

**METEOROLOGICAL OFFICE.**

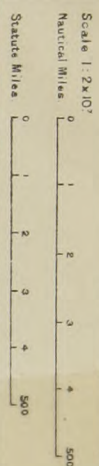
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**DAILY WEATHER REPORTS.**

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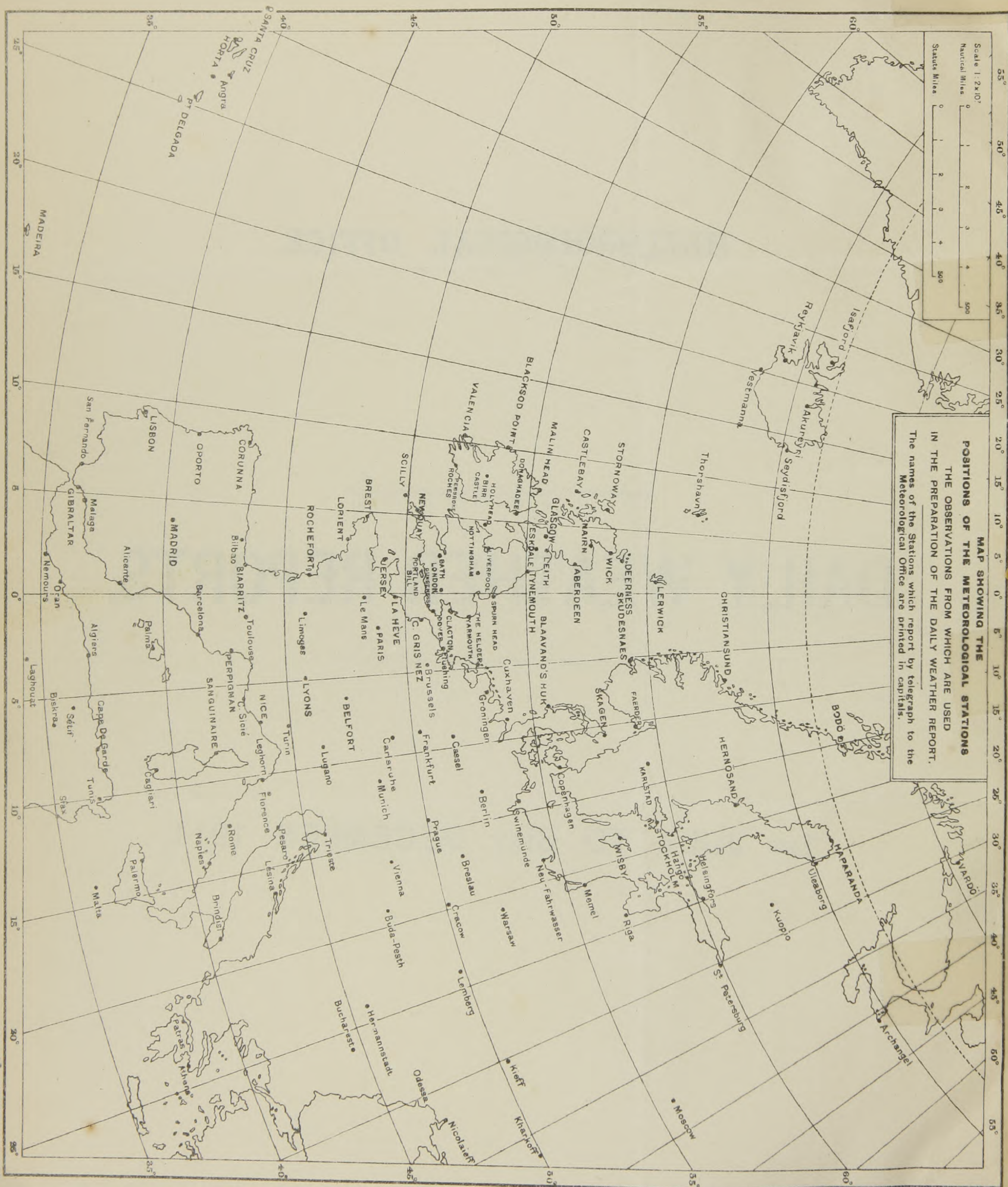
**1<sup>ST</sup> JULY TO 31<sup>ST</sup> DECEMBER 1914.**

# DAILY WEATHER REPORT, JULY-DECEMBER 1914.



**MAP SHOWING THE  
POSITIONS OF THE METEOROLOGICAL STATIONS  
THE OBSERVATIONS FROM WHICH ARE USED  
IN THE PREPARATION OF THE DAILY WEATHER REPORT.**

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



# 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.)

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 Maximum.	Daily Minimum.	Maximum.		Minimum.					
						Temp.	Year.	Temp.	Year.				
Sumburgh Head.....	In. 29'862	50'5	49'0	57'0	48'0	70	1897	37	1888	18	In. 2'32	—	% —
Stornoway.....	29'897	52'5	50'7	60'1	48'9	76	1894	32	1888	20	2'93	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	56'7	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	1886	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	56'4	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
AUGUST.													
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]†	[1887, 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	55'8	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
SEPTEMBER.													
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	57'3	54'9	65'8	54'7	89	1906	41	1891	15	2'67	184	49
Portland Bill.....	30'112	56'4	54'9	63'0	53'8	[71]†	[1906]†	[43]†	[1902, 03, 10]†	14	2'08	—	—
Dungeness.....	30'100	55'9	53'8	64'0	52'4	81	1906	32	1888				

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday

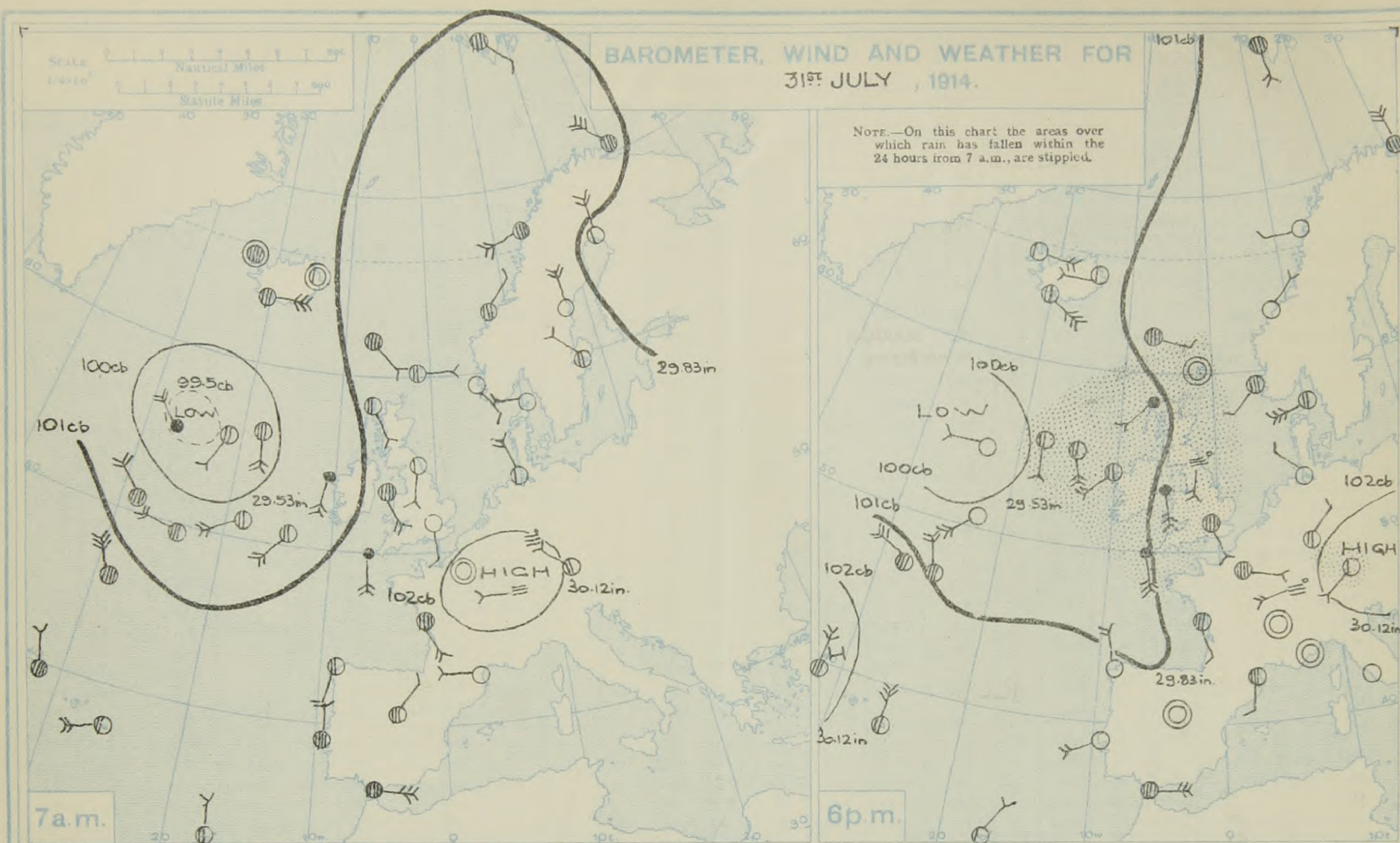
1st August 1914.

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.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Temp.		Weather.			
			Force 0-12.	Dirac.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.																					
Lerwick ...	1015.0	56	S	2	bc	1011.5	-2	57	+5	SSE	2	-	om	2	?	58	52	bc	bc	om	*
Stornoway ...	1009.2	56	SW	2	or	1005.7	-1	58	+3	S	2	-	bc	2	8	62	54	c.oz	or	op. bc	1.4
Castlebay (Barra Isd.)	1006.7	56	SE	5	bc	1004.6	-1	56	+3	E	3	-	om	4	5	58	54	ompg	op. r.mf	op. om	0.0
Glasgow ...	1011.8	56	SE	2	od	1006.8	-1	55	+5	SE	2	-	od	10	64	50	bcz. og	odpg	odpg	2.2	
Eskdalemuir ...	1013.0	54	SSW	4	omr	1007.6	-2	54	+5	SSE	2	-	adm	20	63	47	bm. o	omr. g	or	2.8	
Malin Head ...	1006.2	60	S	4	c	1004.5	0	57	+2	SSW	2	SW	bc	2	2	60	55	omr	cg	bc	1.6
Blacksod Point	1005.2	62	SW	3	bcv	-	-	-	-	-	-	-	-	-	-	-	-	omr	cr	-	*
Valencia ...	1005.7	61	SSE	2	c	1002.0	?	57	+1	S	3	-	rm	3	14	64	56	cp	cp	crm	2.9
Roche's Point	1007.6	60	SW	3	c	1005.5	*	60	+4	SSE	2	-	o	3	11	61	55	r. o	o. e. bc	o	*
Birr Castle ...	1005.9	64	SE	3	c	1004.2	*	55	-	SE	1	-	bc	*	7	66	50	cr	or. c	c. bc	2.1
Donaghadee ...	1010.0	55	S	3	omr	1005.4	0	57	+1	SW	2	-	opm	2	8	58	55	omr	omr	omr. op	*
Liverpool (Bidston)	1012.4	58	SE	2	r	1006.6	-3	55	-2	SE	3	SE	r	2	8	63	55	bcn	or	or	1.1
Holyhead ...	1012.3	57	S	5	cmgr	1006.9	-2	57	-2	S	1	SW	ogm	0	15	62	56	op. omr	or. o. or	omr	0.0
Pembroke (St. Ann's)	1010.9	57	SSE	5	r	1007.0	0	57	0	SW	1	W	bc	1	11	58	55	c	org. q	org. q	0.0
Newquay ...	1010.6	57	SE	4	or	1006.8	0	59	0	-	0	-	bc	1	14	59	55	omr	omr	or. bc	0.0
Scilly (St. Mary's)	1009.3	57	SSE	5	omr	1006.9	-2	57	-1	SW	1	SW	bc	4	7	63	54	omr	omr	omr. c	0.0
Jersey (St. Aubin)	1015.0	65	SE	3	og	1010.5	*	55	+4	S	3	-	bm	2	0.2	66	60	o	op. og	ogp. bm	0.0
Portland Bill ...	1014.6	61	ESE	3	o	1009.0	-3	61	0	S	5	-	o. c	4	0.3	62	57	c	c. o	o. c	*
Dungeness ...	1016.7	63	SE	3	o	1012.1	-2	63	+3	SSE	4	-	c	3	-	66	59	bc. c. o	o. c. o	o. c	*
Dover ...	1017.3	63	ESE	1	o	1012.3	*	64	+4	S	4	S	bc	6	-	65	57	b	b. bc. c. g	c. c. bc	7.5
Wick ...	1011.5	56	ESE	3	m	1007.6	-3	55	+2	SSE	3	-	r	4	2	58	52	o	om	omr	*
Nairn ...	1009.8	60	-	0	m	1006.1	*	57	+2	-	0	-	cm	1	6	61	50	bc. c	c. o	omr. g. d.	3.1
Aberdeen ...	1012.3	57	SSE	3	o	1008.4	-2	56	+6	SSE	3	-	om	3	4	64	53	o. bc	c. o	omr	5.4
Leith ...	1012.0	61	SE	1	o	1007.2	-3	57	+5	ESE	1	-	o	*	15	62	51	c. o	ogrm	or	*
Tynemouth ...	1013.6	62	SSW	3	m	1009.0	-5	56	+3	S	3	-	rm	4	5	67	52	f	f	omr	4.7
Spurn Head ...	1015.5	62	SSE	3	o	1011.2	-4	59	0	SSE	4	-	cr	4	3	62	57	c. om	om	o	2.3
Yarmouth ...	1017.6	63	S	3	c	1013.0	-5	63	+9	S	3	-	c	2	0.3	66	53	b. bc	bc. c	cr	7.5
Clacton-on-Sea	1017.3	6	SE	4	o	1011.8	-1	63	+3	SSE	4	S	og	3	1	65	58	bm. c	c. o	ogp	5.6
Nottingham ...	1014.8	66	S	2	o	1009.4	*	56	-1	SSE	1	-	op	*	7	68	56	bc. o	o	or	2.7
Bath ...	1014.9	62	SE	2	o	1009.1	*	58	+2	S	1	-	o	*	3	68	55	o	or	r	0.0
London (Kew Obsy.)	1015.8	65	SSE	2	o	1009.9	-3	62	+5	SSE	2	S	om	*	1	69	56	bz. b. o	o	or. om	3.2
ICELAND, FAEROE, &c.																					
Spitzbergen ...	1012.7	43	S	3	o	1011.9	0	44	+2	S	4	*	c	*	-	45	41	RAINFALL. Equivalents of Millimeters in Inches.			
Isafjord ...	1007.9	55	E	4	b	1005.6	0	51	+1	-	0	*	o	*	*	*	*	mm.	Inches.	mm.	Inches.
Reykjavik ...	1005.3	58	SSE	3	f	1003.3	-1	51	0	-	0	*	o	*	*	*	*	1	0.04	26	1.02
Vestmanna ...	1004.6	51	ESE	6	bc	1001.2	-3	50	+1	E	1	*	r	2	*	*	*	2	0.08	27	1.06
Seydisfjord ...	1007.3	45	W	2	b	1007.1	0	50	+1	SSW	2	*	c	*	*	*	*	3	0.12	28	1.10
Thorshavn ...	1013.0	54	ESE	1	o	1006.7	-2	50	-2	ESE	1	*	m	*	*	*	*	4	0.16	29	1.14
NORTHERN EUROPE.																					
Vardö ...	1016.6	45	N	6	o	1020.3	+2	46	0	N	4	-	o	4	*	46	43	5	0.20	30	1.18
Bodö ...	1018.3	50	W	1	b	1019.7	0	52	+2	-	0	N	b	1	*	52	41	8	0.24	31	1.22
Christiansund	1017.0	57	NE	2	b	1015.3	0	59	+4	NE	1	-	b	2	-	61	54	7	0.28	32	1.26
Skudesnaes ...	1018.1	61	SW	1	c	1015.1	-1	59	-2	SE	1	-	b	1	-	64	52	8	0.32	33	1.30
Færder (X'aniafjord)	1012.9	66	S	2	b	1015.0	0	66	0	SE	2	-	o	2	-	70	64	9	0.35	34	1.34
The Scau (Skagen)	1015.9	64	WSW	6	bc	1016.0	+1	63	-1	WSW	4	W	bc	3	-	68	50	10	0.39	35	1.38
Blaavands Huk	1019.5	61	NW	1	o	1018.1	0	61	0	NW	1	-	o	1	-	63	57	11	0.43	36	1.42
Haparanda ...														*				12	0.47	37	1.46
Hernösand ...														*				13	0.51	38	1.50
Stockholm ...														*				14	0.55	39	1.54
Wisby ...														*				15	0.59	40	1.58
Karlstad ...														*				16	0.63	41	1.61
St. Petersburg														*				17	0.67	42	1.65
CENTRAL EUROPE.																					
Berlin ...														*				18	0.71	43	1.69
Frankfurt ...	1019.0	70	NE	1	bc	1020.4	0	61	+4	SE	2	-	m	*	-	75	50	19	0.75	44	1.73
Munich ...	1020.2	61	SW	2	b	1021.5	0	60	+3	SE	2	-	b	*	1	66	48	20	0.79	45	1.77
Vienna ...														*				21	0.83	46	1.81
Cuxhaven ...	1019.8	61	NW	1	b	1018.4	0	61	-2	S	3	-	o	0	-	60	55	22	0.87	47	1.85
The Helder ...	1019.5	63	S	1	c	1016.3	+1	63	+2	SSE	2	-	o	0	-	64	57	23	0.91	48	1.89
Brussels ...	*	*	*	*	*	1016.0	-2	63	+6	SE	3	-	o	*	-	72	57	24	0.95	49	1.93
FRANCE.																					
C. Gris Nez ...	1017.0	63	ESE	3	o	1013.0	-2	66	+5	SSE	4	*	c	2	-	70	63	25	0.98	50	1.97
La Hève ...	1016.7	66	ESE	3	o	1012.7	*	66	+11	SE	2	*	b	2	-	66	55				
Ushant ...	1013.2	58	SE	5	r	1007.9	*	59	+1	S	4	*	f	3	3	61	54				
Brest (St. Mathieu)	1012.7	61	SSE	5	r	1009.5	0	59	0	S	3	*	f	3	4	64	59				
Rochefort (Ile d'Aix)	1015.4	75	SSE	2	c	1011.9	-3	65	+4	SSE	4	*	b	*	-	79	61				
Biarritz ...	1013.5	79	ESE	2	b	1010.6	-2	73	+19	SE	2	*	b	1	-	82	54				
Paris ...	1017.7	66	SE	2	o	1015.4	-1	64	+7	SSE	2	-	b	*	-	73	55				
Belfort ...	1019.4	68	WSW	3	m	1020.7	*	59	+7	ESE	4	*	c	*	-	73	53				
Lyons ...	1018.3	69	N	1	b	1018.7	*	61	+2	SE	1	*	c	*	-	73	52				
Nice ...	1018.1	70	-	0	b	1019.7	+1	70	+3	-	0	*	b	2	-	82	63				
Perpignan ...	1016.6	70	S	1	c	1017.2	0	70	+4	SSE	2	NE	bc	*	-	79	55				
Sanguinaire ...	*					*	*							*							
SOUTHERN EUROPE.																					
Corunna (7 a.m.)	1013.6	72	NW	3	b	1010.3	0	63	0	SSW	1	-	f	1	-	77	59				
Madrid (8 a.m.)	1012.0	86	-	0	b	1014.3	+1	72	+6	SSE	1	-	o	*	-	88	64				
Lisbon (9 a.m.)	1012.6	81	WSW	3	b	1012.2	+4	63	-1	WNW	4	-	bc	2	-	86	61				
Gibraltar ...	1015.6	72	E	5	o	1015.9	*	72	+1	E	4	-	c	2	-	76	70				
Rome ...														*							
Azores (Horta, 8 a.m.)	1018.7	*	N	4	bc	1021.6	+1	68	-3	NW	2	-	o	1	-	75	68				
Madeira (Funchal)	1016.4	74	N	2	b	1018.7	+1	68	0	NW	2	-	b	2	-	73	66				

Information for these columns not usually received.

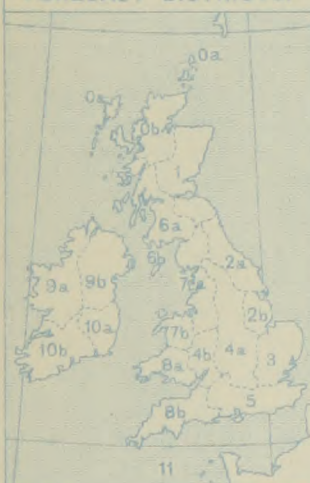
† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.



FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday, . . . Signals hoisted this morning.

South Cone. South Cone.

North Cone. North Cone.

No

Warnings Issued.

Western Channel and Bay. 11

0 } Light to fresh Southerly and South-Easterly winds; changeable, some rain, misty on coast; rather warmer.

1 }  
2 }  
3 } Light to moderate Southerly winds; changeable, showery, some fine intervals; normal temperature.  
4 }  
5 }

6 }  
7 }  
8 } Varying Southerly (South-Easterly to South-Westerly) winds, mostly light or moderate in force; changeable, some showers, misty on coast; normal temperature.  
9 }

10 }  
11 } Moderate Southerly winds and a moderate sea; changeable, some showers, mist locally; normal temperature.

FURTHER OUTLOOK. Changeable, showery weather is likely to continue.

Millibars

1050—31

1040—

1030—

1020—

1010—

1000—

990—

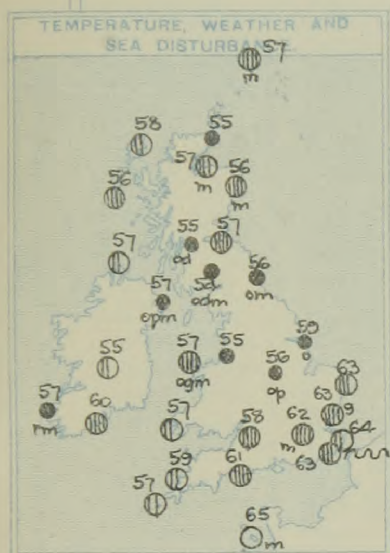
980—

970—

# SYNOPTIC CHART FOR 7 a.m., SATURDAY, 1<sup>st</sup> AUGUST, 1914.

## GENERAL INFERENCE.

The Atlantic depression continues to spread eastward and changeable, showery weather is probable over the United Kingdom generally. The Southerly winds will be accompanied by a temperature differing but little from the normal.

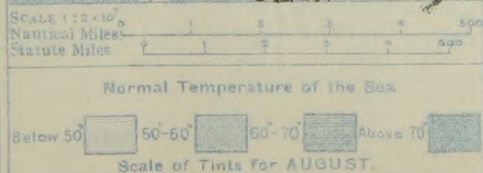


Miles Inches

31

30

29



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 ~~~~

## 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.	54	16	<i>Borisca</i>	H	995.6	-1	SE	(0-12).	c	31st, 7 p.m.	46	29	<i>Minneapolis</i>	H	1014.2	-2	NNW	(0-12).	o
31st, 6 p.m.	47	26	<i>Finland</i>	H	1010.1	0	WHW	6-7	c	"	50	28	<i>Andania</i>	H	1002.4	-5	NW	6-7	o
"	47	24	<i>Minneapolis</i>	H	1009.1	-1	NNW	4-5	c	"	53	27	<i>Borisca</i>	H	992.2	0	NW	4-5	o
"	54	22	<i>Borisca</i>	H	995.6	0	W	1-3	b	"	49	24	<i>Arabic</i>	O	1003.0	-1	WHW	4-5	c
"	51	22	<i>Royal Edward</i>	O	1001.0	0	SW	4-5	b	"	54	21	<i>Teutonic</i>	H	995.6	0	SWW	1-3	bc
"	55	16	<i>Teutonic</i>	H	1000.7	+2	S	1-3	bc	"	55	17	<i>Virginian</i>	H	995.6	0	S	4-5	c
"	55	13	<i>Virginian</i>	H	1000.3	+1	SSE	4-5	bc	"	51	17	<i>Royal Edward</i>	O	1004.4	-1	WSW	4-5	bc
1 p.m.	55	15		H	998.3	-1	S	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	5	63	49	b. bc	c. or	12	England, S.E.	Tunbridge Wells	62	50	b. bc. o	o	4.0	
	Stonehaven	-	62	44	bc	c.	5.9		Margate	68	53	b	b. bc. c	7.0	
	Carnoustie	-	61	46			3.6		Ramsgate	66	51	b	m	9.8	
	St. Andrews	-	63	46	bc.	f	2.3		Folkestone	64	53	b. bc	bc. o.	7.3	
	Bonff	-	67	46	b. bc	c. o.	7.8		Hythe	69	46	b	o	7.0	
Eng. N.E.	Harrogate	-	66	44	c	c.	1.7	Littlestone	*	*	*	*	7.5		
	Scarborough	-	66	52	o. c.	c. b.	5.5	Hastings	-	-	b. bc.	bc. o.	6.7		
Eng. N.W.	Skegness	-	68	55	b	bc. og	4.2	Bexhill-on-Sea	-	-	65	57	b	bc. o.	3.2
	Douglas (I. of M.)	11	60	52	o	or	0.0	Eastbourne	-	-	65	54	b	og	4.7
	Morecambe	-	-	-	-	-	-	Seaford	-	-	67	57	b	c	4.7
	Blackpool	-	-	-	-	-	-	Brighton	-	-	65	52	c. o	o	3.3
	Southport	2	64	49	o. c. o	or	1.3	Worthing	-	-	65	50	c. o.	o	2.4
Mid-lands.	Buxton	-	63	46	bc	c	0.3	Littlehampton	-	-	70	50	b. bc.	o. c. og	1.7
	Leamington Spa	-	68	53	c. b.	o	2.0	Bognor	-	-	64	52	b	o	1.6
	Malvern	-	65	54	c	c	0.0	Southsea	-	-	64	53	o	o	1.3
	Ross-on-Wye	0.3	66	49	o	o	0.0	Ryde	-	-	64	52	o	o	1.5
	Rhyl	2	64	48	o	o	0.2	Ventnor	-	-	66	55	o	o	1.5
Wales.	Colwyn Bay	7	64	51	c	r	0.3	Bournemouth	-	-	65	52	o	o	0.0
	Llandudno	8	63	52	o	r	0.1	Penzance	10	59	or	or	0.0		
	Bettws-y-Coed	-	-	-	-	-	-	Weymouth	-	-	64	54	o	or	0.0
	Aberystwyth	4	63	54	o. or	r. o	0.0	Exmouth	0.3	63	57	bc. o.	bc.	0.0	
	Tenby	4	62	53	or	r	0.0	Teignmouth	-	-	63	54	c. o. d	or	0.0
England, E.	Swansea	9	65	59	or	or	0.0	Torquay	-	-	63	54	o	c. o	0.0
	Cromer	-	72	48	b	o	7.0	Paignton	-	-	63	52	op	op	0.0
	Lowestoft	-	66	49	b	bc. o.	8.6	Plymouth	3	61	55	or	or	0.0	
	Felixstowe	-	64	53	bc	o	7.9	Falmouth	9	59	56	or	or	0.0	
	Walton-on-Naze	-	64	53	b. m. bc.	c. m. or	6.9	Bude	5	62	55	m. bc. o.	or	0.0	
	Southend-on-Sea	-	70	54	o. bc. b.	bc. o.	5.7	Ilfracombe	4	64	57	or	or	0.0	
								Weston-super-Mare	0.3	66	55	c.	or	0.0	

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 65° and 70° in most parts of England and Ireland, and to 72° at Cromer. The amount of bright sunshine was mostly small. Rain was experienced in most districts. Wireless reports show that between the Irish coasts and the 21st meridian ships experienced moderate to fresh breezes from South or South-West and fair weather; further to the westward the wind was North-Westerly and the weather cloudy, with 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.

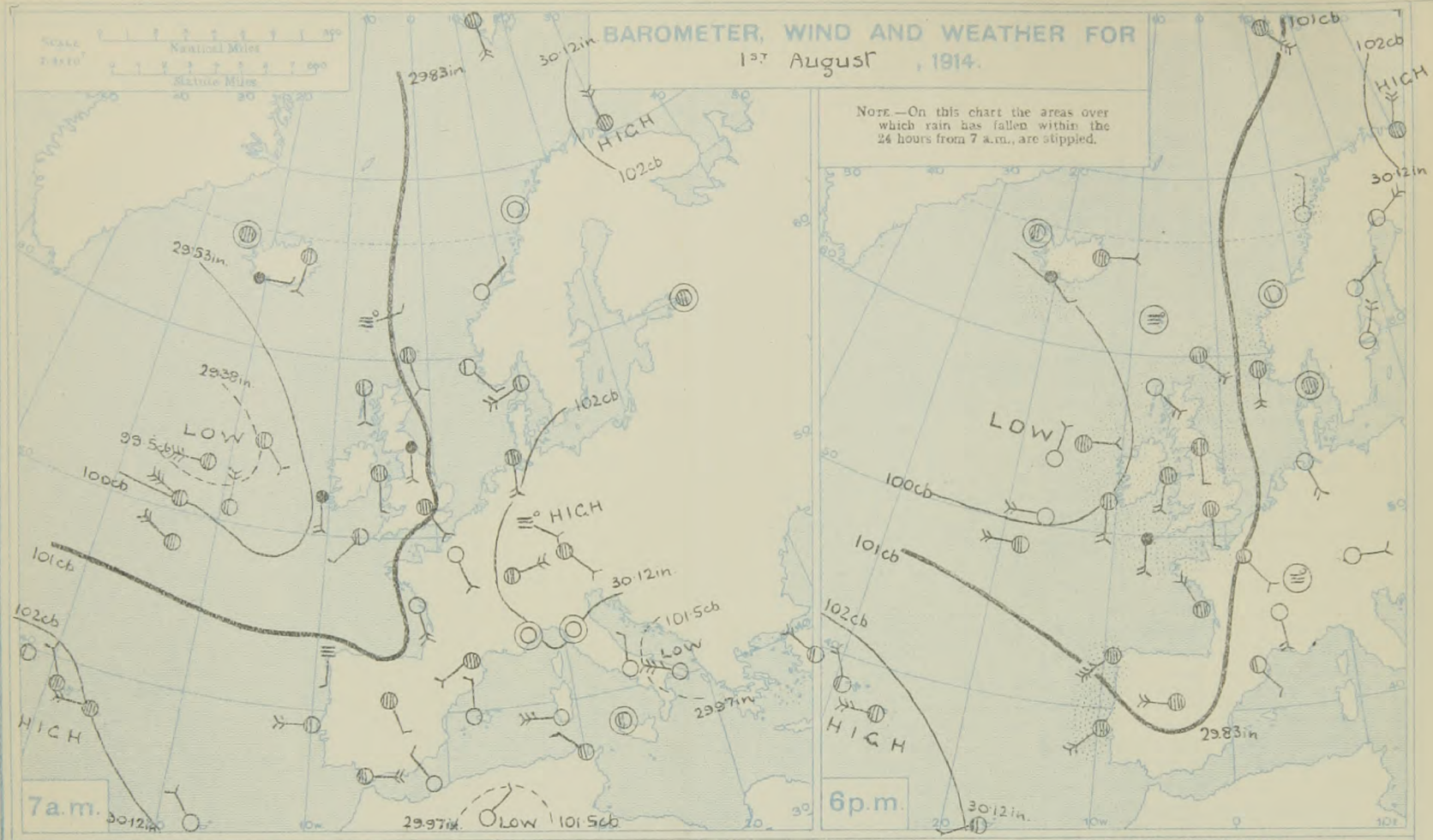
The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at M.O. and at the bookstalls at certain Railway Terminals in London.

Sunday,  
2nd August 1914.

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

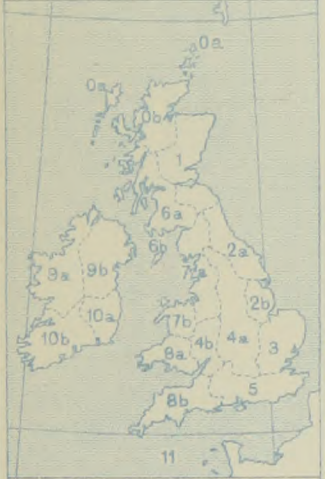
1 Millimeter = .03937 inch.  
 Rainfall amounts expressed in Millimeters may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 1% per cent.)

‡ The barometric change is expressed in half-millibars.



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

**FORECAST DISTRICTS.**



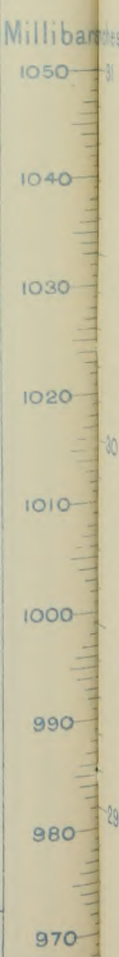
**STORM WARNINGS.**  
 The Coasts upon which the Warning Signals are at present displayed are indicated thus:—  
 Signals hoisted yesterday.      Signals hoisted this morning.  
 South Cone.      South Cone.  
 North Cone.      North Cone.

**NO WARNINGS  
ISSUED.**

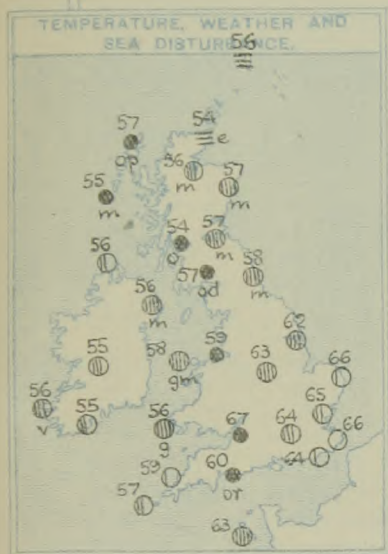
Western Channel and Bay. 11

**FURTHER OUTLOOK.**

		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.
Station		Eskdalemuir		Eskdalemuir		S. Farnborough									
Date & Hour.		27th	12h.	31st	10h.	31st	10h.								
Heights in Kilometres.	6					+3	+7								
	5					+4	+6								
	4					+3	+7								
	3					+3	+6								
	2			+2	+12	+1	+5								
	1	+1	-3	-1	+6	-2	+8								
	0.5	-1	-2	-1	-	0	+6								
	0	-1	-1	-2	+3	-1	+4								
Station															
Date & Hour.															
Heights in Kilometres.															



# SYNOPTIC CHART FOR 7 a.m., Sunday, 2nd AUGUST, 1914.



Millinches.

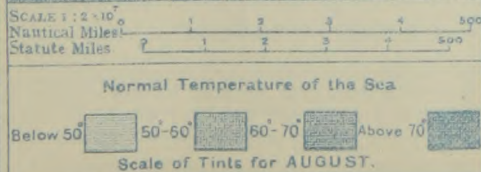
31

104

103

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 wavy. High wavy.

## 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.	
1st 6 p.m.	49	24	Haverford	O	1009.8	+4	NW	6-7	o	1st 6 p.m.	55	12	Corsican	H	996.9	o	E	1-3	o
"	48	17	Finland	H	1004.7	o	W	4-5	c	"	50	21	Haverford	O	1003.0	+3	WNW	6-7	c
"	48	16	Minneapolis	H	1004.4	o	NW	1-3	bc	"	48	21	Finland	H	1007.1	-4	WNW	4-5	c
"	50	15	Andania	H	1000.7	+1	W	4-5	b	"	48	20	Minneapolis	H	1004.4	-1	NW	4-5	o
"	54	15	Caledonia	H	996.3	+1	NNE	1-3	b	"	52	20	Caledonia	H	994.6	-2	W	6-7	c
"	55	15	Calgarion	O	1001.0	+1	NE	1-3	b	"	50	19	Andania	H	998.6	-2	N	4-5	bc

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

STATIONS.		Rainfall. mm. & in.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.		Rainfall. mm. & in.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	...	62	54	*	*	31	England, S.E.	Tunbridge Wells	...	71	59	bc. o	c. o	4.2
	Stonehaven	...	62	54	*	*	31		Margate	...	71	61	b	bc	8.0
	Carnoustie	...	62	54	*	*	31		Ramsgate	...	71	61	b	bc	8.0
	St. Andrews	...	62	54	*	*	31		Folkestone	...	71	61	b	bc	7.6
	Barrow	...	62	54	*	*	31		Hythe	...	71	61	b	bc	7.6
Eng. N.E.	Harrogate	...	66	53	bc	bc	5.1	England, S.E.	Littlestone	...	71	61	b	bc	9.1
	Scarborough	...	66	53	bc	bc	5.1		Hastings	...	71	61	bc	bc	6.3
	Skegness	...	68	50	o	o	0.0		Bexhill-on-Sea	...	71	62	b	bc	7.5
	Douglas (I. of M.)	...	66	55	o	bc	4.0		Eastbourne	...	71	62	o. b	bc	6.8
	Morecambe	...	66	55	o	bc	4.0		Seaford	...	71	62	o. b	bc	6.0
Eng. N.W.	Blackpool	...	66	55	o	bc	3.9	England, S.W.	Brighton	...	71	62	o. c. bc	bc	5.3
	Southport	...	66	55	o	bc	3.0		Worthing	...	71	62	o. c. bc	bc	5.3
	Buxton	...	66	52	o	bc	2.0		Littlehampton	...	69	60	bc	bc	3.9
	Leamington Spa	...	66	52	o	bc	2.0		Bognor	...	71	61	b	e	3.2
	Malvern	...	67	53	o	bc	0.0		Southsea	...	71	61	b	e	3.2
Mid-lands.	Ross-on-Wye	...	66	54	o	bc	0.9	England, S.W.	Ryde	...	71	61	b	e	3.2
	Rhyl	...	66	57	bc	bc	2.8		Ventnor	...	71	61	b	e	3.2
	Colwyn Bay	...	66	54	o	bc	3.0		Bournemouth	...	67	58	d. o	o	0.1
	Llandudno	...	66	54	o	bc	3.0		Weymouth	...	66	58	o. c. o	o	0.0
	Bettws-y-Coed	...	66	54	o	bc	3.0		Exmouth	...	66	57	o	o	0.9
Wales.	Aberystwyth	...	66	54	o	bc	3.0	England, S.W.	Teignmouth	...	66	57	o	o	0.9
	Tenby	...	66	54	o	bc	3.0		Torquay	...	66	57	o	o	0.9
	Swansea	...	66	54	o	bc	3.0		Paignton	...	67	56	o	o	0.2
	Cromer	...	72	58	c	c	2.4		Plymouth	...	62	57	c. b	o	1.1
	Lowestoft	...	72	58	c	c	2.4		Falmouth	...	61	56	o	o	1.1
England, E.	Felixstowe	...	72	58	c	c	2.4	England, S.W.	Bude	...	64	55	b	e	3.6
	Walton-on-Naze	...	72	58	c	c	2.4		Ilfracombe	...	67	57	o. cp	p. o	1.5
	Southend-on-Sea	...	72	58	c	c	2.4		Weston-super-Mare	...	67	57	o. cp	p. o	1.5

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	p.m.	a.m.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
	Yester- day.	To- day.		Max.	Min.		24 HOURS ENDED 9 A.M. TO-DAY.		
Greenwich (Royal Obs.)	51	84	4.4	82	58	53	7	bc	bc. cp
City (Bunhill Row)	...	...	2.9	...	...	...	...	...	...
Westminster (St. James's Pl.)	67	83	4.1	76	57	57	6	bc. b	bc. bc
Camden Sq. (Brit. Rainfall)	59	65	3.2	79	59	55	4	c	bc. c
Hampstead (Reservoir)	...	78	1.9	74	58	53	7	cp	o
Richmond Park	...	...	3.5	...	...	...	...	...	...
Kew. (See front page.)	...	...	...	...	...	...	...	...	...
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
S. Kensington (Roof of M.O.)				Total.	Average Rate.		Max. Rate.		
				Joules	Milliwatts.		Milliwatts.		

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.			Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.				
Dublin to 4 p.m.	Trace	66	56	53	p. c. b	bc. p	c. o
Darwen to 9 p.m.	20	64	53	52	o. r	o. r	bc. o
Manchester	...	...	...	...	...	...	...
Birmingham	6	67	53	50	o. r	o	o
Oxford to 8 p.m.	...	68	58	55	o. r	o. r	o. r
S. Kensington (Museum Grounds to 6 p.m.)	1	76	62	57	o. c	c. o. r	o

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

2nd & 3rd August, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.15 4.17	G.M.T. 11.59 11.59	G.M.T. 7.43 7.41
Greenwich	4.26 4.28	12.6 12.6	7.46 7.44
Wick	4.6 4.9	12.8 12.8	8.30 8.27
Valencia	5.5 5.7	12.47 12.47	8.30 8.28

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 70° and 75° in the south and east of England and reached 80° at Southend-on-Sea. The amount of bright sunshine was generally small, but more than 8 hours were recorded on the Kentish coast. Rain fell in most districts, and a thunderstorm occurred at Kew Observatory during the night. Wireless reports showed that moderate to strong winds from the West or North-West prevailed as far west as the 22nd meridian, with fair but cloudy weather.

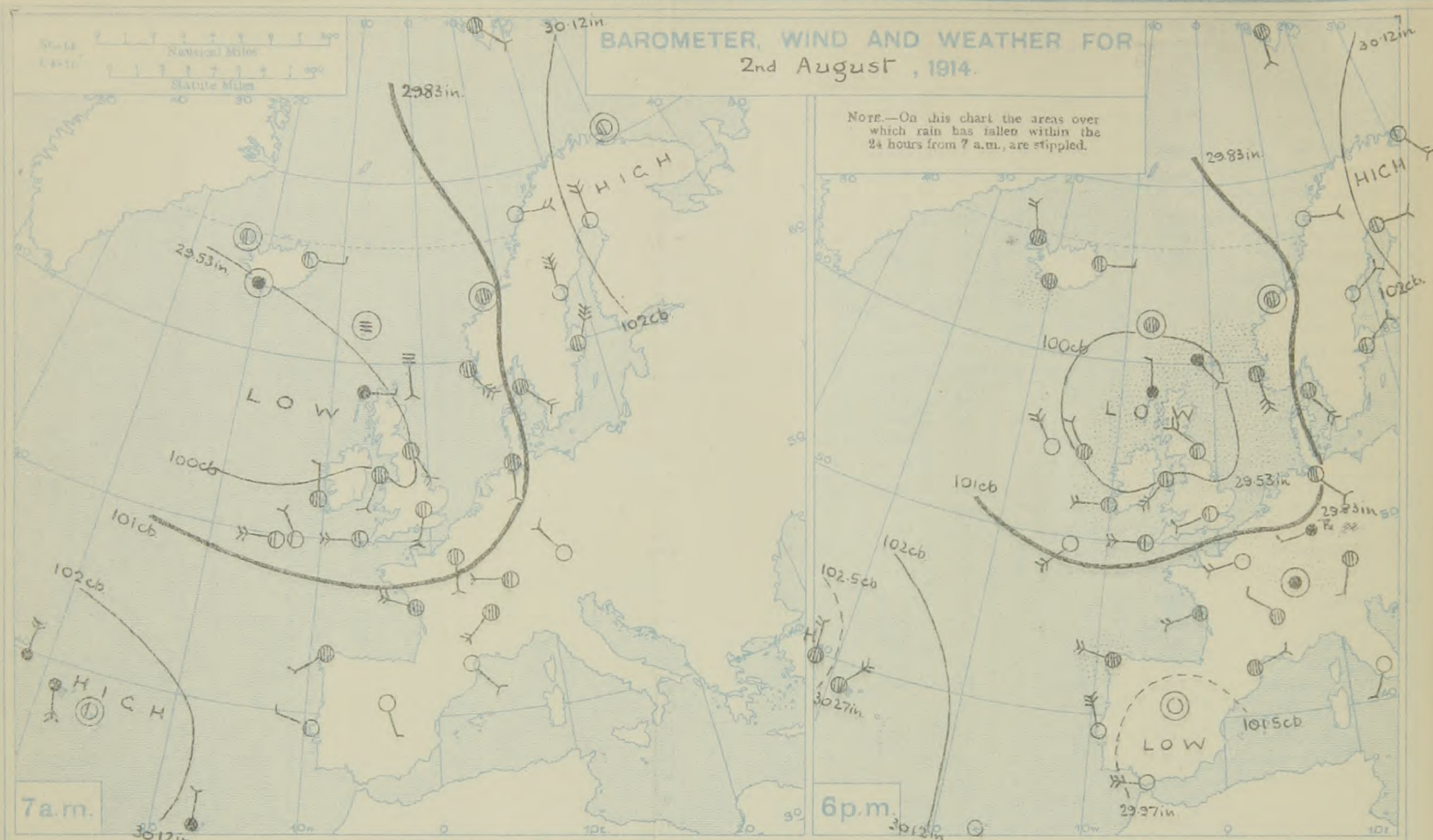
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; o. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain;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

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## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

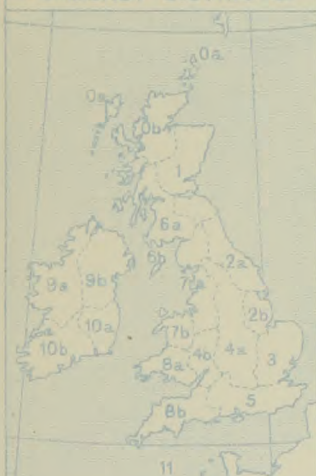
Monday,  
3rd August 1914.

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.		Dir. of Upper Cloud.	Weather.	Sea (0-9).	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
				Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours. °F.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Lerwick ...	998.7	57	SE	2	f	994.9	+1	56	0	SSW	5	S	ce	3	3	59	54	f	fd	f.m.			
	Stornoway ...	997.0	58	N	1	op	994.8	-1	54	-3	WSW	2	-	od	2	14	61	53	op.o	op	od	0.0		
	Castlebay (Barra Isd.)	997.4	58	W	3	c	996.3	0	55	0	W	3	-	o	3	3	61	54	m.o.	o.c.	c.b.c.	3.5		
	Glasgow ...	997.7	59	WSW	2	bc	997.6	0	55	+1	SW	3	-	o	*	8	59	53	otm	op.o.c.	bc.o.c.	1.1		
	Eskdalemuir ...	998.7	54	SW	3	ot	1001.4	0	52	-5	SSW	4	-	p	*	17	59	51	ot	ot	op	0.1		
	Malin Head ...	998.5	58	WSW	2	bc	998.5	0	55	-1	SW	5	SW	r	3	8	61	53	bc	bc	omv	6.3		
	Blacksod Point																							
	Valencia ...	1006.1	59	W	3	bc	1006.8	+1	56	0	WSW	1	-	c	4	0.4	61	54	bcp	bc	cp	9.9		
	Roche's Point	1005.1	62	N	3	c	1008.1	*	56	+1	NW	1	NW	c	2	6	64	51	cp	cp	c.b.c.	*		
	Birr Castle ...	1002.9	61	SW	5	c	1004.9	*	55	0	SSW	1	-	bc	*	1	63	51	cp	cp	bc	8.4		
	Donaghadee ...	999.2	59	N	2	cp	1001.2	0	56	0	WNW	4	W	bcq	3	5	62	53	emp	emp.bc	cp.bq	*		
	Liverpool (Bidston)	1002.2	60	SE	3	bc	1005.1	+3	56	-3	SSW	3	-	b	2	6	64	53	ot	bc	c.b.	3.1		
	Holyhead ...	1002.8	60	SW	5	cg	1006.1	+1	57	-1	SW	4	W	bcq	3	1	64	55	opd.f.c	bc.op.c	o.b.c.	4.8		
	Pembroke (St. Ann's)	1005.9	62	WSW	5	bc	1007.6	+1	57	+1	WSW	4	W	c	4	1	60	56	og	cp.cq	bcq	9.2		
	Newquay ...	1007.6	59	WSW	5	b	1009.0	0	59	+3	W	3	W	bc	3	-	63	55	bu	bu	b.b.c.	12.2		
	Scilly (St. Mary's)	1008.1	61	W	4	bc	1009.5	0	57	0	W	3	W	cs	3	3	63	54	bc	b.b.c.	c.b.c.	12.5		
	Jersey (St. Aubin)	1010.8	63	SW	3	ogp	1011.3	*	60	-3	SW	3	SW	c	2	6	66	58	c.b.c.	c.op.og	ot.od	6.2		
	Portland Bill ...	1007.7	60	WSW	6	b	1009.7	0	59	-1	SW	4	SW	bc	4	2	62	56	r.c	bc	b.b.c.	*		
	Dungeness ...	1007.4	63	WSW	8	bc	1010.5	+1	60	-4	SSW	5	SW	c	4	-	69	59	bc.og	bcq	bc	*		
	Dover ...	1007.9	62	SW	5	b	1011.0	*	60	-6	SW	4	SW	c	3	-	68	55	b.c.c.	c.b.c.	b.b.c.	10.3		
ICELAND, FAEROE, &c.	Wick ...	996.3	55	-	0	f	995.6	+2	57	+3	SSW	3	-	bc	3	16	57	52	fe.f	f	foi.b.c.	*		
	Nairn ...	995.8	56	-	0	r	996.0	*	57	+1	WNW	1	-	bc	1	26	57	50	md	r	r.c.	0.0		
	Aberdeen ...	994.8	57	S	1	r	998.3	+1	56	-1	SSW	2	-	o	2	6	61	50	omr	f.m.or	ot.c.	0.0		
	Leith ...	996.8	59	SW	2	o	999.3	+1	59	+2	SW	3	SW	c	3	5	60	55	ot	ot.c.	c.b.c.	1.4		
	Tynemouth ...	998.4	63	WNW	3	bc	1003.9	+1	59	+1	SW	3	W	c	3	10	63	54	omv	bcp	bc.o.	1.4		
	Spurn Head ...	1002.2	62	W	3	c	1006.7	+1	58	-4	WSW	4	W	bc	3	5	69	53	c	eltr	eltr.b.c.	4.1		
	Yarmouth ...	1003.8	70	W	5	bcq	1009.4	+1	57	-9	SW	2	SW	bc	1	-	74	64	b.b.c.	bcp.o	bc	12.8		
	Clacton-on-Sea	1005.1	65	SW	5	bc	1008.4	+1	60	-5	SW	4	SW	bc	4	0.3	72	57	bcq.p	bcq.p	bcp.b	9.7		
	Nottingham ...	1002.9	65	SW	4	bc	1007.2	*	56	-7	SW	2	SW	c	*	10	66	52	o.c.	rop.c	bc.b	0.7		
	Bath ...	1007.1	65	WSW	4	b	1009.5	*	59	-8	SE	5	NW	c	*	4	68	52	r.o	o.c	b.b.c.	?		
	London (Kew Obsy.)	1006.8	64	WSW	2	bc	1010.1	+1	59	-5	SSW	3	W	c	*	4	69	54	c.cq	cg.rop.c	bc	5.3		
	NORTHERN EUROPE.	Spitzbergen ...	1018.1	43	S	2	o	1020.3	0	43	0	S	1	*	b	*	-	45	43					
Isafjord ...		1004.8	57	HNW	3	o	1006.7	+2	47	-5	-	0	*	f	*	*	*	*						
Reykjavik ...		1003.5	55	SSW	1	o	1006.6	+2	51	-1	E	2	*	o	*	*	*	*						
Vestmanna ...		1003.4	53	-	0	o	1005.2	-1	50	+1	-	0	*	c	*	*	*	*						
Seydistjord ...		1002.3	65	E	1	c	1004.3	+1	43	-4	-	0	*	f	*	*	*	*						
Thorshavn ...		1001.3	59	-	0	o	999.5	-3	51	+1	NE	2	*	r	*	*	*	*						
Vardö ...		1024.4	45	SE	3	b	1025.0	0	46	-3	SE	2	-	o	2	-	48	43						
Bodö ...		1013.9	59	E	2	b	1012.6	-1	59	+4	E	4	-	b	2	-	66	55						
Christiansund		1007.5	68	-	0	c	1006.6	0	66	+5	ESE	2	-	o	2	-	70	61						
Skudesnaes ...		1003.7	64	SSE	5	o	1003.8	+2	61	-3	WSW	6	-	c	4	32	64	61						
Færder (X'ianta Fjord)		1010.9	64	MNE	1	o	1009.0	0	59	-5	SE	6	-	o	3	8	66	59						
The Scaw (Skagen)		1009.5	68	SE	4	o	1007.9	0	66	+5	SE	5	-	o	5	10	70	57						
CENTRAL EUROPE.	Blaavands Huk	1006.4	64	SSE	2	c	1009.6	+4	61	-3	SW	3	-	bc	3	1	72	59						
	Haparanda ...	1020.0	52	E	2	bc	1019.1	+1	52	?	E	2	-	o	*	-	64	46						
	Hernösand ...	1017.7	55	NE	2	b	1017.2	0	55	-2	H	2	NE	b	*	-	59	50						
	Stockholm ...	1015.4	59	NE	2	bc	1014.5	0	57	-2	NE	2	-	o	*	-	64	54						
	Wishby ...	1015.4	59	NE	2	bc	1013.7	-1	59	-2	SSE	2	-	o	*	-	63	55						
	Karlstad ...	1013.0	70	SE	2	c	1013.1	0	61	-3	SE	4	-	o	*	-	73	57						
	St. Petersburg																							
	Berlin ...																							
	Frankfurt ...	1011.0	73	WSW	1	br	1016.0	+2	66	+2	-	0	SW	bc	*	5	77	57						
	Munich ...	1013.1	70	SSW	1	c	1017.5	+1	63	+1	SW	2	-	c	*	3	79	59						
	Vienna ...																							
	FRANCE.	Cuxhaven ...																						
The Helder ...		1005.1	64	SSW	5	bc	1011.1	+1	63	-5	SSW	3	SW	c	2	1	75	61						
Brussels ...		*	*	*	*	*	1013.1	0	61	-5	SW	2	-	b	*	1	74	54						
C. Gris Nez ...		1008.0	63	WSW	7	bc	1011.3	+1	61	-5	SW	4	*	o	3	8	73	57						
La Hève ...		1011.8	64	W	5	b	1013.0	*	59	-6	SW	4	*	o	4	-	72	57						
Ushant ...		1011.7	56	SW	2	c	1011.7	*	59	*	W	3	*	c	*	-	63	54						
Brest (St. Mathieu)		1012.3	62	SSW	2	b	1012.7	0	59	0	SSW	3	*	c	2	-	68	57						
Rochefort (Ile d'Aix)		1015.5	68	WSW	3	c	1014.6	0	63	-1	SSE	2	*	o	*	-	72	63						
Biarritz ...		1015.7	67	MNE	3	o	1013.9	-1	64	-3	E	2	*	th	4	-	75	63						
Paris ...		1012.0	70	WSW	3	b	1015.1	+1																



FORECAST 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 Coast.	South Coast.
North Coast.	North Coast.

NO WARNINGS  
ISSUED.

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

Wind between South and West, light or moderate, fresh at times locally; some rain or passing showers, considerable fair intervals; moderate temperature.

Wind mainly south-westerly, light or moderate, fresh at times locally, fair generally, some local showers; moderately warm, atmosphere close.

Same as Nos. 0 and 1.

Same as Nos. 3 to 5

Same as Nos. 0 and 1.

Same as Nos. 3 to 5.

Westerly and South-westerly winds, light to fresh; sea moderate or slight; some showers, otherwise fair.

Millibar  
1050  
1040  
1030  
1020  
1010  
1000  
990  
980  
970

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

## GENERAL INFERENCE.

Depressions of slight or moderate intensity will continue to pass in an easterly or north-easterly direction across the United Kingdom, and maintain the weather in an unstable condition.

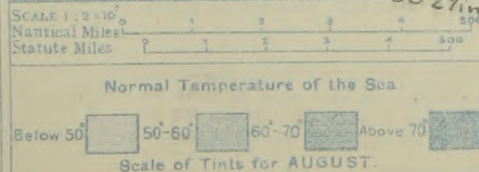


31 Inches.

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:—

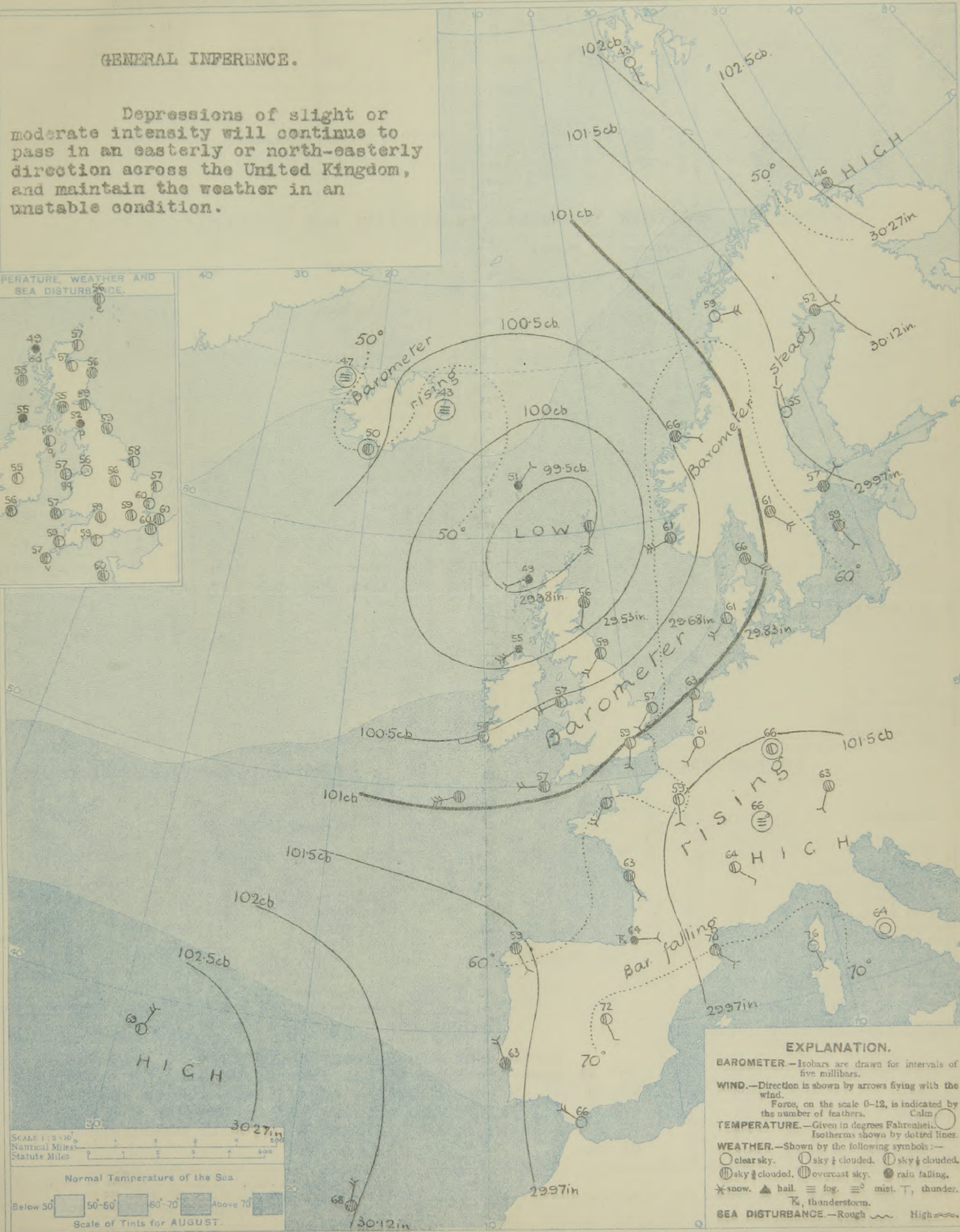
○ clear sky. ○ sky & clouded. ○ sky & clouded.

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

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

⚡, thunderstorm.

**SEA DISTURBANCE.**—Rough High



## DAILY WEATHER REPORT.

Monday, 3rd August, 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.	
3rd, 7 a.m.	49	11	<i>Minnistanka</i>	O	1009.2	-1	WSW	6-7	c.	2nd, 6 p.m.	55	16	<i>Humidian</i>	O	1004.4	+1	NW	4-5	b
2nd, "	49	12	<i>Finland</i>	H	1006.4	+1	W	4-5	bc.	"	55	12	"	O	998.6	+3	NNW	1-3	o
"	49	11	<i>Minnapolis</i>	H	1005.4	+2	NW	1-3	b.	"	49	12	<i>New York</i>	O	1013.5	+1	SW	4-5	b
"	55	6	<i>Laurin</i>	H	?	-3	WSW	1-3	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.
Banff ...		1	66	55	o	r	0.0	Margate ...		2	69	58	b.c.o.	o.b.c.	6.6
Stonehaven ...								Ramsgate ...		1	73	61	b	b	10.5
Carnoustie ...		16	59	54	*	*	0.0	Folkestone ...		-	66	60	b.c.o.	o.b.c.	9.0
St. Andrews ...								Hythe ...							
Eng. N.E.	Harrogate ...	12	64	56	o.p.	o.p.c.b.	2.2	Eng. S.E.	Littlestone ...	*	68	60	o.p.b.c.	b.c.	9.8
	Scarborough ...	*	69	59	c.b.	o.p.c.b.	2.9		Hastings ...	1	68	61	o.p.b.c.	b.c.	6.3
	Skegness ...	15	70	60	b.c.p.	r.c.b.c.	6.8		Bexhill-on-Sea ...	1	67	61	o.	b	8.6
Eng. N.W.	Douglas (I. of M.) ...	10	65	55	o.b.c.	b.c.	5.5	Eng. S.W.	Eastbourne ...	1	66	61	b.o.p.	b.g.	8.5
	Morecambe ...	11	62	58	r.b.c.	b.c.	1.5		Seaford ...						
	Blackpool ...	13	63	58	o.r.	c	4.3		Brighton ...	3	65	61	o.c.	c	4.4
Midlands.	Southport ...	8	64	58	o.r.	c.b.c.b.	4.5	Wales.	Worthing ...	5	66	61	o.c.	b.c.	5.5
	Buxton ...	38	63	54	o.r.	b.c.	2.5		Littlehampton ...	2	68	61	c.b.c.c.	b.c.b.	6.9
	Leamington Spa ...	13	67	59	o.r.	o.b.c.	3.8	England, E.	Bognor ...	3	66	62	b	b.c.	7.1
Wales.	Malvern ...	9	66	58	r.o.	c.b.c.	3.5		Southsea ...	0.3	68	61	o.r.	b.c.	6.8
	Ross-on-Wye ...	5	68	60	o.r.b.c.	b.c.g.	5.7		Ryde ...	6	66	61	p	b.c.	6.0
England, E.	Rhyl ...	7	65	58	r.o.	b.c.	5.0	England, S.W.	Ventnor ...	5	64	59	r.c.	b.c.b.	6.0
	Colwyn Bay ...	5	65	58	r.b.c.	b.c.	5.2		Bournemouth ...	13	66	59	r.c.	b.c.b.	8.0
	Llandudno ...	5	65	57	o.p.	b.c.	6.0	England, S.W.	Weymouth ...	15	66	59	c.b.c.	b	8.0
England, E.	Bettws-y-Coed ...								Exmouth ...						
	Aberystwyth ...	7	62	57	r.o.c.	c.b.c.	6.5		Teignmouth ...	8	68	59	b.c.	b.c.	8.5
	Tenby ...							England, S.W.	Torquay ...	9	66	59	b.c.	b.c.	9.7
England, E.	Swansea ...	19	65	59	c	c	6.8		Paignton ...						
	Cromer ...	10	75	60	b	b	9.7		Plymouth ...	9	65	56	c.b.	c.b.	12.0
	Lowestoft ...	1	73	63	b.c.	c.b.c.	11.4	England, S.W.	Falmouth ...	17	66	57	b.c.	b.c.	10.1
England, E.	Felixstowe ...	-	72	63	b.c.	b.c.c.	11.0		Penzance ...	9	62	60		b.c.	8.6
	Walton-on-Naze ...	1	71	63	b.p.g.c.	o.p.b.c.	9.6		Bude ...	9	63	56	c.p.c.	b.c.	8.0
	Southend-on-Sea ...	0.3	72	62	b.b.c.p.	b.c.	8.0	England, S.W.	Ifracombe ...	9	63	56	c.p.c.	b.c.	8.0
									Weston-super-Mare ...	8	65	59	r.b.c.b.	b	7.5

## 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.			Forenoon.	Afternoon.	Night.
	%	%		Max.	Min.	24 HOURS ENDING 9 A.M. TO-DAY.				
Greenwich (Royal Obs.) ...	81	66	5.2	73	53	49	5	cp	cp	c
City (Banhill Row) ...	*	*	5.5	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	*	*	5.5	*	*	*	*	*	*	*
Camden Sq. (Brit. Rainfall)	-	68	4.8	74	55	51	3	-	-	*
Hampstead (Reservoir) ...	*	75	4.4	68	53	49	5	o.p.	o.p.c.	c
Richmond Park ...	*	*	5.3							
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	-	81	4.9	Joules		Milliwatts.		Milliwatts.		

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

3rd & 4th August, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.17 L.M.T. 4.19	G.M.T. 11.59 L.M.T. 11.59	G.M.T. 7.41 L.M.T. 7.39
Greenwich ...	G.M.T. 4.30 L.M.T. 4.30	G.M.T. 12.6 L.M.T. 12.6	G.M.T. 7.42 L.M.T. 7.42
Wick ...	G.M.T. 4.9 L.M.T. 4.12	G.M.T. 12.18 L.M.T. 12.18	G.M.T. 8.24 L.M.T. 8.24
Valencia ...	G.M.T. 5.7 L.M.T. 5.9	G.M.T. 12.47 L.M.T. 12.47	G.M.T. 8.28 L.M.T. 8.26

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.

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.			Sun- shine for Yester- day.	
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.		After- noon.
		Max.	Min.					
Dublin to 4 p.m.	5	° F. 65	F. 56	° F. 55	o.r.b.	b.c.	c.p.h.	Hr. *
Darwen to 9 p.m.								
Manchester "								
Birmingham "	9	65	58	56*	r	r.o.	c	3.5
Oxford to 8 p.m.	*	68	59	53	o.r.c.	o.r.c.	b.c.g.	*
S. Kensington (Museum Grounds to 6 p.m.)	5	71	60	53	b.c.	b.c.	o.p.c.	*

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to a little above 70° at some stations in the East of England, but remained below 60° in some Scottish localities. Rain has fallen in nearly all districts, accompanied by thunder and lightning in a few localities. At Nairn the rain measurement was 26 mm.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of 1s 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.

Tuesday,  
4th August, 1914.

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.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 9-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Dirac.	Force 0-12.						Dirac.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick ...	998.2	58	SSE	5	bc	998.8	-3	53	-3	SSE	6	-	op	5	4	59	53	bc	bc	bc	bc	6.1
	Stornoway ...	996.8	55	SSE	4	bc	991.8	+3	52	-2	WNW	3	-	odp	3	2	61	51	ad, bc, c	c, bc	odp	odp	6.1
	Castlebay (Barrisd.)	995.7	52	W	6	r													c, or	r			
	Glasgow ...	998.8	52	SW	5	od	1000.3	0	53	-2	WSW	4	-	og		7	61	50	c, adv, q	c, adv, q	or, og	or, og	1.7
	Eskdalemuir ...	1000.6	53	SW	6	or	1002.3	+1	51	-1	SSW	4	W	o		19	59	49	op, o	or, q, or	or, o	or, o	2.6
	Malin Head ...	1000.5	53	WNW	6	r	1001.2	0	55	0	WSW	5	W	bc	4	13	57	52	or, m, q	or, m, q	bc, q	bc, q	0.0
	Blacksod Point																						
	Valencia ...	1007.1	60	WSW	3	bc	1005.4	0	52	-4	SSW	1	-	cv	3	1	61	54	bc	bc	c, b	c, b	7.6
	Roche's Point	1007.2	59	SW	2	c	1007.1	0	56	0	NE	1	NW	c	2	2	64	52	bc, cpq	bc, cpq	c	c	*
	Birr Castle ...	1005.4	60	NW	2	c	1005.2	0	53	-2	SW	1	-	o		1	64	49	cp	cp	c, op	c, op	7.3
	Donaghadee ...	1002.6	56	W	4	chp, q	1003.8	0	53	-3	SW	3	SW	c	3	2	63	50	cpq	cpq	bc, c	bc, c	*
	Liverpool (Bldston)	1004.2	61	SW	3	b	1004.8	0	56	0	SW	2	W	bc	1	-	67	54	bp	b	bc	bc	10.3
	Holyhead ...	1005.7	59	WSW	4	op	1005.8	0	57	0	WSW	3	W	og	2	03	64	54	bc, c, bc	b, bc, p	op, c, p	op, c, p	8.5
	Pembroke (St. Ann's)	1006.8	59	W	3	b	1006.2	0	57	0	WNW	1	W	c	1	-	62	55	c	bc	b	b	2
	Newquay ...	1007.4	60	WSW	3	bc	1007.7	+1	59	0	WSW	4	W	b	3	2	64	53	br	br	b, bc	b, bc	11.9
	Scilly (St. Mary's)	1008.0	67	WSW	2	cp	1007.1	0	56	-1	W	1	W	cv	2	2	64	53	bc, p	bc, p	cp, bc	cp, bc	3.9
	Jersey (St. Aubin)	1010.9	62	WSW	3	c	1009.4	0	58	-2	SW	3	SW	bc	3	13	65	57	cor, o	o, c	or, bc	or, bc	3.8
	Portland Bill ...	1008.7	60	SW	4	bc	1007.6	0	59	0	WSW	4	SW	bc	4	1	62	56	bc	c, bc	bc	bc	*
	Dungeness ...	1010.0	64	SSW	4	c	1009.9	+1	61	+1	SW	4	SW	bc	4	-	66	58	bc	bc	bc, bc	bc, bc	*
	Dover ...	1008.7	61	SSW	4	b	1008.0	0	61	+1	SSW	4	SW	bc	3	-	64	54	c, bc, b	bc, c, b	b, bc	b, bc	9.2
Wick ...	994.5	57	SSE	3	bc	991.9	-1	53	-4	S	4	-	o	4	1	60	51	bc	bc	cp, mp	cp, mp	*	
Nairn ...	993.6	57	W	4	c	993.8	0	52	-5	WNW	2	-	og	2	3	67	50	pa, c	bc, p, q	bc, c	bc, c	7.7	
Aberdeen ...	996.6	59	SSE	5	c	997.4	+1	53	-3	SSW	2	-	omp	3	7	63	50	o, bc	bc, c	c, or	c, or	9.2	
Leith ...	999.0	58	SW	4	o	999.9	+2	55	-4	WSW	4	W	o	1	1	65	53	cp, c	op	op, c	op, c	*	
Tynemouth ...	1002.7	62	W	4	bc	1003.3	+1	55	-4	SW	2	W	cm	2	-	65	53	bc	bc	bc	bc	*	
Spurn Head ...	1005.4	65	SSW	3	bc	1005.1	0	57	-1	SW	3	-	bc	2	-	72	53	bc	bc	bc	bc	7.5	
Yarmouth ...	1007.7	62	WSW	3	c	1006.9	0	56	-1	W	2	W	bc	2	-	69	54	bc, c	c	bc	bc	7.1	
Clacton-on-Sea	1007.8	65	SSW	3	c	1007.1	0	59	-1	WSW	2	W	bc	2	-	69	53	bc, c	c	c, bc	c, bc	8.5	
Nottingham ...																							
Bath ...						1007.1	0	55	-4	W	1	NE	bc			66	47			cr	cr	3.7	
London (Kew Obs.)	1008.0	64	WNW	1	br	1007.7	+1	57	-2	SW	1	W	o			68	53	c, cr	cr, or, br	br, bc, o	br, bc, o	8.6	
ICELAND, FAEROE, &c.	Spitzbergen ...	1019.3	44	NE	2	o	1016.9	-1	45	+2	-	0	*	b	*	-	45	41					
	Isafjord ...	1008.8	54	E	3	b	1013.5	+1	46	-1	-	0	*	f	*	*	*	*	*	*	*	*	*
	Reykjavik ...	1006.4	55	NW	4	b	1010.0	+2	51	0	N	5	*	b	*	*	*	*	*	*	*	*	
	Vestmanna ...	1004.3	52	W	5	b	1007.0	+1	50	0	-	0	*	b	*	*	*	*	*	*	*	*	
	Seydisfjord ...	1003.7	62	NE	2	b	1006.6	+3	52	+9	-	0	*	f	*	*	*	*	*	*	*	*	
	Thorshavn ...	995.0	54	SE	3	f	997.1	0	51	0	NE	2	*	f	*	*	*	*	*	*	*	*	
NORTHERN EUROPE.	Vardö ...	1023.3	45	NE	1	o	1021.5	-1	45	-1	E	2	-	r	2	*	46	43					
	Bodö ...	1011.1	63	E	1	b	1010.9	-2	57	-2	E	5	-	b	2	*	68	54					
	Christiansund	1007.9	64	-	0	c	1006.1	-1	63	-3	ESE	1	-	c	2	time	68	57					
	Skudesnaes ...	1006.6	63	S	6	b	1004.4	0	61	0	SE	6	-	c	4		64	57					
	Færder (Xiania Fjord)	1010.6	64	S	2	o	1007.9	-1	63	+4	SE	6	-	o	3	7	64	57					
	The Scaw (Skagen)	1010.4	64	-	0	o	1007.7	-1	63	-3	SSE	3	-	bc	4	10	68	59					
	Blaavands Huk	1010.6	64	SSW	2	c	1006.3	-2	63	+2	SSE	2	-	o	3	2	68	61					
	Haparanda ...	1018.6	55	E	2	o	1016.0	0	54	+2	S	2	-	o	*	-	61	43					
	Hernösand ...	1015.9	55	NE	2	bc	1014.3	0	54	-1	-	0	-	o	*	1	57	48					
	Stockholm ...	1013.9	59	ESE	2	o	1013.1	0	61	+4	ESE	2	-	o	*	-	64	54					
	Wisby ...						1011.9	-1	64	+5	ESE	2	-	o	*	-	64	55					
	Karlstad ...						1011.0	0	61	0	SE	2	-	o	*	4	64	57					
CENTRAL EUROPE.	Berlin ...																						
	Frankfurt ...	1010.7	75	SE	1	c																	
	Munich ...	1010.1	72	E	3	b	1012.7	0	68	+5	NW	5	W	bc			77	59					
	Vienna ...																						
	Cuxhaven ...																						
FRANCE.	The Helder ...	1009.6	63	SSW	3	c	1006.6	-1	59	-4	S	2	-	o	1	6	66	57					
	Brussels ...																						
	C. Gris Nez ...	1009.6	63	SW	4	b	1007.8	0	61	0	WSW	5	*	bc	3	1	66	59					
	La Hève ...	1011.8	64	NW	4	o	1010.1	0	57	-2	SW	4	*	o	4	3	70	54					
	Ushant ...																						
	Brest (St. Mathieu)	1012.8	60	SW	3	c	1010.9	0	59	0	WSW	2	*	c	1	-	66	55					
	Rochefort (Ile d'Aix)	1012.8	65	WNW	3	c	1013.0	0	65	+2	WSW	3	*	c	-	-	70	61					
	Biarritz ...	1014.5	66	WNW	3	o	1014.6	0	62	-2	WNW	2	*	f	1	-	72	61					
	Paris ...	1011.1	65	S	2	bc	1012.6	+3	59	0	SW	2	*	c	*	2	72	55					
	Belfort ...												*	*	*	*							
Lyons ...												*	*	*	*								
Nice ...												*	*	*	*								
Perpignan ...												*	*	*	*								
Sanguinaire ...												*	*	*	*								
SOUTHERN EUROPE.	Corunna (7 a.m.) ...																						
	Madrid (8 a.m.) ...																						
	Lisbon (9 a.m.) ...																						
	Gibraltar ...	1014.2	68	NE	4	bc	1013.9	0															

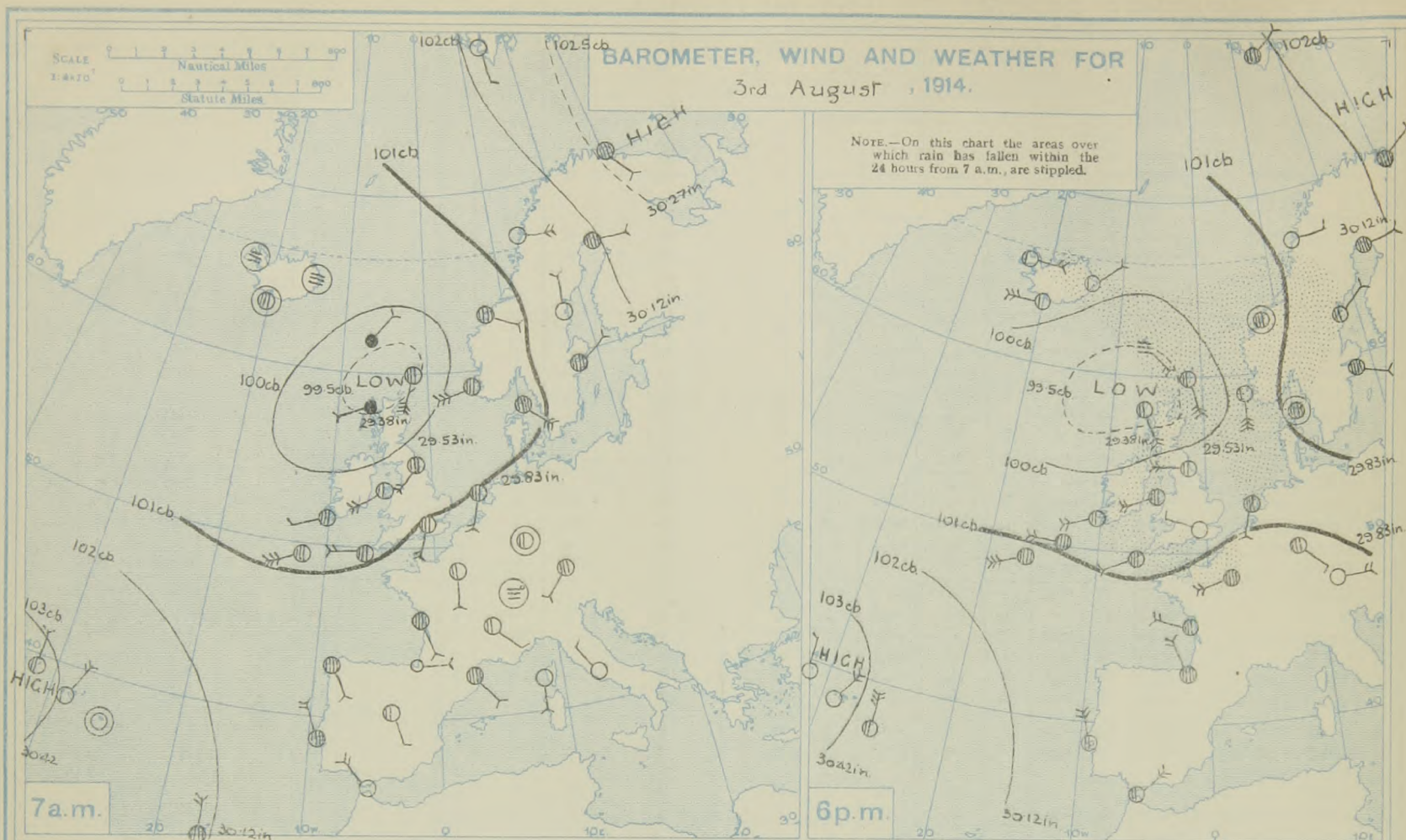
GALES.  
Duration and Extreme Force  
in British Islands.

