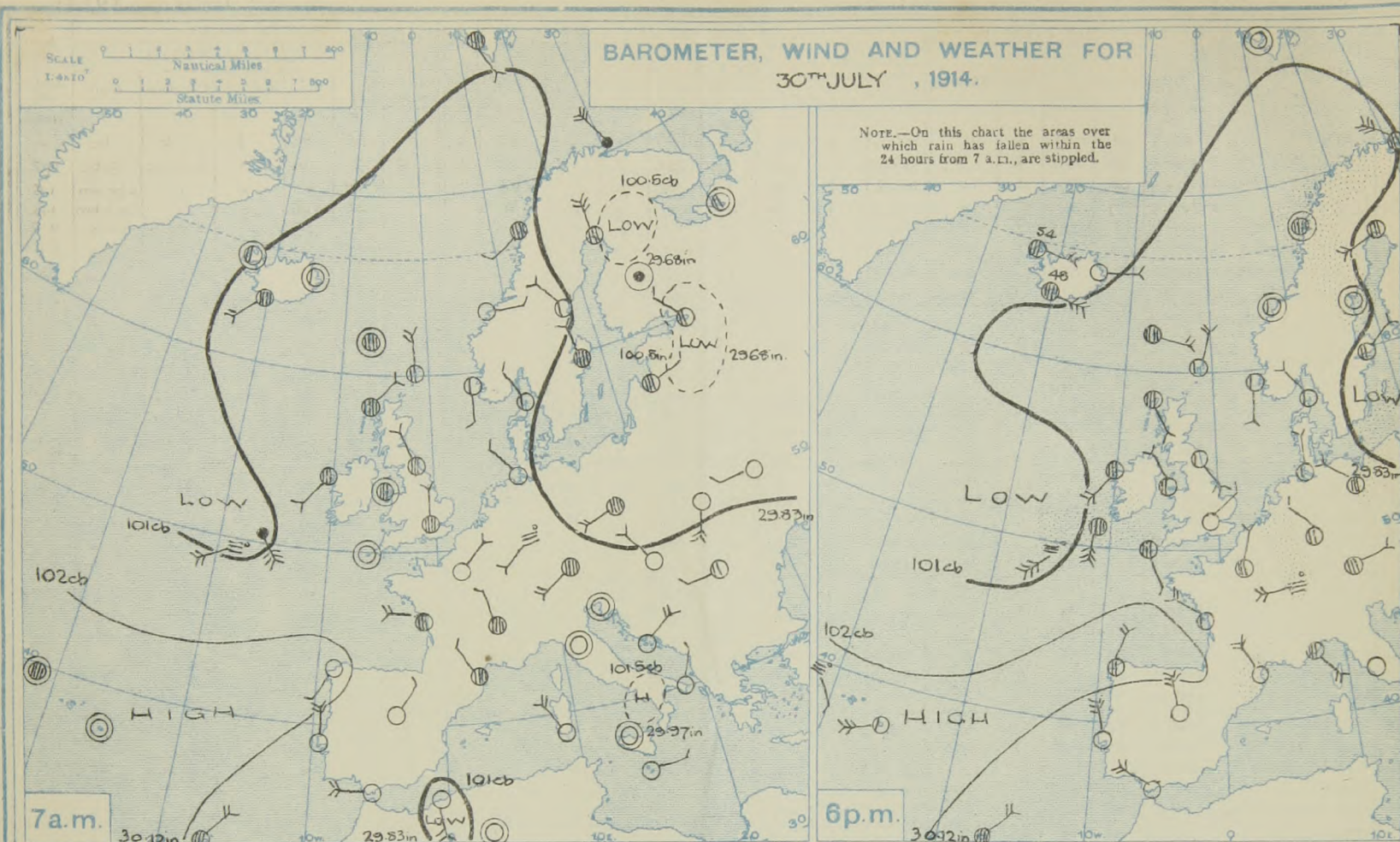
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.	
		Barom. Milli- bars at M.S.L.	Temp. ° F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Temp. ° F.	Dry Bulb.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force							Dir.	Force					Max.	Min.	Morning.	Afternoon.		Night.
BRITISH ISLANDS.																							
	Lerwick	1016.7	54	NNE	3	b	1016.4	0	52	+1	E	2	E	bc	2	?	55	50	b	b	bc	*	
	Stornoway	1015.4	58	SSE	2	c	1012.4	-1	55	+4	SSE	2	-	bc	2	-	61	49	c.b	b.b.c	c.b.c	9.2	
	Castlebay (Barraisd.)	1014.9	55	SE	3	o	1010.2	-2	56	+3	SE	4	-	om	4	-	57	53	c.o	o	o.b.c.om	1.6	
	Glasgow	1016.6	57	SW	1	c	1014.9	-1	50	-2	ESE	2	SW	bc	*	-	58	45	og	o	bc.bbm	1.4	
	Eskdalemuir	1016.4	60	WSW	2	o	1015.6	-1	49	-1	-	0	SW	bm	*	-	61	36	o	o.cq.bc	bm.x	2.5	
	Malin Head	1013.9	58	E	2	bc	1009.5	0	55	+3	ESE	4	S	o	2	-	62	51	bc	bc	og.q	6.6	
	Blackod Point	1012.2	59	SW	4	cu	1006.5	-5	57	+3	SSW	4	SW	cm	4	11	64	52	cu	cu	cm	*	
	Valencia	1012.8	59	SE	4	og	1006.1	-2	56	+3	SSE	4	-	om	4	26	63	53	c	c	cm	5.5	
	Roches Point	1015.9	61	S	2	o	1009.8	*	56	+2	SSW	6	-	r	6	12	65	50	b.f.c	c.o	orm	*	
	Birr Castle	1014.0	66	S	3	o	1009.1	*	55	+1	S	2	-	r	*	2	72	53	c	c.o	o.or	9.2	
	Donaghadee	1016.1	59	S	2	bc	1013.1	-1	56	+4	S	2	-	bc	2	-	60	56	bc	bc	bc.q	*	
	Liverpool (Bidston)	1016.4	61	NNW	1	b	1014.7	-1	57	+1	SE	2	-	b	1	-	65	52	bc.m	b	bc.m	6.5	
	Holyhead	1017.8	63	NNW	2	bcq	1014.6	-1	59	+2	SSE	3	SW	og.m	2	-	65	53	c.o.b.c	b.b.cq	b.b.c.oe	10.6	
	Pembroke (St. Ann's)	1018.2	?	-	0	b	1013.6	-3	57	+3	SE	3	S	cq	2	-	64	54	bm	bm	bm	11.1	
