

METEOROLOGICAL OFFICE.

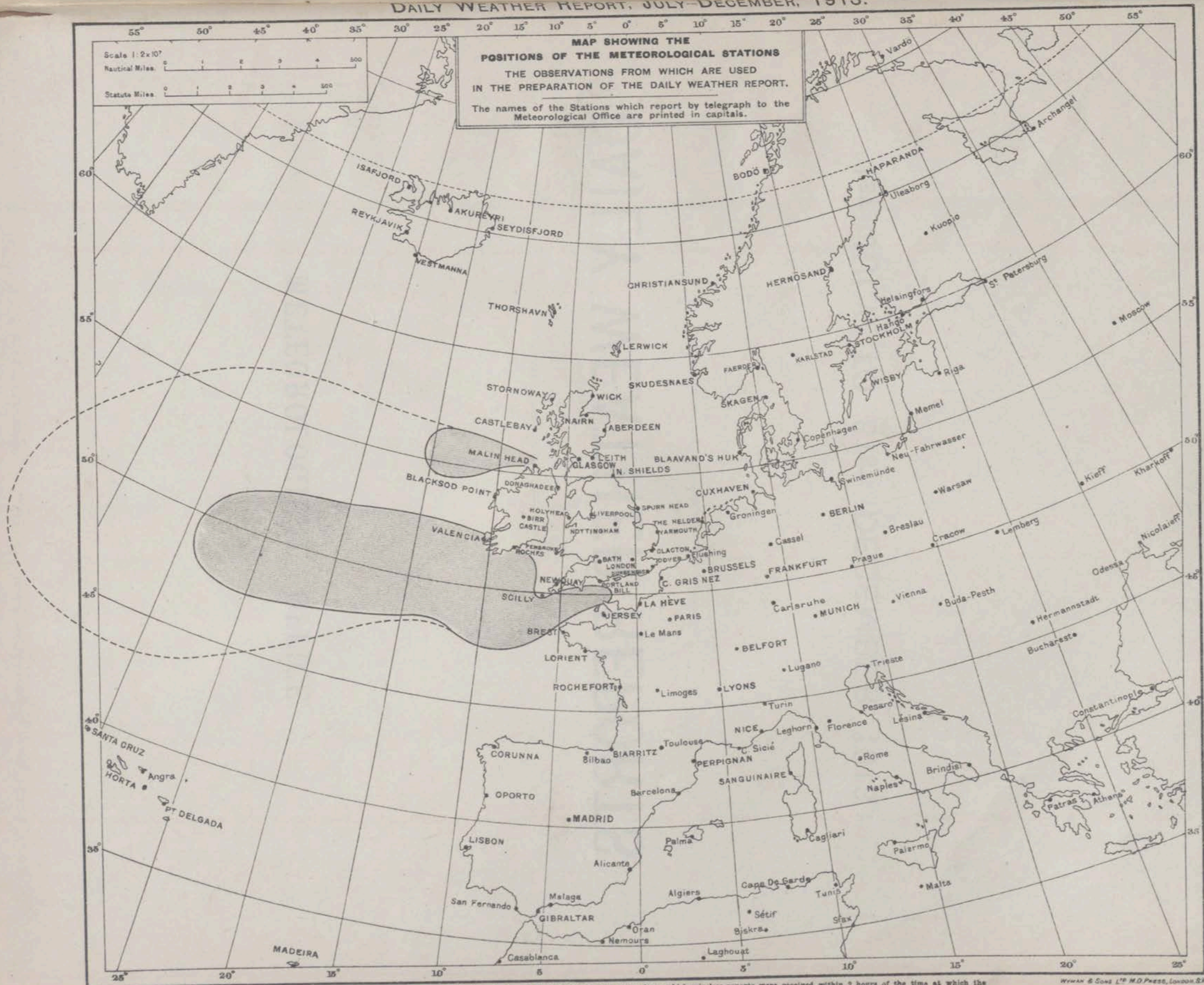
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# DAILY WEATHER REPORTS.

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1<sup>ST</sup> JULY TO 31<sup>ST</sup> DECEMBER 1913.





NOTE:—The shaded portions of the Atlantic and Bay of Biscay indicate the areas from which wireless reports were received within 2 hours of the time at which the observations were made. The pecked lines indicate the limits of the areas from which they were received within 24 hours.



# 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.		BRIGHT SUNSHINE. 1881-1910.	
		Means of				Absolute Extremes.							
		1906-1910.		1876-1910.		1876-1910.							
		Dry Bulb 7 a.m.	Wet Bulb 7 a.m.	Daily Maxi- mum.	Daily Mini- mum.	Maximum.		Minimum.					
						Temp.	Year.	Temp.	Year.				
Sumburgh Head.....	29° 862	50° 5	46° 0	57° 0	46° 0	70	1897	57	1888	18	2° 32	—	—
Stornoway.....	29° 897	52° 5	50° 7	60° 1	48° 9	76	1894	52	1888	20	2° 33	144	27
Castlebay (Barra Isd.)..	[29° 874]44	[53° 9]44	[51° 9]44	[58° 3]44	[51° 3]44	[71]44	[1908]44	[47]44	[1910]44	[19]44	[2° 05]44	[161]44	[31]44
Malin Head.....	29° 903	54° 1	53° 1	60° 6	52° 4	75	1887	42	[1888, 02]†	[19]†	[2° 38]†	—	—
Blackod Point.....	29° 955	56° 3	54° 5	62° 3	53° 4	80	1894	42	[1895]†	[22]†	[3° 14]†	—	—
Valencia.....	30° 012	58° 8	54° 8	63° 9	53° 7	80	1878	40	1907	20	3° 61	156	32
Roche's Point.....	30° 014	58° 5	54° 9	65° 2	53° 8	84	1870	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	1870	40	1883, 02	17	2° 91	—	—
Liverpool (Observatory).....	29° 971	56° 1	53° 4	65° 6	54° 2	88	1901	44	1877	15	2° 89	[186]44	[37]44
Holyhead.....	29° 969	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° 066	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]44	[1901]44	[49]44	[1900, 07]44	11	1° 75	—	—
Dungeness.....	29° 968	58° 0	56° 0	66° 5	55° 4	82	1900	40	1890	12	1° 83	—	—
Dover.....	[29° 993]44	[58° 0]44	[55° 7]44	[64° 7]44	[52° 8]44	[74]44	[1908]44	[46]44	[1908, 09, 10]44	[15]44	[2° 61]44	[180]44	[37]44
Wick.....	29° 885	52° 2	50° 3	61° 1	48° 4	81	1878	30	1880	18	2° 06	—	—
Nairn.....	29° 892	53° 0	50° 7	64° 2	49° 4	86	1878	30	1906	17	2° 07	[135]**	[36]**
Aberdeen.....	29° 909	54° 5	51° 9	63° 1	50° 3	86	1878	38	1898, 03	17	2° 79	160	30
Leith.....	29° 915	55° 4	52° 3	66° 0	51° 3	86	1878	39	1887, 8, 92, 03	17	2° 73	—	—
North Shields.....	29° 931	55° 5	52° 9	64° 2	51° 3	85	1878	41	1909	15	2° 56	—	—
Spurn Head.....	29° 944	56° 4	54° 3	64° 9	54° 6	85	1878	39	1888*	13	1° 92	—	—
Yarmouth.....	29° 959	57° 1	54° 6	66° 0	54° 6	87	[1881, 1900]*	[44]*	[1888]*	14	2° 44	[177]44	[36]44
Clacton-on-Sea.....	29° 988	58° 0	55° 5	67° 7	54° 6	[82]44	[1905]44	[40]44	[1902]44	10	1° 80	[202]44	[41]44
Nottingham.....	29° 974	56° 7	54° 4	70° 1	52° 1	92	1876	37	1888	15	2° 39	[190]44	[38]44
Bath.....	30° 019	58° 5	55° 4	69° 4	53° 4	[91]44	[1876]44	[39]44	[1906]44	13	2° 63	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]44	[54° 8]44	[83]44	[1908]44	[45]44	[1907]44	[14]44	[1° 99]44	179	36
{ Kew.....	30° 009	57° 7	54° 8	70° 8	54° 3	90	1881	43	1882, 84	13	2° 30	204	41
Sumburgh Head.....	29° 788	51° 5	49° 9	57° 2	48° 3	82	1910	38	1885, 05, 09	20	3° 11	—	—
Stornoway.....	29° 838	53° 9	51° 3	60° 6	49° 0	75	1897, 99	33	1888	22	3° 66	112	28
Castlebay (Barra Isd.)..	[29° 873]44	[54° 2]44	[52° 5]44	[59° 5]44	[51° 5]44	[68]44	[1910]44	[47]44	[1908, 09]44	[20]44	[4° 07]44	[159]44	[30]44
Malin Head.....	29° 856	54° 8	54° 0	61° 0	52° 9	80	1887	43	[1891]†	[22]†	[3° 09]†	—	—
Blackod Point.....	29° 907	57° 0	55° 1	62° 0	53° 5	81	[1900]44	[43]44	[1887, 88]†	[23]†	[4° 24]†	—	—
Valencia.....	29° 976	57° 5	55° 5	64° 2	53° 9	81	1899	42	1890	23	6° 09	159	34
Roche's Point.....	29° 985	56° 6	55° 5	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	[101]44	[36]44
Holyhead.....	29° 941	57° 3	55° 7	63° 4	54° 1	83	1893	46	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	49
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° 067	61° 2	58° 5	68° 8	57° 2	89	1893	45	1890, 09	15	2° 43	242	55
Portland Bill.....	30° 003	59° 8	57° 5	65° 5	56° 8	[78]44	[1901]44	[49]44	[1904, 10]44	13	2° 00	—	—
Dungeness.....	29° 962	59° 8	57° 6	67° 2	56° 0	89	1904	39	1890	13	2° 13	—	—
Dover.....	[29° 993]44	[59° 3]44	[56° 9]44	[68° 4]44	[53° 8]44	[83]44	[1909]44	[40]44	[1909]44	[15]44	[2° 49]44	[220]44	[50]44
Wick.....	29° 827	52° 4	50° 9	61° 1	48° 2	81	1893	30	1880	20	2° 75	—	—
Nairn.....	29° 836	52° 7	51° 0	63° 7	49° 1	80	1890	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	39	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	83	[1893]*	[45]*	[1908]*	15	2° 13	—	—
Yarmouth.....	29° 957	58° 0	55° 6	66° 2	54° 4	85	1893	41	1902	15	2° 51	[206]44	[46]44
Clacton-on-Sea.....	29° 987	58° 9	56° 4	67° 6	55° 0	[84]44	[1909]44	[43]44	[1908]44	13	1° 90	[211]44	[47]44
Nottingham.....	29° 967	56° 3	54° 7	68° 7	51° 4	94	1876	37	1876, 08	17	2° 82	[181]44	[40]44
Bath.....	30° 006	58° 0	55° 6	68° 9	52° 5	[92]44	[1877, 04]44	[40]44	[1876]44	14	3° 00	166	44
Oxford.....	29° 999	59° 9	55° 8	68° 9	53° 7	90	1876, 06	39	1892	14	2° 47	187	42
LONDON { Westminster.....	29° 991	59° 2	56° 2	[69° 7]44	[54° 7]44	[91]44	[1908]44	[46]44	[1905, 07]44	[13]44	[1° 99]44	172	39
{ Kew.....	30° 008	57° 9	55° 5	69° 6	53° 6	92	1878	41	1890	14	2° 35	191	43
Sumburgh Head.....	30° 000	49° 0	47° 8	54° 8	46° 3	69	1898	34	1887, 88	20	3° 18	—	—
Stornoway.....	30° 037	50° 7	49° 1	57° 5	46° 2	77	1906	32	1885	21	3° 06	115	30
Castlebay (Barra Isd.)..	[30° 041]44	[52° 4]44	[50° 5]44	[58° 8]44	[49° 9]44	[63]44	[1910]44	[44]44	[1908, 09, 10]44	[16]44	[3° 17]44	[129]44	[34]44
Malin Head.....	30° 059	52° 8	52° 2	58° 8	50° 7	[84]44	[1906]44	[43]44	[1886]44	[18]44	[2° 76]44	—	—
Blackod Point.....	30° 090	55° 0	53° 2	60° 0	51° 2	[78]44	[1898]44	[39]44	[1890]44	[20]44	[4° 08]44	—	—
Valencia.....	30° 114	53° 6	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	126	33
Donaghadee.....	30° 107	52° 0	51° 0	60° 2	49° 3	75	1906	36	1882, 94, 99, 09	16	2° 82	—	—
Liverpool (Observatory).....	30° 120	53° 0	50° 7	61° 3	50° 8	87	1906	39	1885	15	2° 55	[114]44	[30]44
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	18	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]44	[1906]44	[43]44	[1902, 03, 10]44	14	2° 06	—	—
Dungeness.....	30° 100	55° 9	53° 8	64° 0	52° 3	81	1906	39	1885	14	1° 79	—	—
Dover.....	[30° 089]44	[54° 7]44	[53° 1]44	[62° 8]44	[50° 4]44	[75]44	[1908]44	[39]44	[1908]44	[13]44	[1° 53]44	[173]44	[46]44
Wick.....	30° 022	49° 9	48° 3	58° 2	45° 8	78	1898	29	1885, 87, 07	19	2° 52	—	—
Nairn.....	30° 042	49° 1	47° 6	60° 3	45° 3	84	1906	25	1882	17	2° 11	[120]**	[32]**
Aberdeen.....	30° 071	50° 6	49° 0	59° 4	46° 6	82	1906	30	1887	17	2° 38	126	33
Leith.....	30° 074	51° 4	49° 5	62° 1	47° 9	83	1898	34	1886, 1905	14	1° 84	—	—
North Shields.....	30° 096	51° 3	49° 6	60° 7	47° 9	88	1906	36	1885, 89, 93, 07	14	1° 75	—	—
Spurn Head.....	30° 094	53° 7	52° 0	61° 2	51° 9	[79]*	[1899]*	[38]*	[1892, 09]*	12	1° 61	—	—
Yarmouth.....	30° 098	54° 3	52° 4	62° 2	51° 4	78	1880, 98	33	1885	14	2° 13	[138]44	[37]44
Clacton-on-Sea.....	30° 113	55° 0	53° 0	63° 2	51° 4	[79]44	[1906]44	[38]44	[1904]44	10	1° 65	[175]44	[46]44
Nottingham.....	30° 120	51° 1	49° 9	64° 0	47° 5	94	1906	29	1887	15	1° 92	[118]44	[31]44
Bath.....	30° 143	52° 5	50° 8	64° 7	48° 3	[88]44	[1906]44	[34]44	[1906]44	12	2° 32	136	37
Oxford.....	30° 150	53° 0	50° 9	64° 4	48° 5	92							

\* Results for 30 years, 1881-1910.

† " " 28 " 1876-1884 and 1899-1910.

‡ " " 25 " 1886-1910.

At Birr Castle and Oxford the averages are for 8 a.m.

§ Results for 11 years, 1900-1910.

¶ " " 10 " 1901-1910.

|| " " 7 " 1904-1910.

‡ Results for 6 years, 1905-1910.

§ " " 4 years, 1907-1910.

|| " " 3 " 1908-1910.



# DAILY WEATHER REPORT. APPENDIX I.

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

### FOURTH QUARTER, OCTOBER TO DECEMBER.

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

OCTOBER.

NOVEMBER.

DECEMBER.

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.											
		1906-1910.		1876-1910.		1876-1910.											
		Dry Bulb 7 a.m.	Wet Bulb 7 a.m.	Daily Maximum.	Daily Minimum.	Maximum.		Minimum.									
						Temp.	Year.	Temp.	Year.								
	In.																
Sumburgh Head	29.738	47.3	45.8	50.1	42.0	63	1908	28	1887	25	4.12	—	—				
Stornoway	29.772	47.6	46.2	51.9	40.9	70	1888	26	1880	24	5.38	85	27				
Castlebary (Barra Isd.)	[29.881]44	[51.0]44	[49.2]44	[54.1]44	[48.3]44	[63]44	[1908]44	[34]44	[1909]44	[19]44	[3.11]44	[80]44	[25]44				
Malin Head	29.755	49.8	48.8	53.0	45.6	73	1908	32	1882	21	3.11	—	—				
Blackod Point	29.705	51.5	49.4	54.5	45.9	71	1908	29	1905	23	5.10	—	—				
Valencia	29.788	52.1	49.7	56.5	46.6	71	1908	28	1892	22	5.23	101	31				
Roche's Point	29.817	51.5	50.5	56.1	46.4	65	1880, 4, 6	42	1881	18	4.05	—	—				
Birr Castle	29.810	47.8	46.7	54.0	40.9	74	1908	22	1880, 1905	18	2.87	96	30				
Donaghadee	29.828	49.5	48.2	54.1	44.1	66	1898	21	1892	18	2.97	—	—				
Liverpool (Observatory)	29.863	48.9	47.2	54.1	44.8	73	1908	27	1895	19	3.36	[90]44	[30]44				
Holyhead	29.831	51.7	50.4	54.9	47.0	75	1908	32	1892	19	4.06	—	—				
Pembroke (St. Ann's Hd.)	29.825	52.0	50.5	55.3	48.2	67	1908	33	1895	19	4.18	103	32				
Scilly (St. Mary's)	29.944	53.5	51.8	57.3	50.3	69	1895	38	1895, 96	21	3.70	117	36				
Jersey (St. Aubin's)	29.900	54.6	52.5	59.0	49.4	76	1908	33	1887	21	4.53	126	38				
Portland Bill	29.882	54.6	53.2	56.9	48.6	[67]44	[1908]44	[35]44	[1905, 08]44	17	3.86	—	—				
Dunegness	29.897	53.6	52.0	57.2	46.3	70	1888, 1908	23	1890	17	[3.23]44	—	—				
Dover	[30.017]44	[52.6]44	[51.3]44	[58.8]44	[48.4]44	[74]44	[1908]44	[30]44	[1909]44	[12]44	[4.39]44	[120]44	[37]44				
Wick	29.790	47.3	45.5	52.2	40.6	73	1898	22	1885	21	3.09	—	—				
Nairn	29.796	45.4	43.7	52.9	39.5	76	1908	19	1896	19	2.50	[108]**	[35]**				
Aberdeen	29.840	47.7	46.4	52.8	41.5	74	1883	25	1880	20	2.95	97	31				
Leith	29.828	48.8	46.8	54.9	42.0	75	1908	25	1894	17	2.40	—	—				
North Shields	29.859	48.9	47.6	54.0	42.4	77	1908	27	1890, 92, 95, 1909	18	2.97	—	—				
Spurn Head	29.873	51.5	50.1	54.4	46.0	[70]*	[1900]*	[33]*	[1887, 95]*	17	2.40	—	—				
Yarmouth	29.905	51.9	50.3	54.9	45.2	74	1900, 08	27	1895	18	2.88	[107]44	[33]44				
Clacton-on-Sea	29.912	52.7	51.3	55.6	45.7	[71]44	[1908]44	[29]44	[1905]44	14	2.00	[108]44	[33]44				
Nottingham	29.887	48.1	47.4	55.3	41.9	78	1908	20	1890	20	2.57	[85]44	[30]44				
Bath	29.893	49.9	48.5	57.1	42.8	[77]44	[1908]44	[24]44	[1905]44	15	3.18	97	30				
Oxford	29.917	49.7	48.5	56.0	42.6	76	1886, 1908	23	1890	16	2.78	99	31				
LONDON { Westminster	29.900	51.4	50.1	[58.8]44	[48.7]44	[79]44	[1908]44	[29]44	[1905, 09]44	[17]44	[2.33]44	71	22				
LONDON { Kew	29.912	50.2	49.0	56.0	43.4	77	1886	25	1881, 95	17	2.70	93	29				
Sumburgh Head	29.729	42.1	40.5	46.1	38.7	58	1901	25	1880, 93, 04	24	4.00	—	—				
Stornoway	29.782	42.6	41.4	47.3	37.8	58	1897, 01, 02	20	1880	21	5.61	42	18				
Castlebary (Barra Isd.)	[29.811]44	[45.2]44	[43.3]44	[48.5]44	[41.3]44	[55]44	[1908, 09]44	[32]44	[1909, 10]44	[21]44	[4.00]44	[61]44	[26]44				
Malin Head	29.811	44.9	43.8	48.6	41.8	[59]44	[1894, 9, 06]44	[30]44	[1909]44	[21]44	[3.20]44	—	—				
Blackod Point	29.868	46.2	44.3	50.3	42.1	[60]44	[1897, 09]44	[28]44	[1890]44	[23]44	[5.08]44	—	—				
Valencia	29.819	46.2	43.9	52.2	42.7	63	1881	27	1890, 96, 01	22	5.48	66	26				
Roche's Point	29.850	45.3	44.3	51.3	42.3	61	1908, 09	27	1890	19	4.32	—	—				
Birr Castle	29.913	39.9	38.9	49.2	36.8	62	1899	17	1909	18	3.06	94	25				
Donaghadee	29.880	43.6	42.6	49.1	39.8	60	1894, 09	27	1878, 83	19	3.07	—	—				
Liverpool (Observatory)	29.902	42.2	40.7	48.3	40.0	61	1894, 85, 90	22	1880	18	2.60	[75]44	[30]44				
Holyhead	29.887	46.3	44.6	50.1	42.8	62	1881	20	1880	19	4.19	—	—				
Pembroke (St. Ann's Hd.)	29.903	46.6	44.5	50.9	43.8	58	1884, 95, 97, 99, 01, 02, 08	28	1890	19	3.70	65	25				
Scilly (St. Mary's)	30.043	48.6	46.6	53.2	46.4	61	1898	29	1890	20	3.48	75	28				
Jersey (St. Aubin's)	29.953	47.9	45.8	52.8	44.3	60	1899	16	1890	21	4.18	77	29				
Portland Bill	29.915	48.0	46.3	51.6	43.7	[61]44	[1900]44	[30]44	[1902]44	15	2.48	—	—				
Dunegness	29.900	44.4	42.8	50.4	40.7	63	1899	17	1890	17	[2.60]44	—	—				
Dover	[30.924]44	[44.2]44	[39.7]44	[48.0]44	[37.6]44	[50]44	[1908]44	[27]44	[1910]44	[10]44	[2.50]44	[106]44	[40]44				
Wick	29.760	41.6	40.0	46.9	36.8	62	1900	12	1909	20	3.02	—	—				
Nairn	29.788	40.1	38.6	46.8	35.5	62	1906	12	1904	18	2.24	[63]**	[27]**				
Aberdeen	29.815	40.4	39.1	46.8	37.2	62	1889	14	1900	19	3.05	55	23				
Leith	29.832	41.7	39.7	48.5	37.7	63	1885	18	1885	15	1.96	—	—				
North Shields	29.856	41.2	40.0	48.2	37.9	63	1894	20	1880	17	2.24	—	—				
Spurn Head	29.861	43.8	42.2	48.0	40.7	[61]*	[1894, 95]*	[28]*	[1884]*	15	1.80	—	—				
Yarmouth	29.887	43.3	41.8	48.1	39.4	60	1895, 8, 9, 04	23	1890	18	2.53	[83]44	[32]44				
Clacton-on-Sea	29.913	42.8	41.7	48.2	39.3	[60]44	[1908]44	[25]44	[1901]44	15	1.89	[75]44	[29]44				
Nottingham	29.904	40.5	39.5	48.2	36.9	63	1896	13	1904	19	1.89	40	16				
Bath	29.898	41.6	40.6	50.2	37.5	[64]44	[1879]44	[18]44	[1901]44	13	2.89	59	23				
Oxford	29.951	41.0	39.8	48.9	37.7	63	1899	17	1904	15	2.31	59	23				
LONDON { Westminster	29.919	42.6	41.4	[49.7]44	[38.6]44	[62]44	[1907]44	[26]44	[1905, 10]44	[15]44	[2.14]44	28	11				
LONDON { Kew	29.936	41.6	40.2	48.8	38.5	63	1876	21	1901	16	2.19	51	20				
Sumburgh Head	29.694	40.0	38.8	43.8	36.2	53	1890, 06	19	1877, 09	27	4.44	—	—				
Stornoway	29.698	40.1	39.2	44.1	35.0	55	1898	15	1880	26	5.94	24	12				
Castlebary (Barra Isd.)	[29.597]44	[44.0]44	[42.1]44	[47.0]44	[35.0]44	[53]44	[1908]44	[27]44	[1909]44	[26]44	[5.13]44	[36]44	[18]44				
Malin Head	29.691	42.4	41.7	45.6	38.6	[55]44	[1900, 04]44	[28]44	[1906, 09]44	[23]44	[3.15]44	—	—				
Blackod Point	29.683	44.6	42.8	47.5	39.8	[59]44	[1899]44	[25]44	[1906]44	[26]44	[5.45]44	—	—				
Valencia	29.752	45.6	43.3	49.9	40.8	57	1884, 88, 99, 1900	24	1886	26	6.32	41	17				
Roche's Point	29.767	44.2	43.3	48.6	40.2	57	1906	25	1882	23	5.19	—	—				
Birr Castle	29.735	40.3	39.3	45.7	34.4	58	1877, 1900	8	1878	20	3.10	43	19				
Donaghadee	29.712	41.8	41.0	45.6	36.8	59	1885, 88, 94, 09	20	1879	21	3.08	—	—				
Liverpool (Observatory)	29.700	40.4															



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,  
1st August 1913.