Eskdalemuir. 3rd. 4 p.m.  
Gust 18 mps (40 mph)

Information for these columns not usually received.

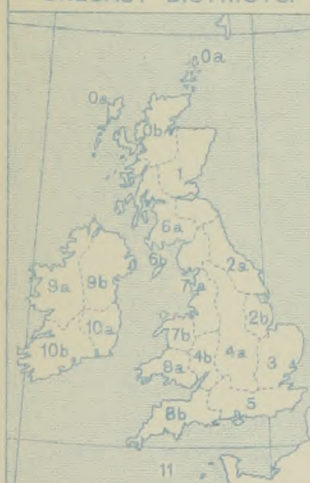
† Received too late for insertion in Charts.

‡ 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, 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.**

Wind between South and West, light to fresh; a good deal of cloud, some rain or passing showers; cool.

Wind Westerly or South-Westerly, light or moderate; local showers, otherwise fair generally; temperature rather low.

Same as Nos. 0 and 1.

Same as Nos. 2 to 5.

Wind between South-West and West, light or moderate, fresh locally; changeable, some showers; moderate or rather low temperature.

Westerly and South-Westerly winds, light or moderate; sea slight; some showers, mostly fair.

Millibars

1050

1040

1030

1020

1010

1000

990

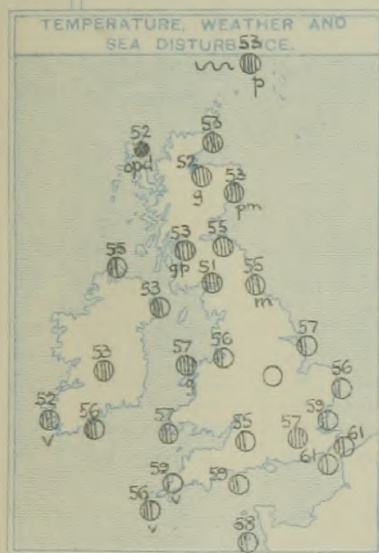
980

970

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

## GENERAL INFERENCE.

There are no indications of any important change in the general distribution of pressure, and an unsettled, showery type of weather will probably continue.



Mill. Inches.

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## DAILY WEATHER REPORT.

Tuesday, 14th August, 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.	
3rd 6 p.m.	49	16	Minnetonka	0	1010.1	-5	WSW	6-7	0	3rd 1 p.m.	50	12	Ionian	0	1009.8	0	WNW	4-5	bc
"	49	14	Kronland	0	1010.5	-4	WNW	4-5	0	" 7 a.m.	49	11	Kronland	0	1009.1	-1	WNW	4-5	c
"	50	13	Ionian	0	1010.1	0	W	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 ... ..	9	58	52	ot	p.r	14	England, S.E.	Tunbridge Wells ... ..	-	68	54	bc	bc	6.8
	Banff ... ..	5	66	51	bv.bc	b.bc	9.5		Margate ... ..	-	69	55	c.bc	bc	5.0
	Stonehaven ... ..	2	62	48	bcq	pcq	6.6		Ramsgate ... ..	-	64	57	bc b	c.b	7.8
	Carnoustie ... ..	2	64	50	*	*	3.8		Folkestone ... ..	-	64	57	bc b	c.b	7.8
	St. Andrews ... ..	-	65	52	*	*	6.1		Hythe ... ..	-	64	57	bc b	c.b	7.8
Eng. N.E.	Harrogate ... ..	-	66	52	bc.c.	bc.b	9.2	England, S.E.	Littlestone ... ..	*	*	*	*	7.7	
	Scarborough ... ..	*	69	52	c.b	c.b	10.5		Hastings ... ..	-	67	58	b.bc	bc	6.8
	Skegness ... ..	-	68	54	bc.c.	bc	11.4		Bexhill-on-Sea ... ..	-	64	59	bc	bc	5.2
Eng. N.W.	Douglas (I. of M.) ... ..	0.3	61	53	p	p	6.0	England, S.E.	Eastbourne ... ..	-	67	58	bc b	b	8.5
	Morecambe ... ..	1	64	57	c.bc	bc.b	7.0		Seaford ... ..	-	65	59	bc	bc	?
	Blackpool ... ..	-	66	55	b.bc	b	10.5		Brighton ... ..	-	66	59	c.bc	bc.c	6.6
Midlands.	Southport ... ..	-	66	55	b.bc	b	10.5	England, S.W.	Worthing ... ..	-	68	58	bc	bc	7.6
	Buxton ... ..	2	64	51	cf	bc	8.8		Littlehampton ... ..	-	65	59	bc b	b.bc.b	7.5
	Leamington Spa ... ..	0.3	68	52	bc	c	9.7		Bognor ... ..	-	64	59	bc	bc	7.4
Wales.	Malvern ... ..	1	67	54	bcp	bc.c	10.0	England, S.W.	Southsea ... ..	-	66	57	bc	bc	6.4
	Ross-on-Wye ... ..	2	68	52	b.bcp	bc.c	8.9		Ryde ... ..	2	65	57	p	bc	7.0
	Rhyl ... ..	-	65	50	bc	b	10.8		Ventnor ... ..	-	65	55	c.bc	bc	7.5
England, E.	Colwyn Bay ... ..	-	66	54	bc	b	11.0	England, S.W.	Bournemouth ... ..	-	67	57	c.bc	b.bc	9.4
	Llandudno ... ..	-	66	54	bc	b	11.0		Weymouth ... ..	-	67	57	c.bc	b.bc	9.4
	Bettws-y-Coed ... ..	7	63	46	roc.	c.b.	10.2		Exmouth ... ..	-	67	56	bc	b	10.2
England, E.	Aberystwyth ... ..	10	64	53	bc.	b	10.0	England, S.W.	Teignmouth ... ..	-	67	55	bc	bc	9.4
	Tenby ... ..	1	66	60	bc.b	bc.	10.1		Torquay ... ..	-	67	56	bc	bc	10.2
	Swansea ... ..	2	71	53	b	b.c.	7.5		Paignton ... ..	-	67	56	bc	bc	10.2
England, E.	Cromer ... ..	-	68	54	bc.c.	c.b.c.	9.1	England, S.W.	Plymouth ... ..	-	65	55	bc	bc.o	9.6
	Lowestoft ... ..	-	72	56	bc	bc	7.8		Falmouth ... ..	-	67	56	bc	bc	10.2
	Felixstowe ... ..	-	70	56	c.b.c.	c.o.c.	7.1		Penzance ... ..	1	65	55	bc	bc	10.7
England, E.	Walton-on-Naze ... ..	-	70	56	b.bc.	bc.	8.0	England, S.W.	Bude ... ..	3	65	55	bc	bc	9.0
	Southend-on-Sea ... ..	-	70	56	b.bc.	bc.	8.0		Ilfracombe ... ..	0.3	66	53	bc.b	bc.c.b	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.) ...	65	77	8.8	72	51	4.1	bc	b.c.	bc
City (Dunhill Row) ...	75	87	7.2	69	55	5.0	bc	o	o bc
Westminster (St. James's Pl.)	75	87	7.5	73	53	4.8	bc	c	bc
Camden Sq. (Brit. Rainfall)	75	87	7.5	73	53	4.8	bc	c	bc
Hampstead (Reservoir) ...	75	87	7.5	73	53	4.8	bc	c	bc
Richmond Park ...	75	87	7.5	73	53	4.8	bc	c	bc
Kew. (See front page.)	75	87	7.5	73	53	4.8	bc	c	bc
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.	Average Rate.	Max. Rate.			
S. Kensington (Roof of M.O.)				1761 Joules	52.0 Milliwatts.	35.5 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.	
Dublin to 4 p.m.	mm. & Hr.	64	54	52	bc	bc	cp.b
Darwen to 9 p.m.	1	63	52	48	bc r	c.b	bc op
Manchester "	3	68	54	*	cp bc	bc cp	bc
Birmingham "	11	66	51	44	c	cr	cr
Oxford to 8 p.m.	*	68	53	49	bc bc	bc c	c.o.c.
S. Kensington (Museum Grounds to 6 p.m.)	0.1	71	55	51	bc c	c.o.c.	c

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

W. & S. Aug, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.19	G.M.T. 11.59	G.M.T. 7.39
Greenwich ...	4.21	11.59	7.37
Wick ...	4.30	12.6	7.42
Valencia ...	4.32	12.6	7.40
	4.12	12.18	8.24
	4.14	12.18	8.22
	5.9	12.47	9.26
	5.1	12.47	9.24

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 70° on the east coast of England and to above 65° in most parts of the Kingdom. Showers were experienced in most localities, the rain measurement being slight generally, but 13 millimetres at Jersey and Malin Head, and 19 millimetres at Eskdalemuir. Many hours of bright sunshine were recorded except locally in the west and north-west.

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

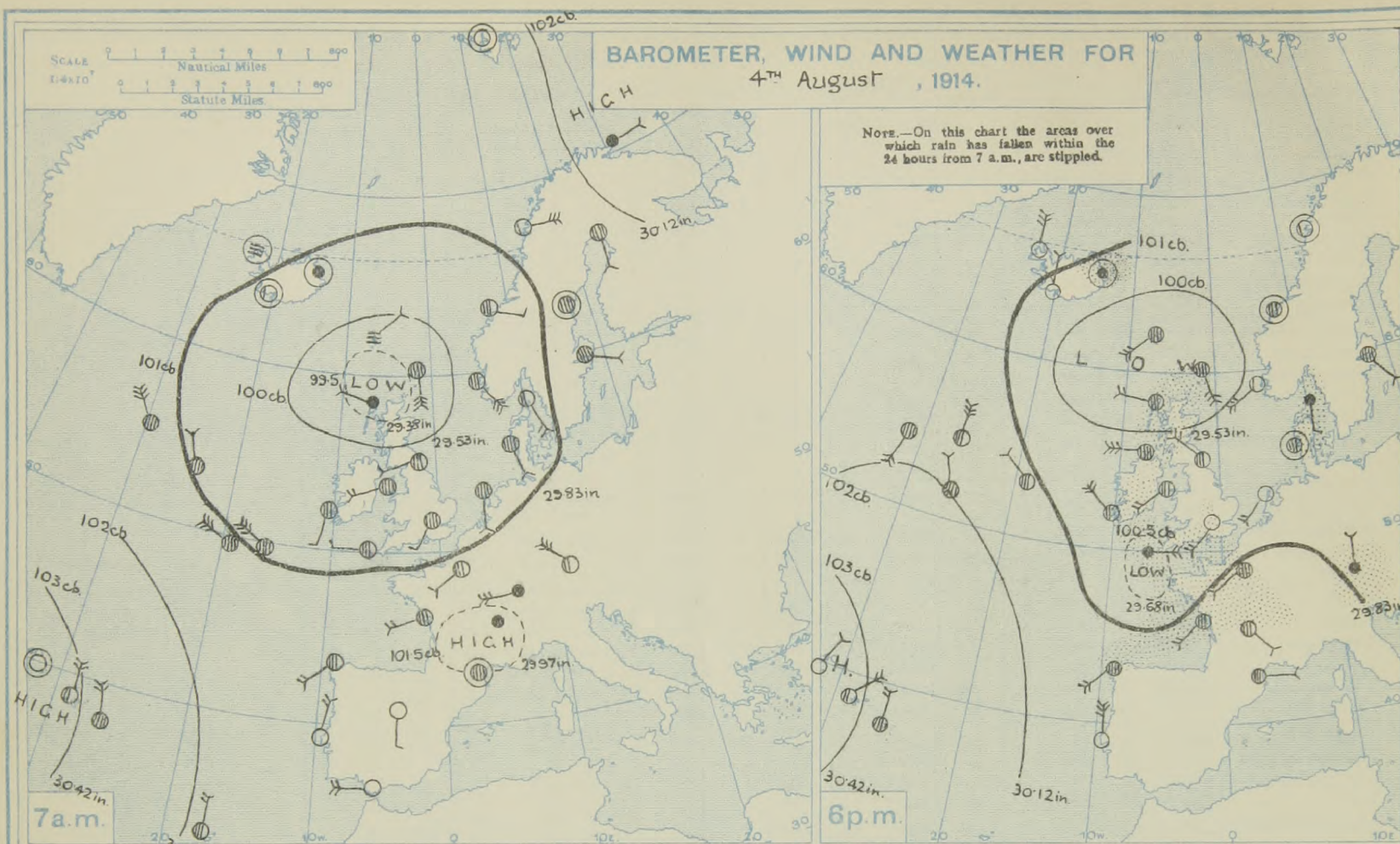
Wednesday  
5th August, 1914.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours.	WIND. Direc. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Direc.	Force 0-12.											Max.	Min.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Lerwick	997.0	55	SSE	5	op	1002.0	+4	55	+2	SSE	3	-	o	3	4	56	52	cp	cp	o.c.	*
	Stornoway	997.2	56	WNW	3	c	998.4	0	52	0	W	3	-	o	3	2	60	51	c	c	odp	3.0
	Castlebay (Barra Isd.)	999.4	54	W	3	o	1001.1	0	54	+1	W	4	-	op	4	1	56	51	r. op	op. o	dp. op	0.0
	Glasgow	1002.2	54	WSW	4	od	1003.1	+1	52	-1	SW	2	-	od	4	5	58	51	o.c. o	od	odp	0.7
	Eskdalemuir	1003.7	54	SW	4	cp	1004.5	0	51	0	S	2	SW	o	2	58	47	og	og	odp	2.5	
	Malin Head	1003.3	56	W	6	o	1003.5	+1	55	0	NW	3	W	c	2	1	59	52	cg	cg	cm	2.5
	Blacksod Point																					
	Valencia	1007.4	60	NW	4	bc	1008.1	0	55	+3	W	3	-	om	4	3	62	54	c	bc	op	3.7
	Roche's Point	1006.6	58	SW	1	o	1008.2	*	54	-2	NW	2	-	o	2	2	61	52	c.og	opg	o.bep	*
	Birr Castle	1005.6	61	NW	2	c	1005.9	*	54	+1	SW	2	-	o	2	3	65	49	c. o	op. c	c. od	5.2
	Donaghadee	1004.0	60	W	4	bc	?	0	52	-1	W	4	NW	omp	3	1	64	50	bcp	bcp	omp	*
	Liverpool (Bidston)	1005.3	62	WNW	1	bc	1005.3	-1	55	-1	S	1	-	b	1	-	64	50	bc	b	b	7.2
	Holyhead	1006.4	60	SW	3	c	1006.8	0	56	-1	SW	3	-	b	2	-	64	54	o.c. bc	b. bc. c. d	ac. bc. b	7.5
	Pembroke (St. Ann's)	1006.5	59	SW	1	c	1006.3	+1	56	-1	N	1	N	c	1	-	62	54	c	c	c	7.0
	Newquay	1006.0	55	SE	2	o	1005.2	+3	57	-2	N	4	-	o	4	20	63	53	b	f. or	dp. or	5.3
	Scilly (St. Mary's)	1004.1	56	E	4	omd	1006.6	+3	57	+1	WNW	4	NW	cp	4	7	61	54	cpq	omd	om. c.	0.3
	Jersey (St. Aubin)	1008.5	63	S	3	c	?	*	61	+3	SW	3	SW	o	4	8	66	58	bc	c	or	5.6
	Portland Bill	1007.7	60	SW	3	c	1004.7	0	59	0	SSW	4	SW	or	4	22	61	56	bc	bc	or	*
	Dungeness	1008.0	62	SW	3	bc	1006.7	-1	58	-3	SSW	3	-	r	3	5	66	57	bc	bc	bc. or	*
	Dover	1007.1	60	SW	4	bcv	?	*	-	-	-	-	-	-	-	-	66	57	bcp. b.	b. bc.	bc. or	*
ICELAND, FAEROE, &c.	Wick	996.9	57	WSW	3	o	1000.0	0	54	+1	SSW	2	-	o	3	4	59	51	omp	omp	omp	*
	Nairn	997.7	57	WSW	4	c	1000.1	*	56	+4	SW	2	-	bc	2	1	64	51	pg. bc.	gpc.	d. cg	3.8
	Aberdeen	999.6	57	SSW	3	c	1002.2	+1	54	+1	SSW	3	-	o	2	4	58	52	or	o. c	c. op	0.0
	Leith	1002.5	59	SW	3	o	1003.2	0	55	0	SW	3	SW	o	1	1	63	54	c. o	op	op	0.0
	Tynemouth	1003.6	64	NW	3	cm	1005.4	0	55	0	SW	2	SW	bcn	2	-	64	52	bcn	bcn	bc	4.7
	Spurn Head	1005.6	62	NW	2	bc	1006.4	0	57	0	SW	1	-	c	1	-	72	53	bc	bc	bc	7.5
	Yarmouth	1007.0	65	S	2	c	1007.3	0	57	+1	SW	2	SW	c	1	-	70	49	bc	bc. c	c	7.5
	Clacton-on-Sea	1007.1	65	SSW	4	c	1006.8	-1	62	+3	SSE	3	S	o	2	-	66	57	bc. c	c	bc. c. o	7.8
	Nottingham	1005.5	61	W	1	b	1006.2	*	54	-1	SW	1	SW	r	*	1	69	48	bc. c	cp. b.	bc. c.	7.4
	Bath	1007.1	58	SSW	1	r	1004.7	*	55	0	E	1	E	r	0	6	67	53	c. bc. c	or	pod	7.4
London (Kew Obsy.)	1007.0	65	SW	3	bc	1005.7	-2	60	+3	S	2	-	o	2	trace	68	53	op. c	c. bc. bc	bc. bc. o	3.6	
NORTHERN EUROPE.	Spitzbergen	1015.0	44	NW	2	b	1014.0	0	43	-2	-	0	*	c	*	-	45	37	*	*	*	*
	Isafjord...	1013.5	51	N	4	b	?	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Reykjavik	1010.9	55	WNW	4	b	?	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Vestmanna	1008.3	62	N	1	b	?	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Seydistjord	1009.3	49	SW	3	r	?	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Thorshavn	999.3	52	NE	4	o	?	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Vardö													*	*	*	*	*	*	*	*	*
	Bodö	1009.7	61	-	0	b	1010.4	+1	61	+4	E	2	-	b	1	-	64	54	*	*	*	*
	Christiansund	1005.9	63	-	0	c	1007.1	+1	61	-2	-	0	-	b	2	-	68	55	*	*	*	*
	Skudesnaes	1004.8	63	SW	5	b	1006.3	0	61	0	-	0	-	b	0	-	66	61	*	*	*	*
CENTRAL EUROPE.	Færder (X'ianta Fjord)	1005.2	60	SE	2	r	1006.6	+2	59	-4	ENE	4	-	r	2	9	61	57	*	*	*	*
	The Scaw (Skagen)	1004.7	61	S	1	r	1005.3	0	59	-4	N	1	-	r	2	22	64	57	*	*	*	*
	Blaavands Huk	1005.7	59	-	0	c	1008.6	0	61	-2	WNW	2	SW	c	2	17	63	57	*	*	*	*
	Haparanda													*	*	*	*	*	*	*	*	*
	Hernösand													*	*	*	*	*	*	*	*	*
	Stockholm													*	*	*	*	*	*	*	*	*
	Wisby													*	*	*	*	*	*	*	*	*
	Karlstad													*	*	*	*	*	*	*	*	*
	St. Petersburg													*	*	*	*	*	*	*	*	*
	FRANCE.	Berlin													*	*	*	*	*	*	*	*
Frankfurt...														*	*	*	*	*	*	*	*	*
Munich		1009.9	66	N	2	r								*	*	*	*	*	*	*	*	*
Vienna														*	*	*	*	*	*	*	*	*
Cuxhaven														*	*	*	*	*	*	*	*	*
The Helder		1008.6	63	SW	3	b	1008.8	0	63	+4	SSW	3	SW	b	1	trace	64	55	*	*	*	*
Brussels		*	*	*	*	*	1010.0	0	59		SSE	3	-	o	*	-	70	54	*	*	*	*
C. Gris Nez		1008.4	65	SW	4	b	1007.1	0	58	-3	SSE	4	*	r	2	5	66	55	*	*	*	*
La Hève		1012.4	63	N	1	o	1006.7	*	59	+2	SSW	4	*	r	3	6	70	55	*	*	*	*
Ushant		1009.0	59	SW	3	o	1005.3	*	57		NW	3	*	o	4	1	63	54	*	*	*	*
SOUTHERN EUROPE.	Brest (St. Mathieu)	1004.2	61	S	5	f	1007.1	+1	59	0	NW	4	*	o	3	2	66	57	*	*	*	*
	Roche fort (Ile d'Aix)	1011.9	66	SW	3	c	1010.9	-3	58	-7	SSE	4	*	r	*	1	70	59	*	*	*	*
	Biarritz	1010.6	72	E	2	b	1011.8	-2	66	+4	WSW	4	*	o	3	-	75	62	*	*	*	*
	Paris	1010.6	66	SSW	2	o	1010.9	0	63	+4	S	2	-	bc	*	trace	72	54	*	*	*	*
	Belfort													*	*	*	*	*	*	*	*	*
	Lyons	1014.3	61	SSE	1	o	1014.7	*	61	+1	SE	1	*	o	*	16	63	57	*	*	*	*
	Nice													*	*	*	*	*	*	*	*	*
	Perpignan	1012.7	70	E	2	c	1012.4	0	72	+3	NE	2	-	c	*	-	75	61	*	*	*	*
	Sanguinaire													*	*	*	*	*	*	*	*	*
	Corunna (7 a.m.)	1012.4	68	SW	5	o	1018.9	+2	59	0	SW	1	-	c	3	5	70	59	*	*	*	*
SOUTHERN EUROPE.	Madrid (8 a.m.)													*	*	*	*	*	*	*	*	*
	Lisbon (9 a.m.)													*	*	*	*	*	*	*	*	*
	Gibraltar													*	*	*	*	*	*	*	*	*
SOUTHERN EUROPE.	Rome																					

## RAINFALL.

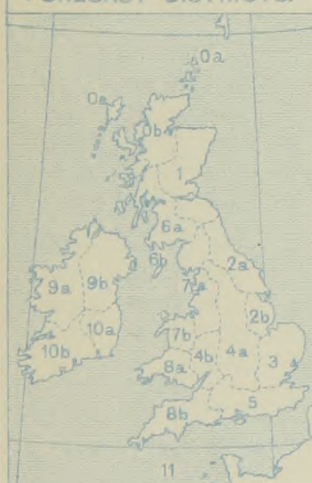
Equivalents of Millimeters in Inches.

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	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97



**FORECASTS FOR THE 24 HOURS NOON 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 Coast.	South Coast.
North Coast.	North Coast.

**No Warnings Issued.**

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

- |                    |  |
|--------------------|--|
| 0 {<br>a }<br>b }  | Wind between South and West, light or moderate; much cloud, some rain; moderate or rather low temperature.                       |
| 1 {<br>a }<br>b }  |  |
| 2 {<br>a }<br>b }  | Wind mainly Southerly or South-Westerly, light; variable weather, some showers; moderate or rather low temperature.              |
| 3 {<br>a }<br>b }  |  |
| 4 {<br>a }<br>b }  | Wind Southerly to Westerly, light or moderate; much cloud, some rain, fairer to-morrow; day temperature below normal, air close. |
| 5 {<br>a }<br>b }  |  |
| 6 {<br>a }<br>b }  | South-Westerly and Westerly winds, light or moderate; some showers, fair intervals; cool.  |
| 7 {<br>a }<br>b }  | Same as No. 2.   |
| 8 {<br>a }<br>b }  | Wind between North and West, moderate or light; changeable, some showers; rather cool.   |
| 9 {<br>a }<br>b }  |  |
| 10 {<br>a }<br>b } | Wind mainly Westerly, light or moderate; cloudy or overcast generally, some rain and mist; rather cool.                          |
| 11 {               | North-Westerly and West winds, light or moderate; some showers; sea moderate or slight.  |

Millibars

1050

1040

1030

1020

1010

1000

990

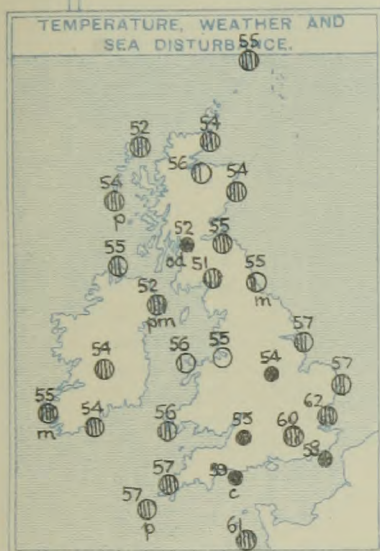
980

970

# SYNOPTIC CHART FOR 7 a.m., Wednesday, 5 AUGUST, 1914.

## GENERAL INFERENCE.

The depression over the south-west of England will probably move eastward or north-eastward, and cause much cloud, with rain at times, during its passage across the country.



Mill. Inches.

31

30

29

28

27

26

25

24

23

22

21

20

19

18

17

16

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 AUGUST.

## EXPLANATION.

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

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

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

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

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

## 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.	
4th 6pm	53	30	Hesperian	O	1017.9	-6	SSW	4-5	O	4th 7am	54	27	Numidian	O	1014.9	+3	NW	6-7	O
"	54	26	Alatian	H	1018.3	0	N	6-7	C	"	54	25	Hesperian	O	1016.6	+7	NNW	4-5	C
"	51	25	Ausonia	O	1019.3	-1	NNW	1-3	O	"	52	22	Ausonia	O	1011.8	0	NNW	1-3	O
"	52	18	Royal George	H	1015.6	-1	NW	1-3	C	"	49	19	Kronland	O	1010.2	+6	WNW	6-7	O
"	51	11	Dominion	H	1009.5	+1	N	4-5	bc	" 7am	49	15	Dominion	H	1003.4	-2	WNW	6-7	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.	
		mm.†	° F.	° F.			Hr.						mm.†	° F.	° F.			Hr.
Scotland.	Oban ...	...									Tunbridge Wells ...	...		68	49	bc b	bc b	9.6
	Banff ...	6	62	50	d	o	0.4				Margate ...	...		70	53	bc	bc	9.4
	Stonehaven ...	3	57	49	cgd	d. cy	0.0				Ramsgate ...	...						
	Carnoustie ...	3	61	50	*	*	0.1				Folkestone ...	...		63	57	b. o	c b	9.0
	St. Andrews ...	3	62	51	*	*	0.4				Hythe ...	...		71	51	bc	bc	10.2
Eng. N.E.	Harrogate ...	...	63	50	c	c. bc. b	3.3				Littlestone ...	...	*	*	*	*	*	11.0
	Scarborough ...	*	67	51	c	bc. b	4.0				Hastings ...	...		67	56	b	b	10.2
	Skegness ...		68	49	bcp	bc. c	7.0				Bexhill-on-Sea ...	...		65	58	b	b	10.9
Eng. N.W.	Douglas (I. of M.) ...	0.3	62	52	bc	bc	6.0				Eastbourne ...	...		66	57	b. bc	b. bc. b	12.3
	Morecambe ...	0.3	63	55	abc	bc. b	6.5				Seaford ...	...		65	59	b	b	10.5
	Blackpool ...		63	55	c	c. bc	6.0				Brighton ...	...		66	55	bc	bc	11.0
	Southport ...	1	63	56	op. c. bc	bc. c. b	7.5				Worthing ...	...		73	56	bc	bc	11.0
Midlands.	Buxton ...	2	64	49	c	bc	2.2				Littlehampton ...	...	2	65	55	*	*	11.4
	Leamington Spa ...	2	66	48	c. b	bc	5.2				Bognor ...	...	1	65	57	b	b	10.6
	Malvern ...	4	65	56	c. or	or. bc	2.8				Southsea ...	...		68	57	c	bc. b	10.5
	Ross-on-Wye ...	Trace	66	46	c	c	2.7				Ryde ...	...		66	55	b	b	11.0
Wales.	Rhyl ...		62	51			5.0				Ventnor ...	...				*	*	
	Colwyn Bay ...		64	55	bc	bc	3.0				Bournemouth ...	...	3	65	53	b. bc	b	11.2
	Llandudno ...		67	55	b	bc	7.4				Weymouth ...	...	2	67	55	bc. b	b. bc. c	10.5
	Bettws-y-Coed ...	2	67	51	c	c	5.8				Exmouth ...	...		63	57	b	b	10.7
	Aberystwyth ...		64	54	a. c. b	b. bc	7.5				Teignmouth ...	...		69	51	bc	bc. c	7.5
	Tenby ...	1	65	49	bc	bc	6.5				Torquay ...	...		68	53	c	bc. c	8.5
England, E.	Swansea ...	1	68	58	r	bc. c	5.9				Paignton ...	...		67	51	b	b. bc. c	9.0
	Cromer ...		69	52	bc	c	8.0				Plymouth ...	...						
	Lowestoft ...										Falmouth ...	...	2	64	51	bc. o	od. r	5.1
	Felixstowe ...		68	53	bc	bc	8.7				Penzance ...	...	2	63	52	bc	or	2.6
	Walton-on-Naze ...		66	60	bc	c. bc	9.1				Bude ...	...	1	65	50	*	*	5.7
	Southend-on-Sea ...		72	54	b	b. bc	10.6				Ilfracombe ...	...	6	63	54	bc	bc. c	5.2
											Weston-super-Mare ...	...		67	51	b. bc. b	c. bc	9.0

## 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.
Greenwich (Royal Obs.) ...	62	72	6.8	71	52	4.5	3	or	bc
City (Bunhill Row) ...	*	*	3.3	*	*	*	*	*	*
Westminster (St. James's Pk.) ...	80	73	3.2	68	54	50	1	bc	bcp
Camden Sq. (Brit. Rainfall)	62	89	4.2	71	54	49	1	or bc	c bc
Hampstead (Reservoir) ...	*	92	4.4	67	53	47	1	bcp	op
Richmond Park ...	*	*	5.3						
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.)				1237	Joules		22.6 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.	1	64	52	49	bc	cp
Darwen to 9 p.m.	2	61	50	47	c or	oup b
Manchester "				*	*	bc op
Birmingham "				*	*	*
Oxford to 8 p.m.	*	70	50	44	c	c bc bc c or
S. Kensington (Museum Grounds to 6 p.m.)	0.4	68	53	47	c o	or o c a c bc

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

Stations.	Sunrise.	Noon.	Sunset.
Stations.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.21	11.59	7.21
Greenwich ...	4.32	12.6	7.40
Wick ...	4.46	12.16	7.22
Valencia ...	5.11	12.49	7.24

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 70° at a few places in the south-east of England. About 20 millimetres of rain fell at Newquay and Portland Bill, and smaller quantities are reported in most other districts. Many hours of bright sunshine were registered in most parts of England. Wireless reports shew that moderate to strong breezes from the North-Westward prevailed on the Atlantic between the 15th and 25th meridians.

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

6th August 1914.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Force 0-12.	Dir.		Milli- bars at M.S.L.	Change in 3 hours.	F.	° F.	Dir.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Lerwick	1003.6	57	SSE	3	bc	1002.8	0	57	+2	SSE	3	-	bc	2	trace	57	54	bc	bc	bc	Hours. 2.0
	Stornoway	999.0	55	SW	3	op	999.0	0	53	+1	SSW	2	-	o	2	10	56	52	or.	op	op	0.0
	Castletown (Barra Isd.)	1000.6	54	WSW	4	o	999.1	-1	53	+1	SSW	4	-	r	4	5	54	52	op	op.	op.	0.0
	Glasgow	1003.1	57	W	3	c	1003.2	-1	53	+1	SSW	3	-	o	*	4	62	51	adp.o.c	c.o	plc.op	1.3
	Eskdalemuir	1001.2	52	S	1	p	1004.3	-1	52	+1	SSW	2	-	o	*	23	59	44	or	r.or	o	2.0
	Malin Head	1003.5	56	WSW	5	c	1000.2	-5	51	-4	SW	5	SW	o	3	5	58	51	bc	cm	ogm	0.6
	Blacksod Point																					
	Valencia	1009.5	57	WSW	3	o	1006.4	+2	57	+2	W	3	-	cp	4	2	59	54	?	cp	cp	2.2
	Roche's Point	1008.3	61	NW	3	c	1006.5	*	59	+5	W	4	W	c	4	1	65	53	p.o.c	o.c.	bc.b.op	*
	Birr Castle	1007.0	61	W	3	o	1003.5	*	56	+2	SW	3	-	o	*	1	64	52	op	op	op	4.1
	Donaghadee	1002.4	56	NE	1	cpm	1003.3	-2	53	+1	SW	3	SW	cmp	3	2	62	52	epm	cpm	om.cmp	*
	Liverpool (Bidston)	1005.9	61	WNW	3	b	1006.3	0	56	+1	SW	1	S	o	2	-	62	54	b	b	c.o	11.9
	Holyhead	1006.8	60	SW	4	cp	1006.7	-1	57	+1	SW	5	SW	ogm	3	trace	63	56	b.bc.co	c.bc.co	o.cp	8.2
	Pembroke (St. Ann's)	1007.2	59	W	3	bc	1008.4	-1	58	+2	SW	4	SW	cp	4	-	60	55	c	bc	bc	11.2
	Newquay	1008.3	57	W	2	bc	1011.0	0	57	0	SW	2	-	og	3	0.3	62	56	bc.bv	bv	cp	8.6
	Scilly (St. Mary's)	1009.9	60	WNW	4	bc	1011.2	-1	58	+1	SW	4	SW	omd	5	-	63	55	bc	bc.	bc.cm	8.1
	Jersey (St. Aubin)	1008.8	63	W	4	b	1014.4	*	58	-3	W	3	W	o	3	-	66	56	o.cpd.b	egpd.b	bc.op	5.2
	Portland Bill	1006.4	62	NW	4	bc	1010.9	+2	59	0	W	4	W	bc	4	2	63	57	p.bc	bc	bc.c.	*
	Dungeness	1005.6	62	SW	3	cp	1010.4	+2	60	+2	W	4	W	bc	4	13	66	54	or.bc	bc.cp	bc	*
	Dover	1005.3	61	SW	4	bc	1010.6	*	60	+2	W	2	-	b	3	12	64	52	rac.b	b.bc	bc.cpb	6.2
	Wick	1000.9	56	SSW	3	c	1001.3	0	54	0	SSW	2	-	c	3	0.1	58	52	om.bc	bc.cm	om.c	*
Nairn	1000.4	60	SW	2	cu	1001.0	*	54	-2	-	0	-	bc	1	0.2	64	48	bc.c	c.bc	dc.m	4.4	
Aberdeen	1002.1	57	S	4	c	1002.2	0	57	+3	SSW	1	SW	c	2	-	61	47	e.bc	bc.c	c	4.7	
Leith	1003.4	60	WNW	1	c	1002.0	0	56	+1	WSW	2	SW	o	*	2	62	50	c.op	op	o.c.o	*	
Tynemouth	1003.5	58	NE	2	c	1005.4	0	54	-1	W	2	W	cm	2	6	62	52	bc	bc	cm	*	
Spurn Head	1004.6	57	E	2	c	1005.4	+1	56	-1	SW	3	-	bc	2	3	66	53	c.op	of.c.	c	1.3	
Yarmouth	1003.9	62	SW	2	o	1008.9	+1	55	-2	W	2	W	bc	1	3	66	49	bc	ortl	bc	2.4	
Clacton-on-Sea	1004.0	60	SW	1	cr	1009.2	+5	56	-6	W	2	-	bc	2	9	66	52	o.c	cp.cr	cp.b.c	2.4	
Nottingham	1004.5	62	W	1	c	1007.9	*	53	-1	WSW	1	W	bc	*	1	63	48	r.o	o.c.	cm	0.2	
Bath	1006.1	63	W	2	b	1010.5	*	57	+2	W	1	W	o	*	1	65	53	d.o	o.bc.b	b.bc.od	2.0	
London (Kew Obsy.)	1004.8	62	SW	2	orm	1010.6	+3	56	-4	SW	2	SW	o	*	23	66	52	o.ortorm	ormtl	atmobe	1.0	
ICELAND, FAEROE, & C.	Spitzbergen												*	*	*	*	*	*	*	*	*	
	Isafjord												*	*	*	*	*	*	*	*	*	
	Reykjavik												*	*	*	*	*	*	*	*	*	
	Vestmanna												*	*	*	*	*	*	*	*	*	
	Seydistsfjord												*	*	*	*	*	*	*	*	*	
	Thorshavn												*	*	*	*	*	*	*	*	*	
NORTHERN EUROPE.	Vardö														*							
	Bodö														*							
	Christiansund														*							
	Skudesnaes														*							
	Færder (X'aniafjord)														*							
	The Scaw (Skagen)														*							
	Blaavands Huk														*							
	Haparanda														*							
	Hernösand														*							
	Stockholm														*							
CENTRAL EUROPE.	Wisby														*							
	Karlstad														*							
	St. Petersburg														*							
	Berlin														*							
	Frankfurt														*							
	Munich														*							
	Vienna														*							
	Cuxhaven														*							
	The Helder														*							
	Brussels														*							
FRANCE.	C. Gris Nez														*							
	La Hève														*							
	Ushant														*							
	Brest (St. Mathieu)														*							
	Rochefort (Ile d'Aix)														*							
	Biarritz														*							
	Paris														*							
	Belfort														*							
	Lyons														*							
	Nice														*							
SOUTHERN EUROPE.	Perpignan														*							
	Sanguinaire														*							
	Corunna (7 a.m.)														*							
	Madrid (8 a.m.)														*							
	Lisbon (9 a.m.)														*							
	Gibraltar														*							
	Rome														*							
	Azores (Horta, 8 a.m.)														*							
	Madeira (Funchal)														*							

### 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	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97

1 Millimeter = 0.03937 inch.  
Rainfall amounts expressed in Millimeters may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 1.6 per cent.)

## RAINFALL.

Equivalents of Millimeters  
in Inches.

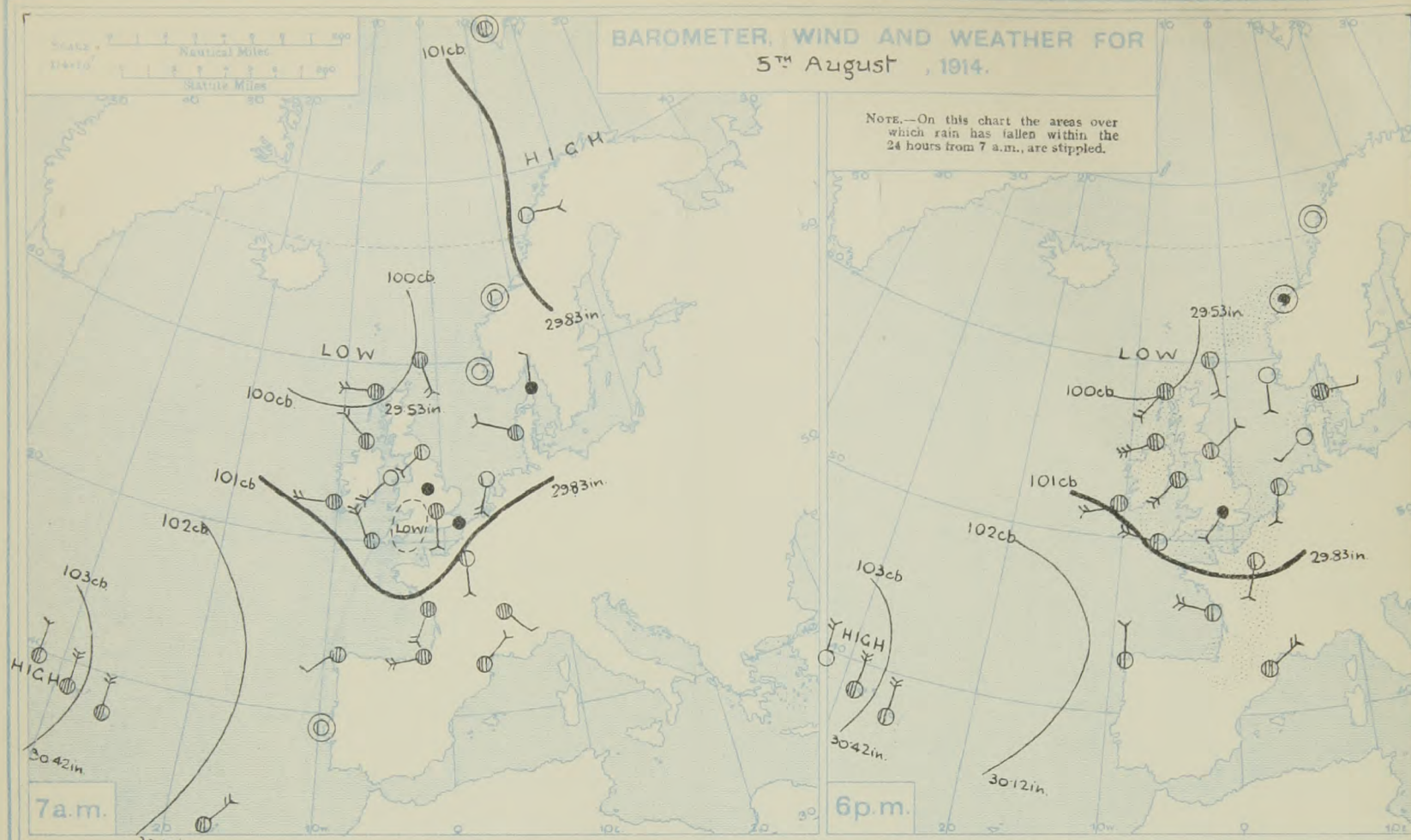
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69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

1 Millimeter = 0.03937 inch.  
Rainfall amounts expressed in  
Millimeters may therefore be  
converted approximately to  
Hundredths inch by multiplying  
by 4. (Error 1.6 per cent.)

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.



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

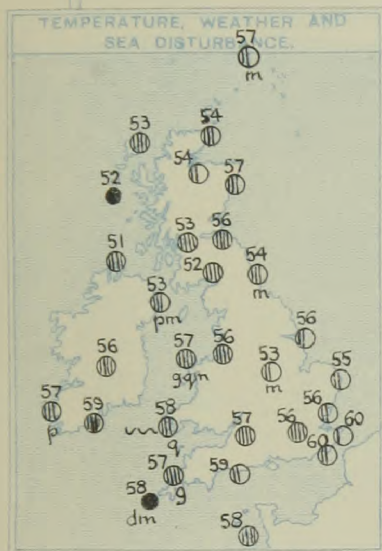
FORECAST DISTRICTS.		
	0	a } b } moderate; Southerly and South-Westerly winds, light or changeable, some showers; rather cool.
	1	
	2	a } b } Westerly and South-Westerly winds, light or moderate; variable weather, some showers; temperature rather low.
	3	
	4	a } b }
	5	
	6	a } b } Same as Nos. 0 and 1.
	7	a } b } South-Westerly and Westerly winds, moderate; changeable, some showers; rather low temperature.
	8	a } b }
	9	a } b } Wind between West and South-West, light or moderate; changeable, some rain; rather low temperature.
	10	a } b }
<b>STORM WARNINGS.</b> 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-Westerly and Westerly winds, moderate; sea rather rough to moderate; some rain, considerable fair intervals.

**FURTHER OUTLOOK.**

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

## GENERAL INFERENCE.

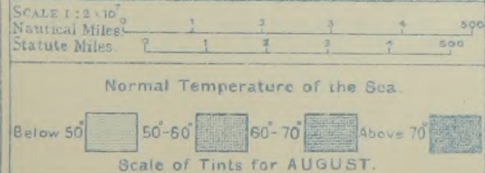
Shallow, ill-defined depressions are passing over the British Isles from the westward, and will cause the general state of the weather to continue unsettled.



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 1/2 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.	
					mb.	±		(0-12).							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.	
		mm. & .	° F.	° F.			Hr.			mm. & .	° F.	° F.			Hr.
Scotland.	Oban ... ..	...						England, S.E.	Tunbridge Wells ... ..	4	68	50	op. bc. b	bc. op. c	5.2
	Banff ... ..	9	63	53	cp. bc	pt. b. cp	1.9		Margate ... ..	6	70	55	r	c	3.8
	Stonehaven ... ..	2	62	52	cg	cg	6.2		Ramsgate ... ..	6	68	54	p.	c	3.7
	Carnoustie ... ..	5	59	51	*	*	1.9		Folkestone ... ..						
	St. Andrews ... ..	4	64	52	*	*	2.2	Hythe ... ..							
Eng., N.E.	Harrogate ... ..	—	64	47	bc. c	c. bc. b	6.1	England, S.W.	Littlestone ... ..	*	*	*	*	*	5.4
	Scarborough ... ..	*	64	54	or	o	4.5		Hastings ... ..	6	67	56	or. bc	bc	4.7
	Skegness ... ..	5	59	52	r	rg	0.1		Bexhill-on-Sea ... ..	6	65	58	or	bc	4.7
Eng., N.W.	Douglas (I. of M.) ... ..	—	62	51	c	c	3.0		Eastbourne ... ..	3	66	58	or. bc	b. b. cp	7.0
	Morecambe ... ..	—	64	50	bc. b	b. bc	8.3		Seaford ... ..	2	67	58	b	bc. or	6.3
	Blackpool ... ..	4	62	49	or. c	bc. c	9.6		Brighton ... ..	1	68	58	c	c	7.8
	Southport ... ..	—	62	49	c. bc. b	b. bc	11.7		Worthing ... ..	2	67	57	bc	bc	8.0
Midlands.	Buxton ... ..	1	62	42	cr	bc	0.9		Littlehampton ... ..	2	68	57	*	*	5.4
	Leamington Spa ... ..	3	64	53	o	o	1.0		Bognor ... ..	1	67	57	p	cp. bc	5.7
	Malvern ... ..	0.3	64	53	c	c. bc	1.5		Southsea ... ..	—	67	58	o. bc	c. o	5.3
	Ross-on-Wye ... ..	0.3	67	51	o	or. o. e	2.4		Ryde ... ..	3	67	57	bc	c	5.0
Wales.	Rhyl ... ..	—	63	46	bc	bc	11.5		Ventnor ... ..				*	*	
	Colwyn Bay ... ..	—	64	54	bc	b	8.5		Bournemouth ... ..	6	65	56	o. c	c	3.4
	Llandudno ... ..	—	66	52	b	b	9.5		Weymouth ... ..	0.3	68	55	c. bc	c. bc	3.5
	Bettws-y-Coed ... ..								Exmouth ... ..	1	66	56	bc	bc	4.1
England, E.	Aberystwyth ... ..	—	62	51	o. c	b. bc	9.0		Teignmouth ... ..	5	66	57	c	bc	3.5
	Tenby ... ..	1	65	54	bc	b	9.0		Torquay ... ..	3	66	56	c. o	c. bc. b	3.8
	Swansea ... ..	21	68	62	bc. b	b	7.0		Paignton ... ..						
	Cromer ... ..	24	63	52	b. et. r	u. p. t. ou	0.9		Plymouth ... ..						
	Lowestoft ... ..	8	66	52	o. cp	ot. l. p	2.0		Falmouth ... ..	17	64	54	o. c. b	bc	6.5
	Felixstowe ... ..	3	68	56	o	cp	3.1		Penzance ... ..	11	65	55	bc	bc	8.4
	Walton-on-Naze ... ..	5	66	55	od. cp. c	o. cp. or	2.7		Bude ... ..	10	66	54	c. b. bc	bc. c	6.5
	Southend-on-Sea ... ..	8	72	56	op	b. cp. bc	2.5		Ilfracombe ... ..	8	63	53	o. c. bc	bc	7.5
									Weston-super-Mare ... ..	2	64	53	od	bc. h	3.5

## 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.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 a.m. To-DAY.						
	%	%	Hr.	° F.	° F.	° F.	mm. §			
Greenwich (Royal Obsy.) ...	92	85	1.1	69	58	45	9	ctd	c.or	c
City (Bunhill Row) ...	*	*	0.8	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	99	91	1.1	67	52	49	16	oe	r	ad.o
Camden Sq. (Brit. Rainfall)	96	85	0.9	69	51	48	13	or bc	or	*
Hampstead (Reservoir) ...	*	91	1.0	64	50	46	18	c.or	otcl	o
Richmond Park	*	*	1.1	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	99	90	1.1	743 Joules		13.6 Milliwatts.		83.0 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.					
Dublin to 4 p.m.	mm. 8	° F.	F.	° F.				Hr.
Darwen to 9 p.m.	1	64	50	47	bc	cp	cp	*
Manchester "	~	66	48	42	c. bw	bc	bc	9.3
Birmingham "	Trace	64	49	*	o. c	c. bc	c. bc	2.3
Oxford to 8 p.m.	1	65	52	43	*	o	o. cr	0.8
	*	66	53	52	bc. or	oro. c	c. o. o	*
S. Kensington (Museum Grounds to 6 p.m.)	14	68	55	46	c. o	or. otr	oro. o	*

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

6th & 7th August, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.22 4.23	G.M.T. 11.59 11.59	G.M.T. 7.36 7.35
Greenwich ...	4.23 4.24	12.6 12.6	7.39 7.38
Wick ...	4.16 4.18	12.18 12.18	8.20 8.18
Valencia ...	5.12 5.13	12.47 12.47	8.23 8.22

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to above 65° in the south-east and south of England, but remained below 60° in several parts of Ireland and Scotland. Rain fell very generally, as much as 23 millimetres (0.91 in.) at Eskdalemuir and Kew Observatory, and thunderstorms occurred locally in the east and south-east of England. Bright sunshine was more prevalent in the west and north-west of England than elsewhere.

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

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## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,  
7th August, 1914.

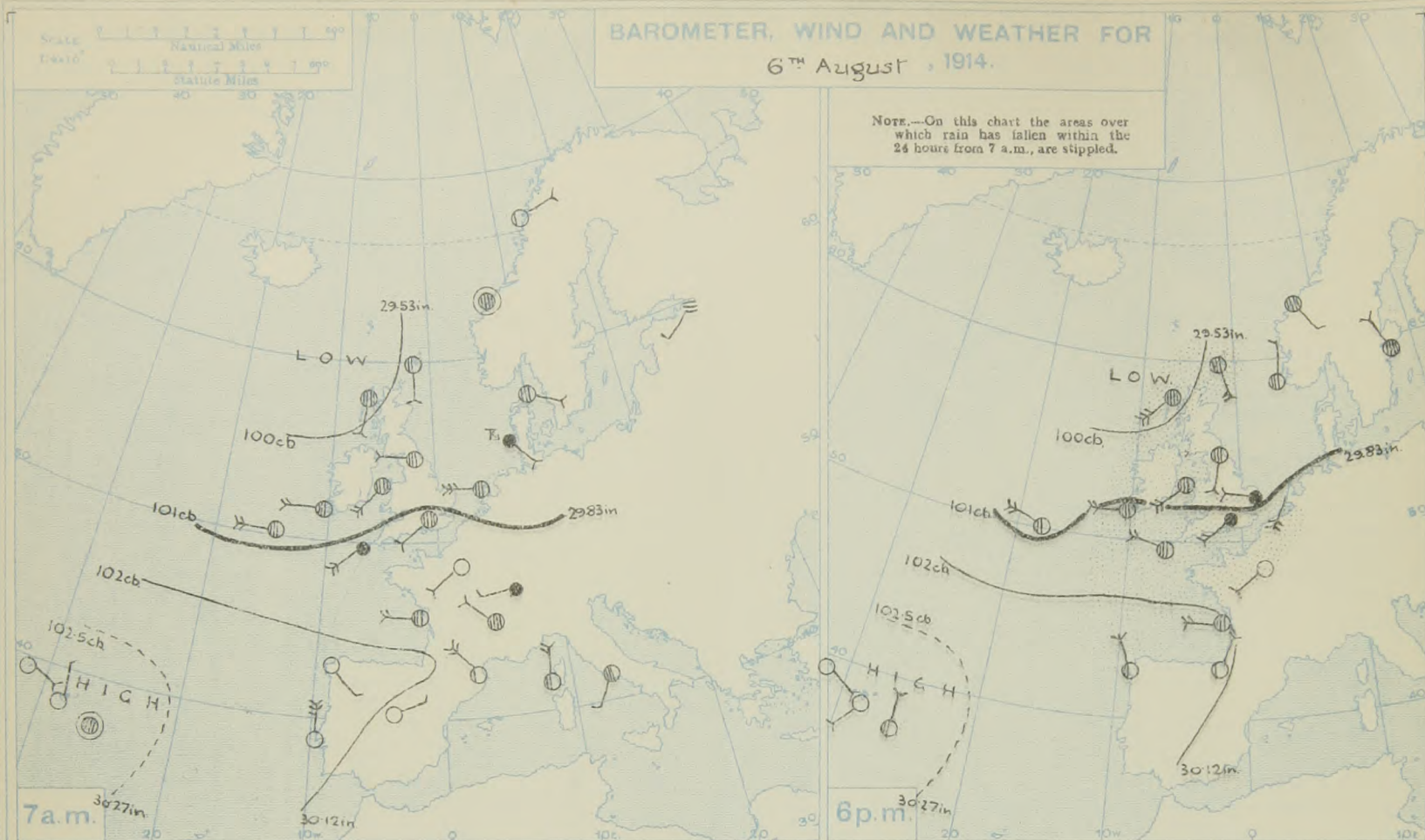
DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sum- square for Yester- day. Hours.	
		BAROM. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. ° F.	Change in 24 hours. ° F.	WIND. Dir.	Force 0-12.	Dir.	of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force													Max.	Min.	Morning.	Afternoon.		Night.
BRITISH ISLANDS.	Lerwick ...	1002.3	57	SSE	3	c	1001.5	0	55	-2	SSW	1	-	dp	1	1	61	54	bc	bc	cmp	*	
	Stornoway ...	998.6	55	SW	5	og	1002.3	+3	52	-1	SW	3	-	cp	3	4	57	50	cdp	c.opg	cp	0.3	
	Castlebay (Barra Isd.)	1000.1	56	SW	5	bc	1004.6	+3	54	+1	SW	5	SW	bcm	5	4	57	51	r.o.cpm	cpm.bc	acp.bc	2.7	
	Glasgow ...	1003.4	58	W	4	c	1008.1	+3	50	-3	SW	2	W	c	4	4	59	49	odp	odp.o.c	bc.bop	2.3	
	Eskdalemuir ...	1004.3	56	W	3	c	1009.0	+3	50	-2	SW	3	W	bc	4	3	60	43	or	r.o.c	c.o.c	1.9	
	Malin Head ...	1003.3	57	WSW	5	bc	1006.7	+2	54	+3	WSW	5	W	bc	4	2	59	51	bcg	bcg	bcg	5.5	
	Blacksod Point																						
	Valencia ...	1010.8	58	W	4	c	1012.5	+1	55	-2	SSW	1	-	cv	4	2	61	52	c	c	cp	2.3	
	Roche's Point	1010.4	60	NW	3	ep	1013.3	*	55	-4	W	1	W	c	2	0.1	63	52	c.o.c	c.op.c	c	*	
	Birr Castle ...	1008.4	59	W	4	c	1011.2	*	52	-4	SW	1	SW	c	*	5	62	50	dp.c	c	cp.c	4.3	
	Donaghadee ...	1004.9	61	W	5	bc	1009.0	+2	52	-1	W	4	W	bc	4	-	68	49	cp.bcp	bc	bcm.bc	*	
	Liverpool (Bidston)	1006.6	62	WSW	4	bc	1010.7	+1	55	-1	WSW	3	W	o	3	1	68	54	dp	bc	o	2.9	
	Holyhead ...	1008.2	62	SW	4	cv	1012.1	+2	57	0	W	4	W	og	3	4	65	55	r.c.op.o	op.e.be	c.o.c	3.0	
	Pembroke (St. Ann's)	1010.2	58	WSW	5	b	1013.2	+1	56	-2	WNW	2	-	c	1	1	61	55	cqg	bcg	bq	5.3	
	Newquay ...	1012.4	59	WSW	2	o	1014.1	+1	59	+2	NW	3	NW	bc	3	1	62	52	op.bc	c	o.be	1.3	
	Scilly (St. Mary's)	1013.0	58	WNW	3	c	1011.2	+1	56	-2	WNW	3	NW	cp	4	trace	63	53	om	bc.c	bc.ep	3.6	
	Jersey (St. Aubin)	1015.6	62	SW	3	o	1014.9	*	56	-2	SW	3	SW	o	3	21	66	55	bc.c	og	ogt.o	3.1	
	Portland Bill ...	1011.7	60	WSW	5	bc	1014.1	+1	58	-1	WNW	2	SW	bc	3	-	61	57	bc.c	o.c.bc	bc.c	*	
	Dungeness ...	1013.5	61	W	7	og	1013.1	0	58	-2	W	2	-	o	3	2	66	56	bcg	bcg	c.op.o	*	
	Dover ...	1012.6	59	SW	5	r	1013.1	*	59	-1	SW	1	SW	o	2	3	66	56	b.bc	bc.c.op	od.c	8.9	
ICELAND, FAEROE, &c.	Wick ...	1000.7	57	SE	2	bc	1003.2	+3	55	+1	W	1	-	bc	2	0.3	58	45	cm	cm.bcm	omd.bc	*	
	Nairn ...	999.9	56	W	1	od	1004.4	*	53	-1	W	1	-	c	2	0.3	63	49	bcv.cg	cp	bc	1.2	
	Aberdeen ...	1001.7	57	S	4	o	1005.8	+3	51	-6	-	0	W	c	2	-	61	45	o.c	o.c	o.c	2.7	
	Leith ...	1003.4	60	WSW	2	bc	1006.8	+2	54	-2	WSW	3	W	b	1	trace	63	51	o	dp.c	bc.b	*	
	Tynemouth ...	1004.1	60	SSW	2	cm	1009.2	+4	55	+1	SW	2	SW	b	1	1	63	52	bcun	omp	bc		
	Spurn Head ...	1006.9	62	SW	5	c	1010.7	+3	57	+1	W	4	-	o	3	-	67	55	c	c	c	4.4	
	Yarmouth ...	1009.0	64	W	2	r	1012.1	+3	56	+1	W	2	W	bc	1	1	70	50	bc.c	c.o	c.bc	8.5	
	Clacton-on-Sea ...	1010.8	60	SW	4	o	1012.2	0	58	+2	W	2	W	c	2	2	70	55	bc.c	c.op	o.c	8.6	
	Nottingham ...	1007.4	62	SW	3	bc	1011.5	*	54	+1	W	1	W	cm	*	1	64	49	c.op	dp.c	bc.b	3.1	
	Bath ...	1010.8	59	W	1	c	1013.5	*	56	-1	W	1	W	o	*	2	63	54	d.o	or.c	c.b.b.c	0.4	
London (Kew Obsy.)	1011.1	60	SW	3	od	1013.4	+1	55	-1	SW	1	SW	o	*	1	68	51	a.c.b.c	ov.or.od	od.o	2.0		
NORTHERN EUROPE.	Spitzbergen ...												*		*	*	*						
	Isafjord ...												*		*	*	*						
	Reykjavik ...												*		*	*	*						
	Vestmanna ...												*		*	*	*						
	Seydistjord ...												*		*	*	*						
	Thorshavn ...												*		*	*	*						
	Vardö ...												*		*	*	*						
	Bodö ...												*		*	*	*						
	Christiansund												*		*	*	*						
	Skudesnaes ...												*		*	*	*						
CENTRAL EUROPE.	Færder (X'ania Fjord)												*		*	*	*						
	The Scaw (Skagen)												*		*	*	*						
	Blaavands Huk												*		*	*	*						
	Haparanda ...												*		*	*	*						
	Hernösand ...												*		*	*	*						
	Stockholm ...												*		*	*	*						
	Wisby ...												*		*	*	*						
	Karlstad ...												*		*	*	*						
	St. Petersburg												*		*	*	*						
	Berlin ...												*		*	*	*						
FRANCE.	Frankfurt ...												*		*	*	*						
	Munich ...												*		*	*	*						
	Vienna ...												*		*	*	*						
	Cuxhaven ...												*		*	*	*						
	The Helder ...	1011.0	64	SW	4	b	1011.7	+2	61	0	SW	3	-	c	2	1	64	59					
	Brussels ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					
	C. Gris Nez ...	1013.3	62	SW	6	o	1013.3	0	57	-3	WSW	4	*	c	3	3	64	55					
	La Hève ...	1016.0	62	SW	3	o	1014.7	*	58	+1	NW	2	*	r	2	8	70	55					
	Ushant ...	1014.7	58	W	3	r	1014.7	*	58	*	W	3	*	o	3	12	63	54					
	Brest (St. Mathieu)	1016.6	64	SW	4	r	1016.6	*	57	-3	W	1	*	o	2	18	64	57					
SOUTHERN EUROPE.	Rochefort (Ile d'Aix)	1021.0	64	W	3	c	1019.3	-1	64	+1	WSW	3	*	o	*	-	72	61					
	Biarritz ...	1021.2	68	NNE	2	b	1020.4	0	63	-1	ESE	1	*	b	2	-	72	55					
	Paris ...	1017.2	64	SW	2	b	1017.0	0	57	-4	SSW	2	-	r	*	trace	70	55					
	Belfort ...												*	*	*	*	*						
	Lyons ...												*	*	*	*	*						
	Nice ...												*	*	*	*	*						
	Perpignan ...	1018.9	70	NW	3	bc	1019.8	0	66	0	W	1	*	b	*	-	75	54					
	Sanguinaire ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					
	Corunna (7 a.m.) ...	1022.1	66	NW	2	bc	1022.1	+2	59	+2	SW	1	-	o	3	?	66	55					
	Madrid (8 a.m.) ...													*	*	*	*						
Lisbon (9 a.m.) ...													*	*	*	*							
Gibraltar ...													*	*	*	*							
Rome ...													*	*	*	*							
Azores (Horta, 8 a.m.)	1028.7	*	SW	2	b	1026.0	0	69	+1	WSW	2	-	b	1	-	79	68						
Madeira (Funchal)																							

1 Millimeter = 0.03937 inch.  
Rainfall amounts expressed in  
Millimeters may therefore be  
converted approximately to  
Hundredths inch by multiplying  
by 4. (Error 1.6 per cent.)

### 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	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97



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

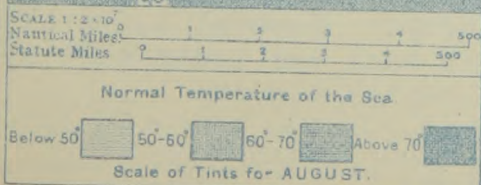
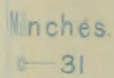
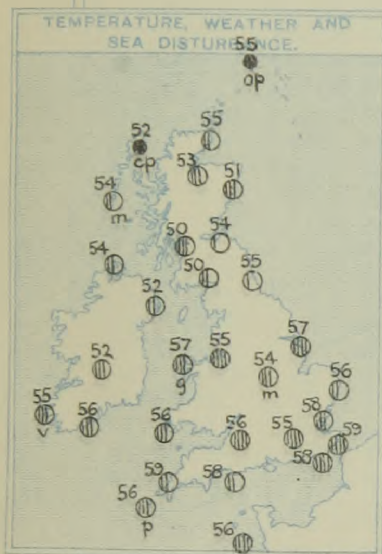
FORECAST DISTRICTS.		
	0	South-Westerly winds, light or moderate; some showers, fair intervals; moderate temperature.
	1	South-Westerly winds, light or moderate; mostly fair; temperature rising somewhat.
	2	
	3	Wind Westerly or South-Westerly, light or moderate; fair generally, cloudy or overcast at times; rather warmer.
	4	
	5	
	6	Same as No. 0.
	7	Westerly and South-Westerly winds, light or moderate; mostly fair, some local showers; temperature rather higher.
	8	
	9	Wind between West and South-West or South; light or moderate; changeable, mostly fair; temperature rising somewhat.
	10	
<b>STORM WARNINGS.</b> 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		Wind mainly Westerly, light or moderate; sea moderate or slight; some local showers, otherwise fair generally.
<b>FURTHER OUTLOOK.</b>		

Millibars  
1050  
1040  
1030  
1020  
1010  
1000  
990  
980  
970

SYNOPTIC CHART FOR 7 a.m., Friday, 7<sup>th</sup> AUGUST, 1914.

### GENERAL INFERENCE.

Pressure is increasing slowly over the United Kingdom, and although local shallow depressions may cause showers in places, the general state of the weather is likely to be fairer than of late.



EXPLANATION.




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

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

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

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

WEATHER.—Shown by the following symbols:—

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

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

$\mathbb{K}_i$  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.	
6th 6pm	50	17	Montcalm	O	1009.8	+1	wnw	4-5	bc						mb.	‡		(0-12).	
6th 7am	50	14	Montcalm	O	1009.1	+1	w	4-5	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.		
		mm.‡	° F.	° F.			Hr.			mm.‡	° F.	° F.			Hr.	
Scotland.	Oban ... ..	...							Tunbridge Wells ... ..	...	1	68	49	bc.b	bc.or	6.0
	Banff ... ..	1	65	51	bc	bc.c	3.5	Margate ... ..	...	—	70	54	bc	c	9.3	
	Stonehaven ... ..	—	61	49	cg	cg	2.0	Ramsgate ... ..	...	1	69	50	b	bc	10.5	
	Carnoustie ... ..	2	63	48	*	*	1.7	Folkestone ... ..	...	1	66	55	bc.o	b.or.o	8.3	
	St. Andrews ... ..	—	62	50	*	*	1.1	Hythe ... ..	...							
Eng., N.E.	Harrogate ... ..	1	62	50	o.c	op.c bc	1.6	Littlestone ... ..	...	*	*	*	*	*	9.5	
	Scarborough ... ..	*	67	51	o.c	c.b	4.3	Hastings ... ..	...	—	68	51	bc	bc.o	8.7	
	Skegness ... ..	—	68	47	bc.c	cr.d	6.1	Bexhill-on-Sea ... ..	...	—	66	52	bc	bc.omr	8.7	
Eng., N.W.	Douglas (I. of M.) ... ..	2	64	52	or	bc	3.5	Eastbourne ... ..	...	—	65	54	b.bc.b	b.bc.o	8.2	
	Morecambe ... ..	5	63	57	or	r.bc	1.0	Seaford ... ..	Trace	64	55	b	ce	8.2		
	Blackpool ... ..	1	63	57	op	o.c	1.6	Brighton ... ..	...	—	65	54	c.bc.c	c.o	7.2	
	Southport ... ..	2	65	56	op.c	cp.bc	2.5	Worthing ... ..	...	—	67	50	bc	r	6.1	
Midlands.	Buxton ... ..	1	60	48	bc	bc.r.o	1.2	Littlehampton ... ..	...	—	65	50	*	*	5.6	
	Leamington Spa ... ..	0.3	65	49	c.b	bc	3.4	Bognor ... ..	...	—	64	51	bc	p	4.7	
	Malvern ... ..	—	66	57	c	c	1.9	Southsea ... ..	...	0.3	65	56	c	or.o	3.6	
	Ross-on-Wye ... ..	—	65	51	o	od.bc	1.9	Ryde ... ..	...	1	64	55	bc	c.o	3.5	
Wales.	Rhyl ... ..	2	67	52	bc	bc.r.bc	3.5	Ventnor ... ..	...				*	*		
	Colwyn Bay ... ..	—	67	55	o.bc	bc	3.5	Bournemouth ... ..	3	63	52	r	c.o	2.4		
	Llandudno ... ..	—	66	56	o	bc	1.6	Weymouth... ..	—	65	57	ce.bc	bc.c	1.5		
	Bettws-y-Coed ... ..	3	67	46			1.2	Exmouth ... ..	—	65	56	bc	c.b	1.6		
	Aberystwyth ... ..	—	63	56	o	o.c.o	1.5	Teignmouth ... ..	—	67	55	c.od	c.bc	0.8		
England, E.	Tenby ... ..	1	65	?	d.c	bc	5.2	Torquay ... ..	1	64	55	o	c.bc	2.0		
	Swansea ... ..	2	67	57	r.o	b.bc	3.6	Paignton ... ..	0.3	65	53	or	c.bc	1.5		
	Cromer ... ..	1	64	52	bc	bc.or	8.5	Plymouth ... ..								
	Lowestoft ... ..	1	70	52	bc.c	c.o	8.3	Falmouth ... ..	2	64	53	r.o	o.c.o	2.7		
	Felixstowe ... ..	0.3	70	53	bc	bc.c	9.4	Penzance ... ..	1	66	54	om	c	2.6		
	Walton-on-Naze ... ..	1	69	51	b.c.bc	c.bc.c	8.7	Bude ... ..	0.3	63	57	od	o.bc	2.6		
	Southend-on-Sea ... ..	0.3	69	52	o	bc.r.o	8.0	Ilfracombe ... ..	3	62	57	od	d.o.c.bc	2.5		
								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.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
	%	%	Hr.	° F.	° F.	° F.	mm. §			
Greenwich (Royal Obsy.) ...	70	79	3.5	71	62	45	0.3	c	c.or	o.c
City (Dunhill Row) ...	*	*	1.7	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	91	90	1.8	68	53	48	1	bc.o	oem	m.bc
Camden Sq. (Brit. Rainfall)	73	80	1.8	70	52	47	1	c.o	bc.or	*
Hampstead (Reservoir) ...	*	85	1.2	65	50	44	1	c.op	o	o
Richmond Park	*	*	1.9	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	86	88	1.6	97.6 Joules		18.0 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.

7th & 8th Aug., 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.23	G.M.T. 11.59	G.M.T. 7.35
Greenwich ...	4.24	12.5	7.36
Wick ...	4.18	12.18	8.18
Valencia ...	5.13	12.47	8.22

## 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.	1	66	54	?	b. op	q.p	c. b	*
Darwen to 9 p.m.	9	59	52	4.9	bc. op	bc. op	bc. or	0.8
Manchester "	1	66	51	*	bc. c	c	cp. bc	1.7
Birmingham "	—	64	50	4.1	*	c	c	2.5
Oxford to 8 p.m.	*	64	51	4.6	bc. o	o. or	op. or c	*
S. Kensington (Museum Grounds to 6 p.m.)	1	68	52	4.7	o. or. o	o	or. o	*

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 70° locally on the east coast of England and at Margate, but remained below 65° over a considerable portion of the Kingdom. Rain fell in almost all districts, the quantity being slight generally, but as much as 21 millimetres (0.83 in.) at Jersey. Several hours of bright sunshine were recorded in the east and south-east of England, but elsewhere the day was mostly cloudy.

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  
8th August 1914.

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.				
				Force 0-12.	Dirac.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F	Change in 24 hours.	Dirac.	Force 0-12.					Max. °F	Min. °F	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Deerness	?	56	WSW	2	c	?	?	54	F	S	4	-	c	3	?	61	48	c	c	c	7.2	
	Lerwick	1006.4	56	WSW	3	bc	1006.3	0	55	0	S	2	S	bc	1	1	57	51	bc	bc	bcw	8.6	
	Stornoway	1008.0	58	WSW	4	bc	1003.9	-8	53	+1	SE	5	-	og	5	2	59	49	cpq	c.bq	bcw	10.1	
	Castlebay (Barra Isd.)	1009.6	55	SW	4	c	1000.8	-7	53	-1	SE	6	-	r	6	2	58	52	bcw	c.bq	cpbc	5.6	
	Glasgow	1012.0	59	WSW	3	bc	1009.1	-5	53	+3	SE	3	S	or	*	trace	60	47	cp.o.c	op.cbc	bc op	9.5	
	Eskdalemuir	1012.9	55	SW	3	bc	1010.6	-4	49	-1	SSE	4	-	r	*	trace	61	47	cp	op.c	c.or	9.7	
	Malin Head	1011.6	58	W	2	bc	997.6	-15	53	-1	S	6	-	r	4	2	60	50	bc	bc	omr	8.4	
	Blacksod Point																						
	Valencia	1013.2	59	SSE	4	c	1001.3	0	62	+7	S	6	-	omg	6	26	62	55	c.b	bc	omr	7.8	
	Roche's Point	1015.3	59	SW	3	o	1006.2	*	60	+5	SW	6	-	r	6	17	63	55	c	c	op.rn	*	
	Birr Castle	1012.9	62	SW	2	c	1001.5	*	61	+9	S	5	-	r	*	4	65	52	c	c	c.or	7.1	
	Donaghadee	1012.0	63	W	4	bc	1004.4	-12	53	+1	SSE	6	-	omr	4	6	66	52	bc	bc	bc.or	8.8	
	Liverpool (Bidston)	1014.8	60	W	4	b	1011.6	-7	51	-4	SE	4	SE	r	3	2	64	49	bc	b	b.or	10.4	
	Holyhead	1015.7	58	SW	4	cv	1008.6	-6	58	+1	S	7	-	orqg	7	3	63	55	op.c.bc	b.b.c.c	b.b.c.or	7.8	
	Pembroke (St. Ann's)	1016.5	59	WSW	2	bc	1010.1	-4	58	+2	SSW	6	-	orqm	6	7	60	56	c	b	bc	3.1	
	Newquay	1017.0	61	WSW	3	bv	1013.5	-2	62	+3	SW	2	-	omd	3	4	63	52	bcv.bv	bv	bc.or.d	6.2	
	Scilly (St. Mary's)	1017.4	61	SW	1	c	1012.6	-2	60	+4	S	5	SW	omr	4	2	64	55	bc.b	bc	c.omr	7.9	
	Jersey (St. Aubin)	1019.0	63	WSW	3	b	1020.0	*	61	+5	SSW	3	-	o	3	1	64	53	or	bc.b	bcw.o	*	
	Portland Bill	1016.6	60	WSW	4	b	1017.4	-2	60	+2	SSW	5	-	o	4	-	63	58	b	b.b.c	b.b.c.o	1.3	
	Dungeness	1015.4	62	W	4	c	1020.1	0	60	+2	S	3	W	c	3	0.1	65	50	bc	bc	bc.c	2.9	
Dover	1015.3	63	W	2	c	1020.0	*	60	+1	SW	3	SW	o	3	0.2	66	49	o.c.	c.b.c.	c.b.c.b	8.5		
ICELAND, FAEROE, &c.	Wick	1008.6	59	WSW	3	o	1009.8	-3	54	-1	SSE	3	-	c	3	1	64	47	bc.omp	omp	bc.c	6.2	
	Nairn	1009.5	59	W	1	c	1007.8	*	54	+1	SSE	1	-	og	2	-	65	43	bcq	q.b.c	bc	7.9	
	Aberdeen	1009.5	63	W	3	bc	1011.1	-2	53	+2	S	1	W	o	2	?	66	43	c.bq	cp.bc	bcw	*	
	Leith	1011.7	61	WSW	2	bc	1009.9	-2	56	+2	SSE	2	S	o	*	-	63	48	c.o.c.	c.b.c.	b.b.c.o	1.3	
	Tynemouth	1011.7	61	NW	3	bc	1013.7	-3	55	0	S	3	-	om	2	-	65	49	bc	bc	bc.m	5.8	
	Spurn Head	1014.5	62	W	3	c	1016.6	+1	56	-1	S	4	-	c	4	-	66	53	c	c	bc	4.0	
	Yarmouth	1014.9	62	NE	1	bc	1019.2	0	57	+1	SW	2	-	bc	1	-	68	47	bc	bc	bc	2.9	
	Clacton-on-Sea	1014.5	64	W	2	c	1016.2	0	60	+2	SSW	3	-	c	2	-	68	51	c	c	c.b.c.o	8.5	
	Nottingham	1015.0	61	W	2	b	1016.0	*	53	-1	SSW	1	S	o	*	-	64	44	c.o	o.c.b.	b	6.2	
	Bath	1016.6	64	W	2	b	1015.9	*	57	+1	S	3	SW	r	*	1	67	47	abc	c.b.c.	b.b.c.or		
London (Kew Obsy.)	1015.9	65	W	2	bc	1018.9	-1	57	+2	SSW	2	-	o	*	-	67	48	o.c.o	o.c.bc	bc.c.v.o			
NORTHERN EUROPE.	Spitzbergen																						
	Isafjord...																						
	Reykjavik																						
	Vestmanna																						
	Seydistjord																						
	Thorshavn																						
	Vardö																						
	Bodö																						
	Christiansund																						
	Skudesnaes																						
CENTRAL EUROPE.	Færder (X'ianta Fjord)																						
	The Scaw (Skagen)																						
	Blaavands Huk																						
	Haparanda																						
	Hernösand																						
	Stockholm																						
	Wisby																						
	Karlstad																						
	St. Petersburg																						
	FRANCE.	Berlin																					
Frankfurt...																							
Munich																							
Vienna																							
Cuxhaven																							
The Helder		1013.9	63	WNW	2	c	1020.0	+2	63	+2	WSW	2	W	b	1	trace	64	59					
Brussels		*	*	*	*	*	1022.0	+4	54		SW	2	-	f	*	8	61	50					
C. Gris Nez		1015.4	62	W	5	c	1020.6	+1	60	+3	SW	5	*	o	3	1	64	55					
La Hève		1018.1	59	NW	3	b	1021.5	*	57	-1	SE	3	*	o	3	14	70	54					
Ushant																							
SOUTHERN EUROPE.	Brest (St. Mathieu)	1020.0	64	W	2	c	1019.1	+1	60	+3	SSW	3	*	om	?	trace	?	?					
	Rochefort (Ile d'Aix)	1021.0	64	SW	3	o	1023.3	0	64	0	SSW	3	*	om	*	trace	68	61					
	Biarritz	1022.1	70	NW	1	b	1023.5	0	64	+1	ESE	1	*	b	2	-	73	57					
	Paris	1018.1	61	NW	2	o	1024.0	+1	55	-2	SSW	1	NW	b	*	?	?	?					
	Belfort																						
	Lyons																						
	Nice	1016.6	70	-	0	b	1017.9	+2	68		-	0	*	b	*	-	81	61					
	Perpignan	1019.8	71	NW	3	b	1023.3	0	70	+4	-	0	*	b	*	-	82	61					
	Sanguinaire	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					
	SOUTHERN EUROPE.	Corunna (7 a.m.)	1023.4	68	NNW	3	b	1022.9	0	64	+5	-	0	-	b	1	?	68	57				
Madrid (8 a.m.)																							
Lisbon (9 a.m.)																							
Gibraltar																							
Rome																							
SOUTHERN EUROPE.	Azores (Horta, 8 a.m.)	1024.4	*	SW	4	c	1019.8	-2	72	+3	SW	5	-	c	3	-	77	69					
	Madeira (Funchal)																						

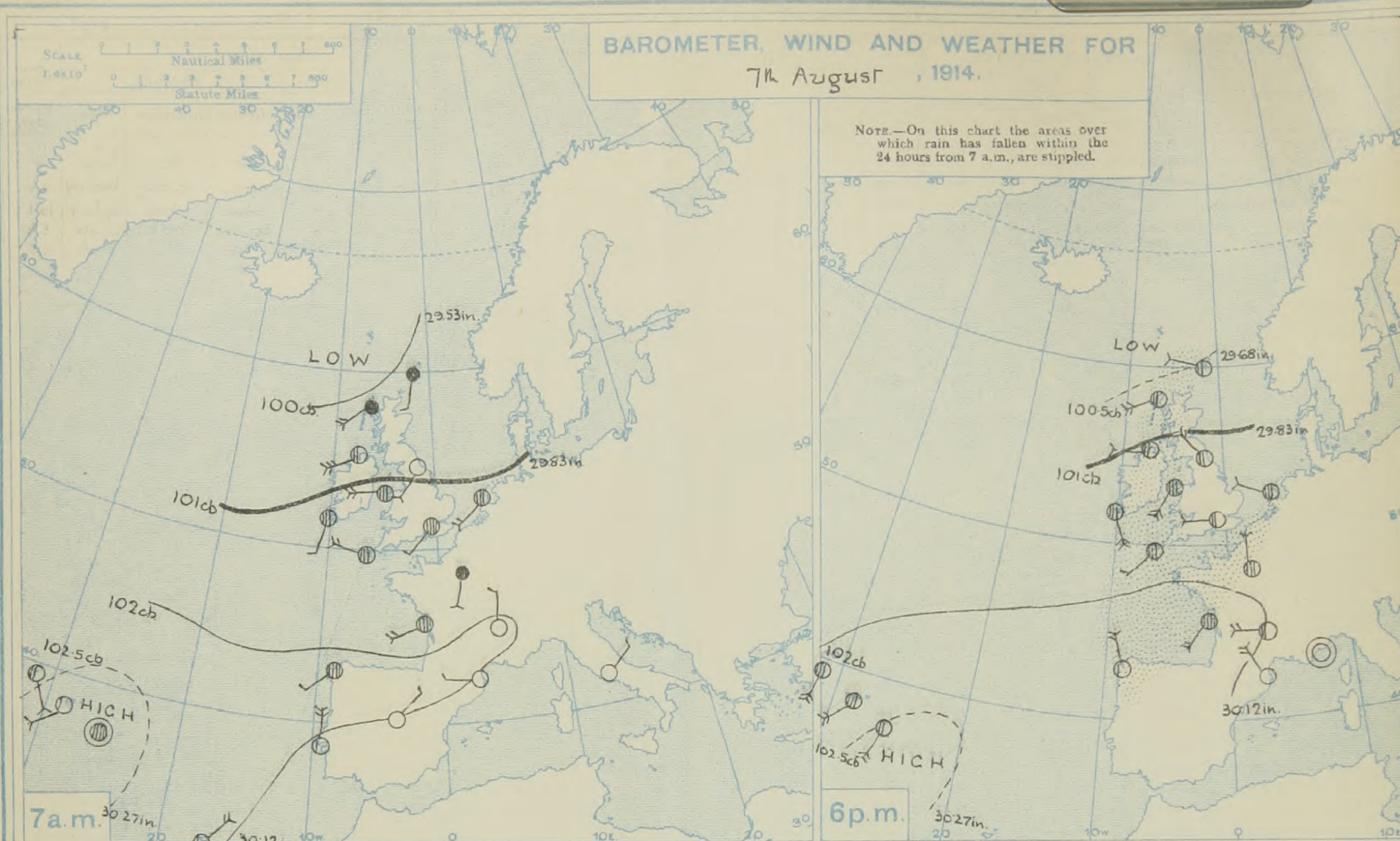
### RAINFALL.