	Newquay	1017.2	64	NW	1	b	1013.4	-2	59	+3	SE	3	-	adm	2	-	64	55	of.b	bz	c.o	9.6	
	Scilly (St. Mary's)	1017.6	62	SSE	1	cm	1012.7	-4	58	-1	S	4	S	orm	4	0.1	67	57	bc.m	cm	cm.orm	10.9	
	Jersey (St. Aubin)	1018.7	68	NW	2	bm	1017.9	*	61	0	SE	4	SE	orm	3	-	70	56	bc.og	bc.m	bc.orm	9.3	
	Portland Bill	1018.7	61	S	1	bc	1017.9	-1	61	+4	SSE	4	S	c	3	0.3	64	57	rg	c.b.c	bc	*	
	Dungeness	1018.0	61	WSW	2	b	1019.4	0	60	+7	SW	1	-	b	1	-	64	53	bc	bc	bc.b	*	
	Dover	1018.2	60	ESE	1	c	1019.4	*	60	+4	SW	2	-	b	2	-	68	48	bc.c	c.b.c	c.b.c.bm	3.9	
	Wick	1017.1	52	ESE	2	c	1014.8	-1	53	+3	ESE	3	-	o	3	-	54	50	bc	bc	c.o	*	
	Nairn	1015.4	56	NE	3	bcw	1014.2	*	51	+1	-	0	-	om	1	-	58	43	b	bq	cu	9.0	
	Aberdeen	1016.9	56	SE	3	b	1015.4	0	54	+3	-	0	-	o	2	-	60	49	o.b.c	bc	b.orm	6.4	
	Leith	1016.1	59	ESE	1	bc	1015.1	-1	52	-1	N	1	-	og	*	-	60	44	o.c	c.b.c	c	*	
	Tynemouth	1017.8	57	SE	3	b	1016.6	0	53	0	SSW	2	SW	b	3	-	59	50	bc	bc	bc	11.2	
	Spurn Head	1017.7	57	E	2	b	1017.7	0	59	+5	S	3	-	bc	4	-	63	52	bc	bc	bc	8.6	
	Yarmouth	1018.2	61	N	2	bc	1019.2	+1	54	-1	W	1	-	bm	0	1	62	49	o	o.b.c	bc.bm	4.5	
	Clacton-on-Sea	1017.6	61	ESE	2	bc	1018.9	0	60	+5	SW	3	-	bc.m	2	-	66	55	c	c.b.c	bc.m	5.8	
	Nottingham	1017.1	64	ESE	1	b	1017.2	*	57	+3	SSW	1	-	bm	*	-	67	52	o.cq	c.bq	bc	4.0	
	Bath	1017.6	67	SW	1	b	1017.3	*	56	+1	-	0	-	o	*	-	71	50	b	bc	b.o	5.3	
	London (Kew Obsy.)	1017.6	67	NE	1	bz	1018.7	+1	57	+4	S	1	-	bz	*	-	68	49	om.cq	bcq	bz.f.bz	8.5	
	Spitzbergen	1009.5	42	SE	2	o	1010.7	0	42	+1	SE	1	*	o	*	-	43	39	*	*	*	*	
	Isafjord...	1008.7	54	E	3	c	1009.0	0	50	-1	-	0	*	o	*	-	*	*	*	*	*	*	