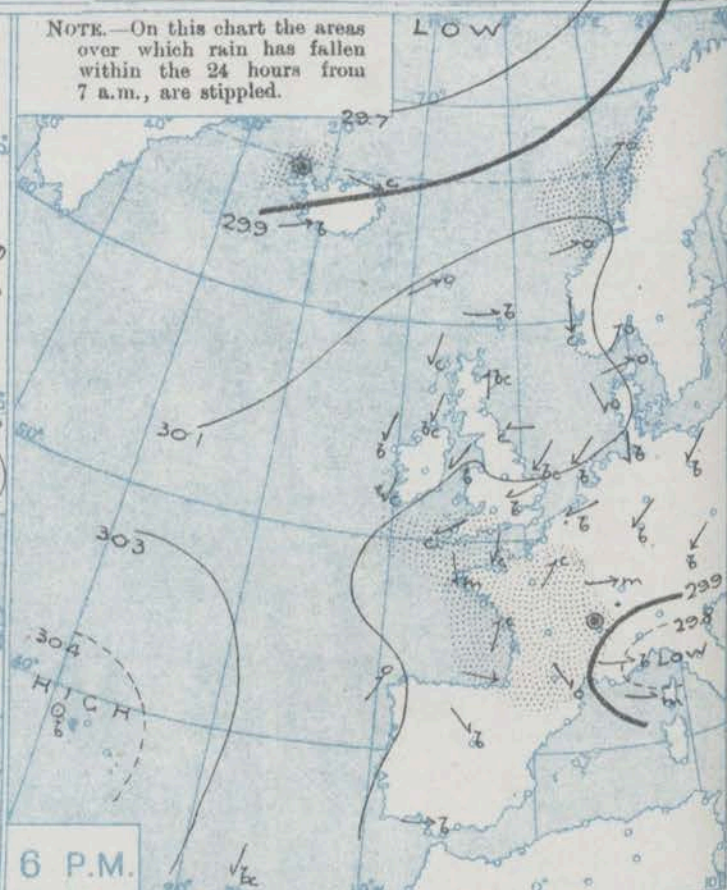
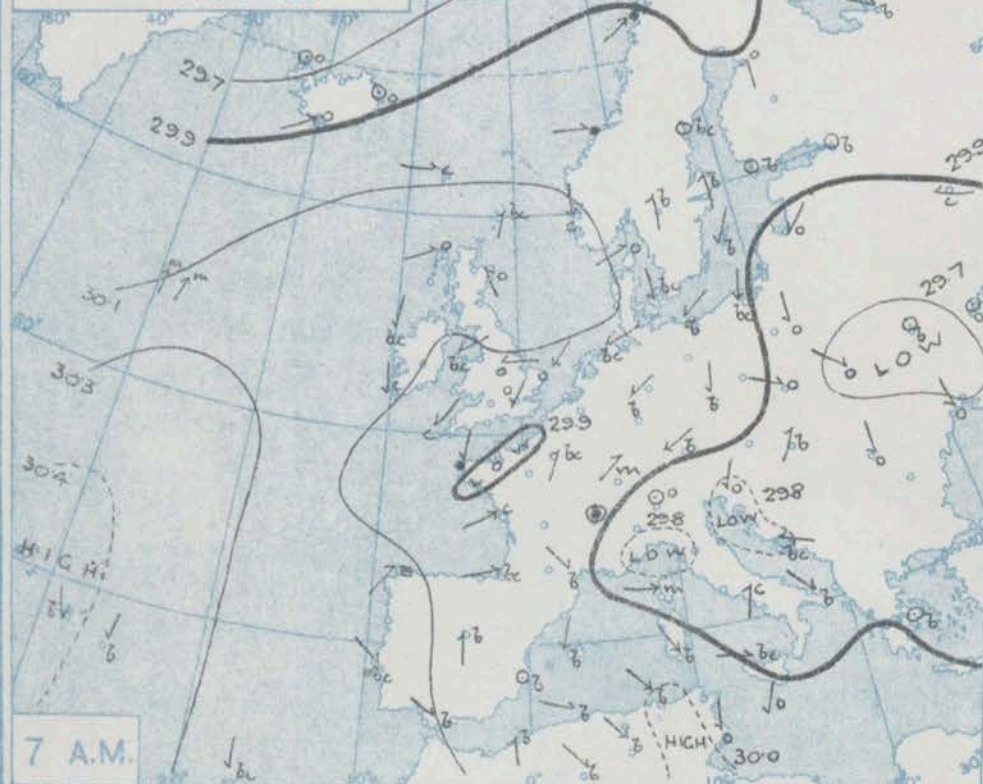
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force	Weather.	Sea	Rain- fall.	TEMP.		WEATHER.					
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirce.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dirce.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	
BRITISH ISLANDS.																								
Lerwick ...	...	In. 30.20	F. 58	W	2	b	In. 30.23	+0.1	55	-1	WSW	2	b	2	-	In. 60	F. 50	bc	b	b.		Hours		
Stornoway ...	...	30.23	59	NNE	3	c	30.27	+0.1	55	-2	W	1	o	1	-	63	47	o.bz	c	c.b.	2.5			
Castlebay (Barra Isd.)	...	30.22	60	N	3	bc	30.30	+0.2	56	-1	NW	2	o	1	-	62	52	c.b	bc.	bc.b.	14.2			
Glasgow ...	...	30.20	57	E	3	o	30.28	+0.2	54	0	NE	1	o	*	-	60	54	o	o	og	0.0			
Malin Head...	...	30.21	58	NNE	3	bcz	30.28	+0.2	58	+2	N	1	b	0	-	61	53	bcz	bcz	bcz				
Blackrod Point ...	...	30.21	62	NNE	3	b	30.29	+0.1	59	+1	NNE	1	bc	1	trace	63	57	bcz	bcz	bcz				
Valencia ...	...	30.15	63	NNE	3	c	30.23	+0.2	62	+2	NE	1	bcz	3	-	66	55	bcz	bcz	bcz	3.7			
Roche's Point ...	...	30.12	63	SE	2	bm	30.22	*	58	-2	N	2	m	2	-	70	56	om	bm	ogbz				
Birr Castle ...	...	30.12	69	N	1	o	30.23	*	56	+2	N	1	m	*	-	71	54	c	c.o	cy	5.5			
Donaghadee ...	...	30.17	59	NNW	2	o	30.26	+0.2	55	0	NNW	2	f	2	-	60	55	by	by	omf				
Liverpool Obsy...	...	30.10	68	NNW	2	b	30.24	+0.2	56	0	ESE	1	o	1	-	71	55	om	b.b	om	7.3			
Holyhead ...	...	30.11	62	NE	2	b	30.22	+0.4	58	-1	ENE	2	ogm	2	-	67	57	bcz.bm	bcz.bm	bcz.bm	11.0			
Pembroke (St. Ann's Hd.)	...	30.07	65	NNE	2	b	30.18	+0.3	59	0	E	2	bm	1	-	71	56	cm	bc	b.	10.2			
Newquay ...	...	30.02	62	N	2	og	30.13	+0.4	64	+4	N	3	bcz	2	-	64	60	ogbz	ogbz	ogbz	0.2			
Scilly (St. Mary's)	...	30.03	62	ENE	2	cm	30.12	+0.2	61	0	NE	3	cm	2	trace	64	59	omf	cm	cm	0.0			
Jersey (St. Aubin)	...	29.97	70	NNE	3	cm	30.07	*	61	-1	ENE	4	o	4	0.05	73	60	ogm.c	cm	cm	5.8			
Portland Bill ...	...	30.00	70	NNE	2	c	30.10	+0.3	59	+2	NE	5	b	3	trace	73	56	cp.	b.b.	bc.c	*			
Dungeness ...	...	30.00	66	NNE	5	b	?	+0.3	62	0	NNE	5	o	2	-	70	62	o	c.b	b.	*			
Dover ...	...	30.04	60	NNE	5	b	30.14	*	60	-3	NNE	4	c	4	-	70	58	c.b.c.	b	trace	10.5			
Wick ...	...	30.22	59	ENE	1	c	30.26	+0.1	55	0	N	2	c	1	-	60	52	om	cm	cm	*			
Nairn ...	...	30.19	61	ENE	2	c	30.26	*	56	-1	-	0	o	1	-	64	50	z.c	z.c	no.	3.9			
Aberdeen ...	...	30.22	59	SSE	2	bc	30.26	+0.1	54	-1	-	0	o	1	-	64	49	oc.b.c	bc.b	b	5.1			
Leith ...	...	30.17	57	N	1	o	30.27	+0.2	56	+1	E	1	o	*	-	60	55	om	o	o	*			
North Shields ...	...	30.21	57	E	2	c	30.28	+0.1	55	+1	E	1	o	3	-	61	52	om	o	o	*			
Spurn Head ...	...	30.16	59	ENE	3	c	30.25	+0.2	56	-2	E	3	o	3	-	62	55	c.	c	c.o.	1.5			
Yarmouth ...	...	30.11	60	NE	5	bc	30.20	+0.2	59	+1	NE	4	c	3	-	64	58	bc.	bc.	bc.c.	10.5			
Clacton-on-Sea ...	...	30.06	65	NNE	4	b	30.17	+0.3	60	+1	NNE	4	c	3	-	67	56	og.c.b.	bc.b	bc.c.	10.0			
Nottingham...	...	30.14	61	E	4	o	30.24	*	58	+3	E	2	c	*	-	65	53	o	o.c	o	2.2			
Bath ...	...	30.05	72	NE	1	bc	30.21	*	58	-1	E	3	o	*	-	73	57	o	z.b.c.	bc.c.	4.3			
London (Kew Obsy.)...	...	30.05	72	ENE	3	b	30.20	+0.2	58	+1	NE	3	om	*	-	74	55	om.b.c.	bc.b	b	8.2			
ICELAND, FAEROE, &c.																								
Spitzbergen ...	...	29.65	41	S	1	o	29.62	-0.2	43	+1	-	0	o	*	-	46	37							
Isafjord...	...	29.76	49	-	0	T	29.83	-0.1	50	0	S	2	T	*	-	*	*							
Reykjavik ...	...	29.91	54	W	2	o	29.81	?	54	+5	E	2	c	*	-	*	*							
Vestmanna ...	...	29.92	51	WSW	4	b	29.85	-0.5	50	+1	E	3	o	1	-	*	*							
Seydisfjord ...	...	29.76	60	NNW	4	c	29.87	0.0	53	+1	-	0	bc.	*	-	*	*							
Thorshavn ...	...	30.10	53	WSW	4	o	30.11	+0.2	54	+1	WSW	3	bc.	*	-	*	*							
SCANDINAVIA.																								
Haparanda ...	...																							
Hernösand ...	...																							
Stockholm ...	...																							
Wisby ...	...																							
Karlstad ...	...																							
Færder (X'lania Fjord)	...	30.01	59	SSW	2	o	30.06	+0.1	59	0	SE	1	o	2	-	63	59							
Bodö ...	...	29.93	53	SW	2	o	29.91	-0.1	51	-1	SW	4	T	2	0.39	54	50							
Christiansund ...	...	30.11	54	WSW	1	o	30.11	+0.1	53	-1	W	3	T	3	0.04	55	52							
Skudesnaes ...	...	30.11	59	N	6	o	30.14	+0.1	56	-1	N	6	b	2	-	61	52							
The Scaw (Skagen)...	...	30.03	60	WSW	2	o	30.03	0.0	61	+2	S	2	o	0	-	70	57							
Blaavands Huk ...	...	30.13	59	NNW	2	o	30.10	-0.1	60	0	NNW	4	o	3	-	63	57							
GERMANY, &c.																								
Cuxhaven ...	...	30.09	63	N	3	b	30.12	+0.1	60	-3	NNW	3	o	0	-	68	59							
The Helder ...	...	30.11	62	NE	5	b	30.19	+0.1	61	-1	NNE	3	bc	1	-	66	59							
Brussels ...	...	30.00	67	ENE	1	b	30.10	+0.4	64	+2	ENE	2	b	*	-	73	53							
Berlin ...	...	30.02	67	NE	1	b	30.05	+0.1	64	+1	N	2	b	*	-	73	54							
Frankfurt ...	...	30.03	62	NE	1	b	30.08	+0.2	62	+1	NE	1	b	*	-	75	54							
Munich ...	...	29.99	58	NE	4	b	30.05	+0.2	57	0	NE	3	b	*	-	68	46							
FRANCE.																								
C. Gris Nez...	...	30.01	63	NE	4	m	30.12	+0.3	61	0	NE	4	o	4	-	70	59							
La Hève ...	...	30.00	68	NE	2	m	30.07	*	63	0	ENE	3	m	2	-	73	59							
Brest (St. Mathieu) ...	...	29.98	59	NNW	3	m	30.04	+0.4	61	+1	NE	3	m	2	0.20	72	59							
Lorient (Bec Melen)...	...																							
Rochefort (Ile d' Aix)	...	29.92	67	SSW	3	c	30.00	+0.3	63	-1	S	3	T	*	0.16	70	61							
Biarritz ...	...	30.04	63	NNW	4	bc	30.04	+0.1	64	-2	WSW	4	c	4	0.51	72	61							
SPAIN, PORTUGAL, &c.																								
Paris ...	...	29.97	70	SW	2	o	30.04	+0.2	63	-1	NNE	1	b	*	trace	81	50							
Belfort ...	...	29.93	68	W	4	m	30.04	*	59	+2	ENE	3	m	*	-	74	55							
Lyons ...	...	30.01	60	-	0	T	30.02	*	60	0	NNW	2	o	*	0.20	66	57							
Nice ...	...	29.75	73	W	1	b	29.83	+0.2	69	-3	SE	1	b	1	0.20	81	61							
Perpignan ...	...	29.95	73	NW	3	o	30.01	+0.2	69	-1	NW	3	b.	3	-	81	62							
Sanguinaire ...	...	29.87	72	W	2	m	29.82	*	73	+1	W	2	m	3	-	79	68							
Corunna (S.a.m.) ...	...	30.14	64	SW	3	o	30.11	0.0	62	0														



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 31<sup>ST</sup> JULY.



NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



## GENERAL INFERENCE

The anticyclonic system extending over these islands from the Atlantic appears

## WEATHER PROSPECTS.

likely to expand somewhat in an easterly and southerly direction.

## FORECASTS FOR THE 24 HOURS NOON FRIDAY

## TO NOON SATURDAY.

0 { a Wind mainly W.S., light; fair generally; moderate temperature.

1 { light variable airs; fair; moderate temperature.

2 { a Wind mainly E.S., light or moderate; fair generally; moderate temperature.

3 Same as No. 5.

4 { a Same as No. 2.

5 { Wind mainly N.E., light or moderate, fresh at times; fair generally; no important change of temperature.

## 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.

6 { a Same as No. 1.

7 { a Same as No. 2.

8 { a

9 { a Wind light, from some N.E. point; fair to bright; moderately warm.

10 { a

## 11 WESTERN CHANNEL AND BAY.

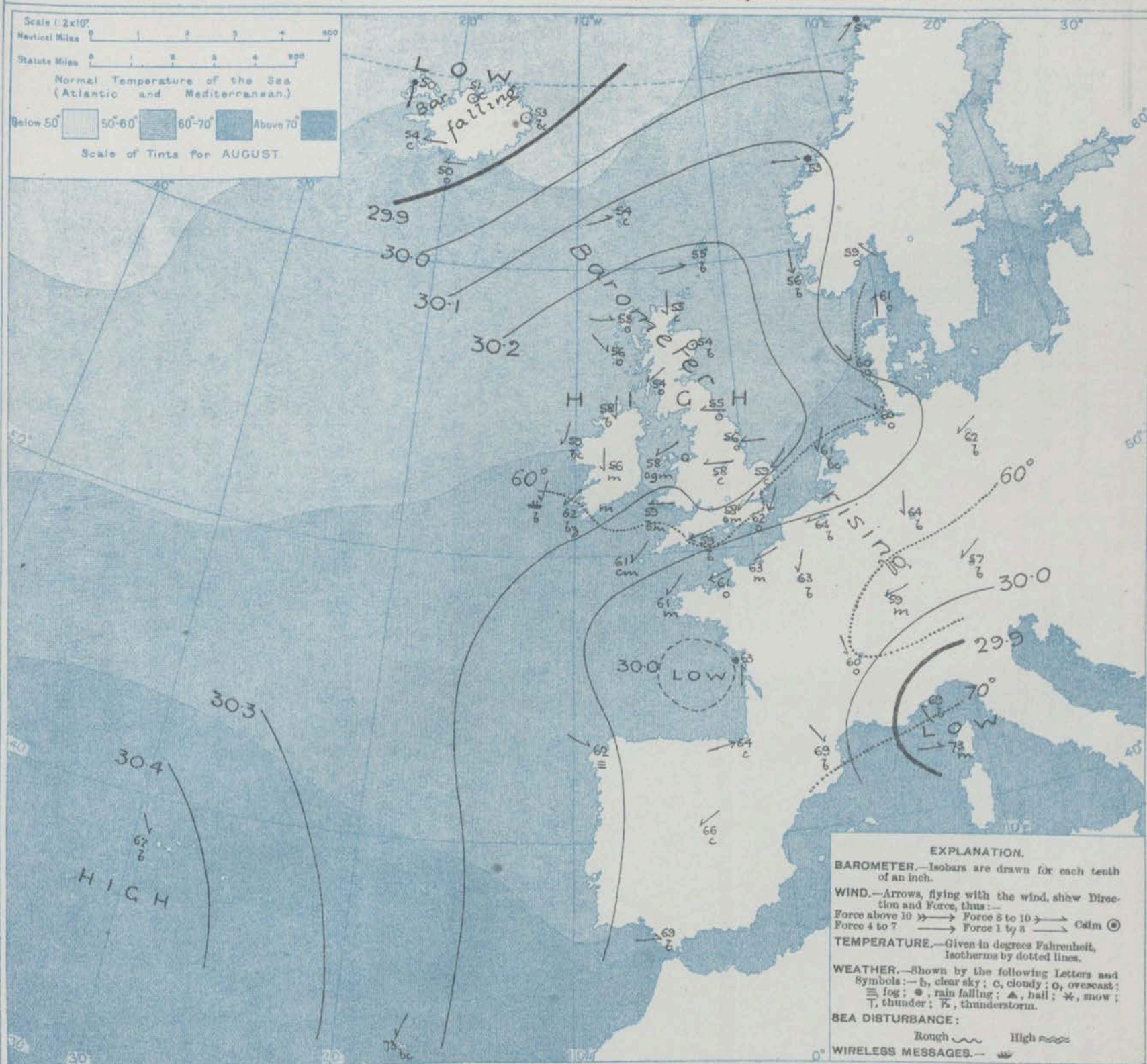
N.E. winds, light or moderate; mostly fair, some mist; slight sea.

## THE FURTHER OUTLOOK. (Districts 1 to 10.)

Similar conditions continuing.



# SYNOPTIC CHART FOR 7 A.M. FRIDAY, 1<sup>ST</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.4 in. at the Azores, and above 30.2 in. over the United Kingdom. To the southward the readings decrease to about 30 in. in a depression of diminishing intensity over the Bay of Biscay, to below 29.9 in. over the Gulf of Genoa; and to the northward to below 29.9 in. over Iceland.

The wind is light and variable in Scotland, light to fresh from East or North East over England and the Channel, and light from the Northward in Ireland. Temperature ranges over these islands from 64° at Newquay and 62° at Bingeress and Valencia to 54° at Aberdeen. The sky

has little cloud at several of our western and south western stations, but over this country generally the weather is very cloudy or overcast, with mist in places. Rain is falling at Rochefort and also on the northwest coast of Norway; on the Continent generally, however, the conditions are fair to bright.



## DAILY WEATHER REPORT.

Friday, 1st August, 1913.

## 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.	52	13	Royal George	H	30.27	+0.1	NNE	1-3	b	1st 7 a.m.	53	29	Tenonic	H	30.07	+0.2	S	4-5	bc
31st 6 p.m.	53	20	do do	H	30.25	+0.4	S	4-5	o	"	53	28	Mount Royal	H	30.14	-0.0	SSW	1-3	bc
"	52	24	Tenonic	H	30.09	+0.1	S	1-2	bc	"	53	26	Royal George	H	30.11	+0.1	S	4-5	f
"	53	24	Mount Royal	H	30.15	-0.1	SSW	1-3	c										
"	50° 15'	6° 23'	H.M.S.		30.01		NE												

## 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.	In.	F.	F.	bc	bc	Hr.	Margate ...	In.	F.	F.	c	c.b	5.9
Oban ...	-	65	51	bc	bc	1.5	Ramsgate ...	-	61	58	c	c.b	10.0
Stonehaven ...	-	62	53	bc	c.b	6.1	Folkestone ...	-	64	56	b	b	10.2
Carnoustie ...	-	57	54	"	"	0.0	Hythe ...	-	74	57	b	b	10.2
St. Andrews ...	-	60	54	"	"	0.0	Littlestone ...	-	"	"	"	"	9.8
England, N.E.							Hastings ...	-	76	54	b	b	10.3
Harrogate ...	-	60	50	"	"	0.1	Bexhill-on-Sea ...	-	76	55	b	b	9.6
Scarborough ...	-	63	54	"	"	3.2	Eastbourne ...	-	76	54	bc.b	b	8.5
England, N.W.							Seaford ...	-	76	53	c.b	b	9.0
Douglas ...	-	66	53	g.b	bc.o	3.4	Brighton ...	-	77	56	c.b.c.b	b	9.3
Blackpool ...	-	64	51	"	b	11.0	Worthing ...	-	78	55	bc.b	b	8.0
Southport ...	-	73	49	o.b.c.b	b	9.0	Littlehampton ...	-	"	"	"	"	5.7
Mid-lands.							Southsea ...	-	77	55	o.c.b	b	5.2
Buxton ...	-	66	50	bc	bc	8.6	Ryde ...	-	73	60	"	o.b	2.0
Leamington Spa ...	-	66	56	"	c.b	1.6	Ventnor ...	-	"	"	"	"	2.0
Malvern ...	-	"	"	"	"	3.4	Bournemouth ...	-	74	52	d/o	o.c	2.0
Wales.							Weymouth ...	-	72	55	o.c	bc	0.4
Rhyl ...	-	70	49	bc	bc	8.5	Exmouth ...	-	69	58	bc.c	c.b	1.3
Colwyn Bay ...	-	67	51	b	b	9.5	Teignmouth ...	-	68	58	"	c	1.0
Llandudno ...	-	68	54	b	b.m	10.0	Torquay ...	-	69	58	"	"	0.4
Bettws-y-Coed ...	-	"	"	"	"	"	Paignton ...	-	68	58	"	o.c.b	0.4
Aberystwyth ...	-	72	55	o.c.	c.b.o	5.7	Falmouth ...	-	64	59	"	"	0.4
England, E.							Bude ...	-	"	"	"	"	5.1
Lowestoft ...	-	62	56	"	bc	9.6	Ilfracombe ...	-	67	56	bc	"	6.3
Felixstowe ...	-	66	57	c.b.c.b	b	11.4	Weston-super-Mare ...	-	70	57	bc.b	bc.b	6.3
Walton-on-Naze ...	-	62	57	ogm.b	b	8.5							
Southend-on-Sea ...	-	68	54	bc	b	8.0							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.
	1 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.		
			Max.	Min.		Max.												Min.	
			24 HOURS ENDED 9 A.M. TO-DAY.																
Greenwich (Royal Obs.) ...	%	%	F.°	F.°	F.°	In.				Hr.	Dublin to 4 p.m.	In.	F.°	F.°	F.°				
City (Bunhill Row) ...	54	82	75	55	48	-	b	b	b.c.c.	8.6	Plymouth to 9 p.m.	-	66	55	53	cm	bcn	bcn	
Westminster (St. James's Pl.)	*	*	*	*	*	*	*	*	*	8.4	Darwen "	-	67	52	46	bcw	bc	bc	
Camden Sq. (Brit. Rainfall)	60	91	74	57	52	-	b	b	b.c.	8.4	Manchester "	-	72	55	*	b	b	b	
Hampstead (Reservoir) ...	49	80	79	55	52	-	b.c.b	b	b.c.c.	8.3	Birmingham "	-	68	53	50	c	*	*	
Kew. (See front page.)	*	84	72	54	47	-	bc	bc	b.c.	8.4	Oxford to 8 p.m.	*	*	*	*	*	*	*	
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																			
Total.			Mean Rate.			Max. Rate.													
S. Kensington (Roof of M.O.)			Joules.			Milliwatts.													
59			1490			26.8													
						67.5			S. Kensington (Museum Grounds to 6 p.m.)										

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

1st and 2nd Aug. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.13 4.15	G.M.T. 12.59 12.59	G.M.T. 7.45 7.43
Greenwich ...	4.24 4.26	12.6 12.6	7.48 7.46
Wick ...	4.3 4.6	12.18 12.18	8.33 8.30
Valencia ...	5.3 5.5	12.47 12.47	8.32 8.30

During yesterday temperature rose to above 75° at a few stations on the south coast of England, but remained below 65° over a large area in the north and east. Bright sunshine was less prevalent in the south west of England, and in some parts of Scotland and the north of England than elsewhere. According to wireless reports a light to moderate S.W. breeze was general between the Irish coast and the 24th meridian.

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

Saturday  
2nd August 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	F.	Dir.			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dir.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
																						Hours		

## GALES.

Duration and Extreme Force  
on British Coasts.

\* Information for these columns not usually received.

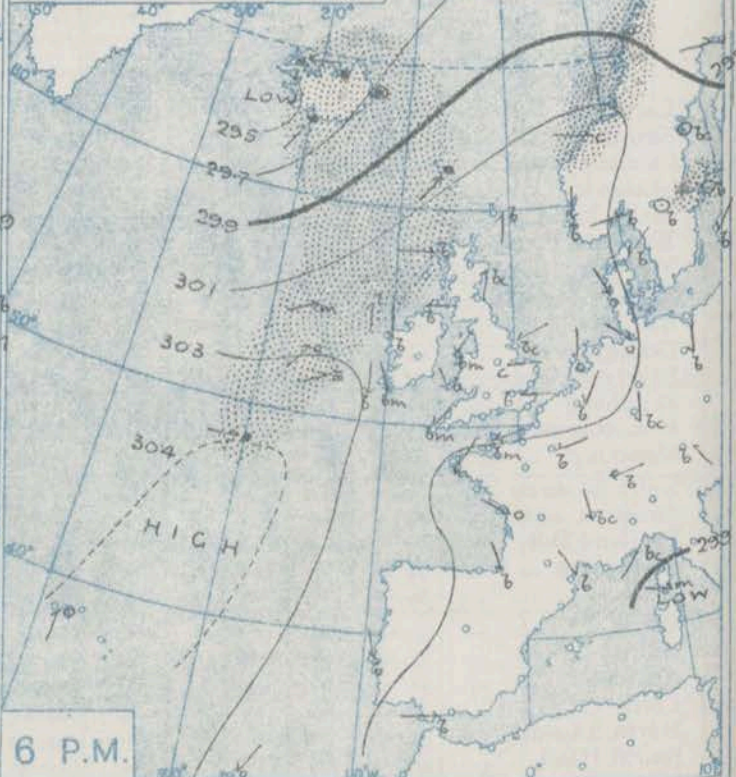
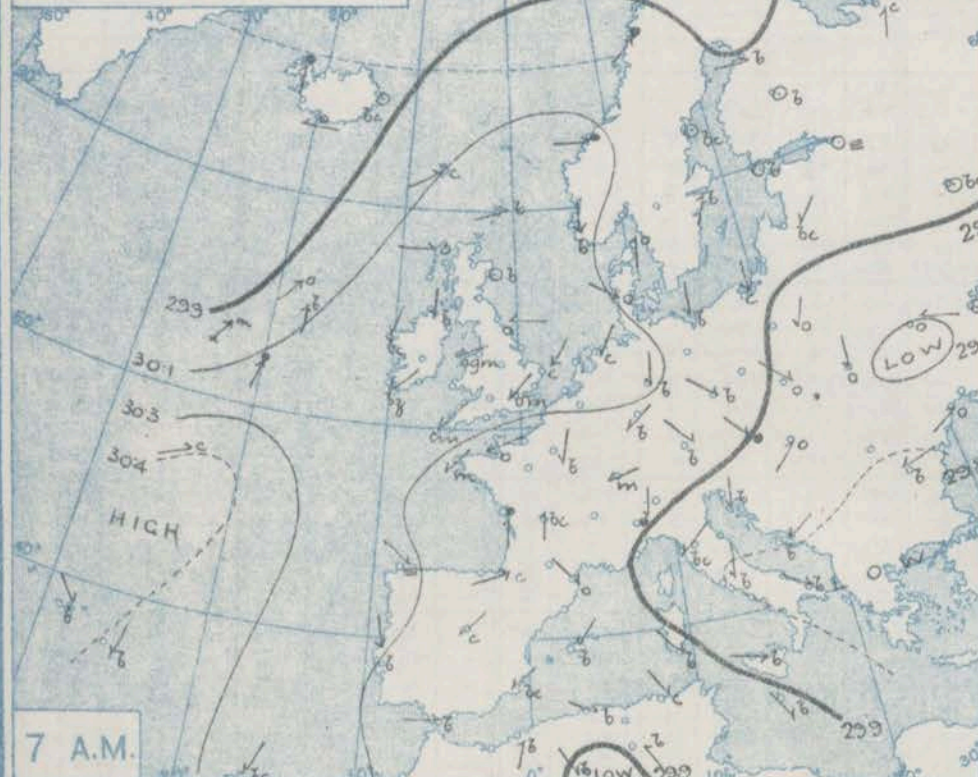
† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 1<sup>ST</sup> AUGUST.



NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



## GENERAL INFERENCE

## WEATHER PROSPECTS.

A slight fall of the barometer reported in the extreme north of Scotland may be accompanied

by some showers in its immediate neighbourhood, but over the United Kingdom generally the weather will remain dry.

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

0 { <sup>a</sup> W<sup>ly</sup> and S.W. winds, light or moderate; some local showers, then fair; moderate temperature.

1 { Wind variable or W<sup>ly</sup>, light; fair to bright generally, mist or fog

2 { <sup>a</sup> locally at times; moderately warm

3 Same as No. 5.

4 { <sup>a</sup> light variable winds; mostly fair or bright, mist locally at times; rather warmer.

5 { Wind light or moderate between East and North-East, fair or bright generally; temperature changing little

## 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.

6 { <sup>a</sup> Same as Nos. 1 & 2.

7 { <sup>a</sup> Same as No. 4.

8 { <sup>a</sup>

9 { <sup>a</sup> Light variable winds; fair to bright generally, some mist or fog locally; temperature rather high.

10 { <sup>a</sup>

## 11 WESTERN CHANNEL AND BAY.

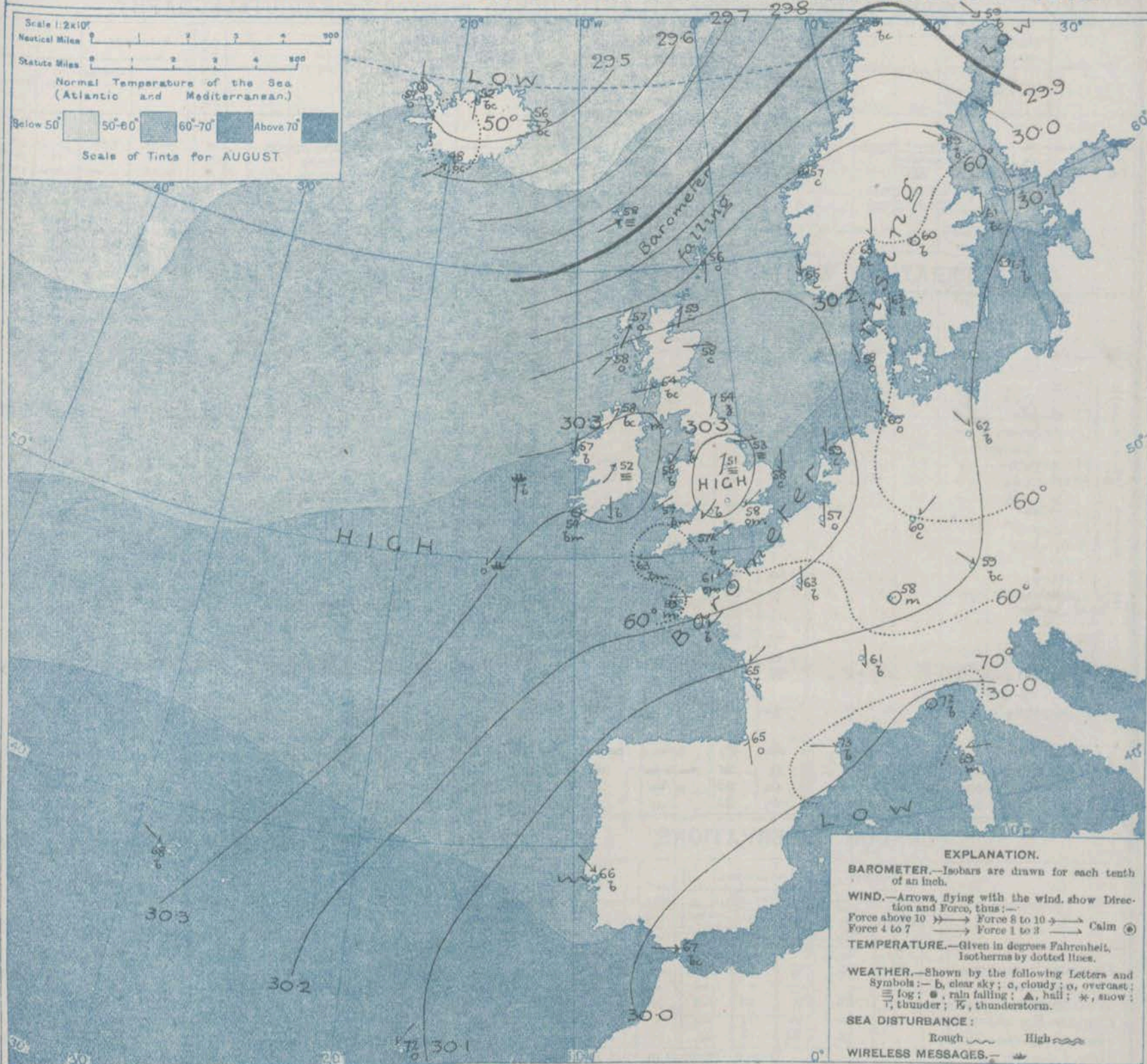
Wind mainly between E. and N.E., light or moderate; sea slight or smooth; some mist at times, otherwise fine.