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			

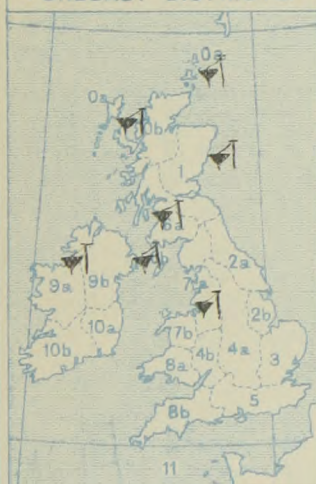
## RAINFALL. Equivalents of Millimeters in Inches.

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	46	1



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



#### FORECAST DISTRICTS.





#### STORM WARNINGS.

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

Signals hoisted yesterday.

South Cone.   
North Cone. 

Signals hoisted this morning.

South Cone.   
North Cone. 

South Cone hoisted this morning at 8 o'clock in Districts 0, 1, 6, 7 & 9.

Western Channel and Bay. 11

#### FURTHER OUTLOOK.

Southerly to South-Westerly winds, becoming strong, high in places; rainy, then fairer; moderate temperature.

Southerly to South-Westerly winds, becoming fresh or strong in exposed places; much cloud, some rain or showers, fairer to-morrow; moderate temperature, air close.

Same as Nos. 0 and 1.

Same as Nos. 2 to 5.

Same as Nos. 0 and 1.

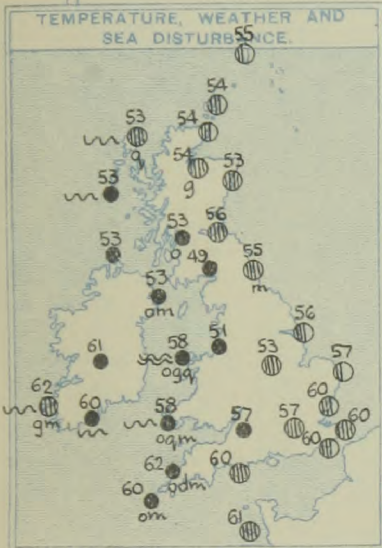
Southerly and South-Westerly winds, fresh or strong to moderate; rainy, then showery; moderate temperature.

Southerly and South-Westerly winds, fresh or strong to moderate; sea rather rough or rough; rainy, then fairer.

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

## GENERAL INFERENCE.

The large depression centred to the north-westward of Ireland appears likely to move in a north-easterly direction, and will probably cause a great increase in the force of the wind from South and South-West on our north-western and northern coasts, while rain or passing showers will be experienced in all parts of the Kingdom.

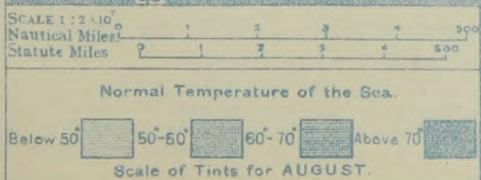


Inches.

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 is shown by a circle.

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

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

○ clear sky. ○ sky 1/2 clouded. ○ sky 3/4 clouded. ○ sky 2/3 clouded. ○ overcast sky. ● rain falling. \* snow. ▲ hail. ≡ fog. ≡ mist. T, thunder. T, thunderstorm.

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

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.	Dirac.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirac.	Force.	
		°	'			mb.	±		(0-12).			°	'			mb.	±		(0-12).	

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 ... ..	6	58	51	p.bcp	c	6.5	England, S.E.	Tunbridge Wells ... ..	1	68	52	o.bc	bc.b	2.4
	Banff ... ..	-	62	48	bc	bcr	6.5		Margate ... ..	-	67	51	o	c.b.o	2.7
	Stonehaven ... ..	0.3	67	44	bcp	bc.b	6.3		Ramsgate ... ..	-	66	55	o	bc	2.9
	Carnoustie ... ..	-	66	46	*	*	11.8		Folkestone ... ..	2	67	57	r.bc	bc.o.b	2.6
	St. Andrews ... ..	-	66	48	*	*	11.6		Hythe ... ..	-	-	-	-	-	-
Eng. N.E.	Harrogate ... ..	-	63	50	c.o.c	c.bc.b	4.7	England, S.E.	Littlestone ... ..	*	*	*	*	*	3.4
	Scarborough ... ..	*	66	53	c	bc.b	2.9		Hastings ... ..	2	66	56	or.c	bc.c	3.2
	Skegness ... ..	-	64	50	c.bc	bc	3.5		Bexhill-on-Sea ... ..	2	67	56	bc	bc.or	5.2
Eng. N.W.	Douglas (I. of M.) ... ..	-	64	51	bq	bq	9.5	England, S.W.	Eastbourne ... ..	3	66	56	o.bc.b	bc.c	6.3
	Morecambe ... ..	-	63	56	b	b	9.4		Seaford ... ..	1	65	57	b	b	5.6
	Blackpool ... ..	0.3	63	56	c	bc	9.0		Brighton ... ..	1	66	56	o.c.bc	bc.c.bc	5.6
	Southport ... ..	1	63	54	op.c.bc	bc.b	9.0		Worthing ... ..	-	68	58	bc	b	6.1
Midlands.	Buxton ... ..	1	59	50	bcr	bc	1.2	England, S.W.	L. tlehampton ... ..	-	69	53	*	*	7.1
	Leamington Spa ... ..	-	65	50	c.b	c	5.7		Bognor ... ..	-	68	54	bc	bc	6.7
	Malvern ... ..	-	66	57	c.bc	bc.b	6.2		Southsea ... ..	-	67	56	bc.c	c	6.2
	Ross-on-Wye ... ..	-	68	49	c	bc.c	4.6		Ryde ... ..	1	66	56	bc	bc	8.0
Wales.	Rhyl ... ..	1	64	54	bc	bc	7.0	England, S.W.	Ventnor ... ..	-	-	-	*	*	-
	Colwyn Bay ... ..	-	65	55	bc	bc	6.7		Bournemouth ... ..	-	65	51	c.bc	b	6.0
	Llandudno ... ..	-	66	55	b	bc	6.8		Weymouth ... ..	-	68	55	bc	by	8.4
	Bettws-y-Coed ... ..	-	65	53	*	*	7.8		Exmouth ... ..	-	67	53	bc	bc	6.0
	Aberystwyth ... ..	-	63	56	o.cb	b.bc	8.7		Teignmouth ... ..	-	68	53	bc	bc	5.3
England, E.	Tenby ... ..	2	65	53	bc	b	3.5	England, S.W.	Torquay ... ..	-	65	53	c	c.bc.b	5.3
	Swansea ... ..	2	67	60	c.b	b	9.7		Paignton ... ..	1	66	52	bcp	p.bc.b	5.7
	Cromer ... ..	-	64	52	bc	c	3.1		Plymouth ... ..	-	64	52	bc	c.b	6.9
	Lowestoft ... ..	1	70	53	c.o.c	c	4.7		Falmouth ... ..	-	-	-	-	-	-
	Felixstowe ... ..	-	70	56	c	bc	3.5		Penzance ... ..	-	67	52	bc	bc	11.3
England, E.	Walton-on-Naze ... ..	-	68	55	o.c	o.cq.c	3.2	England, S.W.	Bude ... ..	2	65	57	o.c.bc	bc.b	8.5
	Southend-on-Sea ... ..	-	69	56	bc.o	bc.o	2.7		Ilfracombe ... ..	-	64	56	o.c.bc	bc.b	7.6
									Weston-super-Mare ... ..	4	65	55	c.bc.b	b	7.5

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.									
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.				Fore- noon.	After- noon.	Night.							
				Max.	Min.	Min. on Grass.											
24 HOURS ENDED 6 A.M. TO-DAY.							Fore- noon.	After- noon.	Night.								
%.	%.	Hr.	° F.	° F.	° F.	mm. §											
Greenwich (Royal Obs.) ...	57	84	4·7	72	46	39	-	b.c.c	b.c.c.o	o.o.r.o							
City (Eunhill Row) ...	*	*	3·2	*	*	*	*	*	*	*							
Westminster (St. James's Pk.)	60	93	4·5	69	49	43	-	b.e	b.e	b.c.a.r							
Camden Sq. (Brit. Rainfall)	48	83	4·5	72	47	43	-	b.e	b.e	*							
Hampstead (Reservoir) ...	*	83	3·9	66	49	39	-	b.e	o	o.o.r							
Richmond Park ...	*	*	5·5	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.													
Kew. (See front page.)	(Greenwich and Camden Square air temperatures are in Glaisher screens.)																
S. Kensington (Roof of M.O.)																	
	61	92	4·7	Total.	Average Rate.	Max. Rate.											
				1444 Joules	26·6 Milliwatts.	77·0 Milliwatts.											

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.				NOTES ON YESTERDAY'S WEATHER.			
30th Sept. Aug., 1914.				Temperature rose to above 65° in many parts of the Kingdom, touching 68° or 69° at several southern and south-eastern stations. Bright sunshine was more prevalent than of late except at some stations in the south-east and east. Rain has fallen in most western and northern localities, the quantity being slight or moderate generally, but as much as 26 millimetres (1·02 in.) at Valencia.			
	Sunrise.	Noon.	Sunset.				
	G.M.T.	G.M.T.	G.M.T.				
Yarmouth ... ..	4.24	11.58	7.23				
	4.26	11.58	7.31				
Greenwich ... ..	4.35	12.5	7.36				
	4.37	12.5	7.34				
Wick ... ..	4.20	12.17	8.16				
	4.22	12.17	8.13				
Valencia ... ..	5.14	12.46	8.00				
			8.18				

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.

1914.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday

9th August 1914.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer.		Temp.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dirac.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Deerness	1000.0	54	S	5	o	1002.3	+	55	+1	S	1	-	b	4	7	56	54	g.c	bc	g.c.bc	Hours. 0.9
	Lerwick	1002.7	55	S	6	cp	1001.5	+1	54	-1	W	3	-	b	2	7	60	54	bc	o.cp	f	*
	Stornoway	997.5	59	SW	5	bc	999.0	0	56	+3	SW	7	SW	bc	6	5	60	51	orm	or.bc	b.bc	3.9
	Castlebay (Barra Isd.)	998.4	57	SW	5	bc	1000.6	0	56	+3	SSW	5	-	c	6	8	59	52	r.cm	cm.bc	bc.b	4.1
	Glasgow	1002.0	60	SSW	2	od	1006.7	+6	54	+1	SW	4	-	b	4	25	61	50	r	r	r.o.bc	0.0
	Edinburgh	1004.0	59	SSW	6	r	1007.5	+2	57	+8	SW	5	-	o	4	39	59	48	r	r	d.o	0.0
	Malin Head	1000.0	58	WSW	4	o	1003.5	+2	53	0	WSW	3	SW	bc	3	1	62	50	og	orm	bc	0.0
	Blackod Point			SW	6	cm					SW	6		bcm	4							
	Valencia	1003.7	59	SSE	2	r	1009.8	+4	56	-6	S	2	SW	b	5	10	62	52	orm	orm	m.bc	0.0
	Roche's Point	1006.0	60	SW	3	rm	1011.8	*	55	-5	SW	2	-	b	4	8	61	55	rm.f	md.f	df.f	*
	Birr Castle	1003.4	60	SW	2	r	1008.7	*	52	-9	SW	2	-	b	4	10	67	50	or.o	or	or.b	0.0
	Donaghadee	1002.0	61	SW	4	orm	1007.4	+5	54	-1	SW	4	SW	bc	3	15	64	52	orm	orm	orm.cm	*
	Liverpool (Bidston)	1008.4	66	SSW	4	o	1010.6	+2	63	+12	S	3	S	o	3	4	67	51	or	og	od	0.0
	Holyhead	1007.2	60	SSW	6	fd	1010.4	+4	59	+1	SW	4	-	fe	2	16	61	57	a.p.or	fe.fr	fr.de	0.0
	Pembroke (St. Ann's)	1010.9	60	SSW	7	o	1011.7	+2	60	+2	SW	6	-	orm	6	8	50	58	orm	orm	orm	0.0
	Newquay	1013.4	63	S	4	o	1015.0	+2	62	0	WSW	4	-	og	4	1	66	61	od.o	o	o	0.0
	Scilly (St. Mary's)	1013.3	61	SSW	5	f	1013.8	+1	60	0	SSW	5	-	orm	6	0.2	63	59	orm	orm	orm	0.0
	Jersey (St. Aubin)	1020.0	66	SSW	3	og	1021.3	*	63	+2	SW	3	-	og	2	0.3	62	61	og.mdp	od.og	od.og	0.0
	Portland Bill	1017.0	61	SW	5	o	1017.8	+1	61	+1	SSW	5	SW	o	4	2	63	59	o	od	odm	*
	Dungeness	1019.1	64	SSE	4	o	1019.6	0	63	+3	SW	4	SW	o	4	0.2	65	59	c.op	opv	o.c.o	*
	Dover	1018.5	62	SW	5	rm	1020.3	*	63	+3	SW	4	SW	bc	4	1	63	58	c.p.o	orv.ov	or.c.bc	0.5
ICELAND, FAEROE, &c.	Wick	1000.4	54	SSE	4	o	1002.8	+3	55	+1	S	1	-	b	2	3	56	45	cm.orm	or.orm	orm.bm	*
	Nairn	999.6	64	S	1	bc	1003.0	*	56	+2	S	1	-	bc	1	2	65	49	og.o	bc.p	ug	0.6
	Aberdeen	1002.7	55	SSE	4	r	1004.2	+2	59	+6	SSW	2	-	bc	2	8	59	52	c.or	r	or.f.bc	0.0
	Leith	1002.4	64	SW	3	r	1005.9	+3	60	+4	SW	3	-	bc	4	7	66	52	or.og	or	od.c	*
	Tynemouth	1006.1	65	SSW	3	orm	1008.7	+3	60	+5	-	0	SW	cm	3	5	66	54	orm	orm	bc.d	0.0
	Spurn Head	1011.5	64	S	3	c	1012.6	+2	66	+9	SW	5	SW	og	4	2	66	55	or	or.c	c.o	0.1
	Yarmouth	1016.0	64	SW	3	o	1016.4	+2	65	+8	SW	4	SW	bc	3	2	66	54	bc.o	or	o.bc	2.2
	Clacton-on-Sea	1017.3	64	SW	4	o	1017.9	0	65	+5	SW	4	W	c	3	2	65	59	op	or.o	o.c	0.0
	Nottingham	1011.9	66	SW	4	o	1012.8	*	65	+12	SW	4	SW	o	4	3	67	53	or	r.o	o	0.0
	Bath	1015.2	64	SW	4	o	1015.9	*	64	+7	WSW	4	SW	o	4	1	66	57	r.og	og	g.od.og	0.0
	London (New Obs.)	1017.0	64	SSW	4	oe	1018.0	+2	64	+7	SSW	3	-	o	4	3	66	57	a.or	or.o.or	o.or.o	0.0
NORTHERN EUROPE.	Spitzbergen																					
	Isafjord																					
	Reykjavik																					
	Vestmanna																					
	Seydisfjord																					
	Thorshavn																					
	Vardö																					
	Bodö																					
	Christiansund																					
	Skudesnaes																					
CENTRAL EUROPE.	Færder (Xianta Fjord)																					
	The Scaw (Skagen)																					
	Blaavands Huk																					
	Haparanda																					
	Hernösand																					
	Stockholm																					
	Wishy																					
	Karlstad																					
	St. Petersburg	1010.7	64	W	2	b	1012.4	+2	64		W	1	-	b	4		70	59				
	Berlin																					
FRANCE.	Frankfurt																					
	Munich																					
	Vienna																					
	Cuxhaven																					
	The Helder	1018.6	63	SSW	5	r	1019.7	+1	66	+3	SSW	5	-	c	3	1	68	61				
	Brussels	*	*	*	*	*	1021.7	+1	64	+10	SSW	1	-	c	4	Trace	70	54				
	C. Gris Nez	1019.3	65	SW	5	c	1019.9	+1	64	+4	SW	5	-	bc	4	-	68	63				
	La Hève	1020.7	63	SW	4	o	1022.3	*	62	+5	SSW	3	-	o	2	-	70	57				
	Ushant	1018.6	59	SW	4	o	1018.6	*	60		SSW	4	-	f	4	-	64	55				
	Brest (St. Mathieu)	1019.5	61	S	5	m	1020.0	+1	60	0	SW	4	-	m	4	1	68	57				
SOUTHERN EUROPE.	Rochefort (Ile d'Als)	1022.4	65	NNW	3	bc	1021.9	-1	68	+4	ESE	2	*	bc	*	-	81	59				
	Biarritz	1018.1	79	E	3	b	1023.0	0	65	+1	ESE	1	*	m	3	-	82	61				
	Paris	1022.4	68	SSW	2	b	1023.7	+2	64	+9	S	2	-	b	*	-	73	55				
	Belfort	1025.5	64	W	4	bc	1026.3	*	60		ENE	4	*	m	*	-	71	50				
	Lyons	1024.2	67	NNE	1	bc	1025.3	*	62		-	0	*	b	*	-	74	53				
	Nice																					
	Perpignan	1020.3	75	-	0	b	1023.0	+3	70	0	-	0	-	b	*	-	84	59				
	Sanguinaire	*	*				*	*														
	Corunna (7 a.m.)	1022.0	68	NW	2	b	1022.0	+1	61	-3	SE	1	-	f	3	2	70	59				
	Madrid (8 a.m.)	1016.3	90	WSW	1	b	1021.0	+2	73		NE	1	-	b	*	-	93	68				
RAINFALL.	Lisbon (9 a.m.)	1006.0	84	NNW	4	b	1017.6	0	68		N	1	-	b	5	-	88	66				
	Gibraltar																					

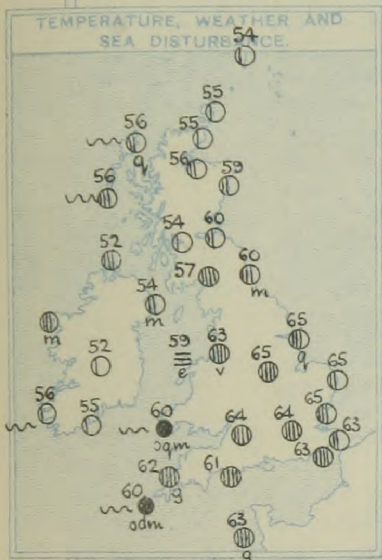
## RAINFALL.

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	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97



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



Inches.

31

30

29

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

Normal Temperature of the Sea.

Below 50° 50°-60° 60°-70° Above 70°

Scale of Tints for AUGUST.

30.12 in.

## 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 1/4 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

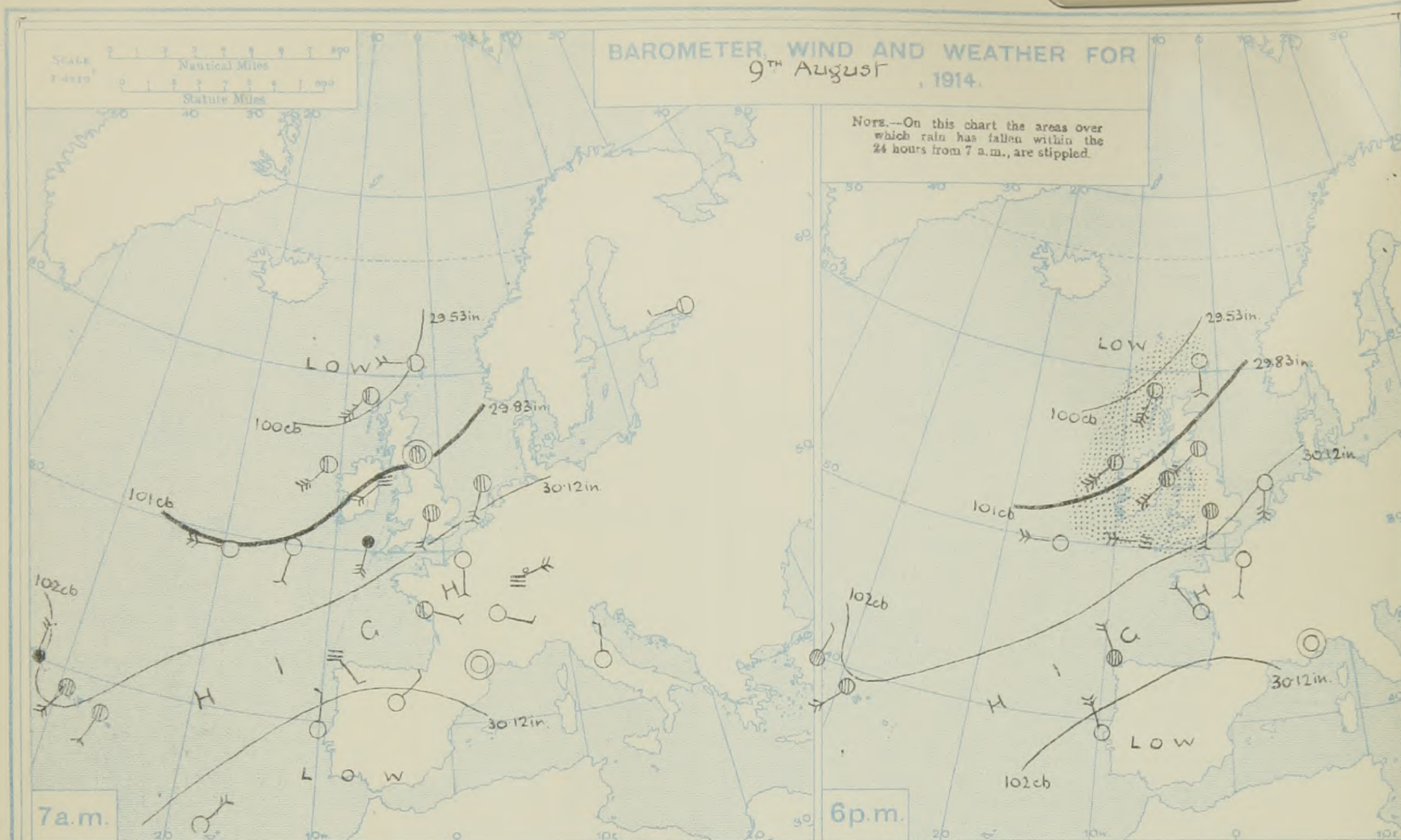
## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

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.	
8th 6pm	48	22	Menominee	H	1006.8	0	W	1-3	C	8th 7am	47	25	Menominee	H	1006.3	+1	NNE	4-5	bc
"	48	17	Zeeland	H	1009.4	+3	W	4-5	C	"	47	21	Zeeland	H	1004.7	-2	NW	4-5	r
"	50	14	Minnewaska	H	1007.1	+4	W	1-3	O	"	49	19	Minnewaska	H	1002.0	+3	NW	4-5	r

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

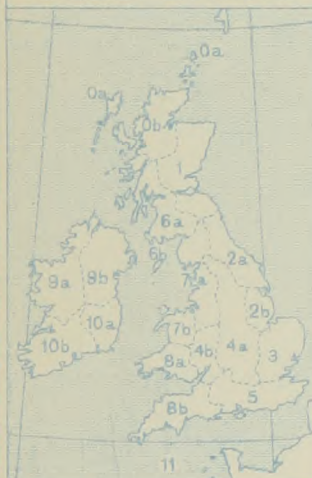
STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban ... ..	mm. §	° F.	° F.			Hr.	England, S.E.	Tunbridge Wells ... ..	mm. §	° F.	° F.			Hr.
	Banff ... ..	8	56	44	bc. 0	•	0.5		Margate ... ..	1	65	47	od	d. 0	0.0
	Stonehaven ... ..								Ramsgate ... ..	2	66	52	•	•	0.0
	Carnoustie ... ..	8	58	44	*	*	0.0		Folkestone ... ..	1	65	?	p	p	0.0
	St. Andrews ... ..				*	*			Hythe ... ..		63	52	bc. r	d. od	0.4
Eng. N.E.	Harrogate ... ..	2	65	46	op	c. op. 0	0.0	England, S.W.	Littlestone ... ..	*	*	*	*	*	0.2
	Scarborough ... ..	*							Hastings ... ..	1	65	53	od. bc	a. c	0.0
	Skegness ... ..	2	65	47	od	d. 0	0.4		Bexhill-on-Sea ... ..	4	64	54	r. 0. bc	c. or	0.3
Eng. N.W.	Douglas (I. of M.) ... ..								Eastbourne ... ..	0.3	65	54	•	0. bc. 0	0.0
	Morecambe ... ..	8	66	50	r. 0	r. 0	0.0		Seaford ... ..	—	65	50	•	•	0.0
	Blackpool ... ..	6	66	49	or	•	0.0		Brighton ... ..	1	65	50	•	0. c. 0	0.1
	Southport ... ..	5	65	48	or. 0	op. 0	0.0		Worthing ... ..	2	65	51	or	c. 0	0.1
Midlands.	Buxton ... ..	12	67	41	cr	cr	0.0		Littlehampton ... ..	2	69	50	*	*	0.2
	Leamington Spa ... ..	8	66	46	or	•	0.0		Bognor ... ..	3	65	54	r	r	0.2
	Malvern ... ..								Southsea ... ..						
	Ross-on-Wye ... ..	3	67	47	r. 0. g	og. pd	0.0		Ryde ... ..						
Wales.	Rhyl ... ..	4	67	50	or. 0	•	0.0		Ventnor ... ..				*	*	
	Colwyn Bay ... ..								Bournemouth ... ..	3	64	53	od	d. 0	0.0
	Llandudno ... ..								Weymouth ... ..	3	63	56	om	d. om	0.0
	Bettws-y-Coed ... ..								Exmouth ... ..						
	Aberystwyth ... ..	6	65	54	r. 0. c	c. or	0.0		Teignmouth ... ..	1	65	54	od	0. od.	0.0
England, E.	Tenby ... ..	14	62	61	r	op	0.0		Torquay ... ..	2	64	55	or	od.	0.0
	Swansea ... ..	14	66	61	r	ur	0.0		Paignton ... ..	3	65	52	or. od	od	0.2
	Cromer ... ..	2	65	49	•	•	1.2		Plymouth to 9 p.m. ... ..	6	61	57	org	og	0.0
	Lowestoft ... ..								Falmouth ... ..	5	64	54	r. me. g	me. g	0.0
	Felixstowe ... ..	2	67	51	c	op	0.6		Penzance ... ..						
England, S.W.	Walton-on-Naze ... ..	2	64	52	og. p	op. 0	0.2		Bude ... ..	6	69	51			0.0
	Southend-on-Sea ... ..								Ilfracombe ... ..	8	67	54	od. e	oe	0.0
LONDON OBSERVATIONS.								Additional Observations for Yesterday.							
STATIONS.		HUMIDITY.		Sun- shine for Yesterday.	TEMPERATURE.			Rainfall.	WEATHER.			Sun- shine for Yesterday.			
		3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.			Forenoon.	Afternoon.	Night.				
					24 HOURS ENDED 9 A.M. TO-DAY.										
					Max.	Min.									
					° F.	° F.	° F.								
					mm. §										

Monday,  
10th August 1914.



FORECASTS FOR THE TWENTY-FOUR 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.

0 } Wind mainly South-Westerly, light or moderate; fresh at times locally; mostly fair, some showers in places; no great change of temperature.

2 }  
3 } South-Westerly winds, light or moderate; mostly fair;  
4 } moderate temperature, air close.  
5 }

6 } Same as Nos. 0 to 2.  
7 }

8 } Same as Nos. 3 to 5.  
9 }

9 } South-Westerly winds, light or moderate; fresh locally;  
10 } changeable, some showers, considerable fair intervals; moderate temperature.  
11 }

Western Channel and Bay. 11

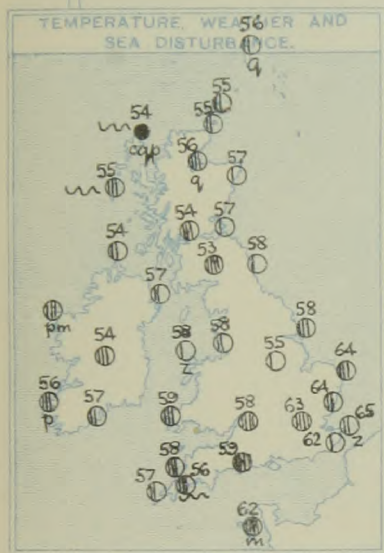
Wind mainly South-Westerly, light or moderate; sea moderate to slight; some local mist, otherwise fair generally.

FURTHER OUTLOOK.

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

## GENERAL INFERENCE.

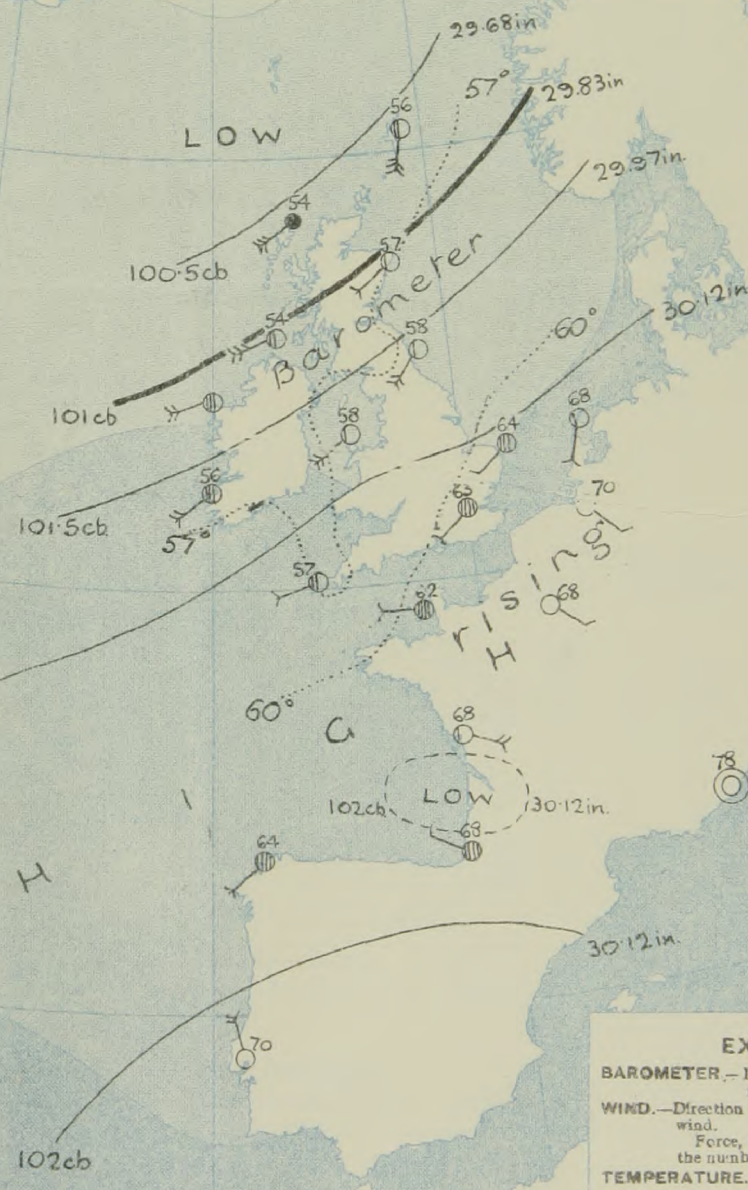
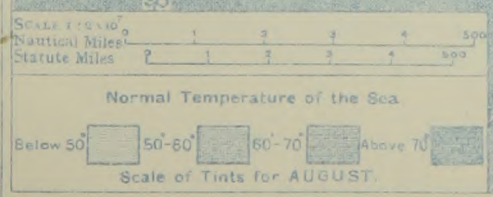
The pressure distribution continues favourable for the passage of shallow depressions over these islands and their neighbourhood, but at present the barometer is rising very generally.



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 1/2 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 lines. High seas.

## 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 6 p.m.	49	14	Menominee	H	1017.9	+2	W	4-5	b	9th 7 a.m.	48	18	Menominee	H	1012.8	+3	W	4-5	b
1 p.m.	50	10	Zeeland	H	1014.5	+1	SW	4-5	b	" "	49	12	Zeeland	H	1011.8	-1	SSW	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.			Hr.			mm.‡	° F.	° F.			Hr.
Scotland	Oban ...	...	...	...	...	...	...	England, S.E.		...	...	...	...	...	...
	Banff ...	...	...	...	...	...	...			...	...	...	...	...	...
	Stonehaven ...	...	...	...	...	...	...			...	...	...	...	...	...
	Carnoustie ...	...	...	...	...	...	...			...	...	...	...	...	...
Eng. N.E.	St. Andrews ...	...	...	...	...	...	...			...	...	...	...	...	...
	Harrogate ...	...	...	...	...	...	...			...	...	...	...	...	...
	Scarborough ...	...	...	...	...	...	...			...	...	...	...	...	...
	Skegness ...	...	...	...	...	...	...			...	...	...	...	...	...
Eng. N.W.	Douglas (I. of M.) ...	...	...	...	...	...	...	England, S.E.		...	...	...	...	...	...
	Morecambe ...	...	...	...	...	...	...			...	...	...	...	...	...
	Blackpool ...	...	...	...	...	...	...			...	...	...	...	...	...
	Southport ...	...	...	...	...	...	...			...	...	...	...	...	...
Midlands.	Buxton ...	...	...	...	...	...	...			...	...	...	...	...	...
	Leamington Spa ...	...	...	...	...	...	...			...	...	...	...	...	...
	Malvern ...	...	...	...	...	...	...			...	...	...	...	...	...
	Ross-on-Wye ...	...	...	...	...	...	...			...	...	...	...	...	...
Wales.	Rhyl ...	...	...	...	...	...	...	England, S.W.		...	...	...	...	...	...
	Colwyn Bay ...	...	...	...	...	...	...			...	...	...	...	...	...
	Llandudno ...	...	...	...	...	...	...			...	...	...	...	...	...
	Bettws-y-Coed ...	...	...	...	...	...	...			...	...	...	...	...	...
England, E.	Aberystwyth ...	...	...	...	...	...	...			...	...	...	...	...	...
	Tenby ...	...	...	...	...	...	...			...	...	...	...	...	...
	Swansea ...	...	...	...	...	...	...			...	...	...	...	...	...
	Cromer ...	...	...	...	...	...	...			...	...	...	...	...	...
	Lowestoft ...	...	...	...	...	...	...			...	...	...	...	...	...
	Felixstowe ...	...	...	...	...	...	...			...	...	...	...	...	...
	Walton-on-Naze ...	...	...	...	...	...	...			...	...	...	...	...	...
	Southend-on-Sea ...	...	...	...	...	...	...			...	...	...	...	...	...
	Tunbridge Wells ...	...	...	...	...	...	...			...	...	...	...	...	...
	Margate ...	...	...	...	...	...	...			...	...	...	...	...	...
	Ramsgate ...	...	...	...	...	...	...			...	...	...	...	...	...
	Folkestone ...	...	...	...	...	...	...			...	...	...	...	...	...
	Hythe ...	...	...	...	...	...	...			...	...	...	...	...	...
	Littlestone ...	...	...	...	...	...	...			...	...	...	...	...	...
	Hastings ...	...	...	...	...	...	...			...	...	...	...	...	...
	Bexhill-on-Sea ...	...	...	...	...	...	...			...	...	...	...	...	...
	Eastbourne ...	...	...	...	...	...	...			...	...	...	...	...	...
	Seaford ...	...	...	...	...	...	...			...	...	...	...	...	...
	Brighton ...	...	...	...	...	...	...			...	...	...	...	...	...
	Worthing ...	...	...	...	...	...	...			...	...	...	...	...	...
	Littlehampton ...	...	...	...	...	...	...			...	...	...	...	...	...
	Bognor ...	...	...	...	...	...	...			...	...	...	...	...	...
	Southsea ...	...	...	...	...	...	...			...	...	...	...	...	...
	Ryde ...	...	...	...	...	...	...			...	...	...	...	...	...
	Ventnor ...	...	...	...	...	...	...			...	...	...	...	...	...
	Bournemouth ...	...	...	...	...	...	...			...	...	...	...	...	...
	Weymouth... ..	...	...	...	...	...	...			...	...	...	...	...	...
	Exmouth ...	...	...	...	...	...	...			...	...	...	...	...	...
	Teignmouth ...	...	...	...	...	...	...			...	...	...	...	...	...
	Torquay ...	...	...	...	...	...	...			...	...	...	...	...	...
	Paignton ...	...	...	...	...	...	...			...	...	...	...	...	...
	Plymouth ...	...	...	...	...	...	...			...	...	...	...	...	...
	Falmouth ...	...	...	...	...	...	...			...	...	...	...	...	...
	Penzance ...	...	...	...	...	...	...			...	...	...	...	...	...
	Bude ...	...	...	...	...	...	...			...	...	...	...	...	...
	Ilfracombe ...	...	...	...	...	...	...			...	...	...	...	...	...
	Weston-super-Mare ...	...	...	...	...	...	...			...	...	...	...	...	...

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

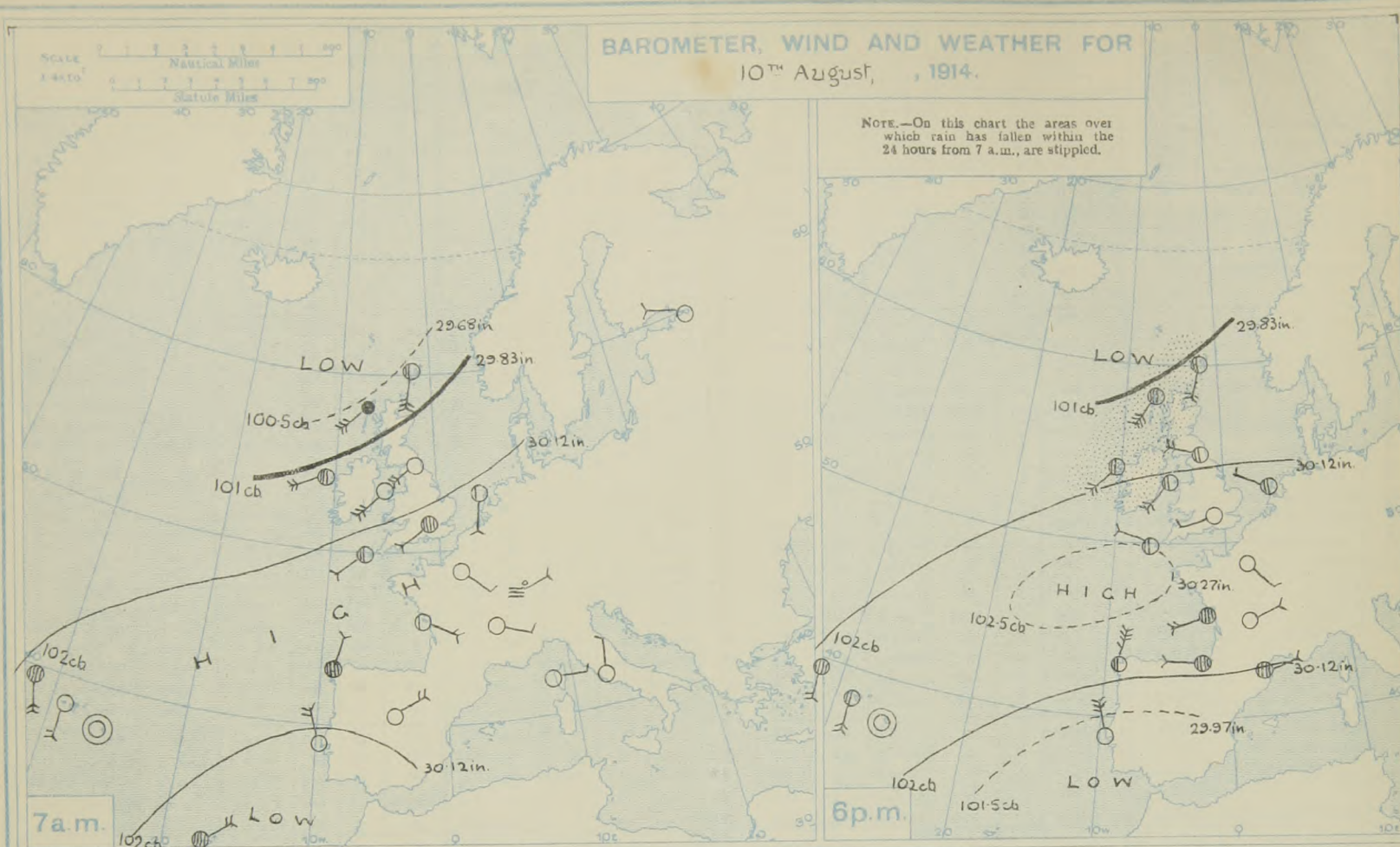
Tuesday,  
11th August, 1914.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day. Hours.
		Barom. Milli- bars at M.S.L.	Temp. °F.	WIND.		Weather.	Barometer.		Temp.		WIND.		Direc. of Upper Cloud.	Weather.	Sea (0-9).	Rain- fall. Milli- metres.	Temp.		WEATHER.				
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Deerness	1011.0	57	S	2	c	1014.1	+	54	-1	SW	3	SW	c	3	1	62	51	c. of	cp	cp	8.8	
	Lerwick	1010.1	57	SSW	4	bc	1011.7	0	54	-2	SW	5	-	c	4	Trace	60	53	bcq	bc	bc	*	
	Stornoway	1010.6	59	SW	6	cq	1015.2	+4	55	+1	SW	5	SW	cq	5	2	61	52	cq	bcq	c. eqp	6.6	
	Castletown (Barra Isd.)	1012.8	56	SW	5	o	1017.9	+4	55	0	WSW	4	-	o	4	4	57	52	c. of bc	bc. o	c. of bc. o	6.4	
	Glasgow	1017.1	58	SW	3	c	1021.0	+3	54	0	SW	4	-	o	*	1	63	52	c. of bc	bc. o	c. of bc. o	7.3	
	Eskdalemuir	1018.0	58	SW	4	b	1022.9	+2	52	-1	SSW	4	-	o	*	4	60	48	c. of bc	bc. o	c. of bc. o	7.8	
	Malin Head	1015.5	60	W	3	bc	1020.8	+5	55	+1	SW	4	W	c	2	2	61	52	bcq	bc	cq	10.3	
	Blacksod Point	?	?	SW	5	bcq	?	?	?	?	WSW	3	?	bc	3	?	?	?	bcq	bc	c	7.8	
	Valencia	1022.3	59	SW	3	c	1025.7	+2	57	+1	SSW	1	-	bc	3	-	63	55	c	c	cm	*	
	Roche's Point	1021.1	61	SW	4	c	1027.0	*	55	-2	WSW	2	W	bc	3	0.3	64	53	c	bc. c. o	c. b. m	*	
	Birr Castle	1020.6	61	SW	3	c	1025.0	*	55	+1	SSW	2	W	c	*	2	64	53	cp	c	c	7.4	
	Donaghadee	1017.9	63	W	5	bc	1022.0	+2	55	-2	SW	5	SW	bcq	4	3	67	52	bcpt	bc	bc. bc	*	
	Liverpool (Bidston)	1021.2	64	SW	3	b	1025.5	+1	61	+3	WSW	1	-	b	2	-	68	54	b	b	c. b	12.8	
	Holyhead	1021.5	60	SW	4	bc	1026.0	+2	58	0	SW	2	-	bc	1	-	63	55	bc	bc	bc. m	11.5	
	Pembroke (St. Ann's)	1023.8	58	WSW	4	c	1027.5	+3	58	-1	W	2	W	bc	2	1	61	56	c	b	c	10.8	
	Newquay	1024.3	62	WSW	2	bc	1027.3	+2	58	0	WNW	1	-	bcq	2	-	64	47	b	b	bc	10.6	
	Scilly (St. Mary's)	1025.0	62	WNW	2	bc	1027.6	+2	56	-1	-	0	-	b	2	0.1	65	53	bc	b	bc. c	13.1	
	Jersey (St. Aubin)	1024.0	64	NW	2	b	1026.9	*	61	-1	NE	3	-	b	2	Trace	68	57	bc. c. o	o. b.	bc	5.5	
	Portland Bill	1023.3	61	WSW	3	b	1027.5	+1	59	0	N	2	-	b	2	-	63	56	o. c. bc	bc	bc	*	
	Dungeness	1021.9	64	SW	4	bc	1027.8	+2	58	-4	NW	2	NW	b	2	-	68	51	bc	bc	b. bc	*	
	Dover	1022.0	67	SW	2	b	1026.1	*	64	-4	NNW	3	-	b	2	-	69	53	bc. c. b.	b	b	11.3	
Wick	1010.8	58	SSW	3	bc	1015.4	+3	54	-1	SSW	3	-	bc	2	1	62	49	bc. c	c. bcq	bc	*		
Nairn	1012.5	61	SW	2	bc	1016.6	*	54	-2	SW	3	-	bc	3	1	64	51	cq	bcq	bc. c	8.6		
Aberdeen	1014.3	63	SW	3	bc	1019.3	+2	57	0	SSW	3	W	bc	2	1	66	52	bcq	bc. bc	bc. bc	11.9		
Leith	1016.8	63	WSW	4	b	1020.4	+3	57	0	WSW	4	W	bc	*	0.1	65	53	c. bc	bc	bc. c	*		
Tynemouth	1018.5	65	WNW	3	bc	1022.5	+3	57	-1	WSW	3	W	cm	2	-	68	56	bcq	bc	bc. m	*		
Spurn Head	1020.7	68	WNW	3	bc	1025.3	?	60	+2	WNW	4	NW	bc	3	-	72	54	bc	bc	bc	9.5		
Yarmouth	1022.1	63	NE	2	c	1025.8	+4	56	-8	W	2	-	bc	1	-	73	50	c. bc	bc	bc	4.0		
Clacton-on-Sea	1021.3	70	WSW	1	o	1026.2	+3	58	-6	NW	2	-	b	1	-	71	51	bc	bc. c. o	o. c. bc	8.7		
Nottingham	1021.4	66	W	2	b	1026.1	*	53	-2	SW	1	SW	bc	*	-	71	49	b. bc	bc. b	b	10.5		
Bath	1023.3	66	W	3	b	1027.7	*	51	-7	W	1	-	b	*	Trace	70	46	o. bc	bc. b.	bc. m	7.8		
London (Kew Obsy.)	1022.4	69	WSW	1	bc	1027.5	+2	55	-8	SW	1	-	bc	*	-	71	50	od. o.	o. bc. b. v.	bc. b. v.	3.2		
NORTH EUROPE.	Spitzbergen																						
	Falmouth	1025.0	63	NW	2	bc	1027.8	+2	56	0	W	1	W	b	3	-	68	49					
CENTRAL EUROPE.	Vardö																						
	Bodö																						
	Christiansund																						
	Skudesnaes																						
	Færder (X'ania Fjord)																						
	The Scaw (Skagen)																						
	Blaavands Huk																						
	Haparanda																						
	Hernösand																						
	Stockholm																						
FRANCE.	Wisby																						
	Karlstad																						
	St. Petersburg																						
	Berlin																						
	Frankfurt																						
	Munich																						
	Vienna																						
	Cuxhaven																						
	The Helder	1021.9	64	WNW	1	bc	1025.2	+2	61	-7	W	1	-	c	1	-	72	61					
	Brussels	*	*	*	*	*	1025.1	+3	66	-4	NW	1	-	c	*	-	86	59					
SOUTHERN EUROPE.	C. Gris Nez	1021.6	65	WSW	4	b	1026.0	+3	63	-3	N	4	*	m	3	-	73	59					
	La Hève	1023.7	61	N	2	b	1026.6	*	61	-1	NNE	3	*	b	2	-	77	57					
	Ushant	1025.1	65	NE	3	b	1026.6	*	57	0	NE	3	*	b	3	-	72	52					
	Brest (St. Mathieu)	1022.3	68	NNW	3	b	?	0	59	0	NE	3	*	bc	2	-	68	57					
	Rochefort (Ile d'Arx)	1021.0	71	WSW	3	o	1028.1	+1	68	0	SE	3	*	o	*	-	82	66					
	Biarritz	1022.4	68	W	2	o	1023.0	0	67	-1	-	0	*	o	3	-	72	66					
	Paris																						
	Belfort	1021.2	79	SE	1	b	1025.0	+2	63	-5	NE	2	-	o	*	-	86	61					
	Lyons																						
	Nice																						
SOUTHERN EUROPE.	Perpignan	1022.7	73	E	2	o	1023.5	0	70	0	-	0	-	c	*	-	79	57					
	Sanguinaire	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Corunna (7 a.m.)	1022.4	68	NNE	7	bc	102																

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	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97

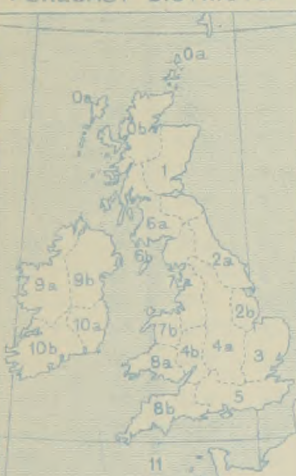
1 Millimeter = .03937 inch.

Rainfall amounts expressed in Millimeters may therefore be converted approximately to Hundredths Inch by multiplying by 4. (Error 16 per cent.)



**FORECASTS FOR THE TWENTY-FOUR 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.**

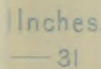
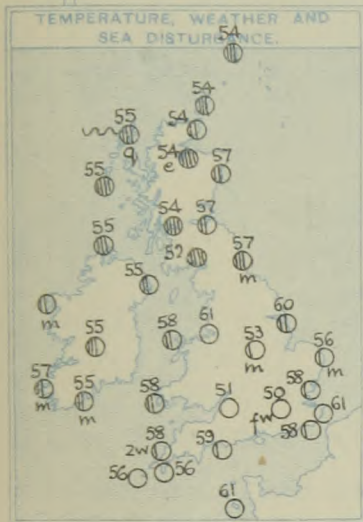
- |    |        |  |
|----|--------|--|
| 0  | a<br>b | Wind between West and South-West, light or moderate; fair or fine; temperature rising.               |
| 1  |        |  |
| 2  | a<br>b | Wind rather variable, mainly between West and North-West, light; fair or bright; temperature rising. |
| 3  |        |  |
| 4  | a<br>b | Same as Nos. 0 and 1.  |
| 5  |        |  |
| 6  | a<br>b | Wind mainly Westerly, light; fair or fine; temperature rising.                                       |
| 7  |        |  |
| 8  | a<br>b | Same as Nos. 3 to 5.   |
| 9  |        |  |
| 10 | a<br>b | Same as Nos. 0 and 1.  |
| 11 |        |  |

Western Channel and Bay. 11

Light variable winds; sea smooth or slight; fair or bright generally.

**FURTHER OUTLOOK.**

The anticyclonic system extending over these islands from the Atlantic will probably increase both in area and intensity.

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.	
					mb.	†		(0-12).							mb.	†		(0-12).	

## 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 ...	6	58	52	op	bc.b	6.6	England, S.E.	Tunbridge Wells ...	—	75	58	bc.b	b.bc	8.5
	Banff ...	1	66	50	bc	p.bc	9.0		Margate ...	—	75	58	b	b	10.0
	Stonehaven ...	1	67	51	p	bc	10.6		Ramsgate ...	—	73	57	b	b	10.6
	Carnoustie ...	1	66	54	*	*	9.6		Folkestone ...	—	67	59	bu	bu	10.1
	St. Andrews ...	1	66	53	*	*	10.8		Hythe ...	—	*	*	*	*	11.7
Eng. N.E.	Harrogate ...	—	67	50	bc.b.bc	b	11.4	England, S.W.	Littlestone ...	—	71	58	b	b	12.0
	Scarborough ...	*	70	52	c.b	c.b	10.8		Hastings ...	—	69	58	bc	bc	10.3
	Skegness ...	—	72	58	bc	bc	7.9		Bexhill-on-Sea ...	—	69	58	bc	bc	11.2
Eng. N.W.	Douglas (I. of M.) ...	—	64	58	b	b	11.2	England, S.W.	Eastbourne ...	—	69	59	b.bc.b	b	11.2
	Morecambe ...	—	64	58	b	b	11.2		Seaford ...	—	68	60	f	b	11.6
	Blackpool ...	1	65	58	cp	bc	11.0		Brighton ...	—	69	61	o	c.bc.c	11.9
	Southport ...	—	66	54	bc.b	b	12.0		Worthing ...	—	69	61	o.c	b	5.8
Midlands.	Buxton ...	6	64	49	bc	b	11.8	England, S.W.	Littlehampton ...	—	68	61	*	*	6.4
	Leamington Spa ...	2	70	55	bc	bc	8.7		Bognor ...	0.3	68	61	o	bc	5.3
	Malvern ...	2	68	54	bc	bc.b	11.0		Southsea ...	—	71	61	o.c	bc.b	11.6
	Ross-on-Wye ...	1	69	59	bc	o.bc	11.2		Ryde ...	—	70	61	bc	bc	5.0
Wales.	Rhyl ...	—	67	52	bc	bc	11.0	England, S.W.	Ventnor ...	—	72	59	o.c	bc	5.5
	Colwyn Bay ...	—	67	51	b	b	11.0		Bournemouth ...	—	70	60	c.bc	b	6.6
	Llandudno ...	—	67	58	b	b	11.2		Weymouth ...	—	66	55	bc	bc	8.0
	Bettws-y-Coed ...	—	66	54	bc	bc	7.5		Exmouth ...	6	71	55	bc	bc	7.0
England, E.	Aberystwyth ...	—	63	56	c.b	bc.c	8.5	England, S.W.	Teignmouth ...	6	70	55	b	bc	8.6
	Tenby ...	3	65	56	b.o.bc	b	9.5		Torquay ...	4	71	55	bc.b	b	8.3
	Swansea ...	2	68	62	bc.b	b	7		Paignton ...	3	67	54	b	b	10.5
	Cromer ...	—	71	61	c.bc	c.bc.c	3.6		Plymouth ...	1	68	54	o.c	c.bc	10.4
England, E.	Lowestoft ...	—	71	60	bc	bc.c	6.0	England, S.W.	Falmouth ...	2	68	56	b	b	10.8
	Felixstowe ...	—	73	61	bc	c	6.5		Penzance ...	3	66	51	b	b	11.0
	Walton-on-Naze ...	—	70	61	o.bc.b	b.bc.c	9.2		Bude ...	4	64	54	bc	bc	11.6
	Southend-on-Sea ...	—	80	60	bc	bc	10.4		Ilfracombe ...	2	68	55	b.bc.b	b.bc	9.2

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 a.m. To-Day.						
	%	%	Hr.	° F.	° F.	° F.	mm. §			
Greenwich (Royal Obsy.) ...	73	70	3.2	73	49	41	—	o	o.c	bc
City (Banhill Row) ...	*	*	1.9	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	82	68	2.8	69	50	45	—	o.bc	bc	bc
Camden Sq. (Brit. Rainfall)	76	65	2.4	71	48	43	—	o	o.c	*
Hampstead (Reservoir) ...	*	67	2.9	68	49	40	—	o.bc	b	b
Richmond Park	*	*								
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	85	73	2.5	8.47 Joules		158 Milliwatts.		55.0 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.					
Dublin to 4 p.m.	mm.‡ 2	° F. 67	F. 54	° F. 54	bcq	cqp	bc	Hr. *
Darwen to 9 p.m.	0.3	65	49	46	our.b	bc	bc	10.9
Manchester „	—	69	52	46	o.c.bc	bc	bc.c	11.3
Birmingham „	1	69	53	46	*	b	b.b.c	10.9
Oxford to 8 p.m.	*							*
S. Kensington (Museum Grounds to 6 p.m.)	—	70	61	55	o	ogdp.o	o.c.bc	*

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

11th & 12th August, 1914.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	...	4.30	11.58	7.26
Greenwich ...	...	4.32	11.58	7.24
Wick ...	...	4.42	12.5	7.28
Valencia ...	...	4.26	12.47	8.8
		4.29	12.47	8.5
		5.1	12.46	8.44
		5.21	12.46	8.42

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to above 70° in many parts of England, to 75° at Tunbridge Wells, and to 80° at Southend-on-Sea. The night was colder than of late in most places. Much bright sunshine was recorded over the Kingdom generally, but at some stations in the south-east of England the day was mostly cloudy. Slight rain measurements were recorded in various parts of the west and north-west.

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

Wednesday,

12th August, 1914.

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.	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. °F	Min. °F	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Deerness	1020.3	55	W	2	c	1025.0	+	53	-1	W	1	W	0	1	2	58	52	c	sqp	opd	3.7
	Lerwick	1016.9	54	WSW	5	bc	1023.1	?	53	-1	W	3	-	c	2	3	54	51	bcq	bcq	c	+
	Stornoway	1020.9	57	SW	4	c	1025.6	+2	55	0	SW	2	-	c	2	1	60	53	cq	c-opq	cdp	6.5
	Castlebary (Barra Isd.)	1023.0	56	SW	4	om	1025.6	+1	56	+1	-	0	-	0	1	1	58	53	0-c-op-0	0-c-op-0	om-0	2.1
	Glasgow	1026.4	58	WSW	2	o	1028.1	+1	55	+1	ENE	1	W	0	*	Trace	61	52	0-c-op-c	0-c-op-c	0-c-op-c	1.6
	Eskdalemuir	1026.7	59	WSW	3	c	1029.0	+1	53	+1	N	1	-	m	*	0.1	64	47	0-c	0-c	0	3.4
	Malin Head	1025.2	60	W	4	bc	1026.0	0	58	+3	SSW	2	SW	c	2	-	61	53	bcq	bc	cm	10.1
	Blacksod Point	?	?	SW	3	bcq	?	?	?	?	S	2	?	bcn	2	?	?	?	bcq	bc	?	*
	Valencia	1026.4	63	SSE	2	b	1023.7	-2	58	+1	E	2	-	bc	3	-	65	50	bcq	bc	bc	12.7
	Roche's Point	1027.9	61	SW	2	c	1024.8	*	56	+1	SE	1	E	bcq	2	0.2	63	49	b-bc-b	b-bc-b	b-bc-b	*
	Birr Castle	1026.2	67	W	2	c	1025.6	*	54	-1	SSE	1	-	c	*	-	69	48	c	c	bc	8.0
	Donaghadee	1025.9	65	W	2	bcq	1026.7	0	55	0	SSE	1	S	bcq	1	-	67	52	bc	bcq	bcq	*
	Liverpool (Bidston)	1027.8	63	WNW	1	b	1027.9	-1	55	-6	ESE	1	-	b	1	-	65	52	b	b	bm	12.8
	Holyhead	1028.6	62	SW	2	bq	1028.3	+1	57	-1	E	2	-	bq	1	Trace	65	56	b-c-b	bq	b-bcw	11.1
	Pembroke (St. Ann's)	1028.2	60	NW	1	b	1026.2	-2	56	-2	ENE	2	NE	b	2	-	63	53	bc	b	b	12.8
	Newquay	1026.9	62	N	3	b	1023.4	-3	64	+6	SE	3	SE	b	2	-	64	51	b	b	b	12.1
	Scilly (St. Mary's)	1026.3	62	NE	2	b	1023.4	-1	60	+4	E	4	-	bm	4	-	66	54	b	b	b	12.6
	Jersey (St. Aubin)	1026.0	69	NE	3	b	1024.0	*	66	+5	E	3	-	bm	3	-	69	60	b	b	bm	13.7
	Portland Bill	1028.0	63	W	1	b	1026.2	-2	61	+2	ENE	4	-	b	3	-	66	58	bc	b	b-bc	*
	Dungeness	1026.7	65	ENE	2	b	1026.7	0	64	+6	E	2	-	b	2	-	67	57	bc	bc	bc-bw	*
	Dover	1027.5	63	NE	2	b	1027.5	*	65	+4	NE	3	-	b	3	Trace	74	55	b	b	bw	13.7
Wick	1024.2	58	WSW	4	o	1025.6	+2	54	0	-	0	-	0	1	10	63	51	bc	bc-qqp	op-om	*	
Nairn	1022.5	60	WSW	3	cq	1026.0	*	59	+5	W	1	-	bc	2	0.2	65	54	b-bc	bcq	qu-bc	8.6	
Aberdeen	1023.1	67	W	2	bc	1027.0	+2	58	+1	-	0	W	0	2	Trace	69	54	bcq-p-c	bcq	bc-c	11.3	
Leith	1025.6	63	W	4	b	1027.7	+2	57	0	W	1	-	0	*	-	65	51	c-b-c	c-b-c	c	*	
Tynemouth	1026.0	64	WNW	3	cm	1028.8	+1	54	-3	SW	2	-	f	2	-	68	51	bc	bc	bc	*	
Spurn Head	1027.4	50	WNW	2	bc	1025.6	0	60	0	NW	1	-	bc	1	-	69	54	bc	bc	c	10.0	
Yarmouth	1028.6	65	SE	2	bc	1029.1	0	63	+7	E	2	E	bc	2	-	70	52	b	b-bc	bc	13.0	
Clacton-on-Sea	1027.1	65	ESE	3	b	1028.2	0	65	+7	ENE	2	E	bc	2	-	72	57	b-bc	bc-b	b-bc	13.8	
Nottingham	1027.3	68	WNW	2	b	1029.0	*	50	-3	SE	1	-	bm	*	-	71	45	b-bc	bc-b	bm	11.6	
Bath	1027.4	71	N	1	b	1027.7	*	56	+5	NE	1	-	b	*	-	73	48	m-b	b	cmw-b	12.9	
London (Kew Obs.)	1027.0	74	N	1	b	1028.1	0	56	+1	-	0	-	bmw	*	-	74	50	bmw-bq-b	b-b	b-bmw	13.5	
NORTHERN EUROPE.	Falmouth	1026.7	66	N	2	b	1024.6	-1	61	+5	ENE	2	-	b	2	-	67	54	*	*	*	*
	Vardö															*	*	*	*	*	*	
	Bodö															*	*	*	*	*	*	
	Christiansund															*	*	*	*	*	*	
	Skudesnaes															*	*	*	*	*	*	
	Færder (X'ania Fjord)															*	*	*	*	*	*	
	The Scaw (Skagen)															*	*	*	*	*	*	
	Blaavands Huk															*	*	*	*	*	*	
	Haparanda															*	*	*	*	*	*	
	Hernösand															*	*	*	*	*	*	
CENTRAL EUROPE.	Stockholm															*	*	*	*	*	*	
	Wishy															*	*	*	*	*	*	
	Karlstad															*	*	*	*	*	*	
	St. Petersburg															*	*	*	*	*	*	
	Berlin															*	*	*	*	*	*	
	Frankfurt															*	*	*	*	*	*	
	Munich															*	*	*	*	*	*	
	Vienna															*	*	*	*	*	*	
	Cuxhaven															*	*	*	*	*	*	
	The Helder	1028.0	64	WNW	2	b	1029.6	+1	64	+3	NE	1	-	b	0	-	68	61	*	*	*	*
FRANCE.	Brussels	*	*	*	*	*	1026.9	0	61	-5	ENE	2	-	b	*	-	77	54	*	*	*	*
	C. Gris Nez	1026.4	64	ENE	4	b	1026.7	0	61	-2	E	4	-	b	1	-	70	55	*	*	*	*
	La Hève	1026.1	64	NE	2	b	1024.4	*	64	+3	ENE	3	-	b	2	-	75	58	*	*	*	*
	Ushant	1025.1	59	NE	3	b	1021.2	*	61	+4	NE	3	-	b	3	-	61	54	*	*	*	*
	Brest (St. Mathieu)	1024.3	70	NE	3	b	1021.2	0	64	+5	E	4	-	b	2	-	77	55	*	*	*	*
	Rochefort (le d'Aix)	1021.2	83	MNE	1	b	1020.2	0	70	+2	E	2	-	bc	*	-	84	66	*	*	*	*
	Biarritz	1026.6	74	E	1	b	1019.9	0	68	+1	-	0	-	m	2	-	82	66	*	*	*	*
	Paris	1024.2	77	MNE	2	b	1024.2	0	66	+3	NE	2	-	b	*	-	82	61	*	*	*	*
	Belfort	1023.1	81	-	0	c	1024.2	*	66	*	E	5	-	m	*	-	85	62	*	*	*	*
	Lyons	1022.4	77	WNW	1	bc	1022.6	*	70	+3	NE	1	-	bc	*	-	87	64	*	*	*	*
SOUTHERN EUROPE.	Nice	1021.9	77	-	0	b	1021.0	0	76	-1	-	0	-	b	0	-	88	70	*	*	*	*
	Perpignan	1021.5	77	E	2	b	1021.3	+2	70	0	W	1	-	b	*	-	84	59	*	*	*	*
	Sanguinaire	*	76	N	3	b	*	*	74	+2	E	1	-	b	1	-	77	72	*	*	*	*
	Corunna (7 a.m.)	1019.7	70	W	2	b	1019.8	0	64	-2	SSW	1	-	f	2	?	?	61	*	*	*	*
	Madrid (8 a.m.)	1016.7	90	SE	3	b	1020.4	0	72	*	ESE	1	-	b	*	-	93	64	*	*	*	*
	Lisbon (9 a.m.)															*	*	*	*	*	*	
	Gibraltar															*	*	*	*	*	*	
	Rome															*	*	*	*	*	*	
	Azores (Horta, 8 a.m.)	1018.0	*	SW	4	bc	1014.3	+1	67	-6	-	0	-	c	2	2	77	66	*	*	*	*
	Madeira (Funchal)															*	*	*	*	*	*	

1 Millimeter = .03937 inch.  
Rainfall amounts expressed in  
Millimeters may therefore be  
converted approximately to  
Hundredths inch by multiplying  
by 4. (Error 16 per cent.)

## RAINFALL.

Equivalents of Millimeters  
in Inches.

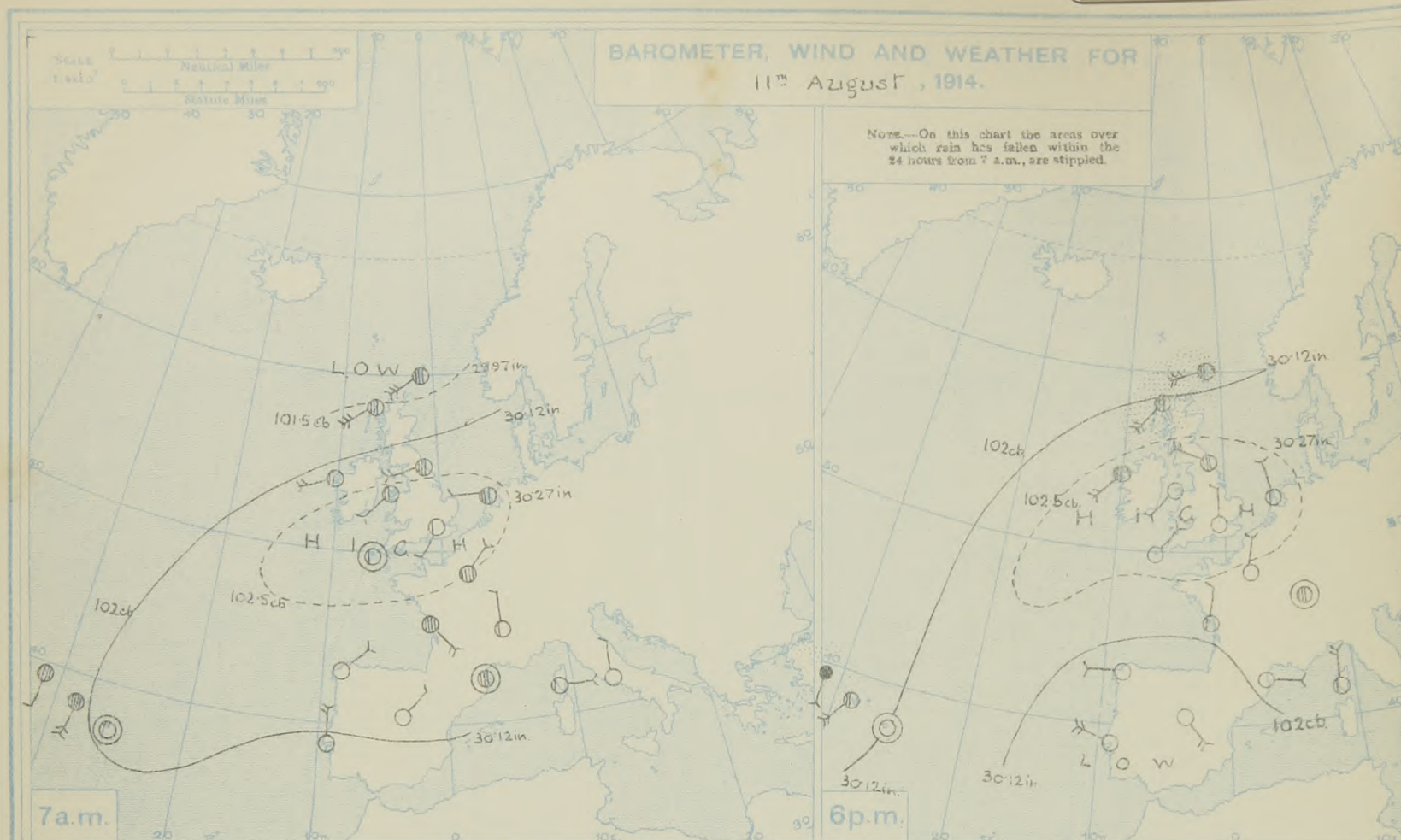
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69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

1 Millimeter = 0.03937 inch.  
Rainfall amounts expressed in  
Millimeters may therefore be  
converted approximately to  
Hundredths inch by multiplying  
by 4. (Error 1.6 per cent.)

\* Information for these columns not usually received.

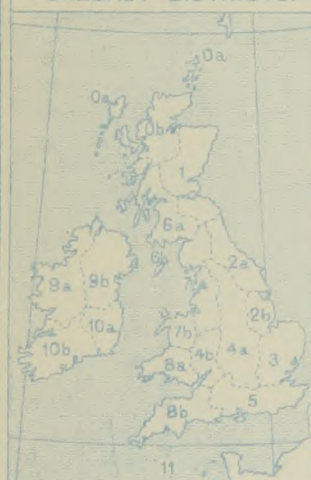
† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.



**FORECASTS FOR THE TWENTYFOUR 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.**

- |    |   |   |
|----|---|---|
| 0  | a | Light and variable or Westerly winds; fair to bright; moderate or high temperature. Mist or fog locally on coast.           |
| 1  | b |   |
| 2  | a | Light variable winds; fine; warm. Mist or fog locally on coast.   |
| 3  | b |   |
| 4  | a | Wind mainly between East and North-East, light to moderate or fresh; fair or bright generally; temperature high during day. |
| 5  | b |   |
| 6  | a | Same as No. 2.  |
| 7  | b |   |
| 8  | a | Wind mainly between East and South, light or moderate; fair or bright; warm.  |
| 9  | b |   |
| 10 | a | Wind mainly between South and East, light; fine; rather warm.   |
| 11 | b |   |

Western Channel and Bay. 11

Wind mainly between East and North-East, increasing somewhat in force; sea slight or moderate; fine generally.

**FURTHER OUTLOOK.** (All Districts)

Fair or bright weather continuing.

GENERAL INFERENCE.

LOW

23.97m

Normal Temperature of the Sea

Scale of Tints for AUGUST.

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 2 clouded. ☁ overcast sky. ☔ rain falling.

\*snow, ▲ hail, ≡ fog ≡<sup>o</sup> 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.		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).	

## 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.		
	min. §	° F.	° F.			Hr.		min. §	° F.	° F.			Hr.	
Scotland.	Oban ... ..	4	59	53	o	bc.o	4.5	Tunbridge Wells ...	—	76	47	b	by	12.2
	Banff ... ..	1	65	49	bcp	bc	10.6	Margate ... ..	—	71	?	b	b	13.3
	Stonehaven ... ..	—	71	48	bc	bc	12.2	Ramsgate ... ..	—	68	54	b	b	13.0
	Carnoustie ... ..	—	67	50	*	*	8.6	Folkestone ... ..	—	71	56	b	b	12.8
	St. Andrews ... ..	—	66	51	*	*	9.4	Hythe ... ..	—	*	*	*	*	13.0
Eng., N.E.	Harrogate ... ..	—	67	51	b.b.c.b	b	10.8	Littlestone ... ..	—	*	*	*	*	13.0
	Scarborough ... ..	—	71	55	c	bc.b	9.6	Hastings ... ..	—	71	56	b	b	13.2
	Skegness ... ..	—	71	50	b	b	11.4	Bexhill-on-Sea ... ..	—	70	52	b	b	13.7
Eng., N.W.	Douglas (I. of M.) ... ..	—	66	55	b	b	9.5	Eastbourne ... ..	—	69	56	b	b	13.0
	Morecambe ... ..	—	65	58	b	b	10.5	Seaford ... ..	—	70	54	b	b	12.9
	Blackpool ... ..	—	65	57	c	b	11.7	Brighton ... ..	—	73	55	b.b.c	bc.b	12.7
	Southport ... ..	—	66	57	c.b.c.b	b	12.0	Worthing ... ..	—	71	54	b	b	13.2
	Buxton ... ..	—	67	59	b	b	9.7	Littlehampton ... ..	—	70	52	*	*	11.8
Midlands.	Leamington Spa ... ..	—	71	49	bc	bc	12.4	Bognor ... ..	—	69	50	b	b	12.7
	Malvern ... ..	—	70	53	b	b	13.0	Southsea ... ..	—	74	52	b	b	12.5
	Ross-on-Wye ... ..	—	72	45	bc	o.b.c.o	11.2	Ryde ... ..	—	73	56	b	b	13.0
	Rhyl ... ..	—	65	50	b	b	11.8	Ventnor ... ..	—	*	*	*	*	
Wales.	Colwyn Bay ... ..	—	67	54	b	b	11.5	Bournemouth ... ..	—	73	47	b	b	12.0
	Llandudno ... ..	—	70	56	b	b	12.8	Weymouth ... ..	—	73	51	b	by	12.7
	Bettws-y-Coed ... ..	—	70	48	bc.b	b.b.c	7.3	Exmouth ... ..	—	67	50	b	b	12.1
	Aberystwyth ... ..	—	?	?	bc.b	b.b.c	10.5	Teignmouth ... ..	—	69	50	b	b	12.5
	Tenby ... ..	—	68	48	b	b	11.5	Torquay ... ..	—	68	50	b	b	12.7
	Swansea ... ..	0.3	70	64	b	b	10.5	Paignton ... ..	—	69	48	b	b	11.8
	Cromer ... ..	—	67	54	b	b	12.5	Plymouth ... ..	—	67	48	bc	bcv	11.2
England, E.	Lowestoft ... ..	—	69	52	b	b.b.c	12.0	Falmouth ... ..	—	67	49	b	b	12.0
	Felixstowe ... ..	—	78	51	bc	bcv	11.3	Penzance ... ..	—	66	51	b	b	12.3
	Walton-on-Naze ... ..	—	69	52	b	b.b.v	13.0	Bude ... ..	—	67	50	b	b	11.1
	Southend-on-Sea ... ..	—	77	52	b	b	12.2	Ilfracombe ... ..	—	64	56	b	b	12.0
	Weston-super-Mare ... ..	—	68	52	b	b	12.3							

## 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.		Forenoon.	Afternoon.	Night.
	%	%		Max.	Min.				
Greenwich (Royal Obs.) ...	44	66	Hr.	76	49	4.0	b	b	b
City (Bunhill Row) ...	*	65	12.6	*	*	*	*	*	*
Westminster (St. James's Pl.)	48	65	12.0	75	56	4.9	bc	b	bc.b
Camden Sq. (Brit. Rainfall)	44	66	10.7	76	52	4.8	b	b	*
Hampstead (Reservoir) ...	*	58	12.8	74	55	4.7	b	b	b
Richmond Park ...	*	*	12.8						
Kew. (See front page.)									
(Greenwich and Camden Square air temperatures are in Glaisher screens.)									
S. Kensington (Roof of M.O.)	60	78	13.0	20.39 Joules	38.2 Milliwatts.	71.0 Milliwatts.			

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

12th/13th Aug., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.32	11.58	7.24
Greenwich ...	4.34	11.58	7.22
Wick ...	4.42	12.5	7.28
Valencia ...	4.29	12.17	7.26
	4.31	12.17	8.5
	5.21	12.46	8.3
	5.23	12.46	8.16

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.