	Reykjavik	1009.0	55	ESE	4	c	1006.9	0	51	-1	E	4	*	c	*	-	*	*	*	*	*	*	
	Vestmanna	1009.5	48	ESE	6	o	1006.0	-2	49	+1	E	6	*	c	3	-	*	*	*	*	*	*	
	Seydisfjord	1008.3	68	E	2	b	1007.9	0	49	-1	-	0	*	b	*	-	*	*	*	*	*	*	
	Thorshavn	1017.1	55	ESE	2	o	1014.6	-2	52	+2	SE	2	*	o	*	-	*	*	*	*	*	*	
	Vardö	1010.7	45	NW	6	o	1011.8	+1	46	-2	NNW	5	-	o	3	-	48	45	*	*	*	*	
	Bodö	1012.0	49	-	0	o	1012.8	+3	50	+2	W	4	-	o	2	10	48	45	*	*	*	*	
	Christiansund	1014.9	55	-	0	b	1017.2	+1	55	+1	NE	1	-	c	2	-	59	50	*	*	*	*	
	Skudesnaes	1014.1	63	SSW	2	b	1015.0	+2	61	-2	SE	1	-	o	1	-	66	59	*	*	*	*	
	Færder (X'aniafjord)	1011.1	66	WSW	2	b	1013.7	+2	66	+5	-	0	-	bc	0	-	68	59	*	*	*	*	
	The Scaw (Skagen)	1011.7	68	NW	2	b	1014.1	+1	64	0	W	2	-	b	2	-	73	57	*	*	*	*	
	Blaavands Huk	1014.9	63	NNW	2	c	1017.2	+3	61	0	NNW	2	-	o	1	-	64	59	*	*	*	*	
	Haparanda	1008.4	57	WSW	4	c	1008.3	0	52	-2	N	4	S	b	*	-	63	43	*	*	*	*	
	Hernösand	1010.7	64	-	0	b	1012.6	+2	57	+2	N	4	NE	b	*	Trace	66	52	*	*	*	*	
	Stockholm	1009.2	64	NE	2	bc	1011.4	+1	63	+2	NNW	2	-	b	*	Trace	66	52	*	*	*	*	
	Wisby	1009.2	63	N	2	bc	1012.2	+3	63	0	N	4	NE	b	*	Trace	66	57	*	*	*	*	
	Karlstad	1010.1	68	NNE	2	bc	1013.7	+3	63	+4	N	2	-	bc	*	-	73	52	*	*	*	*	
	St. Petersburg	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	*	*	*	*	*	*	
	Berlin	1011.0	66	NW	2	c	1015.8	+3	59	+2	W	2	-	o	*	3	70	55	*	*	*	*	
	Frankfurt...	1014.4	64	NW	1	bc	1020.2	+4	57	0	-	0	-	o	*	-	66	50	*	*	*	*	
	Munich	1013.9	61	E	2	c	1019.7	+3	57	*	NW	2	W	bc	*	-	64	50	*	*	*	*	
	Vienna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	*	*	*	*	*	*	
	Cuxhaven	1014.0	64	N	2	b	1018.1	+3	63	0	NNW	3	-	b	0	-	68	61	*	*	*	*	