## THE FURTHER OUTLOOK. (Districts 1 to 10.)

Similar conditions continuing



# SYNOPTIC CHART FOR 7 A.M. SATURDAY, 2<sup>nd</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

An anticyclone, with the barometer above 30.3 in., extends from the Azores across the United Kingdom and the North Sea, and the mercury is still rising generally. To the northward of Iceland the readings are below 29.5 in. and in the south east of France below 30 in.

The wind is light to fresh from west and south-west between Scotland and Iceland, northerly or variable over the North Sea region, and light or moderate from the north-eastward on our southern coasts. Temperature ranges over these islands from 63° in the south-west of England, and

60° at Slain and Leith to 52° at Bir Castle and 51° at Nottingham. Fog prevails at Bir Castle, Nottingham and Spurn Head and mist in a few other localities, but over these islands as a whole the weather is fair to bright. An overcast sky, is, however, reported locally in the south-east and in the far north-west. On the Continent the weather is mostly fair to very fine.



## DAILY WEATHER REPORT.

Saturday, 2nd August, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward H Inward H	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward H Inward H	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
2nd Jan	52	14	Mount Royal	H	30.33	-01	S	1-3	b	1st. 6pm	51	9	Royal George	H	30.25	-02	-	0	m
19th. 6pm	49	14	Lapland	H	30.31	-02	NE	1-3	v	"	51	11	Adriatic	H	30.17	+03	M	4-5	b
"	54	20	Be	H	30.40	-00	W	1-3	v	"	47	25	Lapland	H	30.33	-01	SW	1-3	m
"	54	17	Cameronia	H	30.16	+04	WSW	6-7	m	"	53	23	Cameronia	H	29.98	-00	SW	6-7	m
"	52	17	Mount Royal	H	30.24	+01	SW	1-3	o	"	52	20	Mount Royal	H	30.05	-00	SSW	4-5	v
"	52	14	H.M.S.	H	30.30	-	WSW	1	f	"	58	18	Virginian	H	29.92	-03	WSW	4-5	b
"	55	11	Teutonia	H	30.23	-00	S	1-3	b	"	55	17	Teutonia	H	30.18	+01	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	In.	F.	F.			Hr.	(Margate ...)	In.	F.	F.			Hr.
(Oban ...)	-	66	56	c.ay	bc	7.2	(Ramsgate ...)	-	67	59	c	b	7.2
(Stonehaven ...)	-	66	47	by	by	10.7	(Folkestone ...)	-	62	57	"	"	10.7
(Carnoustie ...)	-	62	54	"	"	7.4	(Hythe ...)	-	65	58	bc.b	b-bc	7.4
(St. Andrews ...)	-	69	58	b	bc	7.3	(Littlestone ...)	-	"	"	"	"	7.3
Engl. N.E.							(Hastings ...)	-	68	58	c.b	b	7.3
(Harrogate ...)	0.02	63	52	o.c	bc.b	2.0	(Bexhill-on-Sea ...)	-	68	58	bc.	b	2.0
(Scarborough ...)	-	64	56	bc	bc	5.7	(Eastbourne ...)	-	70	57	b	b	5.7
England, N.W.							(Seaford ...)	-	70	53	b	b	5.7
(Douglas ...)	-	62	57	o	o.b	1.5	(Brighton ...)	-	71	57	b	b	1.5
(Blackpool ...)	-	67	55	o.c	bm	5.2	(Worthing ...)	-	71	56	b	b	5.2
(Southport ...)	-	68	53	ay	bc.b	4.5	(Littlehampton ...)	-	"	"	"	"	4.5
Mid-lands.							(Southsea ...)	-	74	56	b	b	4.5
(Buxton ...)	-	63	51	cy	bc.b	4.3	(Ryde ...)	-	"	"	"	"	4.3
(Leamington Spa ...)	-	71	50	c.b	b	7.6	(Ventnor ...)	-	"	"	"	"	7.6
(Malvern ...)	-	"	"	"	"	"	(Bournemouth ...)	-	75	64	b	b	"
Wales.							(Weymouth ...)	-	79	56	by	by	11.5
(Rhyl ...)	-	69	52	bc	bc	7.1	(Exmouth ...)	-	75	57	b	b	11.5
(Colwyn Bay ...)	-	66	51	b	b	8.4	(Teignmouth ...)	-	73	58	b	b	11.5
(Llandudno ...)	-	66	53	b	b	10.0	(Torquay ...)	-	72	58	bc.b	b	11.5
(Bettws-y-Coed ...)	-	"	"	"	"	"	(Paignton ...)	-	72	58	bc.b	b	11.5
(Aberystwyth ...)	-	74	55	c.b	b-bc	12.5	(Falmouth ...)	-	71	58	b	b	11.5
England, E.							(Bude ...)	-	"	"	"	"	11.5
(Lowestoft ...)	-	62	57	c-bc	bc.b-bc	6.4	(Ilfracombe ...)	-	70	59	c	c	11.5
(Felixstowe ...)	-	62	58	m-o-bc	bc	7.9	(Weston-super-Mare ...)	-	73	58	c.b	b	7.9
(Walton-on-Naze ...)	-	62	56	o-bc	b	6.1							
(Southend-on-Sea ...)	-	67	56	o	b	6.5							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.				
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Mid. on Grass.	Night.	Fore-noon.	After-noon.			
			Max.	Min.		Max.												Min.		
			24 HOURS ENDED 9 A.M. TO-DAY.															Max.	Min.	
Greenwich (Royal Obs.) ...	%	%	F.°	F.°	F.°	In.				Hr.	Dublin to 4 p.m.	In.	F.°	F.°	F.°	cm.	cm.	b		
City (Bunhill Row) ...	59	76	72	52	41	-	0	b	b.0	5.7	Plymouth to 9 p.m.	-	66	54	52	cm.	cm.			
Westminster (St. James's Pl.)	*	*	*	*	*	*	*	*	*	4.4	Darwen "	-	64	51	46	c.ow	og	og.b		
Camden Sq. (Brit. Rainfall)	70	86	71	55	45	-	0.6c	bc	bc.0	5.0	Manchester "	-	68	52	*	bc.0	o.c	bc.b		
Hampstead (Reservoir) ...	57	74	76	52	49	-	0	c.bc	b.c0	5.3	Birmingham "	-	71	53	51	b	c.b	b		
Kew. (See front page.)	*	76	69	51	44	-	0.	bc	bc.0	5.2	Oxford to 8 p.m.	=	71	56	56	ba	o.b.c.b	b.		
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																				
Total.			Mean Rate.			Max. Rate.														
S. Kensington (Roof of M.O.)	67	82	12.05 Joules.			21.7 Milli-watts.			76.0 Milli-watts.			4.6	S. Kensington (Museum Grounds to 6 p.m.)	-	72	56	50	0	c.b.c0	bc.b

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

2nd-3rd Aug. 1913.	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	12.18 12.18	8.30 8.27
Valencia ...	5.5 5.7	12.47 12.47	8.30 8.28

During yesterday temperature rose to above 70° in many parts of England and Ireland, the highest reading reported being 79° at Weymouth. Much bright sunshine was recorded in the south and south west and in some localities elsewhere. According to various reports a light to moderate breeze from the south-westward prevailed as far west as the 20th meridian.

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

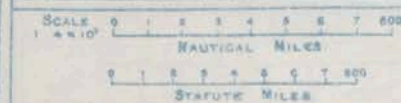
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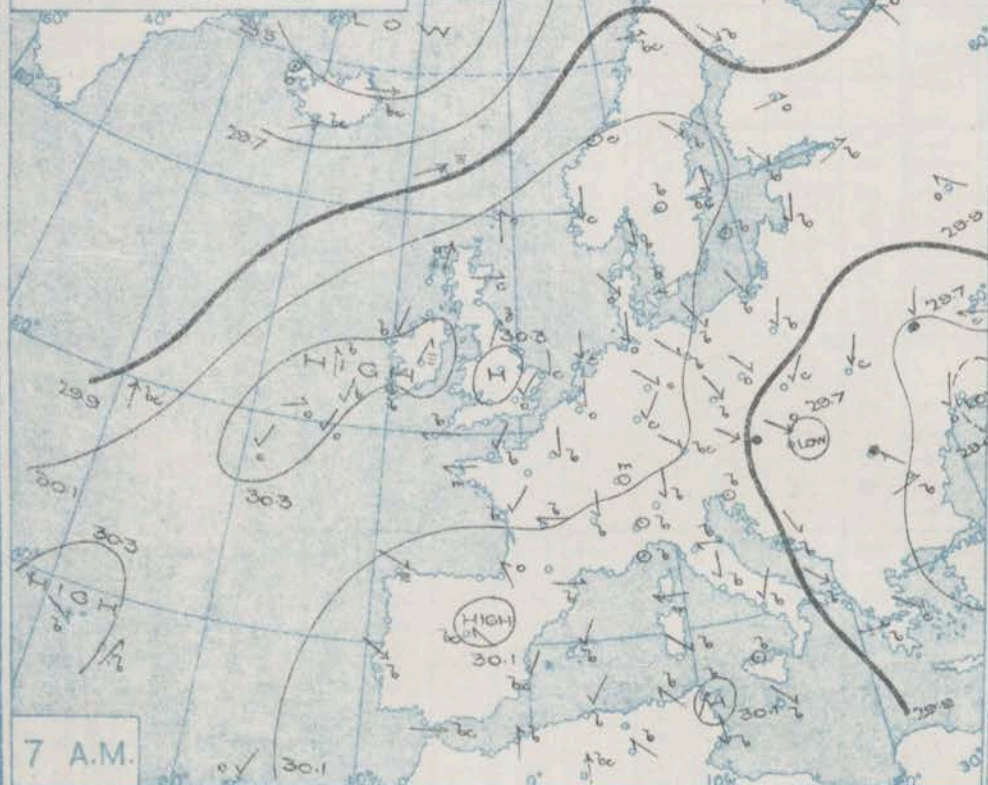
† Received too late for insertion in Charts.



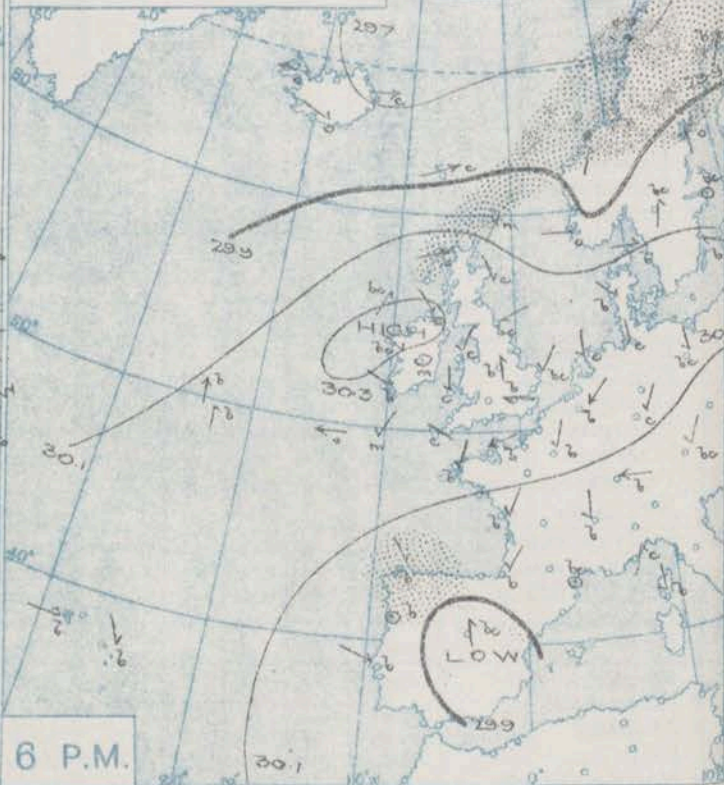
# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 2<sup>ND</sup> AUGUST.



NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



7 A.M.



6 P.M.

GENERAL INFERENCE

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY

0 {  
a  
b

1

2 {  
a  
b

3

4 {  
a  
b

5

*None issued.*

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.

6 {  
a  
b

7 {  
a  
b

8 {  
a  
b

9 {  
a  
b

10 {  
a  
b

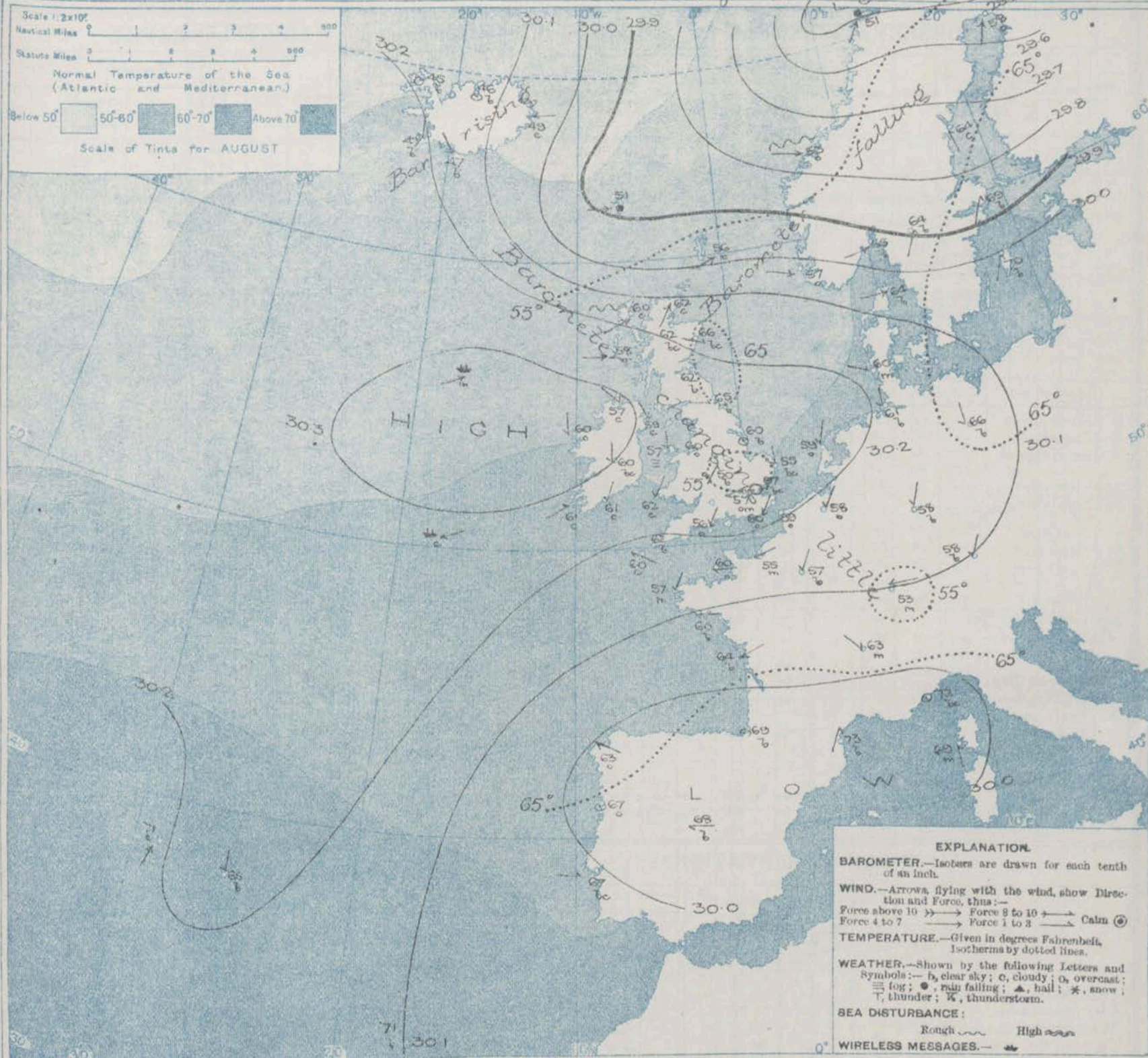
*None issued.*

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Sunday, 3<sup>rd</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large anticyclone still extends from the Atlantic over the greater part of Western Europe. A depression of moderate intensity is passing across the north of Scandinavia and is causing a fall of the barometer over the northern parts of the United Kingdom and the Continent. In Iceland the mercury is rising again.

The wind is light to moderate from the N.E. over England, France, Germany and the Netherlands. Over Scotland and northern Europe it is S.W. or S.E. and strong in some many places. Temperature has fallen slightly over England and the neighbouring parts of the Continent, risen

elsewhere. In the United Kingdom the morning readings range from 66° at Aberdeen, and 65° at Shields to 55° at Yarmouth and 50° at Nottingham. Over North Germany and the Baltic the thermometer ranges between 65° and 70°, and in the extreme south of France it is above 70°. The weather is fair or fine over Western Europe as a whole, but fog or mist is again prevalent on many parts of our own western coasts. Rain is falling at Bodo and Thorsheim. The sea is slight or smooth generally, but moderate in the Straits of Dover, and rather rough in the Minch.



# DAILY WEATHER REPORT.

Sunday, 3<sup>rd</sup> August 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THÉR.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THÉR.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
2nd 6pm.	50	23	Scotian	H	30.20	+0.5	S	6-5	b.	2nd 7am.	49	28	Scotian	H	29.94	+0.1	S	6-7	b.c.
"	49	22	Adriatic	O	30.12	-0.3	S	1-3	b.	" 7am.	48	19	Minnewaska	H	30.32	-0.1	N.E.	1-3	"
"	49	14	Minnewaska	H	30.27	-0.5	E	4-5	"	"	50	16	Adriatic	O	30.20	-0.1	W.S.W.	1-3	"
"	55	10	Hesperian	O	30.27	-0.2	SW	1-3	b.c.	"	51	13	Lake Michigan	O	30.31	+0.3	N.N.E.	1-3	"
"	49	10	Lapland	H	30.20	-0.6	N.E.	1-3	m.										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.			Hr.	Margate	In.	F.	F.			Hr.
Stonehaven	-	82	51			67	Ramsgate	-	67	57	c.	c.b.c.	1.6
Carnoustie	-						Folkestone	-	62	57		b.b.c.	2.4
St. Andrews	-						Hythe	-	62	59	po. c.b.	b.b.c.	2.4
England, N.E.							Littlestone	-					2.8
Harrogate	-	75	47	c.b.c.	b.b.c.	77	Hastings	-	66	51	c.o.	b.	6.1
Scarborough	-						Bexhill-on-Sea	-	65	53	b.c.	b.c.b.	8.6
England, N.W.							Eastbourne	-	65	?	b.c.	b.c.	8.0
Douglas	-	69	50	b.c.	b.c.	9.0	Seaford	-	70	49	b.	b.	11.3
Blackpool	-	68	49	b.c.	b.c.	6.7	Brighton	-	69	51	b.b.c.	b.c.b.	10.3
Southport	-	67	62	b.	b.c.b.	8.9	Worthing	-	68	51	c.b.c.b.	b.	11.0
Mid-lands.							Littlehampton	-					9.3
Buxton	-	72	41	b.	b.c.	5.9	Southsea	-					6.8
Leamington Spa	-	71	46	c.b.	b.c.	3.1	Ryde	-	65	43	b.	b.	
Malvern	-						Ventnor	-					
Wales.							Bournemouth	-	69	49	b.b.c.	b.b.c.	1.1
Rhyl	-	63	50	b.c.b.	b.	9.3	Weymouth	-	71	54	b.c.	b.c.	9.6
Colwyn Bay	-	69	51	b.	b.	8.5	Exmouth	-					
Llandudno	-	68	53	b.c.	b.	7.7	Teignmouth	-	69	54	b.	b.	9.7
Bettws-y-Coed	-						Torquay	-	53	55			10.0
Aberystwyth	-	70	55	c.b.	b.b.c.	11.3	Paignton	-	66	53	b.b.c.	b.c.	9.9
England, E.							Falmouth	-	67	57	b.	b.	10.6
Lowestoft	-	63	54	m.b.c.	b.c.b.	7.1	Bude	-	77	52	b.c.	b.c.	10.5
Felixstowe	-	61	56	o.b.c.	c.b.c.	6.3	Hfracombe	-	68	56	b.	b.c.	8.6
Walton-on-Naze	-						Weston-super-Mare	-					
Southend-on-Sea	-	65	55		b.c.	7.5							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain- fall.	WEATHER.			Sun- shine for Yesterday.
	p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.	
Greenwich (Royal Obs.)	60	72	69	50	36	o	b.c.	b.	5.2
City (Bunhill Row)	"	"	"	"	"	"	"	"	3.3
Westminster (St. James's Pk.)	69	77	70	55	47	b.c.	b.b.c.	b.c.	3.5
Camden Sq. (Brit. Rainfall)	70	78	73	50	47	o.c.	b.c.b.	b.b.c.	4.3
Hampstead (Reservoir)	"	77	68	52	40	"	b.c.	b.c.	4.3
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
			Total.	Meas. Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)			69	77		2.5			
			Joules.		Milliwatts.	Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.			Sun- shine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
Dublin to 4 p.m.	-	70	49	47	b.c.	b.	1.1
Plymouth to 9 p.m.	-	75	54	48	b.c.	b.c.	7.7
Darwen	-	76	49	44	b.c.	b.c.	6.2
Manchester	-	76	50	"	b.c.	b.c.	4.7
Birmingham	-	71	50	35	b.	b.	4.7
Oxford to 8 p.m.	-	71	47	43	b.c.	b.c.	
S. Kensington (Museum Grounds to 6 p.m.)	-	70	54	47	b.c.	b.c.	

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

3rd & 4th Aug. 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.17	11.59	7.41
	4.19	11.59	7.39
Greenwich	4.28	12.6	7.44
	4.30	12.6	7.42
Wick	4.9	12.18	8.27
	4.12	12.18	8.24
Valencia	5.7	12.47	8.28
	5.9	12.47	8.26

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 70° and upwards in many parts of the United Kingdom, to 75° in Central Ireland and the east of Scotland, and to 82° at Carnoustie. On the south-east coasts of England it scarcely exceeded 60°. Very little bright sunshine was recorded on the Kentish Coast; elsewhere the duration was large. Slight rain fell in Shetland and the Hebrides. Wireless reports show that as far west as the 20th meridian ships experienced light variable breezes and fair but cloudy weather; further west the wind was strong from the southward.

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.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,  
4th August, 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.				
		At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Direc.	Change since 4 a.m.				Dry Bulb.	Change since Yesterday.	Max.	Min.						Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.				
In.		F.	In.	F.	In.	F.	In.	F.	In.	F.	In.	F.	In.	F.	In.	F.	In.	F.	In.	F.	Hours			
Lerwick ... ..		30.07	54	W	5	r	30.20	+0.1	51	-6	WNW	2	bc	3	0.02	57	42	cp	bep	bc	*			
Stornoway ... ..		30.24	57	NW	6	cpq	30.33	-0.0	52	-8	NNE	4	c	1	0.01	62	49	cpq	cpq	o.c.	2.5			
Castlebay (Barra Isd.)		30.27	58	NW	4	c	30.33	+0.2	54	-4	NE	2	c	2	Trace	62	52	o.camp	omp.c	c.o.c	3.0			
Glasgow ... ..		30.19	62	WNW	2	c	30.28	+0.5	53	-7	ESE	1	c	*	-	71	49	bc.b	bc.c	c.b.c	10.3			
Malin Head ... ..		30.28	57	NW	4	og	30.19	-0.0	54	-3	W	6	bcq	4	Trace	64	52	bc	og	bcq	*			
Blackrod Point ... ..		30.32	64	N	1	b	30.29	-0.0	58	-2	NE	2	o	2	Trace	66	55	ombq	bq	bcq	*			
Valencia ... ..		30.24	69	NNE	3	ey	30.21	-0.0	60	-1	NE	3	c	3	Trace	72	57	ombq	bq	bcq	4.0			
Roche's Point ... ..		30.21	65	S	1	c	30.19	*	60	-1	NNE	3	o	3	-	69	58	by	b.b.c	bc.cq	*			
Birr Castle ... ..		30.24	68	N	2	c	30.23	*	54	-6	NNW	3	c	*	-	70	53	c	c	c	0.4			
Donaghadee ... ..		30.24	63	N	3	b	30.24	+0.2	55	-4	N	3	c	3	-	66	54	b	b	o.b.c	*			
Liverpool Obsy. ... ..		30.17	62	W	4	bc	30.16	+0.1	59	-1	NE	3	bc	3	-	66	57	c	bc	bc	4.6			
Holyhead ... ..		30.21	61	N	3	cv	30.16	-0.0	58	+1	NE	3	cg	2	-	66	54	f.b.c	bc.c	bc.b	7.4			
Pembroke (St. Ann's Hd.)		30.13	61	NE	5	bc	30.10	-0.0	56	-6	NE	5	cg	3	Trace	72	55	cm	bc	bc	9.0			
Newquay ... ..		30.11	64	N	2	by	30.06	-0.0	61	-1	NE	3	bc	3	-	67	57	by	by	by	12.2			
Scilly (St. Mary's) ... ..		30.13	65	-	0	cm	30.05	-0.1	60	0	NE	4	cm	3	-	69	59	cm	cm	cm	10.3			
Jersey (St. Aubin) ... ..		30.10	67	-	0	b	30.05	*	62	+2	E	3	bm	3	-	70	56	bc	b	bm	10.3			
Portland Bill ... ..		30.13	61	SE	2	b	30.05	-0.1	61	+5	NNE	4	c	3	-	66	55	o.b.c	b.b.c	b.b.c	*			
Dungeness ... ..		30.13	63	NE	4	b	30.08	-0.2	56	-4	NNE	2	bc	1	-	64	57	c.o	bc	b.f.c	*			
Dover ... ..		30.11	59	NE	3	b	30.06	*	59	0	NNW	2	b	2	0.01	65	46	c.c	c.b.c	b.b.c	4.7			
Wick ... ..		30.14	55	WNW	4	c	30.28	+0.3	52	-10	NNW	3	bcq	3	0.02	62	49	cpq	cpq	cpq	*			
Nairn ... ..		30.19	58	W	3	c	30.28	*	52	-10	N	1	o	1	-	69	49	v.b.c	cpq	og	5.6			
Aberdeen ... ..		30.14	63	NW	6	c	30.26	+0.3	53	-13	NNW	2	o	2	-	76	50	bc.c	c	c.o	10.3			
Leith ... ..		30.12	71	W	3	b	30.26	+0.4	56	-7	NE	2	c	*	-	76	54	b	b	b	*			
North Shields ... ..		30.11	64	NE	3	c	30.24	-0.2	55	-10	N	3	or	3	-	76	54	b	b	o	11.7			
Spurn Head ... ..		30.10	61	SE	3	c	30.15	+0.3	57	-3	NNE	4	c	3	-	66	55	b	c	c	11.7			
Yarmouth ... ..		30.14	61	NE	1	b	30.08	-0.0	55	0	NW	1	o	1	-	65	53	b	b	b.o	10.4			
Clacton-on-Sea ... ..		30.13	62	E	2	b	30.07	-0.1	57	0	NNE	2	bc	1	-	65	50	bc	bc.b	b.b.c	10.5			
Nottingham ... ..		30.08	75	NE	1	bc	30.14	*	58	+8	NE	4	o	*	-	81	50	bm	bm.b.c	bc.c	8.2			
Bath ... ..		30.09	77	E	1	b	30.09	*	62	+5	NE	2	o	*	-	81	58	b	b	b.o	9.7			
London (Kew Obsy.) ... ..		30.09	74	ESE	2	b	30.07	-0.0	58	+1	-	0	cm	*	-	76	52	om.b	b	b.b.c	11.1			
Spitzbergen ... ..		29.69	36	N	4	o	29.79	+0.2	40	+2	-	0	o	*	-	41	36							
Isafjord ... ..		30.22	53	W	5	o	30.21	+0.4	51	+6	W	6	o	*	-	*	*							
Reykjavik ... ..		30.40	56	NNW	2	b	30.36	-0.0	50	+3	WSW	3	o	*	-	*	*							
Vestmanna ... ..		30.36	55	-	0	b	30.32	-0.1	48	+1	NW	9	o	1	-	*	*							
Seydisfjord ... ..		30.20	57	ESE	4	c	30.12	-0.0	52	+3	SW	1	b	*	-	*	*							
Thorshavn ... ..		30.18	55	NNW	6	bc	30.25	-0.2	50	-1	WNW	4	b	*	-	*	*							
Haparanda ... ..		29.46	58	WSW	2	c	29.46	+0.2	57	-1	SW	4	c	*	-	66	48							
Hernösand ... ..		29.58	55	-	0	bc	29.60	-0.0	60	-6	WNW	2	b	*	0.04	70	52							
Stockholm ... ..		29.67	67	WSW	2	b	29.62	-0.0	64	-5	WSW	4	b	*	-	77	59							
Wisby ... ..		29.79	65	SW	4	b	29.72	-0.03	63	-7	W	6	b	*	-	77	61							
Karlstad ... ..		29.67	66	WSW	2	bc	29.75	+0.2	59	-5	NNW	6	b	*	-	77	54							
Færder (Xianla Fjord)		29.72	64	SW	6	bc	29.78	+0.3	59	-6	NNW	4	c	3	-	68	57							
Bodö ... ..		29.43	50	SW	3	r	29.53	+0.3	53	+2	-	0	c	1	0.39	52	48							
Christiansund ... ..		29.74	50	WNW	5	r	29.93	+0.3	49	-4	NW	2	c	3	0.83	54	48							
Skudesnaes ... ..		29.95	54	NW	4	bc	30.03	+0.1	53	-4	N	8	c	2	0.16	54	48							
The Scaw (Skagen) ... ..		29.86	61	WNW	7	o	29.80	-0.1	61	-3	NW	5	b	1	-	66	55							
Blaavands Huk ... ..		30.04	62	W	1	o	29.97	-0.2	59	-1	NNW	3	c	2	Trace	66	53							
Cuxhaven ... ..		30.06	62	NW	2	b	29.96	-0.2	61	0	NW	2	o	0	-	66	55							
The Helder ... ..		30.12	61	NNW	3	b	30.04	-0.1			N			2	-	64	57							
Brussels ... ..		30.06	63	ESE	2	b	30.02	-0.1	62	+4	-	0	b	*	-	72	52							
Berlin ... ..		29.98	73	N	2	b	29.95	-0.2	68	+2	SW	1	b	*	-	82	63							
Frankfurt ... ..		30.01	68	NE	1	b	29.98	-0.1	65	+7	E	1	b	*	-	79	57							
Munich ... ..		30.00	64	S	2	c	29.98	-0.2	62	+4	NE	2	b	*	-	72	52							
C. Gris Nez ... ..		30.10	60	NE	4	bc	30.04	*	59	41	NE	3	c	2	-	66	54							
La Hève ... ..		30.12	59	NE	3	b	29.99	*	57	+2	NE	2	m	0	-	72	54							
Brest (St. Mathieu) ... ..		30.06	67	NE	2	b	30.08	-0.1	57	0	E	2	m	1	-	79	55							
Lorient (Bec Melon) ... ..		29.88	72	NE	4	b	29.97	*	57	-3	NE	3	b	2	-	79	54							
Rochefort (Ile d' Aix)		29.94	71	NW	2	c	29.94	+0.1	64	0	ESE	3	bc	*	-	88	61							
Biarritz ... ..		29.96	69	WSW	2	dr	29.93	-0.0	66	-3	WSW	1	c	1	0.08	79	64							
Paris ... ..		30.02	70	NNE	2	b	29.97	-0.0	61	+4	N	2	b	*	-	73	55							
Belfort ... ..		29.93	72	E	5	m	29.99	*	62	+9	E	2	m	*	-	76	53							
Lyons ... ..		29.93	74	N	1	b																		