## 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.	-	70	54	?	bc	bc	c.b	*
Darwen to 9 p.m.	-	67	51	4.6	bcu	bc	bc	8.5
Manchester „	-	69	52	*	c	c.bc	bc.b	10.8
Birmingham „	-	70	49	4.2	*	b	c	11.6
Oxford to 8 p.m.	*							*
S. Kensington (Museum Grounds to 6 p.m.)	-	76	52	4.3	bc	bc.b	b	*

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 70° or above in most parts of Great Britain. The minima of the night were rather low, below 50° in several places. Showers occurred in the north of Scotland, but generally the weather was very bright, the sun shining continuously over a very large area.

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.

Thursday,  
13th August, 1914.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 2 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.	TEMP. Dry Bulb °F	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force						Dir.	Force					Max. °F	Min. °F	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Deerness ...	1025.9	59	WNW	1	c	1025.7	*	54	+1	E	1	-	o	1	Trace	62	52	c.od	c	c.o	1.1
	Lerwick ...	1024.7	55	WSW	4	om	1025.9	+1	55	0	-	0	NW	bc	0	Trace	55	51	c	om	bc	*
	Stornoway ...	1025.7	60	S	1	o	1024.2	-1	55	0	NE	1	-	bc	1	-	65	49	c.bcc	c.o	c.bc	4.6
	Castlebay (Barra Isd.)	1024.0	62	E	3	bc	1021.9	-1	58	+2	E	4	-	bc	4	-	63	55	o.c	c.bc	bc	8.3
	Glasgow ...	1025.0	65	SSW	1	o	1024.8	0	54	-1	E	2	-	b	*	Trace	70	51	o.c	o.c.o	c.b.c.b	5.1
	Eskdalemuir ...	1024.8	68	-	0	bc	1025.0	0	56	+3	WNW	2	-	b	*	-	70	?	om.c	b.bc	bm	9.7
	Malin Head ...	1023.0	61	E	3	b	1020.9	-2	57	-1	ESE	4	E	m	2	-	70	55	bcg	bz	cz	10.0
	Blackod Point ...	*	*	NNE	2	bw	?	?	?	?	S	3	?	bc	3	?	?	?	bcg	bcg	bc	*
	Valencia ...	1019.3	65	WNW	2	b	1015.2	-1	66	+8	-	0	-	ogz	2	-	74	58	bc	bz	om	13.2
	Roche's Point ...	1022.2	63	E	4	og	1017.6	*	63	+7	E	4	-	o	4	0.2	66	56	f.bz	b.bc.om	om.og	*
	Birr Castle ...	1021.9	72	SE	1	bc	1018.0	*	66	+12	SE	2	SE	c	*	-	74	53	bc	bc	c	12.2
	Donaghadee ...	1021.1	59	SE	2	bc	1021.7	-1	57	+2	SE	3	SE	bc	2	-	65	55	bcg	bcg	bc	*
	Liverpool (Bidston)	1024.0	71	ESE	2	b	1023.6	0	59	+4	ESE	3	-	b	2	-	74	55	b	b	bm	12.4
	Holyhead ...	1024.6	66	NE	3	b	1021.9	-1	62	+5	ENE	2	-	bc	1	Trace	73	57	bz	bm	b.bc	12.6
	Pembroke (St. Ann's)	1022.0	69	E	3	bc	1019.8	?	63	+7	E	3	-	bc	2	-	70	55	b	b	bc	9.7
	Newquay ...	1019.5	69	SE	5	b	1017.0	-2	69	+5	SE	5	SE	b	3	-	74	63	b	b	b	13.0
	Scilly (St. Mary's)	1019.0	62	ESE	5	bm	1017.4	+1	61	+1	ESE	4	SE	om	4	-	66	59	bm	bm	bm.bc	12.7
	Jersey (St. Aubin)	1021.1	74	NE	3	bm	1019.9	*	73	+7	E	2	-	bm	1	-	78	66	bm	bm	bm	10.3
	Portland Bill ...	1023.1	64	E	4	b	1021.5	0	64	+3	ENE	4	-	b	4	-	67	60	b	b	b.bc	*
	Dungeness ...	1023.7	66	NE	3	b	1022.7	0	64	0	NE	2	-	b	2	-	69	61	b	b	bo	*
	Dover ...	1024.7	63	NNE	4	b	1023.5	*	66	+1	E	2	-	b	2	-	70	62	b	b	b	13.5
	Wick ...	1026.1	56	ESE	2	o	1025.4	0	55	+1	ENE	1	-	bc	1	-	59	51	om.c	c.omp	om.bc	*
	Nairn ...	1025.1	68	-	0	bc	1025.1	*	55	-4	-	0	-	om	1	-	71	49	b.bc	c.mw	c.mw	10.9
	Aberdeen ...	1026.1	60	ESE	2	c	1026.0	0	52	-6	-	0	-	b	2	-	67	46	bc.b	bc.c	c.b.c.b	6.3
	Leith ...	1025.1	67	ESE	1	bc	1024.8	+1	54	-3	NE	1	-	og	*	-	70	48	o.c.o.c	c.b.c.b	b	11.9
	Tynemouth ...	1026.8	61	SE	2	bc	1026.6	+1	57	+3	S	2	-	b	1	-	66	53	bc	bc	bc	12.0
	Spurn Head ...	1026.9	62	SE	4	b	1026.5	0	61	+1	SE	2	-	bw	1	Trace	69	59	c.b	b	b	12.0
	Yarmouth ...	1026.9	64	E	2	b	1025.6	0	65	+2	E	2	-	b	1	-	68	59	bc.b	b	b	13.1
	Clacton-on-Sea ...	1025.6	66	ENE	4	bz	1023.8	0	65	0	ENE	3	-	bz	2	-	68	63	bc.bz	bc	bz	13.6
	Nottingham ...	1024.9	72	ESE	2	b	1024.8	*	57	+7	E	2	-	bm	*	-	77	50	b	b	b	12.2
	Bath ...	1023.3	76	E	1	b	1022.7	*	59	+3	E	3	-	b	*	-	78	54	b	b	bm	13.2
	London (Kew Obs.)	1024.6	71	E	4	bz	1023.5	0	61	+5	E	3	E	om	*	-	75	55	bw.bz	bz	bz.b.omp	12.5
NORTHERN EUROPE.	Falmouth ...	1021.0	65	E	2	b	1019.1	0	63	+2	E	2	-	b	4	-	68	60	*	*	*	*
	Vardö ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Bodö ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Christiansund ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Skudesnaes ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Færder (X'ania Fjord)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	The Scaw (Skagen)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Blaavands Huk ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Haparanda ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Hernösand ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
CENTRAL EUROPE.	Stockholm ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Wisby ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Karlstad ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	St. Petersburg ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Berlin ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Frankfurt ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
FRANCE.	Munich ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Vienna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Cuxhaven ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	The Helder ...	1026.9	68	NE	4	b	1025.9	0	64	0	ENE	3	-	b	1	-	70	61	*	*	*	*
	Brussels ...	*	*	*	*	*	1022.7	0	61	0	ENE	1	-	b	*	-	79	54	*	*	*	*
	C. Gris Nez ...	1023.5	68	ENE	4	b	1022.3	0	62	+1	?E	4	*	b	2	-	70	57	*	*	*	*
	La Hève ...	1022.6	75	NE	2	m	1021.2	*	70	+6	E	2	*	m	1	-	84	64	*	*	*	*
	Ushant ...	1017.9	71	NE	1	b	1017.9	*	65	+4	S	1	*	b	2	-	73	61	*	*	*	*
	Brest (St. Mathieu)	?	74	WNW	1	b	1017.1?	0	66	+2	ESE	1	*	b	0	-	88	64	*	*	*	*
	Rochefort (Ile d'Aix)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SOUTHERN EUROPE.	Biarritz ...	1016.9	82	SW	2	b	1017.5	0	69	+1	WNW	1	*	o	2	-	84	66	*	*	*	*
	Paris † ...	1020.8	81	NE	2	b	1020.8	0	68	+2	NNE	1	-	b	*	-	86	64	*	*	*	*
	Belfort ...	1020.7	77	ENE	4	m	1021.9	*	63	-3	E	3	*	f	*	-	84	62	*	*	*	*
	Lyons ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Nice ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Perpignan ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Sanguinaire ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Corunna (7 a.m.) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SOUTHERN EUROPE.	Madrid (8 a.m.) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Lisbon (9 a.m.) ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Gibraltar ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	Rome ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SOUTHERN EUROPE.	Azores (Horta, 8 a.m.)	1013.7	*	W	4	bc	1014.9	+1	68	+1	WNW	3	-	b	2	-	79	64	*	*	*	*
	Madeira (Funchal)	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97

1 Millimeter = .03937 inch.  
Rainfall amounts expressed in Millimeters may therefore be converted approximately to Hundredths Inch by multiplying by 4. (Error 1.6 per cent.)

## RAINFALL.

Equivalents of Millimeters in Inches.

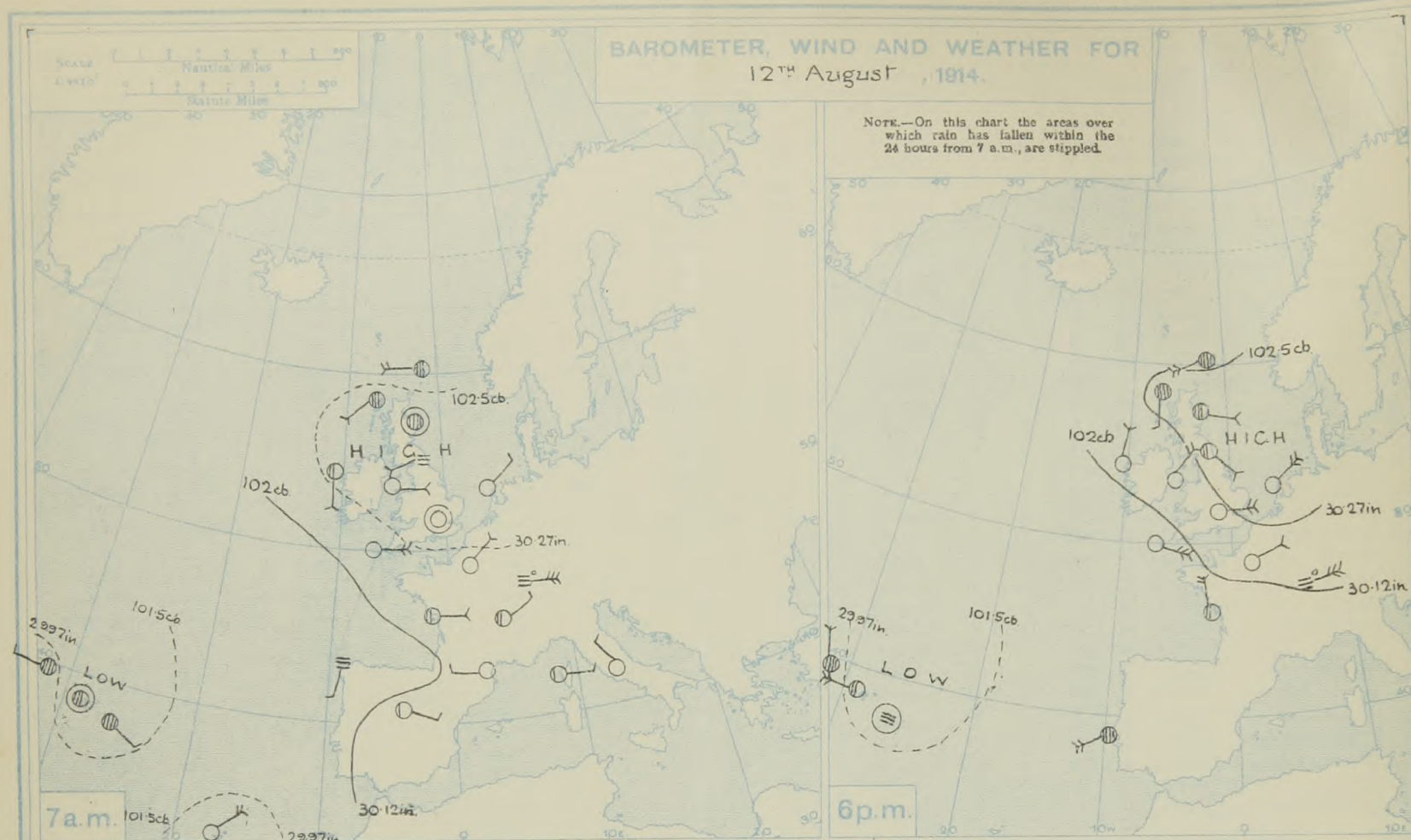
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69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

1 Millimeter = 0.03937 inch.  
Rainfall amounts expressed in Millimeters may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 1 1/2 per cent.)

\* Information for these columns not usually received.

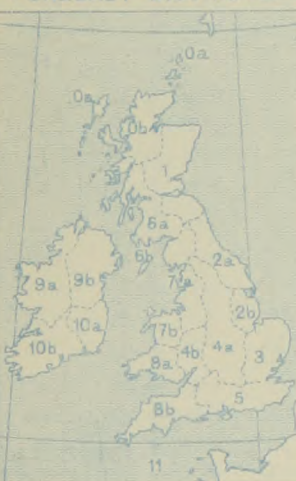
† Received too late for insertion in Charts.

‡ The barometric change is expressed in half millibars.



**FORECASTS FOR THE TWENTY-FOUR 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.**

- |    |        |   |
|----|--------|---|
| 0  | a<br>b | Wind mainly between East and South-East, light to moderate;<br>fine, generally bright; rather warm.                                       |
| 1  | a<br>b |   |
| 2  | a<br>b |   |
| 3  | a<br>b | Wind mainly Easterly, light to moderate, fresh at times<br>locally; fine and bright generally; temperature rather high<br>during daytime. |
| 4  | a<br>b |   |
| 5  | a<br>b |   |
| 6  | a<br>b | Same as Nos. 0 to 2a.   |
| 7  | a<br>b | Easterly or South-Easterly winds, light to moderate or fresh<br>fine; warm.   |
| 8  | a<br>b |   |
| 9  | a<br>b | Southerly and South-Easterly winds, light or moderate;<br>fine; warm.   |
| 10 | a<br>b |   |

Western Channel and Bay. 11

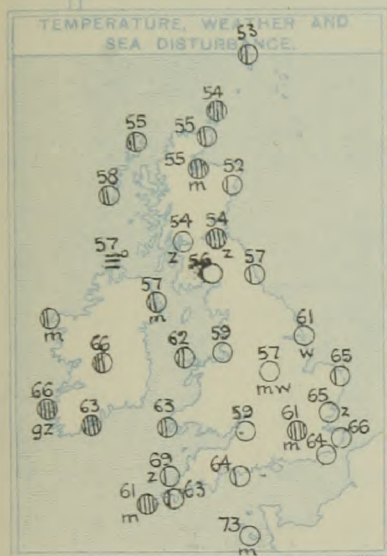
Wind mainly Easterly, light to fresh; sea slight to moderate;  
local mist, otherwise fine.

**FURTHER OUTLOOK.**

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

## GENERAL INFERENCE.

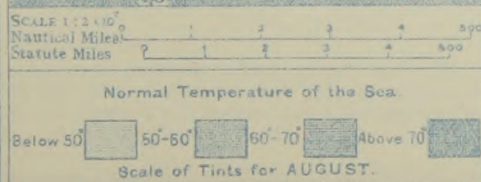
The anticyclone centred over the North Sea region will maintain its position with little modification for the present.



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 1/2 clouded. ⊖ overcast sky. ● rain falling.  
✱ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
⚡ thunderstorm.

**SEA DISTURBANCE.**—Rough ~~~. Highs ~~~.

## DAILY WEATHER REPORT.

Thursday, 13th August, 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.	
	°	'			mb.	±		(0-12).			°	'			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.	
	mm. & f.	° F.	° F.			Hr.		mm. & f.	° F.	° F.			Hr.
Scotland.							Tunbridge Wells ...						
Banff ...	-	65	55	e. bc	b. bc	5.9	Margate ...	-	77	52	b	bz	12.3
Stonehaven ...	-	67	52	bz	bcz	8.0	Ramsgate ...	-	73	?	b	b	12.8
Carnoustie ...	-	71	51	*	*	9.1	Folkestone ...	-	66	59	b	b	13.0
St. Andrews ...	-	69	51	*	*	7.9	Hythe ...	-	70	60	b	b	12.8
Engl. N.E.							Littlestone ...	-	*	*	*	*	12.8
Harrogate ...	-	71	45	b	b	11.6	Hastings ...	-	75	56	b	b	12.8
Scarborough ...	-	66	53	c. b	c. b	11.9	Bexhill-on-Sea ...	-	73	56	b	b	13.0
Skegness ...	-	68	52	b	b	12.2	Eastbourne ...	-	73	53	b	b	12.4
Engl. N.W.							Seaford ...	-	78	53	b	b	12.8
Douglas (I. of M.) ...	-	70	51	b	b	12.5	Brighton ...	-	81	56	b	b	12.8
Morecambe ...	-	70	50	b	bz	12.3	Worthing ...	-	75	54	b	b	13.0
Blackpool ...	-	73	47	m. b	b	12.5	Littlehampton ...	-	72	53	b	b	12.6
Southport ...	-	75	46	b	b	11.5	Bognor ...	-	68	55	b	b	12.9
Midlands.							Southsea ...	-	75	56	b	b	13.0
Buxton ...	-	71	41	bc	b	11.9	Ryde ...	-	73	60	b	b	13.0
Leamington Spa ...	-	77	50	b	b	12.4	Ventnor ...	-	*	*	*	*	
Malvern ...	-	76	53	b	b	13.0	Bournemouth ...	-	74	49	b	b	13.0
Ross-on-Wye ...	-	75	44	w. f. bc	bz	12.0	Weymouth ...	-	72	56	b. b	bz	12.7
Wales.							Exmouth ...	-	68	51	b	bz	12.5
Rhyl ...	-	75	46	b	b	13.0	Teignmouth ...	-	68	55	b	b	12.8
Colwyn Bay ...	-	77	49	b	b	13.0	Torquay ...	-	69	57	b	b	12.7
Llandudno ...	-	78	52	b	b	12.0	Paignton ...	-	*	*	*	*	
Bettws-y-Coed ...	-	78	45	b	b	11.8	Plymouth ...	-	72	55	b	b	12.3
Aberystwyth ...	-	77	51	c. b	b. bc	12.7	Falmouth ...	-	68	54	b. o. c. b	b	7.7
Tenby ...	-	72	47	b	b	12.4	Penzance ...	-	70	65	bc	c	10.5
Swansea ...	-	75	67	b	b	11.8	Bude ...	-	77	48	b	b	13.0
England, E.							Ifracombe ...	-	75	55	b	b	12.2
Cromer ...	-	67	55	b	b	12.1	Weston-super-Mare ...	-	78	50	b	b	12.3
Lowestoft ...	-	67	56	b	b	12.5							
Felixstowe ...	-	73	53	bc m	bc	12.8							
Walton-on-Naze ...	-	66	62	bc. b	bz. b	12.7							
Southend-on-Sea ...	-	73	54	b	b	13.0							

## 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.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obs.) ...	48	71	13.2	75	55	4.9	b	b	b. bc
City (Bunhill Row) ...	*	*	12.4	*	*	*	*	*	*
Westminster (St. James's Pk.)	74	75	12.7	75	54	5.4	b	b	b. m
Camden Sq. (Brit. Rainfall)	40	72	10.7	80	55	5.0	b	b	*
Hampstead (Reservoir) ...	*	67	13.5	73	56	5.2	b	b	b
Richmond Park ...	*	*	11.9						
Kew. (See front page.)									
(Greenwich and Camden Square air temperatures are in Glaisher screens.)									
S. Kensington (Roof of M.O.)	60	61	13.0						
				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.					
				Total.	Average Rate.	Max. Rate.			
				20.91 Joules	3.93 Milliwatts.	72.0 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	RAIN-FALL.	TEMPERATURE.		WEATHER.		Sun-shine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	
Dublin to 4 p.m.	-	69	52	50	b	bc
Darwen to 9 p.m.	-	73	47	42	bcw	bc
Manchester "	-	75	53	40	c. b	b
Birmingham "	-	75	53	40	c. b	b
Oxford to 8 p.m.	*	77	50	44	b	b
S. Kensington (Museum Grounds to 6 p.m.)	-	75	55	44	b. bw	b

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

13th. 14th. Aug. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.34	G.M.T. 11.58	G.M.T. 7.22
Greenwich ...	4.36	11.58	7.20
Wick ...	4.44	12.5	7.26
Valencia ...	4.21	12.17	8.3
	4.24	12.17	8.0
	5.23	12.45	8.10
	6.25	12.45	8.8

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to above 75° in many parts of England, and the minima of the night were high on our south and south-east coasts. Bright sunshine was very prevalent; over a large portion of the Kingdom the sky was practically cloudless.

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,  
14th August, 1914.

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. Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb °F.	Change in 24 hours.	WIND.		Dir. of Upper Cloud.	Weather.	Sea (0-9).	Rain- fall. Milli- metres.	TEMP.		WEATHER.				
				Dir.	Force 0-12.						Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Deerness	1024.0	55	E	2	bc	1024.0	*	55	+1	E	3	-	o	2	Trace	59	53	g.c	bc	bc.c.o	8.4	
	Lerwick	1026.2	54	E	2	bc	1024.0	-2	52	-1	E	3	E	bc	1	Trace	58	49	bc	bc	bc	*	
	Stornoway	1020.7	65	ENE	2	bz	1018.4	0	59	+4	E	1	-	cy	1	-	68	55	bc.b.	bz	cy	9.0	
	Castlebay (Barra Isd.)	1018.2	68	E	4	cm	1016.2	0	64	+6	E	4	E	bc.m	4	-	69	58	bc	bc.m	c.b.m	8.6	
	Glasgow	1026.8	69	ENE	3	cy	1026.1	-1	56	+2	NE	2	W	bcz	*	-	71	52	bz	c.o.bcz	c.o.cm	8.7	
	Eskdalemuir	1020.9	71	ESE	1	c	1019.6	-1	61	+5	N	1	-	bc.m	*	-	75	52	b.bz	bcz	cm.b.m	9.3	
	Malin Head	1016.4	62	E	4	m	1015.4	0	62	+5	SE	3	-	m	1	-	70	57	bcz	bz	bz	5.9	
	Blacksod Point	*	*	SSW	4	*	*	*	*	*	E	2	*	bu	2	*	*	*	*	bz	bc	bc	*
	Valencia	1013.5	66	SSE	3	c	1010.5	-7	65	-1	E	4	-	op	3	5	71	59	cy	cy	b.or	3.5	
	Roche's Point	1017.0	62	SE	1	f	1014.1	*	61	-2	SE	1	-	f	2	0.4	64	59	m.f	f	fe	*	
	Birr Castle	1014.8	75	SE	5	bc	1013.8	*	65	-1	SSE	1	-	c	*	-	78	63	c.b.c	bc	bc.c	7.3	
	Donaghadee	1018.2	62	SE	3	bz	1017.1	0	58	+1	SE	1	SE	bcz	1	-	64	57	bcz	bcz	bcz	*	
	Liverpool (Bidston)	1019.4	75	ESE	3	b	1017.9	-2	61	+2	ESE	3	SE	bc	3	-	77	59	b	b	bm	12.9	
	Holyhead	1018.9	81	E	1	bz	1017.6	-1	64	+2	E	2	-	bz	1	-	84	62	b.bcz	bc.c.bz	b.b.c	12.0	
	Pembroke (St. Ann's)	1017.5	68	E	3	bc	1014.6	-3	65	+2	E	6	-	bz	5	-	73	63	bc	bm	bc.m	11.0	
Newquay	1015.3	74	SE	6	b	1012.5	-1	68	-1	SE	5	-	b	3	-	77	65	b	b	b	12.1		
NORTH EUROPE.	Scilly (St. Mary's)	1016.0	64	ESE	4	m	1013.3	+2	60	-1	SW	1	-	om	3	-	68	59	fe.b	f	f.om	7.0	
	Jersey (St. Aubin)	1017.8	79	ENE	4	bm	1015.1	*	70	-3	E	2	-	bm	2	-	84	67	bm	bm	bm	12.3	
	Portland Bill	1018.9	64	E	4	b	1016.5	-1	64	0	E	5	-	b	4	-	67	60	bc	b.b.c	b.b.c	*	
	Dungeness	1020.4	65	NE	3	b	1018.2	-1	64	0	NE	4	NE	bc	4	-	72	62	b	b	bc	*	
	Dover	1021.2	65	NE	4	b	1019.5	*	66	0	NE	3	-	b	2	-	72	65	b	b	b	13.0	
	Wick	1023.6	56	SE	3	m	1020.2	-2	55	0	SSE	3	-	b	4	-	59	54	bc.m	bc.m	bm	*	
	Nairn	1021.3	61	E	1	bc	1020.1	*	55	0	-	0	-	th	1	-	63	51	f	f.b.c	f.c	4.4	
	Aberdeen	1023.7	59	SE	2	c	1020.7	-1	57	+5	SSE	2	W	bc	2	-	66	51	g.b.	b.b.c	c.b.c	9.6	
	Leith	1024.7	60	NW	1	c	1019.9	-2	57	+3	E	1	-	cy	*	-	64	52	a.c.b.c	b.b.c	bc	*	
	Tynemouth	1022.9	61	SE	4	bc	1021.8	0	58	+1	S	2	S	bc.m	3	-	64	54	bc	bc	bc	*	
	Spurn Head	1021.5	62	ESE	4	b	1022.2	*	63	+2	SE	4	-	bw	4	Trace	66	58	bc	bc	bc	12.5	
	Yarmouth	1023.6	65	E	3	b	1021.6	-2	64	-1	E	4	E	bc	2	-	69	58	b	b	b.b.c	13.5	
	Clacton-on-Sea	1022.1	67	ENE	4	bz	1020.5	0	65	0	ENE	4	E	bc	3	-	69	63	bz	bz	bz.b.c	12.3	
	Nottingham	1021.4	73	E	2	b	1020.6	*	59	+2	E	2	E	o	*	-	80	50	bc	b	b	12.1	
	Bath	1019.6	80	E	1	b	1017.9	*	61	+2	E	3	-	b	*	-	82	56	b	b	b.b.c.m	12.0	
London (Kew Obsy.)	1021.3	72	E	4	bz	1019.3	0	63	+2	E	4	E	bcz	*	-	79	60	om.b.cz	bz	bz.bcz	11.2		
CENTRAL EUROPE.	Falmouth	1017.1	67	NE	2	b	1014.3	+1	63	0	ESE	2	*	b	4	-	70	61	*	*	*	*	
	Vardö															*							
	Bodö															*							
	Christiansund															*							
	Skudesnaes															*							
	Færder (X'ania Fjord)															*							
	The Scaw (Skagen)															*							
	Blaavands Huk															*							
	Haparanda															*							
	Hernösand															*							
	Stockholm															*							
	Wisby															*							
	Karlstad															*							
	St. Petersburg															*							
	FRANCE.	Berlin															*						
Frankfurt																*							
Munich																*							
Vienna																*							
Cuxhaven																*							
The Helder		1023.8	66	NE	4	b	1021.9	-2	64	0	E	1	-	bc	1	-	68	61					
Brussels		*	*	*	*	*	1019.4	0	61	0	ENE	1	-	b	*	-	81	54					
C. Gris Nez		1019.9	66	NE	4	b	1019.1	-1	61	-1	ENE	4	*	m	2	-	70	59					
La Hève		1019.9	76	NE	1	b	1017.2	*	69	-1	ENE	3	*	m	2	-	86	59					
Ushant																*							
Brest (St. Mathieu)		1015.9	72	SW	1	m	1013.3	+2	63	-3	SE	2	*	m	2	-	77	63					
Rochefort (Ile d'Aix)		1015.0	75	NW	2	b	1013.6	+1	72	*	SSE	3	*	b	*	-	75	68					
Biarritz		1014.6	75	NE	2	b	1013.7	-1	69	0	-	0	*	m	2	-	79	68					
Paris		1017.6	81	NNE	2	b	1016.8	0	68	0	NE	1	-	b	*	-	88	63					
Belfort																*							
Lyons	1016.2	78	NW	2	c	1016.2	*	70	*	ESE	1	*	b	*	-	86	65						
Nice	1015.7	78	-	0	b	1014.3	0	75	*	WNW	1	*	b	*	-	90	70						
Perpignan	1016.3	77	E	1	b	1015.8	+2	66	*	-	0	NE	f	*	-	84	55						
Sanguinaire	*	*				*	*	75	*	N	2	*	b	2	-	79	73						
SOUTHERN EUROPE.	Corunna (7 a.m.)															*							
	Madrid (8 a.m.)	1013.0	90	SSE	1	b	1017.1	+2	73	*	-	0	-	bc	*	-	93	63					
	Lisbon (9 a.m.)															*							
	Gibraltar	1018.3	72	E	3	bc	1017.6	*	70	*	E	2	-	bc	1	-	80	69					
	Rome															*							
Azores (Horta, 8 a.m.)	*	*													*								
Madeira (Funchal)															*								

### RAINFALL.

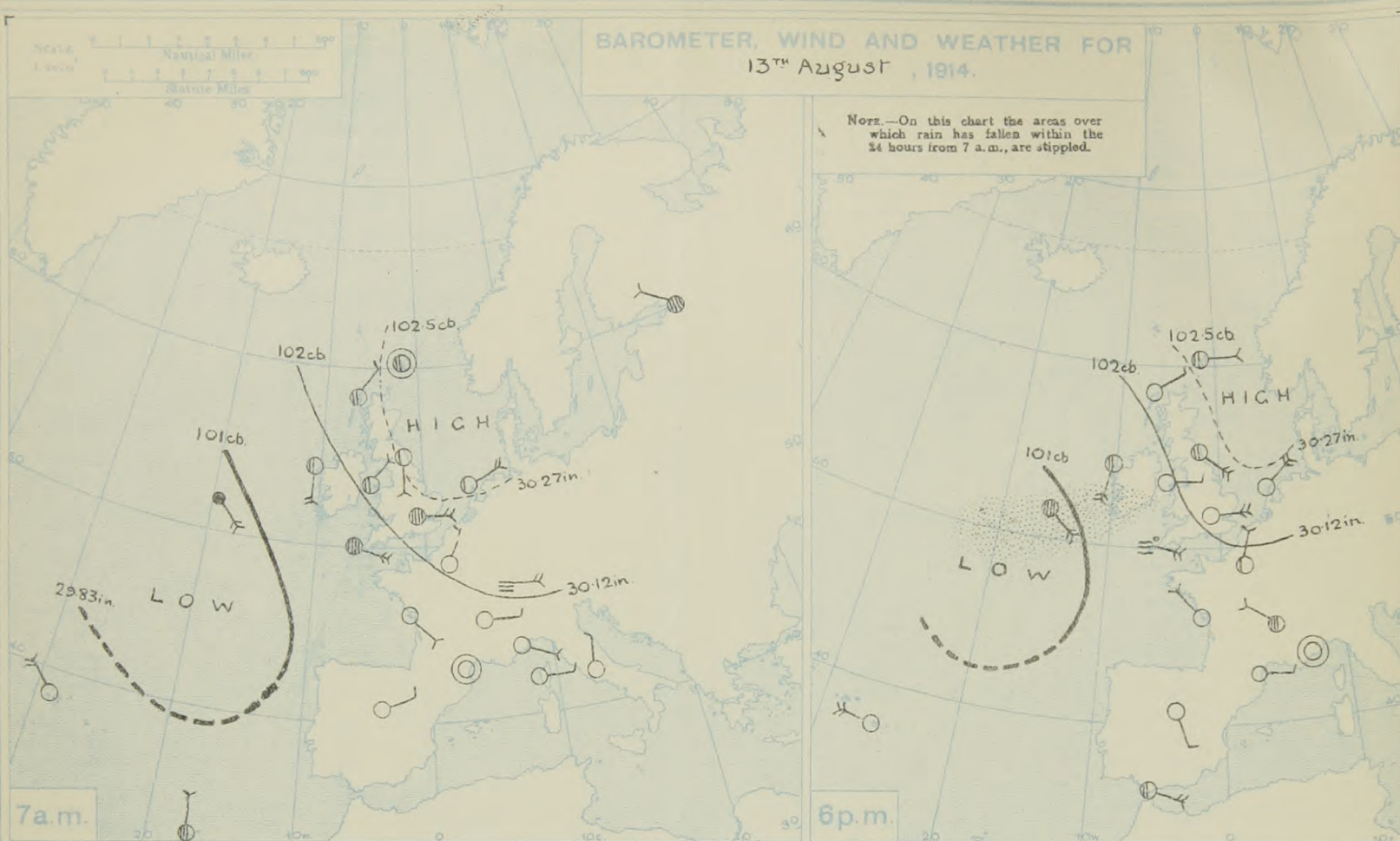
Equivalents of Millimeters in Inches.

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	46	1.81

## RAINFALL.

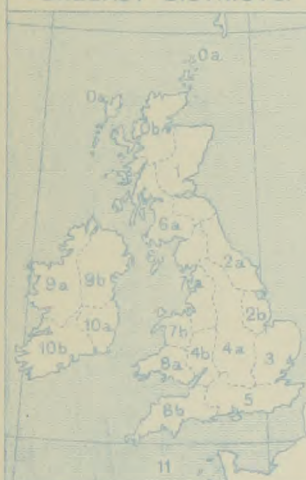
Equivalents of Millimeters  
in Inches.

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</



**FORECASTS FOR THE TWENTY-FOUR 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 Coast.	South Coast.
North Coast.	North Coast.

**NO WARNINGS  
ISSUED.**

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

0 } Wind mainly between South-East and South, light or moderate;  
1 } mostly fair or bright, local thunder showers; rather warm.

2 } Wind mainly Easterly, moderate or fresh, strong at times  
3 } locally; fine generally; no great change of temperature.

4 } Wind between South-East and East; light or moderate;  
5 } fair or fine generally; warm.

6 } Wind between East and South-East, increasing in force; fine  
7 } to cloudy or overcast; temperature above the normal.

8 } South-Easterly and Easterly winds, increasing in force;  
9 } fair to dull, some rain locally; moderately warm.

10 } Easterly and South-Easterly winds, increasing in force; sea  
11 } moderate to rather rough; fine to dull, some rain locally.

Millibars  
1050

1040

1030

1020

1010

1000

990

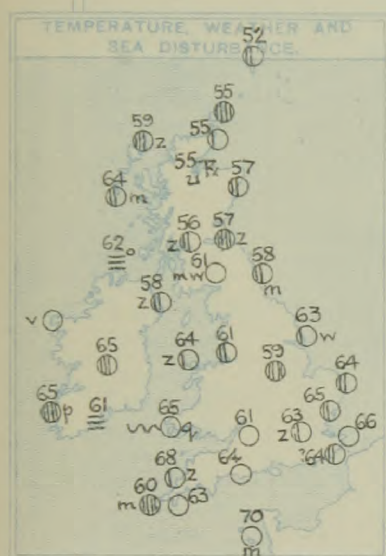
980

970

# SYNOPTIC CHART FOR 7 a.m., Friday, 14<sup>TH</sup> AUGUST, 1914.

## GENERAL INFERENCE.

The depression on the Atlantic off the south-west of Ireland will cause less fine weather over our south-western districts as it extends eastward, but the United Kingdom generally will continue under the influence of the North Sea anticyclonic system



## EXPLANATION.

**BAROMETER.**—Isobars are drawn for intervals of five millibars.  
**WIND.**—Direction is shown by arrows flying with the wind. Force, on the scale 0-12, is indicated by the number of feathers. Calm is indicated by a circle.  
**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.  
**WEATHER.**—Shown by the following symbols:—  
 ○ clear sky. ○ sky & clouded. ○ sky & clouded.  
 ○ sky & clouded. ○ overcast sky. ○ rain falling.  
 ✕ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
 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.	
13th Gpm	51	15	St Paul	H	1008.1	+1	ESE	4-5	0						mb.	†		(0-12).	
" 7am	51	19	do.	H	1005.7	0	SE	4-5	r						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.		mm.†	° F.	° F.			Hr.	Tunbridge Wells ...		mm.†	° F.	° F.			Hr.
Banff ...		-	70	50	bc	b	10.5	Margate ...		-	81	56	b	bc	12.0
Stonehaven ...		-	64	46	b	b	10.8	Ramsgate ...		-	68	61	b	b	12.4
Carnoustie ...		-	66	50	bc	bc	10.8	Folkestone ...		-	68	60	b	b	12.6
St. Andrews ...		-	61	45	*	*	9.1	Hythe ...		-	75	63	b	b	12.5
Harrogate ...		-	74	46	b	bc	11.3	Littlestone ...		-	*	*	*	*	12.0
Scarborough ...		-	65	55	c	bc	11.1	Hastings ...		-	78	60	b	b	12.6
Skegness ...		-	67	59	bc	bc	12.5	Bexhill-on-Sea ...		-	76	60	b	b	13.0
Douglas (I. of M.) ...		-	72	58	bc	bc	8.0	Eastbourne ...		-	73	57	b	b	12.3
Morecambe ...		-	80	58	b	b	11.2	Seaford ...		-	81	59	b	b	12.3
Blackpool ...		-	78	55	c	bc	11.0	Brighton ...		-	86	61	b	b	12.5
Southport ...		-	78	46	b	bc	10.7	Worthing ...		-	78	60	b	b	12.1
Buxton ...		-	75	48	bc	b	9.1	Littlehampton ...		-	76	58	b	b	12.8
Leamington Spa ...		-	81	53	b	b	9.8	Bognor ...		-	76	60	b	b	12.0
Malvern ...		-	80	53	b	b	12.5	Southsea ...		-	79	60	b	b	12.2
Ross-on-Wye ...		-	79	50	bc	bc	11.9	Ryde ...		-	78	63	b	b	12.0
Rhyl ...		-	80	54	b	b	12.5	Ventnor ...		-	76	56	b	b	12.5
Colwyn Bay ...		-	83	56	b	b	13.0	Bournemouth ...		-	76	56	b	b	12.5
Llandudno ...		-	85	59	b	b	12.0	Weymouth ...		-	75	62	bc	bc	7.5
Bettws-y-Coed ...		-	82	53	b	b	11.5	Exmouth ...		-	68	57	b	b	11.5
Aberystwyth ...		-	83	62	c	b	12.7	Teignmouth ...		-	70	63	b	b	10.5
Tenby ...		-	75	62	b	b	11.5	Torquay ...		-	72	61	b	b	12.1
Swansea ...		-	79	62	b	b	11.6	Paignton ...		-	71	62	b	b	11.5
Cromer ...		-	67	52	b	bc	12.2	Plymouth ...		-	77	64	b	b	12.2
Lowestoft ...		-	69	63	bc	bc	12.7	Falmouth ...		-	70	60	b	b	11.3
Felixstowe ...		-	68	63	bc	bc	12.6	Penzance ...		-	72	62	b	b	12.0
Walton-on-Naze ...		-	75	57	b	b	11.8	Bude ...		-	84	62	bc	bc	8.5
Southend-on-Sea ...		-	75	57	b	b	11.8	Ilfracombe ...		-	82	62	b	b	11.5
		-	75	57	b	b	11.8	Weston-super-Mare ...		-	84	55	b	b	10.5

## 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.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
	%	%	Hr.	° F.	° F.	° F.	mm. §			
Greenwich (Royal Obs.) ...	47	73	10.9	79	57	51	—	b	b	b. bc
City (Dunhill Row) ...	*	*	9.9	*	*	*	*	b	b	*
Westminster (St. James's Pk.)	48	78	10.6	78	62	56	—	b	b	b
Camden Sq. (Brit. Rainfall)	42	75	10.2	83	58	53	—	b	b	*
Hampstead (Reservoir) ...	*	76	10.6	77	58	54	—	b	bc	b
Richmond Park ...	*	*	10.8							
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	64	70	10.8	1903 Joules		36.0 Milliwatts.		67.0 Milliwatts.		

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

14th & 15th Aug, 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.36	11.58	7.20
Greenwich ...	4.37	11.57	7.18
Wick ...	4.46	12.5	7.24
Valencia ...	4.47	12.4	7.22
	4.54	12.7	7.28
	4.34	12.6	7.2
	5.25	12.46	8.8
	5.26	12.45	8.6

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.

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm.†	° F.	F.	° F.				Hr.
Dublin to 4 p.m.								*
Darwen to 9 p.m.	-	76	54	48	bcw	bc	bc	11.1
Manchester "	-	80	56	*	b	b	b.bc	12.8
Birmingham "	-	78	54	47	*	o. b	b	10.0
Oxford to 8 p.m.	*							*
S. Kensington (Museum Grounds to 6 p.m.)	-	78	60	54	b	bc	b	*

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 80° or above in many parts of England, and the minimum readings of the night were mostly high. Bright sunshine was again very abundant over the Kingdom generally, and except on the south-west coast of Ireland there was no rain.

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,  
15th August, 1914.

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. Milli- bars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb. °F.	Change in 24 hours.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
				Direc.	Force						Direc.	Force					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Deerness	1020.7	54	E	3	bc	1021.0	*	52	-3	E	1	-	o	1	*	58	50	om.c.	bc.	c.o	5.7		
	Lerwick	1022.7	53	E	3	bc	1021.7	0	52	0	E	3	-	o	3	Trace	54	51	bc	bc	c	*		
	Stornoway	1016.5	65	E	2	b	1017.5	+1	58	-1	E	3	-	b	3	4	73	54	cpt.bz	bz	b	8.9		
	Castlebay (Barra Isd.)	1015.8	69	E	3	bc	1014.4	0	64	0	-	0	-	bm	1	-	73	60	bc.bm	bc	bc.bm	11.5		
	Glasgow	1015.8	72	NE	2	bc	1017.5	+2	57	+1	NE	4	-	b	*	-	76	53	b.bcz	bc.bcz	bcz.cb	8.4		
	Eskdalemuir	1015.7	74	-	0	bc	1016.5	+1	55	-6	N	3	-	o	*	-	80	54	bm	bc.	bcz	11.4		
	Malin Head	1015.0	70	ESE	1	m	1014.9	0	59	-3	ESE	2	-	m	1	-	71	58	cmz.cl	bcz	bc	5.9		
	Blacksod Point	?	?	-	0	thl.	*	*	*	*	W	1	*	*	1	*	*	*	bcz.thl	bcz	ompl	*		
	Valencia	1011.5	67	-	0	c	1013.9	0	59	-6	NW	2	-	om	3	2	67	58	cp	c	c.o	1.9		
	Roche's Point	1012.9	62	SE	2	o	1013.0	*	60	-1	N	2	-	o	2	3	63	57	f.thl	fp.o	fl.om	*		
	Birr Castle	1013.4	66	SE	1	r	1012.9	*	61	-4	E	1	-	r	*	31	70	60	capt	cort	bc.or	1.0		
	Donaghadee	1011.9	64	NE	2	b	1013.9	+1	56	-2	NE	3	NE	bc	3	-	68	56	bcf	bcf	bc	*		
	Liverpool (Bidston)	1014.4	74	ESE	3	b	1013.4	0	59	-2	ESE	2	SE	bc	2	-	78	59	bc	b	bc	10.9		
	Holyhead	1014.6	69	NNW	3	bc	1013.7	0	61	-3	WNW	3	-	bm	2	-	86	60	bc.bz	b.bcz	bm.bcz	9.7		
	Pembroke (St. Ann's)	1012.4	67	M	2	c	1012.4	?	61	-4	ENE	2	-	cutlp	1	7	73	60	bcz	bcz	bcz	7.2		
	Newquay	1012.4	65	S	2	ou	1012.0	0	60	-8	WNW	1	-	o	2	1	73	58	bc	ogm	op	1.9		
	Scilly (St. Mary's)	1012.5	61	SW	1	cm	1013.1	+1	59	-1	WNW	4	W	c	3	1	64	58	fc.	cm	cm	0.6		
	Jersey (St. Aubin)	1011.4	79	E	2	o	1013.4	*	62	-8	W	4	*	o	*	*	*	*	*	*	*	*	*	
	Portland Bill	1012.0	65	ENE	5	bc	1011.9	+1	61	-3	WSW	1	-	og	3	26	67	60	b	b.bcz	bcz	*		
	Dungeness	1015.0	64	NE	5	b	1011.7	-4	62	-2	ENE	4	NE	c	4	-	70	60	bz	bz	bc	*		
	Dover	1016.3	64	NE	4	b	1012.7	*	62	-4	NE	3	NE	c	2	-	72	59	b	b	b.bcz	12.9		
	Wick	1020.1	55	ENE	3	m	1020.9	0	52	-3	ENE	3	-	o	3	-	58	52	bm.om	om	om	*		
	Nairn	1018.4	59	NE	2	cf	1018.7	*	57	+2	ENE	3	-	ogf	3	0.4	64	54	bc.o	bc.o	cf	6.2		
	Aberdeen	1018.9	59	SE	2	o	1020.1	+1	54	-3	E	2	-	o	2	0.2	65	54	cp.bc.	bc.c.o.	o	4.6		
	Leith	1017.3	61	E	1	c	1018.2	+3	57	0	E	2	E	o	*	-	69	55	p.c.bc	b.bcz	c	*		
	Tynemouth	1016.8	62	SE	3	bc	1017.0	+1	59	+1	ESE	2	SE	c	3	-	64	57	bc	bc	bc	*		
	Spurn Head	1017.6	62	SE	4	b	1016.1	-1	61	-2	SE	4	SE	cw	4	Trace	66	58	bc	b	b	11.8		
	Yarmouth	1018.1	64	E	3	bc	1014.0	-1	62	-2	E	4	-	c	2	-	69	58	bc	bc	bc.c	12.7		
	Clacton-on-Sea	1017.0	65	ENE	4	b	1013.5	-1	64	-1	ENE	4	E	bc	3	-	67	76.2	bc.b.	b	b.bcz	10.0		
	Nottingham	1015.6	74	E	2	b	1014.7	*	59	0	E	2	E	o	*	-	80	54	a.c.b	b	b	9.2		
	Bath	1013.5	81	SSE	1	b	1012.8	*	59	-2	E	2	E	o	*	4	83	59	m.b.	b	botlr	12.4		
	London (Kew Obsy.)	1015.4	71	E	4	bz	1013.3	0	63	0	E	3	-	om	*	-	78	59	bcz.bz	bz	bz.bom	10.6		
Falmouth	1012.1	63	WSW	2	o	1012.8	+1	61	-2	WNW	1	W	c	3	-	68	58	*	*	*	*			
NORTHERN EUROPE.	Vardö															*								
	Bodö															*								
	Christiansund															*								
	Skudesnaes															*								
	Færder (X'ania Fjord)															*								
	The Scaw (Skagen)															*								
	Blaavands Huk															*								
	Haparanda															*								
	Hernösand															*								
	Stockholm															*								
CENTRAL EUROPE.	Wisby															*								
	Karlstad															*								
	St. Petersburg															*								
	Berlin															*								
	Frankfurt															*								
	Munich															*								
	Vienna															*								
	Cuxhaven															*								
	The Helder	1018.1	64	NNE	3	bc	1016.0	+2	63	-1	NNE	3	NW	c	1	-	68	61						
	Brussels	*	*	*	*	*	1013.5	0	57	-4	NE	2	-	o	*	-	79	54						
FRANCE.	C. Gris Nez	1015.4	66	NE	4	b	1011.7	-2	58	-3	NE	4	*	o	3	-	73	57						
	La Hève	1012.7	81	E	3	b	1011.7	*	64	-5	WNW	2	*	o	2	8	82	61						
	Ushant	1012.8	62	WSW	3	r	1013.9	*	59	*	W	2	*	c	3	-	64	55						
	Brest (St. Mathieu)	?	63	SW	2	m	?	0	63	0	NW	3	*	o	2	-	75	59						
	Roche fort (Ile d'Aix)	1012.7	69	WNW	4	o	1016.4	+2	66	-6	WSW	4	*	c	*	-	88	66						
	Biarritz	1017.3	70	WNW	4	o	1017.7	0	68	-1	NW	3	*	o	2	-	81	66						
	Paris	1013.3	79	NE	2	b	1010.9	+1	63	-5	ENE	2	-	clr	*	2	86	63						
	Belfort	1014.1	73	E	3	m	1012.8	*	68	*	NE	2	*	m	*	-	84	61						
	Lyons	1012.8	82	SE	1	b	1013.0	*	72	+2	-	0	*	bc	*	-	87	64						
	Nice															*								
SOUTHERN EUROPE.	Perpignan	1013.2	79	ENE	1	b	1014.6	0	72	+6	NW	3	SW	bc	*	-	84	63						
	Sanguinaire	*	77	M	3	b	*	*	75	0	E	2	*	b	2	-	77	73						
	Corunna (7 a.m.)																							
	Madrid (8 a.m.)	1011.8	91	W	2	bc	1015.7	+1	68	-5	S	1	-	b	*	-	93	61						
	Lisbon (9 a.m.)																							
	Gibraltar																							
	Rome																							
	Azores (Horta, 8 a.m.)	*																						
	Madeira (Funchal)																							

### 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	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97

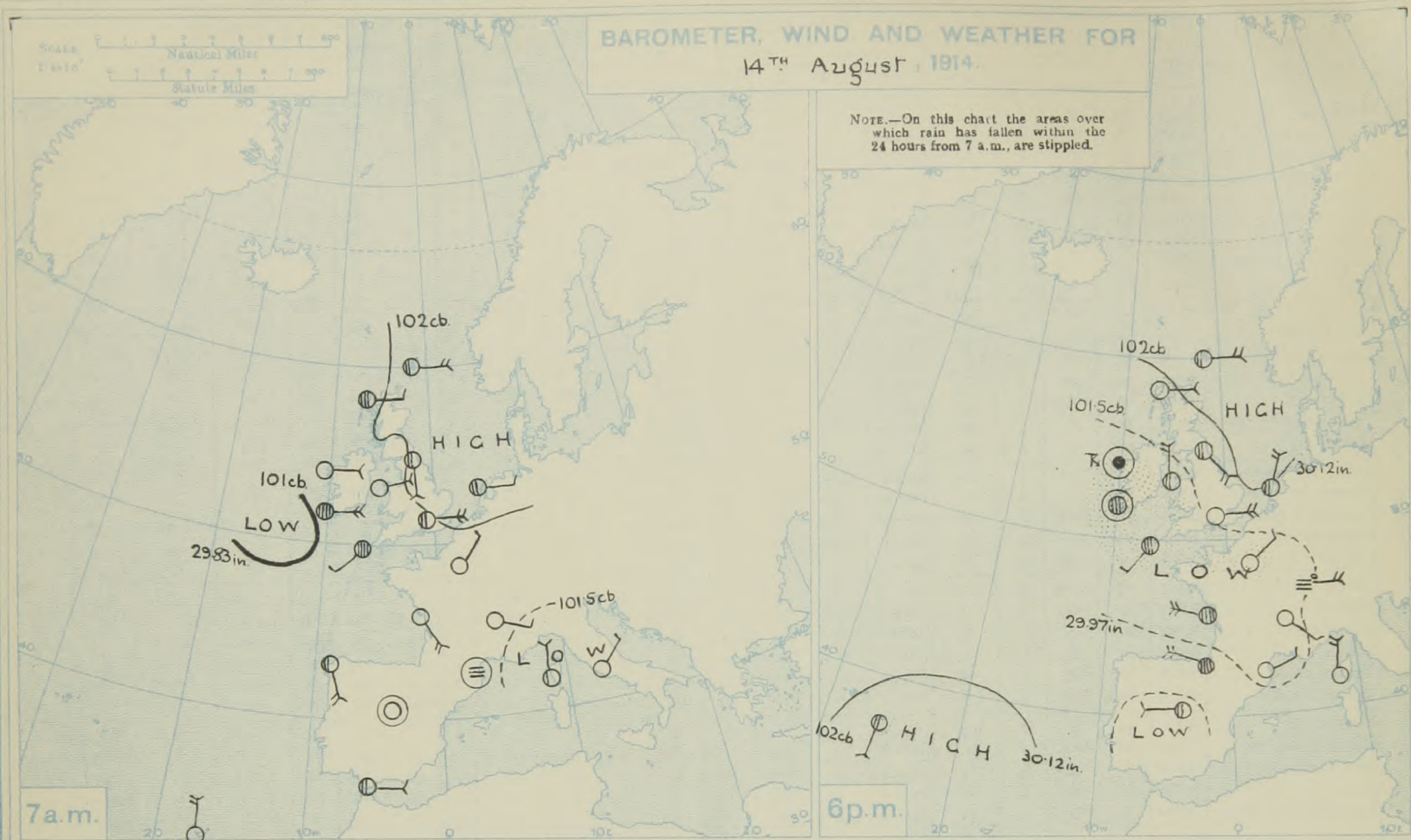
1 Millimeter = 0.03937 inch.  
Rainfall amounts expressed in Millimeters may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 1.6 per cent.)

## RAINFALL.

Equivalents of Millimeters in Inches.

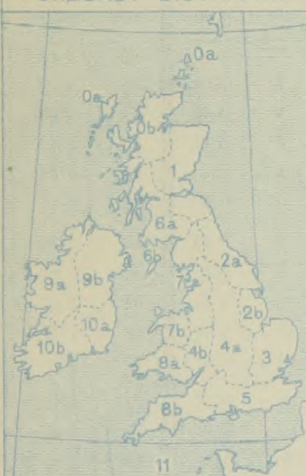
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69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

1 Millimeter = 0.03937 inch.  
Rainfall amounts expressed in Millimeters may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 1.6 per cent.)



**FORECASTS FOR THE TWENTY-FOUR HOURS NOON SATURDAY TO NOON SUNDAY.**

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

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

**NO WARNINGS  
ISSUED.**

Western Channel and Bay. 11

**FURTHER OUTLOOK.**

- |    |   |   |
|----|---|---|
| 0  | a | } Wind mainly Easterly, light or moderate; much cloud, some rain, thunderstorms locally, mist or fog in places; moderate or rather low temperature. |
| 1  | b |   |
| 2  | a | } Wind Easterly, light or moderate, then light variable, finally from some Westerly point; much cloud, some rain, thunder locally; cooler.          |
| 3  | b |   |
| 4  | a | } Wind becoming light and variable, then Westerly light or moderate; much cloud, some rain, thunderstorms locally; cooler than of late.             |
| 5  | b |   |
| 6  | a | } Easterly winds, light or moderate; changeable, some rain, fair intervals; moderate temperature.   |
| 7  | b |   |
| 8  | a | } Wind light and variable, to North-Westerly; cloudy or dull, generally, some rain, thunderstorms locally; moderate temperature.                    |
| 9  | b |   |
| 10 | a | } Westerly or North-Westerly winds, light or moderate; mostly cloudy or overcast, some rain and thunder; cooler.                                    |
| 11 | b |   |
| 12 | a | } Wind light and variable, then between West and North; changeable, some rain, thunder locally; cooler than of late.                                |
| 13 | b |   |
| 14 | a | } North-Westerly or Westerly winds, light or moderate; sea slight; changeable, some rain, fairer later.   |
| 15 | b |   |

Millibars  
1050—31

1040—

1030—

1020—

1010—

1000—

990—

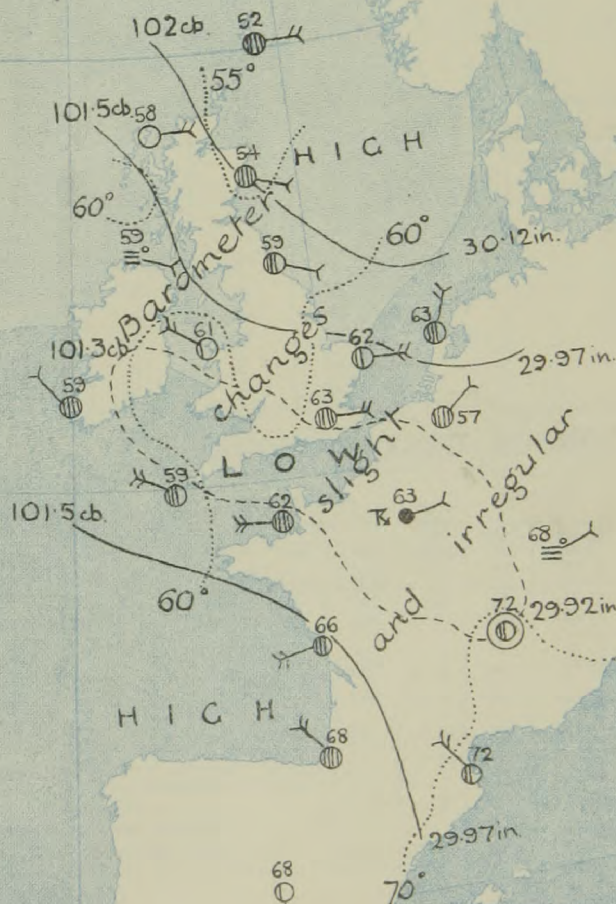
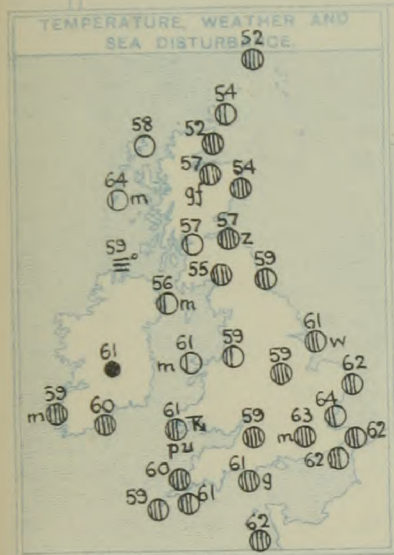
980—

970—

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

## GENERAL INFERENCE.

The barometrical changes in progress are slight and rather indefinite, but they seem to indicate that the shallow depression over the Channel and the south-western districts of these islands will move slowly in a northerly or north-easterly direction.



## EXPLANATION.

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

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

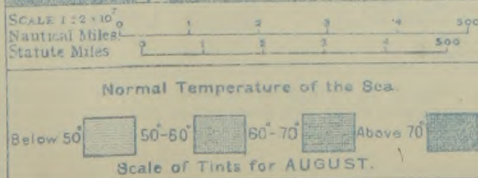
**TEMPERATURE.**—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

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

○ clear sky. ○ sky & 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.		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.	Direc.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Direc.	Force.	
	"	"			mb.	†		(0-12).			"	"			mb.	†		(0-12).	

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

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.	
Scotland.		° F.	° F.			
Oban ...	-	82	60	kl. bc	bc	8.5
Banff ...	-	71	55	bcy	b	7.9
Stonehaven ...	-	64	53	bcy	bc	8.6
Carnoustie ...	-	66	54	*	*	9.7
St. Andrews ...	-	60	55	*	*	8.4
Engl. N.E.						
Harrogate ...	-	76	55	o.c. bc	b	8.1
Scarborough ...	*	64	56	bc	bc	9.7
Skegness ...	-	68	59	b	b	12.2
Engl. N.W.						
Douglas (I. of M.) ...	-	73	59	bcy	bcy	10.0
Morecambe ...	-	82	58	b	b	12.0
Blackpool ...	-	80	56	c	b	11.7
Southport ...	-	80	57	b	b	12.0
Midlands.						
Buxton ...	-	74	51	b	b	8.6
Leamington Spa ...	-	81	55	b	b	8.9
Malvern ...	-	81	55	bcy	b. bc	8.0
Ross-on-Wye ...	-	79	53	bcy	bcy b	12.5
Wales.						
Rhyl ...	-	81	62	bc	b	11.0
Colwyn Bay ...	-	82	64	b	b	9.6
Llandudno ...	-	85	66	b	b	11.0
Bettws-y-Coed ...	-	82	60	b	b	9.5
Aberystwyth ...	-	82	68	c. b	b. bc	11.0
Tenby ...	-	72	64	b	bc. o	8.0
Swansea ...	-	79	70	b	b. bc	8.6
England, E.						
Cromer ...	-	67	58	b	b	12.4
Lowestoft ...	-	66	61	bc. b	b	11.5
Felixstowe ...	-	68	62	bc	bc	12.4
Walton-on-Naze ...	-	66	63	b	b	12.6
Southend-on-Sea ...	-	73	62	b	b	12.0
England, S.E.						
Tunbridge Wells ...	-	81	58	b	b	11.2
Margate ...	-	68	61	b	b	12.1
Ramsgate ...	-	66	61	b	b	12.3
Folkestone ...	-	73	63	b	b	12.4
Hythe ...	-	*	*	*	*	12.0
Littlestone ...	-	*	*	*	*	12.6
Hastings ...	-	77	61	b	b	12.5
Bexhill-on-Sea ...	-	74	62	b	b	12.5
Eastbourne ...	-	73	59	b	b	12.2
Seaford ...	-	80	59	b	b	11.9
Brighton ...	-	84	63	bc. b	b	12.5
Worthing ...	-	76	62	b	b	12.0
Littlehampton ...	-	77	58	b	b	12.4
Bognor ...	-	75	60	b	b	12.3
Southsea ...	-	79	62	b	b	12.3
Ryde ...	-	74	64	b	b	12.5
Ventnor ...	-	*	*	*	*	12.5
Bournemouth ...	-	78	59	b	b	11.0
Weymouth ...	-	75	61	b	bcy	9.2
Exmouth ...	-	73	62	b	b	9.2
Teignmouth ...	-	72	63	b	b. bc. o	7.5
Torquay ...	-	71	63	b	bc. com	8.3
Paignton ...	-	70	63	bc. b	bc. ct	7.4
Plymouth ...	5	74	64	bcy	bcy	6.1
Falmouth ...	-	68	61	bc	o	2.3
Penzance ...	-	68	62	og	fr	0.5
Bude ...	-	84	62	bc	bc. o	6.5
Ilfracombe ...	-	82	64	b	bc	8.5
Weston-super-Mare ...	-	83	60	b	b. bc. b	10.3

## 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.
Greenwich (Royal Obs.) ...	43	83	7.1	79	58	51	b	b	bc. o
City (Eunhill Row) ...	*	*	*	*	*	*	*	*	*
Westminster (St. James's Pk.) ...	51	44	10.6	78	61	58	b	b	b. o
Camden Sq. (Brit. Rainfall)	43	79	10.4	83	59	56	b	b	*
Hampstead (Reservoir) ...	*	82	10.8	77	56	54	b	b	b. o
Richmond Park ...	*	*	10.9						
Kew. (See front page.)									
(Greenwich and Camden Square air temperatures are in Glaisher screens.)									
S. Kensington (Roof of M.O.)	47	79	10.7	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.			Total.	Average Rate.	Max. Rate.
							1921 Joules	36.5 Milliwatts.	72.0 Milliwatts.

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

15th, 16th, Aug., 1914.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.37	11.57	7.18
Greenwich ...	4.38	11.57	7.16
Wick ...	4.47	12.44	7.22
Valencia ...	4.48	12.44	7.20
	4.56	12.16	7.58
	4.58	12.16	7.55
	5.26	12.45	8.4
	5.27	12.45	8.4

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	mm. §	° F.	° F.			
Darwen to 9 p.m.	-	76	65	bcn	bc	11.3
Manchester "	-	79	56	bcw	bc	12.9
Birmingham "	-	82	58	bc. b	b	8.8
Oxford to 8 p.m.	*	79	55	o	o. c. b	*
		81	53	bc. o	bc. b	*
S. Kensington (Museum Grounds to 6 p.m.)	-	78	62	58	b	b

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to about 85° in some parts of North Wales, and to above 80° at several stations in southern England, while the thermometer touched 80° at Eskdalemuir. Thunderstorms occurred at some of our south-western and western stations, with 26 millimetres (1.02 in.) of rain at Portland and 31 millimetres (1.22 in.) at Birr Castle. Much bright sunshine was recorded in Great Britain.

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.

Sunday,  
16th August, 1914.

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.	WIND			Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea (0-9).	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
			Temp. °F.	Direc.	Force (0-12).		Milli- bars at M. S. L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours.	Direc.	Force (0-12).					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Deerness	10213	54	NE	2	o	10227	*	53	+1	E	1	-	o	1	-	57	51	o	o	o	0.2
	Lerwick	10227	54	NE	4	o	10233	0	53	+1	NE	3	-	om	3	-	55	52	c	c	c	*
	Stornoway	10192	60	ENE	4	b	10213	+2	54	-4	ESE	3	-	b	3	0.2	65	58	b	b	b	13.7
	Castlebay (Barra Isd.)	10166	67	SSW	2	bcm	10200	+2	57	-7	SE	4	-	om	4	-	69	56	bm	bcm	bcm	11.2
	Glasgow	10194	58	NE	5	bc	10216	0	50	-7	NE	1	-	b	*	-	63	47	bc-cb	b-bc	bc-cb	10.8
	Eskdalemuir	10190	55	NE	4	b	10210	0	52	-3	NE	4	-	b	*	-	64	40	o-c	c-o	op-o.	6.7
	Malin Head	10161	62	E	4	3 of	10188	+2	55	-4	ESE	3	E	bc	2	-	64	54	bm	bz	bz	10.3
	Blacksod Point	*	*	NNE	2	3 of	*	*	*	*	SE	1	*	of	1	*	*	*	bcz	bz of	of	*
	Valencia	10159	60	WNW	4	bcm	10169	0	58	-1	-	0	-	om	3	-	63	57	c	cm	om	1.6
	Roche's Point	10145	69	N	1	b	10173	*	61	+1	NE	1	-	o	1	1	69	59	ompg	m.b.	cbogm	*
	Birt Castle	10138	72	NE	1	m	10176	*	56	-5	E	1	-	f	*	-	76	55	c	bz	cf	7.2
	Donaghadee	10162	65	SE	1	m	10195	+2	55	-1	SE	4	SE	cg	3	-	66	53	bct	bz	bzcg	*
	Liverpool (Ridston)	10151	66	ESE	2	bc	10188	+2	56	-3	E	2	-	b	2	-	69	52	bc	bc	bm	5.4
	Holyhead	10142	68	S	4	cmg	10181	+2	58	-3	E	5	-	bz	4	-	71	56	bc-cm	c-cg, cm	bc-bm	6.5
	Pembroke (St. Ann's)	10136	62	E	1	c	10180	+3	56	-5	E	2	NE	bc	2	20	66	56	cm, ght	om	cm	0.0
Newquay	10127	63	W	1	cz	10156	+2	60	0	NW	1	-	b	2	1	65	56	bz-bc	bc-c	ot-c.	5.9	
NORTH EUROPE.	Scilly (St. Mary's)	10134	60	WNW	2	o	10153	+2	60	+1	-	0	N	cp	2	1	65	57	cp	o	om c	2.5
	Jersey (St. Aubin)	10135	65	W	3	bc	10130	*	60	-2	N	3	*	†	*	*	*	*	*	*	*	*
	Portland Bill	10127	62	E	3	op	10141	+1	56	-5	NE	4	-	bc	3	3	63	56	cr	cr	cr-bc	*
	Dungeness	10127	62	ENE	5	cp	10114	-1	64	+2	NE	4	NE	bc	3	trace	65	60	bc-o	o-bcp	c-o-c.	*
	Dover	10131	61	NE	4	o	10122	*	64	+4	NNE	5	-	b	4	trace	66	58	c-bc-o	o	o-bc.	0.5
	Wick	10211	55	ENE	3	o	10221	+1	54	+2	ENE	2	-	o	2	-	57	52	om	om	om	*
	Nairn	10201	56	ENE	4	bef	10219	*	52	-5	SE	1	-	eg	2	-	61	41	q of	q. bc.	bc	4.3
	Aberdeen	10210	57	ENE	1	c	10220	+1	55	+1	NW	1	W	bc	2	-	60	50	q of	c-bc	cob-bc	1.1
	Leith	10210	56	ENE	3	o	10214	+2	54	-3	E	2	SE	c	2	-	61	51	q-o.	o	o	*
	Tynemouth	10192	58	ENE	3	c	10210	0	57	-2	NW	1	SE	bc	2	-	63	50	bc	bc	bc	5.1
	Spurn Head	10164	60	NE	3	b	10178	0	62	+1	NE	3	-	bw	4	trace	66	55	bc	bc	bc	9.6
	Yarmouth	10154	62	ENE	4	bc	10186	+1	65	+3	NE	4	NE	bc	3	-	66	57	c-o	o-bc	bc	3.5
	Clacton-on-Sea	10141	62	NE	3	o	10137	0	65	+1	NNE	4	NE	b	3	1	66	55	bc-o.	op-o.	op-bc	0.3
	Nottingham	10156	62	E	2	b	10180	*	55	-4	NE	3	NE	c	*	trace	70	53	op.c.	c-b.	bc	3.9
	Bath	10142	62	E	1	r	10166	*	56	-3	NE	3	NE	o	*	12	65	53	of	r	o	0.0
London (Kew Obsy.)	10145	62	ENE	2	omv	10144	+1	60	-3	NE	4	NE	bc	*	0.3	67	55	om	om	om-bc	0.0	
CENTRAL EUROPE.	Falmouth	10129	64	NNW	2	c	10160	+2	58	-3	NE	1	*	c	3	trace	71	56	*	*	*	*
																*	*	*	*	*	*	
																*	*	*	*	*	*	
																*	*	*	*	*	*	
																*	*	*	*	*	*	
	Vardö															*						
	Bodö															*						
	Christiansund															*						
	Skudesnaes															*						
	Færder (Kjama Fjord)															*						
	The Scaw (Skagen)															*						
	Blaavands Huk															*						
	Haparanda															*						
	Hernösand															*						
	Stockholm															*						
FRANCE.	Wishy															*						
	Karlstad															*						
	St Petersburg															*						
	Berlin															*						
	Frankfurt															*						
	Munich															*						
	Vienna															*						
	Cuxhaven															*						
	The Helder						10164	+2	63	0	NE	3	-	b	1	-	68	61				
	Brussels					*	10122	+2	57	0	E	3	-	o	*	1	66	55				
	C. Gris Nez	10128	61	ENE	5	o	10111	-1	63	+5	ENE	5	*	c	4	-	66	58				
	La Hève	10120	61	WNW	4	r	10109	*	59	-5	NNE	4	*	r	4	34	66	57				
	Ushant															*						
	Brest (St. Mathieu)	10146	70	W	2	bc	10140	+1	61	-2	NNE	2	*	c	2	-	75	59				
	Roche fort (Ile d'Aix)	10151	64	WSW	4	o	10123	0	63	-3	WNW	2	*	o	*	trace	72	61				
Biarritz	10171	66	NNW	2	c	10127	+2	60	-8	-	0	*	r	2	6	73	59					
SOUTH EUROPE.	Paris	10107	64	W	3	b	10104	0	61	-2	SSE	2	-	o	*	5	73	57				
	Belfort	10135	61	-	0	r	10133	*	59	-9	-	0	*	m	*	14	74	54				
	Lyons	10143	64	-	0	bc	10120	*	61	-11	-	0	*	o	*	1	79	57				
	Nice	10096	70	-	0	c	10113	+2	68	-2	-	0	*	b	*	trace	82	64				
	Perpignan	10136	75	NW	3	o	10115	+1	61	-11	-	0	SE	thr	*	21	81	61				
	Sanguinaire	*					*	*	*	*	*	*	*	*	*	*	*	*				
	Corunna (7 a.m.)	10195	68	WNW	3	o	10189	+3	61	+4	S	1	-	r	3	5	70	59				
	Madrid (8 a.m.)	10093	86	W	1	b	10123	+4	68	0	NW	3	-	b	*	-	88	63				
	Lisbon (9 a.m.)	10160	70	NNW	6	b	10172	0	68	0	NNE	4	-	o	5	-	75	66				
	Malta															*						
	Lamezia	10137	68	-	0	b	10133	0	68	0	-	0	*	b	*	-	88	66				
	Lajes (Horta, 8 a.m.)	*					10127	*	*	*	SW	1	*	m	1	*	*	*				
	Madeira (Funchal)	10203	73	NE	3	bc	10198	0	68	+2	NE	3	-	b	3	-	75	68				

### 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	46	1.81
22	0.87	47	

## RAINFALL.

Equivalents of Millimeters  
in Inches.

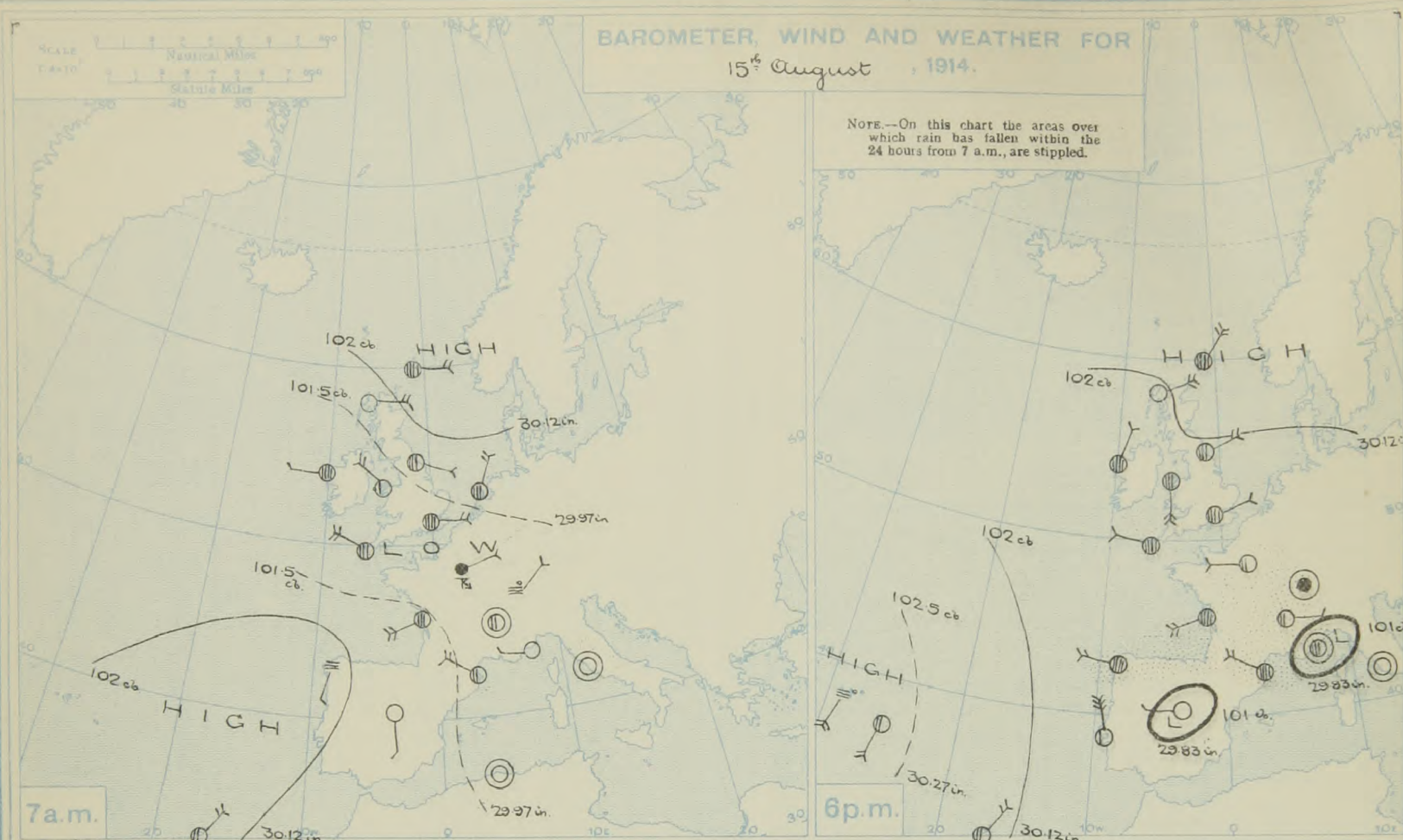
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69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

1 Millimeter = 0.03937 inch.  
Rainfall amounts expressed in  
Millimeters may therefore be  
converted approximately to  
Hundredths inch by multiplying  
by 4. (Error 1.6 per cent.)

\* Information for these columns not usually received.

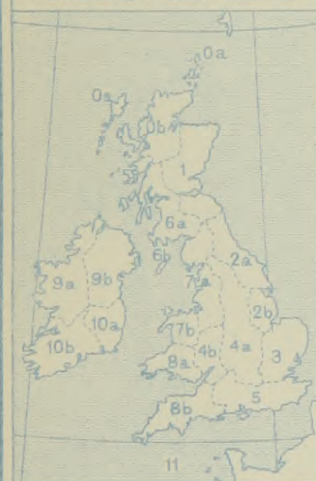
† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.



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		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.
Date & Hour.		10h.	18h.	11h.	7h.30m.	12h.	7h.	12h.	15h.	13h.	10h.	13h.	11h.	14h.	11h.
Heights in Kilometres.	6														
	5	+15	+9							+1	+3				
	4	+16	+11							0	-3				
	3	+15	+9			+6	+2	+11	+8	+2	0			+1	+2
	2	+12	+8	+7	0	+2	+3	+4	+5	-1	-1	0	+3	+2	+5
	1	+3	-2	+1	-3	-7	+1	+1	+4	-4	+2	-4	+3	-4	+3
	0.5	+3	-2	-1	-2	-10	+2	+2	+2	-5	+2	-4	+3	-2	+3
	0	+2	-1	+1	-1	-3	-2	0	+1	-1	-1	-3	+2	0	+1
Station		S. Farnborough													
Date & Hour.		15h.	15h.												
Heights in Kilometres.	6	+5	+1												
	5	+2	+1												
	4	-4	+2												
	3	-5	+2												
	2	-2	+2												
	1	-5	+3												
	0.5	-7	+2												
	0	-2	0												

Millibars  
1050-31

1040

1030

1020

1010

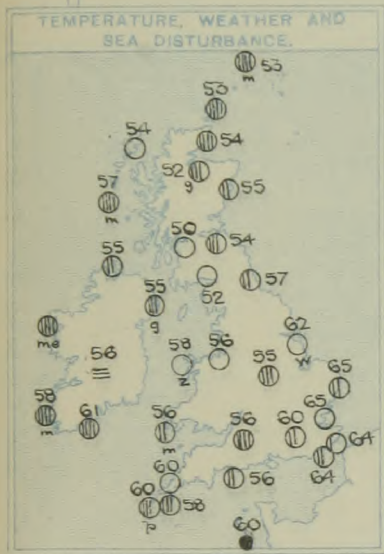
1000

990

980

970

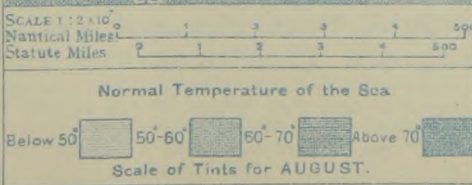
# SYNOPTIC CHART FOR 7 a.m., Sunday, 16<sup>th</sup> AUGUST, 1914.



ches.  
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 ~~~~~

## 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).	

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

STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.	
Scotland.						
Oban ...						
Banff ...		58	53	o.c.b.c	b.b.c	7.0
Stonehaven ...						
Carnoustie ...		57	54	*	*	0.0
St. Andrews ...						
England, N.E.						
Harrogate ...		72	54	o.c.b.c	b.b.c	5.1
Scarborough ...						
Skegness ...		66	56	b.	b.c.b	7.5
England, N.W.						
Douglas (I. of M.) ...						
Morecambe ...		73	58	b.	b.b.c	10.1
Blackpool ...						
Southport ...		70	56	b.c	o.b.c.o.c	8.4
Midlands.						
Buxton ...	1		51	b.c	b.c	2.1
Leamington Spa ...	0.3	67	56	o	b.c	1.0
Malvern ...	4	64	57	3.0	o.r.o	0.0
Ross-on-Wye ...	3	68	62	o.r	r	0.0
Wales.						
Rhyl ...		70	58	b.c	b.c	5.7
Colwyn Bay ...						
Llandudno ...						
Bettws-y-Coed ...						
Aberystwyth ...		71	63	o	c.m	0.2
Tenby ...	13	71	55	r	r	0.0
Swansea ...	5	67	63	r	r	0.0
England, E.						
Cromer ...	0.3	66	58	c.p.c.b	c.b.c.b	5.5
Lowestoft ...						
Felixstowe ...	1	67	62	c	o.p	2.3
Walton-on-Naze ...	1	65	60	c.o.p.r	r.o.g.o	3.5
Southend-on-Sea ...	0.3	66	59	o	o	0.0
England, S.E.						
Tunbridge Wells ...						
Margate ...		66	57	o	o	0.0
Ramsgate ...		65	51	o	o	0.0
Folkestone ...		65	62	o	o	0.0
Hythe ...						
Littlestone ...						
Hastings ...	1	64	59	o.p	o	0.0
Bexhill-on-Sea ...	2	66	50	o.r.c	c.o.p	0.0
Eastbourne ...	3	65	51	o.p	o.p	0.0
Seaford ...	4	71	60	d	o.d	0.0
Brighton ...	5	64	62	o.r	o.r	0.0
Worthing ...	8	64	62	r	r	0.0
Littlehampton ...	15	68	60	r	r	0.0
Bognor ...	16	68	60	r	r	0.0
Southsea ...						
Ryde ...						
Ventnor ...						
Bournemouth ...	16	64	60	r.o	o.d	0.0
Weymouth ...	29	64	62	o.p	p.o.g	0.0
Exmouth ...						
Teignmouth ...	17	68	62	c	c	0.2
Torquay ...	27	68	62	o	c.o.m	0.5
Paignton ...	17	67	61	o	o	0.7
Plymouth ...	2	69	60	o.r.o	b.c	5.2
Falmouth ...		71	58	o.c	c.o	5.7
Penzance ...	30	69	59	-	-	1.2
Bude ...						
Ilfracombe ...	15	65	60	o.p	r	0.0
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.		Max.	Min.	Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obsy.) ...	74	89	0.0	69	65	56	0.3	o	o.r	o.c
City (Banhill Row) ...	*	*	0.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	75	76	0.0	68	56	53	0.3	b.b.c	r.b.c	b.c
Camden Sq. (Brit. Rainfall)	73	66	0.0	71	55	52	-	o	o	*
Hampstead (Reservoir) ...	*	68	0.0	66	54	51	-	c.o.p	b.c	b.c
Richmond Park ...	*	*	0.0							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	72	65	0.0							
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
Total.				Average Rate.		Max. Rate.				
495 Joules				9.4 Milli-watts.		28.0 Milli-watts.				