	The Helder	1016.3	63	N	3	c	1019.8	+1	61	0	NNW	1	-	bc	1	1	64	57	*	*	*	*	
	Brussels	*	*	*	*	*	1019.9	+3	57	-2	NNW	1	-	o	*	6	66	55	*	*	*	*	
	C. Gris Nez	1017.9	61	NE	2	b	1019.1	0	61	+4	S	1	*	b	1	-	68	54	*	*	*	*	
	La Hève	1019.3	59	N	2	b	1019.5	*	55	-2	ESE	3	*	m	2	-	64	50	*	*	*	*	
	Ushant	1016.6	61	-	0	m	1015.9	*	58	+3	SSE	3	*	m	3	-	73	52	*	*	*	*	
	Brest (St. Mathieu)	1019.3	61	NNW	2	m	1015.9	-2	59	+4	SE	4	*	m	3	-	68	57	*	*	*	*	
	Rochefort (Ile d'Aix)	1018.4	64	WNW	3	b	1018.6	0	61	-1	SSE	3	*	o	*	-	72	57	*	*	*	*	
	Biarritz	1020.6	67	NW	3	b	1018.3	-1	54	-10	ESE	1	*	bc	1	-	68	52	*	*	*	*	
	Paris	1017.2	64	NNE	2	b	1020.3	+2	57	0	-	0	-	b	*	-	70	48	*	*	*	*	
	Belfort	1015.4	62	W	4	m	1021.1	*	52	+2	W	2	*	f	*	3	72	50	*	*	*	*	
	Lyons	1016.3	60	NW	2	r	1020.0	*	59	-1	NNW	1	*	b	*	1	69	53	*	*	*	*	
	Nice	1010.1	64	SE	4	c	1015.8	+4	67	+3	-	0	*	b	1	-	77	55	*	*	*	*	
	Perpignan	1016.8	68	NW	4	b	1018.7	0	66	+2	W	2	-	b	*	3	73	57	*	*	*	*	
	Sanguinaire	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	*	*	*	*	*	*	
	Corunna (7 a.m.)	1020.3	64	NNE	3	bc	1016.3	0	63	+6	SSW	1	W	bc	1	-	66	55	*	*	*	*	
	Madrid (8 a.m.)	1012.7	81	NW	1	bc	1018.3	+2	66	+2	NE	1	-	c	*	-	84	59	*	*	*	*	
	Lisbon (9 a.m.)	1016.0	75	NNW	5	b	1015.7	0	64	+3	N	2	-	b	*	-	79	63	*	*	*	*	
	Gibraltar	1014.2	70	WNW	4	b	1016.2	*	71	+3	E	5	-	o	*	-	87	68	*	*	*	*	
	Rome	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	*	*	*	*	*	*	
	Azores (Horta, 8 a.m.)	1022.7	*	SW	4	b	1015.8	-2	71	-1	N	4	N	r	2	5	77	71	*	*	*	*	
	Madeira (Funchal)	1018.4	72	NE	3	o	1017.5	0	68	0	N	2	0	bc	3	6	73	66	*	*	*	*	