GALES.  
Duration and Extreme Force  
on British Coasts.

\* Information for these columns not usually received.

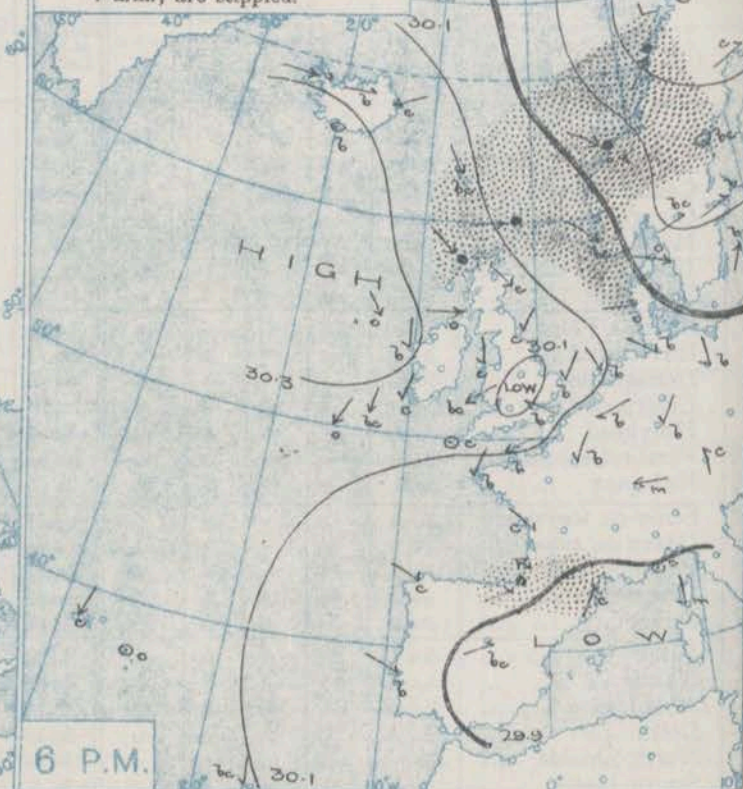
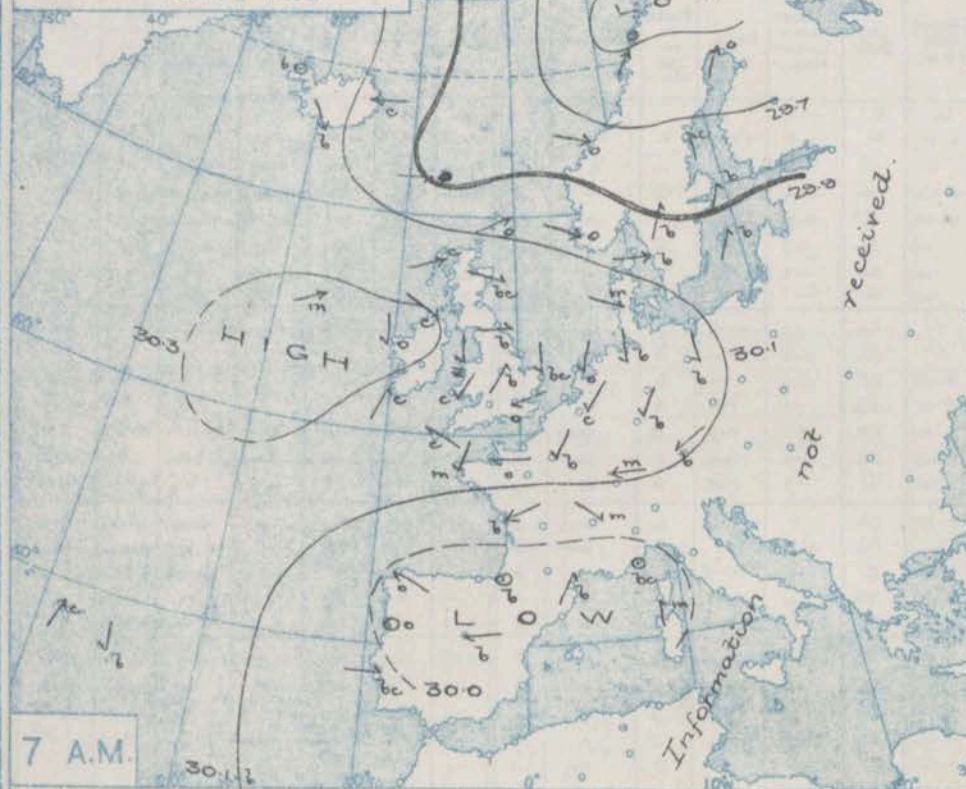
† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 3<sup>RD</sup> AUGUST.



NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



## GENERAL INFERENCE

There are no signs of any material change in the general conditions. The Atlantic high pressure system will continue, for the present, to extend over the whole of the United Kingdom,

## WEATHER PROSPECTS.

and the weather will therefore remain fair generally. Slight local showers may be experienced on the east coasts of England.

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

- 0 { moderate / or fresh North-Westerly to S-Swesterly winds; fair; cool; }
- 1 { Light Northerly and North-Swesterly winds; fair; cool }
- 2 { a } Light or moderate Northerly
- 2 { b } winds; fair generally, but
- 3 { slight showers locally; cool. }
- 4 { a } Light or moderate Northerly
- 4 { b } and North-Easterly winds;
- 5 { fair; cool. }

### 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.

- 6 { a }
- 6 { b }
- 7 { a }
- 7 { b }
- 8 { a }
- 8 { b }
- 9 { a }
- 9 { b }
- 10 { a }
- 10 { b }

Same as Nos. 4 and 5.

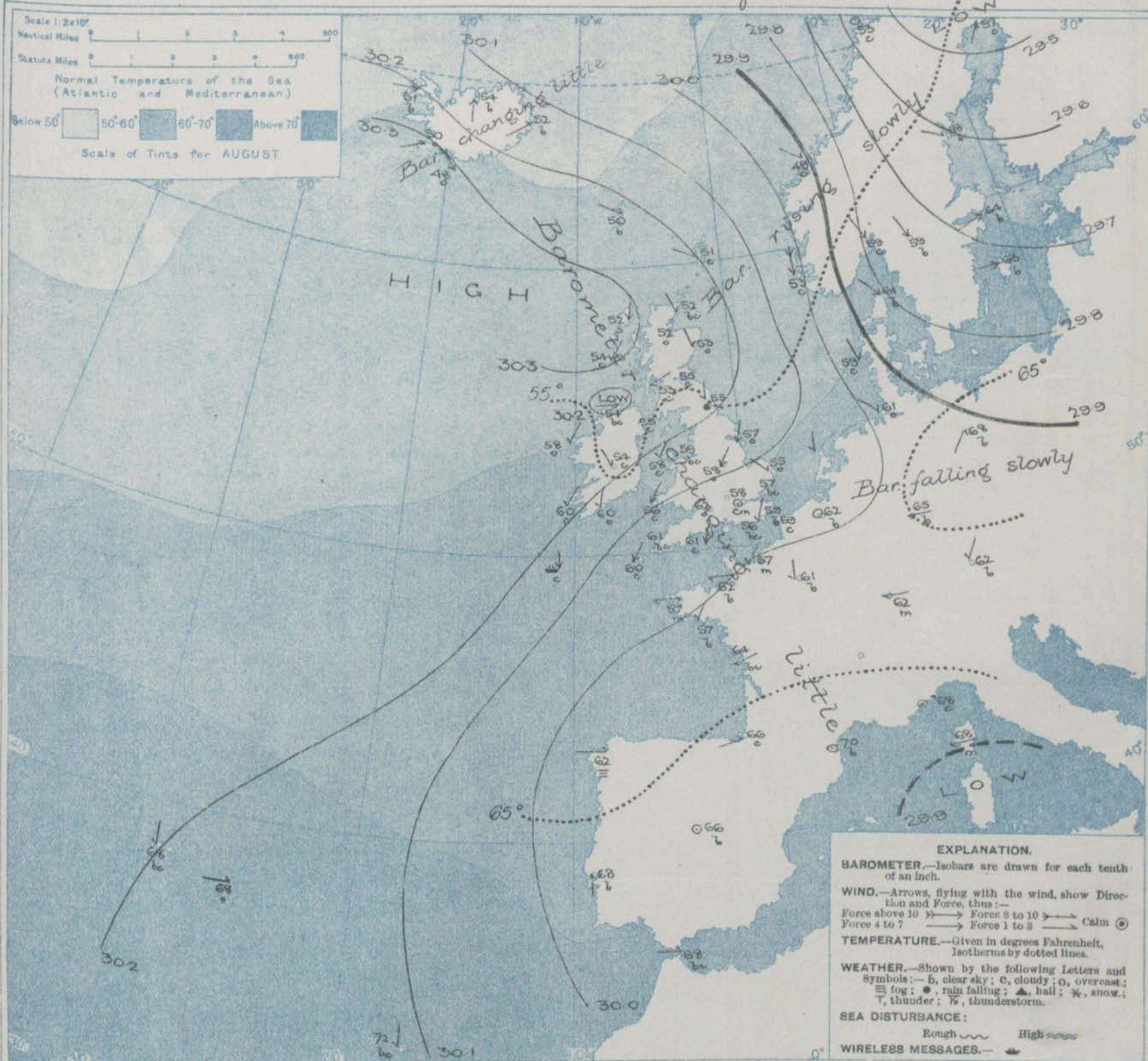
## THE FURTHER OUTLOOK. Districts 5-10

Fair weather is likely to continue.

11 WESTERN ~~main~~ North-Easterly winds mouth Channel, with slight sea; variable breezes further south, with smooth sea; fair generally, misty in places.



# SYNOPTIC CHART FOR 7 A.M. Monday 4<sup>th</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large anticyclone still extends from the upper part of the Atlantic over the whole of the United Kingdom. A depression of moderate intensity is passing eastward across Lapland, and over Norway and Denmark the gradient for Northerly and North-Westerly winds is rather steep.

The wind is light to moderate from the Northward or North-Eastward over the United Kingdom, France and the Netherlands, but rather variable in Germany. Strong winds from between West and North prevail in the south of Scandinavia and in Iceland, with a gale at Skudesnes and

Bestmanna. Temperature has risen over England, Germany and the Netherlands, fallen in most other countries. In the south-west of England the thermometer is slightly above 60°, but in Scotland and the northern and central parts of Ireland it is below 55°. The continental values range from between 65° and 70° in North Germany and the south of France to 55° and less in the west of Norway. The weather is fair or fine over Western Europe as a whole, but dull in the eastern and central parts of Great Britain with rain at North Shields. The sea is slight or smooth on all coasts.



## DAILY WEATHER REPORT.

Monday 4th August, 1913.

## 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 Jan	49	10	Ferland	O	30.17	.00	N	4-5	c	3rd Gpm	51	12	Coronia	O	30.27	-.18	NNE	4-5	bc
3rd Gpm	50	14	Scotian	H	30.20	-.08	NE	4-5	o	7am	50	18	Scotian	H	30.28	+.02	ENE	4-5	c
	55	12	Megantic	O	30.25	+.01	NNW	4-5	o		50	16	Hesperian	O	30.34	+.06	WSW	4-5	m

## 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	...	...	...	...	...	...	England, S.E.	Margate	...	...	...	...	...	...
	Stonehaven	...	...	...	...	...	...		Ramsgate	...	...	...	...	...	...
	Carnoustie	...	...	...	...	...	...		Folkestone	...	...	...	...	...	...
	St. Andrews	...	...	...	...	...	...		Hythe	...	...	...	...	...	...
Eng. N.E.	Harrogate	...	...	...	...	...	...	England, S.W.	Littlestone	...	...	...	...	...	...
	Scarborough	...	...	...	...	...	...		Hastings	...	...	...	...	...	...
England, N.W.	Douglas	...	...	...	...	...	...		Bexhill-on-Sea	...	...	...	...	...	...
	Blackpool	...	...	...	...	...	...		Eastbourne	...	...	...	...	...	...
	Southport	...	...	...	...	...	...		Seaford	...	...	...	...	...	...
Mid-lands.	Buxton	...	...	...	...	...	...	England, S.W.	Brighton	...	...	...	...	...	...
	Leamington Spa	...	...	...	...	...	...		Worthing	...	...	...	...	...	...
	Malvern	...	...	...	...	...	...		Littlehampton	...	...	...	...	...	...
Wales.	Rhyl	...	...	...	...	...	...		Southsea	...	...	...	...	...	...
	Colwyn Bay	...	...	...	...	...	...		Ryde	...	...	...	...	...	...
	Llandudno	...	...	...	...	...	...		Ventnor	...	...	...	...	...	...
	Bettws-y-Coed	...	...	...	...	...	...		Bournemouth	...	...	...	...	...	...
England, E.	Aberystwyth	...	...	...	...	...	...	England, S.W.	Weymouth	...	...	...	...	...	...
	Lowestoft	...	...	...	...	...	...		Exmouth	...	...	...	...	...	...
	Felixstowe	...	...	...	...	...	...		Teignmouth	...	...	...	...	...	...
	Walton-on-Naze	...	...	...	...	...	...		Torquay	...	...	...	...	...	...
England, E.	Southend-on-Sea	...	...	...	...	...	...	England, S.W.	Paignton	...	...	...	...	...	...
		...	...	...	...	...	...		Falmouth	...	...	...	...	...	...
England, E.		...	...	...	...	...	...		Bude	...	...	...	...	...	...
		...	...	...	...	...	...		Ilfracombe	...	...	...	...	...	...
England, E.		...	...	...	...	...	...		Weston-super-Mare	...	...	...	...	...	...
		...	...	...	...	...	...			...	...	...	...	...	...

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.		Sunshine for Yesterday.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
	1 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.				In Screen.	Night Min. on Grass.	Night.	Forenoon.	
Greenwich (Royal Obs.)	53	77	75	49	37	...	...	11.4	Dublin to 4 p.m.	...	72	60	59	c.o	c.b
City (Bunhill Row)	...	...	...	...	...	...	...	...	Plymouth to 9 p.m.	...	61	58	44	bcw	bc
Westminster (St. James's Pk.)	...	...	...	...	...	...	...	10.9	Darwen	...	...	...	...	...	...
Camden Sq. (Brit. Rainfall)	...	70	78	53	52	...	bc.b	10.0	Manchester	...	74	53	58	c	c
Hampstead (Reservoir)	...	77	72	53	42	...	bc.b	10.0	Birmingham	...	...	...	...	...	...
Kew. (See front page.)	...	...	...	...	...	...	...	...	Oxford to 8 p.m.	...	78	47	43	bm.f	f.bm
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.															
			Total.		Mean Rate.		Max. Rate.								
S. Kensington (Roof of M.O.)			Joules.		Milliwatts.		Milliwatts.								
			...		...		...								

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

4th-5th Aug, 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.15 4.21	G.M.T. 11.59 11.59	G.M.T. 7.39 7.37
Greenwich	4.30 4.32	12.6 12.6	7.42 7.40
Wick	4.12 4.14	12.48 12.18	8.24 8.22
Valencia	5.9 5.11	12.47 12.47	8.26 8.24

The thermometer rose to 75° and upwards in many parts of Great Britain, to 80° at Leamington Spa, and to 81° at Bath and Nottingham. Very little bright sunshine was recorded on the Kentish coast or in Ireland elsewhere the duration was large. Wireless reports show that on the southern transatlantic routes ships experienced moderate easterly and north easterly winds further north the wind was westerly to north westerly. The weather was generally fair, but misty 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; 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 wrapping.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday  
5th August 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12).	Weather.			Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.				
Lerwick ... ..	30.18	55	W	2	bc	30.20	-0.02	51	0	ENE	1	bc	0	0.01	57	49	bc	bc	bc	Hours			
Stornoway ... ..	30.27	56	WNW	3	bc	30.11	-0.02	53	+1	NNW	4	0	4	-	61	50	c.bc	bc	c.o	8.0			
Castlebay (Barra Isd.)	30.28	56	WNW	3	b	30.13	-0.03	52	-2	NW	2	0	2	Trace	59	51	c	c.b	bap	11.0			
Glasgow ... ..	30.22	59	-	0	c	30.11	-0.03	50	-3	WNW	1	b	"	-	60	45	c	c.o.c	cabch	0.9			
Malin Head... ..	30.26	56	N	4	bc	30.15	-0.03	54	0	NNW	4	cvg	3	-	58	52	bc	bc	cq.	"			
Blacksod Point ...	30.27	59	NE	3	bc	30.23	-0.02	56	-2	NNE	1	0	0	Trace	61	54	bc	bc	bm	"			
Valencia ... ..	30.16	64	N	4	b	30.18	-0.02	57	-3	-	0	c	3	-	66	52	bc	bc	bc	11.8			
Roche's Point ... ..	30.14	65	E	3	bc	30.15	"	54	-6	N	3	b	2	-	70	51	c.b	b.bc	bc.c	"			
Birr Castle ... ..	30.18	64	NE	2	c	30.19	"	52	-2	NW	2	c	"	-	66	50	c	c	c	5.1			
Donaghadee ... ..	30.23	59	N	2	bc	30.18	-0.02	51	-4	NNW	2	bc	2	-	62	49	bc	bc	bc.cbc	"			
Liverpool Obsy. ...	30.16	61	NE	3	0	30.13	-0.02	52	-7	SSE	2	bc	2	-	65	49	cq	bc	bc	4.4			
Holyhead ... ..	30.16	60	NE	4	bm	30.13	-0.02	56	-2	NNW	2	cm	1	-	66	51	cabch	bc	bc.cam	12.5			
Pembroke (St. Ann's Hd.)	30.09	62	-	0	c	30.12	-0.02	55	-1	E	2	c	2	-	70	54	cq	bcw	cq	5.4			
Newquay ... ..	30.03	65	SE	1	cq	30.07	+0.01	59	-2	E	1	0	2	-	68	56	bq.cq	cq	c	4.4			
Scilly (St. Mary's) ...	30.04	62	N	3	cm	30.05	-0.02	60	0	E	4	c	3	-	63	59	cm	cm	cm	0.6			
Jersey (St. Aubin) ...	30.01	68	ENE	3	bc	30.04	"	60	-2	NE	3	cm	3	-	72	57	bc	bc	cm	11.9			
Portland Bill ... ..	30.07	62	ENE	2	0	30.09	-0.02	56	-5	NNE	4	b	4	-	67	52	bc	bc.c	c.cbc	"			
Dungeness ... ..	30.06	61	NE	5	c	30.05	-0.02	57	+1	NNE	4	0	3	-	66	53	c	c	c.o	"			
Dover ... ..	30.07	58	NNE	5	c	30.06	"	54	-5	N	4	0	3	Trace	66	51	b.bc	bc.c	c.cbc	4.6			
Wick ... ..	30.22	54	NNW	4	bc	30.03	-0.03	52	0	W	3	c	2	0.02	58	47	bc	bc	c.cbc	"			
Nairn ... ..	30.22	58	-	0	c	30.06	"	51	-1	W	1	0	1	-	62	46	p.z	c	0	5.9			
Aberdeen ... ..	30.21	58	N	3	b	30.06	-0.02	53	0	W	2	c	2	-	61	46	c.cbc	bcw	bc.c	9.2			
Leith ... ..	30.21	58	ENE	2	c	30.06	-0.02	51	-4	N	2	c	"	-	61	49	0	c.b.c	0	"			
North Shields ... ..	30.23	58	N	3	c	30.11	-0.03	49	-6	W	3	0	3	-	60	45	0	c	0	?			
Spurn Head ... ..	30.16	57	NNE	4	c	30.10	-0.03	53	-4	NNW	4	b	3	-	62	47	cq	bcw	bc	4.2			
Yarmouth ... ..	30.12	59	N	3	bc	30.07	-0.01	50	-5	NW	1	bc	1	-	63	48	0	0.bc	bc	0.8			
Clacton-on-Sea ... ..	30.09	60	NNE	2	0	30.06	-0.01	55	-2	NNE	2	bc	1	-	63	49	og	og	og.cbc	0.6			
Nottingham... ..	30.16	58	NE	4	0	30.13	"	50	-8	N	1	bm	"	-	63	45	0.c	0	0.c	0.2			
Bath ... ..	30.10	63	E	1	0	30.12	"	53	0	NE	1	b	"	-	66	42	0	0	0.b	0.3			
London (Kew Obsy.)...	30.11	60	NNE	4	0	30.09	-0.02	54	-4	NNE	3	0	"	-	67	51	cm.o	0	0	1.9			
Spitzbergen ... ..	29.80	42	NE	4	bc	29.81	+0.01	42	+2	N	2	c	"	-	43	40	"	"	"	"			
Isafjord... ..	30.28	54	N	4	b	30.30	-0.02	45	-6	-	0	b	"	-	"	"	"	"	"	"			
Reykjavik ... ..	30.38	52	SW	3	0	30.34	-0.02	49	-1	-	0	0	"	-	"	"	"	"	"	"			
Vestmanna ... ..	30.29	52	NW	3	b	30.26	-0.02	47	-1	N	1	b	0	"	"	"	"	"	"	"			
Seydisfjord ... ..	30.17	58	NE	4	b	30.25	+0.01	53	+1	-	0	b	"	-	"	"	"	"	"	"			
Thorshavn ... ..	30.08	54	W	3	c	30.12	+0.01	50	0	NNW	2	c	"	-	"	"	"	"	"	"			
Haparanda ... ..	29.60	56	-	0	b	29.68	-0.02	54	-3	NNE	2	0	"	Trace	66	45	"	"	"	"			
Hernösand ... ..	29.69	55	-	0	bc	29.63	-0.02	54	-4	NE	4	b	"	Trace	63	50	"	"	"	"			
Stockholm ... ..	29.68	52	NNE	2	r	29.63	-0.02	48	-16	NW	2	r	"	0.28	68	46	"	"	"	"			
Wisby ... ..	29.67	61	WSW	2	c	29.61	-0.02	58	-5	NNW	6	bc	"	-	68	57	"	"	"	"			
Karlstad ... ..	29.77	56	N	2	c	29.77	-0.02	52	-7	N	4	bc	"	-	66	54	"	"	"	"			
Færder (X'lania Fjord)	29.80	61	NNW	4	bc	29.83	-0.02	55	-4	N	4	bc	2	-	64	54	"	"	"	"			
Bodö ... ..	29.76	46	NW	4	0	29.79	-0.02	50	-3	-	0	0	0	0.24	54	45	"	"	"	"			
Christiansund ... ..	29.99	47	N	1	0	29.94	-0.01	47	-2	-	0	0	2	0.35	52	45	"	"	"	"			
Skudesnaes .. ..	29.95	51	N	6	b	29.91	-0.02	51	-2	N	6	b	2	-	55	46	"	"	"	"			
The Scaw (Skagen)... ..	29.78	60	NNE	4	c	29.82	+0.02	57	-4	NNE	3	b	0	-	66	55	"	"	"	"			
Blaavands Huk ... ..	29.91	55	NNW	5	c	29.86	-0.01	56	-3	NW	4	0	3	-	61	54	"	"	"	"			
Cuxhaven ... ..	29.95	58	NNW	4	0	29.88	-0.01	58	-3	NW	4	0	1	-	63	55	"	"	"	"			
The Helder ... ..	30.05	58	NNW	5	c	30.02	-0.02	57	-3	N	4	c	2	-	63	55	"	"	"	"			
Brussels ... ..	30.01	60	ENE	4	c	30.01	-0.02	56	-6	NE	1	b	"	-	73	51	"	"	"	"			
Berlin ... ..	29.86	67	N	3	c	29.89	+0.02	57	-11	NW	3	c	"	-	77	54	"	"	"	"			
Frankfurt ... ..	29.90	69	NE	1	c	29.94	+0.01	59	-6	NNE	1	0	"	-	68	59	"	"	"	"			
Munich ... ..	29.90	65	SE	1	b	29.89	+0.01	63	+1	NW	2	bc	"	-	73	57	"	"	"	"			
C. Gris Nez... ..	30.04	59	NE	5	0	30.04	-0.02	58	-1	NE	4	c	3	-	68	57	"	"	"	"			
La Hève ... ..	29.99	62	NE	4	m	30.03	"	57	0	ENE	3	b	2	-	73	54	"	"	"	"			
Brest (St. Mathieu) ...	30.02	68	NE	4	b	30.00	"	58	+1	E	2	b	2	-	84	57	"	"	"	"			
Lorient (Rec Melen)... ..	29.91	70	W	2	b	29.88	"	59	+2	NE	3	b	2	-	81	55	"	"	"	"			
Rochefort (Ile d'Alx) ...	29.85	71	NW	3	b	29.84	-0.01	68	+1	ENE	3	c	"	-	79	63	"	"	"	"			
Biarriz ... ..	29.86	72	NE	3	b	29.89	-0.02	69	+3	W	4	0	2	-	75	66	"	"	"	"			
Paris ... ..	29.93	75	N	3	b	29.98	+0.01	59	-2	NNE	2	0	"	-	81	58	"	"	"	"			
Belfort ... ..	29.94	77	-	0	b	29.93	"	65	+3	-	0	m	"	-	82	54	"	"	"	"			
Lyons ... ..	29.90	77	-	0	b	29.94	"	65	+2	-	0	m	"	-	83	60	"	"	"	"			
Nice ... ..	29.89	71	-	0	b	29.90	-0.01	72	+4	-	0	b	1	-	81	61	"	"	"	"			
Perpignan ... ..	29.86	77	NE	1	b	29.88	+0.02																

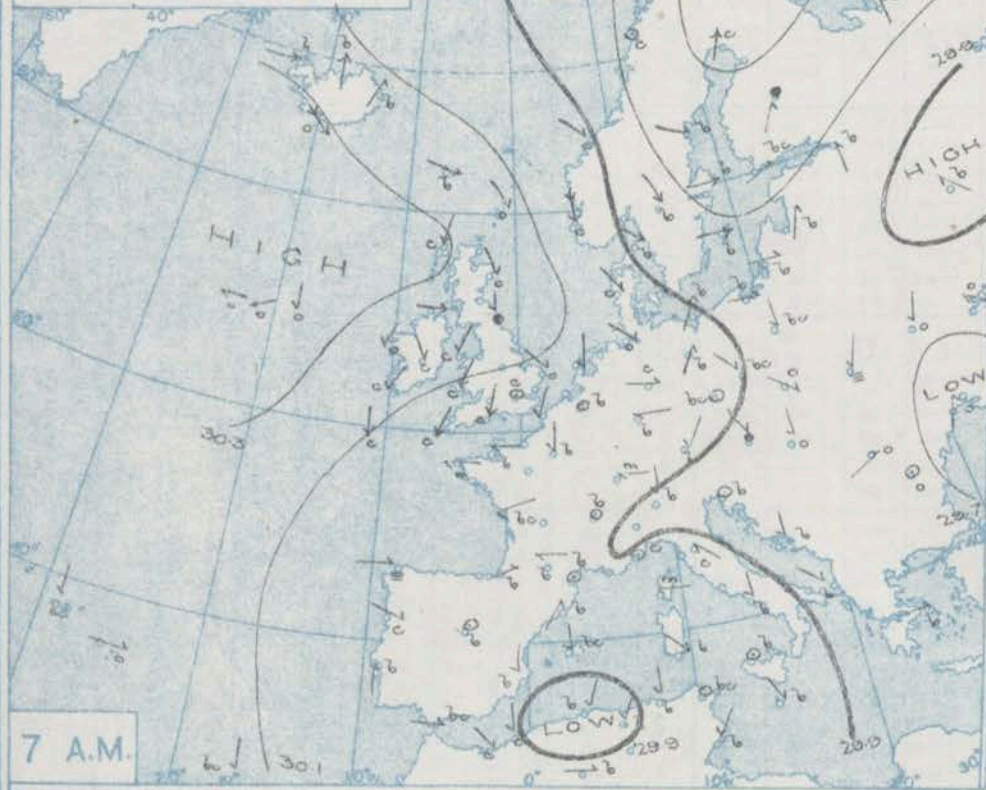
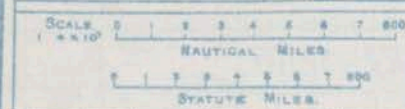
GALTS.  
Duration and Extreme Force  
on British Coast.