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		Max.	Min.	Night.	Fore- noon.	
Dublin to 4 p.m.	2.5	69	62	61	41	c.b
Darwen to 9 p.m.		68	53	50	b.c	b.c
Manchester "	Trace	71	59	*	b.c	b.c
Birmingham "	2	70	55	*	b.c	b.c
Oxford to 8 p.m.	*	68	57	52	b.m.f.c	o.o.r
S. Kensington (Museum Grounds to 6 p.m.)	0.2	70	61	56	o	o

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

16th & 17th August 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.38	11.57	7.16
Greenwich ...	4.40	12.4	7.20
Wick ...	4.38	12.16	7.55
Valencia ...	5.27	12.45	8.4

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 70° and upwards in many parts of England and Wales, and reached 76° at Birr Castle. Little or no bright sunshine was recorded in the south and east of England, but in the north of Ireland and the west and north of Scotland the duration was large. Rain fell at most of our southern stations, heavily at Pembroke and Bath. A thunderstorm occurred at Pembroke, and lightning was seen at Holyhead.

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.

Monday,  
17th August, 1914.

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.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours. °F.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	Temp.		WEATHER.				
				Direc.	Force 0-12.						Direc.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.		
BRITISH ISLANDS.	Deerness	1021.9	53	E	2	o	1022.2	*	51	-2	E	1	E	o	1	?	58	49	od	o	od	0.4	
	Lerwick	1022.5	53	NE	3	bc	1022.2	?	51	-2	N	3	-	om	2	0.2	55	50	o	bc	om	*	
	Stornoway	1020.4	58	NE	3	b	1021.2	+1	53	-1	NE	1	-	b	1	-	63	47	b	b	b	13.5	
	Castlebay (Barra Isd.)	1019.4	59	E	4	b	1020.3	o	57	o	ENE	3	-	c	3	-	61	55	o.c.bm	bm.b	bc	9.0	
	Glasgow	1019.9	61	ENE	2	b	1022.2	+1	52	+2	NE	1	-	o	*	-	66	49	b.b.c	b	b.b.c	12.6	
	Eskdalemuir	1019.8	59	ENE	3	b	1021.3	+1	47	-5	-	o	NW	bw	*	-	65	42	bc	c.b	b.b.c	8.6	
	Malin Head	1018.3	60	E	3	b	1018.8	+2	55	o	S	2	SE	b	1	-	61	54	bc	bc	bc	7.4	
	Blackod Point	*	*	NNW	2	of	*	*	*	*	NW	1	*	of	*	*	*	*	of	of	of	*	
	Valencia	1017.3	60	WSW	1	o	1018.6	+1	61	+3	-	o	-	om	2	-	66	58	of	of	om	2.9	
	Roche's Point	1018.5	63	SE	3	b	1020.2	*	59	-2	E	1	-	b	1	0.1	65	58	g.bcm	bc.bm	bm	*	
	Birr Castle	1017.4	68	E	1	c	1019.5	*	56	o	SE	1	-	b	*	-	73	53	c	c	c.b	4.9	
	Donaghadee	1018.9	58	NE	2	b	1020.1	+3	55	o	-	o	-	czw	1	trace	61	52	b	b	b.czw	*	
	Liverpool (Bidston)	1017.4	65	NNW	1	c	1021.0	+2	55	-1	ENE	2	-	b	2	-	69	53	b	bc	bm	10.2	
	Holyhead	1018.5	62	ENE	4	b	1020.1	+2	58	o	-	o	-	b	o	-	69	54	b.b.c	bc.c	b.b.c	11.6	
	Pembroke (St. Ann's)	1017.4	62	NW	2	b	1019.9	+2	56	o	E	2	R	c	2	-	65	55	bm	bm	b	12.3	
	Newquay	1015.8	62	NW	3	b	1018.8	+2	60	o	-	o	-	bc	2	-	65	51	b	b	b	12.0	
	Scilly (St. Mary's)	1016.9	63	NNE	1	bm	1018.6	+3	59	-1	E	2	-	bme	2	0.1	66	55	b	bm	bme	8.9	
	Jersey (St. Aubin)	1013.5	66	NNW	3	b	1017.2	*	53	-7	E	2	*	o	*	*	*	*	*	*	*	*	*
	Portland Bill	1014.2	68	N	3	bc	1018.3	+3	58	+2	NE	4	-	o	3	-	71	55	bc	b.b.c	bc	*	
	Dungeness	1012.4	66	ENE	4	b	1016.7	+2	62	-2	NE	3	NE	bc	3	-	69	58	c.b.c	bc.b	b.b.c	*	
	Dover	1013.2	64	NE	6	c	1017.1	+3	62	-2	NNE	5	-	bc	3	-	69	58	b.b.c	b.b.c	c.o.b.c	11.9	
	Wick	1021.9	54	NE	3	bc	1022.2	+1	53	-1	NE	2	-	o	2	-	57	52	om	om.b.c	om	*	
	Nairn	1020.3	56	ENE	3	b	1022.2	*	50	-2	-	o	-	b	1	-	64	41	bc	b	bcw	9.4	
	Aberdeen	1021.5	58	ESE	2	b	1021.9	+1	54	-1	-	o	-	o	2	-	63	51	o.c.b.c	b	b.c.o	10.0	
	Leith	1020.8	60	NE	3	b	1021.8	+1	55	+1	E	2	E	o	*	-	61	51	c.b.c	b	b.c.o	*	
Tynemouth	1020.4	60	ENE	2	b	1021.9	+2	52	-5	NW	1	-	f	2	-	66	49	bc	bc	f	?		
Spurn Head	1019.2	62	NE	4	b	1021.3	+2	60	-2	NE	4	NE	bc	4	-	68	55	bc	bc	bc	13.0		
Yarmouth	1016.4	65	NNE	4	bc	1018.6	+2	62	-3	NNE	4	N	bc	3	-	69	57	bc	bc	bc	13.3		
Clacton-on-Sea	1014.3	67	NE	4	bc	1017.6	+2	59	-6	NNE	3	NE	c	2	-	70	56	b	b.b.c	b.c.c	13.1		
Nottingham	1017.7	64	ENE	4	b	1021.0	*	55	o	NE	2	NE	o	*	-	70	53	c.b	c.b	b	9.9		
Bath	1015.6	69	NE	2	bc	1020.6	*	57	+1	NE	3	NE	o	*	-	72	52	o.c.b.c	bc.c	b.c.b.c	6.6		
London (New Obs.)	1014.6	71	NE	4	bc	1019.1	+2	57	-3	NNW	1	NE	om	*	-	73	54	bc.b.c	bc.c.b.c	b.c.b.c	10.5		
Folmouth	1016.0	65	NNW	3	b	1018.9	+2	58	o	NNW	1	E	c	3	-	69	56	*	*	*	*		
																*	*	*	*	*	*		
																*	*	*	*	*	*		
																*	*	*	*	*	*		
																*	*	*	*	*	*		
																*	*	*	*	*	*		
																*	*	*	*	*	*		
NORTHERN EUROPE.	Vardö															*							
	Bodö															*							
	Christiansund															*							
	Skudesnaes															*							
	Færder (X'ania Fjord)															*							
	The Scaw (Skagen)															*							
	Blaavands Huk															*							
Haparanda															*								
Hernösand															*								
Stockholm															*								
Wisby															*								
Karlstad															*								
St. Petersburg															*								
CENTRAL EUROPE.	Berlin														*								
	Frankfurt														*								
	Munich														*								
	Vienna														*								
	Cuxhaven														*								
	The Helder	1016.2	66	NE	5	bc	1017.1	+1	64	+1	ENE	4	-	bc	2	-	70	61					
Brussels	*	*	*	*	*										*								
FRANCE.	C. Gris Nez														*								
	La Hève	1011.0	62	NE	2	m	1016.3	*	61	+2	N	2	*	c	2	7	72	57					
	Usant	1016.6	59	NE	2	b	1017.0	*	59	-2	N	2	*	b	2	-	64	54					
	Brest (St. Mathieu)	1016.4	61	N	3	b	1017.2	+1	59	-2	NNW	3	*	m	2	-	70	57					
	Roche fort (Ile d'Aix)	1013.0	66	NNW	4	c							*		*								
	Biarritz	1016.2	66	NW	2	c	1017.3	+2	66	+6	NW	4	*	o	4	19	68	59					
	Paris	1010.0	64	NE	1	c	1013.6	+2	59	-2	N	3	-	b	*	16	72	57					
	Belfort														*								
	Lyons														*								
	Nice	1008.8	68	-	o	c	1008.0	+1	70	+2	-	o	*	b	3	trace	84	59					
Perpignan	1011.4	68	NW	3	c	1015.0	+2	68	+7	N	1	*	b	3	8	72	57						
Sanguinaire	*	76	W	2	o	*	*	74	*	W	4	*	o	3	-	77	66						
SOUTHERN EUROPE.	Corunna (7 a.m.)														*								
	Madrid (8 a.m.)														*								
	Lisbon (9 a.m.)														*								
	Gibraltar														*								
	Rome														*								
Azores (Horta, 8 a.m.)	1024.3	*	SW	4	m	1023.5	*	*	*	NNW	2	*	o	2	*	*	*						
Madeira (Funchal)															*	*	*						

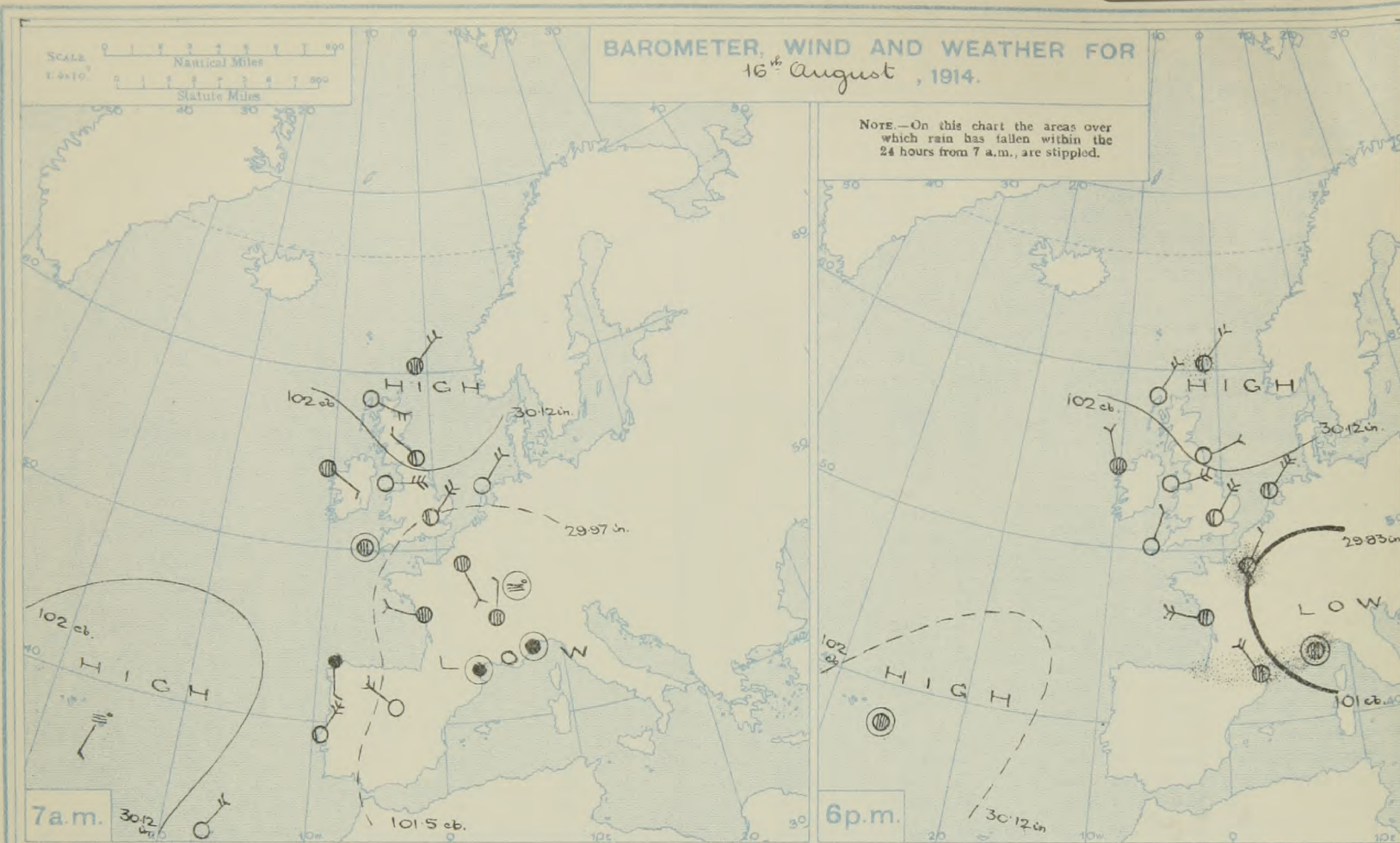
1 Millimeter = .08937 inch.  
Rainfall amounts expressed in  
Millimeters may therefore be  
converted approximately to  
Hundredths inch by multiplying  
by 4. (Error 1.6 per cent.)

## RAINFALL.

Equivalents of Millimeters in Inches.

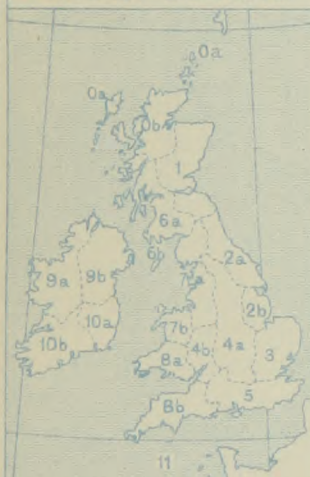
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
5	0.20	30	1.18
6	0.24	31	1.22
7	0.28	32	1.26
8	0.32	33	1.30
9	0.35	34	1.34
10	0.39	35	1.38
11	0.43	36	1.42
12	0.47	37	1.46
13	0.51	38	1.50
14	0.55	39	1.54
15	0.59	40	1.58
16	0.63	41	1.61
17	0.67	42	1.65
18	0.71	43	1.69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

1 Millimeter = 0.03937 inch.  
Rainfall amounts expressed in Millimeters may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 1.6 per cent.)



FORECASTS FOR THE TWENTYFOUR HOURS ENDED 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 Coast.	South Coast.
North Coast.	North Coast.

NO WARNINGS  
ISSUED.

0 } Calms or light variable airs; fair generally, but misty or  
1 } foggy in places; rather cool.  
2 }

3 } Light or moderate Northerly and North-Easterly winds; fair  
4 } generally, with a normal midday temperature.  
5 }

6 } Same as Nos. 0 to 2.  
7 }

8 } Light breezes, chiefly Northerly; fair generally, but misty  
9 } in places; normal midday temperature.  
10 }

11 } Same as Nos. 0 to 2.

Western Channel and Bay. 11

Light breezes chiefly Northerly, with a slight or smooth sea; fair generally, but misty or foggy in places; normal temperature.

FURTHER OUTLOOK.(all districts) Fair weather is likely to continue.

Millibars  
1050-31

1040

1030

1020

1010

1000

990

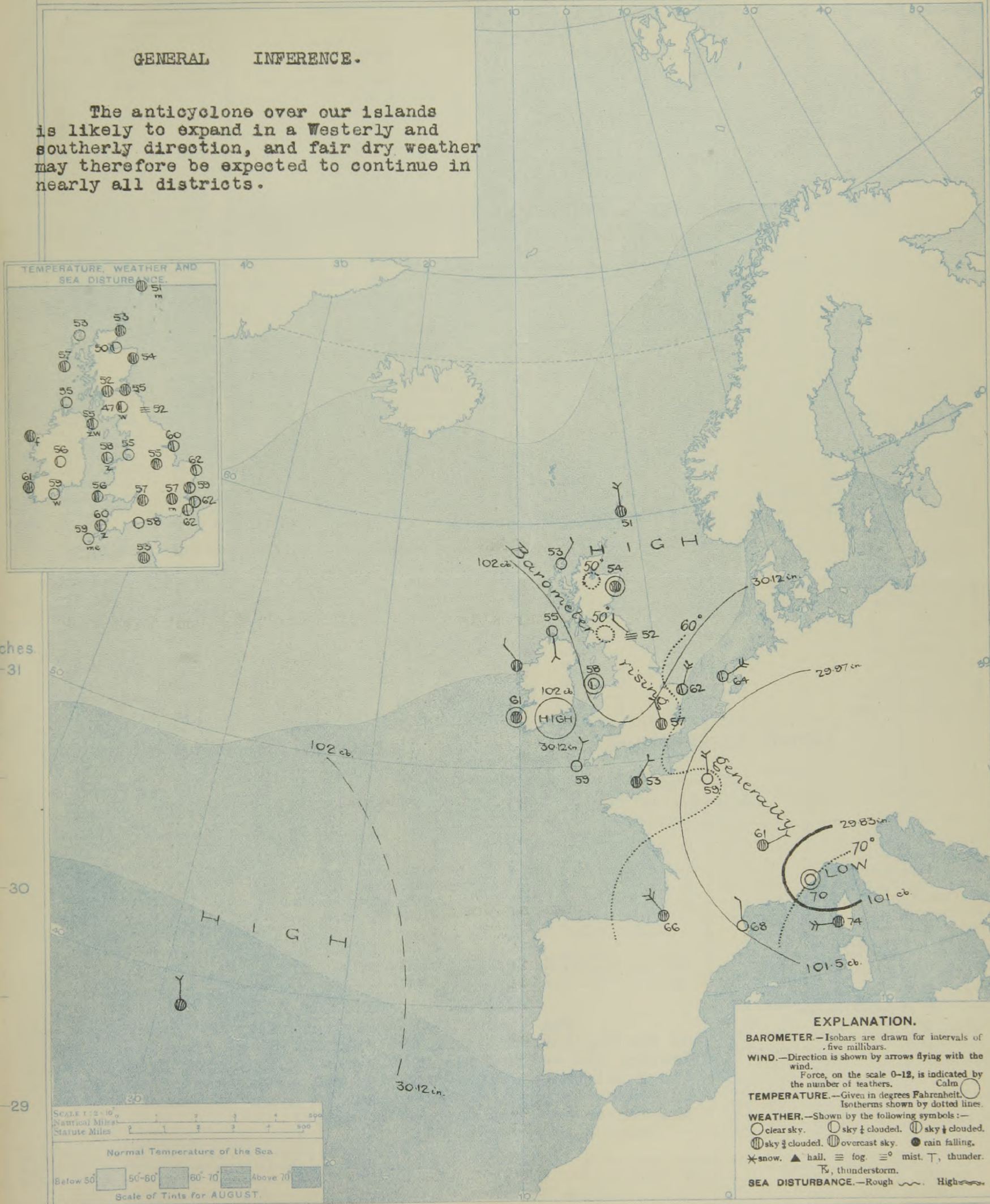
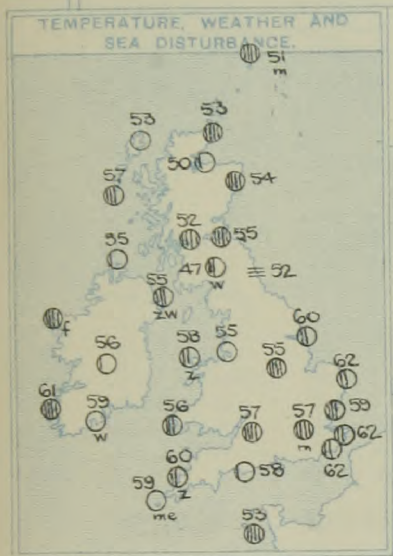
980

970

SYNOPTIC CHART FOR 7 a.m., Monday, 17<sup>th</sup> AUGUST, 1914.

GENERAL INFERENCE.

The anticyclone over our islands is likely to expand in a Westerly and southerly direction, and fair dry weather may therefore be expected to continue in nearly all districts.



EXPLANATION.




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

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

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

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

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

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

\*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.	
					mb.	±		(0-12).							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.			
		mm. §	° F.	° F.			Hr.			mm. §	° F.	° F.			Hr.		
Scotland.	Oban ...	...						England, S.E.		Tunbridge Wells ...	...						
	Banff ...	...	60	52	oc	bc.b.	56			Margate ...	...	74	52	c.b.c.	bc.c.	102	
	Stonehaven ...	...	64	45	ov	bu	10.1			Ramsgate ...	...	64	60	b	bc.b.	98	
	Carnoustie ...	...	62	47	*	*	88			Folkestone ...	...	69	59	b	b	117	
	St. Andrews ...	...			*	*				Hythe ...	...						
Eng. N.E.	Harrogate ...	...	66	48	bc.b.	b	107			Littlestone ...	...	*	*	*	*	84	
	Scarborough ...	...	67	55	c.b.	b	109			Hastings ...	...	73	57	bc.b.	b	97	
	Skegness ...	...	66	59	bc.	bc.b.	122			Bexhill-on-Sea ...	...	73	57	b	b	94	
Eng. N.W.	Douglas (I. of M.) ...	...	66	54	b	b	123			Eastbourne ...	...	72	57	bc.b.	b.b.c.	77	
	Morecambe ...	...	72	52	b	b	113			Seaford ...	...						
	Blackpool ...	...	70	45	c.b.	c	125			Brighton ...	...	76	56	bc	bc	103	
	Southport ...	...	70	48	b	b	120			Worthing ...	...	74	56	bc.b.	b	110	
Midlands.	Buxton ...	...	67	50	bc.	b	101			Littlehampton ...	...	73	55	b	b	100	
	Leamington Spa ...	...	72	54	b	b	90			Bognor ...	...	75	56	b	b	103	
	Malvern ...	...	70	52	c.b.c.	bc.u	50			Southsea ...	...	75	56	bc.b.	b	103	
	Ross-on-Wye ...	...	70	53	bc.	b	58			Ryde ...	...	72	58			95	
Wales.	Rhyl ...	...	66	51			120			Ventnor ...	...			*	*	100	
	Colwyn Bay ...	...	66	52	b	b	120			Bournemouth ...	...	3	72	52	c.b.c.	bc.	80
	Llandudno ...	...	67	54	b	b	118			Weymouth ...	...	2	74	54	b	b.b.c.	80
	Bettws-y-Coed ...	...								Exmouth ...	...						
	Aberystwyth ...	...	69	56	oc.b.	b.b.c.	115			Teignmouth ...	...	5	71	56	b	b	110
England, E.	Tenby ...	...						England, S.W.		Torquay ...	...	3	73	55	bc	b	100
	Swansea ...	8	72	61	b.b.c.	b	90			Paignton ...	...						
	Cromer ...	...	67	59	b	b	127			Plymouth ...	...						
	Lowestoft ...	...	67	61	b	b	125			Falmouth ...	...	1	69	56	oc.	c.b.	97
	Felixstowe ...	...	68	61	bc	bc	126			Penzance ...	...	03	71	57	b	b	104
	Walton-on-Naze ...	...	67	56	b	b.b.c.	127			Bude ...	...	2	69	58	b	b	105
	Southend-on-Sea ...	...	72	54	b	b.b.c.	120			Ilfracombe ...	...	7	67	57	b	b	100
		...								Weston-super-Mare ...	...	1	71	55	c.b.c.	b.b.c.	60

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
	%	%		Max.	Min.				
Greenwich (Royal Obs.) ...	42	70	10.9	76	55	47	mm. §	b.b.c.	b.b.c.
City (Sunhill Row) ...	*	75	11.6	74	56	50	-	bc	b
Westminster (St. James's Pk.)	51	75	11.7	74	55	50	-	bc	b
Camden Sq. (Brit. Rainfall)		66	10.8	79	55	50	-	-	*
Hampstead (Reservoir) ...	*	75	11.3	72	52	50	-	bc	bc. oc.
Richmond Park ...	*	*	11.4						
Kew. (See front page.)									
(Greenwich and Camden Square air temperatures are in Glaisher screens.)									
S. Kensington (Roof of M.O.)	-	72	11.1	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.					
				Total.	Average Rate.	Max. Rate.			
				1780 Joules.	34.0 Milliwatts.	800 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
		Max.	Min.			
Dublin to 4 p.m.	mm. §	° F.	° F.			Hr.
Darwen to 9 p.m.						*
Manchester "						
Birmingham "						
Oxford to 8 p.m.	*					*
S. Kensington (Museum Grounds to 6 p.m.)	-	75	55	52	bc.b.c.	bc

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

17th 18th Aug. 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.40	11.57	7.14
Greenwich ...	4.42	11.57	7.12
Wick ...	4.50	12.4	7.18
Valencia ...	4.52	12.4	7.16
	4.40	12.16	7.52
	4.42	12.16	7.50
	5.29	12.45	8.2
	5.31	12.45	8.0

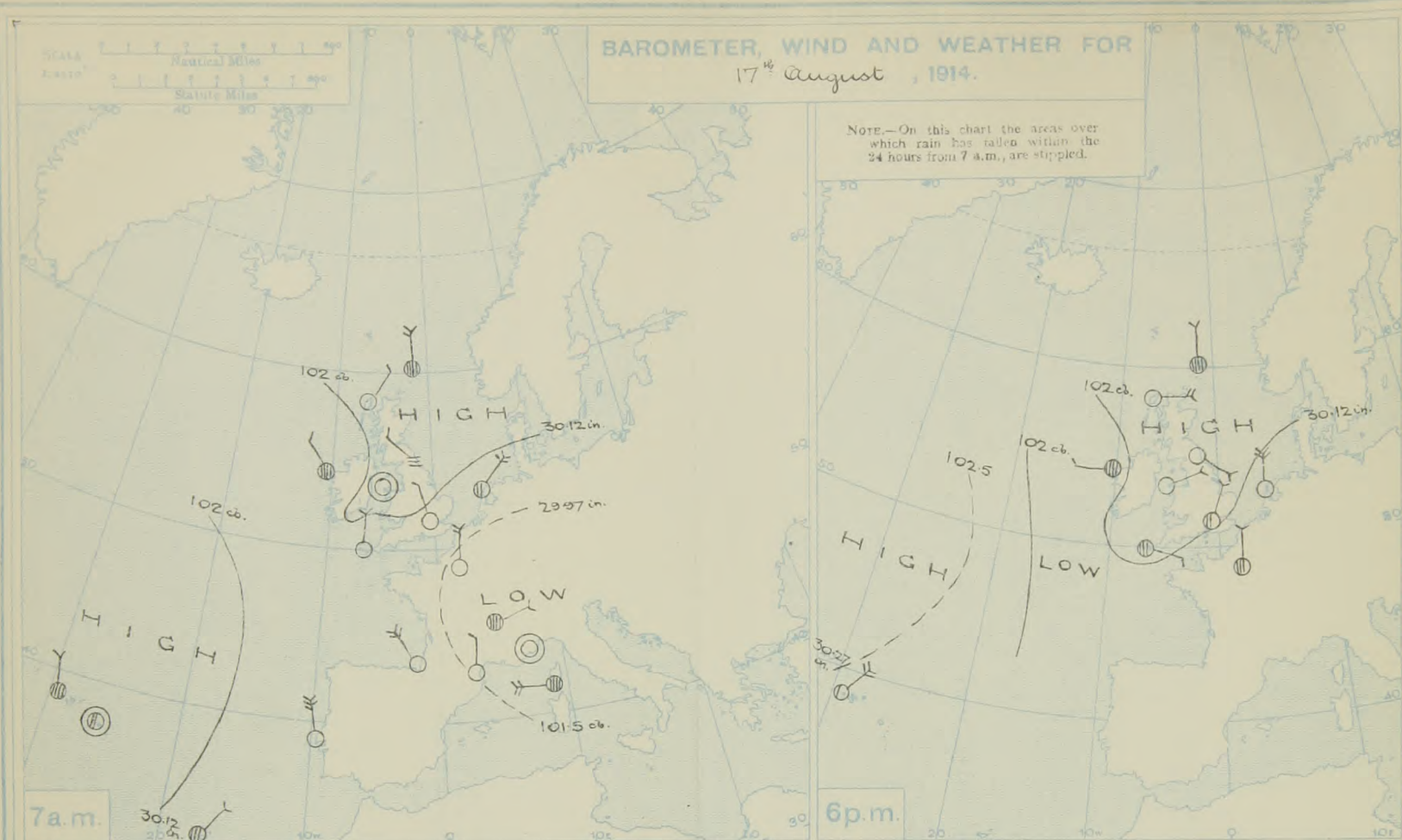
## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 70° and 75° at most of the English stations, and reached 76° at Brighton. In Ireland the weather was mostly cloudy, but over Great Britain the duration of bright sunshine was large, more than 12 hours in several places, and more than 13 hours at Yarmouth and Clacton-on-Sea, and also at Stornoway.

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.

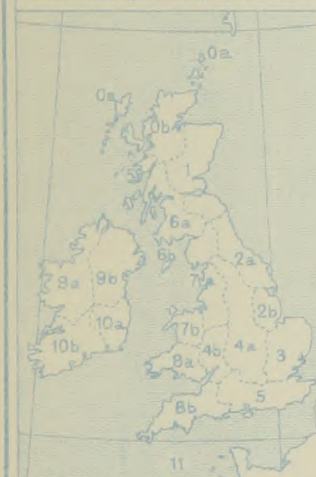
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\* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.



FORECASTS FOR THE TWENTYFOUR 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.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

NO WARNINGS

ISSUED.

Western Channel and Bay. 11

Light variable breezes, mainly between East and North; fair to very fine, local mist or fog; moderate day, cool night temperature.

Light Easterly breezes; sea smooth; fair to fine, local mist or fog; cool.

FURTHER OUTLOOK.

Millibars

1050—31

1040

1030

1020

1010

1000

990

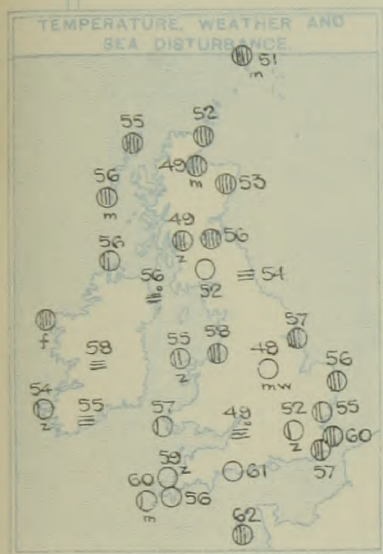
980

970

SYNOPTIC CHART FOR 7 a.m., Tuesday, 18<sup>th</sup> AUGUST, 1914.

GENERAL INFERENCE.

The anticyclone is likely to maintain its position over this country, and no important change in the general weather conditions is expected.



## 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).	

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

STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		° F.	° F.			Hr.	Tunbridge Wells ...		° F.	° F.			Hr.
Oban ...	-	70	47	b	b	12.0	Margate ...	-	74	55	o.b.c.	b	51
Banff ...	-	57	45	o.b.c.	b	5.3	Ramsgate ...	-	65	61	o.c.	b	66
Stonehaven ...	-	61	52	cg	b3	3.8	Folkestone ...	-	65	60	b	b	81
Carnoustie ...	-	63	46	*	*	8.8	Hythe ...	-	68	59	b.o.b.	b.o.b.	95
St. Andrews ...	-	65	41	o	bc	6.6	Littiestone ...	-	*	*	*	*	97
England, N.E.							Hastings ...	-	72	57	b.c.b.	b	77
Harrogate ...	-	68	46	b.c.b.	b	10.0	Bexhill-on-Sea ...	-	72	57	b	b	98
Scarborough ...	-	66	54	c.b.	c.b.	8.6	Eastbourne ...	-	72	56	b.c.b.	b.c.b.	86
Skegness ...	-	64	59	b.c.b.	c.b.	11.6	Seaford ...	-	73	56	b.c.b.	b.c.b.	64
England, N.W.							Brighton ...	-	74	57	b.c.c.	c	86
Douglas (I. of M.) ...	-	66	54	b	b	11.5	Worthing ...	-	72	56	b.c.b.	b.c.b.	100
Morecambe ...	-	70	52	b	b	12.3	Littlehampton ...	-	71	55	b.c.b.	b.c.b.	92
Blackpool ...	-	67	48	b.b.c.	b.	12.0	Bognor ...	-	72	55	b	b	85
Southport ...	-	68	47	b	b	12.0	Southsea ...	-	72	55	c.b.c.	b	95
Midlands.							Ryde ...	-	69	57	b	b	100
Buxton ...	-	65	49	bc	b	6.6	Ventnor ...	-					
Leamington Spa ...	-	70	54	bc	bc	8.0	Bournemouth ...	-	70	51	b.b.c.	b.	11.5
Malvern ...	-	68	53	c.b.c.	b.c.c.	4.6	Weymouth ...	-	73	54	b	b.b.c.	12.0
Ross-on-Wye ...	-	69	60	o.b.c.	b.c.o.	4.9	Exmouth ...	-	70	54	b	b	12.6
Wales.							Teignmouth ...	-	71	55	b	b	12.7
Rhyl ...	-	69	47	b	b	12.3	Torquay ...	-	69	54	b	b	12.7
Colwyn Bay ...	-	69	53	b.c.b.	b	10.0	Paignton ...	-	69	53	b	b	12.2
Llandudno ...	-	70	54	b	b	11.5	Plymouth ...	-	71	59	bc	bc	11.7
Bettws-y-Coed ...	-	71	47	bc	bc	8.8	Falmouth ...	-	66	56	c.b.	b.	100
Aberystwyth ...	-	67	54	c.b.	b.b.c.	11.8	Penzance ...	-	70	57	b	bc	10.6
Tenby ...	-	68	63	b	bc	8.5	Bude ...	-	69	50			9.5
Swansea ...	-	68	63	b	b	?	Ilfracombe ...	-	67	57	b	b3	12.0
England, S.W.							Weston-super-Mare ...	-	68	51	b	b	10.2
Cromer ...	-	63	57	b	b	12.8							
Lowestoft ...	-	64	59	o.c.	c.b.c.	8.0							
Felixstowe ...	-	66	55	c	c	4.5							
Walton-on-Naze ...	-	66	58	b.c.c.	c.b.c.c.	8.0							
Southend-on-Sea ...	-	70	56	c.b.c.	bc	5.9							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.	Max. Min.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	46	67	6.9	74	47	36	min. §	b.b.c.	b.c.o.	b.c.b.
City (Sunhill Row) ...	*	*	6.6	*	*	*		*	*	*
Westminster (St. James's Pk.)	44	64	6.7	74	53	46		b.c.	c.b.c.	b.b.
Camden Sq. (Brit. Rainfall)	41	67	7.5	78	49	44		o.c.	c.b.c.	*
Hampstead (Reservoir) ...	*	66	6.9	70	50	43		bc	bc	bc
Richmond Park ...	*	*	7.2							
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	49	68	6.3	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.						
				Total.	Average Rate.	Max. Rate.				
				1600 Joules	307 Milliwatts.	800 Milliwatts.				

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

18th & 19th Aug., 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.42	11.57	7.12
Greenwich ...	4.52	12.14	7.16
Wick ...	4.42	12.16	7.50
Valencia ...	5.31	12.43	8.00
	5.32	12.43	7.58

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; z. hoar frost; z. dust-haze, or smoke.

## 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.	-	68	48	?	b.w.f.m.	3.6
Darwen to 9 p.m.	-	67	47	41	bcw	bc
Manchester "	-	68	51	*	b.b.c.	b.c.c.
Birmingham "	-	67	54	48	c	c
Oxford to 8 p.m.	*	72	54	47	b.o.c.	c.b.c.
S. Kensington (Museum Grounds to 6 p.m.)	-	73	55	51	b.b.c.	c

## NOTES ON YESTERDAY'S WEATHER.

Temperature touched 74° at Brighton and Tunbridge Wells, and rose to 70° and upwards in many other parts of the Kingdom, but did not exceed 54° in Shetland. The duration of bright sunshine was rather variable, from less than an hour at Deerness to between 12½ and 12¾ hours at Spurn Head and Cromer, and on the south coast of Devon.

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1914

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

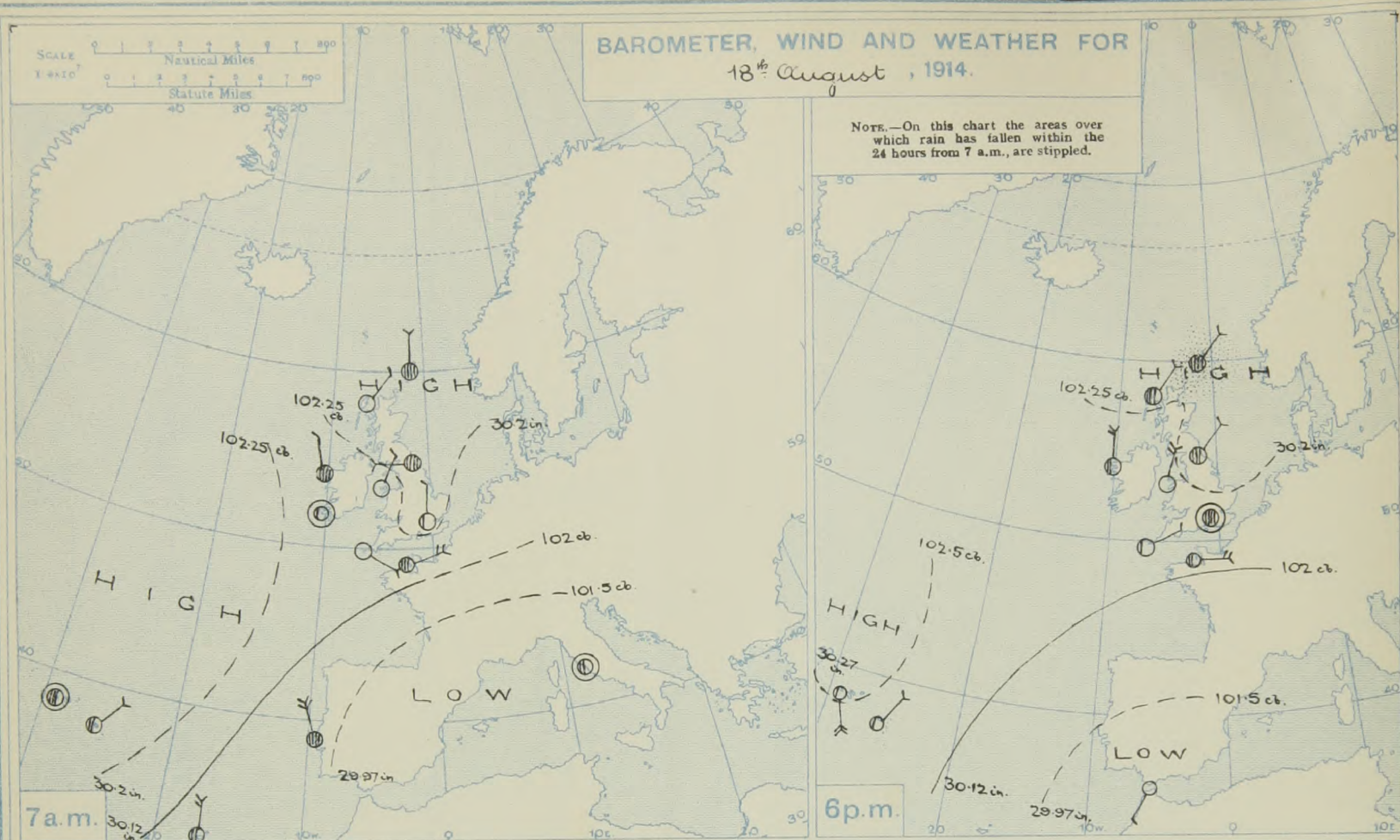
Wednesday,  
19th August, 1914.

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. Milli- bars at M.S.L.	Change in 8 hours.†	TEMP. Dry Bulb.°F.	Change in 24 hours.†	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force						Dir.	Force					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Deerness ...	1023.0	53	NNW	1	o	1022.0	*	50	-2	NW	1	NW	o	1	5	56	48	o	o	om.o.	07
	Lerwick ...	1022.9	53	NE	2	ome	1021.6	o	51	0	NNE	1	-	om	1	1	54	49	o.c	o.c	omd.	*
	Stornoway ...	1023.7	56	NE	2	e	1022.3	-1	52	-3	NE	2	-	o	2	-	63	50	o.bz	b.be.c	o	4.1
	Castlebay (Barra Isd.)	1022.3	60	NW	3	bem	1021.7	o	55	-1	ENE	2	-	om	2	-	62	55	cm	em.bem	d.bom	7.5
	Glasgow ...	1021.8	62	E	2	bc	1022.2	o	54	+5	NE	1	-	o	*	-	63	49	e.be.bz	b.be.b	b.c.o.	6.1
	Eskdalemuir ...	1022.3	57	NE	2	bc	1022.4	-1	51	-1	NW	1	-	o	*	-	64	47	bm.be.b	o.c.be	c.o.	6.8
	Malin Head ...	1022.5	60	N	1	b	1021.7	-2	56	o	N	1	NW	m	1	-	64	55	bz	bz	bm.w	10.5
	Blacksod Point ...	*	*	N	3	bcv	*	*	*	*	NNE	1	*	om	1	*	*	*	of.bz	bz	om	*
	Valencia ...	1021.7	64	WNW	2	cz	1021.3	o	53	-1	-	o	-	bcfw	2	-	66	53	bz	bz	bcf	10.4
	Roche's Point ...	1022.5	65	SSE	2	b	1021.5	*	59	+4	N	2	-	o	2	0.1	66	54	f.b	bm	bm.om	*
	Birr Castle ...	1021.5	68	W	1	b	?	*	54	-4	NW	1	-	f	*	-	69	53	bc	bc	f	5.6
	Donaghadee ...	1021.6	59	NNE	2	bem	1021.4	o	56	o	NNE	1	-	of	1	-	63	54	bz	bem	bem	*
	Liverpool (Bidston)	1021.1	63	WNW	1	b	1021.2	o	56	-2	SE	2	SE	c	1	-	69	54	cm	b	cm	8.9
	Holyhead ...	1021.9	66	NNE	3	bm	1020.8	o	56	+1	NE	1	-	bm.w	o	trace	68	52	b.be.cm	bm	bm.w	11.7
	Pembroke (St. Ann's)	1021.9	63	NNE	1	bc	1020.5	-2	60	+3	SW	1	W	bm	1	-	67	55	bc	bc	b	11.6
	Newquay ...	1020.6	63	-	o	bcz	1020.2	o	61	+2	-	o	-	bcz	1	-	68	51	bz	cz.c	bc	5.6
	Scilly (St. Mary's)	1021.4	65	ENE	1	bm	1020.7	+1	59	-1	ENE	1	E	bm	2	0.1	69	56	bem	bm	bm	12.1
	Jersey (St. Aubin)	1020.3	67	E	3	b	1019.8	*	61	-1	E	3	-	b	*	-	66	60	*	*	bc	*
	Portland Bill ...	1021.7	62	WSW	2	b	1020.8	+1	62	+1	SW	1	-	c	1	-	66	60	b	b	bc	*
	Dungeness ...	1020.5	63	E	3	bc	1020.5	o	55	-2	-	o	-	og	o	-	68	50	bc	bc	bc.o.	*
	Dover ...	?	58	NE	2	bcv	1020.2	o	60	o	NNE	1	N	b	3	-	69	49	c.be.b	b.be.c	bc.	8.6
	Wick ...	1022.9	53	NE	1	o	1022.1	o	51	-1	WNW	1	-	o	1	-	55	50	om	om	om	*
	Nairn ...	1021.7	57	ENE	2	bc	1021.9	*	53	+4	-	o	-	omg	1	-	61	48	be.b	b	bem	7.0
	Aberdeen ...	1023.1	56	E	1	c	1022.2	o	53	o	-	o	-	o	2	-	59	52	o	o.c	c.o.	0.4
	Leith ...	1022.7	60	ENE	2	c	1021.8	o	55	-1	-	o	NW	o	2	-	63	52	o.c.b.	b	o	*
Tynemouth ...	1023.6	58	NE	2	c	1022.9	o	56	+2	NE	1	-	o	2	-	61	53	be	be	bem	*	
Spurn Head ...	1022.8	58	NE	3	c	1022.8	o	59	+2	NE	2	-	c	2	-	67	54	c	c	bc	0.9	
Yarmouth ...	1021.3	62	N	2	bc	1020.9	-1	56	o	NW	1	N	c	1	-	65	50	c.o	o.be	b.c.c.	3.9	
Clacton-on-Sea ...	1020.8	62	ENE	2	c	1020.7	o	56	+1	NNW	2	NW	bc	1	-	67	54	bc.c	c	c.be.	5.5	
Nottingham ...	1021.2	61	E	3	c	1022.0	*	54	+6	E	1	NE	em	*	-	70	48	bz	bc	c.o.	6.8	
Bath ...	1020.6	70	NW	1	m	1021.0	*	55	+6	NE	1	-	m	*	-	73	49	m.bz	z.be.cu	bem	9.7	
London (Kew Obs.)	1020.6	68	-	o	og	1021.2	+1	57	+5	-	o	-	om	*	-	69	52	og.bez	cz.og	g.c.bom	8.4	
Falmouth ...	1021.6	63	SE	1	b	1020.7	o	60	+4	NE	2	*	b	2	-	67	55	*	*	*	*	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
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NORTHERN EUROPE.	Vardö ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Bodö ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Christiansund	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Skudesnaes ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Færder (X'ianla Fjord)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	The Scaw (Skagen)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Blaavands Huk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Haparanda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Hernösand ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Stockholm ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
CENTRAL EUROPE.	Wisby ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Karlstad ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	St. Petersburg	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Berlin ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Frankfurt ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Munich ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Vienna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
FRANCE.	Cuxhaven ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	The Helder ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Brussels ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	C. Gris Nez ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	La Hève ...	1020.2	64	NE	2	b	1020.2	*	54	...	ENE	3	*	b	o	-	68	48	...	...	...	...
	Ushant ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Brest (St. Mathieu)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Roche fort (Ile d'Aix)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Biarritz ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Paris ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
SOUTHERN EUROPE.	Belfort ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Lyons ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Nice ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Perpignan ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Sanguinaire ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	*	...	...	...	...	...	...
	Corunna (7 a.m.)...	...	...	...	...	...	...	...	...	...	...	...</										

## RAINFALL.

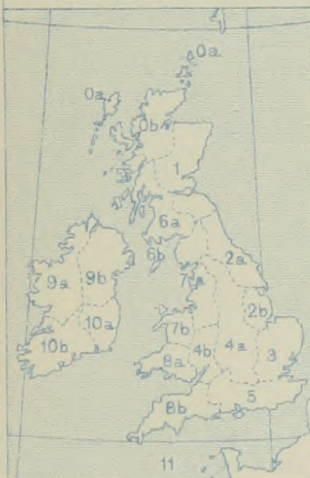
Equivalents of Millimeters  
in Inches.

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
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21	0.83	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97



# FORECASTS FOR THE TWENTYFOUR 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 Coast.	South Coast.
North Coast.	North Coast.

NO WARNINGS

ISSUED.

Western Channel and Bay. 11

FURTHER OUTLOOK.

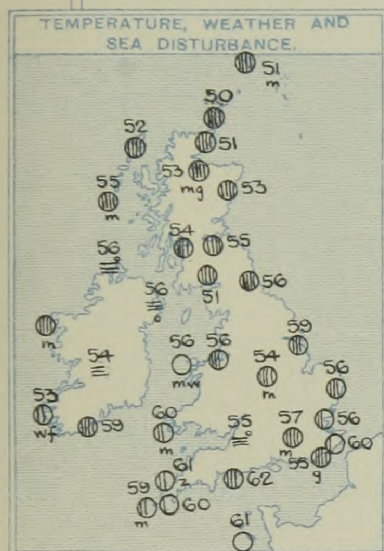
Calms and very light variable breezes, mainly between East and North; fair or fine to dull, some mist; moderate temperature.

Millibars  
1050  
1040  
1030  
1020  
1010  
1000  
990  
980  
970

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

## GENERAL INFERENCE.

The anticyclone remains stationary over this country, and there are no indications of any marked change in the general weather conditions.

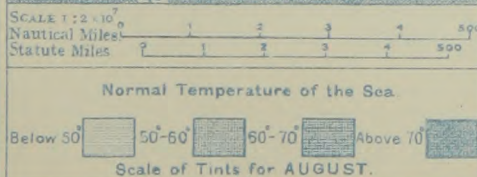


Inches.

31

30

29



## 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.	
					mb.	†		(0-12).							mb.	†		(0-12).	

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

STATIONS.		Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.			STATIONS.		Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.							Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban ...	...	67	46	b	b	11.5	England, S.E.		Tunbridge Wells ...	...	...	70	44	b.c.b.	b.b.c.	9.0
	Banff ...	...	57	47	a.c.	b.c.	1.6			Margate ...	...	...	64	58	c.b.	b	7.6
	Stonehaven ...	...	59	50	c.g.	c.g.	0.3			Ramsgate ...	...	...	64	56	b	c.b.	7.5
	Carnoustie ...	...	59	?	*	*	0.3			Folkestone ...	...	...	69	56	b	b.c.	8.9
	St. Andrews ...	...	59	51	*	*	0.9			Hythe ...	...	...	*	*	*	*	9.0
Engl. N.E.	Harrogate ...	...	65	45	a.c.b.c.	b.c.c.	4.0	England, S.W.		Littlestone ...	...	...	70	51	b	b	11.8
	Scarborough ...	...	60	53	c.b.	a	1.3			Hastings ...	...	...	69	52	b	b	10.8
	Skegness ...	...	64	48	a.c.	c.o.	5.1			Bexhill-on-Sea ...	...	...	70	52	b	b.g.	11.6
Engl. N.W.	Douglas (I. of M.) ...	...	68	49	b.g.	b.g.	12.5			Eastbourne ...	...	...	73	48	b	b	11.3
	Morecambe ...	...	68	50	a.b.c.	b.c.	4.1			Seaford ...	...	...	72	52	b.b.c.	b.c.c.	12.0
	Blackpool ...	...	67	48	m.b.	b.c.c.	7.3			Brighton ...	...	...	71	51	b	b.b.c.	11.5
Midlands.	Southport ...	...	68	48	b	b.b.c.	7.5			Worthing ...	...	...	70	50	b	b.b.c.	10.5
	Buxton ...	...	65	44	b.c.	c	3.3			Littlehampton ...	...	...	69	52	b	b	10.7
	Leamington Spa ...	...	70	46	b.c.	b.c.	8.5			Bognor ...	...	...	70	52	b	b.c.o.	10.0
Wales.	Malvern ...	...	71	49	b	b.b.c.	9.5			Southsea ...	...	...	70	55	b	b	11.0
	Ross-on-Wye ...	...	73	43	w.f.b.c.g.	b.g.	9.9			Ryde ...	...	...	69	49	b	b.b.c.	11.0
	Rhyl ...	...	67	45	b	b	12.0			Ventnor ...	...	...	70	53	b	b.g.	11.7
England, E.	Colwyn Bay ...	...	68	47	b	b	11.5			Bournemouth ...	...	...	70	52	b	b	11.5
	Llandudno ...	...	70	51	b	b	11.5			Weymouth ...	...	...	67	52	b	b	11.3
	Bettws-y-Coed ...	...	71	44	b.c.	b.c.	9.5			Exmouth ...	...	...	69	52	b	b	11.8
England, S.W.	Aberystwyth ...	...	67	52	c.b.c.	c.b.	11.6			Teignmouth to 9 p.m. ...	...	...	68	50	b.c.b.	b.b.c.	10.5
	Tenby ...	...	71	?	b	b	10.0			Torquay ...	...	...	70	52	c.b.	b.c.	11.5
	Swansea ...	...	71	47	b	b.c.	10.0			Paignton ...	...	...	67	55	b	b.c.	9.9
England, S.W.	Cromer ...	...	65	54	c.b.	b	7.0			Plymouth ...	...	...	69	53	b	b.c.	8.7
	Lowestoft ...	...	61	49	a.c.	c.b.c.	3.5			Falmouth ...	...	...	71	48	b	b.c.	9.5
	Felixstowe ...	...	66	47	b.c.	c	6.6			Penzance ...	...	...	68	53	b	b.g.	10.4
England, S.W.	Walton-on-Naze ...	...	66	48	b.c.c.	c.o.	5.5			Bude ...	...	...	70	48	m.b.	b.m.	8.0
	Southend-on-Sea ...	...	70	49	b	b.c.	11.3			Ilfracombe ...	...	...	70	48	b	b	8.0
England, S.W.	Weston-super-Mare ...	...	70	48	b	b	11.3			Weston-super-Mare ...	...	...	70	48	b	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.		Fore- noon.	After- noon.	Night.
	%	%		Max.	Min.				
	24 HOURS ENDED 9 A.M. TO-DAY.								
Greenwich (Royal Obs.) ...	47	76	9.4	72	51	4.3	b.c.c.	b.c.c.	c.o.
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*
Westminster (St. James's Pk.) ...	52	76	9.1	70	55	4.9	b.c.	b.c.	o
Camden Sq. (Brit. Rainfall)	49	73	8.9	75	55	5.0	b.c.	b.c.	*
Hampstead (Reservoir) ...	*	76	10.6	67	54	4.5	b.c.	b.c.	o
Richmond Park ...	*	*	*						
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.	Average Rate.	Max. Rate.			
S. Kensington (Roof of M.O.)				1497 Joules	728.9 Milliwatts.	72.0 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		Night Min. on Grass.	Night.	WEATHER.		Sun- shine for Yester- day.
		In Screen.	Max.			Fore- noon.	After- noon.	
		Max.	Min.					
		24 HOURS ENDED 9 A.M. TO-DAY.						
Dublin to 4 p.m.	mm.†	68	51	50	b.w.g.	b.c.	c.b.	*
Darwin to 9 p.m.	...	71	48	43	b.c.w.	b.c.	b.c.	5.0
Manchester "	trace	68	49	*	a.c.o.	o	o	0.7
Birmingham "	*	69	46	40	b.b.m.	b.m.g.	c.g.b.g.	*
Oxford to 8 p.m.	*	69	46	40	b.b.m.	b.m.g.	c.g.b.g.	*
S. Kensington (Museum Grounds to 6 p.m.)	...	71	52	44	a.b.c.b.	b.c.c.g.	c.g.o.g.	*

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

19th & 20th August, 1914.	Sunrise.		Noon.		Sunset.	
	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.44	12.57	4.45	12.58	4.46	12.59
Greenwich ...	4.54	12.4	4.55	12.3	4.56	12.2
Wick ...	4.45	12.16	4.47	12.15	4.49	12.14
Valencia ...	5.33	12.45	5.34	12.44	5.35	12.43

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to between 70° and 73° at some southern stations, but remained below 60° at a number of northern ones. The bright sunshine records varied greatly, from less than an hour in eastern Scotland to 12 hours at Brighton, Scilly and Rhyl, and 12½ hours at Douglas.

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 id. at M.O. and at the bookstalls at certain Railway Termini in London.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,  
20th August, 1914.

DATE.	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.	TRMP.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.†	Dry Bulb.‡	Change in 24 hours.‡	Direc.	Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
				Dircc.	Force 0-12.												Max. °F.	Min. °F.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Deerness ...	1020.6	52	N	1	o	1019.8	*	54	+4	SE	1	-	b	1	trace	54	48	o	om. o	om. bc	0.0		
	Lerwick ...	1020.8	54	E	1	c	1021.2	o	52	+1	-	o	-	od	o	1	56	50	omd	c	o. cd	*		
	Stornoway ...	1020.5	54	NE	3	o	1020.1	o	52	o	NE	1	-	c	1	0.1	56	50	o	o	o. c.	0.1		
	Castlebay (Barrisd.) ...	1020.3	57	E	1	om	1019.1	o	57	+2	NE	1	-	cm	2	*	58	54	om	om	o. cm	0.0		
	Glasgow ...	1020.0	61	NW	1	c	1020.5	o	53	-2	NE	1	5	cz	*	*	64	52	o. cz	ogz	c. ogz	1.1		
	Eskdalemuir ...	1020.2	61	-	o	bc	1021.0	o	50	-4	SW	1	-	bmw	*	*	65	53	o. c.	c. bc	bmw	5.2		
	Malin Head ...	1020.2	60	WNW	1	m	1019.3	-2	57	+1	E	1	-	m	o	*	62	56	bz	bm	om	5.1		
	Blacksod Point ...	*	*	N	2	om	*	*	*	*	SW	1	*	cm	1	*	*	*	cg. om	om	cm	*		
	Valencia ...	1019.6	63	WNW	1	bz	1019.3	o	50	-3	ENE	1	-	bzw	2	*	64	49	bz	bz	bcz	7		
	Roche's Point ...	1020.6	62	SE	1	o	1020.4	*	56	-3	N	1	-	f	1	1	66	55	cm	dp. gm	om. f	*		
	Birr Castle ...	1019.3	67	W	1	c	1019.6	*	55	+1	W	1	-	f	*	trace	68	51	fc.	c	fe	5.2		
	Donaghadee ...	1019.7	59	E	1	bm	1019.2	o	57	+1	NNW	1	-	f	1	*	62	54	bm	bm	bm. fe	*		
	Liverpool (Bldston) ...	1019.3	65	ENE	1	c	1020.0	+1	57	+1	ENE	2	E	o	2	*	64	56	cm	bz	c. om	6.1		
	Holyhead ...	1019.6	69	N	2	bm	1019.5	+1	55	-1	SE	1	-	bf	o	trace	64	54	bc. bm	b. bcm	bu. fe.	11.1		
	Pembroke (St. Ann's) ...	1019.5	60	-	o	bc	1020.1	+1	55	-5	SE	1	-	f	1	trace	65	54	bcm	bcm	bm	5.9		
	Newquay ...	1019.3	64	-	o	b	1019.9	+1	58	-3	-	o	-	ofe	1	*	66	50	b	b	bc. of	8.5		
	Scilly (St. Mary's) ...	1019.8	63	N	1	cm	1020.1	+2	56	-3	-	o	-	f	2	1	70	56	bm	bm	bm. fe	10.1		
	Jersey (St. Aubin) ...	1018.7	69	ENE	4	b	1020.5	*	62	+1	E	2	N	o	2	*	66	54	-	-	-	*		
	Portland Bill ...	1020.6	62	NE	1	bc	1020.7	+1	62	o	-	o	-	b	1	*	66	54	b	b. bc	bc. b.	*		
	Dungeness ...	1019.8	61	E	1	b	1020.3	o	55	o	N	2	N	bc	1	*	65	54	bc	bc	bc	*		
	Dover ...	1020.4	59	NE	1	bc	1020.2	+1	62	+2	NW	2	-	bcz	2	10	65	51	c. bc	bc. e	cot. bc	3.4		
	Wick ...	1021.0	53	ENE	1	o	1019.9	o	54	+3	S	2	-	o	3	*	55	50	om	om	om	*		
	Nairn ...	1019.8	57	E	2	bcz	1019.8	*	55	+2	-	o	-	om	1	*	61	52	c. bc	bcz	cm	6.1		
	Aberdeen ...	1020.9	57	SSE	2	b	1020.5	+1	55	+2	S	1	-	b	2	*	62	48	b. bc	bc. b	bzw	5.2		
	Leith ...	1021.0	60	E	2	b	1020.5	+1	52	-3	-	o	-	bz	2	*	63	48	o. bc. b.	b	b. bc	*		
	Tynemouth ...	1021.8	59	ESE	3	b	1021.5	o	55	-1	S	2	-	bm	2	*	62	52	opd	bc	bam	*		
	Spurn Head ...	1021.9	60	E	3	b	1021.9	o	63	+4	SE	2	-	b	2	*	66	56	bc	bc	bc	6.5		
	Yarmouth ...	1020.7	64	E	2	bc	1021.7	+2	62	+6	E	2	E	bc	1	2	64	53	cr. bc	bc	b. bc	6.7		
	Clacton-on-Sea ...	1020.1	63	E	2	ev	1020.4	o	58	+2	N	2	-	o	1	*	66	52	bc. op. c.	bc. ev	c. bc. o.	3.3		
	Nottingham ...	1020.2	64	E	1	c	1021.3	*	55	+1	E	1	E	cm	*	*	67	50	o. bc	c. o.	c. o.	7.5		
	Bath ...	1019.6	66	S	1	o	1021.0	*	58	+3	S	1	-	m	*	*	64	54	3. ag	3. ogu	gom	1.3		
	London (Kew Obsy.) ...	1019.8	65	SE	1	bz	1021.3	+1	55	-2	-	o	-	bcm	*	*	70	52	cm. cz	bcz. cz	bcz. bz. bf	3.0		
	Falmouth ...	1019.2	66	NW	2	b	1020.8	+2	56	-4	NNW	1	o	f	2	*	64	53	*	*	*	*		
NORTHERN EUROPE.	Vardö ...														*									
	Bodö ...														*									
	Christiansund ...														*									
	Skudesnaes ...														*									
	Færder (X'ania Fjord) ...														*									
	The Scaw (Skagen) ...														*									
	Blaavands Huk ...														*									
	Haparanda ...														*									
CENTRAL EUROPE.	Hernösand ...														*									
	Stockholm ...														*									
	Wisby ...														*									
	Karlstad ...														*									
	St. Petersburg ...														*									
	Berlin ...														*									
	Frankfurt ...														*									
	Munich ...														*									
FRANCE.	Vienna ...														*									
	Cuxhaven ...														*									
	The Helder ...														*									
	Brussels ...														*									
	C. Gris Nez ...														*									
	La Hève ...														*									
	Ushant ...														*									
	Brest (St. Mathieu) ...														*									
SOUTHERN EUROPE.	Roche fort (Ile d'Aix) ...	1014.9	70	N	4	o									*									
	Biarritz ...														*									
	Paris ...	1018.1	68	NE	2	b									*									
	Belfort ...														*									
	Lyons ...														*									
	Nice ...														*									
	Perpignan ...														*									
	Sanguinaire ...														*									
SOUTHERN EUROPE.	Corunna (7 a.m.) ...														*									
	Madrid (8 a.m.) ...														*									
	Lisbon (9 a.m.) ...														*									
	Gibraltar ...														*									
	Rome ...														*									
Azores (Horta, 8 a.m.) ...	1021.4	*	?	3	o	1021.6	*	*	*	WSW	2	*	c	1	*	*	*	*	*	*	*	*		
Madeira (Funchal) ...														*	*	*	*	*	*	*	*	*		

### RAINFALL.

Equivalents of Millimeters in Inches.

mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
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10	0.39	35	1.38
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22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97

1 Millimeter = 0.03937 inch.  
Rainfall amounts expressed in Millimeters may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 1.6 per cent.)

## RAINFALL.

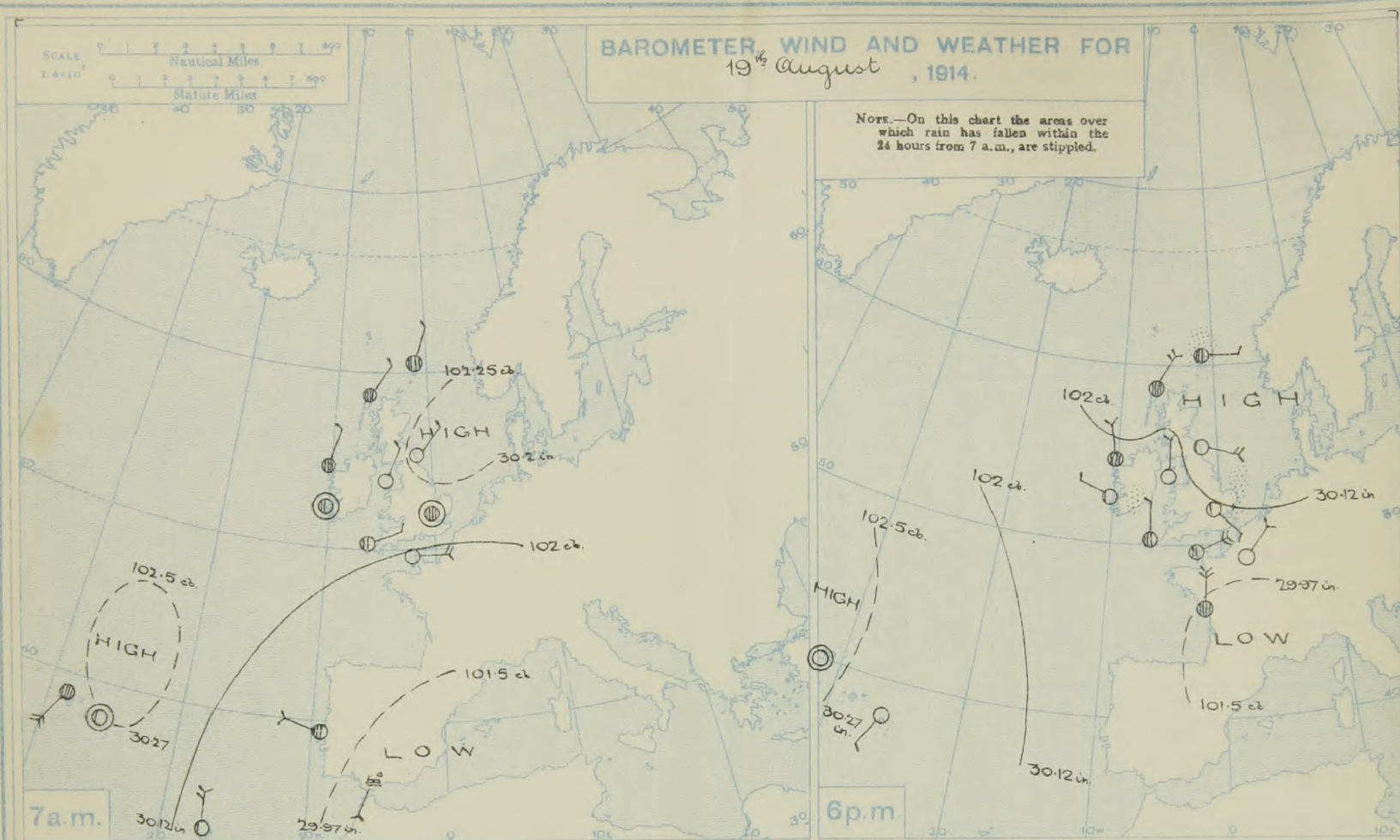
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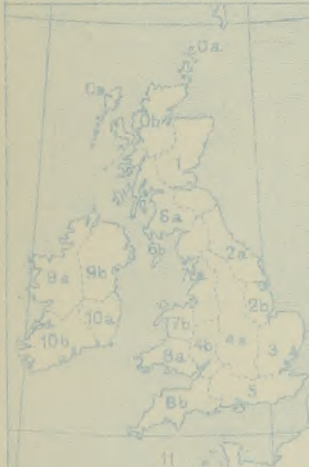
\* Information for these columns not usually received.

† Received too late for insertion in Charts.



FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday.

South Coast.

North Coast.

Signals hoisted this morning.

South Coast.

North Coast.

NO WARNINGS

ISSUED.

Western Channel and Bay. 11

FURTHER OUTLOOK.

Calms and light variable breezes; generally fair

to fine, mist or fog in many places; moderate temperature.

Millibars

1050

1040

1030

1020

1010

1000

990

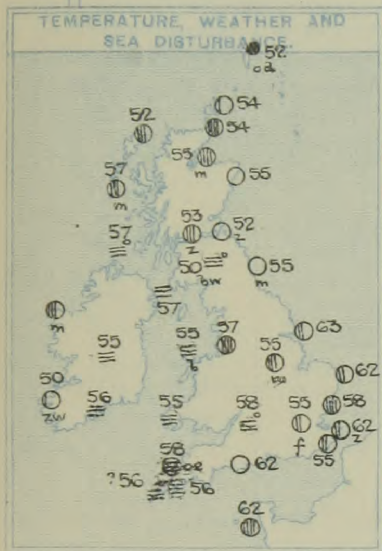
980

970

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

## GENERAL INFERENCE.

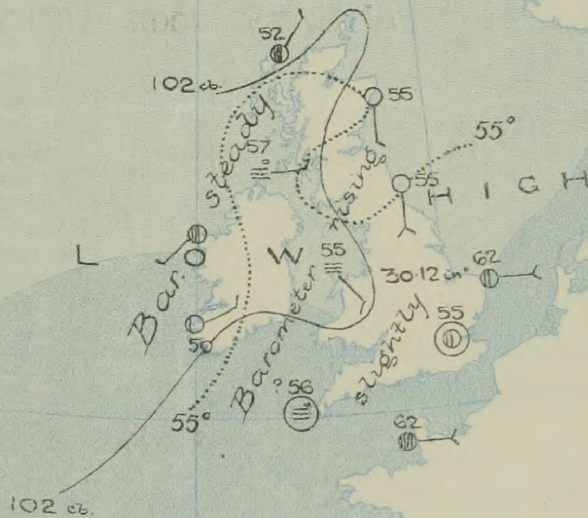
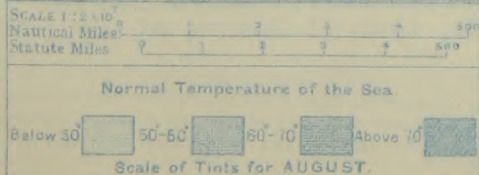
There are no indications of an important alteration in the general weather conditions.



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 & 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.		WRA- 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.	
					mb.	†		(0-12).							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.	
		mm. §	° F.	° F.			Hr.			mm. §	° F.	° F.			Hr.
Scotland.	Oban ...	...	...	...	...	...	...	England, S.E.	Tunbridge Wells ...	...	68	49	mo.c.	bc.o.c.	27
	Banff ...	...	58	50	o.c.	bc	33		Margate ...	...	63	56	c	bc	66
	Stonehaven ...	...	62	51	cg	bg	64		Ramsgate ...	...	64	53	b	b	60
	Carnoustie ...	...	62	52	*	*	61		Folkestone ...	...	66	56	o.	b.b.c.o.	24
	St. Andrews ...	...	65	52	o	b	65		Hythe ...	...	...	...	...	...	...
Eng., N.E.	Harrogate ...	...	65	49	bc	abc.b.	74	England, S.E.	Littlestone ...	...	68	53	o	abc.	42
	Scarborough ...	...	65	54	ab.	ab.	82		Hastings ...	...	67	56	c	c	18
	Skegness ...	...	66	52	ab.	b	75		Bexhill-on-Sea ...	...	67	51	o	bc.b.o.	23
Eng., N.W.	Douglas (I. of M.) ...	...	64	54	o	c	30		Eastbourne ...	...	67	51	o	bc.b.o.	25
	Morecambe ...	...	70	55	ab.	b	80		Seaford ...	...	67	49	ab.	b.o.	42
	Blackpool ...	...	66	52	mc.b.	ef	86		Brighton ...	...	66	51	o	o.c.	28
	Southport ...	...	69	51	cg.c.	cg.c.	60		Worthing ...	...	67	51	bc	bc	35
Midlands.	Buxton ...	...	63	50	bc	bc	24		Littlehampton ...	...	69	52	bc	bc	26
	Leamington Spa ...	...	69	54	bc	bc	78		Bognor ...	...	67	52	z	bc	28
	Malvern ...	...	70	53	b	bc	72		Southsea ...	...	70	53			ob
	Ross-on-Wye ...	...	63	50	uf.bcg	bc ou	35		Ryde ...	...	...	...	...	...	...
Wales.	Rhyl ...	...	70	47			34	England, S.W.	Ventnor ...	...	...	...	...	...	...
	Colwyn Bay ...	...	68	49	bc.b.	bc.	72		Bournemouth ...	...	67	51	o.c.	bc.m	47
	Llandudno ...	...	70	52	o	b	58		Weymouth ...	...	69	57	c.b.c.	bc	35
	Bettws-y-Coed ...	...	69	44			38		Exmouth ...	...	67	52	b	b	47
	Aberystwyth ...	...	67	53	o.c.b.	b.b.c.	102		Teignmouth to 9 p.m.	...	69	56	bc	bc	37
England, E.	Tenby ...	...	70	46	b	b.b.c.o.	85		Torquay ...	...	70	56	b	bc	31
	Swansea ...	...	70	?	b	bc.	76		Paignton ...	...	...	...	...	...	...
	Cromer ...	...	66	54	c	bc.	60		Plymouth ...	...	67	55	bc	cm	50
	Lowestoft ...	...	66	51	c.o.c.	c.b.c.	58		Falmouth ...	...	69	55	b	c.b.	96
	Felixstowe ...	...	66	50	c	c	39		Penzance ...	...	71	55	b	bc	97
	Walton-on-Naze ...	...	64	51	c.o.b.c.	bc.o.c.	47		Bude ...	...	69	48	bc.b.	bc	65
England, E.	Southend-on-Sea ...	...	68	54	bc	b	70		Ilfracombe ...	...	66	55	b	bc	80
									Weston-super-Mare ...	...	68	56	z.b.	bc	35

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
	%	%		Max.	Min.				
Greenwich (Royal Obs.) ...	53	64	33	71	51	49	mm. §	c.	c.b.c.
City (Bunhill Row) ...	*	*	18	69	52	48		o.b.c.	c.b.
Westminster (St. James's Pk.)	52	62	16	74	51	46		o.c.	c.o.
Camden Sq. (Brit. Rainfall)	54	75	23	67	53	44		c	c.b.m
Hampstead (Reservoir) ...	*	64	29						
Richmond Park ...	*	*	29						
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.)				947 Joules	18.4 Milliwatts.		560 Milliwatts.		

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

20th & 21st August, 1914.		Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.	
Yarmouth ...	11:45	11:56	7:18	
Greenwich ...	11:45	12:3	7:10	
Wick ...	11:47	12:5	7:45	
Valencia ...	11:49	12:15	7:42	
	5:34	12:44	7:56	
	5:36	12:44	7:53	

## NOTES ON YESTERDAY'S WEATHER.

Temperature touched 72° at South Kensington, and 71° at Oxford and Penzance, but in the extreme north it remained below 60°. The duration of bright sunshine was again very variable, from none at Deerness and Castlebay to 10 hours at Soilly and Aberystwyth, and 11 hours at Holyhead.

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.

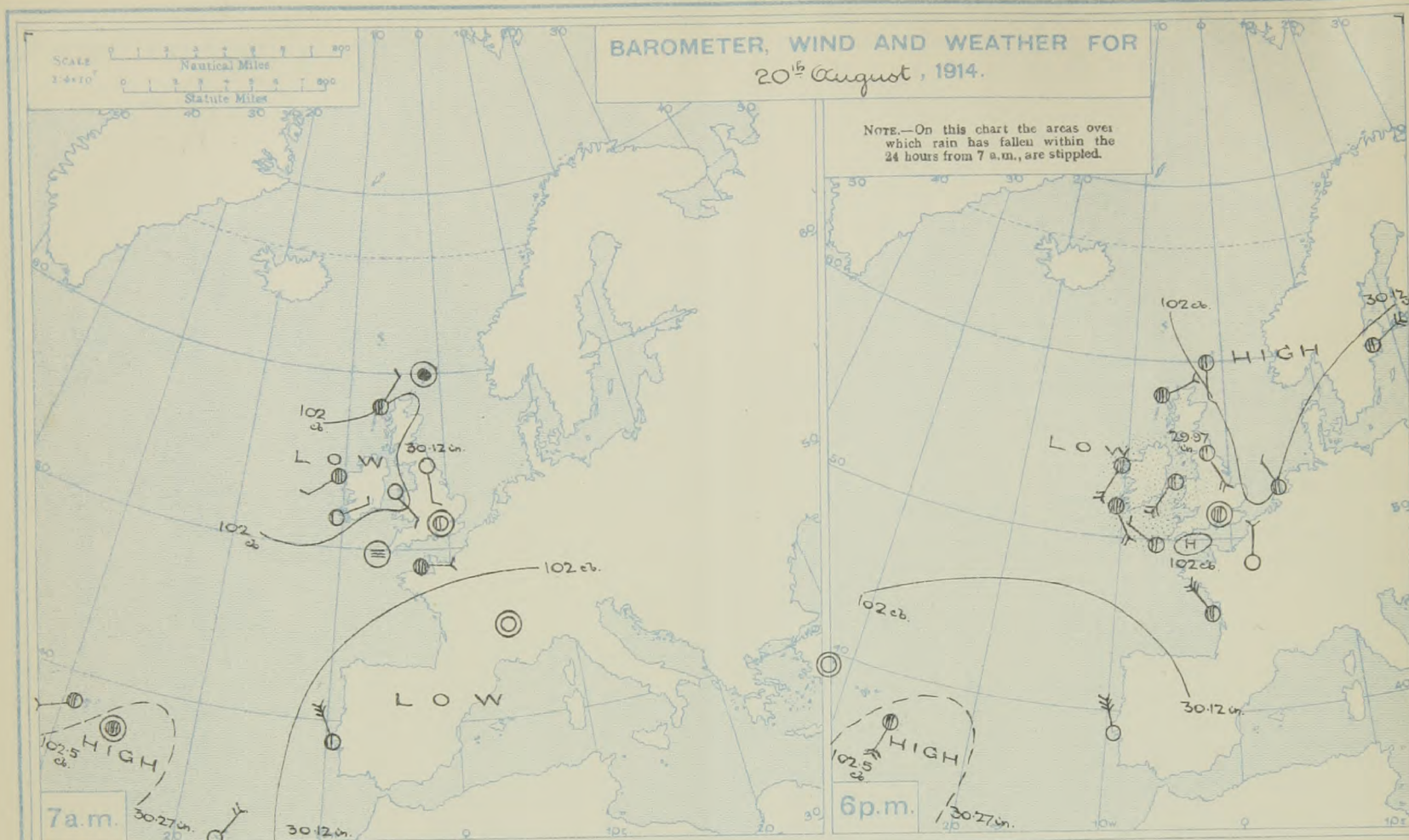
Friday,  
21st August, 1914.