RAINFALL.

Equivalents of Millimeters in Inches.

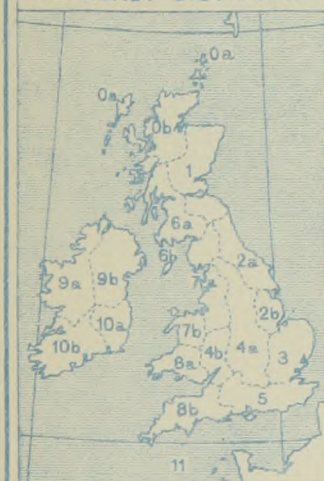
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69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





**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

**FURTHER OUTLOOK.**

Light to moderate Southerly and South-Easterly winds; fair at first, some rain later; cool.

Light to moderate Southerly winds; fair and warm to-day, some rain to-morrow; becoming cooler again.

Freshening winds from between South-East and South-West; dull, misty, occasional rain; cool.

Freshening Southerly winds and a moderate to rather rough sea; unsettled, some rain and mist; cool.

Millibars

1050

1040

1030

1020

1010

1000

990

980

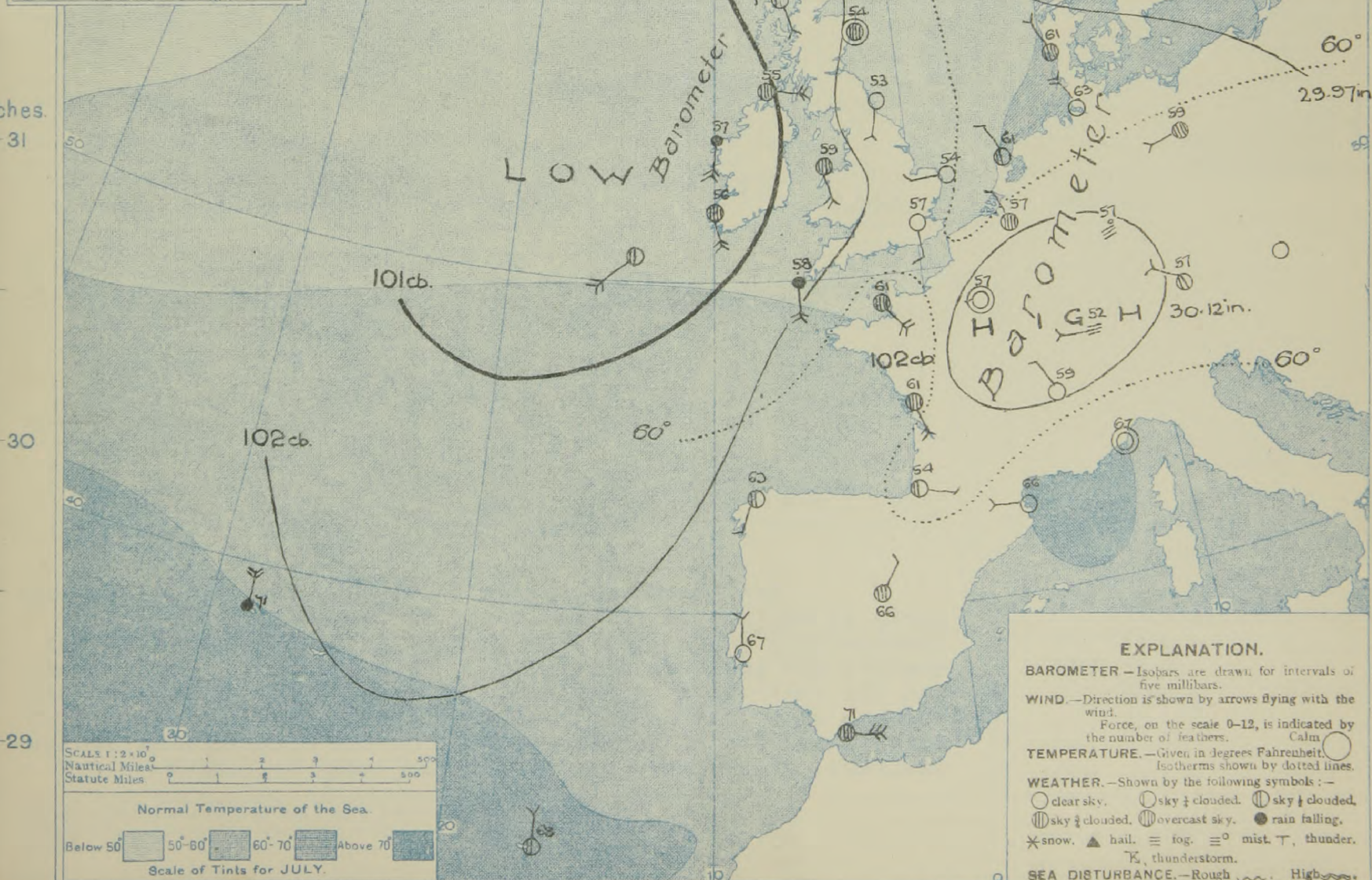
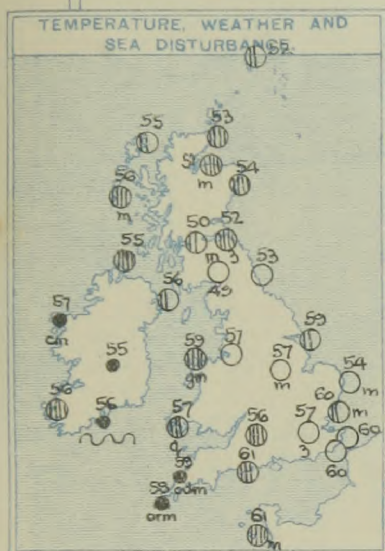
970



## JULY, 1914.

## General Inference

The Atlantic depression is likely to spread eastward and to occasion rain in nearly all districts. Freshening Southerly winds are probable on our western and southern coasts.



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.  Partly cloudy.  Mostly cloudy.

○ clear sky,      ◐ sky  $\frac{1}{2}$  clouded,      ◑ sky  $\frac{3}{4}$  clouded,  
 ◒ sky  $\frac{3}{4}$  clouded,      ◓ overcast sky,      ● rain falling.