Lightning yesterday.  
Thunder last evening.

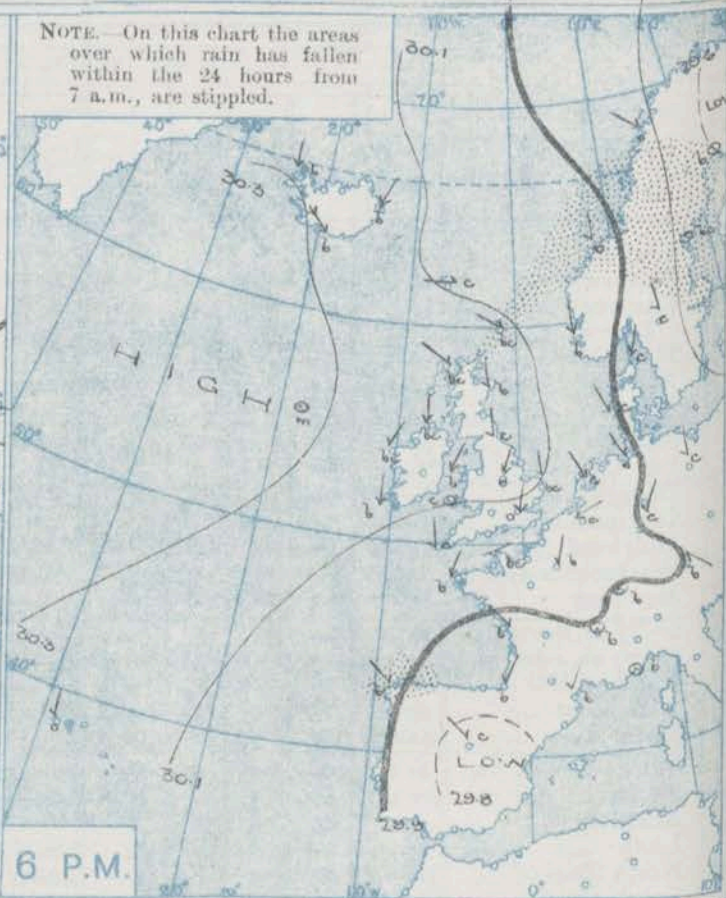
\* Information for these columns not usually received. † Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 4<sup>th</sup> August



NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



## GENERAL INFERENCE

## WEATHER PROSPECTS.

There is no material change in the general distribution of pressure,

and fair, dry weather is likely to continue for the present.

## FORECASTS FOR THE 24 HOURS NOON TUESDAY

## TO NOON WEDNESDAY.

0 {  
a  
b  
1 } Easterly to Northerly breezes,  
mostly light; generally fair  
to fine and cool.

2 {  
a  
b } Light to moderate breezes

3 {  
a  
b } between North and East;

4 {  
a  
b } generally fair to fine and cool

5

## 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

6 {  
a  
b } Light to moderate breezes  
between North West and North East;

7 {  
a  
b } generally fair to fine and cool

8 {  
a  
b } Light to moderate Easterly  
breezes; generally fair to fine  
and cool.

9 {  
a  
b } Light Northerly breezes;

10 {  
a  
b } generally fair to fine and cool

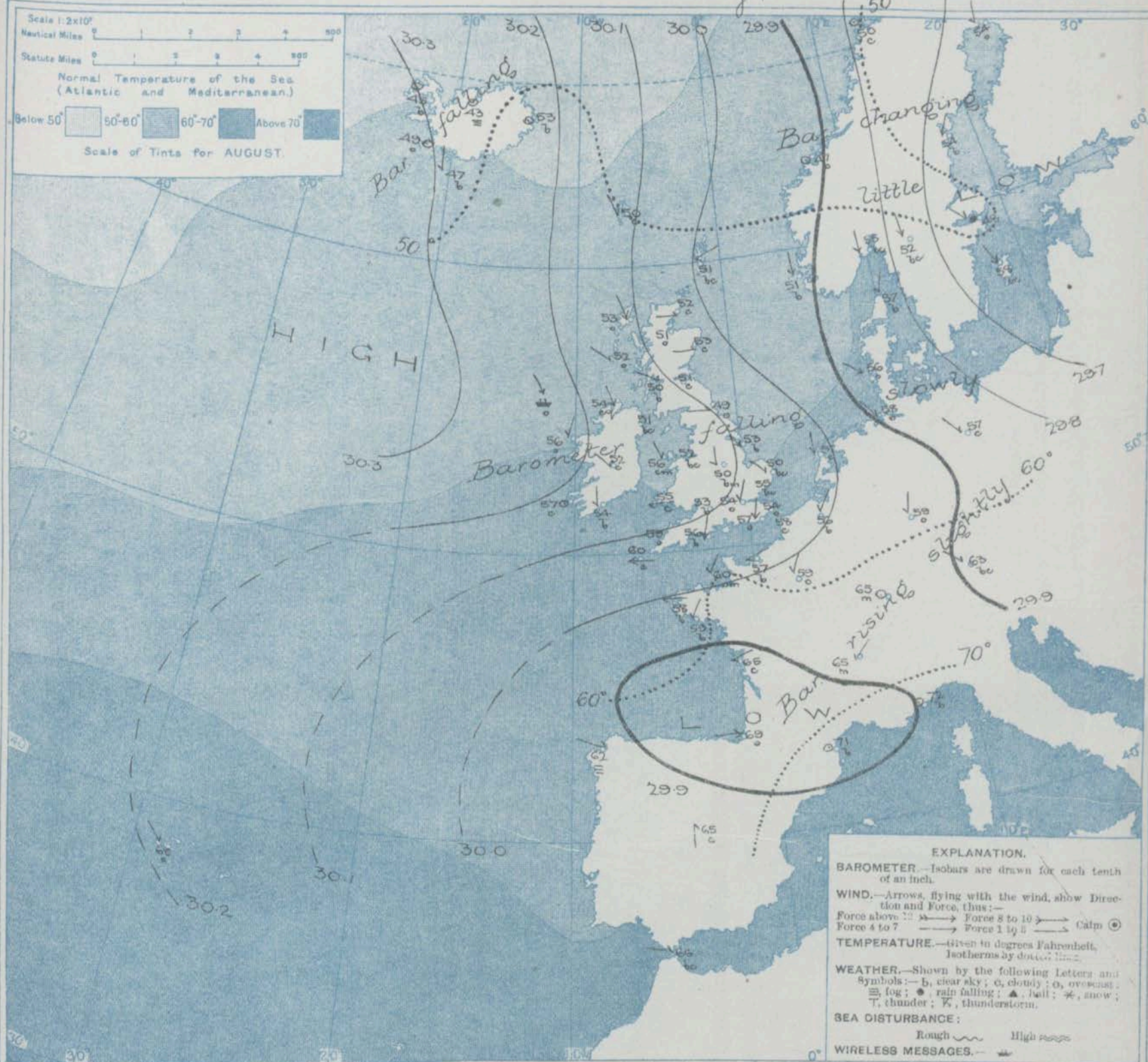
## 11 WESTERN CHANNEL AND BAY.

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

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Tuesday, 5<sup>th</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

In an area of high pressure covering the eastern half of the Atlantic the barometer is above 30.3 in. over Western Iceland, and in a depression over Northern Europe pressure is at about 29.6 in. on the Swedish coast. A shallow depression, barometer below 29.9 in. lies over the southern parts of France and the Bay. The gradient is everywhere slight.

Winds between North West and North East prevail over nearly the whole of our area, and few stations report more than a gentle breeze, many stations a calm. At the home stations temperature

ranges from 43° at North Shields to 60° at Jersey; on the Continent from 47° at Christiansund, and 43° at Stockholm to 72° at Nice; and in Iceland from 43° to 53°. At Spitzbergen the reading is 42°. At home and abroad the weather varies between cloudless and overcast, the only rain reported being at Stockholm. A heavy fog lies over the Strait of Gibraltar. The sea is slight to very smooth on all coasts.



## DAILY WEATHER REPORT.

Tuesday, 5th August, 1913.

## 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.	Direc.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Direc.	Force.	
4th Jan.	55	18	Megantic	H	30.33	+0.01	N	1-3	o										
	54	21	Columbia	H	30.44	-0.01	ENE	1-3	a										

## 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.	In.	F.	F.	bc, c	e, bc	Hr.	Margate	In.	F.	F.	b, bc	c, o	Hr.
Oban	-	65	45	bc	e, bc	3.3	Ramsgate	-	64	49	b, bc	c, o	1.0
Stonehaven	-	68	49	bc	b	7.4	Folkestone	-	62	50	"	"	1.2
Carnoustie	-	64	50	"	"	5.8	Hythe	-	63	55	bc	o, b, o	4.5
St. Andrews	-	69	49	bc	b	7.4	Littlestone	-	"	"	"	"	4.7
England, N.E.	-	60	54	bc, c, bc	c, bc, c	4.5	Hastings	-	69	51	bc, b	o, bc	3.5
Harrogate	-	63	55	bc	bc	7.3	Bexhill-on-Sea	-	69	53	bc, c	og, c	5.6
Scarborough	-	"	"	"	"	"	Eastbourne	-	65	50	b, bc	b, bc, o	5.2
England, N.W.	-	61	52	bc	bc	11.0	Seaford	-	71	47	b, f	b, bc	5.5
Douglas	-	66	54	bc	c	3.0	Brighton	-	70	48	o, bc, c	o	1.3
Blackpool	-	66	56	o, bc, b	b, bc, b	8.7	Worthing	-	69	49	"	"	1.4
Southport	-	"	"	"	"	"	Littlehampton	-	"	"	"	"	2.5
Mid. Islands.	-	61	50	bc	bc	5.9	Southsea	-	"	"	"	"	3.0
Buxton	-	65	58	"	"	0.8	Ryde	-	69	62	c, o	c, o	3.0
Leamington Spa	-	"	"	"	"	"	Ventnor	-	"	"	"	"	2.2
Malvern	-	"	"	"	"	"	Bournemouth	-	69	49	c, bc	bc, c	2.2
Wales.	-	65	57	b	b	6.3	Weymouth	-	74	53	oc, c	cg, og	2.6
Rhyl	-	63	55	bc	bc	6.8	Exmouth	-	"	"	"	"	1.0
Colwyn Bay	-	68	51	bc	bc, c, o	8.5	Teignmouth	-	69	55	o, b, o	o	1.1
Llandudno	-	"	"	"	"	"	Torquay	-	70	55	"	"	1.1
Bettws-y-Coed	-	70	56	e, bc	bc, o	7.0	Paignton	-	"	"	"	"	2.3
Aberystwyth	-	"	"	"	"	"	Falmouth	-	70	58	o, c	o	1.1
England, E.	-	60	49	bc, o	o, c, o	0.7	Bude	-	"	52	b	b, g	6.6
Lowestoft	-	62	50	cm, o	o	0.2	Ilfracombe	-	67	59	bc	b	0.3
Felixstowe	-	61	50	og, o	og	0.3	Weston-super-Mare	-	68	59	o	c, bc	0.3
Walton-on-Naze	-	66	54	e, b, bc	bc, c	3.0							
Southend-on-Sea	-	"	"	"	"	"							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.			
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.					
			Max.	Min.		Max.												Min.				
			24 HOURS ENDED 9 A.M. TO-DAY.																			
Greenwich (Royal Obs.) ...	%	%	F.°	F.°	F.°	In.	b. bc. o	o	o. b	Hr.	Dublin to 1 p.m.	in.	F.°	F.°	F.°	c. o	c. b	bc	12.4			
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	1.5	Plymouth to 9 p.m.	-	64	53	51	bc	bc	bc	5.4			
Westminster (St. James's Pk.)	82	63	67	53	49	-	o.	o	o. bc	1.4	Darwen "	-	62	48	43	bc	bc	bc	"			
Camden Sq. (Brit. Rainfall)	73	54	71	51	50	-	bc	o	b	2.0	Manchester "	-							"			
Hampstead (Reservoir) ...	*	57	65	49	41	-	c. bc	bc	bc	2.7	Birmingham "	-	64	56	53	o	e	o	0.4			
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										Oxford to 8 p.m.									
			Total.		Mean Rate.		Max. Rate.				S. Kensington (Museum Grounds to 6 p.m.)	-	72	56	44	bc. o	o	o	"			
S. Kensington (Roof of M.O.)	81	69	938 Joules.		17.2 Milliwatts.		70.0 Milliwatts.		1.7													

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

5th & 6th Aug. 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.21	11.59	7.37
	4.22	11.59	7.36
Greenwich	4.32	12.06	7.40
	4.33	12.06	7.39
Wick	4.14	12.18	8.22
	4.16	12.18	8.20
Valencia	5.11	12.47	8.24
	5.12	12.47	8.23

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 74° at Neymouth, and 73° at Jersey, but over a large portion of the British Isles the maxima were below 65°, locally below 60°. A few western stations had good sunshine records up to 12½ hours at Holyhead, but as a rule the duration was small, in several instances none or less than an hour.

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.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday  
6th August 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 3).	Rain- fall.	TEMP.		WEATHER.					
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Force (0 to 12).	Dir.			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dir.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.	
		In.	F.				In.	In.	F.							In.	F.	F.				Hours		
BRITISH ISLANDS.	Lerwick ... ..	30.04	52	NNW	4	c	30.03	-0.01	51	0	WNW	3	b	3	0.02	57	46	bc	cp	bep	b			
	Stornoway ... ..	30.13	55	N	4	c	30.15	.00	51	-2	NNW	4	o	4	Trace	58	43	o.cdp	c	c.o		6.7		
	Castlebay (Barra Isd.)	30.13	56	NNW	4	b	30.15	.00	53	+1	NNE	3	c	2	-	59	50	o.c	c.b	c		10.0		
	Glasgow ... ..	30.03	58	NNW	1	c	30.10	+0.03	50	0	WNW	1	bc	1	-	60	47	b.bec	c.bec	c.o.c		4.8		
	Malin Head ... ..	30.11	56	N	3	bc	30.13	+0.01	53	-1	N	3	c	3	-	58	51	bc	bc	bc		*		
	Blacksod Point ... ..	30.17	60	N	2	bc	30.19	.00	56	0	N	2	c	2	Trace	63	50	ogv	bc	bc		*		
	Valencia ... ..	30.14	58	N	4	bc	30.18	+0.02	56	-1	NNE	2	bc	3	-	63	51	bc	bc	bc		10.3		
	Roche's Point ... ..	30.11	62	NNE	3	c	30.14	*	52	-2	N	3	b	2	-	68	49	bc.c	c	cg	b	*		
	Birr Castle ... ..	30.10	58	NW	4	c	30.14	*	48	-4	NW	2	c	2	-	61	43	c	c	c		3.5		
	Donaghadee ... ..	30.07	58	N	3	c	30.10	+0.01	52	+1	NW	3	bc	2	-	60	51	c	c	c		*		
SCANDINAVIA.	Liverpool Obsy. ... ..	30.03	56	W	4	c	30.04	+0.02	51	+2	NNE	1	bc	2	0.05	60	52	bc	bep	bc		6.6		
	Holyhead ... ..	30.07	55	NNW	2	om	30.04	+0.01	56	0	ENE	4	b	3	-	62	55	o.c.bm	bc	o.c.bm		5.7		
	Pembroke (St. Ann's Hd.)	30.06	57	N	3	c	30.03	+0.02	55	0	N	3	c	1	Trace	64	51	c	bc	c		6.2		
	Newquay ... ..	30.02	60	N	2	b	30.03	+0.01	57	-2	NNE	4	bc	3	-	63	56	bc.b	bc	bc		10.0		
	Scilly (St. Mary's) ... ..	30.03	60	NE	2	cm	30.04	+0.01	59	-1	N	3	c	3	-	69	56	cm	cm	cm		5.4		
	Jersey (St. Aubin) ... ..	29.99	63	NE	3	c	30.00	*	60	0	NNE	2	bm	2	-	67	50	bc.c	c	bm		4.2		
	Portland Bill ... ..	30.00	60	W	3	bc	30.00	+0.01	58	+2	NE	3	c	2	-	65	51	b	bc	bc.c		*		
	Dungeness ... ..	29.99	60	NE	4	o	29.96	+0.01	51	-6	N	3	c	2	-	64	45	c	c.o	o.c		*		
	Dover ... ..	30.00	56	NE	3	c	29.98	*	50	-4	-	0	o	2	-	66	44	o.c.b	bc.c	c.bm		4.8		
	Wick ... ..	30.05	53	NE	3	c	30.09	.00	51	-1	NNW	4	o	4	0.04	56	48	cp	cp	cp		*		
GERMANY, &c.	Nairn ... ..	30.05	55	NNW	3	c	30.10	*	50	-1	NNW	2	c	2	0.01	60	47	cp	cp	c		1.0		
	Aberdeen ... ..	30.02	54	N	3	c	30.06	+0.01	52	-1	NW	3	b	2	0.05	63	46	bc	o.c	bc		2.9		
	Leith ... ..	30.02	55	E	2	c	30.06	+0.02	53	+2	N	2	c	2	0.02	63	50	c.b	o.c	cp		0.6		
	North Shields ... ..	29.99	56	SW	2	op	30.04	+0.01	52	+3	NW	2	c	2	0.04	61	49	op	op	op		0.6		
	Spurn Head ... ..	29.98	60	NE	2	c	29.97	.00	54	+1	NNW	4	bep	4	0.07	62	50	bc	bc	cp		8.1		
	Yarmouth ... ..	30.01	59	N	2	bc	29.96	-0.01	51	+1	W	2	c	2	-	62	47	bc	bc	bc		9.2		
	Clacton-on-Sea ... ..	30.00	58	E	2	bc	29.96	-0.01	53	-2	NNE	1	o	0	Trace	64	49	bc	bc	bc		6.3		
	Nottingham ... ..	30.02	56	W	1	o	30.00	*	53	+3	N	3	cm	*	Trace	61	45	bm	omg	odm		3.1		
	Bath ... ..	30.01	63	ENE	-	o	30.02	*	55	+2	N	2	o	*	-	64	49	b.b	c.b	o.c		9.3		
	London (Kew Obsy.) ... ..	29.99	61	N	2	c	29.99	.00	55	+1	N	2	b	*	-	64	52	o.b	bc	co		8.1		
FRANCE.	Spitzbergen ... ..	29.86	43	-	0	b	29.90	.00	45	+3	-	0	c	*	-	45	37	*	*	*				
	Isafjord ... ..	30.23	51	NE	4	b	30.12	+0.01	51	+6	W	3	c	*	-	*	*	*	*	*				
	Reykjavik ... ..	30.31	53	NW	3	c	30.18	-0.01	49	0	SW	2	o	*	-	*	*	*	*	*				
	Vestmanna ... ..	30.25	53	SW	4	b	30.13	-0.02	48	+1	NNW	3	o	0	-	*	*	*	*	*				
	Seydisfjord ... ..	30.21	69	NE	2	b	30.06	-0.01	48	-5	-	0	b	*	-	*	*	*	*	*				
	Thorshavn ... ..	30.16	54	NNE	2	c	30.10	-0.02	46	-4	-	0	b	*	-	*	*	*	*	*				
	Haparanda ... ..	29.57	55	N	2	o	29.54	-0.04	55	+1	N	4	o	*	0.04	61	46	*	*	*				
	Hernösand ... ..	29.60	56	-	0	c	29.56	.00	53	-1	N	4	o	*	0.67	61	43	*	*	*				
	Stockholm ... ..	29.68	52	W	2	c	29.65	.00	54	+6	WSW	2	b	*	0.16	57	46	*	*	*				
	Wisby ... ..	29.70	54	SW	2	o	29.71	.00	62	+5	WSW	2	b	*	-	64	52	*	*	*				
SPAIN, PORTUGAL, &c.	Karlstad ... ..	29.72	52	-	0	b	29.67	-0.02	51	-1	N	2	b	*	-	64	43	*	*	*				
	Færder (X'laan Fjord)	29.76	55	WNW	4	c	29.71	-0.02	55	0	N	2	b	2	-	57	52	*	*	*				
	Bodö ... ..	29.80	53	N	4	b	29.77	-0.01	51	+1	N	2	bc	1	-	54	48	*	*	*				
	Christiansund ... ..	29.88	49	NNW	2	r	29.86	-0.01	49	+2	N	2	o	2	0.43	50	45	*	*	*				
	Skudesnaes ... ..	29.84	51	N	6	b	29.82	.00	51	0	N	6	b	2	-	50	46	*	*	*				
	The Scaw (Skagen) ... ..	29.78	53	WNW	1	b	29.67	-0.01	57	0	ENE	1	c	1	0.04	64	50	*	*	*				
	Blaavands Huk ... ..	29.86	55	N	4	bc	29.78	-0.01	56	0	NW	3	b	2	0.08	61	50	*	*	*				
	Cuxhaven ... ..	29.87	57	NW	3	bc	29.83	.00	57	-1	W	3	c	0	0.04	61	54	*	*	*				
	The Helder ... ..	29.96	57	NNW	3	c	29.93	-0.01	57	0	NW	2	c	1	-	59	54	*	*	*				
	Brussels ... ..	29.95	56	N	3	o	29.93	+0.01	55	-1	NNE	1	b	*	-	65	48	*	*	*				
PORTUGAL, &c.	Berlin ... ..	29.84	62	W	2	c	29.86	.00	56	-1	NW	3	c	*	-	66	52	*	*	*				
	Frankfurt ... ..	29.91	59	NE	1	o	29.87	.00	57	-2	NE	1	c	*	-	70	52	*	*	*				
	Munich ... ..	29.90	63	W	2	o	29.86	.00	57	-6	SW	3	r	*	0.28	73	55	*	*	*				
	C. Gris Nez ... ..	29.98	57	ENE	4	bc	29.97	+0.01	55	-4	N	1	o	2	-	64	50	*	*	*				
	La Hève ... ..	29.96	59	NE	3	c	29.98	*	55	-2	NE	2	b	1	-	66	50	*	*	*				
	Brest (St. Mathieu) ... ..	29.97	63	NNE	2	b	30.03	+0.02	55	-3	N	2	c	1	-	75	54	*	*	*				
	Lorient (Roc Melen) ... ..	29.82	66	NE	5	b	29.92	*	55	-4	NE	4	b	3	-	79	50	*	*	*				
	Roche fort (Ile d'Als)	29.82	70	WNW	3	c	29.86	+0.03	64	-1	NE	3	c	*	-	79	61	*	*	*				
	Biarritz ... ..	29.89	70	WNW	3	o	29.90	+0.01	68	-1	WSW	4	o	3	-	77	68	*	*	*				
	Paris ... ..	29.90	66	NNE	3	c	29.93	+0.01	57	-2	N	2	b	*	-	71	52	*	*	*				
PORTUGAL, &c.	Belfort ... ..	29.84	74	W	3	m	29.88	*	59	-6	SW	2	m	*	0.24	81	58	*	*	*				
	Lyons ... ..	29.89	75	SSW																				

GALES.  
Duration and Extreme Force  
on British Coasts.

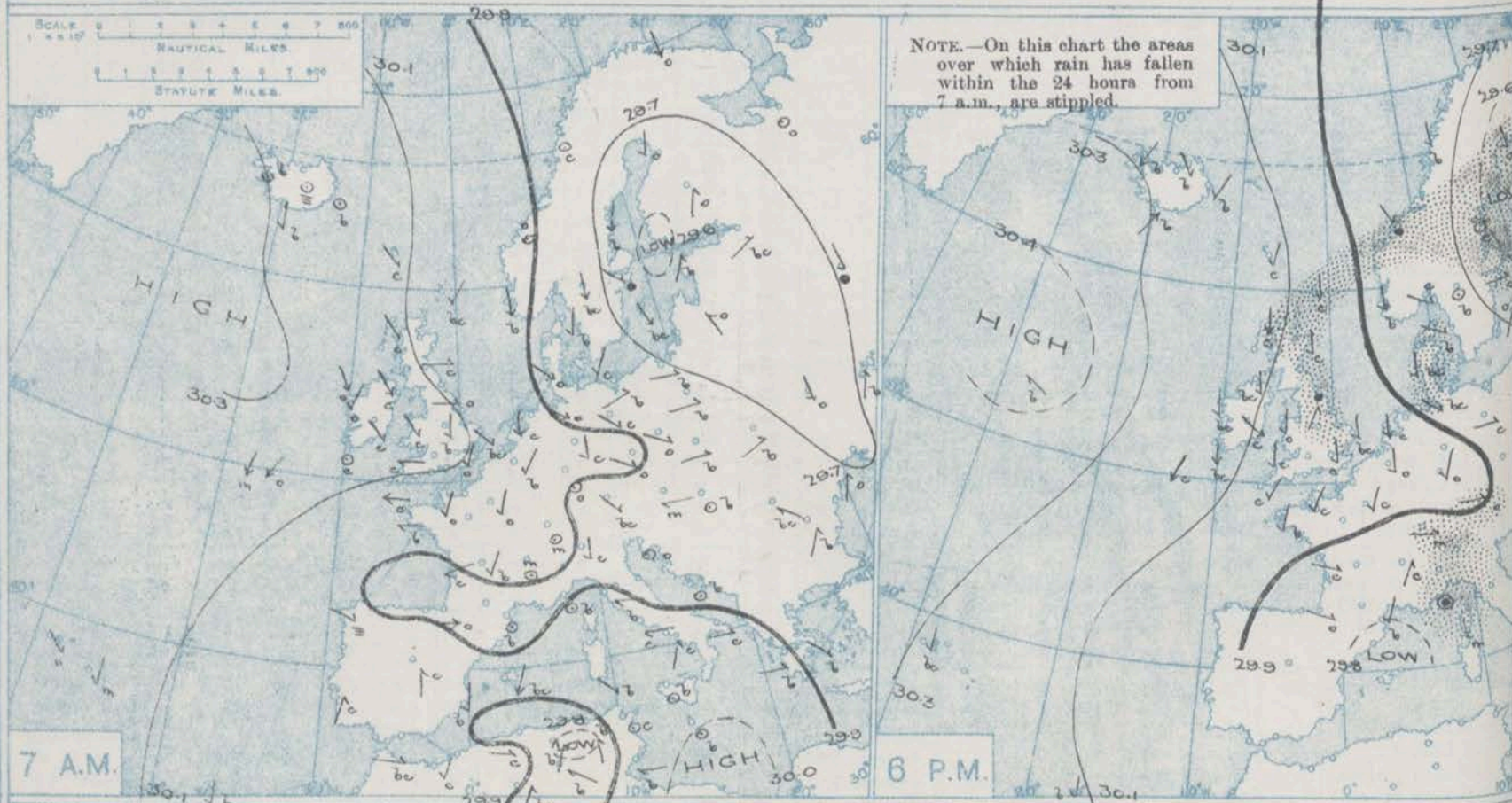
Thunderstorm 10 p.m.