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.						
				Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.				
BRITISH ISLANDS.	Deerness ...	1018.3	55	SSE	1	om	1016.9	*	54	0	S	1	-	f	1	-	58	49	bc.o	om.o	f	3.7			
	Lerwick ...	1020.3	56	S	1	bc	1018.5	-1	56	+4	SSE	3	-	om	2	0.3	56	51	om	bc	om	*			
	Stornoway ...	1017.8	57	ENE	2	o	1016.8	0	54	+2	N	1	-	bz	1	-	63	48	c	bc.o	bz	7.0			
	Castlebay (Barra Isd.)	1016.1	60	S	2	cm	1015.9	0	57	0	-	0	-	om	1	-	62	55	cm	cm	cm	5.5			
	Glasgow ...	1017.7	62	E	1	bz	1017.6	0	52	-1	SE	1	-	bz	*	trace	67	50	c.bz	cg. bz	cg. bz	3.0			
	Eskdalemuir ...	1017.8	64	WNW	1	bz	1018.4	0	51	+1	-	0	-	om	*	trace	68	46	bz	cg. bz	cg. bz	8.9			
	Malin Head ...	?	59	ESE	1	bc	1015.9	0	57	0	S	1	S	o	1	7	62	55	omr	bcmt	om	2.6			
	Blacksod Point	*	*	SSW	3	cu	*	*	*	*	WNW	3	*	bcp	3	*	*	*	cm.bv	bv	cp	*			
	Valencia ...	1016.6	60	SSE	3	om	1018.3	+2	58	+8	W	1	-	o	3	8	66	50	bc	omr	omr	6.6			
	Roche's Point	1018.8	62	SW	2	o	1018.7	*	59	+3	NE	1	NW	bc	2	1	65	53	f.c	om	cg. bc	*			
	Birr Castle ...	1017.1	66	S	1	c	1017.7	*	56	+1	SW	1	-	bc	*	3	72	54	b	bc	cg. bc	6.7			
	Donaghadee ...	1016.9	63	SSW	3	m	1016.1	+1	56	-1	SSW	3	S	cm	2	trace	69	55	f	bcm	cm. l. om	*			
	Liverpool (Bldston)	1018.3	64	-	0	o	1018.4	0	58	+1	SSW	1	-	b	0	-	68	56	om	bc	bm	1.0			
	Holyhead ...	1018.4	63	SW	4	bcm	1018.1	0	60	+5	SW	3	SW	cg	2	trace	69	55	bf. bcm	bc. b. bc	bc. b. bc	7.6			
	Pembroke (St. Ann's)	1019.7	62	SW	1	bc	1019.5	-1	56	+1	-	0	W	cp	1	11	66	55	bm	bc	b	8.1			
	Newquay ...	1019.5	63	W	1	bc	1019.3	0	63	+5	-	0	-	bz	1	-	67	54	cg. bf	bz. bc	bz	8.5			
	Scilly (St. Mary's)	1019.8	64	WNW	1	bc	1019.4	-1	60	+4	SW	2	SW	om	2	1	68	56	bm	bm	bc. om	9.8			
	Jersey (St. Aubin)	1019.7	66	N	3	b	*	*	62	0	SW	2	SW	cg	*	*	*	*	*	*	*	*	*		
	Portland Bill ...	1020.2	62	S	1	bc	1020.3	+1	61	-1	SW	1	SW	bc	1	-	67	60	bc	bc	bc	*			
	Dungeness ...	1019.8	65	SSW	1	c	1019.8	0	54	-1	N	1	N	bc	1	-	68	50	bc. c	c	c. bcm	*			
	Dover ...	1019.6	64	NE	1	bc	1020.0	0	58	-4	NE	1	-	f	1	0.2	69	50	z. bc. c	c. bc	b. bc	5.0			
	Wick ...	1018.1	56	SSE	1	m	1017.1	0	51	-3	-	0	-	fe	1	0.1	58	50	om. bm	bcm	om. fe	*			
	Nairn ...	1017.3	60	-	0	cm	1017.1	*	53	-2	-	0	-	m	1	1	63	51	c. bz	bcm. gp	m	2.4			
	Aberdeen ...	1018.5	59	S	3	b	1017.7	0	57	+2	S	2	-	o	2	-	64	54	bz	bz	bm. o	10.0			
Leith ...	1018.6	61	NE	1	o	1017.7	0	54	+2	-	0	-	m	*	-	63	48	cg	cg	cg	*				
Tynemouth ...	1019.4	60	SSE	3	bc	1018.0	0	55	0	WNW	2	-	m	2	-	62	53	bcm	bcm	om	*				
Spurn Head ...	1019.8	61	SE	4	c	1018.8	0	59	-4	S	2	-	o	1	2	68	57	c	c	c. of	7.4				
Yarmouth ...	1020.0	63	ESE	2	b	1019.7	0	59	-3	S	2	-	c	0	-	66	54	bc	bc. c	bc	2.4				
Clacton-on-Sea ...	1019.6	64	ESE	2	o	1019.0	0	60	+2	WSW	1	W	cm	1	-	68	58	o. c	c. o	o. cm	3.6				
Nottingham ...	1018.7	65	SSE	1	c	1018.8	*	54	-1	WSW	1	W	om	*	2	72	53	cg	cg	cg	4.7				
Bath ...	1018.9	69	WSW	1	c	1020.0	*	57	-1	W	1	-	m	*	-	72	52	m. bz	bc. cg	z. bcm	9.5				
London (New Obsy.)	1019.1	68	-	0	cg	1019.8	0	58	+3	SW	1	W	cm	*	-	72	53	b. bz	bz. cg	bc. om	4.6				
Falmouth ...	1019.9	65	NW	1	b	1020.3	0	60	+4	NW	1	*	o	2	-	71	54	*	*	*	8.0				
RAINFALL. Equivalents of Millimeters in Inches.																									
mm.		Inches.		mm.		Inches.		mm.		Inches.		mm.		Inches.		mm.		Inches.		mm.		Inches.			
1	0.04	26	1.02	2	0.08	27	1.06	3	0.12	28	1.10	4	0.16	29	1.14	5	0.20	30	1.18	6	0.24	31	1.22		
7	0.28	32	1.26	8	0.32	33	1.30	9	0.35	34	1.34	10	0.39	35	1.38	11	0.43	36	1.42	12	0.47	37	1.46		
13	0.51	38	1.50	14	0.55	39	1.54	15	0.59	40	1.58	16	0.63	41	1.61	17	0.67	42	1.65	18	0.71	43	1.69		
19	0.75	44	1.73	20	0.79	45	1.77	21	0.83	46	1.81	22	0.87	47	1.85	23	0.91	48	1.89	24	0.95	49	1.93		
25	0.98	50	1.97																						
1 Millimeter = 0.03937 inch. Rainfall amounts expressed in Millimeters may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 1.8 per cent.)																									
NORTHERN EUROPE.	Vardö ...																								
	Bodö ...																								
	Christiansund																								
	Skudesnaes ..																								
	Færder (X'ania Fjorð)																								
CENTRAL EUROPE.	The Scaw (Skagen)																								
	Blaavands Huk																								
	Haparanda ...																								
	Hernösand ...																								
	Stockholm ...	1019.9	55	ENE	4	bc																			
FRANCE.	Wisby ...																								
	Karlstad ...																								
	St. Petersburg																								
	Berlin ...																								
	Frankfurt ...																								
SOUTHERN EUROPE.	Munich ...																								
	Vienna ...																								
	Cuxhaven ...																								
	The Helder ...	1019.9	63	NW	1	c																			
	Brussels ...	*	*	*	*	*																			
	C. Gris Nez ...																								
	La Hève ...																								
	Ushant ...																								
	Brest (St. Mathieu)																								
	Rochefort (Ile d'Aix)	1019.4	68	NW	5	c																			
	Biarritz ...																								
	Paris ...	1018.1	70	N	2	b																			
	Belfort ...																								
	Lyons ...																								
	Nice ...																								
	Perpignan ...																								
	Sanguinaire ...	*																							
	Corunna (7 a.m.) ...																								
	Madrid (8 a.m.) ...																								
	Lisbon (9 a.m.) ...	1020.3	72	NNW	6	b	1022.3	0	64	0	NNW	4	-	b	5	-	71	63							
	Gibraltar ...																								
	Rome ...																								
	Azores (Horta, 8 a.m.)	1024.8	*	SW	4	b	1022.5	*	*	*	SW	4	*	bc	2	*	*	*							
	Madeira (Funchal)																								

\* Information for these columns not usually received.

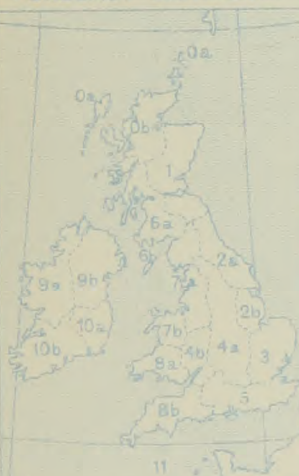
† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.



FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday.

South Coast.  
North Coast.

Signals hoisted this morning.

South Coast.  
North Coast.

NO WARNINGS

ISSUED.

Calms and light variable breezes; generally fair to fine,  
slight local passing showers, some mist or fog at times;  
moderate temperature.

Western Channel and Bay 11

FURTHER OUTLOOK.

Millibars

1050

1040

1030

1020

1010

1000

990

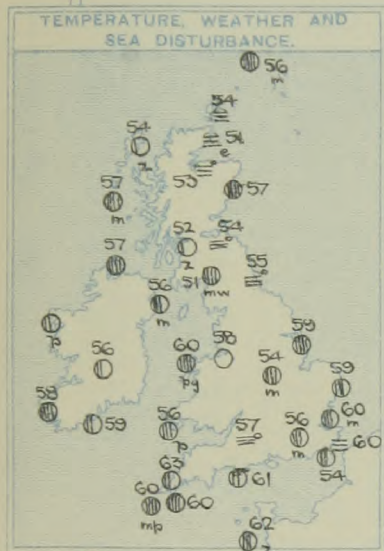
980

970

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

## GENERAL INFERENCE.

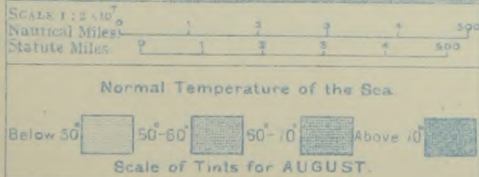
The barometer is now stationary, and a very quiet type of weather is likely to prevail during the ensuing twenty-four hours.



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 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.	
					mb.	±		(0-12).							mb.	±		(0-12).	

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

STATIONS.		Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall. mm. §	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban ...	...	64	50	c	c	0.0	England, S.E.	Tunbridge Wells ...	...	73	49	bc-c.	bc-m	5.3
	Banff ...	...	65	43	bz-c.	gcy	3.0		Margate ...	...	68	59	b	cy	4.7
	Stonehaven ...	...	62	46	bz	gcy	1.0		Ramsgate ...	...	67	56	b	b	6.6
	Carnoustie ...	...	63	49	*	*	9.3		Folkestone ...	...	68	54	b.o.	c	4.8
	St. Andrews ...	...	66	47	*	*	6.2		Hythe ...	...	...	...	...	...	...
Eng. N.E.	Harrogate ...	...	67	49	bc-b.	bc-o.	6.0	England, S.W.	Littlestone ...	...	68	52	bc-b.	b	6.3
	Scarborough ...	...	67	54	c.b.	c.b.	8.4		Hastings ...	...	70	54	b	bc	7.8
	Skegness ...	...	69	59	bc-b.	bc	8.6		Bexhill-on-Sea ...	...	69	52	b-bc	b-bc	7.3
Eng. N.W.	Douglas (I. of M.) ...	...	70	54	b	b	8.5		Eastbourne ...	...	69	52	b	b	8.1
	Morecambe ...	...	70	53	bc	bc	6.3		Seaford ...	...	68	52	c	c	6.0
	Blackpool ...	...	68	52	bc	bc	5.4		Brighton ...	...	69	50	bc	bc	5.6
	Southport ...	...	69	49	bc	bc	3.0		Worthing ...	...	69	51	b	b	8.8
Midlands.	Buxton ...	...	66	46	bc-o.	c.	2.8		Littlehampton ...	...	68	50	b	b	9.1
	Leamington Spa ...	...	69	49	bc	bc	6.0	England, S.W.	Bognor ...	...	70	49	b	b	10.5
	Malvern ...	0.3	69	55	bc	bc	3.7		Weymouth ...	...	71	52	bc-b.	b-bc	9.2
	Ross-on-Wye ...	...	72	60	bc	bc	7.5		Exmouth ...	...	66	53	b	b	8.0
Wales.	Rhyl ...	...	67	55	bc	bc	4.2		Teignmouth to 9 p.m.	...	69	53	b	b	10.9
	Colwyn Bay ...	...	66	55	bc	bc	3.0		Torquay ...	...	71	50	bc-b.	bc	10.6
	Llandudno ...	...	70	57	bc	bc	5.2		Paignton ...	...	69	50	c.b.	bc	10.5
	Bettws-y-Coed ...	...	74	44	bc	bc	8.8		Plymouth ...	...	71	53	f.b.	bc	7.8
	Aberystwyth ...	...	67	54	bc	bc	10.7		Penzance ...	...	70	54	f.b.	b	6.5
England, E.	Tenby ...	...	74	50	bc	bc	9.3		Bude ...	...	63	50	b	b	10.0
	Swansea ...	...	70	50	bc	bc	6.8		Ilfracombe ...	...	66	56	bc-b.	bc-b.	8.0
	Cromer ...	...	65	55	c-b.	c	1.7		Weston-super-Mare ...	...	70	55	bc-b.	bc-b.	10.5
	Lowestoft ...	...	65	59	c-b.	c	2.9								
	Felixstowe ...	...	68	52	c	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.	Max.		Fore- noon.	After- noon.	Night.
	%	%		Max.	Min.	Max.		24 HOURS ENDED 9 A.M. TO-DAY.		
Greenwich (Royal Obs.) ...	55	64	3.5	72	51	43	...	bc-c.	o	o.c.m.b.
City (Banhill Row) ...	...	...	0.0	...	...	...	...	...	...	...
Westminster (St. James's Pl.)	57	75	1.7	70	54	48	...	bc-c.	c	c.
Camden Sq. (Brit. Rainfall)	60	77	1.2	70	53	49	...	bc-m	3	*
Hampstead (Reservoir) ...	...	78	2.1	68	53	47	...	bc	0	0
Richmond Park ...	...	...	5.1	...	...	...	...	...	...	...
Kew. (See front page.)	...	...	...	...	...	...	...	...	...	...
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
S. Kensington (Roof of M.O.)	55	76	2.2	Total.	Average Rate.	Max. Rate.	...	...	...	...
				933 Joules	18.1 Milliwatts.	48.0 Milliwatts.	...	...	...	...

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

21st & 22nd August, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	6.45	12.56	7.46
Greenwich ...	6.48	12.53	7.40
Wick ...	6.58	12.5	7.8
Valencia ...	6.51	12.15	7.42
	6.56	12.15	7.40
	6.58	12.44	7.53
	6.58	12.44	7.51

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.

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.			Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.				
Dublin to 4 p.m.	...	...	...	...	...	...	...
Darwen to 9 p.m.	...	67	51	49	o-bc.	bc	bc-gy 1.7
Manchester "	...	...	...	...	...	...	...
Birmingham "	...	69	52	38	...	...	6.3
Oxford to 8 p.m.	...	70	50	44	c-bc.	bc-c	...
S. Kensington (Museum Grounds to 6 p.m.)	...	71	54	43	bc-bm	bc-o.	o.c.

## NOTES ON YESTERDAY'S WEATHER.

Temperature touched 74° at Bettws-y-Coed and Tenby, and 70° to 73° in several other neighbourhoods. Rain has fallen at isolated stations, slight as a rule, but from 7 to 11 millimetres (0.3 to 0.4 inch) locally in the west. Oban had no bright sunshine, the records elsewhere ranging upward to 11 hours at Torquay.

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.

Saturday,  
22nd August, 1914.

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.			
				Force 0-12.			Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb.	Change in 24 hours.	Force 0-12.						Max. °F	Min. °F	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Deerness ...	1015.9	56	SSE	1	om	1014.9	*	54	0	SSE	1	-	f	3	-	57	54	f	fm o	om f	0.0
	Lerwick ...	1017.3	57	SSE	3	om	1016.1	-1	55	-1	SE	1	-	o	1	-	57	54	om	om	om	*
	Stornoway ...	1015.7	55	E	1	om	1014.8	-1	56	+2	SW	1	-	om	1	2	65	53	by	b om t	od pm	5.4
	Castlebay (Barra Isd.)	1014.9	54	WNW	2	of	1014.8	0	56	-1	ESE	1	SE	c	2	-	62	54	com of	of	of om c	0.2
	Glasgow ...	1016.1	60	SSW	1	o	1017.0	0	54	+2	-	0	-	oz	*	2	64	51	bc. oz	opt	o. oz oz	0.1
	Eskdalemuir ...	1016.6	58	S	2	o	1018.4	0	46	-5	N	1	-	fw	*	trace	62	43	omw	o	clw	0.3
	Malin Head ...	1015.9	60	W	4	bc	1015.5	-3	52	-5	SSW	3	W	bc	2	3	63	51	bcp	bc	bcp	5.6
	Blacksod Point	*	*	WNW	3	bcp	*	*	*	*	S	4	*	ev	3	*	*	*	bcp	bc	emp	*
	Valencia ...	1018.6	61	W	2	br	1012.2	-6	57	-1	SSE	5	-	mv	4	7	66	55	bc	br	omr	9.2
	Roche's Point	1018.8	67	S	1	bc	1016.7	*	60	+1	SSW	3	-	r	3	1	67	56	cg	b	bcb. or	*
	Birr Castle ...	1017.8	66	NW	1	b	1015.6	*	56	0	SE	1	-	o	*	1	68	50	cp	c.b.	c.o.	9.0
	Donaghadee ...	1016.1	59	NE	2	bc	1016.1	-1	55	-1	SE	2	SE	bc	1	1	67	51	bemt	bc	cgt. bc	*
	Liverpool (Bidston)	1017.4	64	WSW	1	bc	1017.8	0	55	-3	SE	1	-	b	1	1	66	53	bcp	p.b.	b	5.2
	Holyhead ...	1017.7	63	SW	3	b	1017.6	-1	60	0	SSW	3	W	bcg	2	0.2	68	57	op. cp c	c. bc. b	b. w. bc	8.4
	Pembroke (St. Ann's)	1019.9	62	WSW	1	bc	1018.1	0	60	+4	W	2	W	c	2	1	61	55	c	bc	b	0.8
	Newquay ...	1018.6	63	W	1	b	1018.8	0	60	-3	SSW	1	-	o	1	-	67	54	bz. bc	c. br	bc. c	7.4
	Scilly (St. Mary's)	1019.3	63	W	1	c	1018.8	0	59	-1	W	1	-	cv	2	1	67	55	bcp	c	b. w. w	2.7
	Jersey (St. Aubin)	1019.9	66	W	2	b	1020.2	*	64	+2	NW	1	-	bcg	2	-	67	59	bc	bc	b. bc.	*
	Portland Bill ...	1017.8	62	SW	3	bc	1020.0	+1	60	-1	WSW	1	-	bc	2	-	67	59	bc. c	bc. c	bc.	*
	Dungeness ...	1018.5	64	SW	3	o	1019.3	0	60	+6	WNW	2	NW	bc	2	-	68	51	bc. c	bc. c	bc.	*
	Dover ...	1018.3	62	WSW	3	o	1019.0	+2	63	+5	-	0	-	b	2	3	68	54	f. c. bc	bc. cp. r. bc. bc	bc. bc	6.9
	Wick ...	1015.7	56	SSE	1	m	1015.0	0	55	+4	SSE	1	-	o	1	1	57	50	f	f. om	om	*
	Nairn ...	1014.4	58	E	1	cm	1015.0	*	54	+1	-	0	-	bcw	0	1	61	46	tlm	mp	m	0.2
	Aberdeen ...	1015.9	56	NE	2	f	1015.9	+1	50	-7	-	0	-	f	2	trace	60	50	om	om f	ofe	0.0
	Leith ...	1016.1	62	W	1	c	1016.4	+1	55	+1	W	1	W	bcg	*	2	67	53	m. or	opt	bc. b.	*
Tynemouth ...	1017.0	63	NW	2	cm	1017.6	+1	55	0	NW	2	NW	bm	2	-	67	52	bem	bem	bem	?	
Spurn Head ...	1017.5	64	N	2	c	1017.5	0	56	-3	WNW	3	-	bem	4	2	68	54	f	opt. c	of	1.1	
Yarmouth ...	1016.5	66	N	2	otl	1018.6	0	55	-4	W	1	-	bm	1	0.1	72	50	c	c. otlr	bcbm	3.4	
Clacton-on-Sea	1016.7	65	SSW	4	cy	1018.4	+1	57	-3	NNW	1	-	bcg	1	1	71	52	c. ogm	c. opt. c.	clt. bz.	4.2	
Nottingham ...	1017.1	63	WNW	3	cy	1019.2	*	48	-6	W	1	-	f	*	0.1	70	47	om. b.	bm. c.	cp. b.	4.7	
Bath ...	1018.3	69	W	1	bc	1019.6	*	55	-2	N	1	-	m	*	-	72	51	m. o. bc	c. bc. b	bcbm	7.1	
London (Kew Obsy.)	1017.9	65	WSW	1	c	1019.5	+1	54	-4	SW	1	-	fw	*	2	72	52	bm. c. b	b. or. c.	clt. bm. f. w	7.9	
Falmouth ...	1018.9	65	SW	2	bc	1019.6	0	57	-3	SW	1	*	o	2	-	69	53	*	*	*	5.5	
NORTHERN EUROPE.	Vardö ...															*						
	Bodö ...															*						
	Chistiansund ...															*						
	Skudeshaes ...															*						
	Færder (X'ania Fjord)															*						
	The Scaw (Skagen)															*						
	Blaavands Huk															*						
	Haparanda ...															*						
	Hernösand ...															*						
	Stockholm ...															*						
CENTRAL EUROPE.	Wisby ...															*						
	Karlstad ...															*						
	St. Petersburg															*						
	Berlin ...															*						
	Frankfurt ...															*						
	Munich ...															*						
FRANCE.	Vienna ...															*						
	Cuxhaven ...															*						
	The Helder ...															*						
	Brussels ...															*						
	C. Gris Nez ...															*						
	La Heve ...															*						
	Ushant ...															*						
	Brest (St. Mathieu)															*						
	Rochefort (Ile d'Aix)															*						
	Biarritz ...															*						
SOUTHERN EUROPE.	Paris ...															*						
	Belfort ...															*						
	Lyons ...															*						
	Nice ...															*						
	Perpignan ...															*						
	Sanguinaire ...															*						
	Corunna (7 a.m.) ...															*						
	Madrid (8 a.m.) ...															*						
Lisbon (9 a.m.) ...															*							
Gibraltar ...															*							
Rome ...															*							
Azores (Horta, 8 a.m.)	1023.5	*	S	4	c	1019.7	*	*	*	SW	4	*	o	3	*	*	*	*	*	*	*	*
Madeira (Funchal)	1023.0	73	NE	3	b	1022.0	0	64	-4	NE	3	N	bc	3	-	77	64	*	*	*	*	

### 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	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97

1 Millimeter = 0.03937 inch.  
Rainfall amounts expressed in Millimeters may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 16 per cent.)

## RAINFALL.

Equivalents of Millimeters  
in inches.

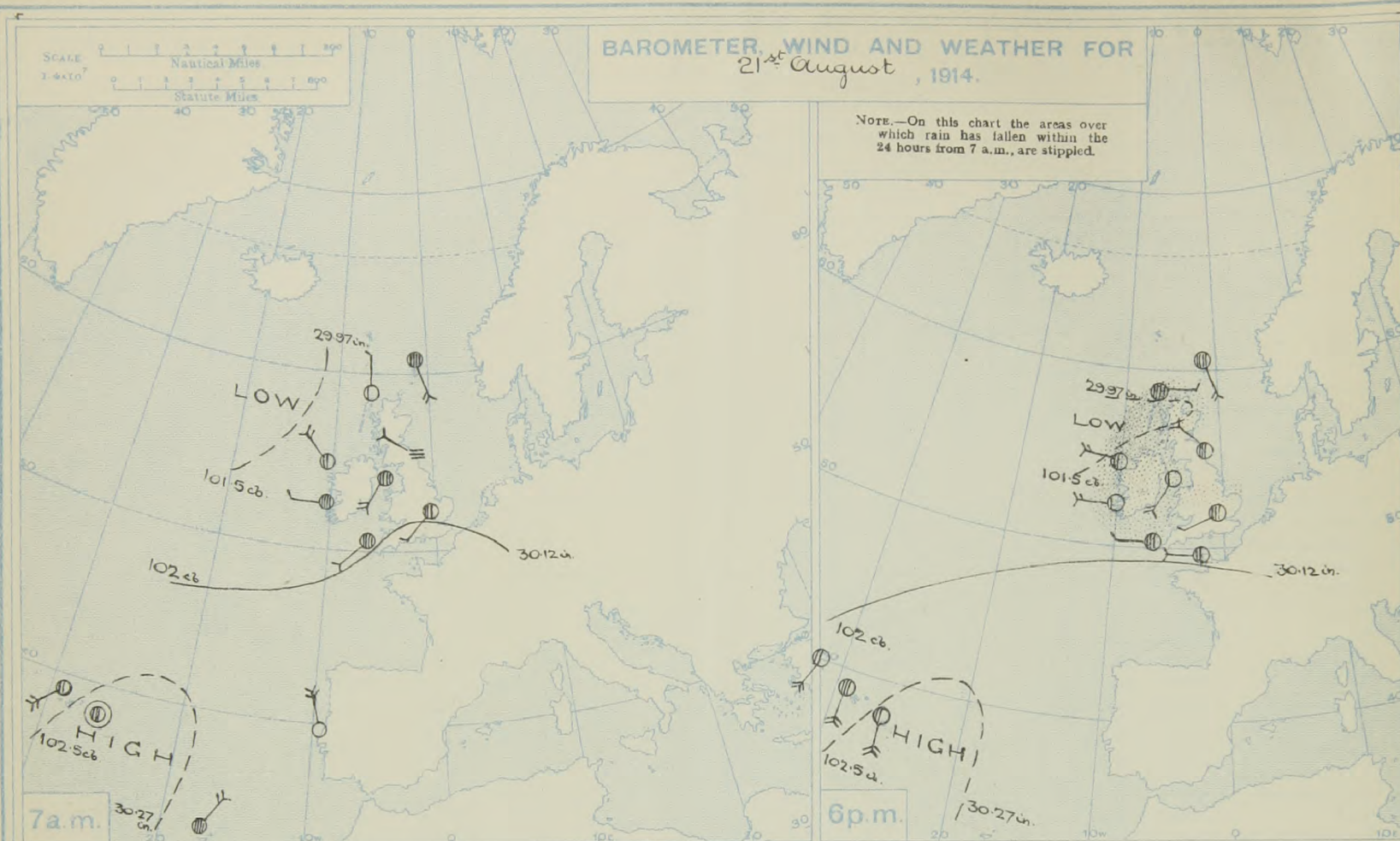
mm.	Inches.	mm.	Inches.
1	0.04	26	1.02
2	0.08	27	1.06
3	0.12	28	1.10
4	0.16	29	1.14
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7	0.28	32	1.26
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11	0.43	36	1.42
12	0.47	37	1.46
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15	0.59	40	1.58
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17	0.67	42	1.65
18	0.71	43	1.69
19	0.75	44	1.73
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24	0.95	49	1.93
25	0.98	50	1.97

1 Millimeter = 0.03937 inch.  
Rainfall amounts expressed in  
Millimeters may therefore be  
converted approximately to  
Hundredths inch by multiplying  
by 4. (Error 1.6 per cent.)

\* 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 TWENTY-FOUR 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  | a | Calms and light variable airs, then freshening South-Easterly; fair to fine at first, with local mist or fog, some rain later; cooler, air close.       |
|    | b |   |
| 1  |   | Light variable Westerly breezes, backing Southerly and increasing; fair to fine at first, then less settled, some rain, mist or fog; cooler, air close. |
| 2  | a |   |
|    | b | Same as Nos. 0 and 1.   |
| 3  |   |   |
| 4  | a | Same as Nos. 2 to 5.  |
|    | b |   |
| 5  |   | Increasing Southerly and South-Westerly winds; unsettled, some rain, mist or fog; cooler, close air.  |
| 6  | a |   |
|    | b |   |
| 7  |   |   |
| 8  | a |   |
|    | b |   |
| 9  |   |   |
| 10 | a |   |
|    | b |   |

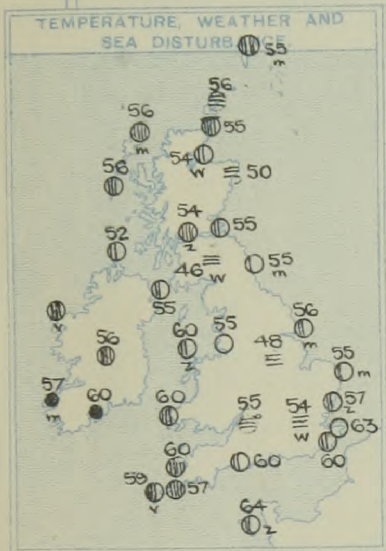
Western Channel and Bay. 11

FURTHER OUTLOOK.

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

## GENERAL INFERENCE.

A depression approaching Kerry will bring about a Southerly type of weather over the country, with less settled conditions.

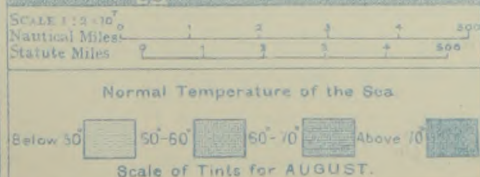


Inches.

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 1/2 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.		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.	
					mb.	†		(0-12).							mb.	†		(0-12).	

## 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 ...	...	...	...	...	...	...	...	Tunbridge Wells ...	...	...	...	...	...	...	...
	Banff ...	...	...	...	...	...	...	...	Margate ...	...	...	...	...	...	...	...
	Stonehaven ...	...	...	...	...	...	...	...	Ramsgate ...	...	...	...	...	...	...	...
	Carnoustie ...	...	...	...	...	...	...	...	Folkestone ...	...	...	...	...	...	...	...
	St. Andrews ...	...	...	...	...	...	...	...	Hythe ...	...	...	...	...	...	...	...
Eng. N.E.	Harrogate ...	...	...	...	...	...	...	...	Littlestone ...	...	...	...	...	...	...	...
	Scarborough ...	...	...	...	...	...	...	...	Hastings ...	...	...	...	...	...	...	...
	Skegness ...	25	...	...	...	...	...	...	Bexhill-on-Sea ...	...	...	...	...	...	...	...
Eng. N.W.	Douglas (I. of M.) ...	0.3	...	...	...	...	...	...	Eastbourne ...	...	...	...	...	...	...	...
	Morecambe ...	...	...	...	...	...	...	...	Seaford ...	...	...	...	...	...	...	...
	Blackpool ...	...	...	...	...	...	...	...	Brighton ...	...	...	...	...	...	...	...
Midlands.	Southport ...	...	...	...	...	...	...	...	Worthing ...	...	...	...	...	...	...	...
	Buxton ...	...	...	...	...	...	...	...	Littlehampton ...	...	...	...	...	...	...	...
	Leamington Spa ...	3	...	...	...	...	...	...	Bognor ...	...	...	...	...	...	...	...
	Malvern ...	6	...	...	...	...	...	...	Southsea ...	...	...	...	...	...	...	...
	Ross-on-Wye ...	0.3	...	...	...	...	...	...	Ryde ...	...	...	...	...	...	...	...
Wales.	Rhyl ...	5	...	...	...	...	...	...	Ventnor ...	...	...	...	...	...	...	...
	Colwyn Bay ...	4	...	...	...	...	...	...	Bournemouth ...	...	...	...	...	...	...	...
	Llandudno ...	2	...	...	...	...	...	...	Weymouth ...	...	...	...	...	...	...	...
	Bettws-y-Coed ...	3	...	...	...	...	...	...	Exmouth ...	...	...	...	...	...	...	...
	Aberystwyth ...	...	...	...	...	...	...	...	Teignmouth to 9 p.m. ...	...	...	...	...	...	...	...
England.	Tenby ...	6	...	...	...	...	...	...	Torquay ...	...	...	...	...	...	...	...
	Swansea ...	...	...	...	...	...	...	...	Paignton ...	...	...	...	...	...	...	...
	Cromer ...	...	...	...	...	...	...	...	Plymouth ...	...	...	...	...	...	...	...
	Lowestoft ...	...	...	...	...	...	...	...	Falmouth ...	...	...	...	...	...	...	...
	Felixstowe ...	0.3	...	...	...	...	...	...	Penzance ...	...	...	...	...	...	...	...
England.	Walton-on-Naze ...	0.3	...	...	...	...	...	...	Bude ...	...	...	...	...	...	...	...
	Southend-on-Sea ...	...	...	...	...	...	...	...	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.
				Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.										
	%	%	Hr.	° F.	° F.	° F.	mm.‡			
Greenwich (Royal Obsy.) ...	46	70	8.5	77	51	42	-	b.b.	b.	b.b.
City (Bunhill Row) ...	*	*	6.3	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	57	73		74	53	47	-	b.	b.	b.
Camden Sq. (Brit. Rainfall)	48	79	7.9	78	52	48	-	b.b.	b.	*
Hampstead (Reservoir) ...	*	77		73	51	43	-	b.	b.	b.m.b.
Richmond Park ...	*	*	7.4	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Gaissher screens.)										
S. Kensington (Roof of M.O.)	58	78	7.9	Total. 71481 Joules		Average Rate. 289 Milli-watts.		Max. Rate. 7620 Milli-watts.		

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
	mm.‡	° F.	F.	° F.				Hr.
Dublin to 4 p.m.								*
Darwen to 9 p.m.	0.3	68	51	50	b.c.w.	b.c.u.	b.c.t	5.1
Manchester "								
Birmingham "	-	70	53	40	c	c	c	5.8
Oxford to 8 p.m.	*	72	53	47	c.y.o	a.b.c.b.	b.b.c.b.	*
S. Kensington (Museum Grounds to 6 p.m.)	-	75	55	47	c.b.c.b.	b.b.c.c	c.d.c.p	*

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

22nd & 23rd August, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.48 4.50 4.58	G.M.T. 11.56 11.56 12.3	G.M.T. 7.2 7.2 7.8
Greenwich ...	4.51 4.53 4.58	12.3 12.3 12.5	7.4 7.4 7.7
Wick ...	4.51 4.53 4.58	12.3 12.3 12.5	7.4 7.4 7.7
Valencia ...	5.40 5.40 5.40	12.44 12.44 12.44	7.49 7.49 7.49

## NOTES ON YESTERDAY'S WEATHER.

Temperature touched 75° in London, 74° at Bettws-y-Coed and Cromer, and nearly as high at a number of other stations in England. Rain fell in many places, mostly in light showers, but at Skegness there was a heavy fall of 25 millimetres (1 inch). Thunderstorms occurred in many localities. In various parts of Scotland there was little or no bright sunshine, elsewhere the records ranged up to 9½ hr. at Pembroke.

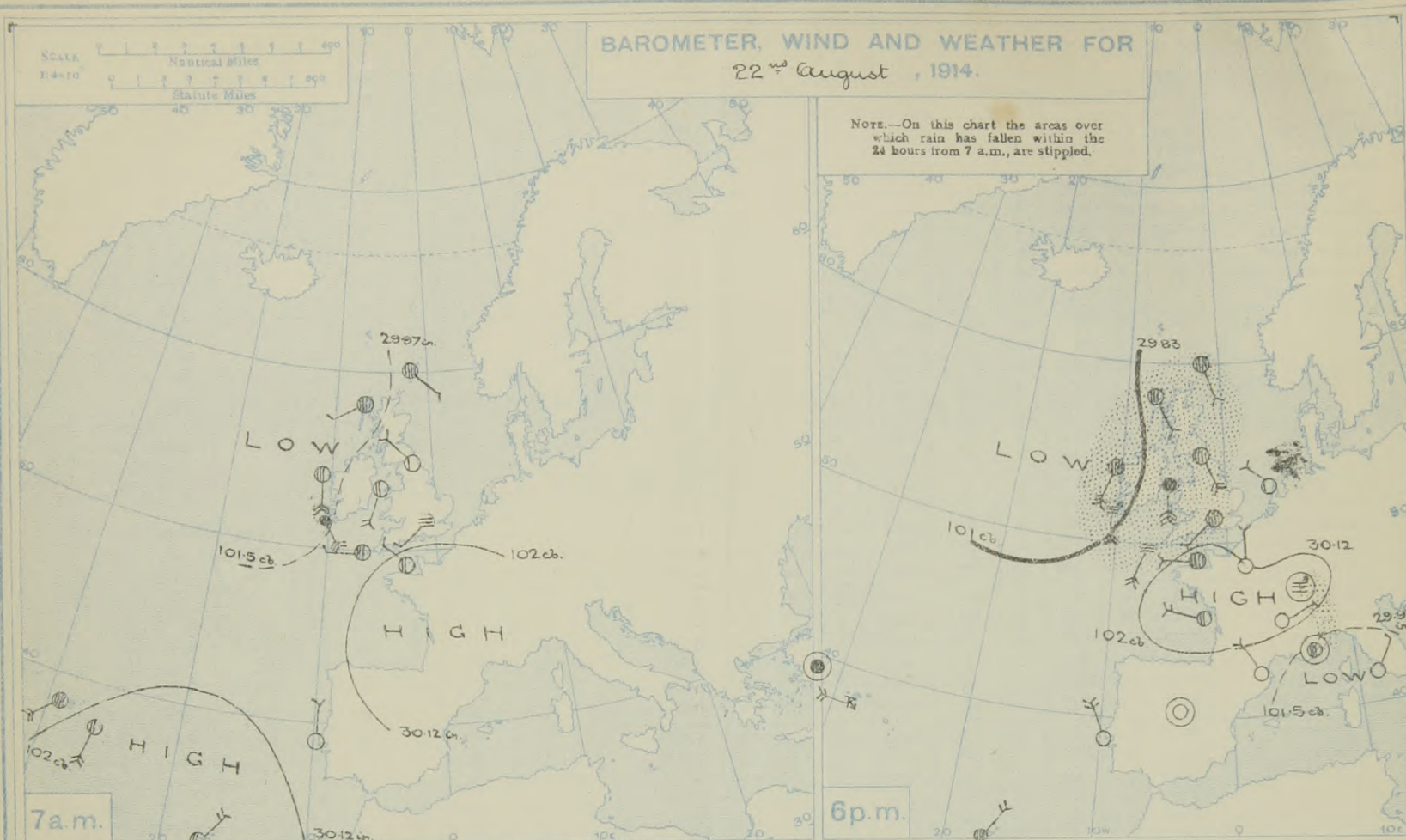
NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; i, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain;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

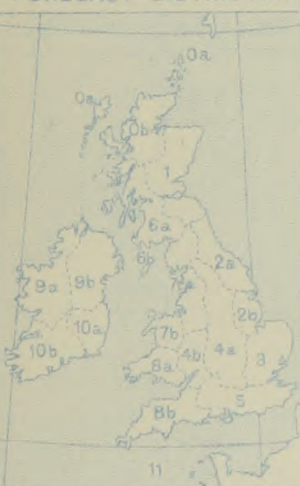
Sunday,  
23rd August, 1914.

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.	Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours.	Temp. °F.	WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Force 0-12.	Dir.							Force 0-12.	Dir.					Max. °F.	Min. °F.	Morning.	Afternoon.		Night.
BRITISH ISLANDS.	Deerness	1013.2	54	SSE	3	f	1005.1	*	55	+1	SSE	3	S	oqr.	3	-	56	52	f.m.	m.f.	f.oq.	0.0	
	Lerwick	1014.9	57	SSE	2	om	1008.2	-6	57	+2	SSE	4	-	op	3	0.1	58	55	om	om	o.c.	*	
	Stornoway	1010.7	60	SSE	2	c	1002.9	-1	58	+2	S	4	-	op	4	5	64	55	o.c	c	c.op	4.5	
	Castlehay (Barra Isd.)	1007.4	59	SE	5	op	1002.4	-1	59	+3	SW	5	-	dpm	5	10	61	56	c.o	op	op.p.m.	0.3	
	Glasgow	1013.5	63	SSW	3	o	1006.7	-2	63	+9	SSW	4	-	c	*	5	68	54	c.be	c.o	op.p.m.	5.5	
	Eskdalemuir	1014.5	59	SSW	3	o	1009.7	0	59	+13	S	4	-	adm	*	8	64	45	fw.o.be	o	adm	4.7	
	Malin Head	1007.6	59	SE	6	o	1004.9	+1	62	+10	SW	4	-	r	3	10	62	52	cmq	ogq	omr	0.9	
	Blacksod Point	*	*	SSW	5	omp	*	*	*	*	SW	5	*	cm	4	*	*	*	omp	omp	of.cm	*	
	Valencia	?	64	S	4	om	1009.8	+2	61	+4	S	3	-	om	4	11	65	57	omr	om	om	0.0	
	Roche's Point	1013.1	62	SSW	4	f	1012.4	*	62	+2	SW	2	SW	c	3	12	64	57	mr.fd	fd	fd.f.c.	*	
	Birr Castle	1010.6	65	SSE	2	o	1009.2	*	64	+8	SW	3	-	bc	*	5	65	56	of	of.o.	c.be	0.0	
	Donaghadee	1012.4	57	S	5	omr	1007.7	+1	62	+7	S	3	S	omr	3	3	66	55	bcm.f	omr	omr.c.p	*	
	Liverpool (Bidston)	1017.1	60	SW	3	r	1012.5	0	65	+10	SW	4	SW	og	3	3	70	55	b	op	of	6.1	
	Holyhead	1015.8	58	S	6	omr	1011.6	+1	61	+1	SSW	5	-	fe	5	5	64	57	be.og	o.c.og	of.fe	1.8	
	Pembroke (St. Ann's)	1016.2	59	SSW	5	o	1015.2	0	61	+1	SW	5	-	om	5	5	62	55	c	adm	adm	0.0	
	Newquay	1017.2	60	SSE	2	od	1016.8	+2	64	+4	WSW	2	-	om	1	1	65	59	o	od	om	0.0	
	Scilly (St. Mary's)	1016.9	62	SSW	4	f	1016.3	-1	62	+3	SW	4	SW	omd	4	0.3	64	58	co	omd	fe.ond	0.1	
	Jersey (St. Aubin)	1020.8	66	W	2	o	1020.4	*	64	0	SW	2	-	o	*	*	*	*	*	*	*	*	*
	Portland Bill	1019.6	62	SW	3	c	1018.6	+1	62	+2	SSW	3	-	o	3	0.3	66	60	be	be	c.of.f	*	
	Dungeness	1018.9	64	WSW	3	c	1018.9	0	64	+4	SSW	3	SW	o	3	0.3	69	59	be	be	cp.o.	*	
	Dover	1019.5	62	SW	3	bc	1019.4	+1	63	0	SW	4	SW	o	4	1	70	59	b	b.be	bc.f.d	10.2	
Wick	1013.1	56	S	2	m	1005.2	-3	56	+1	S	4	-	r	4	1	57	54	om	om.bcm	bc.omr	*		
Nairn	1011.6	62	-	0	cm	1004.8	*	58	+4	-	0	-	tm	1	9	70	53	bc	b.be	mg.r	9.8		
Aberdeen	1013.5	62	S	4	bc	1007.2	-2	57	+7	S	2	-	r	2	2	67	50	of.c.b	b.be	bc.f.d	5.9		
Leith	1014.2	67	SW	3	c	1007.2	-2	66	+11	SW	3	SW	c	3	0.4	71	55	b	c.o.	op.c	*		
Tynemouth	1015.8	61	SSE	4	om	1011.0	-3	60	+5	SSW	2	SW	bcm	3	1	66	55	bcm	bcm	omr	8.6		
Spurn Head	1017.3	63	SE	2	c	1014.9	0	60	+4	SSW	4	-	o	4	1	70	55	bam	cm	c.of	8.6		
Yarmouth	1018.3	64	E	2	c	1017.3	0	60	+5	SSW	2	-	o	1	-	70	52	bm	bm.c	c.o.	10.1		
Clacton-on-Sea	1017.0	67	SSE	2	cy	1018.0	0	62	+5	SSW	3	SW	o	3	1	70	56	bez	be.eg	eg.of	9.8		
Nottingham	1016.8	67	SW	1	c	1015.3	*	62	+14	SW	2	SW	o	*	1	73	48	f.m.b.	bc	c.op	6.4		
Bath	1018.6	65	SW	2	o	1017.3	*	65	+10	SW	4	SW	o	*	0.2	71	58	m.be.b	c.op	op.g	6.5		
London (Kew Obsy.)	1018.6	67	SW	2	or	1018.2	+1	62	+8	SW	3	-	o	*	0.3	74	53	fw.bcm	be.c.v	ov.of.o	7.3		
ICELAND, FAEROE, &c.	Spitzbergen	1018.3	61	SSW	4	r	1017.5	0	63	+6	SW	3	-	o	5	1	66	57	*	*	*	0.2	
	Isafjord	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Reykjavik	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Vestmanna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Seydistjord	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Thorshavn	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
NORTHERN EUROPE.	Vardö	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Bodö	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Christiansund	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Skudesnaes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Færder (X'aniafjord)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	The Scaw (Skagen)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
CENTRAL EUROPE.	Blaavands Huk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Haparanda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Hernösand	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Stockholm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Wisby	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Karlstad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
FRANCE.	St. Petersburg	1012.7	55	WNW	1	bc	1014.9	+1	50	...	WNW	1	...	f	*	1	61	46	...	...	...	...	
	Berlin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Frankfurt	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Munich	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Vienna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Cuxhaven	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
SOUTHERN EUROPE.	The Helder	1018.3	64	WNW	2	b	1018.9	0	64	...	SW	3	-	c	2	-	68	54	...	...	...	...	
	Brussels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	C. Gris Nez	1019.0	64	SW	3	bc	1019.0	0	63	...	SSW	5	...	o	3	1	70	55	...	...	...	...	
	La Hève	1021.7	64	NNE	2	o	1021.1	*	64	...	S	1	...	o	1	-	70	54	...	...	...	...	
	Ushant	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Brest (St. Mathieu)	1021.1	63	W	2	o	1020.0	0	59	...	SSW	3	...	m	2	-	73	57	...	...	...	...	
MADEIRA.	Rochefort (Ile d'Aix)	1021.1	68	WNW	3	bc	1021.3	0	65	...	ENE	2	...	c	*	-	75	61	...	...	...	...	
	Biarritz	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Paris	1020.3	66	N	1	b	1021.6	+1	63	...	ESE	2	-	o	*	-	77	57	...	...	...	...	
	Belfort	1021.5	62	-	0	m	1024.4	*	53	...	-	0	...	m	*	-	68	47	...	...	...	...	
	Lyons	1																					



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 Coast.

North Coast.

Signals hoisted this morning.

South 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.	
		Sth. Farnboro'	Eskdalemuir.	Sth. Farnboro'	Eskdalemuir.	Sth. Farnboro'	Eskdalemuir.	Sth. Farnboro'	Eskdalemuir.	Sth. Farnboro'	Eskdalemuir.	Sth. Farnboro'	Eskdalemuir.	Sth. Farnboro'	Eskdalemuir.	Sth. Farnboro'	Eskdalemuir.
		18h	7h	13h	13h	20h	7h	20h	10h	21st	7h	21st	11h	21st	13h		
Heights in Kilometres.	4	-3	-2														
	3	-3	-4			+2	-2			+5	0						
	2	-1	-2			+5	-5	+2	+2	+3	0	+3	+1				
	1	-2	-7	-2	-5	0	-1	0	+2	+5	+2	+5	+1	+5	+1		
	0.5	-4	-4	-3	-1	-1	+1	-1	-1	+4	+1	+4	+1	+5	+1		
	0	0	-1	-1	0	-1	+1	-1	0	+2	+1	+2	0	+6	+1		
Heights in Kilometres.	6																
	5																
	4																
	3																
	2																
	1																
	0.5																
	0																

Millibars

1050

1040

1030

1020

1010

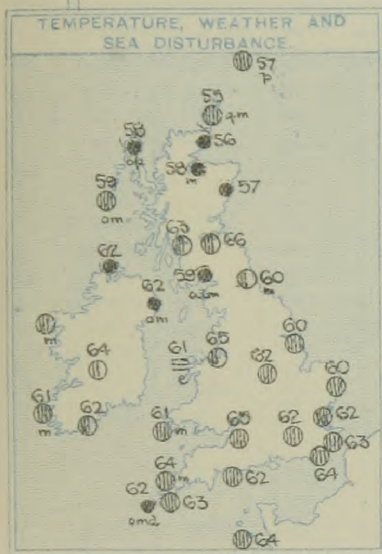
1000

990

980

970

# SYNOPTIC CHART FOR 7 a.m., Sunday, 23<sup>rd</sup> AUGUST, 1914.



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 AUGUST.

## 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 1/4 clouded. ○ sky 1/2 clouded.

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

\* snow. ▲ hail. ≡ fog. ≡ 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.	
					mb.	±		(0-12).							mb.	±		(0-12).	

## 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.
Banff ...		-	66	48	3.6	6c	8.8	Margate ...		-	75	48	6c	6c.c	9.0
Stonehaven ...		-	71	45	*	*	9.5	Ramsgate ...		-	72	56	6	c	8.7
Carnoustie ...		-	70	40	*	*		Folkestone ...		-	70	53	6	b	8.8
St. Andrews ...		1	70	40	*	*		Hythe ...		-	67	57	6	b	10.3
Harrogate ...		1	70	49	6	6.6c	7.7	Littlestone ...		*	*	*	*	*	10.4
Scarborough ...		*	71	51	6.6c	6c.c	8.9	Hastings ...		-	71	55	6	6.6c	10.4
Skegness ...		0.3	71	51	6.6c	6c.c	8.9	Bexhill-on-Sea ...		-	63	54	6	b	10.4
Douglas (I. of M.) ...		-	69	51	6c.6	6.6c.0	5.3	Eastbourne ...		-	69	57	6c.6	6.6c	10.4
Morecambe ...		-	69	50	6c.0	6	3.3	Seaford ...		-	68	51	6	b	9.7
Blackpool ...		-	71	48	6c.c	6c.0	4.0	Brighton ...		-	70	51	6.6c	6c.0	10.0
Southport ...		-	71	48	6c.c	6c.0	4.0	Worthing ...		-	70	52	6.6c	6c.0	9.4
Buxton ...		-	67	46	6c	6c	5.9	Littlehampton ...		0.3	70	50	*	*	9.1
Leamington Spa ...		-	70	47	6c	6	5.2	Bognor ...		-	67	51	6	b	8.0
Malvern ...		1	68	52	6c.c	6c.0	7.4	Southsea ...		-	67	51	6	b	8.0
Ross-on-Wye ...		1	70	46	6c.6c	6c.0	4.7	Ryde ...		-	71	55	6c.6c	6c.0	3.9
Rhyl ...		1	70	50	6c	6c.0	5.8	Weymouth ...		-	71	56	6c.c	6c.0	2.9
Colwyn Bay ...		-	66	52	6c	6c	2.6	Exmouth ...		-	68	56	6c.c	6c.0	2.9
Llandudno ...		-	66	52	6c	6c	2.6	Teignmouth ...		9pm.	68	56	6c.c	6c.0	1.1
Bettws-y-Coed ...		3	66	52	6c	6c	2.6	Torquay ...		1	68	57	6	6c.0	1.2
Aberystwyth ...		3	66	52	6c	6c	2.6	Paignton ...		1	67	54	6c.0	6c.0	1.3
Tenby ...		3	66	52	6c	6c	2.6	Plymouth ...		1	67	54	6c.0	6c.0	1.3
Swansea ...		5	66	52	6c	6c	2.6	Falmouth ...		3	65	57	6c.0	6c.0	0.3
Cromer ...		2	67	55	6c	6c	2.6	Penzance ...		-	66	54	6c.0	6c.0	0.2
Lowestoft ...		-	71	53	6c	6c	2.6	Bade ...		2	67	51	6	6c.0	0.7
Felixstowe ...		1	69	53	6c	6c	2.6	Ilfracombe ...		1	65	55	6	6c.0	1.5
Walton-on-Naze ...		-	69	54	6c	6c	2.6	Weston-super-Mare ...		-	65	55	6	6c.0	1.5
Southend-on-Sea ...		-	69	54	6c	6c	2.6			-	65	55	6	6c.0	1.5

## 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.) ...	45	88	9.9	78	58	56	6	6.6c	6c.p.
City (Sunhill Row) ...	*	*	8.9	*	*	*	*	*	*
Westminster (St. James's Pk.)	51	90	6.1	74	60	58	6c	6c	6c.p.
Camden Sq. (Brit. Rainfall)	49	88	8.7	78	59	56	6	6c	6c.p.
Hampstead (Reservoir) ...	*	93	9.7	74	57	56	6c	6c	6c.p.
Richmond Park ...	*	*	7.1						
Kew. (See front page.)									
(Greenwich and Camden Square air temperatures are in Glaisher screens.)									
S. Kensington (Roof of M.O.)	55	90	7.7						

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

23rd 74th Aug 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.50	G.M.T. 11.55	G.M.T. 7.2
Greenwich ...	G.M.T. 4.50	G.M.T. 12.3	G.M.T. 7.6
Wick ...	G.M.T. 4.50	G.M.T. 12.15	G.M.T. 7.37
Valencia ...	G.M.T. 5.40	G.M.T. 12.44	G.M.T. 7.49

## Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	
Dublin to 4 p.m.	1.4	66	54	53	6c	6c.p.
Darwen to 9 p.m.	-	69	50	46	6c	6c.0
Manchester "	-	68	54	*	6c	6c.0
Birmingham "	0.3	69	51	35	6	6c
Oxford to 8 p.m.	*	70	50	47	6c	6c.p.
S. Kensington (Museum Grounds to 6 p.m.)	-	75	54	47	6c	6c.0

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 70° and upwards in many parts of this country, to 75° at Tunbridge Wells. Showers were experienced in most places; some western stations had from 10 to 12 millimetres of rain. Some western and northern localities had no bright sunshine, while several eastern stations exceeded 10 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.

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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

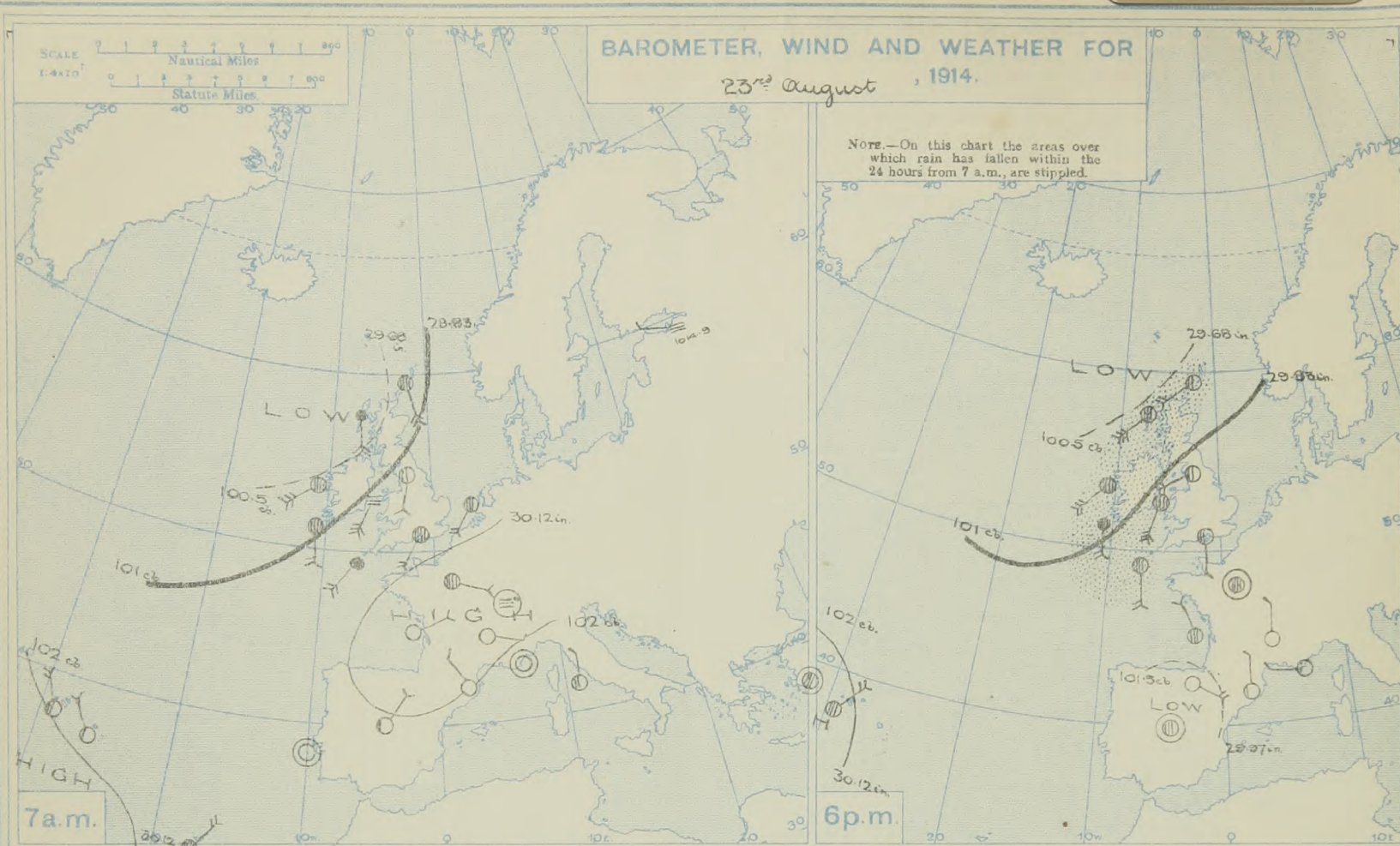
Monday,  
24th August, 1914.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.										Sun- shine for Yester- day. Hours.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		Weather.	Barometer.		TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.								
				Direc.	Force 0-12.		Milli- bars at M.S.L.	Change in 3 hours.	Dry Bulb. °F.	Change in 24 hours. °F.	Direc.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.						
BRITISH ISLANDS.	Deerness ...	1007.1	59	S	2	c	1004.0	*	57	+2	SSE	4	SW	awg	5	31	66	52	r bc	b bc.	o cag	6.0					
	Lerwick ...	1006.8	58	SW	3	bc	1006.0	-5	57	0	S	3	-	om	3	9	60	51	or	om	om	8					
	Stornoway ...	1005.2	61	SW	6	cq	1003.6	0	56	-2	S	4	-	cpq	4	10	64	56	cq	e.cq p	cpq	2.1					
	Castlebay (Barra Isd.) ...	1005.6	60	SSW	5	om	1004.5	0	57	-2	SW	4	-	op	4	7	62	56	op.c om	e.c om	omp p	1.7					
	Glasgow ...	1009.8	67	SW	2	c	1008.0	0	61	-2	SSW	4	-	o	*	1	70	60	od p.c	c	c b p o	3.5					
	Eskdalemuir ...	1013.1	61	S	3	o	1010.5	0	58	-1	S	4	-	of	*	5	58	58	od m.o	o b c o	om t o	4.8					
	Malin Head ...	1005.9	65	SW	4	c	1006.0	+2	56	-6	SW	4	-	r	3	16	69	55	cp	cz	om t	4.4					
	Blacksod Point ...	*	*	SW	5	omp	*	*	*	*	SSW	4	*	cp	3	*	*	*	omp	omp	omp cp	*					
	Valencia ...	1007.4	62	S	3	op	1010.1	+4	56	-5	-	0	SW	b	4	15	65	55	op	op	mr. bc	1.5					
	Roche's Point ...	1010.7	62	SSW	4	o	1010.7	*	59	-3	NNW	2	S	c	3	17	64	57	fd	fd	fd r.c	*					
	Birr Castle ...	1008.5	56	SSW	2	c	1004.2	*	57	-7	S	1	-	r	*	63	73	56	bc	cp	ot od	7.5					
	Donaghadee ...	1009.0	65	SW	4	cpq	1006.9	+3	60	-2	SSW	4	-	om	4	2	76	59	bcy	cp	f om gr	*					
	Liverpool (Bidston) ...	1013.7	70	S	3	bc	1011.5	?	64	-1	SE	4	SW	c	3	-	73	62	b	bc o.	bc	8.3					
	Holyhead ...	1013.0	62	SSW	5	of q	1010.5	-2	62	+1	SSW	4	SW	ogq	4	1	67	58	o.c bcq	c bc f o	b c p o	1.7					
	Pembroke (St. Ann's) ...	1014.3	61	SSW	5	o	1011.8	+1	60	-1	SSW	5	S	om	4	2	63	60	om	om	ogm	0.0					
	Newquay ...	1014.6	64	S	2	o	1012.4	0	61	-3	SW	1	-	o	2	2	72	59	om b	bu. o og	o op	4.5					
	Scilly (St. Mary's) ...	1014.1	62	S	3	cm	1012.2	+1	60	-2	SW	2	SW	cp	4	1	66	58	f	cm	cm tlp	1.7					
	Jersey (St. Aubin) ...	1015.1	72	S	2	b	1014.6	*	67	+3	E	3	-	bz	*	-	65	59	c of	om	c o b.	*					
	Portland Bill ...	1018.0	63	WSW	2	o	1017.0	-4	61	-1	WSW	3	SW	c	3	-	65	59	c of	om	c o b.	*					
	Dungeness ...	1018.3	66	SSW	3	c	1016.9	0	64	0	SE	2	E	c	2	-	70	57	o bc	bc	b c f o	*					
Dover ...	1019.1	63	SSW	3	m	1017.5	0	67	+4	SSE	1	S	c	2	?	70	59	o.c bc	bc. cz	bc. c.	7.9						
Wick ...	1007.5	61	S	1	c	1004.9	-1	58	+2	S	3	-	o	3	1	69	55	om t bc	bc	c om p	*						
Nairn ...	1007.5	65	SW	1	bc	1004.3	*	63	+5	-	0	-	cu	1	3	71	56	o bc.	q b bc	cp	7.0						
Aberdeen ...	1009.2	67	WSW	3	o	1007.8	-1	62	+5	S	5	SW	c	3	0.4	76	56	d.o bc	bc. c o	c b c q	4.2						
Leith ...	1010.3	74	W	3	c	1008.4	0	65	-1	SSW	4	SW	c	*	0.1	75	62	b bc.	bc. c	bc. c.	*						
Tynemouth ...	1013.1	60	SW	4	bc	1011.6	0	65	+5	SSW	3	SW	cm	2	-	72	59	b cm	b cm	b cm	7.2						
Spurn Head ...	1014.7	72	SSW	3	b	1015.6	0	62	+2	SSE	4	S	bc	4	-	78	58	bc	bc	c	8.0						
Yarmouth ...	1016.5	75	SW	2	bc	1017.8	0	62	+2	S	2	-	f	1	-	75	58	o bc	c	b c e	2.3						
Clacton-on-Sea ...	1017.6	68	S	2	o	1016.9	0	66	+4	SSE	1	W	c	1	-	72	61	o.c bc	bc. c o	b c e.	2.2						
Nottingham ...	1015.6	71	SW	2	bc	1014.7	*	62	0	S	2	S	o	*	-	76	59	o.c	c bc.	b c b.	5.3						
Bath ...	1016.9	73	S	3	b	1014.5	*	64	-1	SE	1	E	o	*	-	75	62	p d o c	c b c b.	b b c o.	5.2						
London (Kew Obs.) ...	1017.5	72	S	1	bc	1016.1	+1	60	-2	-	0	S	b cm w	*	-	75	56	o.c o	o.c bc	b b cm w	1.6						
Falmouth ...	1015.7	63	SSE	2	c	1013.1	+1	61	-2	S	2	*	r	4	2	69	59	*	*	*	0.8						
Markree Castle ...	*	*	*	*	*	1007.8	*	56	-	-	0	*	o	*	*	*	*	*	*	*	5.9						
NORTHERN EUROPE.	Vardö ...															*											
	Bodö ...															*											
	Christiansund ...															*											
	Skudesnaes ...															*											
	Færder (X'ania Fjord) ...															*											
	The Scaw (Skagen) ...															*											
	Blaavands Huk ...															*											
	Haparanda ...															*											
	Hernösand ...															*											
	Stockholm ...															*											
CENTRAL EUROPE.	Wisby ...															*											
	Karlstad ...															*											
	St. Petersburg ...															*											
	Berlin ...															*											
	Frankfurt ...															*											
	Munich ...															*											
FRANCE.	Vienna ...															*											
	Cuxhaven ...															*											
	The Helder ...						1019.1	0	68	+4	S	2	-	c	1	-	68	61									
	Brussels ...	*	*	*	*	*										*											
	C. Gris Nez ...	1014.1	63	SW	4	m	1017.2	0	68	+5	SSE	3	*	b	2	-	72	61									
	La Hève ...	1018.6	70	NE	2	b	1016.7	*	64	0	SE	3	*	b	1	-	79	55									
	Ushant ...	1016.8	63	S	3	bc	1012.8	*	63	0	S	2	*	tl	3	-	79	55									
	Brest (St. Mathieu) ...	1015.1	66	SSE	2	b	1013.1	0	60	+1	E	1	*	tl	2	-	75	59									
	Rochefort (Ile d'Aix) ...	1016.4	72	NW	2	c	1012.3	-1	66	+1	ESE	4	*	tl	*	-	81	63									
	Biarritz ...	1013.2	76	ESE	3	c	1013.6	+4	70	0	NNW	5	*	b	3	-	82	63									
SOUTHERN EUROPE.	Paris ...	1020.7	81	-	0	o	1017.7	0	64	+1	ESE	1	S	b	*	-	79	57									
	Belfort ...															*											
	Lyons ...	1019.7	69	N	1	b	1019.0	*	57	+1	SSE	1	*	b	*	-	74	52									
	Nice ...	1017.6	71	W	1	b	1018.6	0	72	+1	-	0	*	b	*	-	84	61									
	Perpignan ...	1017.1	68	N	1	b	1015.9	+2	68	-2	W	1	*	b	*	-	79	57									
	Sanguinaire ...	*	*				*	*	*	*						*	*	*									
Corunna (7 a.m.) ...																											
Madrid (8 a.m.) ...	1011.8	84	-	0	c	1016.2	+2	70	0	-	0	-	b	0	-	88	64										
Lisbon (9 a.m.) ...																											
Gibraltar ...																											
Rome ...																											
Azores (Horta, 8 a.m.) ...	1020.6	*	ENE	3	c	1020.0	*	*	*	SW	5	*	r	2	*	*	*										
Madeira (Funchal) ...																											

1 Millimeter = 0.03937 Inch.  
Rainfall amounts expressed in  
Millimeters may therefore be  
converted approximately to  
Hundredths inch by multiplying  
by 4. (Error 1.6 per cent.)

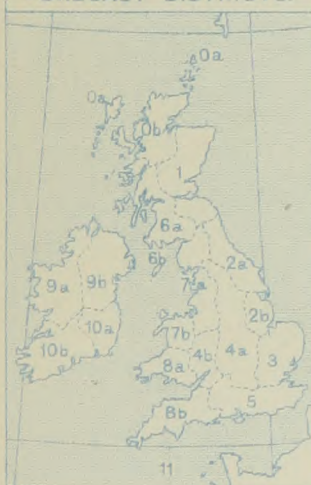
**RAINFALL.**  
Equivalents of Millimeters  
in Inches.

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	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97



FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

Western Channel and Bay. 11

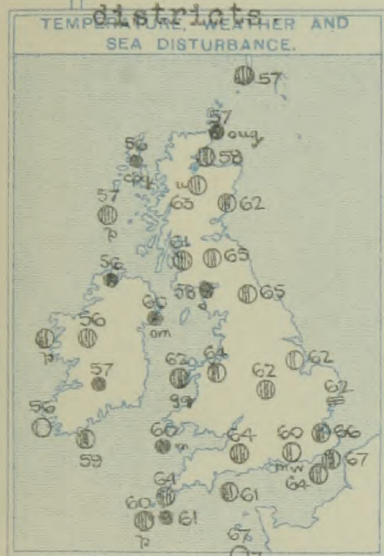
- 0 {  
a } Southerly and South-Westerly winds, fresh and gusty at times;  
b } changeable, some rain and mist; moderate temperature.
- 1 {  
a }  
b }
- 2 {  
a } Light to moderate Southerly breezes; changeable, some rain  
b } and mist; moderate temperature, air close.
- 3 {  
a } Calms and light variable to Easterly breezes; fine to cloudy  
b } and dull, some rain and mist, thunder in places; moderate  
4 {  
a }  
b } temperature.
- 5 {  
a }  
b }
- 6 {  
a } Same as Nos. 0 and 1.  
b }
- 7 {  
a } Same as No. 2.  
b }
- 8 {  
a } South-Westerly and Southerly breezes, backing Easterly, light  
b } to moderate; some rain and mist, thunder in places; moderate  
9 {  
a } temperature, air close.  
b } Same as Nos. 0 and 1.
- 10 {  
a } Calms and light variable breezes; changeable, some rain and  
b } mist, local thunder; moderate temperature, air close.
- 11 {  
a } Light to moderate Easterly breezes; sea slight to moderate;  
b } unsettled, some rain and thunder, local mist or fog; moderate  
c } temperature.

FURTHER OUTLOOK.

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

## GENERAL INFERENCE.

A depression which has appeared on the Bay will bring Easterly breezes and thundery conditions to our southern districts. No important change is indicated in the northern districts.

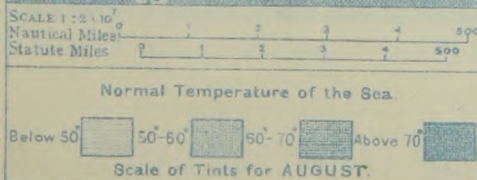


Inches.

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 & clouded.
- ◑ sky & clouded.
- ◒ sky & clouded.
- ◓ overcast sky.
- rain falling.
- ✱ snow.
- ▲ hail.
- ≡ fog.
- ≡ mist.
- T, thunder.
- ⚡, thunderstorm.

**SEA DISTURBANCE.**—Rough. High.

## DAILY WEATHER REPORT.

Monday, 24th August, 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.	
					mb.	†		(0-12).							mb.	†		(0-12).	

## 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.	Tunbridge Wells ...	...	...	...	...	...	...
	Banff ...	4	74	57	r.bc.	bc.o.	5.5		Margate ...	...	72	54	m.o.c.	c.bm.	1.7
	Stonehaven ...	2	62	52	eg.o.	o.	3.0		Ramsgate ...	...	75	60	b.	b.	6.9
	Carnoustie ...	3	73	55	*	*	3.8		Folkestone ...	1	69	60	bc.b.o.	bc.o.bc.	6.6
	St. Andrews ...	...	...	...	...	...	...		Hythe ...	...	...	...	...	...	...
Eng. N.E.	Harrogate ...	1	73	56	o.c.bc.	o.b.c.	3.6	England, S.W.	Littlestone ...	...	...	...	...	...	7.5
	Scarborough ...	...	73	58	c.b.	c.b.	6.4		Hastings ...	1	69	59	op.c.	c.o.	6.7
	Skegness ...	1	77	57	o.c.	c.b.	6.0		Bexhill-on-Sea ...	...	68	54	bc.	c.	1.6
Eng. N.W.	Douglas (I. of M.) ...	4	64	57	of.c.	ef.o.	2.5		Eastbourne ...	1	69	56	m.o.bc.	b.o.m.	3.2
	Morecambe ...	3	69	57	o.bc.	b.bc.	3.0		Seaford ...	...	66	61	o.	o.	0.0
	Blackpool ...	4	70	57	o.c.	c.	3.1		Brighton ...	...	69	60	o.	o.	0.2
	Southport ...	1	73	57	o.bc.	bc.o.	6.6		Worthing ...	...	69	60	o.	o.	0.2
Midlands.	Buxton ...	2	71	56	bc.r.	bc.	4.7		Littlehampton ...	1	70	50	r.c.bc.	bc.c.bc.	1.1
	Leamington Spa ...	2	75	57	o.	bc.	3.0		Bognor ...	1	68	60	o.	o.	0.9
	Malvern ...	1	71	56	o.c.bc.	bc.	1.0		Southsea ...	...	71	61	o.c.	b.bc.	2.2
	Ross-on-Wye ...	2	72	56	or.bc.	bc.	2.7		Ryde ...	...	...	...	...	...	...
Wales.	Rhyl ...	4	72	57	bc.o.	bc.	5.5		Ventnor ...	...	...	...	...	...	...
	Colwyn Bay ...	...	73	58	bc.	bc.	8.8		Bournemouth ...	0.3	71	59	o.c.o.	o.c.o.	2.0
	Llandudno ...	1	70	59	c.	c.	1.4		Weymouth ...	0.3	67	60	oem.	m.o.	0.0
	Bettws-y-Coed ...	...	...	...	...	...	...		Exmouth ...	...	...	...	...	...	...
	Aberystwyth ...	4	69	57	r.o.c.	c.bc.	1.2		Teignmouth 6.9 p.m. ...	...	71	61	c.	c.	0.3
England, E.	Tenby ...	...	...	...	...	...	...		Torquay ...	...	68	61	o.	o.	0.2
	Swansea ...	5	73	63	bc.c.	c.	3.7		Paignton ...	...	...	...	...	...	...
	Cromer ...	...	75	58	c.	bc.	5.7		Plymouth ...	1	69	61	o.c.	o.	0.7
	Lowestoft ...	...	73	59	o.c.	c.o.c.	3.4		Falmouth ...	1	67	61	bc.	c.	2.3
	Felixstowe ...	1	72	59	cm.	bc.c.	2.0		Penzance ...	...	74	60	bc.	c.	4.7
England, W.	Walton-on-Naze ...	1	70	59	o.c.m.	c.o.bc.	2.1		Bude ...	0.3	74	60	c.bc.	bc.c.	6.2
	Southend-on-Sea ...	...	74	61	bc.	bc.	4.2		Ilfracombe ...	1	74	60	c.bc.	bc.c.	6.2
								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.
				Max.	Min.					
				24 HOURS ENDED 9 A.M. TO-DAY.						
	%		Hr.	° F.	° F.	° F.	mm. §			
Greenwich (Royal Obs.) ...	64	61	3.6	79	56	47	—	o	o. bc	b.
City (Bunhill Row) ...	*	*	1.8	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	76	62	2.5	75	59	53	—	o	o. bc	bc
Camden Sq. (Brit. Rainfall)	~	59	2.3	77	57	53	—	—	—	*
Hampstead (Reservoir) ...	*	68	1.3	72	58	54	—	o. c	c.	bm bc
Richmond Park ...	*	*	2.9							
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	—	65	2.1	870 Joules		17.1 Milli-watts.		630 Milli-watts.		

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	mm. §	° F.	F.	° F.				Hr.
Darwen to 9 p.m.	0.3	73	61	61	ocq.	cq.b.	c.b.	*
Manchester "	4	74	58	*	o.c.	c.b.	bc	28
Birmingham "								
Oxford to 8 p.m.	*	74	58	57	o *	o	o.c.b.	*
S. Kensington (Museum Grounds to 6 p.m.)	0.4	75	59	52	o	o.c.b.	b.b.v	*

## NOTES ON YESTERDAY'S WEATHER.

Temperature exceeded 70° in many parts of this country, and touched 78° at Spurn Head. Rain fell in most places, considerable quantities in Ireland and the Hebrides. Several southern and western stations had no bright sunshine or less than an hour, and the largest record was 8½ hours at Colwyn Bay.

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.