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

SEA DISTURBANCE.—Rough  High 



## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
31st, 7am.	50	13	Haverford	O	1006.4	-1	SW	4-5	bc	30th, 7am.	49	17	Philadelphia	H	1009.8	-1	WSW	4-5	m
30th, 6pm.	49	13	Philadelphia	H	1006.1	-2	SW	6-7	m	"	50	15	Arabic	O	1009.5	-7	SSE	6-7	r
"	51	11	Royal Edward	O	1011.5	-12	SSW	6-7	o										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	...	66	45	c-b-c.	c-b-c.	1.8	England, S.E.	Tunbridge Wells	...	65	46	c-b-c.	b-c	12.5
	Stonehaven	...	60	45	c-b-c.	b-c	6.6		Margate	...	52	40	b	b	9.5
	Carnoustie	...	58	49	...	...	5.5		Ramsgate	...	63	52	c-b-c.	b-c	4.8
	St. Andrews	...	61	45	o	b-c	3.3		Folkestone	...	66	51	b-c	b-c	6.7
	Dunfermline	...	55	49	b-c	b-c	5.4		Hythe	...	67	50	b	b	12.7
Eng. N.E.	Harrogate	...	65	48	o-c.	c-o	1.5	England, S.W.	Littlestone	...	67	50	b	b	12.7
	Scarborough	...	63	51	c-b.	c-b.	10.6		Hastings	...	65	50	b	b	6.7
	Skegness	...	61	50	c-b-c.	b	8.0		Bexhill-on-Sea	...	65	51	b	b-m-b.	12.9
	Douglas (I. of M.)	...	63	52	c.	b-c-b.	8.0		Eastbourne	...	67	50	b	b	9.7
	Morecambe	...	65	54	o	b-c-b.	5.5		Seaford	...	70	51	c-b-c.	b-c-b.	10.1
Eng. N.W.	Blackpool	...	64	54	m-c-o.	b-c	6.0	England, S.W.	Brighton	...	68	49	b-c.	c-b-c.	10.3
	Southport	...	64	53	o-c.	b-c-b.	6.0		Worthing	...	67	50	b-c.	b-c-b.	9.8
	Buxton	...	68	47	b-c-o.	b-c	3.9		Littlehampton	...	65	50	b	b	7.1
	Leamington Spa	...	70	52	c-b.	b-c-b.	5.2		Bognor	...	68	56	b-c	b-c	7.5
	Malvern	...	70	50	b	b-c	5.0		Southsea	...	67	52	b	b	10.9
Midland	Ross-on-Wye	...	65	49	c-b.	b-c-b.	9.2	England, S.W.	Ryde	...	67	52	b	b	11.0
	Rhyl	...	65	49	c-b.	b-c-b.	11.0		Ventnor	...	67	52	b	b	11.0
	Colwyn Bay	...	64	51	b	b	10.5		Bournemouth	...	67	52	b-c-b.	b-c-b.	11.6
	Llandudno	...	65	52	b	b	11.1		Weymouth	...	67	52	o-c.	b-c	4.5
	Bettws-y-Coed	...	64	50	b-c.	b-c	6.2		Exmouth	...	67	58	b	b	8.3
Wales.	Aberystwyth	...	64	54	o-c.	c-b-c.	10.2	England, S.W.	Teignmouth	...	65	58	b-c.	b-c.	4.7
	Tenby	...	69	47	b	b	9.8		Torquay	...	68	58	b	c-b-c.	6.0
	Cromer	...	62	52	c	c-b.	4.5		Paignton	...	69	58	b	o-b-c.	5.8
	Lowestoft	...	59	53	o-c-o.	o-c-b-c.	2.6		Plymouth	...	67	52	b	b	9.5
	Felixstowe	...	68	52	b-c.	b-c	7.4		Falmouth	...	69	55	o-c-m-b.	b-c	9.6
England, E.	Walton-on-Naze	...	65	52	b-c-c.	c-o-b-c.	6.3	England, S.W.	Bude	...	66	49	w-m-b-c.	b	10.0
	Southend-on-Sea	...	68	50	b-c-b.	b	10.6		Ilfracombe	...	64	56	b	b	11.5
									Weston-super-Mare	...	71	55	b-c.	b-c	8.5

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rainfall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obs.)	51	61	12.5	71	48	4.0	bc	b	b
City (Bunhill Row)	...	...	9.2	...	...	...	...	...	...
Westminster (St. James's Pk.)	55	68	8.7	70	52	4.8	bc	b-c	b-c.
Camden Sq. (Brit. Rainfall)	50	65	9.0	72	50	4.6	bc	b-c	b
Hampstead (Reservoir)	...	71	8.9	66	52	4.3	bc	b-c	b
Richmond Park	...	...	8.1	...	...	...	...	...	...
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.)		64 75		1694 Joules		30.4 Milliwatts.		72.0 Milliwatts.	

## Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	
Dublin to 4 p.m.	...	65	55	53	c-o-b.	bc
Darwen to 9 p.m.	0.3	67	50	50	o-c.	bc
Manchester	...	67	52	43	o-c.	c-o
Birmingham	...	67	52	43	o-c.	c-o
Oxford to 8 p.m.	...	71	51	44	o-c-m-b.	bc
S. Kensington (Museum Grounds to 6 p.m.)	...	69	51	44	b-c.	bc

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

31st July & 1st August, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.10 4.13	G.M.T. 11.59 11.59	G.M.T. 7.47 7.45
Greenwich	4.23 4.24	12.6 12.6	7.49 7.48
Wick	4.1 4.3	12.18 12.18	8.35 8.33
Valencia	5.1 5.3	12.47 12.47	8.33 8.32

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 65° and 70° in most parts of England and Ireland, and to 72° at Birr Castle. Considerable amounts of bright sunshine were recorded in the western and southern districts. Rain has fallen in Ireland and the south-west of England, heavily at Valencia. Wireless reports show that as far west as the 17th meridian ships experienced strong to high winds from the Southward or South-Westward, with cloudy, misty weather, rain in places.

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.



JULY, 1914.