\* Information for these columns not usually received.

† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 5<sup>th</sup> August.



GENERAL INFERENCE

## WEATHER PROSPECTS.

The present cool Northerly type of weather is likely to continue, and the weather will remain fair and dry in all our more western and southern

districts. Slight irregularities in pressure over the North Sea will occasion local showers on our north and east coasts.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

- |    |   |                                |
|----|---|--------------------------------|
| 0  | { | North Easterly winds,          |
| 1  |   |                                |
| 2  | { | moderate; fresh in places;     |
| 3  |   |                                |
| 4  | { | fair generally, but slight     |
| 5  |   |                                |
| 6  | { | local showers; remaining cool. |
| 7  |   |                                |
| 8  | { | Light Northerly to North       |
| 9  |   |                                |
| 10 | { | Easterly winds; fair; cool.    |
| 11 |   |                                |

### 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.

- |    |   |                    |
|----|---|--------------------|
| 6  | { | Same as Nos 4 & 5. |
| 7  |   |                    |
| 8  | { | Same as Nos 4 & 5. |
| 9  |   |                    |
| 10 | { | Same as Nos 4 & 5. |
| 11 |   |                    |

11 WESTERN CHANNEL AND BAY.

### THE FURTHER OUTLOOK.

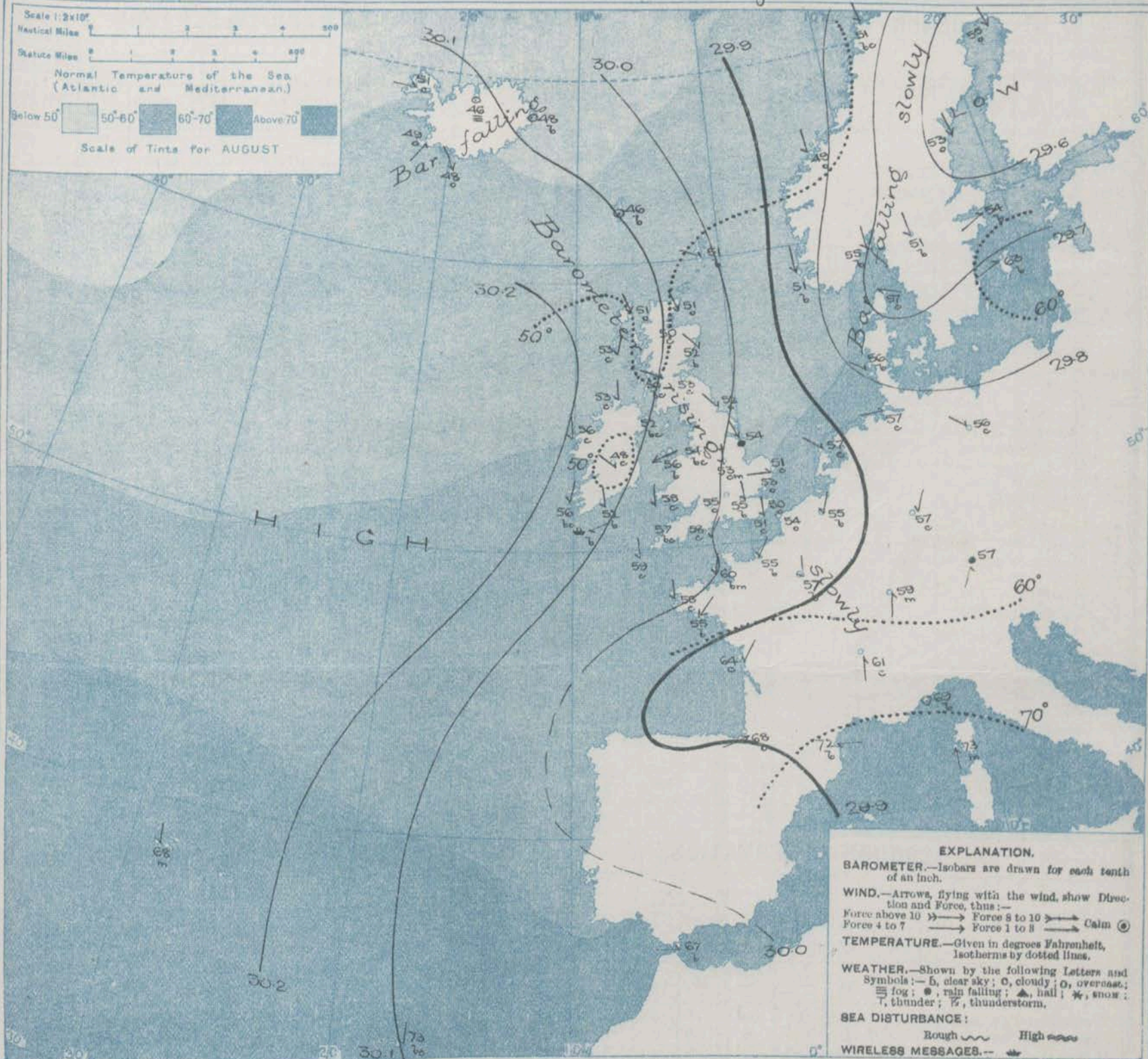
Districts 4 - 11.

Fair dry weather is likely to continue.

Light or moderate North Easterly to North Easterly winds and a slight sea; fair; cool.



SYNOPTIC CHART FOR 7 A.M. Wednesday, 6<sup>th</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The distribution of pressure remains unchanged. The borders of a large anticyclone still extend from the Atlantic over the United Kingdom and the neighbouring parts of the Continent and the North Sea. A shallow depression, with readings below 29.6 in., lies over Finland and the Gulf of Bothnia.

The wind is light to moderate from the Northward or North-Westward over nearly the whole of the United Kingdom and the northern parts of the Continent, but draws into North-East in the north and west of France.

Temperature has risen slightly over England, but fallen in France and Germany. Over a large portion of the United Kingdom the thermometer is below 55°, and in central Ireland it is below 50°. The Continental values are also low for the time of year, readings above 60° being reported only in the south of France and over the upper part of the Baltic. The weather remains fair or fine over Western Europe generally, but showers are falling at Spurn Head, and steady rain at Munich. The sea is slight or smooth generally.



## DAILY WEATHER REPORT.

Wednesday, 6th August, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
6th 7am	51	9	<u>Dominion</u>	H	30.08	.00	ENE	1-3	b	5th 7am	53	29	<u>Megantic</u>	O	30.36	+0.04	SE	1-3	f
5th 6pm	53	27	<u>Montfort</u>	H	30.47	+0.01	ESE	1-3	b	"	48	28	<u>Caronia</u>	O	30.19	-	E	1-3	o
"	50	13	<u>Dominion</u>	H	30.14	-.01	NE	4-5	c	"	48	19	<u>Finland</u>	O	30.28	+0.02	NE	4-5	o
"	52	31	<u>Columbia</u>	O	30.37	-.02	SE	1-3	o	"	50	18	<u>Arabic</u>	H	30.27	-.02	NNE	6-7	m
"	"	"	"	"	"	"	"	"	"	"	50	17	<u>Dominion</u>	H	30.18	-.02	NE	4-5	o

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland, N.E.	In.	F.	F.			Hr.	Margate	In.	F.	F.			Hr.
Oban	-	63	46	bc	bc	2.0	Ramsgate	0.08	63	54	b	b	3.5
Stonehaven	0.07	66	49	cp	cp	3.2	Folkestone	0.01	61	54	c, bc	bc, bc	3.2
Carnoustie	0.02	63	48	p	p	3.8	Hythe	-	61	54	c, bc	bc, bc	2.0
St. Andrews	0.03	69	44	bc	o	2.8	Littlestone	-	61	51	bc, b	bc, o	3.4
England, N.E.							Hastings	-	64	51	bc, b	bc, o	2.7
Harrogate	-	61	40	c	bc, c	0.6	Bexhill-on-Sea	-	62	52	g	bc, c	3.9
Scarborough	-	62	47	bc	o, c	4.8	Eastbourne	-	64	52	o, bc	bc, b	2.9
England, N.W.							Seaford	-	65	50	c	c	3.2
Douglas	-	61	47	bc	bc	6.5	Brighton	-	67	51	c, o, c	c, o	3.0
Blackpool	-	61	43	o, c	bc, c	6.7	Worthing	-	65	50	c, bc	bc, c	4.8
Southport	-	61	44	o, bc	bc, c	5.5	Littlehampton	-	67	52	c, bc	b, bc	5.8
Mid-lands.							Southsea	-	67	52	c, bc	b, bc	6.0
Buxton	-	57	35	c	c, b	1.8	Ryde	-	65	57	o	c, b	12.0
Leamington Spa	-	64	42	bc	c, b	6.8	Ventnor	-	68	48	b, bc	bc	12.0
Malvern	-	61	48	b	b	10.5	Bournemouth	-	68	48	b, bc	bc	12.0
Wales.							Weymouth	-	71	51	bc, b	b	12.0
Rhyl	-	63	57	bc	bc, c	9.5	Exmouth	-	68	53	b	b	12.0
Colwyn Bay	-	64	49	b	b	10.1	Teignmouth	-	67	54	b	b	11.8
Llandudno	-	62	45	c, b	b, bc	10.0	Torquay	-	67	56	b	b	12.0
Bettws-y-Coed	-	58	47	o, c, bc	o, c, b	7.0	Paignton	-	66	56	b	b	12.0
Aberystwyth	-	62	49	bc	c, bc	5.1	Falmouth	-	65	58	c, b	bc, b	9.7
England, E.							Bude	-	63	52	b	b	10.5
Lowestoft	-	64	50	b, bc	bc	5.1	Ifracombe	-	63	53	b	b	11.0
Felixstowe	-	67	51	bc	bc	6.0	Weston-super-Mare	-	68	47	b	b, bc, c	11.0
Walton-on-Naze	-												
Southend-on-Sea	-												

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.		
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.				
			Max.	Min.		Max.												Min.			
			24 HOURS ENDED 9 A.M. TO-DAY.																		
%	%	F.°	F.°	F.°	In.				Hr.		In.	F.°	F.°	F.°				Hr.			
Greenwich (Royal Obsy.) ...	47	63	67	49	36	Trace	b	b. bc	bc pb	7.4	Dublin to 4 p.m.	-	61	51	48	bc	o. c	o			
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	8.7	Plymouth to 3 p.m.								32		
Westminster (St. James's Pl.)	47	65	67	53	46	-	bc	bc	c. bc	7.6	Darwen "	-	61	41	27	bc. o	og	og. bc	28		
Camden Sq. (Brit. Rainfall)	47	63	70	51	48	-	bc	bc	c. bc	7.3	Manchester "	-	62	43	38	br. c. o	o. bc	c. bc	6.3		
Hampstead (Reservoir) ...	*	66	63	49	38	-	bc	bc	c. bc	7.9	Birmingham "	-	62	45	30	b. bc	bc. c	c. o			
Kew. (See front page.)											Oxford to 8 p.m.	-	66	43	38	o. c. b	bc	c. o			
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																					
			Total.		Mean Rate.		Max. Rate.														
S. Kensington (Roof of M.O.)			60		73		2.085 Joules.		38.3 Milliwatts.		82.5 Milliwatts.		7.5		S. Kensington (Museum Grounds to 6 p.m.)						

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

6th & 7th Aug. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.22 4.23	G.M.T. 11.59 11.59	G.M.T. 7.36 7.36
Greenwich	4.23 4.34	12.6 12.6	7.39 7.38
Wick	4.46 4.18	12.18 12.18	8.20 8.18
Valencia	5.12 5.13	12.47 12.47	8.23 8.21

## NOTES ON YESTERDAY'S WEATHER.

In the south of England yesterday the thermometer rose to between 65° and 70°, but in other parts of the country the readings were lower, and on our extreme north and northwest coast they were below 60°. Very little bright sunshine was recorded over the northern and eastern parts of Great Britain, and showers were experienced at several of the coast stations. In Wales and the south of England the duration of sunshine ranged between 10 and 12 hours. Wireless reports show that as far west as the 20th meridian ships experienced moderate to fresh North Easterly winds, but further to the westward the wind was light from East or South East; the weather was generally cloudy or misty.

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 wrapping.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday  
7th August 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.				
		At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	F.	W.				At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dir.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	After'n. 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.	
		In.	F.	F.	W.		In.	F.	F.	W.		In.	F.	F.	W.		In.	F.	F.	c	c	c	Hours	
BRITISH ISLANDS.	Lerwick ... ..	30.01	52	NNW	3	c	29.99	-.01	49	-2	NNW	3	c	3	-	51	48	c	c	c	"			
	Stornoway ... ..	30.11	55	N	3	c	30.11	.00	53	+2	NW	2	o	2	-	58	46	c.c	bc	bc.o	8.1			
	Castlebay (Barra Isd.)	30.13	55	NNW	3	bc	30.10	.00	54	+1	ENE	1	b	1	-	58	50	c.c.c	c.be	c.b	7.8			
	Glasgow ... ..	30.06	54	NW	1	bc	30.08	.00	46	-4	E	1	b	1	-	63	43	bc.c	bc	bc.b	6.0			
	Malin Head ... ..	30.14	54	NNW	2	bc	30.14	-.02	54	+1	N	1	b	0	-	58	51	bc	bc	bc	"			
	Blacksod Point ... ..	30.20	58	N	2	b	30.13	.00	56	0	N	1	c	1	Trace	63	51	cm.c	bc	bc.m	"			
	Valencia ... ..	30.18	60	NNW	4	c	30.16	.00	53	-3	-	0	o	2	-	63	48	bc	bc	c	11.2			
	Roche's Point ... ..	30.14	63	N	3	c	30.15	"	54	+2	N	2	c	2	-	65	52	b.be	bc.c	c	"			
	Birr Castle ... ..	30.13	60	NW	2	c	30.13	"	49	+1	N	2	c	"	-	62	48	c	c	c	6.7			
	Donaghadee ... ..	30.11	56	N	2	c	30.08	-.01	50	-2	SW	2	c	2	-	60	47	bc	c	c.bc.c	"			
	Liverpool Obsy. ... ..	30.09	59	NW	2	b	30.08	-.01	53	-1	N	3	o	2	-	61	52	bc	b	bc.o	10.4			
	Holyhead ... ..	30.10	58	N	2	bc	30.11	.00	55	-1	NW	2	c	1	-	64	53	bc.cm	bc.bw	bc.c.b	12.4			
	Pembroke (St. Ann's Hd.)	30.08	58	N	3	bc	30.10	+0.01	55	0	-	0	cg	1	Trace	64	50	c	bc	bc	8.6			
	Newquay ... ..	30.07	60	N	4	b	30.09	.00	58	+1	NW	1	o	2	-	61	43	bc	bc	b.o	11.3			
	Scilly (St. Mary's) ... ..	30.09	59	N	4	bc.m	30.12	.00	57	-2	-	0	bc	2	-	65	53	bc	bc.m	bc	7.3			
Jersey (St. Aubin) ... ..	30.04	64	N	3	b	30.09	"	59	-1	NW	1	bm	1	-	68	46	bm.b	bm.b	bm.b	12.5				
Portland Bill ... ..	30.04	61	WSW	4	c	30.08	+0.01	60	+2	ENE	2	c	2	-	65	52	c	c	c	"				
Dungeness ... ..	29.98	58	NE	2	c	30.07	+0.01	52	+1	N	2	o	2	Trace	64	47	c	cp.c	c.o	"				
Dover ... ..	29.99	56	"	0	b	30.08	"	56	+5	N	3	b	2	0.17	61	46	a.c.be	bc.o.r	cp.b	5.5				
Wick ... ..	30.05	52	NNW	"	c	30.03	-.01	51	0	NNW	2	c	3	-	56	45	a.beq	bc.cq	cg	"				
Nairn ... ..	30.06	58	N	3	bc	30.07	"	49	-1	N	1	c	1	-	60	43	ev	bc	c	2.6				
Aberdeen ... ..	30.05	53	N	2	c	30.04	+0.01	50	-2	NW	2	o	2	Trace	58	47	c.p.c	cp.c	c.o	2.6				
Leith ... ..	30.05	59	"	0	c	30.04	+0.02	51	-2	NNW	1	bc	"	-	61	46	c.be	c	c	"				
North Shields ... ..	30.07	56	NNE	3	c	30.05	+0.02	52	0	NW	2	bc	3	0.01	60	49	c	c.be	bc	7.4				
Spurn Head ... ..	30.00	59	N	4	bc	30.03	-.01	55	+1	N	5	cm	4	-	60	50	-bc	bc.b	cm	12.3				
Yarmouth ... ..	30.00	59	N	3	bc	30.06	.00	50	-1	N	1	c	1	0.06	61	44	bc	bep	bc.c	8.5				
Clacton-on-Sea ... ..	30.00	58	ESE	1	bc	30.07	.00	52	-1	NNW	2	bc	0	0.33	62	44	a.c.be	cp.b	bc	6.0				
Nottingham ... ..	30.04	59	NE	2	c	30.08	"	52	-1	WSW	1	cm	"	-	64	45	c.be	c	c	6.6				
Bath ... ..	30.03	65	N	1	c	30.09	"	52	-3	E	-	c	"	-	68	47	bc.o	a.be.c	a.b.o	6.7				
London (Kew Obsy.) ... ..	30.02	62	N	3	bc	30.09	.00	53	-2	-	0	cm	"	-	66	49	b.o	a.c.be	bc.cm	8.2				
ICELAND, FAEROE, &c.	Spitzbergen ... ..						30.10	-.01	47	-4	-	0	b	"	"	"	"	"	"	"				
	Isafjord ... ..	30.10	50	NW	6	f	30.17	-.01	49	0	NW	1	f	"	"	"	"	"	"	"				
	Reykjavik ... ..	30.15	54	NW	5	bc	30.10	.00	47	-1	-	0	f	"	"	"	"	"	"	"				
	Vestmanna ... ..	30.07	55	NW	6	b	30.10	+0.01	44	-4	-	0	f	"	"	"	"	"	"	"				
	Seydisfjord ... ..	30.09	51	NE	2	o	30.04	-.01	48	+2	-	0	bc	"	"	"	"	"	"	"				
SCANDINAVIA.	Thorshavn ... ..	30.08	62	E	1	b	30.05	-.01	48	+2	-	0	bc	"	"	"	"	"	"	"				
	Haparanda ... ..	29.46	51	NNW	4	r	29.50	+0.04	51	-4	N	2	r	"	0.39	63	45	"	"	"				
	Hernösand ... ..	29.56	54	"	0	r	29.56	+0.01	51	-2	-	0	r	"	0.87	55	50	"	"	"				
	Stockholm ... ..	29.69	52	S	2	bc	29.61	-.01	57	+3	WSW	2	b	"	Trace	63	48	"	"	"				
	Wisby ... ..	29.66	54	SSE	2	b	29.66	-.01	61	-2	WSW	4	b	"	Trace	64	52	"	"	"				
	Karlstad ... ..	29.63	51	"	0	c	29.63	.00	52	+1	NW	4	c	"	0.04	59	46	"	"	"				
	Færder (X'lanta Fjord)	29.67	55	NNW	4	o	29.70	+0.02	54	-1	N	6	o	3	-	55	52	"	"	"				
	Bodö ... ..	29.73	52	N	6	b	29.71	+0.01	50	-1	N	4	bc	2	-	54	48	"	"	"				
	Christiansund ... ..	29.88	49	NNE	1	o	29.85	-.01	49	0	NNE	1	c	2	0.20	50	46	"	"	"				
	Skudesnaes ... ..	29.75	50	N	6	b	29.75	.00	51	0	N	6	b	2	-	55	46	"	"	"				
GERMANY, &c.	The Scaw (Skagen) ... ..	29.70	55	NW	1	bc	29.68	+0.01	56	-1	N	3	o	1	0.12	63	52	"	"	"				
	Blaavands Huk ... ..	29.80	54	NW	4	bc	29.80	+0.01	54	-2	NW	4	o	3	Trace	59	52	"	"	"				
	Cuxhaven ... ..	29.84	55	NNW	4	o	29.86	+0.02	56	-1	NNW	3	c	0	0.08	61	54	"	"	"				
	The Helder ... ..	29.95	57	NW	4	c	29.99	+0.02	57	0	N	3	bc	3	0.12	61	54	"	"	"				
	Brussels ... ..	29.99	54	NW	1	b	30.05	+0.01	52	-3	NW	1	bc	"	Trace	65	43	"	"	"				
	Berlin ... ..	29.82	66	NW	3	bc	29.90	+0.02	55	-1	N	4	b	"	-	66	50	"	"	"				
	Frankfurt ... ..	29.92	58	NE	1	c	30.03	+0.05	53	-4	NE	1	c	"	-	64	46	"	"	"				
	Munich ... ..	29.87	56	N	4	r	29.99	+0.02	55	-2	NW	3	c	"	0.43	68	52	"	"	"				
FRANCE.	C. Gris Nez ... ..	30.01	55	N	1	o	30.07	+0.01	58	+2	N	4	bc	2	0.12	66	52	"	"	"				
	La Hève ... ..	30.04	59	NW	2	b	30.10	"	55	0	ENE	2	bc	2	-	64	50	"	"	"				
	Brest (St. Mathieu) ... ..	30.08	60	NNW	3	b	30.12	.00	55	0	N	2	b	2	-	68	54	"	"	"				
	Lorient (Bec Melen) ... ..	29.95	67	NE	2	o	30.01	"	59	+4	ENE	2	o	2	-	73	59	"	"	"				
	Rochefort (Ile d'Aix) ... ..	29.92	72	NE	4	c	30.04	+0.04	59	-5	ENE	3	bc	"	-	73	55	"	"	"				
	Biarriz ... ..	29.97	68	NNW	3	bc	30.05	+0.03	66	-2	NW	4	o	3	-	73	64	"	"	"				
	Paris ... ..	29.97	62	N	2	b	30.08	+0.02	53	-4	-	0	bc	"	-	68	45	"	"	"				
	Belfort ... ..	29.91	57	WSW	4	o	30.06	"	50	-9	-	0	f	"	0.20	74	48	"	"	"				
	Lyons ... ..	29.94	54	NNW	4	bc	30.04	"	56	-5	NNW	3	c	"	0.67	69	53	"	"	"				
	Nice ... ..	29.72	73	"	0	b	29.76	+0.02	66	-3	-	0	b	1	-	82	66	"	"	"				
SPAIN, PORTUGAL, &c.	Perpignan ... ..	29.88	70	SW	2	o	29.95	.00	63	-9	SW	1	o	3	0.28	86	62	"	"	"				

GALES.  
Duration and Extreme Force  
on British Coasts.

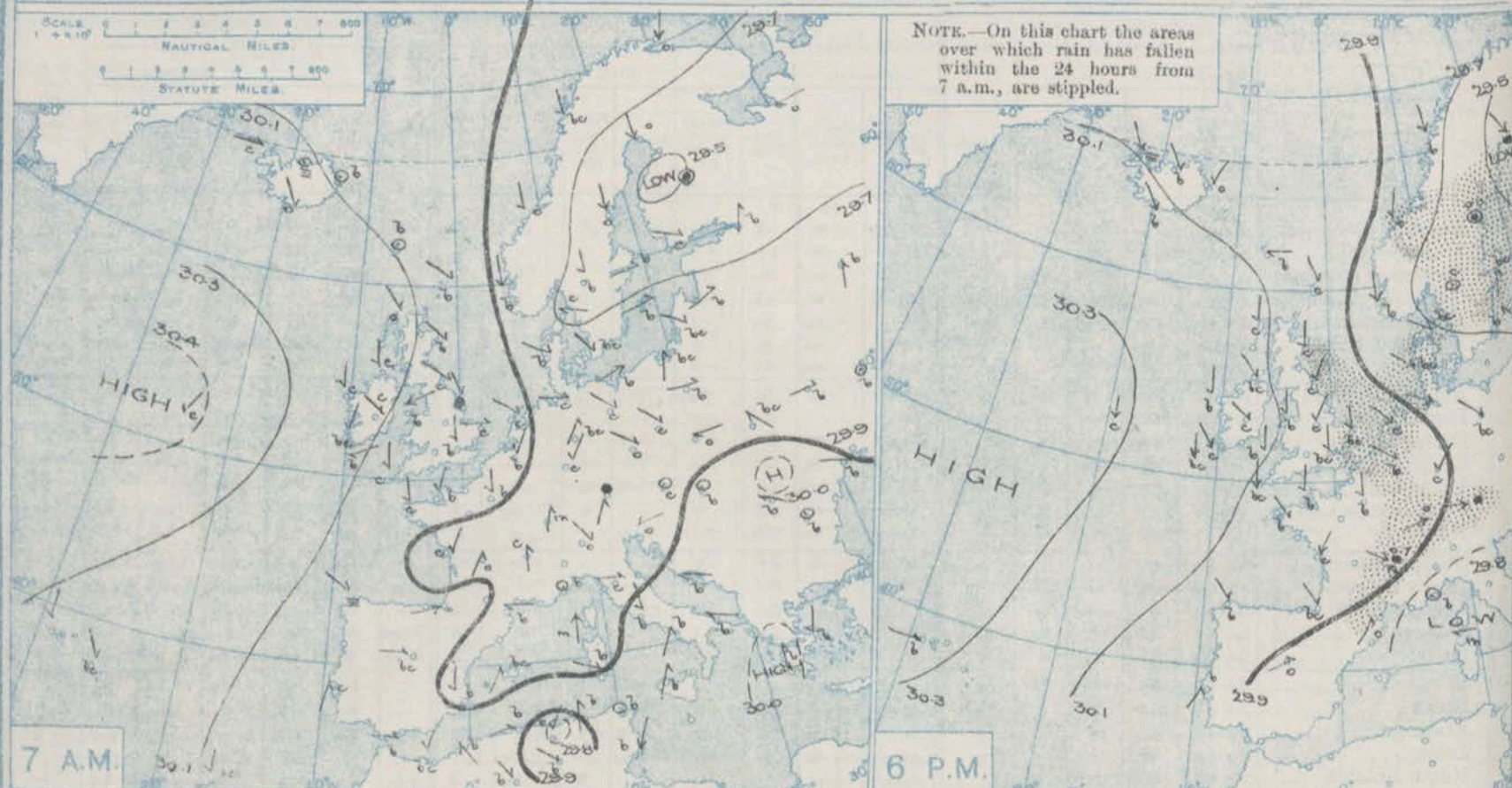
Violent thunderstorm, heavy  
torrential rain.

\* Information for these columns not usually received.

† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 6<sup>th</sup> August.



## GENERAL INFERENCE

There are no signs of any material change in the general distribution of pressure. The Atlantic anticyclone will continue to exercise a predominant influence over the

## WEATHER PROSPECTS.

weather, but slight local showers are not improbable in our northern and eastern districts.

## FORECASTS FOR THE 24 HOURS NOON THURSDAY

## TO NOON FRIDAY.

- 0 {  
a  
b
- 1 {  
a  
b
- 2 {  
a  
b
- 3 {  
a  
b
- 4 {  
a  
b
- 5 {  
a  
b
- North-Westerly winds, light or moderate; fair generally, but slight local showers; remaining cool
- Westerly and North-Westerly winds, light; fair generally, but slight local showers; rather warmer.