Tuesday  
25th August 1914.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day. Hours.
		Baro. Milli- bars at M.S.L.	Temp.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	WIND. Direc. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea (0-9).	Rain- fall. Milli- metres.	TEMP.		WEATHER.					
				Direc.	Force (0-12).											Max. °F.	Min. °F.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Deerness	1008.4	56	SSE	2	bc	1012.2	*	56	-1	S	1		b	1	?	60	49	d	d bc	bw b.	3.0	
	Lerwick	1007.8	55	SSW	2	bc	1011.5	+1	55	-2	SSW	2	SW	bc	1	5	61	53	om	o cr	bc	1.8	
	Stornoway	1007.9	58	SW	5	cgp	1010.8	+1	56	0	SW	3	SW	bc	3	3	63	54	cgp	cgp	bcp	4.3	
	Castlebay (Barra Isd.)	1009.1	58	SW	4	bc	1010.9	0	57	0	S	4	-	bc	4	-	59	55	op o	o c bc	bc b.	3.5	
	Glasgow	1011.7	62	SW	3	bc	1014.6	+2	52	-9	SE	1	S	cm	*	2	64	49	od	p o bc b	bc bcw	1.9	
	Esksdalemuir	1012.7	60	SSW	3	bc	1015.3	+1	54	-4	-	0	-	cm	*	7	63	51	om om	om c bc	bc om	5.2	
	Malin Head	1010.4	61	W	4	bc	1011.9	-2	53	-3	SSW	3	SW	bc	7	3	64	51	bc	bc m	bc	?	
	Blacksod Point	*	*	WNW	5	bc	*	*	*	*	SW	6	*	cm	4	*	*	*	bc	bc g	bc m cm	?	
	Valencia	1014.2	61	SW	2	bc	1010.1	-4	60	+4	SSE	4	SW	c	4	0.3	65	55	bc v	bc p	bc	?	
	Roche's Point	1015.1	63	W	3	c	1014.1	*	60	+1	S	4	W	c	4	0.2	65	53	c bc	bc c	bc c	9.2	
	Birr Castle	1013.2	63	SW	3	c	1013.1	*	52	-5	SE	2	-	b	*	0.2	67	48	c p c	c	bc b.	1.7	
	Donaghadee	1011.5	62	SSW	3	bc	1014.0	0	52	-8	SW	2	-	b	1	7	69	50	bc m	bc	bc b.	4.1	
	Liverpool (Bidston)	1013.7	64	SSE	1	bc	1015.9	+2	58	-6	SSW	1	E	o	1	1	70	50	bcp	op	cm	3.2	
	Holyhead	1013.3	63	SW	3	bc	1019.0	0	55	-7	-	0	-	bc	0	2	66	53	cm p	bc	bc m	?	
	Pembroke (St. Ann's)	1014.9	60	WSW	4	c	1016.6	0	59	-1	WNW	2	-	bc	2	2	66	58	cm	bc	c g	7.1	
	Newquay	1014.9	62	WNW	2	bc	1016.8	0	61	0	SW	1	-	b	3	0.3	66	52	o	bc c	b	*	
	Scilly (St. Mary's)	1016.1	61	NW	3	bc	1017.1	+1	58	-2	W	2	SW	bc v	3	-	69	54	bc	bc	bc v	4.0	
	Jersey (St. Aubin)	1014.2	68	NW	3	b	1018.3	*	62	-5	NW	3	-	b	2	-	70	59	c bc	bc	bc	4.3	
	Portland Bill	1014.0	64	ENE	2	bc	1016.6	+1	62	+1	NW	3	-	b	1	-	76	57	c bc b	bc c	bc c	9.5	
	Dungeness	1014.3	68	S	2	c	1014.1	0	60	-4	WNW	1	-	c	1	-	76	57	c bc b	bc c	bc c	*	
	Dover	1014.9	70	ENE	1	c	1014.1	+1	66	-1	-	0	-	bc	2	-	77	60	bc b bc	b bc c	c bc	*	
	Wick	1008.3	58	SSW	3	bc	1012.2	+1	56	-2	S	2	-	b	2	4	63	50	om	om bc	bc	4.0	
	Nairn	1009.2	62	W	2	bc	1012.4	*	59	-4	-	0	-	bc	1	3	64	49	p cr	c bc v	bc	4.3	
	Aberdeen	1010.7	66	SSW	2	bc	1014.0	+1	53	-9	SSW	1	-	b	2	-	67	49	bc g	o c bc	bc b	4.9	
Leith	1012.1	65	WSW	2	b	1015.9	+2	54	-11	E	1	-	b	2	2	68	47	c o	op c	c bc b	3.4		
Tynemouth	1012.5	64	W	2	om	1015.9	+2	54	-11	W	1	-	bc m	2	1	75	53	bc	om p	bc m	4.2		
Spurn Head	1014.4	71	WSW	2	c	1015.3	+1	62	0	NNE	3	N	c	2	2	79	58	c	cp	cl	3.4		
Yarmouth	1015.5	67	S	2	bc	1013.7	0	65	+3	W	1	-	f	0	-	72	58	ef cm	cm bc	bc f	3.4		
Clacton-on-Sea	1014.7	68	E	2	bc	1013.4	0	67	+1	-	0	-	c	0	-	70	61	c o	o c bc	bc o c	1.9		
Nottingham	1013.7	66	W	1	o	1015.2	*	61	-1	N	1	W	cm	*	10	75	58	o c	cl r	o cm	2.4		
Bath	1013.9	70	W	1	o	1016.6	*	59	-5	W	2	W	o	*	-	78	58	o c	c o	o c	5.4		
London (Kew Obsy.)	1014.1	75	SSE	2	bc	1015.2	+2	61	+1	WSW	1	-	om	*	trace	81	58	bc m bc	c bc	bc m	1.4		
Falmouth	1015.2	63	NNW	3	bc	1017.7	0	57	-4	WNW	1	*	c	3	1	67	51	*	*	*			
Markree Castle	*	*	*	*	*	1012.2	*	52	-4	SE	2	*	bc	*	4	*	*	*	*	*	*		
NORTHERN EUROPE.	Vardö														*								
	Bodö														*								
	Christiansund														*								
	Skudesnaes														*								
	Færder (X'ania Fjord)														*								
	The Scaw (Skagen)														*								
	Blaavands Huk														*								
	Haparanda														*								
	Hernösand														*								
	Stockholm														*								
CENTRAL EUROPE.	Wisby														*								
	Karlstad														*								
	St. Petersburg														*								
	Berlin														*								
	Frankfurt														*								
	Munich														*								
FRANCE.	Vienna														*								
	Cuxhaven														*								
	The Helder	1017.2	72	E	1	c	1015.0	0	68	0	SSE	2	S	bc	1	-	75	63					
	Brussels	*	*	*	*	*									*								
	C. Gris Nez	1014.3	71	N	1	bc	1013.6	+1	66	-2	SSW	4	*	c	2	-	84	64					
	La Hève	1012.6	76	SSE	1	c	1016.0	*	63	-1	NW	3	*	o	2	-	79	59					
	Ushant	1018.3	61	NW	3	b	1018.3	*	59	-4	W	2	*	bc	5	-	75	54					
	Brest (St. Mathieu)	1015.7	67	NW	1	bc	1020.0	+1	60	0	W	2	*	bc	3	-	75	57					
	Rochefort (Ile d'Aix)	1015.3	70	WNW	4	o	1019.9	+3	64	-2	NW	4	*	o	-	-	82	64					
	Biarritz	1018.3	68	WNW	4	o	1020.9	0	66	-4	SW	1	*	o	3	5	72	61					
SOUTHERN EUROPE.	Paris	1014.3	72	SSE	1	b	1015.1	+1	63	-1	S	1	-	o	*	trace	82	59					
	Belfort	1017.1	70	ENE	2	m	1018.6	*	62	-	-	0	*	m	*	-	75	65					
	Lyons														*								
	Nice	1018.4	71	SW	1	c	1019.0	+1	71	-1	-	0	*	b	1	-	72	64					
	Perpignan	1016.6	72	NE	2	o	1019.9	+1	64	-4	NE	1	SW	b	1	4	81	61					
	Sanguinaire	*	75	N	2	b	*	*	72	*	E	2	*	b	2	-	71	71					
SOUTHERN EUROPE.	Corunna (7 a.m.)														*								
	Madrid (8 a.m.)	1012.0	84	W	2	b	1018.4	+2	68	-2	E	1	-	b	*	-	88	63					
	Lisbon (9 a.m.)														*								
	Gibraltar														*								
SOUTHERN EUROPE.	Rome														*								
	Azores (Horta, 8 a.m.)	1021.2	*	SW	4	b	1021.6	*	*	*	SW	3	*	c	3	*	*	*					
SOUTHERN EUROPE.	Madeira (Funchal)														*	*	*						
															*	*	*						

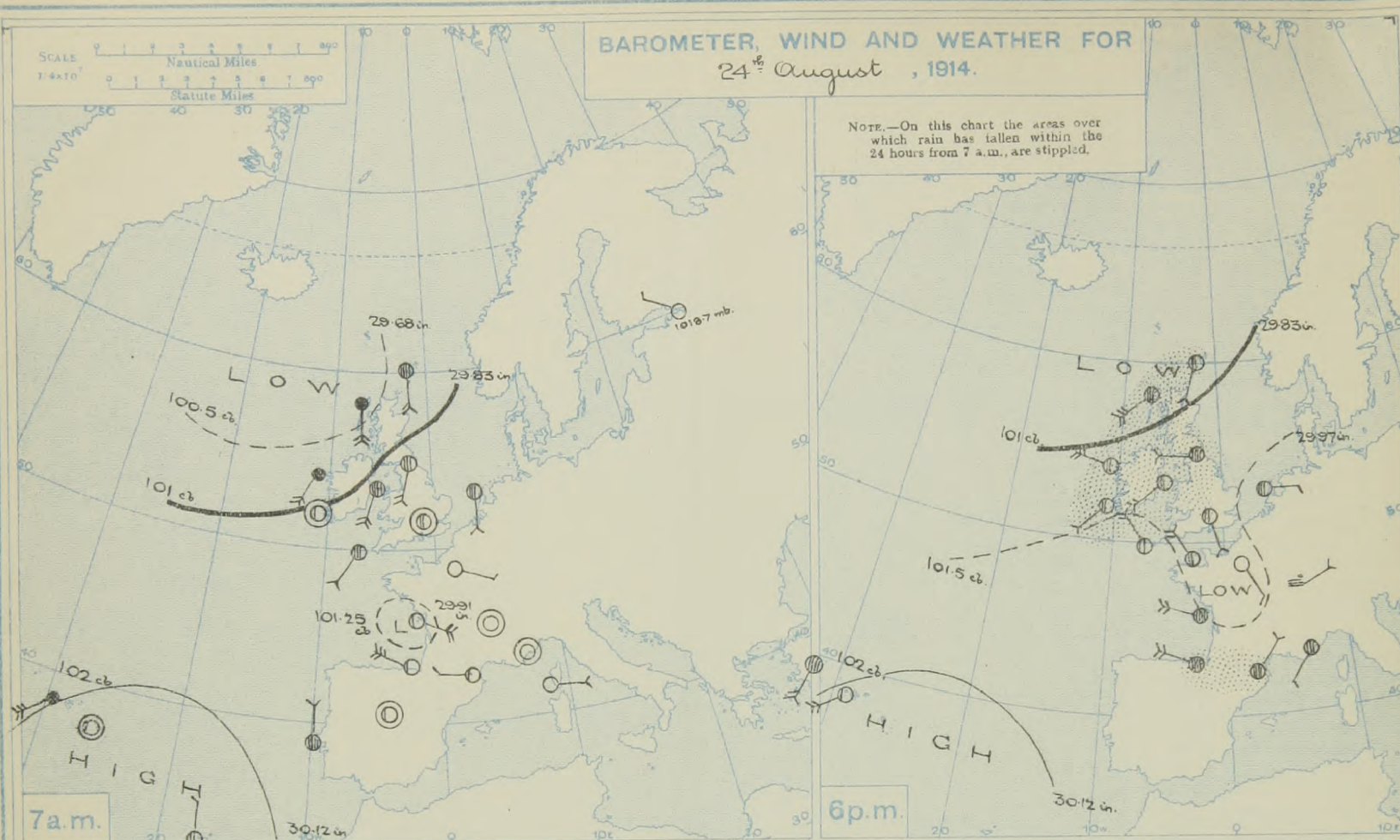
1 Millimeter = 0.03937 inch.

Rainfall amounts expressed in Millimeters may therefore be converted approximately to Hundredths inch by multiplying by 4. (Error 1.6 per cent.)

## RAINFALL.

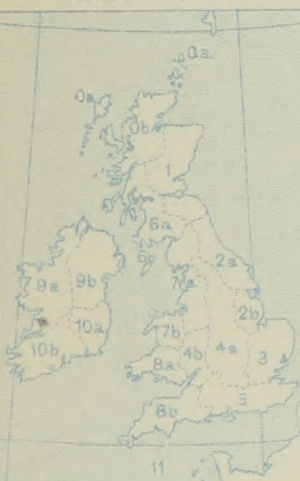
Equivalents of Millimeters in Inches.

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	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97



FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday. Signals hoisted this morning.

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

No Warnings Issued.

- 0 { a } Light to moderate South-Westerly and Southerly breezes; generally fair or fine, some showers and mist later; moderate temperature.
- 1 { b }
- 2 { a } LIGHT VARIABLE BREEZES, BECOMING SOUTHERLY LATER AND
- 3 { b } FRESHENING SOMEWHAT; FINE AT FIRST, THEN SOME LOCAL
- 4 { a } SHOWERS AND MIST; WARM, CLOSE ATMOSPHERE.
- 5 { b }
- 6 { a } Same as Nos. 0 and 1.
- 7 { b }
- 8 { a } Same as Nos 2 to 5.
- 9 { b }
- 10 { a } Same as Nos. 0 and 1.
- 11 { b }
- Western Channel and Bay. 11 { Westerly to Southerly breezes, freshening; fine at first, some rain, mist or fog later; warm.

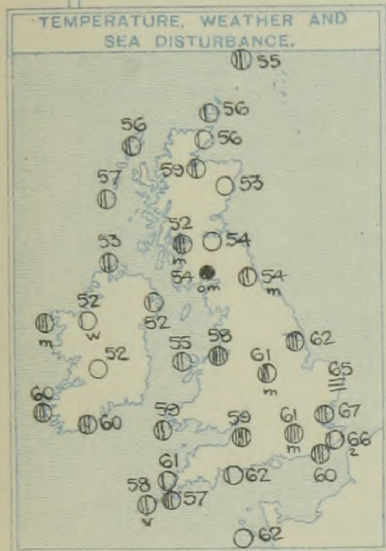
FURTHER OUTLOOK.

Millib. Inc.  
1050  
1040  
1030  
1020  
1010  
1000  
990  
980  
970

# SYNOPTIC CHART FOR 7 a.m., Tuesday, 25<sup>th</sup> AUGUST, 1914.

## GENERAL INFERENCE.

A depression on the Atlantic will produce a Southerly type of weather over the country generally within the ensuing 24 hours.

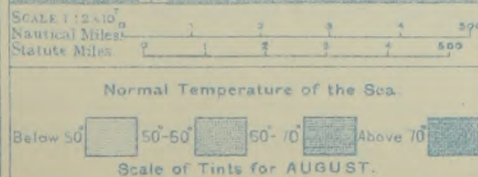


Inches.

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.

## DAILY WEATHER REPORT.

Tuesday, 25th August, 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.	
	"	"			mb.	±		(0-12).			"	"			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 ...	4	61	55	st	o bc.	4.5	England, S.E.	Tunbridge Wells ...	...	79	57	bc	b bc. cy	5.0
	Banff ...	0.3	71	60	b bc. gp	o c bc.	6.3		Margate ...	...	76	60	b bc.	bc	6.6
	Stonehaven ...	...	69	56	cg	bc.	3.5		Ramsgate ...	...	76	60	b	b	6.7
	Carnoustie ...	...	70	58	*	*	3.6		Folkestone ...	...	70	59	b c o bc.	bc	6.3
	St. Andrews ...	1	69	56	*	*	3.0		Hythe ...	...	...	...	...	...	...
Eng. N.E.	Harrogate ...	1	72	59	b bc. c.	c dp.	4.0	England, S.W.	Littlestone ...	...	75	59	bc b.	b bc.	7.3
	Scarborough ...	*	77	62	c b.	c b. r.	5.4		Hastings ...	...	73	59	bc	b	5.8
	Skegness ...	...	78	61	c o.	c o.	3.7		Bexhill-on-Sea ...	...	73	59	bc b.	b bc m.	5.5
Eng. N.W.	Douglas (I. of M.) ...	2	66	57	dp c.	bc.	4.5		Eastbourne ...	...	73	56	b	bc	7.2
	Morecambe ...	1	69	63	bc p.	b c o.	1.3		Seaford ...	...	79	56	b	bc	8.3
	Blackpool ...	1	70	62	c o.	st o c.	1.3		Brighton ...	...	73	59	c bc.	c	9.2
	Southport ...	...	69	57	c dp.	st c.	1.3		Worthing ...	...	70	60	b	b bc	8.0
Midlands.	Buxton ...	2	65	58	c	cr	1.5		Littlehampton ...	...	71	61	b	b	8.2
	Leamington Spa ...	...	77	60	o	bc	2.5		Bognor ...	...	73	60	b bc	bc o.	6.6
	Malvern ...	...	69	61	o c.	c	0.3		Southsea ...	...	...	...	...	...	...
	Ross-on-Wye ...	2	69	62	st bc.	st	1.1		Ryde ...	...	...	...	...	...	...
Wales.	Rhyl ...	0.3	70	63	bc o.	r o bc.	2.3		Ventnor ...	...	...	...	...	...	...
	Colwyn Bay ...	...	68	62	bc p.	bc	2.8		Bournemouth ...	...	73	60	bc b.	bc	7.0
	Llandudno ...	...	70	60	bc	bc	3.5		Weymouth ...	...	73	61	o bc b.	b bc	5.7
	Bettws-y-Coed ...	2	70	60	c	c	3.2		Exmouth ...	...	68	61	od c.	c	1.5
	Aberystwyth ...	2	65	62	r o c.	c cr	1.0		Teignmouth to 9 p.m.	...	67	62	c od.	c	1.6
	Tenby ...	2	68	57	o bc.	bc	2.3		Torquay ...	...	70	60	o	bc o.	2.6
England, E.	Swansea ...	3	66	63	r c u.	c	0.5		Paignton ...	...	72	59	o bc.	o	2.8
	Cromer ...	...	82	58	b	b	8.5		Plymouth ... to 9 p.m.	...	69	60	og	c b u.	0.8
	Lowestoft ...	...	...	...	...	...	...		Falmouth ...	...	67	59	r o.	c bc	1.4
	Felixstowe ...	...	72	61	bc m.	cm	5.1		Penzance ...	...	70	62	r bc	bc	5.4
	Walton-on-Naze ...	0.3	70	61	o c m.	c bc m.	3.6		Bude ...	...	74	59	dp o.	o c.	1.2
	Southend-on-Sea ...	...	78	61	bc	bc c.	6.5		Ilfracombe ...	...	66	63	c bc.	c bc	0.0

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
				Max.	Min.					
				24 HOURS ENDED 9 a.m. TO-DAY.						
Greenwich (Royal Obsy.) ...	% 40	% 86	Hr. 5.7	° F. 84	° F. 56	° F. 4.8	mm. §	b.c.	c. dp	c.
City (Sunhill Row) ...	*	*	4.0	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	42	83	5.1	80	58	53	-	o.b.c.	b.c.	b.c.
Camden Sq. (Brit. Rainfall)	42	83	4.7	86	57	53	-	b.b.c.	b.c.	*
Hampstead (Reservoir) ...	*	79	2.3	79	56	50	-	c	cm	b.c.
Richmond Park	*	*	4.6	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)										
(Greenwich and Camden Square air temperatures are in Glaisher screens.)										
S. Kensington (Roof of M.O.)	47	86	3.8	Total. 1322 Joules		Average Rate. 262 Milliwatts.		Max. Rate. 720 Milliwatts.		

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

25th & 26th August, 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.33 4.34	G.M.T. 11.55 11.55	G.M.T. 6.38 6.36
Greenwich ...	5.3 5.4	12.2 12.2	7.1 7.0
Wick ...	4.37 4.50	12.14 12.14	7.31 7.28
Valencia ...	5.43 5.44	12.43 12.43	7.44 7.43

## NOTES ON YESTERDAY'S WEATHER.

Temperature exceeded 75° in Southern England, and touched 81° at Kew Observatory, and 82° at Cromer and South Kensington. At Nottingham 10 millimetres of rain fell in a thunderstorm, elsewhere only light showers were experienced. The duration of bright sunshine ranged from none at Ilfracombe to 9½ hours at Dover.

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.

Wednesday,  
26th August 1914.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F	WIND		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. °F	Min. °F	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Deerness ...	1008.8	57	SE	3	b	?	*	56	0	?	3	-	fg	3	trace	62	50	bc.b	b	b.b.c.f	10.8		
	Lerwick ...	1011.8	59	SSE	3	bc	1005.8	-3	56	+1	SSE	2	-	om	1	-	61	54	bc	bc	bc	*		
	Stornoway ...	1006.4	61	S	4	c	998.4	-2	56	0	SSE	3	-	ot	3	5	63	54	bc	bc.c	ot	9.4		
	Castlebay (Barra Isd.)	1004.0	59	SE	5	o	998.0	+1	56	-1	E	1	S	o	3	13	60	54	bc	c.o	ot.o	5.4		
	Glasgow ...	1009.7	63	SSW	3	bc	1001.4	-3	53	+1	E	2	-	r	*	10	62	52	c.bc.c	c.bc	bc.g.T.	9.4		
	Eskdalemuir ...	1011.0	59	SSW	4	bc	1002.4	-4	54	0	S	1	-	ot	*	9	66	46	om.c	c.bc	c.b.ot	8.1		
	Malin Head ...	1002.3	60	SW	7	r	999.2	0	55	+2	S	3	SW	o	3	1	66	53	bcq	oqr	cp	7.1		
	Blackrod Point	*	*	S	6	oqr	*	*	*	*	WSW	3	*	cp	4	*	*	*	oqr	oqr	cp	*		
	Valencia ...	1002.7	62	SSW	3	c	1003.4	+2	58	-2	W	5	W	bc	4	5	62	56	omr	mr	cp	1.1		
	Roche's Point	1005.2	61	S	6	r	1004.1	*	57	-3	W	1	W	bc	4	9	64	55	c.or	mr	r.b.c	*		
	Birr Castle ...	1003.8	61	SE	5	r	1001.9	*	54	+2	S	1	-	c	*	3	66	51	c	c.or	op.c	4.7		
	Donaghadee ...	1008.2	60	S	5	bc	1000.7	0	57	+5	S	3	S	cg	2	8	66	52	bc	bc	bc.ot.c	*		
	Liverpool (Bidston)	1011.5	67	-	0	b	1002.6	-3	58	0	SE	3	S	r	2	6	69	56	bm	b	or	9.9		
	Holyhead ...	1011.1	61	SSW	4	ogv	1002.1	+1	59	+4	SW	3	-	cf	2	11	65	55	bc.c.bc	bc.c.oq	ot.o.c.	10.2		
	Pembroke (St. Ann's)	1011.2	59	S	6	c	1003.9	?	59	0	WSW	3	SW	cg	4	20	63	58	bc	bcq	qo	9.5		
	Newquay ...	1012.3	62	S	4	og	1005.4	+2	60	-1	-	0	-	op	3	9	69	57	b	b.o	ot.c.	9.5		
	Scilly (St. Mary's)	1011.3	61	S	5	mqr	1005.5	0	58	0	W	4	W	bc	4	11	66	56	bcv	cg	omr.cp	8.2		
	Jersey (St. Aubin)	1017.2	66	SW	2	b	1008.9	*	61	-1	S	4	W	bc	4	11	66	56	bcv	cg	omr.cp	8.2		
	Portland Bill ...	1015.8	61	SW	4	b	1006.0	-3	60	-2	SSW	5	S	ot	5	5	64	58	bc	bc	bc.or	*		
	Dungeness ...	1014.1	65	SW	5	b	1010.7	-5	63	+3	SSW	5	S	c	4	-	72	60	c.bc	bc	c.bc.	*		
	Dover ...	1014.0	65	SW	3	b	1010.7	-4	61	-5	S	3	S	o	4	-	78	55	bcg.b	b.bc.b	b.b.c.o	9.5		
	Wick ...	1009.0	58	S	2	b	1001.5	-3	56	0	SSE	3	-	bc	4	-	60	55	bc	bc.bm	bm.bm	*		
	Nairn ...	1007.7	65	S	1	bcg	1000.1	*	58	-1	S	1	-	cu	2	-	70	56	b.bc	c.bcz	bcg	9.1		
	Aberdeen ...	1010.8	60	SSE	3	bc	1003.0	-2	56	+3	SSE	3	-	f	2	-	68	53	b	b.bc	bc.ot	11.5		
	Leith ...	1010.2	69	W	1	bc	1001.9	-4	56	+2	SE	2	-	r	*	5	69	52	c.bc.c.	c	c.bc	*		
	Tynemouth ...	1011.8	61	SE	4	cm	1004.5	-5	56	+2	SSW	2	-	omr	3	1	67	54	bc	bc.m	om	*		
	Spurn Head ...	1012.6	63	SSE	2	b	1007.5	-4	58	-4	SSW	5	-	o	4	-	67	55	cm	bc	bc	4.6		
	Yarmouth ...	1012.6	68	N	2	bcm	1010.0	0	60	-5	S	2	-	c	1	6	72	52	f.bcm	bcm	r.c.	8.8		
	Clacton-on-Sea	1012.6	68	SSE	3	bcg	1010.3	-3	62	-5	SSE	5	S	o	4	-	78	57	c.bcz	bcg	bcg.o	9.5		
	Nottingham ...	1012.2	68	SW	2	b	1005.7	*	57	-4	S	2	S	r	*	4	75	53	cm	c.b.	b	6.1		
	Bath ...	1014.5	66	SW	4	b	1005.7	*	59	0	S	3	S	r	*	5	70	58	o.b.c.b	b.bc	b.b.or	9.5		
	London (Kew Obsy.)	1013.5	73	SW	3	b	1008.5	-2	60	-1	S	3	-	otm	*	1	76	56	om.o.b	b.bc.b	bc.otm	9.8		
	Falmouth ...	1013.3	62	WSW	4	o	1005.5	0	59	+2	W	3	*	o	4	10	67	57	*	*	*	*		
	Markree Castle	1002.7	59	S	5	o	1000.0	*	52	0	ESE	1	*	o	*	8	*	*	*	*	*	*		
NORTHERN EUROPE.	Vardö ...																							
	Bodö ...																							
	Christiansund																							
	Skudesnaes ..																							
	Færder (X'ania Fjord)																							
	The Scaw (Skagen)																							
	Blaavands Huk																							
	Haparanda ...																							
	Hernösand ...																							
	Stockholm ...																							
CENTRAL EUROPE.	Wisby ...																							
	Karlstad ...																							
	St. Petersburg																							
	Berlin ...																							
	Frankfurt ...																							
	Munich ...																							
FRANCE.	Vienna ...																							
	Cuxhaven ...																							
	The Helder ...	1013.5	68	SSW	1	c	1011.0	-1	64	-4	SSW	4	-	c	2	-	75	57						
	Brussels ...	*	*	*	*	*																		
	C. Gris Nez ...	1014.7	63	SW	5	c	1011.4	-3	60	-6	SSE	4	*	c	2	-	84	57						
	La Hève ...	1018.0	61	NW	1	bc	1012.0	*	57	-6	SSW	4	*	o	3	-	77	54						
	Ushant ...																							
	Brest (St. Mathieu)	1016.2	69	SSW	3	o	1008.3	0	60	0	NW	3	*	o	3	12	73	59						
	Rochefort (Ile d'Aix)	1019.5	66	NW	3	bc	1014.0	-2	64	0	SSW	3	*	o	*	-	72	63						
	Biarritz ...	1023.1	68	NE	1	c	1014.0	-3	64	-2	SE	2	*	c	2	-	75	61						
SOUTHERN EUROPE.	Paris ...	1017.0	68	WNW	2	bc	1014.0	0	59	-4	SSW	2	-	o	*	-	79	55						
	Belfort ...																							
	Lyons ...	1026.7	64	NW	1	r	1017.2	*	62			0	*	b	*	4	79	56						
	Nice ...	1018.4	68	-	0	b	1013.5	0	70	-1	-	0	*	b	*	-	81	63						
	Perpignan ...	1018.9	72	-	0	o	1016.4	0	68	+4	-	0	*	o	*	-	81	64						
	Sanguinaire ...	*	75	SW	2	b	*	*	71	-1	E	2	*	b	2	-	77	68						
	Corunna (7 a.m.) ...																							
	Madrid (8 a.m.) ...	1015.7	82	-	0	b	1017.2	+1	70	+2	-	0	W	b	*	-	86	61						
AZORES & MADEIRA.	Lisbon (8 a.m.) ...																							
	Gibraltar ...																							
	Rome ...																							
Azores (Horta, 8 a.m.)	1022.7	*	W	4	r	1025.0	*	*	*	-	0	*	o	2	*	*	*	*	*	*	*	*		
Madeira (Funchal)	1021.9	75	NE	3	?	1022.4	0	66	-2	NE	3	-	b	3	*	77	66							

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

‡ The barometric change is expressed in half-millibars.

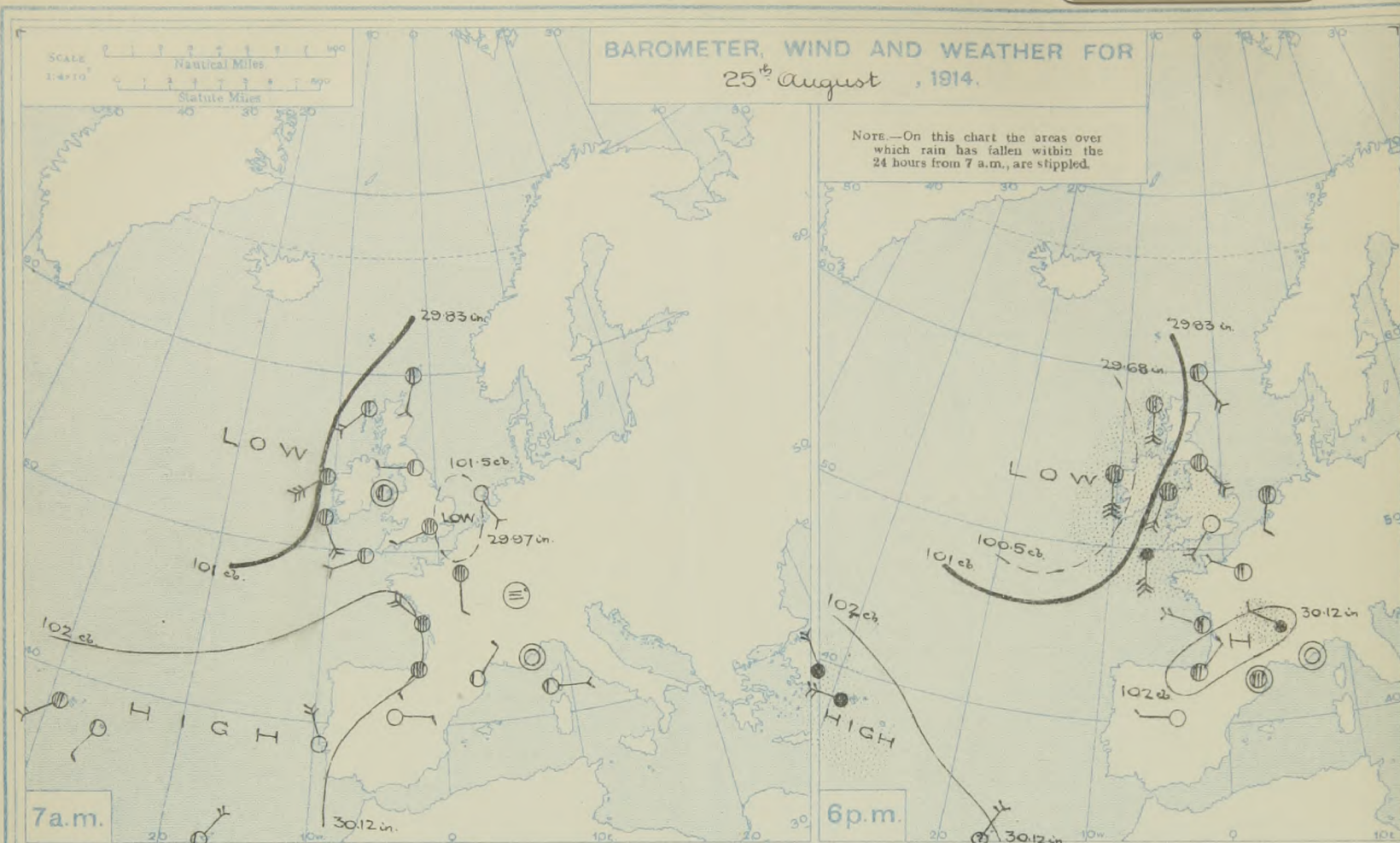
## GALES.

Duration and Extreme Force  
in British Islands.

## Malin Head.

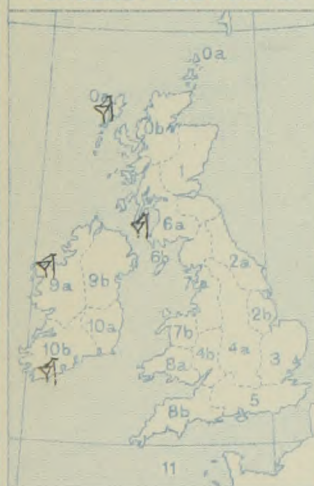
15th, between 4pm and 11pm.

Extremes SE. 8.



FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

Cones hoisted at 2.0 p.m. yesterday.

Western Channel and Bay. 11

Wind between South and West, fresh and gusty at times;

dull, some rain, local mist or fog, fair intervals;

moderate temperature, close.

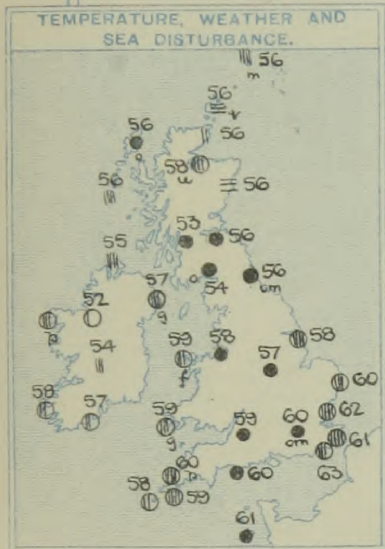
Southerly to Westerly winds, fresh at times; sea slight to rather rough; gusty, some rain, mist or fog, fair intervals; moderate temperature.

FURTHER OUTLOOK.

# SYNOPTIC CHART FOR 7 a.m., Wednesday, 26<sup>th</sup> AUGUST, 1914.

## GENERAL INFERENCE.

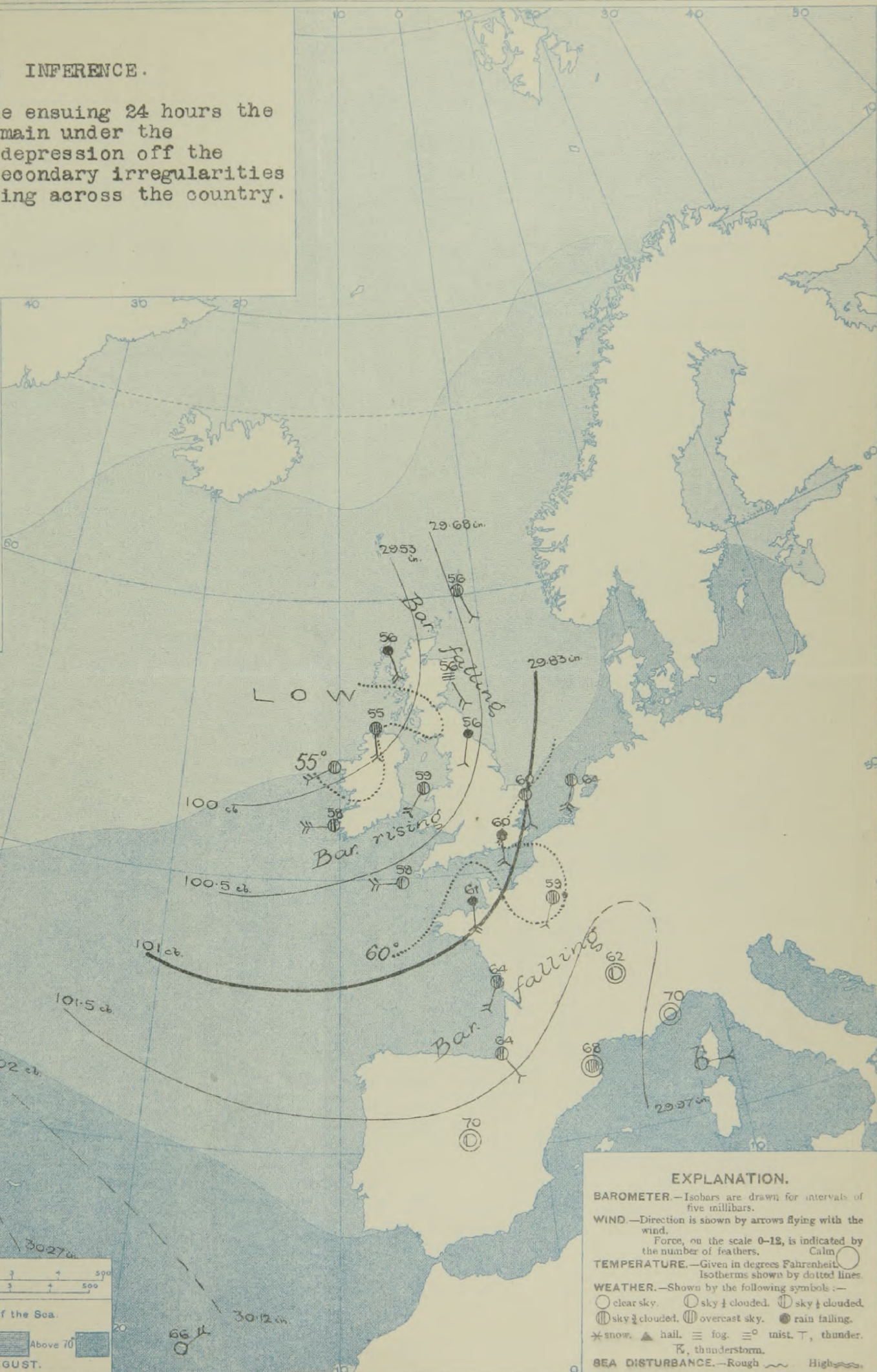
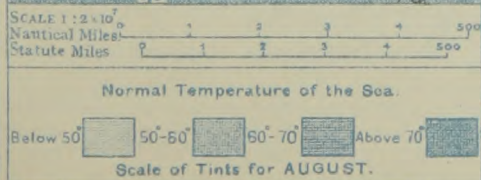
During the ensuing 24 hours the weather will remain under the influence of a depression off the Hebrides and secondary irregularities of pressure moving across the country.



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 1/2 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.		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).	

## 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. §	Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				
		° F.	° F.						
Scotland.							Tunbridge Wells ...		
Banff ...		69	49	b bc	bc	10.5	Margate ...		
Stonehaven ...		68	47	bz	bz	11.0	Ramsgate ...		
Carnoustie ...		64	46	*	*	11.5	Folkestone ...		
St. Andrews ...		69	45	*	*	11.1	Hythe ...		
England, N.E.							Littlestone ...		
Harrogate ...	4	68	54	b	b c c p c	5.1	Hastings ...		
Scarborough ...	*	66	57	of	of	4.6	Bexhill-on-Sea ...		
Skegness ...		67	57	c-o-c.	bc-b.	7.1	Eastbourne ...		
England, N.W.							Seaford ...		
Douglas (I. of M.) ...		65	53	b	b	11.0	Brighton ...		
Morecambe ...		67	54	b c b.	b	7.5	Worthing ...		
Blackpool ...	0.3	66	52	b c b.	bc	7.4	Littlehampton ...		
Southport ...		66	55	b-bc.	c-bc.	7.8	Bognor ...		
Midlands.							Southsea ...		
Buxton ...	4	68	54	bc-r.	bc	7.5	Ryde ...		
Leamington Spa ...		73	?	bc	bc	10.0	Ventnor ...		
Malvern ...		70	56	b	b	9.5	Bournemouth ...		
Ross-on-Wye ...		71	53	w-bc-b.	bc	10.2	Weymouth ...		
Wales.							Exmouth ...		
Rhyl ...		69	51	bc	bc	11.0	Teignmouth to 9 p.m.		
Colwyn Bay ...		70	53	bc	b	10.0	Torquay ...		
Llandudno ...		72	54	b	b	10.0	Paignton ...		
Bettws-y-Coed ...							Plymouth to 9 p.m.		
Aberystwyth ...		67	56	o-c.	c-bc.	9.2	Falmouth ...		
Tenby ...	0.3	68	47	b	b bc.	10.2	Penzance ...		
Swansea ...		68	51	bc	bc	8.2	Bude ...		
Cromer ...		70	61	b	b	8.5	Ilfracombe ...		
Lowestoft ...		71	63	c-bc.	c	8.5	Weston-super-Mare ...	4	
Felixstowe ...		79	60	bc-m	cm	10.3			
Walton-on-Naze ...		71	61	c-bz	bm-cmg	9.2			
Southend-on-Sea ...		81	60	b	b bc	9.1			

## 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.				
Greenwich (Royal Obs.) ...	46	93	Hr.	81	55	49	2	cy	b bc
City (Dunhill Row) ...	*	*	6.9	*	*	*	*	*	*
Westminster (St. James's Pk.)	49	95	8.1	78	58	53	3	bc	c-o.
Camden Sq. (Brit. Rainfall)	51	97	9.0	81	57	52	3	b	*
Hampstead (Reservoir) ...	*	93	9.2	76	55	50	4	bc	or
Richmond Park ...	*	*	9.1						
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.					
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.	Average Rate.	Max. Rate.			
S. Kensington (Roof of M.O.)	?	98	8.8	1351 joules	26.9 Milli-watts.	63.0 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.	
		Max.	Min.			
Dublin to 4 p.m.		69	53	51	bc-mw	bc
Darwin to 9 p.m.	-	73	58	*	c-bc.	bc
Manchester "	0.3	71	56	50	o-b.	bc
Birmingham "	*	75	60	54	cp-bc.	c-bc.
Oxford to 8 p.m.						
S. Kensington (Museum Grounds to 6 p.m.)	-	78	59	52	bz-c.	c-bc

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

26th & 27th August, 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.54	12.55	8.53
Greenwich ...	5.4	12.7	7.50
Wick ...	4.53	12.4	7.25
Valencia ...	5.45	12.43	7.40

## NOTES ON YESTERDAY'S WEATHER.

Temperature exceeded 75° locally in South-Eastern England, and touched 81° at Southend. Rain fell in most places, 20 millimetres at Pembroke, and 28 millimetres at Valencia. Large records of bright sunshine were general, up to about 12 hours at Weymouth and Exmouth. A South-Easterly gale was experienced on the Donegal coast.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; 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.

Thursday  
27th August 1914.

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. Milli- bars at M.S.L.	Change in 3 hours †	Dry Bulb °F	Change in 24 hours, °F	WIND.		Direc. of Upper Cloud.	Weather.	Sea (0-9).	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.						Direc.	Force 0-12.					Max. °F	Min. °F	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Deerness ...	1003.4	55	SE	1	tr	1011.5	*	53	-3	E	2	NW	c	0	18	57	53	f	f.r.f	f.r.c	0.0
	Lerwick ...	1004.8	58	S	2	bc	1009.8	+3	58	+2	SW	1	-	om	1	-	59	55	f	bem	fom	*
	Stornoway ...	1003.3	61	S	2	c	1012.4	+4	56	0	SW	1	-	-	1	1	65	50	op.bc	bc.c	bc.b	5.0
	Castlebay (Barra Isd.)	1003.6	59	W	3	bc	1013.3	+5	56	0	WSW	2	W	bc	2	4	60	55	o.bc	bc	bc	7.8
	Glasgow ...	1004.0	61	W	2	b	1013.3	+5	51	-2	W	1	-	b	*	1	65	49	edp.o.c	c.c.c.bc	bc.bw	5.8
	Eskdalemuir ...	1004.2	59	S	3	cu	1013.7	+5	48	-6	-	0	-	bw	*	7	64	39	o.r.c	cp.cu	cb.bw	2.7
	Malin Head ...	1005.0	58	W	4	bc	1013.9	+5	56	+1	WNW	5	SW	bc	5	-	61	55	bcg	bcg	bc	8.9
	Blackod Point ...	*	*	NW	4	omp	*	*	*	*	WNW	3	*	cm	2	*	*	*	bc	bcp	cm	*
	Valencia ...	1013.2	53	WNW	4	c	1018.9	+3	56	-2	W	2	-	o	4	2	61	54	bcp	cp	c	5.6
	Roche's Point ...	1011.3	59	NW	4	c	1019.5	*	55	-2	W	3	W	c	3	0.2	65	53	bc.op	cp	c	*
	Birr Castle ...	1008.4	58	W	5	c	1019.0	*	54	0	W	2	-	o	*	1	65	49	cp.c	cp	o	7.0
	Donaghadee ...	1004.7	56	NNE	3	bcp tl	1014.2	+5	55	-2	NW	3	NW	bc	2	1	68	52	bc	bcp	cp bc	*
	Liverpool (Bidston)	1006.0	61	WNW	2	b	1013.7	+4	58	0	WNW	3	NW	c	3	-	65	57	po.b	bc	c.bc	7.1
	Holyhead ...	1005.6	61	SW	3	cg	1014.9	+4	57	-2	WNW	5	N	bcg	5	1	67	56	o.c.bcc	bc.o.c	cp.cpf	4.3
	Pembroke (St. Ann's)	1008.0	60	WNW	5	bc	1017.4	+5	56	-3	NW	5	NW	cg	4	-	63	55	cg	b	bc	8.6
	Newquay ...	1009.6	61	W	4	bc	1017.8	+5	59	-1	NW	5	NW	bc	5	0.3	64	57	cp.bcc	b.o.bc	bcg	8.0
	Scilly (St. Mary's)	1011.4	60	WNW	6	bcp	1018.8	+3	58	0	NW	5	NW	cg	5	0.1	65	56	bcg	bcg	bcg cg	10.6
	Jersey (St. Aubin)	1009.9	64	W	4	b	1016.2	*	61	0	NW	4	NW	b	4	4	64	57	r.c	c.bc	bc.b	*
	Portland Bill ...	1008.3	63	WSW	2	bc	1014.5	+4	60	0	NW	4	NW	bc	4	4	64	57	r.c	c.bc	bc.b	*
	Dungeness ...	1007.3	61	SSW	5	agp	1011.0	+3	56	-7	NW	2	NW	bc	2	5	63	53	org	ogp	bc bc	*
	Dover ...	1007.2	60	S	5	o	1011.2	+3	60	-1	NW	4	NW	bc	2	7	61	54	or	op	o bc bc	0.0
Wick ...	1003.2	56	-	0	f	1012.0	+6	53	-3	W	2	-	b	1	1	59	48	bem om	op of	fom bm	*	
Nairn ...	1002.4	65	-	0	bc	1012.6	*	55	-3	SSW	1	-	b	1	0.4	65	50	cg.o	cu	cgd	1.9	
Aberdeen ...	1003.3	59	SSE	2	o	1012.0	+4	58	+2	WNW	1	-	b	2	1	60	55	fomd	omd	omc b	0.0	
Leith ...	1003.9	65	NW	2	bc	1012.8	+6	53	-3	WSW	2	W	c	4	4	66	51	or	c	c bc b	*	
Tynemouth ...	1003.7	64	NW	3	cm	1012.1	+7	53	-3	WNW	2	-	cm	3	4	67	52	omr	omp	bem	*	
Spurn Head ...	1005.3	61	S	3	r	1011.4	+4	58	0	NW	4	-	or	3	6	67	57	or	or	el	0.0	
Yarmouth ...	1006.7	63	S	2	o	1009.7	+4	59	-1	W	2	W	om	1	3	68	55	cr	cr.o	orm	1.5	
Clacton-on-Sea ...	1006.2	64	S	5	o	1010.1	+4	56	-6	W	3	W	bc	2	2	64	53	ogd	cd.og	ogc bc	0.0	
Nottingham ...	1004.9	63	W	2	o	1012.0	*	58	+1	NW	2	NW	b	*	8	69	52	r	o.c.	o.c.	0.9	
Bath ...	1007.1	64	W	2	b	1014.9	*	59	0	WNW	2	NW	bc	*	2	68	55	r.o.c	c.bc.b	bc bp	4.4	
London (Kew Obsy.)	1006.0	67	SE	2	c	1012.5	+4	57	-3	W	2	NW	o	*	3	69	55	omr and	o.c	cp o r	0.1	
Palmouth ...	1010.6	61	W	5	c	1018.3	+4	58	-1	NW	4	*	c	3	-	67	55	*	*	*	7.8	
Marazion Castle ...	1006.8	56	NW	4	o	1016.9	*	53	+1	-	0	*	o	*	7	*	*	*	*	*	*	*

# RAINFALL. 78

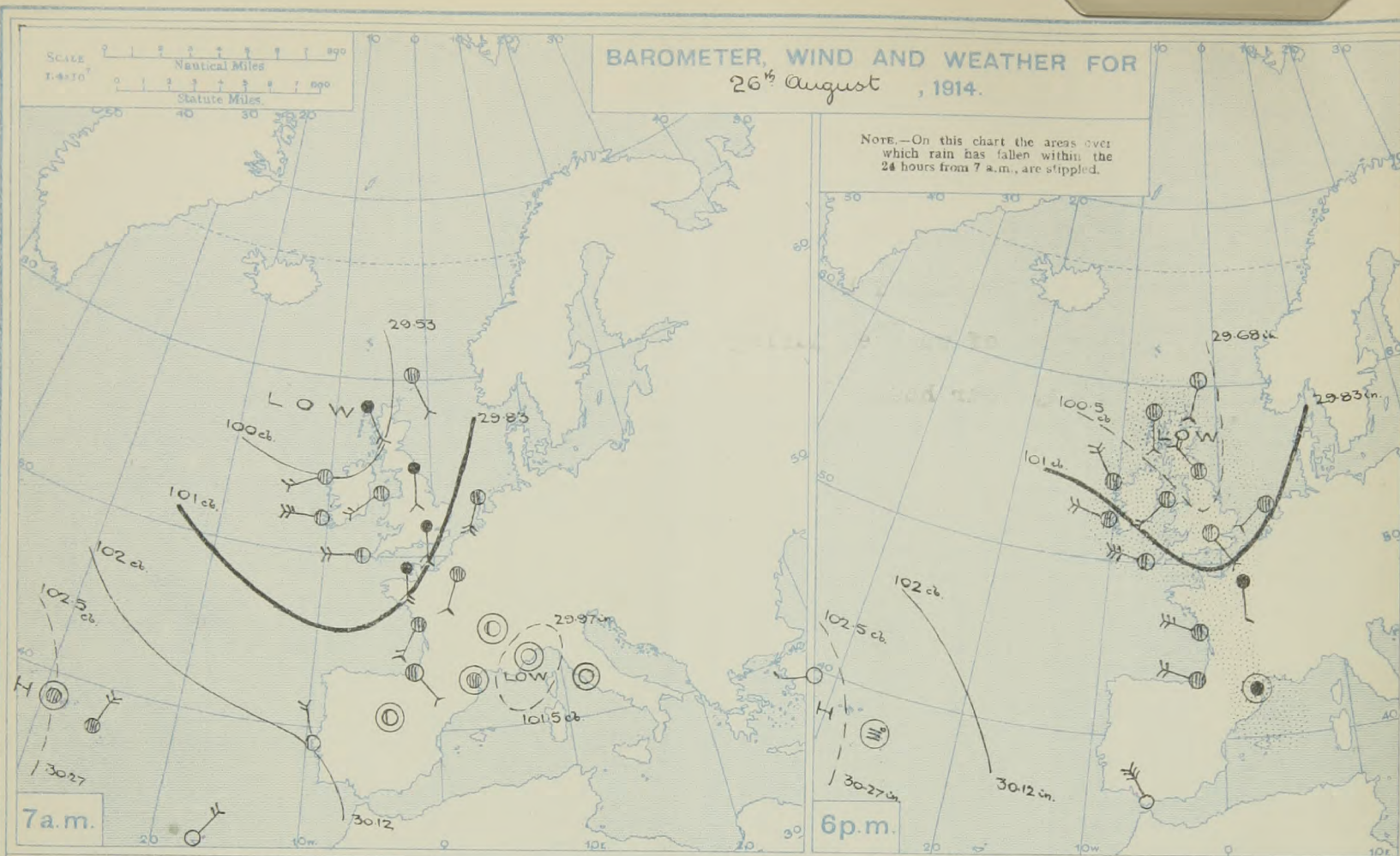
Equivalents of Millimeters  
in Inches.

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	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97

1 Millimeter = 0.03937 inch.

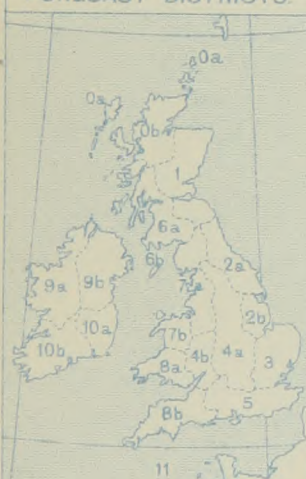
Rainfall amounts expressed in  
Millimeters may therefore be  
converted approximately to  
Hundredths inch. by multiplying

by 4. (Error 1.6 per cent.)



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.

0 { a } Light Westerly to North-Westerly breezes; generally fair to  
b } fine, slight local passing showers; moderate temperature.

2 { a }  
b }  
3 North-Westerly breeze, fresh at times in places; generally  
4 { a }  
b } fair to fine, slight local passing showers; cool.

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

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

9 { a }  
b }  
10 { a }  
b }

Western Channel and Bay. 11

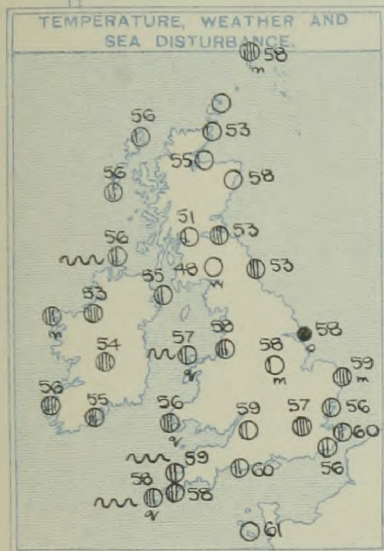
Fresh North-Westerly winds; sea rather rough to moderate; generally fair to fine; cool.

FURTHER OUTLOOK.

# SYNOPTIC CHART FOR 7 a.m., Thursday, 27<sup>th</sup> AUGUST, 1914.

## GENERAL INFERENCE.

A general and steady increase of pressure will be accompanied by a North-Westerly type of weather during the ensuing twenty-four hours.



Inches.

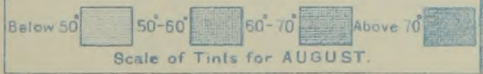
31

30

29

SCALE 1:250,000  
Nautical Miles 0 1 2 3 4 5  
Statute Miles 0 1 2 3 4 5

Normal Temperature of the Sea.



## 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.  
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.	
					mb.	±		(0-12).							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.	
	mm. & f.	° F.	° F.			Hr.		mm. & f.	° F.	° F.			Hr.
Scotland.							Tunbridge Wells ...						
Oban ...	1	62	57	o bcp	bc	2.5	Margate ...	3	62	53	od	dom	0.0
Banff ...	1	61	51	od r	gc o	0.4	Ramsgate ...	4	65	52	r	r o	0.0
Stonehaven ...	—	59	54	cfe	pcg	0.0	Folkestone ...	7	66	57	r	of	0.0
Carnoustie ...	4	59	51	*	*	0.3	Hythe ...						
St. Andrews ...	1	63	49	p	c bc	1.1	Littlestone ...						
England, N.W.							Hastings ...	7	62	56	of	of o	0.0
Harrogate ...	6	67	51	r o c	bc	3.0	Bexhill-on-Sea ...	7	62	57	of	of	0.0
Scarborough ...	*	63	55	o c	o c	0.0	Eastbourne ...	10	62	58	of	of	0.0
Skegness ...	2	63	54	d r g	og c	0.0	Seaford ...	11	63	58	r	r o	0.5
England, N.E.							Brighton ...	6	63	59	of o	o	0.0
Douglas (I. of M.) ...	32	66	56	o c	bc	7.0	Worthing ...	8	65	57	r	o c	0.0
Morecambe ...	6	67	56	r bc	bc b	5.3	Littlehampton ...	6	70	58	of	of pg	0.1
Blackpool ...	8	67	55	c bc	bc b	6.4	Bognor ...	8	69	58	of	of	0.0
Southport ...	8	66	55	o c	c bc b	5.5	Southsea ...	1	69	59	of	o	0.5
Midlands.							Ryde ...						
Buxton ...	9	64	51	bc r	bc	0.9	Ventnor ...						
Leamington Spa ...	7	70	55	of	bc	2.2	Bournemouth ...	8	71	57	of	c bc	2.0
Malvern ...	7	68	55	c	c	1.0	Weymouth ...	11	68	59	o bc	bc g	2.5
Ross-on-Wye ...	5	71	57	of	bc	5.3	Exmouth ...	7	69	?	bc b	b	7.1
Wales.							Teignmouth to 9 p.m.	10	72	60	c bc cp	bc	6.5
Rhyl ...	4	67	57	bc of	bc r o b	6.1	Torquay ...	8	70	60	o	c bc	6.9
Colwyn Bay ...	2	70	58	bc	bc	5.0	Paignton ...						
Llandudno ...	11	68	58	bc	bc	5.3	Plymouth ...	15	68	59	c b p	c b g	6.7
Bettws-y-Coed ...	?	69	57	b	b	8.2	Falmouth ...	10	67	57	bc	bc	7.8
Aberystwyth ...	14	64	59	r o c	b bc	6.0	Penzance ...	19	68	58	bc	bc c	9.1
Tenby ...	21	68	59	b bc	b bc	7.5	Bude ...	11	68	58			9.1
Swansea ...	26	70	61	bc b	bc	8.1	Ilfracombe ...	32	64	58	cp bc	bc p c	7.3
England, S.W.							Weston-super-Mare ...	18	67	57	o c bc	bc b	8.0
Cromer ...	2	66	53	o c r	r o c g	0.1							
Lowestoft ...	1	67	54	c of	of	1.4							
Felixstowe ...	—	?	57	o	of	0.0							
Walton-on-Naze ...	3	63	56	d r g o	of g o g	0.0							
Southend-on-Sea ...	3	65	56	of	of o	0.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
	%	%	Hr.	° F.	° F.	mm. & f.			
Greenwich (Royal Obs.) ...	93	77	0.0	66	54	1.7	0.0	0	0.0
City (Banhill Row) ...	*	*	0.0	*	*	*	*	*	*
Westminster (St. James's Pk.)	88	76	0.0	69	55	5.0	0.1	0.4	0.0
Camden Sq. (Brit. Rainfall)	84	77	0.0	68	54	5.1	0.1	0	*
Hampstead (Reservoir) ...	*	78	0.0	64	52	4.9	0.1	0.0	0.0
Richmond Park ...	*	*	0.0						
Kew. (See front page.)									
(Greenwich and Camden Square air temperatures are in Glaisher screens.)									
S. Kensington (Roof of M.O.)	92	84	0.0						
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
				Total.	Average Rate.	Max. Rate.			
				488 Joules	9.7 Milliwatts.	30.5 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
	mm. & f.	° F.	° F.			Hr.
Dublin to 4 p.m.	6	66	57	of bc	bc	bc p
Darwen to 9 p.m.	11	68	52	bc of	of c	bc p
Manchester "	4	69	56	bc of	of	bc p
Birmingham "	13	67	55	of	r o	r o c
Oxford to 8 p.m.	*					*
S. Kensington (Museum Grounds to 6 p.m.)	4	73	58	of	of o	o

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

	27th & 28th August, 1914.	Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.55	11.34	6.53	
Greenwich ...	4.57	11.54	6.57	
Wick ...	5.1	12.1	6.59	
Valencia ...	5.4	12.13	7.25	
	5.45	12.42	7.40	
	5.47	12.42	7.38	

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to between 70° and 72° at a few places in the south of England, locally in the north it did not touch 60°. Showers fell generally. Many places had no bright sunshine, others had good records, ranging up to 10½ hours at Scilly.

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.

Friday,  
28th August, 1914.

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.					
				Dir.	Force 0-12.		Milli- bars at M.S.L.	Change in 8 hours.	Dry Bulb. °F.	Change in 24 hours.	Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.			
BRITISH ISLANDS.	Deerness ...	1015.9	56	SSE	1	c	1016.9	*	55	+2	S	3	-	og	3	trace	65	53	c.b	b.b.c	c.op	8.3		
	Lerwick ...	1016.7	57	W	2	b	1018.3	0	55	-3	S	2	-	om	1	2	63	53	om	bc	bcp	*		
	Stornoway ...	1015.1	57	SW	6	og	1016.4	+3	55	-1	SW	1	-	c	1	1	63	53	bc	bc.og	o.c	5.3		
	Castlebay (Barra Isd.) ...	1015.7	58	SSE	4	o	1017.4	+2	57	+1	WSW	3	-	c	3	4	59	55	bc.o	c	op.o	2.7		
	Glasgow ...	1018.9	60	W	1	bc	1021.8	+2	56	+5	SSW	3	SW	bc	*	-	67	51	bc	bc.c	bc.b.c	9.4		
	Eskdalemuir ...	1018.9	62	SW	2	bc	1023.5	+2	52	+4	S	2	-	omw	*	-	67	39	b.b.c	bc.c	bc.om	10.7		
	Malin Head ...	1017.8	61	NNW	2	c	1018.4	+2	57	+1	WSW	5	SW	r	4	4	63	54	bc	cg	omgr	6.5		
	Blacksod Point ...	*	*	WSW	5	cg	*	*	*	*	W	3	*	omp	3	*	*	*	bcg	bc.cg	omp	*		
	Valencia ...	1020.6	61	S	3	o	1022.0	+3	60	+4	SSE	3	-	om	4	1	63	56	c	c	or	1.4		
	Rocbe's Point ...	1021.9	64	W	3	b	1024.5	*	60	+5	SW	3	-	o	3	-	66	55	c.o	o.b.c.b	bom	*		
	Birr Castle ...	1020.0	62	W	1	o	1021.7	*	60	+6	S	2	-	o	*	-	65	54	c	c.o	o	2.6		
	Donaghadee ...	1019.1	58	SE	3	bcg	1021.4	+3	58	+3	SSW	2	-	cg	2	-	62	55	cg	bcg	kgbc.c	*		
	Liverpool (Bidston) ...	1020.4	60	NNW	3	b	1024.5	+2	56	-2	SSE	1	-	b	2	-	63	53	bc	b	bm	9.0		
	Holyhead ...	1020.7	63	-	0	bg	1023.8	+2	59	+2	SSW	3	-	bg	2	-	64	56	c.b.c.c	bc.c.b.c	b.b.c.b.w	8.8		
	Pembroke (St. Ann's) ...	1022.3	60	NNW	2	bc	1025.6	+3	58	+2	SW	1	W	bc	1	-	62	55	cg	b	bc	9.5		
	Newquay ...	1021.8	59	NW	4	b	1026.0	+3	60	+1	W	1	-	o	3	-	61	49	bu	bu	bu.c	10.4		
	Scilly (St. Mary's) ...	1022.9	60	NNW	2	bc	1026.0	+3	58	0	W	1	W	cu	2	-	65	57	c	bc	bc.cu	6.4		
	Jersey (St. Aubin) ...	1020.8	63	NW	3	b	1025.2	*	61	0	NW	3	-	b	2	-	66	56	bc	bc	b.b.c	*		
	Portland Bill ...	1019.5	64	NW	4	b	1025.7	+3	59	-1	NNW	3	-	b	2	-	66	56	bc	bc	b.b.c	*		
	Dungeness ...	1018.0	63	N	3	c	1023.5	+3	58	+2	N	2	-	o	2	1	69	54	op.b.c	bc	b.c.c.o	*		
Dover ...	1016.6	62	NNW	4	c	1023.5	+4	62	+2	N	2	N	o	3	-	69	58	bc	bc.c	c.b.c.c.o	6.8			
Wick ...	1016.3	57	SSW	3	b	1017.1	0	56	+3	SSW	3	-	c	3	-	62	52	bm	bm	bm.c.m.c	*			
Nairn ...	1016.1	63	SW	1	cg	1017.4	*	59	+4	-	0	-	cm	1	-	69	52	bc	bc	bc.c	9.2			
Aberdeen ...	1018.0	59	SSE	3	bc	1020.7	+1	57	-1	SSE	3	SW	bc	2	-	68	52	b	b	bc.b	10.2			
Leith ...	1018.3	66	WSW	2	bc	1021.7	+3	60	+7	WSW	3	-	o	*	-	70	53	c.b.c.b	b.b.c	b	*			
Tynemouth ...	1018.8	59	NE	2	bem	1023.6	+3	53	0	W	1	-	f	2	-	65	51	bc.m	bc.m	f	*			
Spurn Head ...	1017.5	64	N	4	b	1025.0	+2	59	+1	NW	2	-	m	3	2	66	56	ot.c	bc	bc.of	4.4			
Yarmouth ...	1016.6	62	NNW	2	o	1024.4	+4	62	+3	NNW	2	NW	bc	1	1	64	55	om	om.o	o.b.c	0.1			
Clacton-on-Sea ...	1016.0	62	NW	2	c	1023.8	+4	60	+4	NW	2	N	c	2	1	70	53	bc.c	cp.c	c	3.8			
Nottingham ...	1018.2	65	NW	3	b	1024.8	*	50	-8	WSW	1	-	bm	*	-	70	47	bm.c	cm.b	b	7.9			
Bath ...	1019.3	68	NW	1	b	1026.1	*	53	-6	W	1	W	b	*	trace	71	47	bc.op	bc.c.b	bmw	9.7			
London (Kew Obs.) ...	1017.7	67	NW	1	c	1025.1	+3	57	0	NE	1	-	om	*	-	70	54	c.b.c.c	c.b.c.c	c.om	3.6			
Falmouth ...	1022.8	60	NNW	2	b	1026.2	+2	58	0	NW	1	*	o	1	-	65	51							
Markree Castle ...						1020.0	*	53	0	SSW	3	*	o	*	1	*	*							
NORTHERN EUROPE.	Vardö ...															*								
	Bodö ...															*								
	Christiansund ...															*								
	Skudesnaes ...															*								
	Færder (X'ania Fjord) ...															*								
	The Scaw (Skagen) ...															*								
	Blaavands Huk ...															*								
	Haparanda ...															*								
	Hernösand ...															*								
	Stockholm ...															*								
CENTRAL EUROPE.	Wisby ...															*								
	Karlstad ...															*								
	St. Petersburg ...															*								
	Berlin ...															*								
	Frankfurt ...															*								
	Munich ...															*								
FRANCE.	Vienna ...															*								
	Cuxhaven ...															*								
	The Helder ...	1015.8	65	ESE	1	c	1023.5	+3	64	+7	N	2	NE	b	1	trace	68	57						
	Brussels ...	*	*	*	*	*										*								
	C. Gris Nez ...	1016.6	63	S	4	o	1023.5	+3	62	+3	N	4	*	o	3	-	66	59						
	La Hève ...	1019.0	61	NNW	4	o	1024.2	*	60	0	N	3	*	o	3	10	73	55						
	Ushant ...	1023.7	59	NW	3	c	1026.6	*	59	0	N	3	*	o	3	-	70	54						
	Brest (St. Mathieu) ...	1024.2	66	NNW	3	c	1027.0	+2	57	0	N	1	*	o	3	-	72	55						
	Rochefort (Ile d'Aix) ...	1020.4	64	NW	5	c	1023.8	+3	59	-3	N	5	*	o	3	2	68	57						
	Biarritz ...	1022.9	68	NNW	4	o	1024.0	+2	61	-5	EHE	3	*	c	3	1	70	60						
SOUTHERN EUROPE.	Paris ...	1017.2	61	NNW	2	o	1023.0	+3	59	+2	NNE	2	-	o	*	12	68	54						
	Belfort ...	1014.0	47	W	3	m	1016.4	*	46		NNE	2	*	f	*	19	51	45						
	Lyons ...	1017.3	61	NNW	1	bc	1018.4	*	55		NNW	3	*	o	*	-	68	52						
	Nice ...	1011.8	64	NE	1	o	1009.1	+4	63		EHE	4	*	o	3	4	75	55						
	Perpignan ...	1016.7	72	NW	4	c	1017.7	0	63	-10	NW	5	NN	c	*	-	75	59						
	Sanguinaire ...	*	71	W	4	o	*	*	69		W	6	*	o	5	-	75	63						
	Corunna (7 a.m.) ...																							
Madrid (8 a.m.) ...	1015.5	81	-	0	b	1020.6	+4	64		NE	2	-	b	*	-	82	55							
Lisbon (9 a.m.) ...	1017.2	73	NNW	5	b	1017.0	+1	68	+5	N	2	-	b	5	-	79	66							
Gibraltar ...																								
Rome ...																								
Azores (Horta, 8 a.m.) ...	1024.7	*	S	3	b	1025.7	*	*	*	W	1	*	o	1	*	*	*							
Madeira (Funchal) ...																								

### RAINFALL.

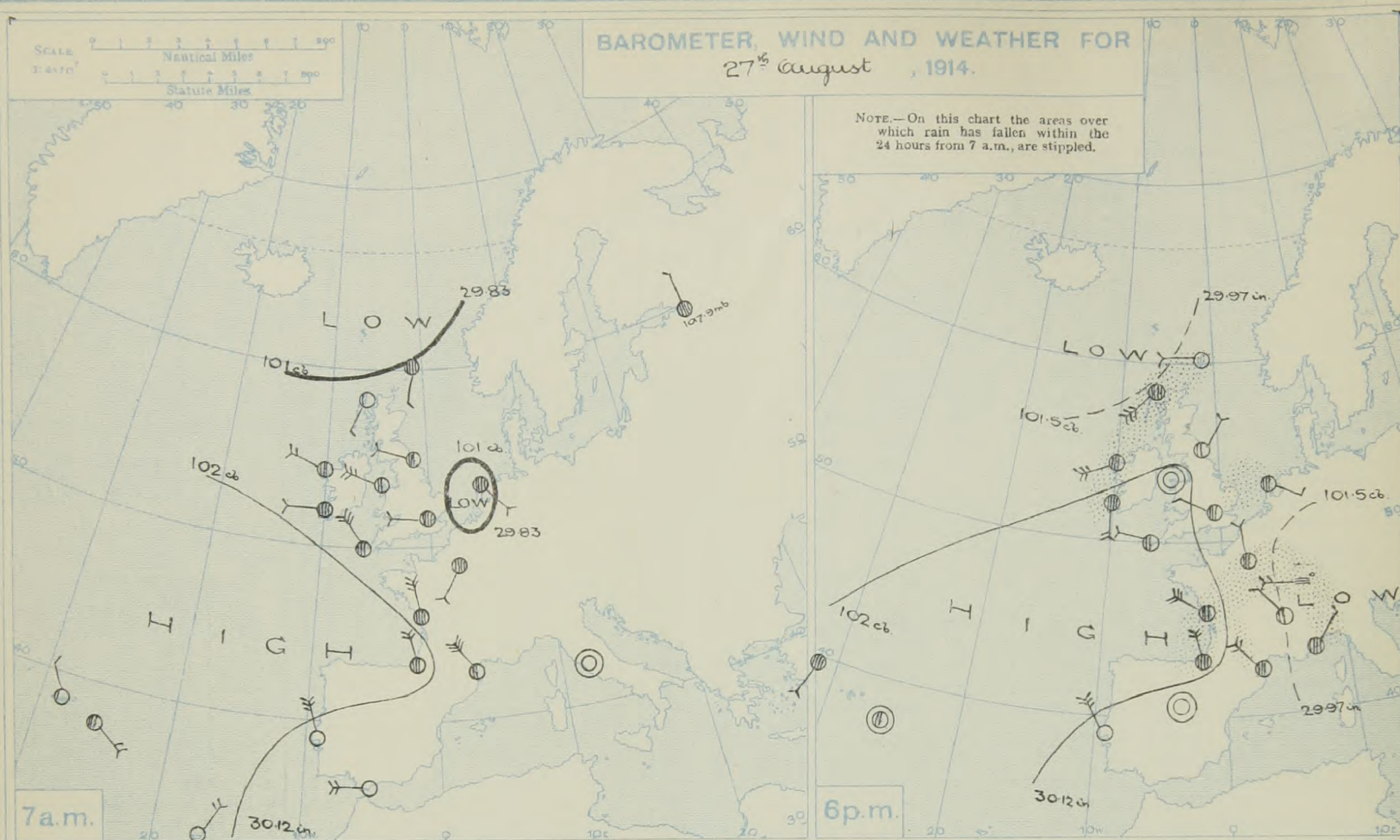
Equivalents of Millimeters in Inches.

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

### RAINFALL.

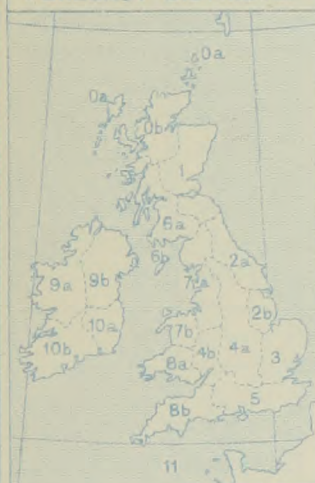
Equivalents of Millimeters  
in Inches.

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



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

Light breezes, mainly South-Westerly; cloudy to fine, local mist; moderate temperature.

Same as No. 5.

Same as Nos. 0 to 2.

Light breezes between North-West and North-East; cloudy to fine, local mist; moderate temperature.

Same as Nos. 0 to 2.

Light breezes between North-West and South-West; cloudy to fine, local mist; moderate temperature.

Light breezes between West and South; cloudy to fine, slight local showers and mist; moderate temperature.

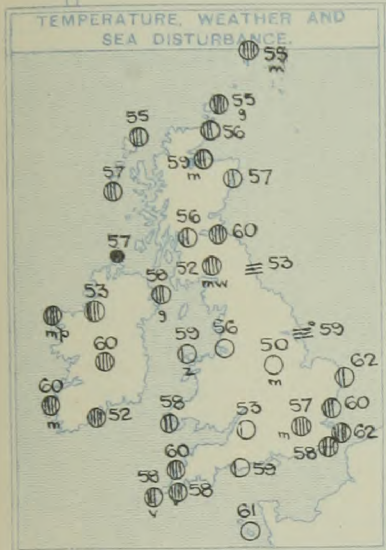
Light breezes, mainly North-Westerly to South-Westerly; slight sea; cloudy to fine, local mist; moderate temperature.

FURTHER OUTLOOK.

# SYNOPTIC CHART FOR 7 a.m., Friday, 28<sup>th</sup> AUGUST, 1914.

## GENERAL INFERENCE.

A very quiet anticyclonic type of weather is expected to prevail over the country generally.

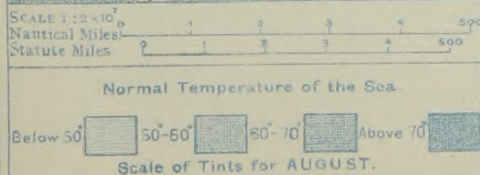


Inches.

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.  
⚡, 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.	
					mb.	±		(0-12).							mb.	±		(0-12).	

## 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	61	48	b.b.c.	o.b.c.	28	England, S.E.	Tunbridge Wells ...	5	68	51	b.c.m.	cm	1.8
	Banff ...	-	67	51	b	b.b.c.	10.7		Margate ...	-	67	58	b	b.c.c.	5.2
	Stonehaven ...	-	66	52	b.g	b.c.g	10.5		Ramsgate ...	-	66	63	b	b.b.c.	6.3
	Carnoustie ...	-	67	49	*	*	9.2		Folkestone ...	-	69	57	b.o.	c	4.7
	St. Andrews ...	-	65	46	*	*	7.1		Hythe ...	-	-	-	-	-	-
Eng., N.E.	Harrogate ...	-	70	49	b	b	10.8	England, S.W.	Littlestone ...	5	67	54	o.b.c.	b.c.	3.6
	Scarborough ...	-	66	56	c.b.	c.b.	6.2		Hastings ...	1	75	54	r.o.c.b.	b.c.	3.0
	Skegness ...	0.3	66	56	c.o.	b.c.b.	5.5		Bexhill-on-Sea ...	1	75	54	r.o.c.b.	b.c.	3.0
Eng., N.W.	Douglas (I. of M.) ...	-	65	54	b.c.	b.c.	8.0		Eastbourne ...	0.3	70	55	o.b.c.p.	b.b.c.p.	4.0
	Morecambe ...	-	68	55	b	b	12.3		Seaford ...	1	71	56	c	c	5.2
	Blackpool ...	-	64	58	b.c.b.	b.b.c.	12.5		Brighton ...	-	72	55	c.b.c.	b.c.c.o.	6.3
	Southport ...	-	64	55	o.c.b.c.	b.c.b.	7.3		Worthing ...	-	71	53	b.c.c.	c.o.	7.3
Midlands.	Buxton ...	17	63	51	b.c.	b.c.	9.0		Littlehampton ...	-	71	52	*	*	8.2
	Leamington Spa ...	-	70	53	b.c.	b.c.	9.3		Bognor ...	-	71	54	b	b	8.3
	Malvern ...	-	68	54	b.c.	b	11.3		Southsea ...	-	70	56	c.b.c.	c.o.	8.8
	Ross-on-Wye ...	-	71	53	w.b.c.	b.c.v.	9.2		Ryde ...	-	-	-	-	-	-
Wales.	Rhyl ...	0.3	62	57	b	b	11.0		Ventnor ...	-	-	-	-	-	-
	Colwyn Bay ...	2	64	57	b.c.	b.c.	7.0		Bournemouth ...	-	68	54	c.b.c.	b	10.0
	Llandudno ...	-	65	56	b	b	9.1		Weymouth ...	-	68	57	c.b.	b.g	11.0
	Bettws-y-Coed ...	-	-	-	-	-	-		Exmouth ...	1	66	56	b	b	11.1
	Aberystwyth ...	1	63	56	r.o.c.	b.b.c.	8.0		Teignmouth to 9 p.m. ...	-	67	57	b.c.b.	b	12.0
England, E.	Tenby ...	1	66	58	b	b.c.	3.7		Torquay ...	0.3	66	56	b.c.	b.c.b.	9.5
	Swansea ...	-	68	54	c.b.c.b.	c.b.c.b.	9.0		Paignton ...	1	67	56	b.c.	b.c.	9.7
	Cromer ...	8	63	57	o.c.	o.c.	0.1		Plymouth ...	-	64	56	b.c.	b	8.5
	Lowestoft ...	4	63	58	o	o	0.1		Falmouth ...	-	65	55	b.c.	b.c.	10.4
	Felixstowe ...	0.3	64	54	c	c	0.1		Penzance ...	1	67	56	b.c.	b.c.c.	7.9
England, E.	Walton-on-Naze ...	0.3	68	53	c.g.cm	o.p.b.c.m.	4.4		Bude ...	-	66	57	b.c.	b.c.c.	5.6
	Southend-on-Sea ...	-	69	54	b	b.c.o.	5.2		Ilfracombe ...	0.3	62	58	c.b.c.	b.c.	7.0
									Weston-super-Mare ...	-	67	58	o.c.b.c.	b.c.	4.5

## 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.		Forenoon.	Afternoon.	Night.
	%	%		Max.	Min.		24 HOURS ENDED 9 A.M. TO-DAY.		
Greenwich (Royal Obs.) ...	66	83	2.4	69	55	4.5	6.3	b.c.b.c.	b.c.o.p.
City (Banhill Row) ...	*	*	3.2	*	*	*	*	b.c.p.	o.p.
Westminster (St. James's Pk.) ...	65	83	3.4	70	55	5.0	-	b.c.p.	o.p.
Camden Sq. (Brit. Rainfall) ...	68	80	4.0	71	54	5.0	-	o.c.	o
Hampstead (Reservoir) ...	*	80	3.2	67	53	4.8	-	c	c.b.c.
Richmond Park ...	*	*	3.2						
Kew. (See front page.)									
(Greenwich and Camden Square air temperatures are in Glaisher screens.)									
S. Kensington (Roof of M.O.)	73	87	2.9						
				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.					
				Total.	Average Rate.	Max. Rate.			
				951 Joules	19.0 Milliwatts.	75.5 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.	
		Max.	Min.				
Dublin to 4 p.m.	mm. §	* F.	F.	* F.			Hr.
Darwen to 9 p.m.	-	67	53	49	b.c.w.	b.c.	9.8
Manchester "	trace	68	54	*	b.b.c.	b.c.	8.7
Birmingham "	-	66	54	41	*	c	8.9
Oxford to 8 p.m.	*						*
S. Kensington (Museum Grounds to 6 p.m.)	1	69	55	49	c.o.	o.o.t.o.	0

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

28th & 29th August, 1914.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.57	12.54	6.51
Greenwich ...	5.7	12.1	6.55
Wick ...	5.7	12.13	7.19
Valencia ...	5.47	12.42	7.36

## NOTES ON YESTERDAY'S WEATHER.

Temperature touched 75° at Bexhill, and passed 70° at a few other stations. Slight showers fell in a few localities between Cromer and Lowestoft the day was all but sunless, but in other districts the records ranged upwards to 12 hours at Teignmouth, 12.3 hours at Morecambe, and 12½ hours at Blackpool.