# ADDITIONS AND CORRECTIONS TO THE

## 1.—REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

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					° F.	° F.	Morning.	Afternoon.	Night.	
1st	St. Petersburg	10124	59	WNW	1	b	10162	+3	61	+4	WNW	1	.	c	.	—	64	50	.	.	.	.
"	Vienna	10190	68	N	1	b	10189	0	63	0	NE	1	.	b	.	—	77	54	.	.	.	.
"	Rome	10155	79	W	1	b	10163	0	72	0	N	1	.	b	.	—	90	68	.	.	.	.
3rd	St. Petersburg	10187	64	NW	1	b	10223	+1	66	0	W	1	.	b	.	—	70	55	.	.	.	.
"	Vienna	10151	75	E	1	b	10170	0	64	+3	E	2	.	b	.	—	74	55	.	.	.	.
"	Rome	10136	77	.	0	b	10136	0	70	0	N	1	.	b	.	—	90	64	.	.	.	.
8th	St. Petersburg	10210	79	SE	2	c	10217	0	79	+11	E	1	.	m	.	—	84	64	.	.	.	.
"	Vienna	10139	59	WNW	6	o	10143	0	52	-16	WNW	4	.	r	.	18	82	52	.	.	.	.
"	Rome	10157	73	NNW	1	o	10176	+1	70	0	.	0	.	b	.	—	84	64	.	.	.	.
13th	Vienna	10172	70	E	1	m	10172	0	68	+2	SW	1	.	c	.	—	79	61	.	.	.	.
14th	Vienna	10159	75	WNW	1	c	10176	0	72	+4	WNW	3	.	b	.	—	79	59	.	.	.	.
15th	St. Petersburg	10132	70	NE	1	c	10157	+2	64	-8	NE	3	.	b	.	—	77	61	.	.	.	.
"	Vienna	10149	75	NW	1	m	10171	+3	70	-2	E	1	.	b	.	—	79	66	.	.	.	.
"	Madrid	10118	91	W	1	b	10173	+3	75	0	.	0	.	b	.	—	96	66	.	.	.	.
16th	St. Petersburg	10177	63	NE	1	b	10212	+2	61	-3	SSW	1	.	m	.	—	68	54	.	.	.	.
17th	Vienna	10127	68	W	4	o	1026	+2	55	-6	W	4	.	o	.	11	77	55	.	.	.	.
19th	Vienna	10119	66	W	3	b	10120	0	66	+3	WNW	4	.	b	.	—	83	57	.	.	.	.
23rd	Vienna	10024	79	ESE	1	b	9998	0	72	+6	W	3	.	c	.	—	81	64	.	.	.	.
24th	Nice	10026	75	W	5	b	10034	+3	69	-2	.	0	.	b	2	—	84	61	.	.	.	.
"	Madrid	10123	82	NNE	1	b	10146	+2	70	+6	NE	1	.	b	.	—	82	61	.	.	.	.
25th	St. Petersburg	9975	81	SE	2	b	9960	-1	73	+1	SE	2	.	o	.	—	90	68	.	.	.	.
26th	Vienna	10077	66	SSW	1	o	10052	-1	59	-4	W	1	.	?	.	?	70	57	.	.	.	.
27th	St. Petersburg	10012	66	W	1	b	10024	0	64	0	WSW	1	.	b	.	14	73	61	.	.	.	.
"	Berlin	10012	61	W	4	c	10012	?	55	0	SW	3	.	c	.	?	?	?	.	.	.	.
"	Frankfurt	.	.	.	.	.	10048	0	52	-7	SW	2	.	o	.	10	79	45	.	.	.	.
"	Vienna	10048	63	WNW	3	b	10069	0	57	-2	SW	1	.	c	.	13	64	54	.	.	.	.
28th	St. Petersburg	10000	70	E	2	o	9997	0	61	-3	S	1	.	?	.	3	77	61	.	.	.	.
"	Vienna	10048	57	W	1	o	10050	0	54	-3	WNW	3	.	o	.	—	66	48	.	.	.	.
"	Rome	10075	70	SW	1	bc	10067	0	68	0	SE	1	.	b	.	—	81	59	.	.	.	.
29th	St. Petersburg	10024	66	SSW	1	bc	10042	0	63	+2	SE	1	.	m	.	—	72	55	.	.	.	.
"	Vienna	10070	55	W	1	b	10086	+2	59	+5	W	1	.	c	.	—	64	50	.	.	.	.
"	Rome	10087	82	SW	1	o	10099	+1	66	-2	WSW	1	.	b	.	—	82	64	.	.	.	.
30th	Munich	.	.	.	.	.	10144	+1	57	0	W	3	.	c	.	3	61	50	.	.	.	.
"	Vienna	10080	68	W	1	c	10123	+2	61	+2	W	2	.	o	.	—	70	57	.	.	.	.
31st	St. Petersburg	10016	66	NNE	1	b	10006	.	57	-6	WNW	2	.	o	.	14	73	55	.	.	.	.
"	Vienna	10122	64	WNW	1	bc	10146	.	59	-2	WNW	3	.	bc	.	—	72	57	.	.	.	.
"	Rome	10128	72	N	1	c	10107	.	64	0	NW	1	.	o	.	5	77	63	.	.	.	.

GALES.

Duration and Extreme Force  
in British Islands.

Addition

7th Derwick  
6th, 10pm. to Midn.  
SSE 8 in Squalls.

Correction

24th, Malin Head  
23rd, 11pm. to 24th, 7am.  
Extreme NW g at 3am.

### GALES.

Duration and Extreme Force  
in British Islands.