### 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.

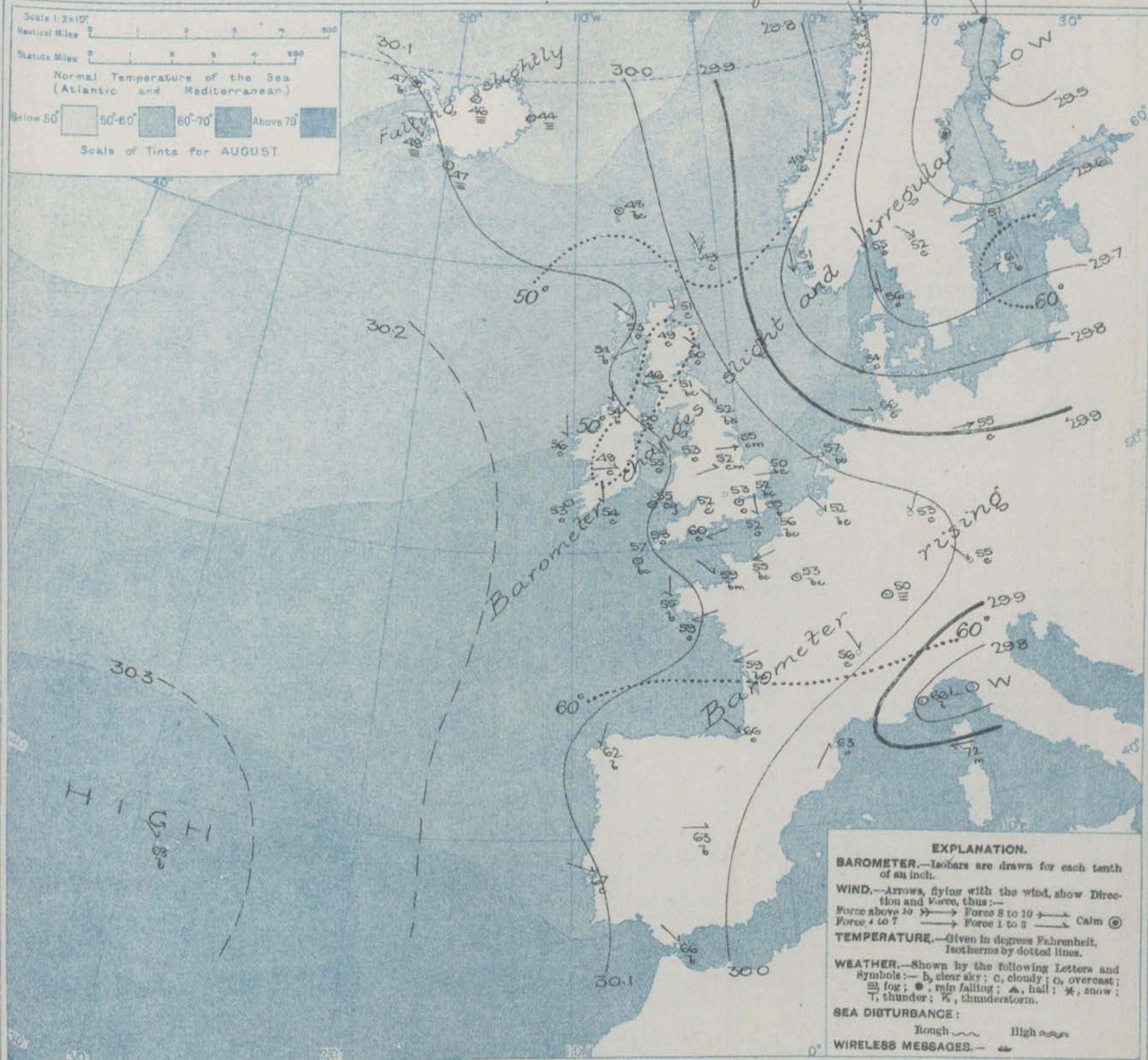
- 6 {  
a  
b
- 7 {  
a  
b
- 8 {  
a  
b
- 9 {  
a  
b
- 10 {  
a  
b
- Same as Nos. 0 to 2.
- Same as Nos. 3 to 5.
- Light breezes, chiefly
- Northerly; fair generally; rather warmer.

11 WESTERN light breezes from between North-West and North-East, with a slight sea; fair generally, but misty in places; remaining cool.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Thursday, 7<sup>th</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The general distribution of pressure remains unchanged. The borders of a large anticyclone still extends from the Atlantic over our own western coasts. The barometer is lowest, 29.5 in., and less, in a shallow depression over Finland.

Over Western Europe generally the direction of the wind varies between West and North. The current is, as a rule, light in force, but in the south of Norway the North-east breeze blows with considerable strength. Calms prevail in Iceland. Temperature has fallen a little

in most places. On our own extreme west and south-west coasts it ranges between 55° and 60°, but in the central parts of Ireland and Scotland it is below 50°. The Continental values range from a trifle above 65° in the south of France to between 45° and 51° in the west and north of Scandinavia. The weather is fair or fine over Western Europe as a whole, but is cloudy over the greater part of England. Rain is falling on the shores of the Gulf of Bothnia, and fog prevails very generally on the coasts of Iceland. The sea is slight or smooth.



## DAILY WEATHER REPORT.

Thursday 7th August, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O Outward. H Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O Outward. H Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
6th 6 p.m.	51	11	Laconia	O	30.20	+0.1	N	4-5	bc						In.	In.		(0-12).	
" "	52	19	Montfort	H	30.33	-0.3	N	4-5	c						In.	In.		(0-12).	
" 7 a.m.	52	23	do	H	30.41	-0.3	NE	1-3	c						In.	In.		(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.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
Oban ...	-	60	42	bc	bc	7.5	Ramsgate ...	0.01	64	45	bc.c	c	3.3
Stonehaven ...	-	61	45	bc	cp	4.6	Folkestone ...	0.14	62	48	bc.b	gr.c.bc	6.0
Carnoustie ...	0.01	61	45	"	"	4.2	Hythe ...	0.01	64	48	bc.b	"	"
St. Andrews ...	-	64	43	bc.	bc.c	2.5	Littlestone ...	"	"	"	"	"	"
England, N.E.							Hastings ...	"	65	49	o.bc	bc.o.bc	5.9
Harrogate ...	0.02	59	45	c.b.bc	b.bc.c	9.7	Bexhill-on-Sea ...	"	65	46	c.bc.c	o.op.bc	4.6
Scarborough ...	"	63	51	bc	bc	8.7	Eastbourne ...	"	68	47	bc.c	c.bc	4.3
England, N.W.							Seaford ...	"	67	46	"	"	3.6
Douglas ...	"	60	51	bc	bc	6.0	Brighton ...	"	67	48	"	c.o	5.1
Blackpool ...	"	63	49	bc	bc	11.3	Worthing ...	"	66	47	b.bc	bc.c	3.7
Southport ...	"	62	50	c.bc	bc.b	9.3	Littlehampton ...	"	"	"	"	"	3.7
Mid-lands.							Southsea ...	"	68	48	c.bc	c.o	3.7
Buxton ...	"	58	45	c	bc	5.2	Ryde ...	"	66	59	c.o	o.c.o	4.3
Leamington Spa ...	"	65	45	bc.	"	4.3	Ventnor ...	"	"	"	"	"	2.4
Malvern ...	"	"	"	"	"	"	Bournemouth ...	"	68	45	bc.c	c.bc	3.6
Wales.							Weymouth ...	"	69	49	bc.c	bc.o.c	3.6
Rhyl ...	"	61	55	b	b	11.0	Exmouth ...	"	67	54	bc	bc	5.5
Colwyn Bay ...	"	61	52	b	b	10.0	Teignmouth ...	"	68	55	b	bc.c	6.1
Llandudno ...	"	63	53	b	b	10.2	Torquay ...	"	68	54	b	bc.c	"
Bettws-y-Coed ...	"	"	"	"	"	"	Paignton ...	"	"	"	"	"	"
Aberystwyth ...	"	63	50	o.c.b	bc.b	9.0	Falmouth ...	"	67	53	bc.b	bc.b	9.2
England, S.							Bude ...	"	67	49	b	bc.b	9.3
Lowestoft ...	0.05	59	45	o.p.bc	bc	5.8	Ilfracombe ...	"	64	55	b	b.bc	6.3
Felixstowe ...	0.05	63	48	c.bc	emp	5.0	Weston-super-Mare ...	"	67	54	b	bc	"
Walton-on-Naze ...	0.22	62	48	o.p.b.bc	cr.c.bc	3.9							
Southend-on-Sea ...	"	67	53	bc	bc	6.0							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain- fall.	WEATHER.		Sun- shine for Yester- day.	STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.	Max.	Min.		Fore- noon.	After- noon.				Max.	Min.	Night.	Fore- noon.	
Greenwich (Royal Obs.) ...	63	61	66	46	38	bc	bc	7.9	Dublin to 4 p.m.	In.	F.	F.	F.	o.c	o.c
City (Bunhill Row) ...	"	"	"	"	"	"	"	7.1	Plymouth to 9 p.m.	"	61	47	46	o.c	o.c
Westminster (St. James's Pk.) ...	52	58	67	50	46	bc	bc.o	6.9	Darwen "	0.05	60	47	41	c.o.b	bc
Camden Sq. (Brit. Rainfall) ...	50	61	69	49	48	bc.	bc.c	7.1	Manchester "	"	"	"	"	"	"
Hampstead (Reservoir) ...	"	62	64	50	41	bc	c	9.0	Birmingham "	"	62	47	40	c	c.o
Kew. (See front page.)	"	"	"	"	"	"	"	"	Oxford to 8 p.m.	"	67	51	44	o.b	bc
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.															
Total.			Mean Rate.			Max. Rate.			S. Kensington (Museum Grounds to 6 p.m.)						
1643 Joules.			30.2 Milli-watts.			75 Milli-watts.			67 53 46 bc.c c c.bc						

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

7th & 8th Aug. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.23 L.M.T. 4.24	G.M.T. 11.59 L.M.T. 11.58	G.M.T. 7.35 L.M.T. 7.33
Greenwich ...	4.34 4.35	12.6 12.5	7.38 7.36
Wick ...	4.18 4.20	12.18 12.17	8.18 8.16
Valencia ...	5.13 5.14	12.47 12.46	8.22 8.20

Over a considerable portion of the United Kingdom the thermometer rose very little above 60°, but in the south of England it exceeded 65° and at Weymouth and Camden Square it touched 69°. In the northern, eastern and south-eastern parts of the country the duration of bright sunshine was small, but at several stations in the west and south west it amounted to between 10 and 12½ hours. Showers were experienced on our east and south east coasts.

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 wrapping.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday  
8th August 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.		Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Weather.			Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.				
In.		F.				In.	In.	F.					In.	F.	F.						Hours			
Lerwick ...		29.98	52	NNW	4	c	29.87	-0.3	50	+1	WSW	2	c	2	-	54	48	c	c	c.o.c.	*			
Stornoway ...		30.07	54	NW	3	c	29.96	-0.3	52	-1	WNW	2	c	2	0.08	62	49	o.b.c	b.c.c	.o.c	4.0			
Castlebay (Barra Isd.)		30.08	57	WNW	2	b.c	29.98	-0.2	53	-1	NW	2	o	1	0.09	60	51	b.c	b.c	b.c.p	12.8			
Glasgow ...		30.02	60	WSW	2	b	29.97	-0.2	48	+2	W	1	c	*	-	63	45	b.c.c	c.b.c	b.c	6.5			
Malin Head ...		30.05	56	N	2	b	30.01	-0.0	54	0	NW	3	c	1	Trace	59	51	b	b	cp	*			
Blacksod Point ...		30.12	59	NNW	1	b.c	30.07	-0.2	58	0	NNW	1	c	1	Trace	61	51	b.c.p	b.c	b.c	*			
Valencia ...		30.10	58	NW	2	c	30.05	+0.1	55	+2	NNE	1	b	3	-	62	53	o.c	c	o.b.c	1.5			
BRITISH ISLANDS.	Roche's Point ...		30.10	58	NNW	2	o	30.03	*	54	0	N	3	c	2	0.03	62	53	c.c.p	opg	obsc.	*		
	Birr Castle ...		30.07	58	W	1	c	30.04	*	49	0	W	2	c	*	-	61	47	c	c	c	3.0		
	Donaghadee ...		30.06	57	N	2	b	30.01	-0.1	49	-1	W	2	b.c	2	-	60	45	b	b	b.c	*		
	Liverpool Obsy. ...		30.05	57	WNW	2	b	29.99	-0.2	52	-1	SW	1	b	1	*	60	49	o.c	b	b	7.8		
	Holyhead ...		30.07	59	NNW	2	b.c	30.00	-0.1	54	-1	NNW	2	b.c	1	-	61	48	b.c.c	o.b.c	b.b.c	6.4		
	Pembroke (St. Ann's Hd.)		30.07	57	NNW	1	b.c	30.00	-0.3	51	-4	NE	1	b.c	1	-	63	49	c.p	b.c	b.c	3.7		
	Newquay ...		30.08	58	NW	3	b.c	29.98	-0.1	57	-1	W	1	o	1	-	63	46	c.v.b.c	b.c.c	b.c	4.5		
	Scilly (St. Mary's) ...		30.11	60	NNW	2	c	29.99	-0.1	55	-2	-	0	cp	2	0.01	67	54	b	b.c	b.c	6.5		
	Jersey (St. Aubin) ...		30.10	61	WNW	3	b	30.01	*	59	0	W	2	cm	2	-	66	55	b.c	b.c	cm	9.8		
	Portland Bill ...		30.04	62	WSW	3	c	29.96	-0.2	56	-4	NE	2	b	2	-	66	52	c.b.c	b.c	c.b.c	*		
	Dungeness ...		30.05	60	SSW	3	o	29.96	-0.1	59	+7	E	2	c	2	-	65	51	c	o	cp.c	*		
	Dover ...		30.05	57	SW	2	o	29.97	*	55	0	NW	1	o	2	0.05	66	50	b	b.c.c	o.c	8.0		
	Wick ...		30.03	53	NW	3	c	29.92	-0.2	51	0	WSW	3	c	2	-	56	41	c.c	o.c.p	b.c	*		
	Nairn ...		30.03	61	NE	2	c	29.94	*	52	+3	W	1	o	1	-	62	48	b.c	b.c	p	4.3		
	Aberdeen ...		30.03	56	N	2	c	29.94	-0.2	50	0	NW	1	c	2	-	60	43	o.c	c	b.b.c	1.2		
Leith ...		30.00	62	W	1	c	29.93	-0.2	51	0	NW	1	o	*	-	64	48	o.b.c	b.c	c.o	*			
North Shields ...		30.04	57	NE	3	b	29.95	-0.2	49	-3	WSW	2	o	3	-	58	48	b	b	b.c	7.0			
Spurn Head ...		30.03	56	N	3	c	29.98	-0.1	53	-2	NNW	2	cm	4	-	59	49	cm	c	cm	5.6			
ICELAND, FAEROE, &c.	Yarmouth ...		30.01	61	NNE	2	b.c	29.97	-0.0	53	+3	NE	2	b.c	1	-	63	48	b.c	b.c	b.c	3.3		
	Clacton-on-Sea ...		30.01	62	SSW	4	c	29.96	-0.2	55	+3	NNE	2	c	1	Trace	63	48	b.c	c	c.o.c	6.8		
	Nottingham ...		30.02	61	WNW	2	b	30.00	*	47	-5	W	1	cm	*	-	64	44	c.o	o.c	b	4.8		
	Bath ...		30.02	64	N	1	o	29.99	*	53	+1	N	-	c	*	-	63	49	c.o	o	o.c	3.8		
	London (Kew Obsy.) ...		30.04	59	SSW	1	o	29.97	-0.0	54	+1	SW	1	cm	*	0.23	64	51	o.b.c	op.c	o.c	1.8		
	Spitzbergen ...		29.96	43	NW	2	b	29.94	+0.1	43	-3	SW	2	b.c	*	-	48	36						
	Isafjord ...		30.10	51	N	4	c	30.08	-0.2	46	-1	-	0	f	*	-	*	*						
	Reykjavik ...		30.16	54	NW	2	c	30.11	-0.1	48	-1	NW	1	o	*	-	*	*						
	Vestmanna ...		30.08	52	NW	6	b.c	30.02	-0.1	43	+1	NW	3	b	o	*	-	*	*					
	Seydisfjord ...		30.06	60	E	3	b.c	30.02	-0.1	46	+2	-	0	o	*	-	*	*						
SCANDINAVIA.	Thorshavn ...		30.02	55	-	0	o	29.91	-0.3	47	-1	T	2	o	*	-	*	*						
	Haparanda ...		29.66	54	NE	2	o	29.60	-0.4	54	+3	E	2	o	*	0.04	57	48						
	Hernösand ...		29.62	51	-	0	r	29.54	-0.2	51	0	T	2	c	*	0.16	55	46						
	Stockholm ...		29.62	53	W	2	c	29.60	-0.0	55	-2	WSW	2	o	*	-	64	48						
	Wisby ...		29.67	55	WSW	2	b.c	29.67	+0.1	57	-2	W	4	b	*	-	63	54						
	Karlstad ...		29.68	54	-	0	b	29.67	-0.0	50	-2	T	2	o	*	-	59	45						
	Færder (Xlanla Fjord) ...		29.70	58	SW	4	b.c	29.66	+0.1	54	0	ESE	4	o	2	-	59	54						
	Bodö ...		29.73	53	T	1	b	29.66	-0.1	48	-2	NE	2	b.c	1	-	54	48						
	Christiansund ...		29.86	50	T	1	r	29.75	-0.4	49	0	TW	2	c	2	0.12	50	46						
	Skudesnaes ...		29.81	50	T	6	b	29.72	-0.1	50	-1	T	6	b	2	-	50	46						
GERMANY, &c.	The Scaw (Skagen) ...		29.75	55	W	3	b	29.68	-0.2	55	-1	SSW	3	o	1	-	64	50						
	Blaavands Huk ...		29.87	54	WNW	2	c	29.78	-0.1	54	0	NW	2	b	2	0.08	59	50						
	Cuxhaven ...		29.91	53	W	3	o	29.84	-0.3	52	-4	WSW	2	p	o	0.32	61	52						
	The Helder ...		30.00	57	W	3	c	29.93	-0.1	55	-2	NNW	3	c	2	0.04	59	54						
	Brussels ...		30.03	53	-	0	b	29.99	-0.0	51	-1	WNW	1	r	*	Trace	64	46						
	Berlin ...		29.93	53	NW	4	c	29.92	-0.0	55	0	W	4	b.c	*	-	64	50						
	Frankfurt ...		30.02	57	NE	1	c	30.00	-0.0	54	+1	NW	1	m	*	-	66	50						
	Munich ...		30.02	55	SW	2	o	29.99	-0.0	52	-3	TW	2	c	*	0.20	50	48						
	C. Gris Nez ...		30.04	59	W	3	c	29.95	-0.1	58	+2	SE	2	c	1	Trace	66	54						
	La Hève ...		30.05	52	NW	1	o	29.98	*	56	+1	W	4	b	4	-	66	52						
FRANCE.	Brest (St. Mathieu) ...		30.14	62	N	3	b.c	30.04	-0.0	57	+2	SW	2	o	2	-	66	54						
	Lorient (Beo Molen) ...		29.98	66	W	3	b.c	30.00	*	58	-3	S	2	o	1	0.20	75	52						
	Rocheport (Ile d' Aix) ...		30.06	66	NW	4	c	30.04	-0.1	59	0	-	0	r	*	-	77	57						
	Biarritz ...		30.07	66	NW	4	o	30.08	+0.1	64	-2	W	4	b.c	3	0.04	68	61						
	Paris ...		30.05	62	T	1	b	29.99	-0.1	56	+3	SE	1	o	*	-	67	52						
	Belfort ...		30.02	59	ESE	2	o	30.06	*	50	0	-	0	m	*	-	68	46						
	Lyon ...		30.01	64	N	2	b	30.06	*	56	0	NNW	2	b	*	-	69	51						
	Nice ...		29.69	75	W	2	b	29.82	+0.4	69	+3	NW	2	b	2	-	86	61						
	Perpignan ...		29.97	69	WNW	4	b.c	30.04	+0.2	68	+3	NW	2	b	*	Trace	74	58						
	Sanguinaire ...																							
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.) ...																							
	Lisbon (9 a.m.) ...		30.19	64	NW	5	b	30.13	+0.1	64	-3	NW	5	b	2	-	75	61						
	Gibraltar ...		30.12	69	W	4	b	30.05	*	66	0	NW	3	b	1	*	79	63						
	Azores (Horta 8 a.m.) ...		30.14	69	WNW	4	b	30.28	+0.1	67	-1	WNW	1	m	1	-	77	64						
Madeira (Funchal) ...		30.25	71	NE	2	b	30.21	-0.0	72	0	NE	2	c	2	-	77	59							

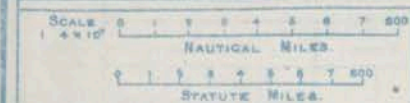
GALES.  
Duration and Extreme Force  
on British Coasts.

\* Information for these columns not usually received.

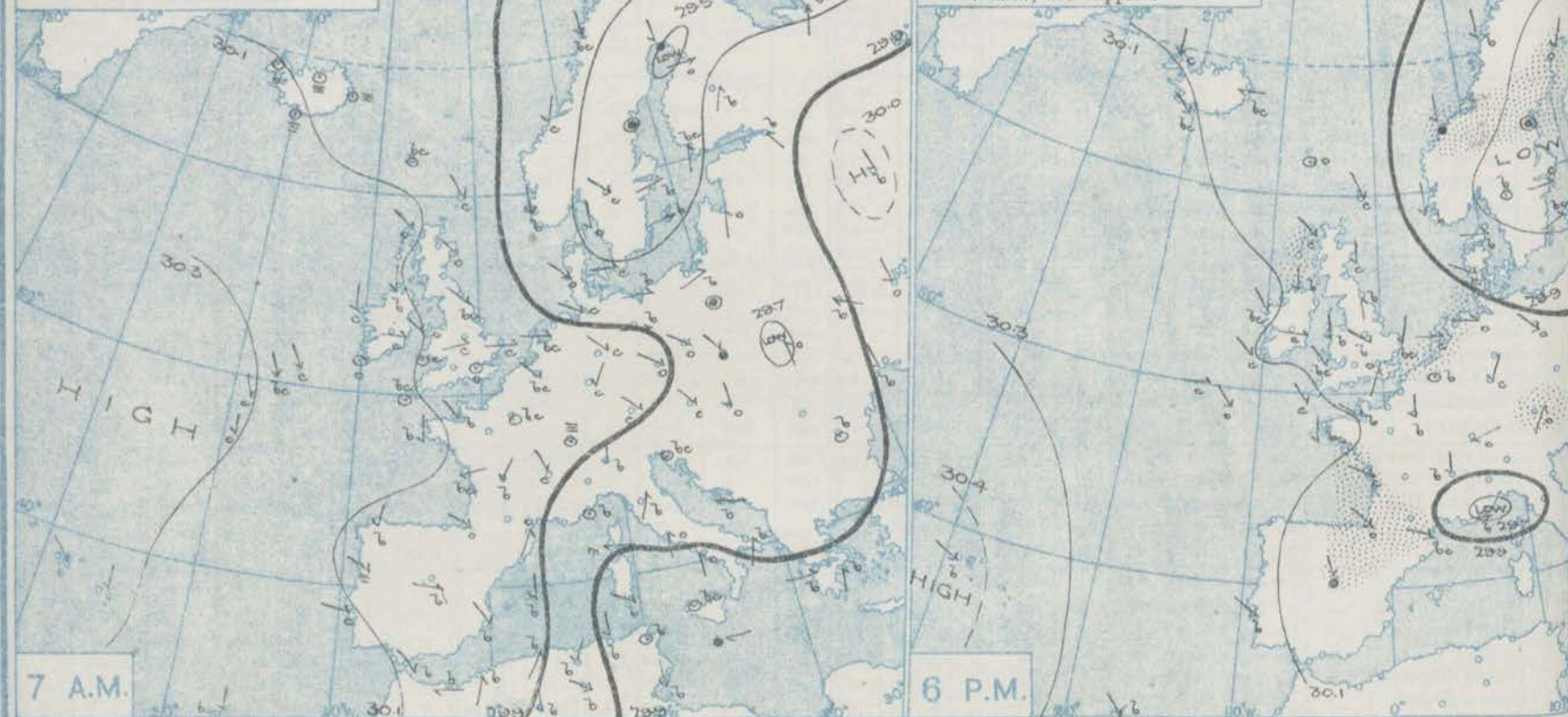
† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 7<sup>th</sup> AUGUST.



NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



## GENERAL INFERENCE

## WEATHER PROSPECTS.

Over our western districts the weather will remain under the influence of the Atlantic high pressure system, and will, therefore, be generally fair and dry. Small secondary depressions

will pass in a southerly or south easterly direction across the North Sea, and will occasion local showers in the northern and eastern parts of the United Kingdom.

## FORECASTS FOR THE 24 HOURS NOON FRIDAY

## TO NOON SATURDAY.

- 0 {  
a } Westerly and North Westerly  
b }  
1 { winds, light or moderate; weather  
mostly fair, but slight local  
2 { showers.  
a }  
b }  
3 {  
4 { Variable breezes, finally  
a } Westerly; mostly fair, but  
b } slight local showers;  
5 { remaining cool.

## 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

- 6 { Same as Nos. 0 to 2.  
b }  
7 { Northerly and North-  
b }  
8 { Westerly winds, light or  
b } moderate; fair; cool  
9 {  
b }  
10 {

## 11 WESTERN CHANNEL AND BAY.

Light to moderate Westerly and North Westerly winds, and a slight sea; fair generally, but slight showers locally.

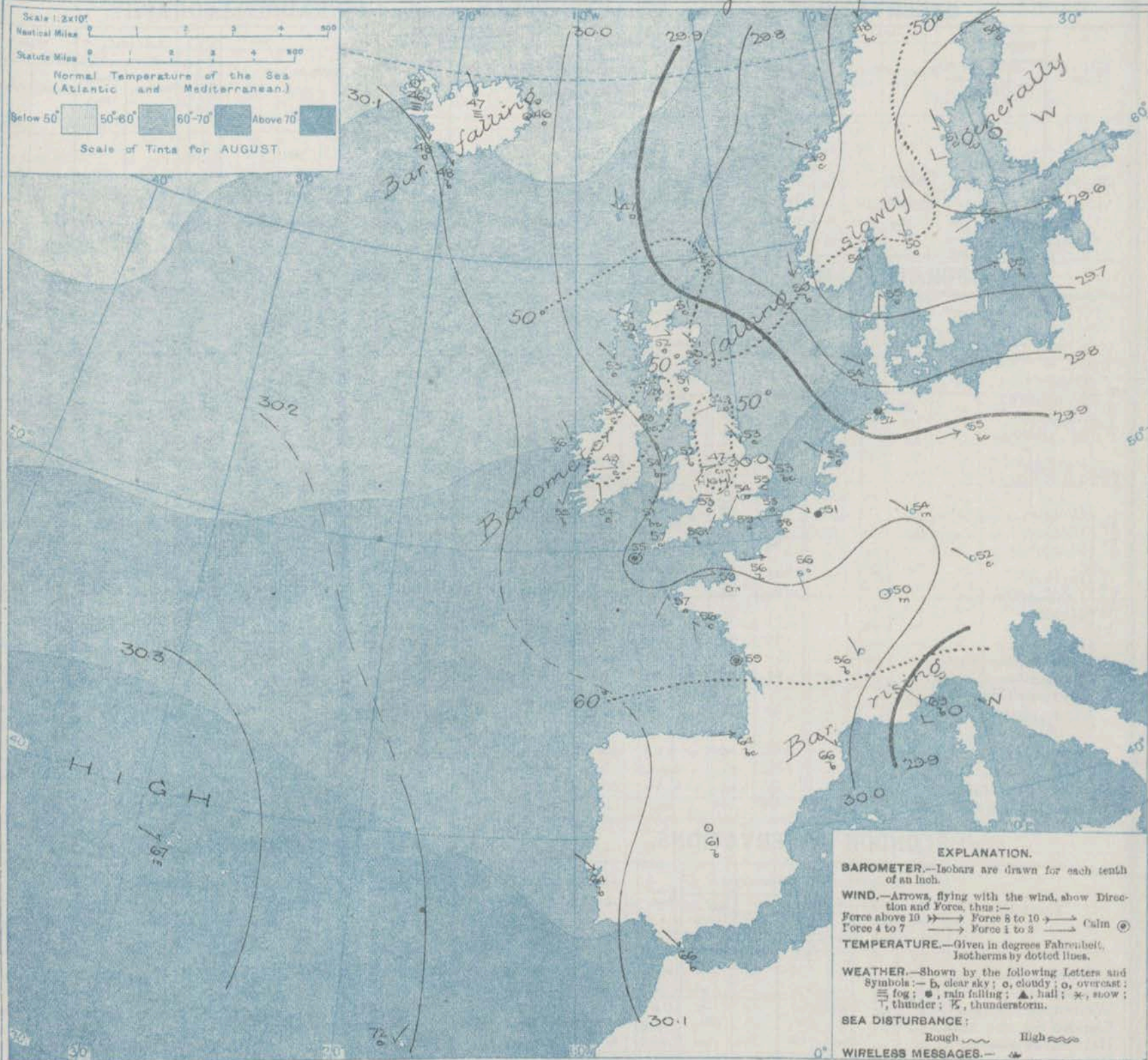
## THE FURTHER OUTLOOK.

Nos. 7 to 10.

Fair weather is likely to continue.