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.

Saturday,

29th August, 1914.

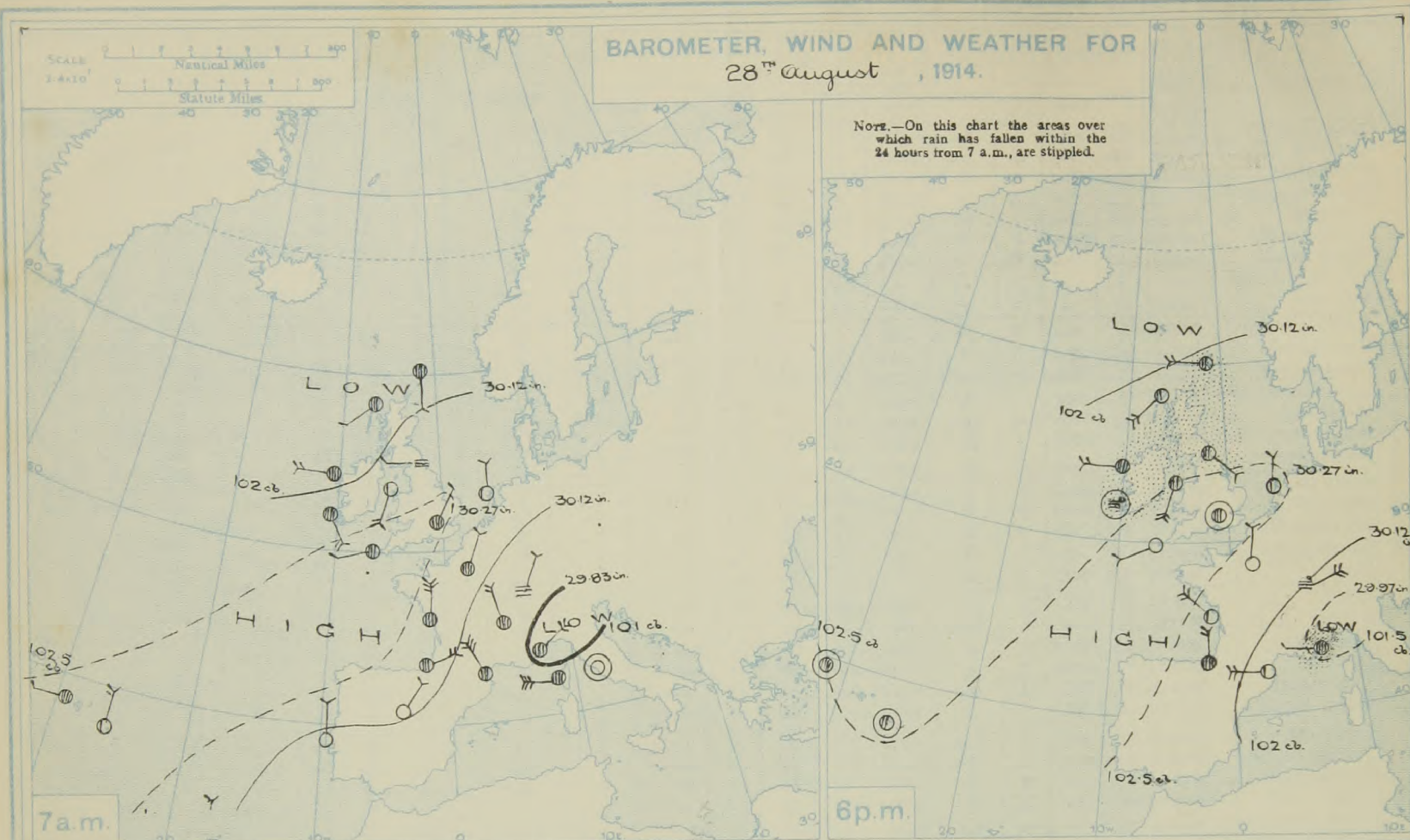
DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.
		BAROM. Milli- bars at M.S.L.	TEMP.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 5 hours.	Dry Bulb. °F.	Change in 24 hours.	WIND.	Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.												Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Deerness ...	1021.3	58	NW	1	bc	?	*	53	-2	SSW	1	NW	bc	0	11	60	49	o.c	c.bc	bcw	2.7
	Lerwick ...	1020.8	56	W	3	bc	1022.7	0	54	-1	W	1	W	bc	1	1	58	50	omd	bcp	bcw	*
	Stornoway ...	1021.5	60	SW	4	b	1024.9	+2	53	-2	WSW	2	SW	bc	2	-	64	45	bc	bc.b	b.be.	9.3
	Castlebay (Barra Isd.)	1022.2	59	SW	3	c	1025.3	+2	55	-2	WSW	2	-	o	2	0.1	61	51	c	c.be	c.o.b	9.3
	Glasgow ...	1023.5	58	SW	1	od	1025.0	+1	54	-2	WNW	1	SW	o	*	11	60	53	c.odp	od	otm.bm	0.6
	Eskdalemuir ...	1024.4	57	SSW	3	o	1024.5	0	59	+7	-	0	-	o	*	8	61	51	om.c.o	o	ot.o	0.3
	Malin Head ...	1022.6	59	NW	4	b	1025.9	+2	55	-2	WNW	2	SW	b	3	1	62	54	cm	cm	bc	0.3
	Blacksod Point ...	*	*	W	3	oz	*	*	*	*	-	0	*	bcw	1	*	*	*	om.c	oz	bcw	*
	Valencia ...	1023.7	61	-	0	m	1026.4	+1	56	-4	-	0	SW	c	3	4	62	54	omr	omd	c	0.0
	Roche's Point ...	1025.5	61	SW	3	ome	1026.7	*	58	-2	NW	1	-	o	2	2	63	58	om	ome	omd.o	*
	Birr Castle ...	1023.1	64	SSW	1	r	1026.6	*	55	-5	NW	1	-	o	*	3	66	55	om	m.ot	ot.o	0.0
	Donaghadee ...	1022.6	60	SSW	3	omr	1025.3	+2	56	-2	NNW	2	W	bc	2	6	61	55	omd	omr	om.b	*
	Liverpool (Bidston)	1025.5	65	NW	1	b	1026.0	0	60	+4	S	1	-	o	1	-	68	56	b	b	c.o.	12.4
	Holyhead ...	1025.0	62	SSW	4	efg	1025.4	+1	60	+1	SW	3	-	ofd	2	5	64	58	bc.c	c.o	ofod	3.5
	Pembroke (St. Ann's)	1027.2	60	SW	3	bc	1027.5	+1	61	+3	WSW	3	-	odm	3	-	64	58	bc	bc	bc	11.7
	Newquay ...	1027.3	62	W	2	b	1028.0	+1	61	+1	-	0	-	b	2	-	66	50	o.bu	bu	b	8.2
	Scilly (St. Mary's)	1027.4	63	WSW	2	b	1028.1	+1	59	+1	SW	1	-	b	2	0.1	67	57	bc	bc	b.be	9.5
	Jersey (St. Aubin)	1027.3	64	NW	3	b	1028.3	*	63	+2	-	0	-	b	2	-	67	55	-	-	b	*
	Portland Bill ...	1026.7	63	W	3	b	1028.2	+1	59	0	N	1	-	b	2	-	67	55	-	-	b	*
	Dungeness ...	1025.4	65	S	1	b	1027.3	+1	58	0	N	1	-	fe	0	-	72	52	o.e.be	c.be.b	bfe	*
	Dover ...	1025.7	65	NE	2	b	1027.4	+2	66	+4	-	0	-	bz	1	0.3	74	52	o.e.be	b	bm.bz	8.8
	Wick ...	1021.8	56	SSE	1	bc	1024.5	+2	50	-6	SSW	1	-	c	2	3	61	45	omp	bcw	omp.c	*
	Nairn ...	1021.6	66	W	1	bcg	1024.1	*	50	-9	SW	1	-	bc	1	1	67	41	d.be.c	bcw	bcp	1.8
	Aberdeen ...	1022.1	63	SSW	1	o	1024.2	+1	57	0	WNW	3	-	c	1	0.2	67	56	bc.od	o	o.cb	3.0
	Leith ...	1023.8	63	WSW	2	o	1024.3	+2	58	-2	WSW	2	-	o	1	8	67	57	c.o	og	ot	*
Tynemouth ...	1024.3	61	SE	2	cm	1024.8	0	61	+8	SW	2	-	om	1	1	72	53	bcw	bcw	omp	*	
Spurn Head ...	1025.7	62	SE	3	b	1027.0	0	60	+1	WNW	2	-	b	2	2	66	56	f	f	b	5.2	
Yarmouth ...	1026.1	61	NE	2	bcw	1027.5	+2	58	-4	W	2	-	f	1	-	68	54	bcw	bcw	f	9.3	
Clacton-on-Sea ...	1025.6	65	ESE	2	bc	1027.2	+1	64	+4	NNW	1	-	bcw	0	-	70	54	c.be	bc	bcw.m	6.5	
Nottingham ...	1025.2	67	W	2	b	1027.0	*	54	+4	WSW	1	-	bcw	*	-	73	50	bcw	b	b	10.5	
Bath ...	1026.4	65	W	2	b	1028.1	*	50	-3	N	1	-	m	*	-	71	47	m.b.be	bc.bz	bmw	11.6	
London (Kew Obs.)	1025.2	72	-	0	cm	1027.8	0	56	-1	SW	1	-	bmw	*	trace	74	53	om.bcm	bcw.cmg	cmw	6.2	
Falmouth ...	1027.6	65	NNW	1	b	1028.1	0	55	-3	-	0	*	bw	0	-	68	53	*	*	*	4.8	
Marazion Castle ...	1023.3	59	-	0	o	1026.7	*	46	-7	-	0	*	f	*	-	*	*	*	*	*	*	
NORTHERN EUROPE.	Vardö ...															*						
	Bodö ...															*						
	Christiansund ...															*						
	Skudesnaes ...															*						
	Færder (X'aniafjord)															*						
	The Scaw (Skagen)															*						
	Blaavands Huk ...															*						
	Haparanda ...															*						
	Hernösand ...															*						
	Stockholm ...															*						
CENTRAL EUROPE.	Wisby ...															*						
	Karlstad ...															*						
	St. Petersburg ...															*						
	Berlin ...															*						
	Frankfurt ...															*						
	Munich ...															*						
	Vienna ...															*						
FRANCE.	Cuxhaven ...															*						
	The Helder ...	1025.1	66	N	2	b	1027.4	+2	64	0	NNW	1	-	o	0	-	72	63				
	Brussels ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	C. Gris Nez ...	1023.9	64	NE	3	m	1027.1	+1	63	+1	NE	2	*	m	1	trace	72	57				
	La Hève ...	1026.3	61	N	2	b	1027.7	*	63	+3	NNW	2	*	b	1	-	75	59				
	Ushant ...	1027.7	61	N	1	b	1029.0	*	58	-1	N	1	*	b	3	-	72	52				
	Brest (St. Mathieu)	1024.0	62	NNW	3	bc	1028.8	0	55	-2	NE	2	*	b	1	-	68	52				
	Rochefort (Ile d'Aix)	1023.3	68	NW	4	b	1025.7	0	62	+3	NE	3	*	b	1	-	72	59				
	Biarritz ...	1024.0	66	N	3	o	1024.2	0	66	+5	SE	2	*	bc	2	-	70	61				
	Paris ...	1023.8	68	NNE	2	b	1025.7	+2	63	+4	NNE	2	-	o	*	-	73	57				
SOUTHERN EUROPE.	Belfort ...	1021.1	63	ESE	4	m	1024.0	*	59	+13	ESE	5	*	f	*	-	66	?				
	Lyons ...															*						
	Nice ...	1014.7	63	W	1	o	1016.3	+1	73	+10	NE	3	*	bc	1	1	?	57				
	Perpignan ...	1018.7	66	W	4	b	1021.0	+2	68	+5	W	3	*	b	1	-	68	63				
	Sanguinaire ...	*	70	SW	3	o	*	*	68	-1	N	3	*	o	5	-	72	52				
	Corunna (7 a.m.) ...															*						
	Madrid (8 a.m.) ...															*						
	Lisbon (9 a.m.) ...															*						
	Gibraltar ...															*						
	Rome ...															*						
Azores (Horta, 9 a.m.)	1024.7	*	SW	4	bc	1025.0	*	*	*	W	2	*	b	1	*	*	*					
Madeira (Funchal)															*	*	*					

1 Millimeter = 0.03937 inch.  
Rainfall amounts expressed in  
Millimeters may therefore be  
converted approximately to  
Hundredths inch by multiplying  
by 4. (Error 1% per cent.)

## RAINFALL.

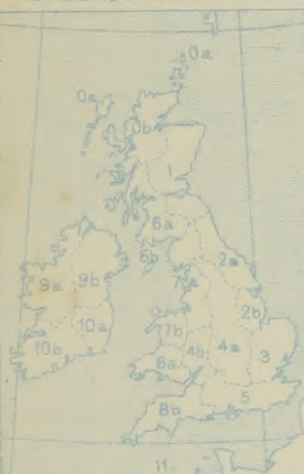
Equivalents of Millimeters  
in Inches.

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	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97



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

**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 breezes, mainly Westerly; generally fair to fine; warm day, cool night.

2 } Calms and light variable breezes; cloudy to fine; warm day, cool night.

6 } Same as Nos. 0 and 1.

8 } Same as Nos. 2 to 5.

Western Channel and Bay. 11 } Calms and light variable breezes; generally fair to fine, local fog; moderate temperature; sea slight.

**FURTHER OUTLOOK.**

Millibars  
1050

1040

1030

1020

1010

1000

990

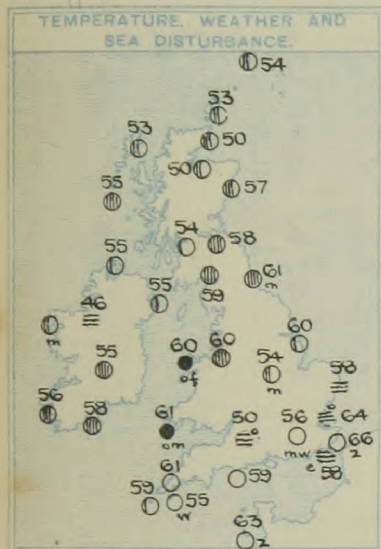
980

970

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

## GENERAL INFERENCE.

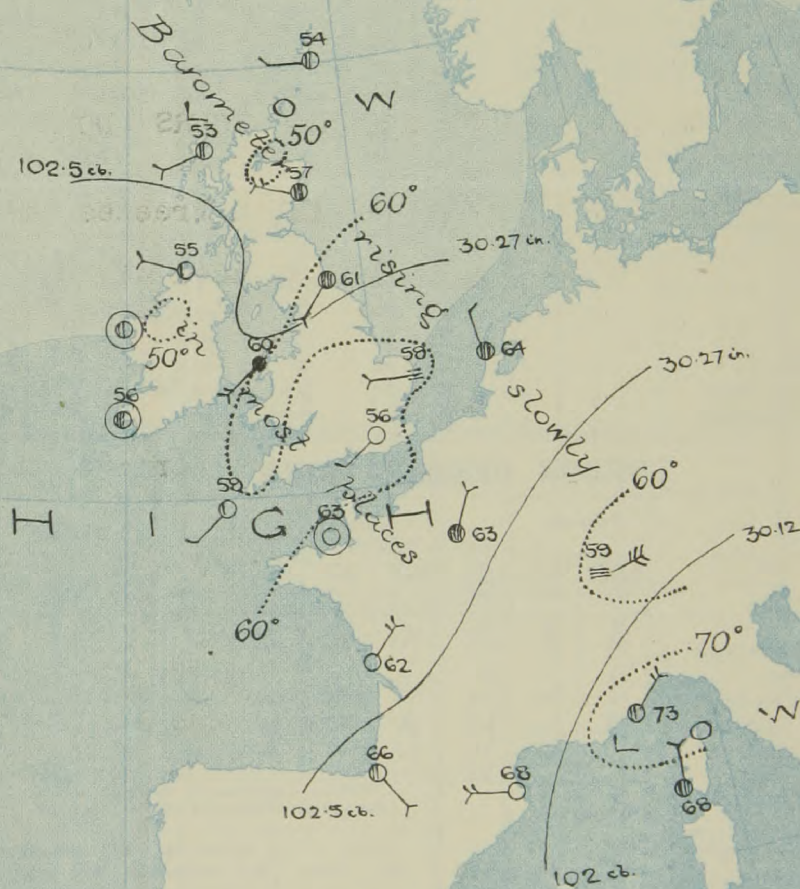
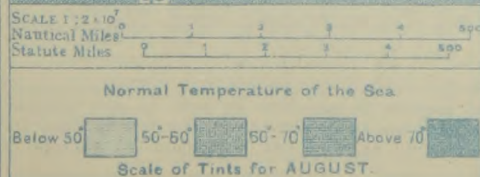
The barometer maintains an upward tendency, and there are no indications of an important change in the existing conditions.



ches.  
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 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).	

## 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.	d. op.	bc.	Hr.	England, S.E.	Tunbridge Wells ...	min. §	° F.	° F.	mc. bc.	b. bc.	Hr.
	Banff ...	1	60	52	of	o	1.4		Margate ...	—	73	53	mc. bc.	b. bc.	6.4
	Stonehaven ...	—	67	50	bc.	cg.	2.9		Ramsgate ...	—	68	60	bc.	b.	6.9
	Carnoustie ...	—	66	49	*	*	2.6		Folkestone ...	—	68	59	b.	b.	7.5
	St. Andrews ...	—	65	49	*	*	2.2		Hythe ...	—	71	57	b.	b.	9.7
Eng. N.E.	Harrogate ...	—	69	48	b.	bc. bc.	11.5	England, S.W.	Littlestone ...	—	69	56	bc. b.	b.	6.5
	Scarborough ...	—	70	52	c. b.	c. b.	8.6		Hastings ...	—	69	54	bc.	b.	8.0
	Skegness ...	—	68	55	c. bc. b.	b.	9.2		Bexhill-on-Sea ...	—	69	55	b.	b.	8.4
Eng. N.W.	Douglas (I. of M.) ...	—	61	53	c. o.	od.	2.0		Eastbourne ...	—	69	55	b.	b.	10.2
	Morecambe ...	—	68	50	b.	bc.	8.3		Seaford ...	—	70	54	b.	b.	9.3
	Blackpool ...	—	67	47	b.	bc. c.	8.6		Brighton ...	—	73	55	b. bc.	bc. c. o.	10.4
	Southport ...	—	67	48	b. bc.	c. bc.	9.5		Worthing ...	—	72	55	b.	b. bc.	11.4
Midlands.	Buxton ...	—	67	46	b.	bc.	11.7		Littlehampton ...	—	72	53	b.	b.	11.5
	Leamington Spa ...	—	72	47	b.	bc.	10.5		Bognor ...	—	74	54	b.	b.	11.4
	Malvern ...	—	70	50	b.	b.	12.4		Southsea ...	—	74	54	b.	b.	11.4
	Ross-on-Wye ...	—	73	44	w. f. b.	bc.	10.4		Ryde ...	—	72	51	b.	b.	12.0
Wales.	Rhyl ...	—	69	46	b.	b.	10.0		Bournemouth ...	—	72	51	b.	b.	12.0
	Colwyn Bay ...	—	69	50	b.	b.	8.3		Weymouth ...	—	71	54	b.	b.	12.0
	Llandudno ...	—	70	52	b.	b.	8.3		Exmouth ...	—	68	56	b.	b.	12.1
	Bettws-y-Coed ...	—	68	46	b.	b.	6.8		Teignmouth to 9 p.m.	—	71	52	bc.	bc.	12.1
	Aberystwyth ...	—	67	50	c. bc.	b. bc.	11.0		Torquay ...	—	68	50	b.	b. bc.	10.9
England, E.	Tenby ...	—	67	41	b.	b.	9.5		Paignton ...	—	69	49	b. bc.	bc.	10.9
	Swansea ...	—	67	49	c. bc.	b.	6.3		Plymouth ...	—	67	49	c. b.	c. b. v.	7.8
	Cromer ...	—	65	59	bc.	bc. bc.	5.5		Falmouth ...	—	68	53	c. c.	bc.	3.9
	Lowestoft ...	—	65	60	b.	bc. bc.	8.6		Penzance ...	—	70	57	bc.	b.	7.3
	Felixstowe ...	—	70	58	c.	bc.	7.7		Bude ...	—	68	47	c. bc.	b.	6.0
	Walton-on-Naze ...	—	72	57	c. c.	bc. bc.	6.2		Ilfracombe ...	—	65	53	bc. b.	b.	8.0
	Southend-on-Sea ...	—	72	54	b. bc.	bc. b.	5.7		Weston-super-Mare ...	—	68	49	b.	b.	11.0

## 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 ENDING 9 A.M. TO-DAY.						
Greenwich (Royal Obs.) ...	% 59	% 76	Hr. 4.3	°F. 76	°F. 52	°F. 45	mm. § -	b	bγ	bγ
City (Sunhill Row) ...	* 62	* 80	4.1	* 73	* 54	* 49	* -	* m.b.c.	* b.c.	* b.c. obn.
Westminster (St. James's Plk.)			3.9							
Camden Sq. (Brit. Rainfall)	55	70	6.8	78	53	50	-	c.b.c.	b.c.b.	*
Hampstead (Reservoir) ...	*	88	6.4	74	55	46	-	b.c.	b.c.	c.b.c.
Richmond Park	*	*	6.8							
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
(Greenwich and Camden Square air temperatures are in Glaisher screens.)				Total.		Average Rate.		Max. Rate.		
S. Kensington (Roof of M.O.)	63	84	6.2	1232 Joules		24.8 Milliwatts.		59.0 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.	—	69	55	53	od	o c.	c	*
Darwen to 9 p.m.	—	70	48	45	baw	b c	b c	10.5
Manchester "	—	72	48	45	bw	b	b	8.3
Birmingham "	—	71	49	34	x	b	b	10.8
Oxford to 8 p.m.	*	74	50	43	b, b, m, w	b	b	*
S. Kensington (Museum Grounds to 6 p.m.)	—	75	55	49	c	c	c, z, o, g	*

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

29th & 30th August 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.59	G.M.T. 11.54	G.M.T. 6.47
Greenwich ...	5.09	12.1	6.53
Wick ...	5.7	12.13	7.19
Valencia ...	5.48	12.42	7.34

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to between 70° and 75° in many parts of England. Deerness and Glasgow had 11 mm of rain, some other localities only slight showers. Some parts of Ireland and Scotland had little or no bright sunshine, the records elsewhere ranging up to 12½ hours at Liverpool and Malvern.

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.

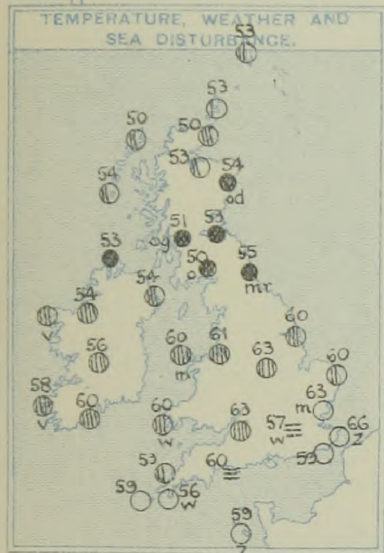
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
30th August, 1914.

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. Milli- bars at M.S.L.	Change in 3 hours.	TEMP. °F.	Change in 24 hours.	WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dirac.	Force 0-12.						Dirac.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Deerness	1024.7	56	NW	2	c	1025.0	*	53	0	NW	2	NW	b	1	-	61	49	bc	bc.c	c.b.c	6.8
	Lerwick	1024.6	56	W	2	bc	1024.5	0	53	-1	W	1	W	bc	1	Trace	59	50	a	*	bc.c	*
	Stornoway	1025.1	59	SW	4	c	1026.0	+1	50	-3	W	1	NW	bc	1	-	63	44	bcg	bc.c	c.b.c	5.5
	Castlebay (Barra Isd.)	1025.8	57	W	2	o	1025.7	0	54	-1	-	0	W	bc	1	-	58	49	o	o	c.b.c	6.1
	Glasgow	1025.7	58	W	3	o	1025.2	+1	51	-3	WSW	1	-	ogr	*	65	51	f	bc.c	c.b.c	8.0	
	Eskdalemuir	1025.0	61	SSW	2	o	1025.2	0	50	-9	-	0	-	or	*	6	58	49	f.c	c.o	or	3.7
	Malin Head	1026.0	58	NNE	2	c	1025.0	0	53	-2	NNE	1	-	r	2	1	61	52	bc	cg	od	5.9
	Blacksod Point	*	*	NE	1	cg	*	*	*	*	NE	2	*	at	2	*	*	*	bcg	bz	cp	*
	Valencia	1024.0	60	-	0	mr	1024.0	+2	58	+2	N	1	-	or	3	29	61	55	omr	omr	mro	0.8
	Roche's Point	1025.9	60	3	1	o	1024.3	*	60	+2	SW	3	-	o	3	4	64	58	cg	cgmd	feond	*
	Birr Castle	1025.8	59	NW	1	r	1023.8	*	56	+1	NW	1	-	o	2	16	65	55	c.o	or	or.od	1.9
	Donaghadee	1026.1	56	N	3	omr	1024.9	+1	54	-2	N	3	N	c	2	10	66	52	bc	cg	omr	*
	Liverpool (Bldston)	1026.3	60	WNW	1	r	1024.1	+1	61	+1	WSW	2	W	o	2	1	67	58	o	o	od	0.0
	Holyhead	1026.2	61	E	1	omg	1024.2	0	60	0	SW	2	-	om	1	5	64	57	of.od	o.ond	q.or.f	0.0
	Pembroke (St. Ann's)	1026.9	59	WSW	2	f	1025.7	-1	60	-1	WSW	2	SW	Cw	2	0.3	63	59	odm	omfd	q.or.f	0.0
	Newquay	1027.1	63	W	1	b	1025.8	0	59	-2	-	0	-	bcg	2	-	68	50	br	br	b	12.6
	Scilly (St. Mary's)	1027.5	65	W	1	b	1025.7	-1	59	0	-	0	-	b	2	0.1	68	56	bc	-	bw	12.5
	Jersey (St. Aubin)	1026.8	64	NW	3	b	1026.0	*	59	-4	N	2	-	bz	*	*	*	*	-	-	*	*
	Portland Bill	1027.2	64	W	1	b	1026.2	+1	60	+1	-	0	-	f	2	-	66	58	b	b.b.c	b.f	*
	Dungeness	1026.1	66	SW	2	b	1026.6	-1	59	+1	-	0	-	f	0	-	69	55	f.b.c.b	c.b.c	bz	*
Dover	?	65	-	0	b	1026.5	0	66	0	SE	1	-	bz	2	-	71	62	b	b	b	11.9	
Wick	1025.6	55	-	0	o	1025.2	+1	50	0	WNW	2	-	c	1	-	58	47	c.om	om	c.om	*	
Nairn	1024.9	59	-	0	cg	1025.9	*	53	+3	-	0	-	bc	0	-	63	49	bc	og	bc.cw	3.5	
Aberdeen	1025.7	57	ENE	1	o	1025.6	+	54	-3	-	0	-	od	1	0.4	66	53	c.b.c	c.o	od	3.5	
Leith	1025.1	61	W	1	o	1024.5	+1	53	-5	SW	3	W	r	1	-	55	53	og.c	c.o	o	0.9	
Tynemouth	1025.2	58	NNW	3	om	1024.3	-1	55	-6	W	2	-	omr	2	8	67	54	om	om	omr	0.9	
Spurn Head	1027.0	67	SW	1	o	1024.4	0	64	+4	-	0	-	c	2	-	73	59	c	c.o	o	4.8	
Yarmouth	1025.5	69	S	2	bcm	1025.0	0	60	+2	W	2	W	bc	1	-	71	54	f.b.c	bcm	bc	9.3	
Clacton-on-Sea	1025.6	67	SE	2	bz	1024.9	0	63	-1	-	0	-	bm	0	-	71	56	bcg	bc.bz	bcg	10.6	
Nottingham	1025.9	68	WSW	2	o	1024.9	*	63	+9	SW	1	SW	o	*	-	72	54	bc.c	c.o	c.b.c	2.1	
Bath	1026.7	70	W	1	b	1025.7	*	63	+13	W	1	W	o	*	Trace	73	55	m.b.c.c	bc.b	b.b.c	11.8	
London (Kew Obs.)	1025.4	77	NW	1	bz	1025.6	+1	57	+1	SW	1	-	fw	*	Trace	79	55	bmw.bz	bz	bz.fw	11.5	
Falmouth	1027.2	66	WSW	2	b	1026.3	0	56	+1	NW	1	*	bw	0	-	70	53	*	*	*	61.4	
Marazion Castle	1026.4	56	-	0	o	1025.4	*	54	+8	NNE	1	*	o	*	14	*	*	*	*	*	*	
NORTHERN EUROPE.	Vardö	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bodö	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Christiansund	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Skudesnaes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Færder (Xiania Fjord)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	The Scaw (Skagen)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Blaavands Huk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Haparanda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hernösand	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Stockholm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
CENTRAL EUROPE.	Wisby	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Karlstad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	St. Petersburg	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Berlin	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Frankfurt	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Munich	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Vienna	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Cuxhaven	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	The Helder	1026.4	64	W	1	b	1025.2	0	61	+3	S	1	-	c	0	-	68	54	-	-	-	-
	Brussels	*	*	*	*	*	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
FRANCE.	C. Gris Nez	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	La Hève	1027.3	61	NNE	2	m	1026.3	*	61	-2	-	0	*	m	0	-	77	57	-	-	-	-
	Ushant	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Brest (St. Mathieu)	1027.5	66	NNE	3	b	1026.4	+1	57	+2	ESE	1	*	b	1	-	77	54	-	-	-	-
	Rochefort (Ile d'Aix)	1023.4	75	NE	4	c	1023.0	+1	67	+5	ENE	3	*	b	*	-	77	59	-	-	-	-
	Biarritz	1023.0	70	NW	2	o	1022.6	+1	67	+1	SW	2	*	c	3	-	79	66	-	-	-	-
	Paris	1024.4	73	NNE	2	b	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Belfort	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Lyons	1023.5	68	NW	1	c	1022.5	*	66	+4	NE	1	*	o	*	-	74	59	-	-	-	-
	Nice	108.7	70	-	0	c	1019.0	+2	74	+1	NE	3	*	o	2	Trace	84	57	-	-	-	-
SOUTHERN EUROPE.	Perpignan	1019.3	75	N	3	b	1021.5	+2	70	+2	NW	1	*	b	*	-	81	65	-	-	-	-
	Sanguinaire	*	70	N	2	o	*	*	72	+4	N	2	*	o	4	-	72	63	-	-	-	-
	Corunna (7 a.m.)	1020																				



# SYNOPTIC CHART FOR 7 a.m., Sunday, 30<sup>th</sup> AUGUST, 1914.

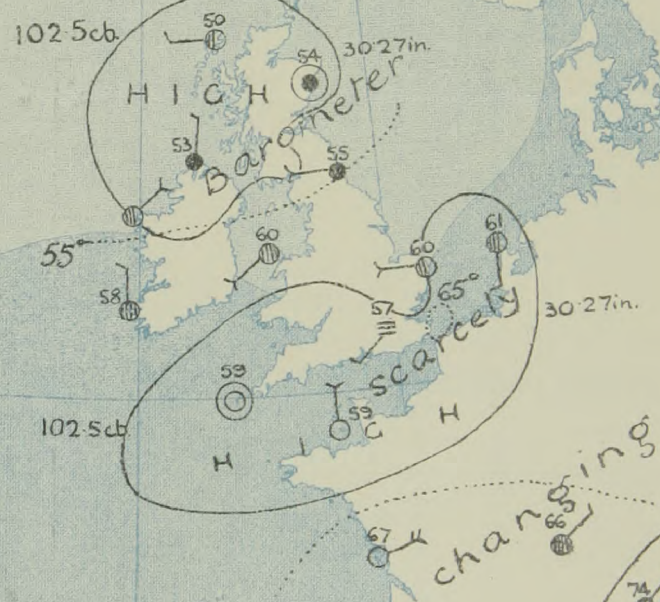
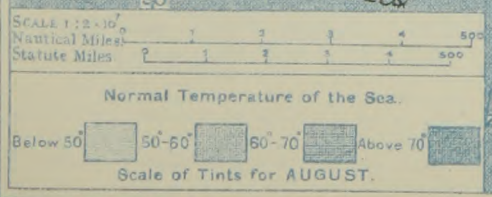


Inches.

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 2/3 clouded. ⊖ overcast sky. ● rain falling.  
✱ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
T, thunderstorm.

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

## DAILY WEATHER REPORT.

Sunday 30th August, 1914.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. Inward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. Inward.	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).	

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

STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. mm.†	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		° F.	° F.				Tunbridge Wells ...		° F.	° F.			
Oban ...	...	61	54	b. bc. c.	bc. c. o.	6.0	Margate ...	...	78	51	m. b.	bm	10.3
Banff ...	...	...	...	...	...	...	Ramsgate ...	...	74	57	b.	b.	11.4
Stonehaven ...	...	...	...	...	...	...	Folkestone ...	...	70	52	b.	b.	12.0
Carnoustie ...	...	64	55	*	*	4.6	Hythe ...	...	71	58	b.	b.	11.8
St. Andrews ...	...	...	...	...	...	...	Littlestone ...	...	...	...	*	*	11.5
England, N.E.							Hastings ...	...	70	58	b.	b.	11.0
Harrogate ...	...	69	54	o. c. o.	o. c. o.	0.5	Bexhill-on-Sea ...	...	69	50	b.	b.	8.0
Scarborough ...	...	74	51	bc. b.	c. o.	6.3†	Eastbourne ...	...	70	55	b.	bm	12.0
Skegness ...	...	...	...	...	...	...	Seaford ...	...	69	54	o.	o.	11.6
England, N.W.							Brighton ...	...	70	55	b.	bc. b.	11.3
Douglas (I. of M.) ...	...	...	...	...	...	...	Worthing ...	...	72	55	b.	b.	11.6
Morecambe ...	...	...	...	...	...	...	Littlehampton ...	...	72	55	*	*	11.5
Blackpool ...	...	64	58	o. od.	c.	0.2	Bognor ...	...	72	53	b.	b.	12.0
Southport ...	...	66	51	on. o.	op. o.	0.0	Southsea ...	...	...	...	...	...	...
Midlands.							Ryde ...	...	...	...	...	...	...
Buxton ...	...	67	55	bc. o.	c.	0.0	Ventnor ...	...	...	...	...	...	...
Leamington Spa ...	...	70	48	bc.	bc.	9.8	Bournemouth ...	...	75	51	* b.	* b.	10.5
Malvern ...	...	...	...	...	...	...	Weymouth ...	...	73	53	b.	by.	12.0
Ross-on-Wye ...	...	74	47	wf. b.	bc. o.	7.1	Exmouth ...	...	...	...	...	...	...
Wales.							Teignmouth to 9 p.m.	...	72	50	b.	b.	12.1
Rhyl ...	...	67	57	o.	o.	0.0	Torquay ...	...	70	52	b.	b.	12.4
Colwyn Bay ...	...	...	...	...	...	...	Paignton ...	...	72	49	b.	b.	12.4†
Llandudno ...	...	...	...	...	...	...	Plymouth ...	...	70	54	bc.	b.	10.6
Bettws-y-Coed ...	...	64	59	m. o.	oe.	0.0	Falmouth ...	...	...	...	...	...	...
Aberystwyth ...	...	65	53	oe.	od.	0.0	Penzance ...	...	72	56	b.	b.	11.6
Tenby ...	...	67	51	c. bc.	od.	0.5	Bude ...	...	69	49	b.	b.	9.6
Swansea ...	...	...	...	...	...	...	Ilfracombe ...	...	69	57	bc. b.	b. bc. c.	8.3
England, S.W.							Weston-super-Mare ...	...	...	...	...	...	...
Cromer ...	0.3	71	54	b.	b.	10.6							
Lowestoft ...	...	...	...	...	...	...							
Felixstowe ...	...	70	55	bm.	bc.	11.1							
Walton-on-Naze ...	0.3	72	53	bm. b.	b.	10.2							
Southend-on-Sea ...	...	77	57	b.	b.	8.9							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	42	95	11.3	82	54	45	bm	b	b
City (Gunhill Row) ...	...	...	7.9	...	...	...	...	...	...
Westminster (St. James's Pk.) ...	48	96	11.1	78	51	50	b. bm	bm	b.
Camden Sq. (Brit. Rainfall) ...	50	93	10.1	82	55	50	b	b	*
Hampstead (Reservoir) ...	...	88	11.8	78	57	48	bc	b.	bm
Richmond Park ...	...	...	11.2	...	...	...	...	...	...
Kew. (See front page.)	...	...	...	...	...	...	...	...	...
(Greenwich and Camden Square air temperatures are in Glaisher screens.)	...	...	...	...	...	...	...	...	...
S. Kensington (Roof of M.O.)	53	98	11.8	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.					
				Total.	Average Rate.	Max. Rate.			
				1564 Joules	31.6 Milliwatts.	615 Milliwatts.			

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

30th. 31st. Aug., 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 5.0 5.2	G.M.T. 11.34 11.53	G.M.T. 6.47 6.44
Greenwich ...	5.12 5.12	12.1 12.0	6.51 6.48
Wick ...	5.9 5.11	12.43 12.16	7.16 7.13
Valencia ...	5.30 5.52	12.42 12.41	7.34 7.31

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; 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.

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	mm.†	° F.	° F.	° F.	od.	od.
Darwen to 9 p.m.	1	63	59	51	bcu.	cu.
Manchester "	...	...	...	...	...	...
Birmingham "	...	71	53	39	c	o
Oxford to 8 p.m.	...	71	50	45	bf. bm.	bm b.
S. Kensington (Museum Grounds to 8 p.m.)	...	80	55	48	b. b.	b.

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 70° and 75° in many parts of England, and to 79° at Kew Observatory; at several places on our N. and E. coasts it failed to reach 65°. Very little bright sunshine was recorded in the west and north, but elsewhere the amount was considerable. Rain fell at many of the western and northern stations, heavily at Valencia.

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.

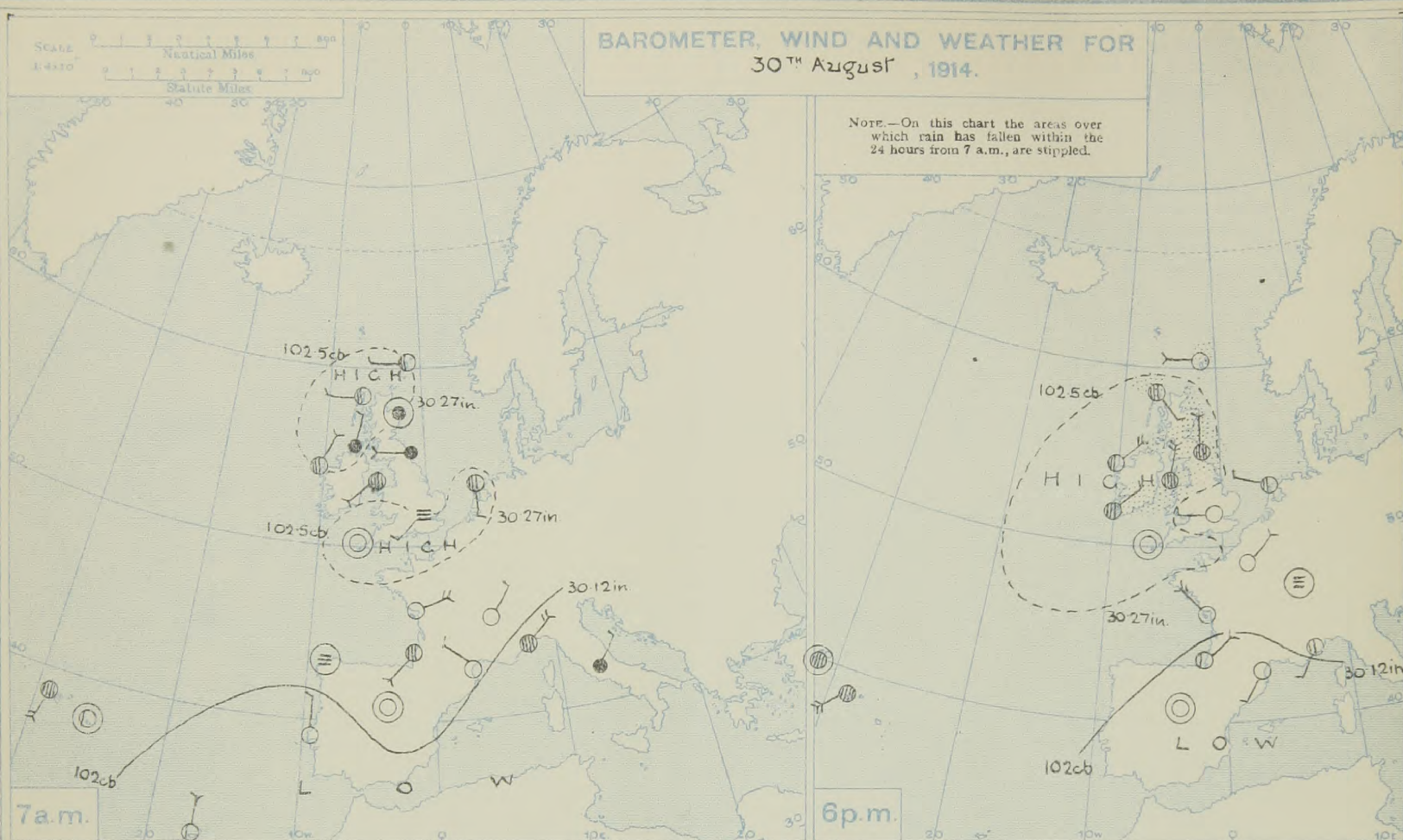
Monday,  
31st August, 1914.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. °F.	WIND.		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 (0-3).	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dir.	Force 0-12.						Dir.	Force 0-12.					Max. °F.	Min. °F.	Morning.	Afternoon.	Night.	
BRITISH ISLANDS.	Deerness	1026.4	54	E	1	c	1027.1	*	53	0	WNW	2	NW	b	*	-	58	49	b.b.c	c	b.c.b	4.8
	Lerwick	1024.9	56	W	2	b	1024.6	0	53	0	SW	2	SW	bc	1	2	58	50	bc	b	bep	*
	Stornoway	1027.1	56	SE	1	c	1028.4	+2	51	+1	SW	2	-	b	2	2	60	44	b.c.	b.c.	b	4.5
	Castlebay (Barra Isd.)	1026.7	58	WNW	3	bc	1028.8	+1	52	-2	-	0	-	bc	1	-	59	44	b.c.	bc	b.c.b	11.2
	Glasgow	1026.2	57	ENE	3	b	1028.8	+1	49	-2	N	1	SW	b	*	1	64	48	b.c.b	b.c.b	b.c.b	6.5
	Eskdalemuir	1025.8	58	-	0	o	1028.4	+2	52	+2	N	1	SE	bc	*	0.3	62	44	b.c.	o	bc	1.5
	Malin Head	1027.3	57	NE	3	bc	1028.5	0	54	+1	NNE	2	NE	bc	2	0.4	60	52	bc	bc	b.c.	8.5
	Blacksod Point	*	*	NE	3	b.c.	*	*	*	*	NE	2	*	b.c.	2	*	*	*	b.c.	b.c.	b.c.	1.0
	Valencia	1025.4	62	NE	1	cv	1025.7	+1	59	+1	-	0	-	o	3	0.2	64	57	c	c	c	*
	Roche's Point	1025.5	65	NW	3	bc	1027.1	*	57	-3	NE	2	-	o	2	1	67	56	o.c	b.c.	om.b.c.	*
	Birr Castle	1026.2	58	N	1	o	1027.9	*	53	-3	NE	1	-	o	*	0.1	58	52	om	o	o	0.0
	Donaghadee	1026.3	57	NNE	3	cv	1027.7	+2	54	0	NNE	4	N	bc	4	-	58	53	cg	cv	b.c.b	*
	Liverpool (Blisdon)	1025.2	60	W	1	o	1026.6	+2	59	-2	WSW	1	NW	bc	1	1	63	57	od	ad	om	0.0
	Holyhead	1025.8	59	NNE	4	ggm	1026.9	+1	59	-1	NNE	3	-	cm	2	4	61	57	op	op.om	o.c.om	0.0
	Pembroke (St. Ann's)	1026.2	60	WSW	2	m	1026.4	0	61	+1	S	2	-	fe	2	2	64	60	c	p.f	fe	4.4
	Newquay	1025.6	63	WNW	1	o	1025.7	+1	60	+1	-	0	-	bc	2	-	65	51	b.c.f.b	b.c.	b.c.	11.0
	Scilly (St. Mary's)	1026.0	65	-	0	b	1026.0	0	61	+2	-	0	-	cm	2	-	69	57	b	b	b.c.	12.2
	Jersey (St. Aubin)	1025.0	68	NW	2	f	1025.7	+	58	-1	NE	2	-	f	*	*	*	*	*	*	*	*
	Portland Bill	1025.6	60	W	2	f	1026.0	+	63	+3	NE	1	-	f	2	-	64	59	f.o	f	f.b.c	*
	Dungeness	1023.5	66	SW	3	b	1023.7	+1	64	+5	N	2	-	ogg	2	-	72	56	f.b	f.b	f.b.o	*
Dover	1024.2	65	SW	1	by	1025.0	*	65	-1	NNE	3	N	c.og	3	-	75	?	b	b	b.c	11.7	
Wick	1026.8	55	SSE	1	bc	1027.6	+2	50	0	WNW	1	-	bc	1	1	59	44	bm.om	om.b.c	om.b.c	8.3	
Nairn	1025.8	57	ENE	2	b.c.	1028.9	*	51	-2	-	0	-	bc	1	-	65	46	b.c.b	b.c.	b.c.	0.0	
Aberdeen	1026.9	53	SSE	2	o	1028.7	+1	48	-6	-	0	W	by	1	1	57	44	odp	o	o.c.b	0.0	
Leith	1025.4	56	NE	3	o	1028.1	+2	55	+2	E	2	NE	o	*	2	60	53	ogp	og	od.o	*	
Tynemouth	1025.2	55	N	2	o	1027.3	+1	57	+2	ESE	2	-	omr	3	8	54	54	omr	omr	omr	0.0	
Spurn Head	1025.0	60	NE	2	c	1027.3	+1	60	-4	ENE	4	-	o	3	0.4	73	59	c	c.o	or	1.2	
Yarmouth	1023.7	66	E	2	bc	1026.6	+1	62	+2	N	2	-	c	1	-	72	57	bc	bc	b.c.c	7.7	
Clacton-on-Sea	1023.0	69	SE	2	by	1025.1	+2	62	-1	NW	2	-	b.c.	1	-	74	59	by	by	b.b.c	10.2	
Nottingham	1024.6	67	N	2	o	1027.1	*	60	-3	N	1	N	om	*	-	77	59	o.c	c.om	om	2.3	
Bath	1024.7	72	W	1	b	1026.7	*	59	-4	NE	1	-	m	*	-	75	56	o.c.b.c	b	c.om	9.8	
London (Kew Obs.)	1023.7	75	W	1	b	1026.4	+2	61	+4	N	1	N	om	*	-	75	57	f.b.m	b.m.b	om.om	6.7	
Falmouth	1025.9	65	N	1	b	1026.4	+1	58	+2	NW	1	NW	b	1	-	72	55	*	*	*	*	
Markree Castle	1027.1	60	N	1	c	1028.4	*	46	-3	-	0	-	c	*	-	*	*	*	*	*	*	
NORTHERN EUROPE.	Vardö															*						
	Bodö															*						
	Christiansund															*						
	Skudesnaes															*						
	Færder (X'ania Fjord)															*						
	The Scaw (Skagen)															*						
	Blaavands Huk															*						
	Haparanda															*						
	Hernösand															*						
	Stockholm															*						
CENTRAL EUROPE.	Wisby															*						
	Karlstad															*						
	St. Petersburg															*						
	Berlin															*						
	Frankfurt															*						
	Munich															*						
FRANCE.	Vienna															*						
	Cuxhaven															*						
	The Helder	1023.7	66	WNW	1	bc	1025.7	+2	64	+3	NE	4	-	o	2	-	70	61				
	Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	C. Gris Nez	1023.4	67	SW	2	b	1024.3	+2	62		W	1		f	1	Trace	73	61				
	La Hève	1025.4	65	N	2	m	1025.2	*	59	-2	-	0	*	m	1	-	73	57				
	Ushant	1026.1	60	NE	2	b	1025.0	*	55		NE	3	*	m	3	-	70	52				
	Brest (St. Mathieu)	1026.0	68	NW	1	b	1025.3	0	55	-2	WNW	1	*	m	1	-	71	54				
	Rochefort (Ile d'Aix)	1021.7	73	NW	3	b	1022.6	0	68	+1	ENE	2	*	bc	*	-	84	64				
	Biarritz	1017.1	70	NE	2	b	1021.6	+1	67	0	-	0	*	m	2	-	79	64				
SOUTHERN EUROPE.	Paris	1023.1	73	NE	2	b	1024.4	+2	63		NNE	1	-	b	*	-	81	59				
	Belfort	1021.2	73	-	0	m	1023.8	0	62		ESE	2	*	m	*	-	78	58				
	Lyons															*						
	Nice	1020.4	69	SW	1	bc	1018.9	0	74	0	ENE	2	*	b	0	-	88	63				
	Perpignan	1019.8	72	SW	1	b	1020.4	0	68	-2	SW	1	*	b	*	-	84	61				
	Sanguinaire	*	*				*	*	*	*						*	*	*	*	*	*	*
	Corunna (7 a.m.)															*						
	Madrid (8 a.m.)	1018.0	81	-	0	b	1021.0	+2	68	+2	E	1	-	b	*	-	82	59				
SOUTHERN EUROPE.	Lisbon (9 a.m.)															*						
	Gibraltar															*						
SOUTHERN EUROPE.	Rome															*						
	Azores (Horta, 8 a.m.)	1016.8	*	SW	4	o	1016.7	*	*	*	-	0	*	o	1	*	*	*	*	*	*	*
SOUTHERN EUROPE.	Madeira (Funchal)															*	*	*	*	*	*	*
																*	*	*	*	*	*	*

1 Millimeter = 0.03937 inch.  
Rainfall amounts expressed in  
Millimeters may therefore be  
converted approximately to  
Hundredths inch by multiplying  
by 4. (Error 1% per cent.)

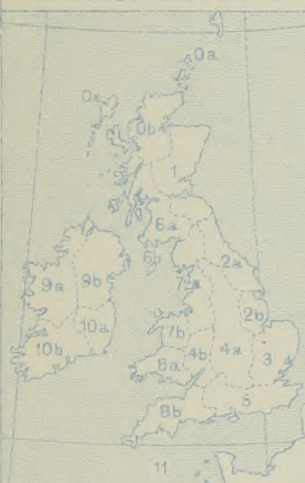
## RAINFALL. Equivalents of Millimeters in Inches.

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	46	1.81
22	0.87	47	1.85
23	0.91	48	1.89
24	0.95	49	1.93
25	0.98	50	1.97



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

**FORECAST DISTRICTS.**



**STORM WARNINGS.**

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

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

**NO WARNINGS  
ISSUED.**

- |    |   |   |  |
|----|---|---|--|
| 0  | a | } | Light breezes, chiefly Westerly; fair; cool.   |
|    | b |   |  |
| 1  | a | } | Calms and light variable airs; fair generally, but misty in places; cool.                                      |
|    | b |   |  |
| 2  | a | } | Light Easterly and North-Easterly winds; cloudy at first, with slight rain in places, then fair; cool.         |
|    | b |   |  |
| 3  | a | } | Light Northerly and North-Easterly winds; mostly fair, but thunder showers in places; rather cool.             |
|    | b |   |  |
| 4  | a | } | Same as No. 1.   |
|    | b |   |  |
| 5  | a | } | Light breezes, chiefly North-Easterly; fair generally, but misty in places; rather cool.                       |
|    | b |   |  |
| 6  | a | } | Variable or light Easterly breezes, and a smooth sea; fair generally, but misty in places; normal temperature. |
|    | b |   |  |
| 7  | a | } |  |
|    | b |   |  |
| 8  | a | } |  |
|    | b |   |  |
| 9  | a | } |  |
|    | b |   |  |
| 10 | a | } |  |
|    | b |   |  |

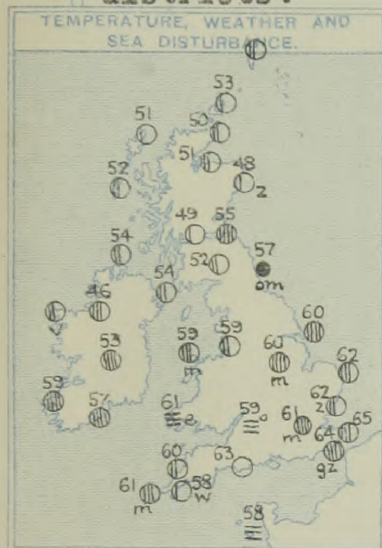
Western Channel and Bay. 11

**FURTHER OUTLOOK.**

# SYNOPTIC CHART FOR 7 a.m., Monday, 31<sup>ST</sup> AUGUST, 1914.

## GENERAL INFERENCE.

The general conditions will remain anticyclonic, but small irregularities of pressure over England will cause slight rain in some parts of our eastern and south-eastern districts.



y in Inches.

31

30

29

SCALE 1:250,000  
Nautical Miles  
Statute Miles

Normal Temperature of the Sea.

Below 50° 50°-55° 55°-60° Above 60°

Scale of Tints for AUGUST.

30.12 in.

102.5 cb

30.27 in.

102.5 cb

102 cb

L O W

102 cb

30.12 in.

## 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 2/3 clouded. ○ overcast sky. ● rain falling.  
✱ snow. ▲ hail. ≡ fog. ≡ mist. T, thunder.  
T<sub>h</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.	
					mb.	±		(0-12).							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 ...	...	...	...	...	...	...	England, S.E.	Tunbridge Wells ...	...	...	...	...	...	...
	Banff ...	...	...	...	...	...	...		Margate ...	...	...	...	...	...	...
	Stonehaven ...	...	...	...	...	...	...		Ramsgate ...	...	...	...	...	...	...
	Carnoustie ...	...	...	...	...	...	...		Folkestone ...	...	...	...	...	...	...
Eng. N.E.	St. Andrews ...	...	...	...	...	...	...	England, S.W.	Hythe ...	...	...	...	...	...	...
	Harrogate ...	...	...	...	...	...	...		Littlestone ...	...	...	...	...	...	...
	Scarborough ...	...	...	...	...	...	...		Hastings ...	...	...	...	...	...	...
	Skegness ...	...	...	...	...	...	...		Bexhill-on-Sea ...	...	...	...	...	...	...
Eng. N.W.	Douglas (I. of M.) ...	...	...	...	...	...	...	England, S.E.	Eastbourne ...	...	...	...	...	...	...
	Morecambe ...	...	...	...	...	...	...		Seaford ...	...	...	...	...	...	...
	Blackpool ...	...	...	...	...	...	...		Brighton ...	...	...	...	...	...	...
	Southport ...	...	...	...	...	...	...		Worthing ...	...	...	...	...	...	...
Midlands.	Buxton ...	...	...	...	...	...	...	England, S.W.	Littlehampton ...	...	...	...	...	...	...
	Leamington Spa ...	...	...	...	...	...	...		Bognor ...	...	...	...	...	...	...
	Malvern ...	...	...	...	...	...	...		Southsea ...	...	...	...	...	...	...
	Ross-on-Wye ...	...	...	...	...	...	...		Ryde ...	...	...	...	...	...	...
Wales.	Rhyl ...	...	...	...	...	...	...	England, S.W.	Ventnor ...	...	...	...	...	...	...
	Colwyn Bay ...	...	...	...	...	...	...		Bournemouth ...	...	...	...	...	...	...
	Llandudno ...	...	...	...	...	...	...		Weymouth ...	...	...	...	...	...	...
	Bettws-y-Coed ...	...	...	...	...	...	...		Exmouth ...	...	...	...	...	...	...
England, E.	Aberystwyth ...	...	...	...	...	...	...	England, S.W.	Teignmouth to 9 p.m.	...	...	...	...	...	...
	Tenby ...	...	...	...	...	...	...		Torquay ...	...	...	...	...	...	...
	Swansea ...	...	...	...	...	...	...		Paignton ...	...	...	...	...	...	...
	Cromer ...	...	...	...	...	...	...		Plymouth ...	...	...	...	...	...	...
England, E.	Lowestoft ...	...	...	...	...	...	...	England, S.W.	Falmouth ...	...	...	...	...	...	...
	Felixstowe ...	...	...	...	...	...	...		Penzance ...	...	...	...	...	...	...
	Walton-on-Naze ...	...	...	...	...	...	...		Bude ...	...	...	...	...	...	...
	Southend-on-Sea ...	...	...	...	...	...	...		Ilfracombe ...	...	...	...	...	...	...

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
	p.m. Yester- day.	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.					
Greenwich (Royal Obs.) ...	%	%	Hr.	° F.	° F.	° F.	mm. §	b	b.b.c	b.c	Dublin to 4 p.m. Darwen to 9 p.m. Manchester „ Birmingham „ Oxford to 8 p.m.	mm. §	° F.	F.	° F.				Hr.
City (Bunhill Row) ...	55	76	9.2	79	58	50	-	*	*	*		*	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	64	80	8.1	77	60	55	-	b	b.b.c	b.c		*	*	*	*	*	*	*	*
Camden Sq. (Brit. Rainfall)	-	77	9.8	79	58	52	-	*	*	*		*	*	*	*	*	*	*	*
Hampstead (Reservoir) ...	*	80	10.0	76	58	53	-	b.c	b.c	om		*	*	*	*	*	*	*	*
Richmond Park	*	*	6.0	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.															
Kew. (See front page.)																			
(Greenwich and Camden Square air temperatures are in Glaisher screens.)																			
S. Kensington (Roof of M.O.)	-	83-	6.7	Total.		Average Rate.		Max. Rate.		S. Kensington (Museum Grounds to 6 p.m.)									
				1280	Joules	26.0	Milliwatts.	56.0	Milliwatts.	77	57	50	b	om.b	b	*	*	*	

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

31st Aug. 1st Sept. 1914.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 5.2 S. 5.5	G.M.T. 11.53 S. 11.53	G.M.T. 8.44 S. 8.41
Greenwich ...	5.12 S. 14	12.0 12.0	6.48 6.46
Wick ...	5.11 S. 13	12.12 12.12	7.13 7.11
Valencia ...	5.52 S. 5.44	12.44 12.41	7.31 7.28

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 75° and upwards in many parts of England, to 82° at Tunbridge Wells, and to 84° at Southend-on-Sea. Very little bright sunshine was recorded over Ireland and the northern parts of England and Wales; elsewhere the duration was large. Slight rain was experienced at many of our western and northern stations.

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. bear 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.

ADDITIONS AND CORRECTIONS  
TO THE  
DAILY WEATHER REPORT.

AUGUST, 1914.

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

# ADDITIONS AND CORRECTIONS TO THE

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		Weather.	Barometer. Milli- bars at M.S.L.	Change in 3 hours.	TEMP.		WIND.		Dirac. of Upper Cloud.	Weather.	Sea 0-9.	Rain- fall. Milli- metres.	TEMP.		WEATHER.			
				Dirac.	Force 0-12.				Dry Bulb.	Change in 24 hours.	Dirac.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
4th	Bathurst	9957	52	W	6	r	9963	0	53	-2	W	6	-	r	5	21	57	51	cot	r	r	0.8
"	Nottingham	10053	63	SW	3	c	10058		55	-1	SW	2	-	bc		2	67	48	c op	r	cp bc.	6.3
"	Brussels						10091		64	-3	SW	1	-	c		16	72	55				
"	Belfort	10087	72		0	dr	10146		59	-7	WSW	5	-	r		20	81	57				
"	Lyons	10124	67	NNE	2		10157		60	-4	H	1	-	r		5	81	59				
"	Perpignan	10095	72	ESE	3	bc	10135		69	-1	-	0	-	c		-	82	64				
"	Corunna	10181	64	NNW	4	bc	10164	-1	59	0	SW	3	-	c		3	86	57				
"	Madrid	10080	83	W	2	c	10124	+2	71	-1	S	1	-	b		?	86	61				
"	Lisbon	10155	70	NNE	5	bc	10171	+2	64	+1	NNE	3	-	bc		5	73	59				
5th	Devin	10071	60	SW	4	bc	10072		58	-3	S	4	-	r		2	64	51	bc p b	b bc	bc cot	11.7
"	Belfort	10144	57	W	2	r	10159		58	-1	ESE	2	-	c		11	73	54				
"	Madrid	10088	81	SW	1	b	10119		68	-3	E	1	-	c		-	84	68				
"	Lisbon	10137	70	NNW	5	b	10144	+1	63	-1	-	0	-	b		5	73	61				
6th	Brest (St Mathieu)	10099	66	N	2	r	10166		60	+1	NNW	3	-	b		2	68	51				
"	Belfort	10115	69	W	4	c	10139		58	0	WSW	1	-	r		13	77	57				
"	Lyons	10119	66	W	1	bc	10173		57	-4	NW	2	-	c		59	80	57				
"	Madrid	10075	83	W	2	bc	10180	+5	68	0	ESE	1	-	b		-	86	54				
"	Lisbon	10157	72	NNW	5	b	10183		59	-4	N	5	-	b		5	70	57				
7th	Brussels						10147	0	59	0	SW	2	-	r		-	69	50				
"	Lyons	10202	63	NNW	2	b	10206		57	0	N	1	-	b		-	80	61				
"	Madrid	10146	82		0	b	10196	+3	70	+2	NE	1	-	b		5	75	59				
"	Lisbon	10176	70	NNW	4	b	10189	+3	63	+4	N	4	-	b		-	70	53				
8th	Belfort	10189	63	WSW	2	0	10252		55		N	3	-	bc		trace	70	53				
"	Lyons	10198	70	E	1	bc	10253		62	+5	N	1	-	b		-	73	57				
"	Madrid	10157	86		0	b	10216		72	+2	NE	1	-	b		-	88	66				
"	Lisbon	10179	79	NNW	5	b	10189		68	+5	NNW	3	-	b		5	82	63				
"	Nice	10184	75		0	bc	10221		78	+10		0	-	b		-	86	68				
9th	Perpignan	10220	75	SE	1	b	10234		68	-2	E	2	-	0		-	81	63				
10th	Belfort	10235	75		0	b	10253		68	+7		0	-	0		-	85	59				
"	Lyons	10224	79	S	2	b	10246		67	+2	N	1	-	b		-	85	60				
"	Nice	10226	78		0	b	10229	+1	77	-1		0	-	b		0	86	70				
"	Madrid	10158	83	S	3	b	10226	+2	73	-4	NE	1	-	b		-	97	61				
"	Lisbon	10180	77	NNW	5	b	10198	+2	63	-7	N	3	-	b		5	88	64				
12th	Lisbon	10186	72	NNW	5	b	10189		63	0		0	-	b		5	82	61				
13th	Rockfort (Ne d'Aix)	10173	77	NNW	3	bc	10175	+1	75	+5	SE	2	-	b		-	88	67				
"	Lyons	10143	70	NNW	1	bc	10191		73	+3	E	1	-	b		-	88	67				
"	Nice	10189	78		0	b	10106		80	+4	ESE	2	-	b		0	88	68				
"	Perpignan	10189	75	NE	1	b	10187	+2	66	-4		0	-	b		-	84	54				
"	Corunna	10145	67	NW	2	0	10172	-1	62	-2		0	-	b		1	68	59				
"	Madrid	10140	88		0	b	10179	+2	75	+3	ESE	1	-	b		-	91	60				
"	Lisbon	10159	84	NNW	4	b	10100		64	+1	NNE	2	-	b		2	86	60				
14th	Belfort	10179	77	E	2	m	10180		63	0	ESE	4	-	m		-	83	60				
"	Corunna	10157	70	N	3	bc	10163	+3	64	+2	SSE	3	-	bc		2	73	61				
"	Lisbon	10168	71	W	2	b	10180	+1	73	+9	NNW	3	-	b		-	86	64				
15th	Jersey (St Aubin)	10114	79	E	2	0	10134		62	-8	W	4	-	0		3	84	60	bm	cot o	th. or	8.5
"	Nice	10127	73	E	1	bc	10122		70	-5	W	1	-	0		1	90	57				
"	Corunna	10149	68	NW	3	b	10219		57	-7	SSW	1	-	0		-	75	57				
"	Lisbon	10144	67	NNW	5	b	10184		69	-4	NNW	5	-	0		-	81	52				
16th	Jersey	10135	65	NNW	3	bc	10130		60	-2	N	3	-	0		4	68	57	oc bc	c bc	agr	8.3
"	The Helder	10154	66	NE	5	bc	10164	+2	63	0	NE	3	-	b		1	68	61				
17th	Jersey (St Aubin)	10135	66	NNW	3	b	10172		63	-7	NE	2	-	0		2	67	59	c o c	bc b	bw ag	4.5
"	Brussels						10140		63	+6	NNW	2	-	0		-	67	59				
"	B. Gris Nez	10118	65	NE	6	c	10154		63	0	NE	5	-	0		5	68	61				
"	Rockfort	10130	66	NNW	4	c	10155		64	+1	NNW	3	-	0		-	66	64				
"	Belfort	10110	57		0	c	10133		54	-5	WSW	6	-	0		7	64	54				
"	Lyons	10091	58	NW	1	0	10150		55	-6		0	-	0		-	69	54				
"	Corunna	10147	68	H	3	b	10206		57	-4	SSE	2	-	0		2	68	54				
"	Madrid	10091	82	NNE	1	b	10170		64	-4	NE	2	-	0		5	82	57				
"	Lisbon						10195	0	68	0	NNW	5	-	0		-	75	56				
18th	Jersey (St Aubin)	10145	66	N	3	b	10209		62	-1	ESE	3	-	0		2	68	56				
"	The Helder	10189	63	N	4	b	10198		63	-1	NNW	2	-	0		1	68	59				
"	Brussels						10148		62	-1	NE	2	-	0		-	73	56				
"	B. Gris Nez	10186	62	NE	2	c	10204		62	-1	NNE	4	-	0		3	68	54				
"	La Hève	10173	65	NNW	2	b	10200															

# REPORTS FOR AUGUST, 1914.

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.	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.	
25th	The Kelder	1020.4	63	N	2	b	1022.0	.	F.	0	NNW	1	.	b	0	-	68	55	.	.	.	.
"	S. S. N. 123	1019.5	60	NE	2	o	1020.7	.	F.	3	NE	3	.	bc	2	-	70	52	.	.	.	.
"	La Rive	1019.3	60	NE	2	o	1020.7	.	F.	3	NE	3	.	bc	2	-	70	52	.	.	.	.
"	Brest (St. Mathieu)	1019.1	68	ENE	1	c	1019.7	.	F.	4	ENE	1	.	c	1	-	72	55	.	.	.	.
"	Rochefort (Xe d'Alx)	1019.0	70	N	4	b	1017.7	.	F.	0	NE	3	.	c	1	-	72	55	.	.	.	.
"	Biarritz	1018.7	70	NNW	1	b	1018.0	.	F.	4	WNW	3	.	c	1	-	75	64	.	.	.	.
"	Paris	1018.1	68	NE	2	b	1019.7	.	F.	0	NNE	2	.	c	1	-	73	52	.	.	.	.
"	Belfort	1017.6	66	ENE	3	m	1019.1	.	F.	0	NNE	2	.	bc	1	-	73	52	.	.	.	.
"	Lyons	1017.0	67	N	1	b	1018.3	.	F.	2	NE	1	.	b	1	-	73	55	.	.	.	.
"	Nice	1015.8	66	E	2	f	1017.3	.	F.	0	E	4	.	o	3	-	71	61	.	.	.	.
"	Perpignan	1014.9	64	.	0	f	1016.6	.	F.	-1	.	0	.	o	3	-	73	59	.	.	.	.
"	Cortuna	1017.7	68	NNE	5	o	1022.7	.	F.	0	SSE	1	.	m	2	-	70	57	.	.	.	.
"	Madrid	1012.6	64	NNE	3	c	1018.9	.	F.	-3	NE	4	.	b	5	-	81	57	.	.	.	.
"	Lisbon	1016.3	68	NNW	5	o	1019.3	+2	F.	+1	NNE	5	NW	bc	5	-	73	63	.	.	.	.
26th	Jersey (St. Aubin)	1014.7	66	N	3	b	1021.2	.	F.	0	N	1	N	bc	0	-	72	57	om.b	b	cm	5.8
"	The Kelder	1014.9	63	NW	1	c	1019.1	.	F.	0	NW	1	.	bc	0	-	66	54	.	.	.	.
"	S. S. N. 123	1018.4	64	NNE	1	c	1019.5	.	F.	-3	WSW	2	.	m	0	-	72	57	.	.	.	.
"	La Rive	1020.4	61	N	2	o	1020.8	.	F.	+2	SSE	1	.	o	1	-	70	52	.	.	.	.
"	Brest (St. Mathieu)	1020.7	68	NNW	1	bc	1021.5	.	F.	-2	E	1	.	m	1	-	73	57	.	.	.	.
"	Rochefort (Xe d'Alx)	1019.4	68	NW	5	c	1022.3	.	F.	+2	NNW	3	.	o	1	-	75	64	.	.	.	.
"	Biarritz	1021.3	69	N	3	bc	1011.7	.	F.	-4	SSW	2	.	o	2	-	72	61	.	.	.	.
"	Paris	1018.1	70	N	2	o	1020.8	.	F.	-4	W	2	.	bc	1	-	75	60	.	.	.	.
"	Belfort	1016.7	68	ENE	3	o	1019.5	.	F.	+2	.	0	.	bc	1	-	74	59	.	.	.	.
"	Lyons	1017.1	63	.	0	o	1016.2	.	F.	-1	NW	3	.	bc	2	-	73	60	.	.	.	.
"	Perpignan	1017.1	70	NW	3	o	1019.9	.	F.	+4	W	5	.	m	1	-	72	63	.	.	.	.
"	Cortuna	1020.0	66	NNW	2	bc	1025.1	.	F.	0	.	0	.	m	1	-	70	54	.	.	.	.
"	Madrid	1016.4	70	NW	1	o	1023.4	.	F.	+1	NNE	1	.	bc	3	-	82	57	.	.	.	.
27th	Jersey (St. Aubin)	1014.9	61	SSW	1	o	1017.0	.	F.	+2	NW	1	N	bc	0	-	69	54	of m.c.	cf	bm	8.3
"	The Kelder	1018.4	63	WSW	4	c	1019.4	.	F.	-1	WSW	3	.	bc	2	-	68	59	.	.	.	.
"	S. S. N. 123	1019.9	63	NE	1	m	1019.8	.	F.	-1	.	0	.	bc	2	-	70	54	.	.	.	.
"	La Rive	1020.6	66	W	1	o	1021.0	.	F.	+2	NNW	1	.	o	0	-	73	57	.	.	.	.
"	Brest (St. Mathieu)	1022.0	67	W	4	c	1021.7	.	F.	+1	SSW	4	.	bc	1	-	71	63	.	.	.	.
"	Rochefort (Xe d'Alx)	1022.0	67	W	4	c	1021.7	.	F.	-2	.	0	.	bc	1	-	75	63	.	.	.	.
"	Biarritz	1022.9	68	N	1	o	1022.6	.	F.	0	.	0	.	bc	1	-	72	52	.	.	.	.
"	Paris	1019.5	64	SW	2	c	1020.7	.	F.	0	.	0	.	bc	1	-	70	54	.	.	.	.
"	Belfort	1019.3	64	ENE	3	m	1021.5	.	F.	-2	W	3	.	bc	2	-	75	58	.	.	.	.
"	Lyons	1019.4	64	NW	2	o	1020.8	.	F.	+3	NW	3	.	bc	1	-	75	58	.	.	.	.
"	Nice	1015.0	65	.	0	o	1014.6	.	F.	-4	E	4	.	c	3	-	75	61	.	.	.	.
"	Perpignan	1019.7	72	NNW	3	bc	1017.6	.	F.	+4	W	1	.	c	1	-	77	64	.	.	.	.
"	Cortuna	1023.4	70	W	2	bc	1023.7	.	F.	+5	S	3	.	c	1	-	72	69	.	.	.	.
"	Madrid	1017.2	82	.	0	o	1020.7	.	F.	+5	NE	2	.	o	1	-	84	57	.	.	.	.
"	Lisbon	1018.6	75	N	5	o	1019.5	-1	F.	+2	N	2	.	o	2	-	79	64	.	.	.	.
28th	Jersey (St. Aubin)	1020.8	66	W	2	o	1020.4	.	F.	0	SW	2	SW	bc	0	-	70	63	om.c	cog	og	6.2
"	Biarritz	1021.6	68	NW	2	bc	1020.2	.	F.	-2	E	2	.	bc	1	-	75	61	.	.	.	.
"	Cortuna	1022.6	66	NW	2	o	1016.2	.	F.	-3	SW	1	.	bc	1	-	72	55	.	.	.	.
29th	Jersey (St. Aubin)	1018.1	72	S	2	o	1014.6	.	F.	+3	E	3	E	b	1	-	73	63	oc	b	bmw	5.6
"	The Kelder	1018.7	64	SW	3	c	1019.1	.	F.	+4	S	2	.	bc	1	-	68	61	.	.	.	.
"	Belfort	1021.3	66	E	2	m	1021.1	.	F.	+3	E	4	.	bc	2	-	70	50	.	.	.	.
"	Cortuna	1012.4	73	WSW	3	b	1017.5	.	F.	+3	W	2	.	c	1	-	74	61	.	.	.	.
"	Lisbon	1013.2	75	NNW	4	b	1018.1	+3	F.	0	N	2	.	o	2	-	86	66	.	.	.	.
30th	Jersey (St. Aubin)	1014.2	68	NW	3	o	1018.3	.	F.	-5	NW	3	.	o	2	-	75	60	b	bc.b	bw	9.3
"	Lyons	1015.9	73	S	3	o	1019.5	.	F.	+2	E	1	.	o	3	-	79	57	.	.	.	.
"	Cortuna	1021.3	66	NNW	1	bc	1021.4	.	F.	-5	SSE	1	.	m	3	-	70	55	.	.	.	.
"	Lisbon	1019.3	73	NNW	5	o	1020.3	.	F.	-5	NNW	4	.	bc	3	-	77	61	.	.	.	.
31st	Jersey (St. Aubin)	1017.2	66	SW	2	o	1020.9	.	F.	-1	S	4	S	bc	3	-	68	59	bc	b	bmw	12.2
"	Belfort	1017.1	65	WSW	4	o	1017.3	.	F.	-3	.	0	.	o	3	-	75	58	.	.	.	.
"	Cortuna	1020.4	68	NNW	2	o	1016.0	+2	F.	+4	SW	2	.	o	3	-	68	54	.	.	.	.
"	Lisbon	1019.4	72	NNW	5	o	1020.0	+1	F.	+1	NNW	3	NW	bc	5	-	77	61	.	.	.	.
1st	Jersey (St. Aubin)	1009.9	64	W	4	o	1016.2	.	F.	0	NW	4	.	bc	3	-	76	59	op.o	b	b	3.2
"	Brest (St. Mathieu)	1014.3	67	NW	3	bc	1019.9	.	F.	-1	NW	4	.	o	5	-	72	57	.	.	.	.
"	Belfort	1013.2	63	.	0	r	1014.9	.	F.	-2	WSW	4	.	o	1	-	79	57	.	.	.	.
"	Lyons	1012.6	67	SSW	2	o	1017.7	.	F.	-3	NW	1	.	o	2	-	76	57	.	.		

## CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING.				THIS MORNING 7 A.M., G.M.T.								PAST 24 HOURS.						Sun- shine for Yester- day. Hours.
		BAROM. Milli- bars at M.S.L.	TEMP. ° F.	WIND.		BAROMETER. Milli- bars at M.S.L.	TEMP.		WIND.		Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rain fall. Milli- metres.	TEMP.		WEATHER.			
				Direc.	Force 0-12.		Dry Bulb.	Change in 24 hours.	Direc.	Force 0-12.					Max.	Min.	Morning.	Afternoon.	Night.	
1st	Glasgow		F.				-2	F.	F.		5								od o d	
2nd	Malin Head									WSW		bcp								
	Valencia												1							
	Silly																			
	Dover					1004.1							0.3							
3rd	Silly																			
	Nairn									WSW										
	Garmouth															54				
	Nottingham																			2.8
	London (Kew Obs.)					1007.0														
4th	Glasgow							55	-1									c o d fog	c o d fog	
	Valencia																			
	Pembroke																			12.0
	Silly												0.2							8.0
	Nairn									WSW		bcm								12.3
5th	Garmouth					1001.2														
	Ynysy (St. Aubin)		59																	
6th	Garmouth																			4.1
7th	Silly					1014.2														
	Leith												0.2							
	Garmouth											bc								1.4
	Glendon-on-Sea												1							
	London (Kew Obs.)															53				
8th	Obervdeen												3							10.2
	Garmouth																			
	Glendon-on-Sea					1019.3														
9th	Deerness												1							
10th	Deerness															53				
	Malin Head											bcp								11.0
	Silly												0.1							
11th	Deerness											cq								
	Malin Head	1023.4											0.1							
	Roche's Point																			
	Dunrobin					1025.8														
	Obervdeen					1018.3						bcm								
12th	Deerness												0.2							12.2
	Wick												1							
	Garmouth																			6.2
14th	Garmouth																			11.0
15th	Valencia													69						11.4
	Garmouth										bc									
16th	Donnaway															48				
17th	Valencia				2															
	Silly									NNE										12.5
	Garmouth	1020.1																		
18th	Newquay																			
19th	Deerness												0.5							
	Glasgow										NW									
	Dover	1020.6																		
	Garmouth																			1.6
20th	Valencia																			8.7
	Silly												0.1							
	Dover												1							
	Garmouth											bcm								4.5
21st	Glasgow										5									
	Malin Head	1017.5										om								
	Obervdeen																			11.0
	Garmouth											f						bc		10.4
22nd	Roche's Point		65																	
	Pembroke									SW										
	Wick											m							fc p om	
	Garmouth											bcm								4.5
23rd	Malin Head											om			65					
	Valencia	1009.8																		
24th	Deerness												3							
	Garmouth		69									bc								
25th	Markus Castle												15							4.0
	Valencia																			11.2
	Adyhead					1015.1														
	Leith					1014.7														
26th	Malin Head											cp								
	Garmouth																			9.6
	Glendon-on-Sea					1009.9														
27th	Deerness									NW			2							
	Garmouth											bc								2.6
	London (Kew Obs.)											om							c bc o t o	
28th	Malin Head											om								
	Dunrobin	1016.0																		
	Obervdeen					1019.7														
	Garmouth					1024.0														10.4
29th	Deerness												1							
	Garmouth												0.2				50			6.7
30th	Spurn Head																			
31st	Bath																			
1st	Levenick					1026.0														
	Garmouth													57						