### Addition

7th Derwick

6th, 10 pm. to Midd.

SSE 8 in Squalls.

### Correction

24th, Malin Head

23rd, 11 pm. to 24th, 7 am.

Extreme NW g at 3 am.



# REPORTS FOR JULY, 1914.

## 2.—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.	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					° F.	° F.	Morning.	Afternoon.		Night.	
1st	Edinburgh	1014.8	° F.						° F.	° F.							° F.	° F.					
	Portland Bill															no rain							
	Wick																	49					
2nd	Rock's Point	1007.0																					
	Spurn Head										4												
	London (Kew Obsy.)						1002.4																
3rd	Castletown																56						
	Liverpool								53	-9							66						
	Dungannon															3	67						
	Dover															2	70	58					
	Aberdeen																	51					
	Glacien-on-Sea						1006.4									1							
4th	London (Kew Obsy.)					ad																	
5th	Folkehead																	56					
	London (Kew Obsy.)												5										bu. c. ad. o
6th	Blackhead Point			SW																			
	Dungannon	1007.6																					
	Yarmouth				2											4	2						
	Bath				1																		
7th	Donaghadee						1006.3																
	Newquay			SW																			
	Dover																	55					
	Lymington																						0.7
8th	Swanwick																60						
9th	Malin Head								61	+2						0.2							
	Portland Bill																						
	Nairn																						
11th	London (Kew Obsy.)																						13.4
12th	Spurn Head																						3.0
13th	Malin Head																						9.7
14th	Valencia																						cr. thr
	Folkehead				3																		
	Pembroke						1013.6									1							
	Dover																72						
15th	Birr Castle															2							
	Nottingham		70																				
16th	Dover																						0.0
	London (Kew Obsy.)			S																			
17th	Valencia						1018.9																
	Pembroke															0.1							
18th	Birr Castle																	55					
	Pembroke (St. Ann's)					0										0.1							
	London (Kew Obsy.)																76						
19th	Edinburgh	1010.9																					
	Donaghadee															8							
20th	Birr Castle																64	52					
21st	Edinburgh																						
	Birr Castle	1004.6																					
	Lymington	1007.6																					
	Glacien-on-Sea	1004.0																					
22nd	Yarmouth						1006.1																
24th	Birr Castle															2							
	Pembroke (St. Ann's)															0.1							
	Aberdeen										W	5				0.1							
25th	Pembroke (St. Ann's)															0.1							
	Spurn Head						995.5																
26th	Edinburgh						998.8																
	London (Kew Obsy.)																						
27th	Malin Head																55						
	Blackhead		56																				
	Pembroke															0.3							
	Bath																						
	Bath															3							
28th	Jersey						1007.8																
	London (Kew Obsy.)					bc																	
29th	Valencia																	54					
	Liverpool															no rain							
	Spurn Head	1007.8																					
30th	Rock's Point															0.1							
	Silly															0.2							
31st	Edinburgh					bc																	



# WIRELESS TELEGRAMS.

DATE OF REPORT.	DATE AND HOUR OF OBSERVATION.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE OF REPORT.	DATE AND HOUR OF OBSERVATION.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	
		Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirac.	Force.				Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirac.	Force.		
		"	"			mb.	‡		(0-12).								mb.	‡		(0-12).		
10th	9th, 6pm	.	11	<u>Petorian</u>	.	.	.	.	4	0							.	.	.	.		
"	10th, Jan	50	.	<u>Stampan</u>	.	.	.	.	.	.							.	.	.	.		
12th	12th, "	.	.	<u>Menominee</u>	.	.	.	.	3	.							.	.	.	.		
"	" "	.	.	<u>Aquitania</u>	{	1013.5	.	.	.	.							.	.	.	.		
13th	" 1pm	.	.			1017.3	.	.	.	.	.							.	.	.	.	
"	" 6pm	.	.			1018.8	.	.	.	.	.							.	.	.	.	
"	" 7pm	.	21	<u>Manitou</u>	{	.	.	.	.	.							.	.	.	.		
"	" 6pm	.	17			.	.	.	.	.	.							.	.	.	.	
14th	13th, 1pm	.	.	<u>Aquitania</u>	{	.	.	.	3	.							.	.	.	.		
"	" Jan	.	.			1004.7	.	.	.	.	.							.	.	.	.	
15th	13th, Jan	54	16	<u>Victorian</u>	H	1001.7	+3	E	4-5	b							.	.	.	.		
20th	25th, 6pm	.	.	<u>Aquitania</u>	{	1029.4	.	.	.	.							.	.	.	.		
27th	26th, Jan	.	.			1027.1	.	.	.	.	.							.	.	.	.	
"	" 6pm	.	.			1022.7	.	.	.	.	.							.	.	.	.	
31st	30th, Jan	.	18	<u>Philadelphia</u>	.	.	.	.	.	.							.	.	.	.		
<hr/>																						