# SYNOPTIC CHART FOR 7 A.M. Friday, 8<sup>th</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The general distribution of pressure remains unchanged. A large anticyclone still occupies the entire eastern half of the Atlantic, while a shallow low pressure system lies over Finland and the Gulf of Bothnia. Small secondary disturbances are passing across the Skager Rack and North Sea.

Light winds from between West and North are reported over Western Europe generally, but at some of the channel stations there is a faint current from the Eastward or North Eastward. Temperature has changed rather irregularly, and

remains low for the season. On our extreme western and southern coasts the thermometer is slightly above 55°, but at many of our northern and central stations it is below 50° and at Nottingham it is no higher than 47°. Over the northern & central parts of the Continent the readings are mostly below 55°. The weather is fair or fine over Western Europe as a whole, but showers are falling at Seilly and Coohaven and steady rain at Brussels and Rochefort. Fog prevails in Northern Iceland. The sea is slight or smooth generally.



## DAILY WEATHER REPORT.

Friday, 8th August, 1913.

## 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.	
7th 6pm	56	14	Cedric	H	30.24	-0.07	W	1-3	c	7th 7am	49	18	Cedric	H	30.39	-0.04	NNW	1-3	c
"	49	12	Olympic	H	30.23	-0.02	NW	4-5	o	"	50	17	Laconia	H	30.26	+0.03	NNW	4-5	bc
" 7am	48	19	de	H	30.35	-0.02	N	1-3	o	"	51	15	Monifort	H	30.22	-0.03	NNW	4-5	c

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	...	62	42	bc. b	b. bc	12.0	England, S.E.	Margate	...	65	48	b	bc. c	8.6
	Stonehaven	...	61	42	fg	cg	0.9		Ramsgate	...	64	45			8.3
	Carnoustie	...	63	40			9.5		Folkestone	...	65	48	bc. b	bgv. bc	9.0
	St. Andrews	...	63	36	bc	bc	8.8		Hythe	...					
Engl. N.E.	Harrogate	...	63	43	b. bc	bc. c	7.6	England, S.W.	Littlestone	...					
	Scarborough	...	62	49	bc	bc	8.6		Hastings	...	63	50	b. bc	b. bc. c	4.1
England, N.W.	Douglas	...	61	47	o. bc	bc	6.5		Bexhill-on-Sea	...	64	51	c. bc	b. bc. c	3.7
	Blackpool	...	60	53	c. o	bc. c	5.3		Eastbourne	...	64	51	o. bc. b	b. ov	5.1
	Southport	...	60	52	o. bc	bc. b	6.0		Seaford	...	65	48	c	c. bc	4.0
Mid-lands.	Buxton	...	57	40	bc	bc	5.6	England, S.W.	Brighton	...	64	52	c. bc. c	c. o	4.1
	Leamington Spa	...	64	46	o	c. b	0.2		Worthing	...	65	53	c. bc	bc. o	2.1
	Malvern	...					1.5		Littlehampton	...					2.1
Wales.	Rhyl	...	59	43	c. o. bc	bc. b	7.0		Southsea	...	64	53	c. o	o. c. o	1.2
	Colwyn Bay	...	60	?	bc	bc. b	5.0	England, S.W.	Ryde	...	64	60	o	o	2.0
	Llandudno	...	62	47	c	c. b	4.8		Ventnor	...					
	Bettws-y-Coed	...	60	46	o. c	c. bc	6.5		Bournemouth	...	67	46	c. bc	bc. c	1.8
England, E.	Aberystwyth	...						England, S.W.	Weymouth	...	69	51	bc. b	bc. c	4.7
	Lowestoft	...	64	42	o. c. o	o. c. o. c	4.5		Exmouth	...	67	50	b	bc	7.4
	Felixstowe	...	64	44	bc. c	bc	7.4		Teignmouth	...	70	53	b	bc	6.6
	Walton-on-Naze	...	61	42	b. bc	c. o. g	6.5		Torquay	...	67	51	b	bc. c. o	6.4
England, E.	Southend-on-Sea	...	68	47	bc	b. bc	6.8	England, S.W.	Paignton	...	68	51	b	bc	5.4
									Falmouth	...	68	46	c. b	bc	4.1
									Bude	...	65	49	bc	bc	5.8
									Ilfracombe	...	62	49	c. bc	bc. c	2.0
									Weston-super-Mare	...	67	49	b. bc	bc. c	4.2

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

LONDON OBSERVATIONS FOR YESTERDAY.										ADDITIONAL OBSERVATIONS FOR YESTERDAY.									
STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.		
			Max.	Min.		Max.				Min.		Max.						Min.	
	24 HOURS ENDED 9 A.M. TO-DAY.																		
Greenwich (Royal Obs.) ...	66	82	F. 70	F. 50	F. 44	0.09	o	o	opbto	Hr. 1.2	Dublin to 4 p.m.	in.	F. 63	F. 50	F. 47	o.c	bc	bc	7.1
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	1.6	Plymouth to 9 p.m.	-	66	49	44	bcv	bcv	bcv	6.2
Westminster (St. James's Pk.)	77	82	67	53	51	0.09	u	uv	wtbc	2.5	Darwen "	-	61	46	40	o.baw	bc	bc	
Camden Sq. (Brit. Rainfall)	80	78	67	51	51	0.07	o.bc	c.or	wtbc	1.6	Manchester "								
Hampstead (Reservoir) ...	*	84	63	50	44	0.10	2	c	wtbcm	2.0	Birmingham "	-	63	48	33	o	c.o	c.o	1.6
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.								Oxford to 8 p.m.	*	65	48	41	bcm.o	cuv	op.cm	
			Total.		Mean Rate.		Max. Rate.				S. Kensington (Museum Grounds to 6 p.m.)	0.04	67	52	43	o	o.or	wtbc	
S. Kensington (Roof of M.O.)	83	86	985 Joules.		18.2 Milliwatts.		67.5 Milliwatts.		1.8										

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

8th & 9th Aug. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4:24 4:26	G.M.T. 11:58 11:58	G.M.T. 7:21 7:21
Greenwich	4:35 4:37	12:5 12:5	7:36 7:34
Wick	4:20 4:22	12:17 12:17	8:16 8:13
Valencia	5:14 5:16	12:46 12:46	8:20 8:18

## NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 65° and upwards in the west and south of England, and to 70° at Greenwich and Seignmouth; at several stations in North Britain it failed to reach 60°. The amount of bright sunshine was, as a rule, somewhat small. Showers were experienced in a few isolated places, and a thunderstorm occurred in London & thence at Spurn Head. Wireless reports show that as far west as the 20th meridian ships experienced light to fresh breezes from the northward or north-eastward and fair weather.

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

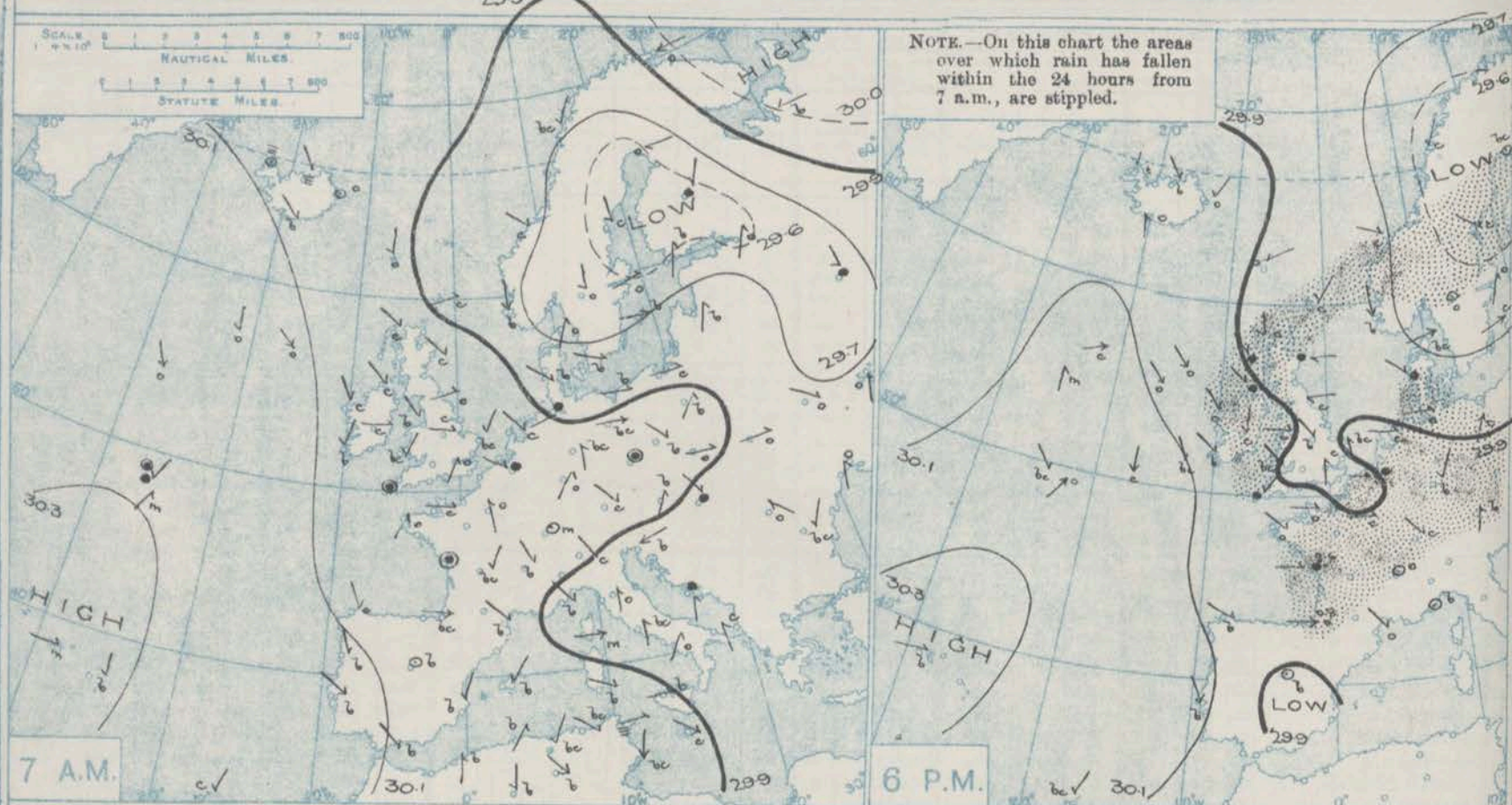
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† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 8<sup>TH</sup> AUGUST.



GENERAL INFERENCE

## WEATHER PROSPECTS.

The anticyclone is withdrawing westward over the Atlantic, and the British Isles are coming under the influence of an extensive low pressure system

and its secondaries.

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

0 { a }  
b }

Same as Nov. 6 to 10.

1 { a }  
b }

2 { a }  
b }

Calm and light variable

3 { a }  
b }

breezes, mainly S.W. or S.E.; fair to dull,

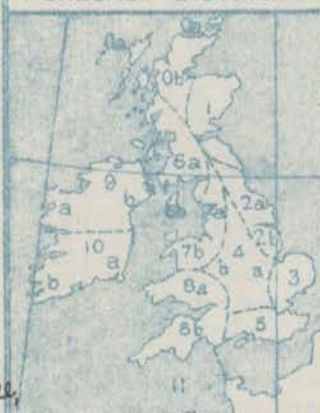
4 { a }  
b }

some passing showers and mist;

5 { a }  
b }

continuing cool.

#### 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

6 { a }  
b }

Light breezes between

7 { a }  
b }

North and West; fair to dull,

8 { a }  
b }

some passing showers and mist;

9 { a }  
b }

continuing cool.

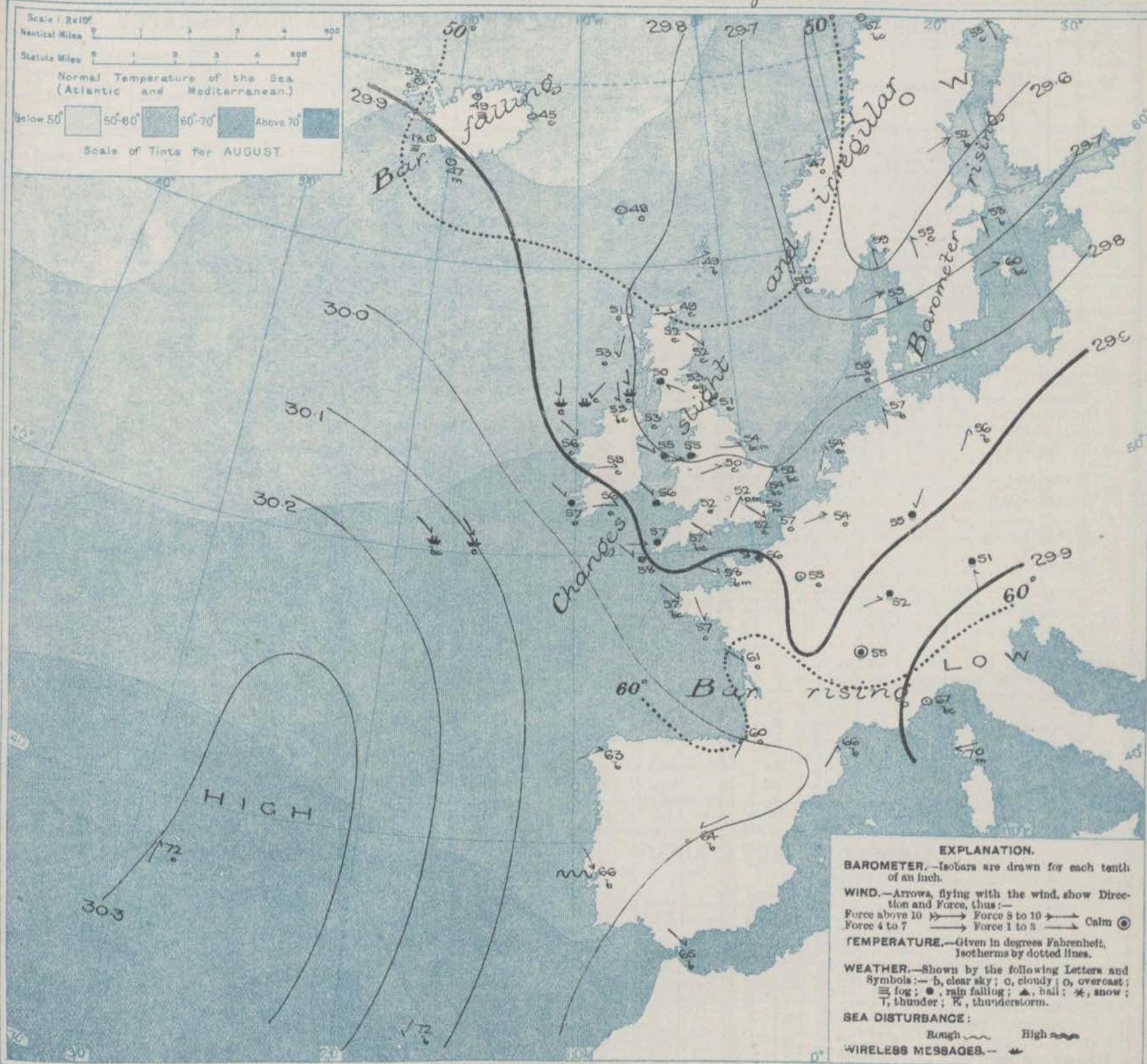
10 { a }  
b }

11 WESTERN light to moderate North  
Westerly to S.W. or S.E. breezes; sea  
slight or smooth; changeable;  
some showers, mist or fog; cool

THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Saturday 9<sup>th</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The high pressure system has now passed out beyond our western coasts, the whole of Northern and Western Europe and the Iceland region being covered by a shallow depression. The barometer readings range from 30.3 in. at the Azores to 29.5 in. over Lapland. The gradient is slight everywhere.

Calms and light breezes prevail in all regions, the direction showing a cyclonic movement round the minimum pressure. Temperature remains low throughout our area. At the home stations the values range from 49° at Lenoir and Skick to 59° at Bir Castle; on the Continent from 47° at Christiana and

to 67° at Nice; and in Iceland from 45° to 53°. At Spitzbergen the reading is 46°. The weather is fine in a few isolated situations, but generally it is very cloudy to overcast and dull or gloomy. Rain is falling at many of our western stations in eastern France and Western Germany. The sea is slight to very smooth on all coasts.



## DAILY WEATHER REPORT.

Saturday, 9th August, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward H Inward H	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward H Inward H	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
3th 7am.	50	17	Cellie	H	30.12	0.00	NW	(0-12)	bc	8th 6pm	56	18	Monmouth	H	30.06	-0.04	-	-	bc
"	50	15	Carmania	H	30.12	+0.02	NNW	1-3	c	"	51	12	Cellie	H	30.11	+0.01	NNW	1-3	bc
"	55	10	Monmouth	H	30.07	-0.01	N	1-3	c	"	53	28	Carmania	H	30.27	-0.02	NNW	1-3	bc
"	55	9	Laurence	H	30.16	-0.07	ESE	1-3	c	"	48	26	Laurence	H	30.19	-0.03	-	-	bc
"	55	6	London	H	30.17	-0.01	N	1-3	c	"	47	25	Carmania	H	30.23	-0.03	NE	1-3	bc
8th 6pm	54	24	California	H	30.15	-0.03	S	1-3	bc	"	56	21	Monmouth	H	30.31	+0.04	SW	1-3	bc
"	49	22	Carmania	H	30.21	+0.04	NNW	1-3	bc	"	56	21	Laurence	H	30.19	0.00	N	1-3	bc
"	49	21	Carmania	H	30.19	-0.03	SW	1-3	bc	"	56	16	Monmouth	H	30.21	+0.04	NNW	1-3	bc
"	50	16	Haverford	H	30.21	-0.01	N	4-5	c	"									
"	55	15	Laurence	H	30.07	+0.06	NW	4-5	c	"									

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland, N.E.	In.	F.	F.	bc	c. bc	2.5	Margate	In.	F.	F.	bc	c	3.1
Oban	-	61	47	bc	c. bc	2.7	Ramsgate	0.02	64	51	bc	c	3.1
Stonehaven	0.02	61	42	c	cp	3.8	Folkestone	-	62	50	bc	bc	7.4
Carnoustie	-	62	45	"	"	5.6	Hythe	-	66	52	bc	bc	7.4
St. Andrews	-	64	45	bc	bc	5.6	Littlestone	-	"	"	"	"	8.7
England, N.E.	-	66	43	bc	bc, c	6.8	Hastings	-	65	53	"	b. bc	8.6
Harrogate	-	63	50	c. bc	c	4.3	Bexhill-on-Sea	0.04	66	54	bc	bc	7.0
Scarborough	-	"	"	"	"	"	Eastbourne	-	66	49	b	b. bc	5.3
England, N.W.	-	60	47	bc	bc	11.5	Seaford	0.06	67	49	c. bc	c	4.5
Douglas	-	61	42	bc	bc	10.5	Brighton	0.15	64	49	bc	bc	6.2
Blackpool	-	61	42	bc	b. bc	10.5	Worthing	-	66	48	b	c	5.8
Southport	-	"	"	"	"	"	Littlehampton	-	"	"	"	"	4.3
Mid-lands.	-	61	40	bc	b. bc	9.2	Southsea	-	67	50	c. bc	o	5.0
Buxton	-	66	42	c	c	6.4	Ryde	-	66	54	bc	o	5.0
Leamington Spa	-	"	"	"	"	10.0	Ventnor	-	"	"	"	"	1.4
Malvern	-	"	"	"	"	"	Bournemouth	0.08	64	48	c. bc	r. o	1.4
Wales.	-	60	45	b	b	12.0	Weymouth	-	67	49	b. bc	c	5.0
Rhyl	-	61	49	b	b	10.0	Exmouth	-	68	50	c. bc	c. bc	1.4
Colwyn Bay	-	62	51	b	b	10.5	Teignmouth	-	68	50	bc	bc	2.7
Llandudno	-	60	46	c. bc	b. bc	12.3	Torquay	-	67	51	bc	c. o	2.2
Bettws-y-Coed	-	60	46	c. bc	b. bc	12.3	Paignton	-	68	50	bc	c	0.7
Aberystwyth	-	66	56	b. o	bc. b	4.5	Falmouth	-	63	49	o	c. o	4.1
Tenby	-	"	"	"	"	"	Bude	-	65	47	bc	c	4.1
England, E.	-	60	48	c. bc	b	12.6	Hfracombe	-	63	54	b	b. bc	3.1
Lowestoft	-	62	47	bc	bc	10.8	Weston-super-Mare	-	67	50	b	b. bc	3.1
Felixstowe	0.04	61	48	b. bc	c. b	9.2							
Walton-on-Naze	0.12	"	"	"	"	"							
Southend-on-Sea	-	"	"	"	"	8.0							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.	STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.	
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.			
			Max.	Min.														Max.		Min.
24 HOURS ENDED 9 A.M. TO-DAY.																				
Greenwich (Royal Obs.)...	%	%	F.	F.	F.	In.				Hr.	Dublin to 4 p.m.	In.	F.	F.	F.					
City (Bunhill Row) ...	63	86	66	45	3+	-	c, bc	bc, c	c, bc	3.7	Plymouth to 9 p.m.	-	64	51	49	c	bc	bc, c	0.7	
Westminster (St. James's Pl.)	*	*	*	*	*	*	*	*	*	3.9	Darwen "	-	66	49	44	bc	bc	bc	7.2	
Camden Sq. (Brit. Rainfall)	63	89	65	50	4+	-	bc	bc	bc, m	4.0	Manchester "	-	64	43	38	bc	bc	bc	9.1	
Hampstead (Reservoir) ...	57	74	70	48	4.6	-	b	bc	o	4.5	Birmingham "	-	66	43	31	b	c	b	9.1	
Kew. (See front page.)	*	75	63	49	37	-	c	c	c	3.3	Oxford to 8 p.m.	*	67	47	42	cm. bc	bc	bc	9.1	
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																				
Total.			Mean Rate.			Max. Rate.			3.3	S. Kensington (Museum Grounds to 6 p.m.)										
1036 Joules.			19.2 Milliwatts.			62.5 Milliwatts.				0.12 64 53 47 4.0 m. a c. bc 0.60										

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

2th-10th Aug. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.26 4.24	G.M.T. 11.53 11.53	G.M.T. 7.31 7.23
Greenwich	4.38 4.38	12.5 12.5	7.34 7.32
Wick	4.22 4.24	12.17 12.17	8.13 8.10
Valencia	5.16 5.17	12.46 12.46	8.13 8.16

The highest temperature in the British Isles during yesterday was 68° on the south coast of Devon. Light showers have fallen at many Northern and Western stations, thunder occurred at Brighton and Dungeness, a thunderstorm at Seaford. The duration of bright sunshine varied greatly, from less than an hour at Newquay and Falmouth to 13 hours at Yarmouth. As far west as the 30th meridian ships experienced light to fresh breezes from between North and West and South, with fair to dull weather, rain in the far 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.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday  
10th August 1913.

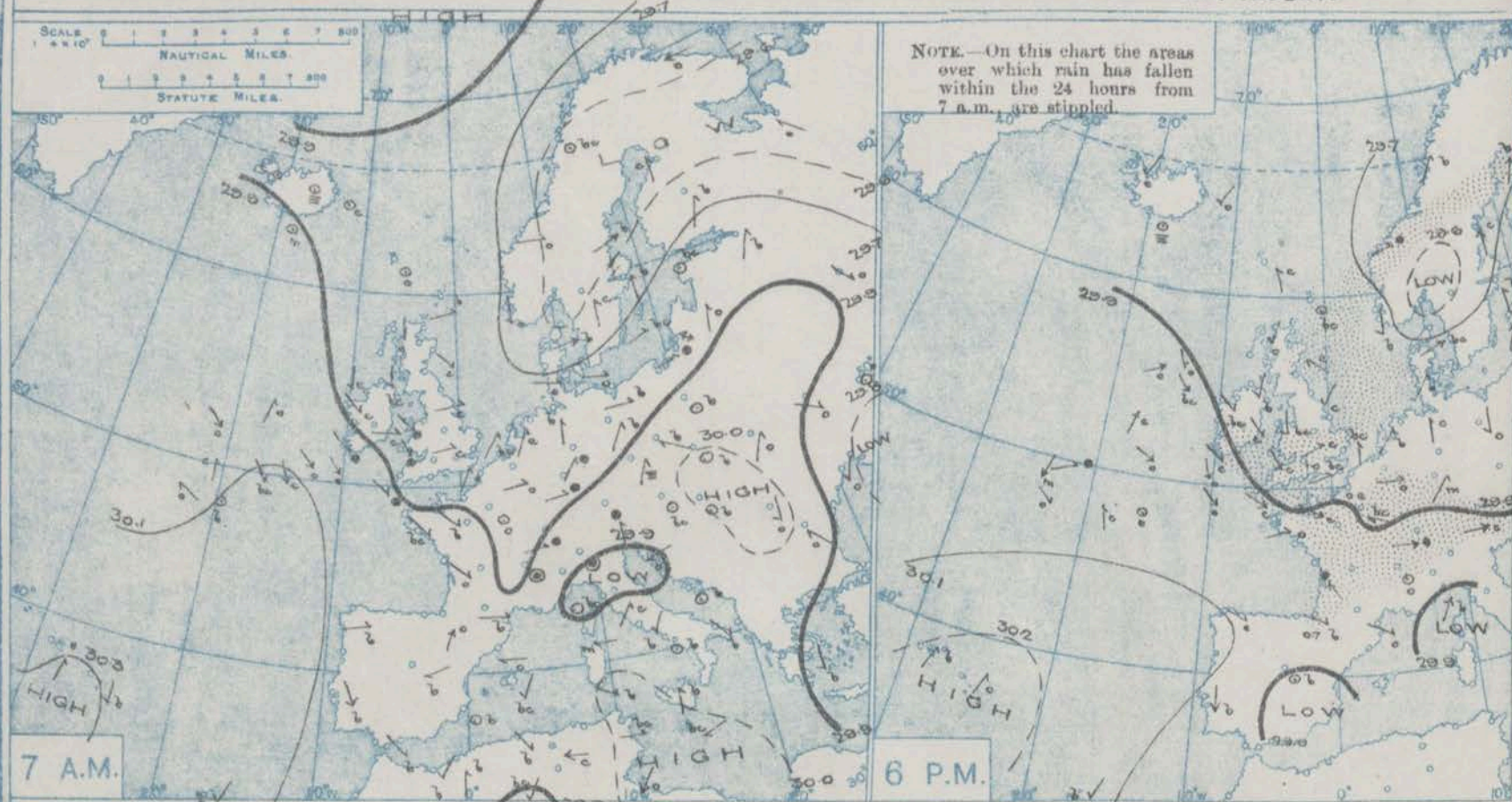
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.	
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.			
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dry Bulb.	Dirac.				At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dirac.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.		After'n. 1 p.m. to 6 p.m.
		In.	F.				In.	In.	F.								In.	F.	F.	bcp	bcp	c	Hours
BRITISH ISLANDS.	Lerwick ...	29.78	50	-	0	bc	29.78	+01	50	+1	WNW	1	c	1	0.12	53	45	bcp	bcp	c			
	Stornoway ...	29.83	53	NE	2	o	29.84	00	51	0	NE	1	o	1	-	56	46	o	o	c.o	0.5		
	Castlebay (Barra Ind.)	29.83	55	WNW	3	o	29.85	00	53	0	WNW	2	o	1	-	58	52	o.c	c.o	o	2.8		
	Glasgow ...	29.77	59	-	0	c	29.83	+02	51	+1	WSW	1	c	0	0.02	61	48	o.c	c	c.o.c	2.3		
	Malin Head...	29.84	57	NNE	1	b	29.85	00	53	-2	SW	1	bc	0	-	59	52	bc	bc	cv	*		
	Blacksod Point ...	29.87	58	NW	1	bc	29.82	-01	56	0	NW	1	c	1	0.05	61	48	bcp	bcp	cmbd	*		
	Valencia ...	29.93	58	NW	2	c	29.93	00	58	+1	WSW	3	o	3	0.09	62	54	cp	bc	cv	3.2		
	Roche's Point ...	29.87	61	NNW	4	c	29.94	00	56	0	NW	1	bc	1	0.01	63	53	cp	c	c.b.c	*		
	Birr Castle ...	29.83	63	NW	3	c	29.89	00	54	-5	W	2	c	1	0.04	64	51	cp	c	c	4.6		
	Donaghadee ...	29.81	57	NNE	4	b	29.85	+01	52	-1	NW	1	c	1	-	60	46	bc	b	bcp	*		
ICELAND, FAEROE, &c.	Liverpool Obsy. ...	29.79	57	WNW	3	bc	29.87	+03	55	0	WNW	3	b	3	0.48	61	53	or	b	bcp	7.7		
	Holyhead ...	29.80	58	NNW	2	bc	29.88	+02	54	-1	ESE	1	cv	1	0.11	62	50	rcpbc	c.bcm	b.b.c	9.0		
	Pembroke (St. Ann's Hd.)	29.83	59	NW	4	c	29.90	+02	57	+1	NW	1	c	1	Trace	62	53	cp	bc	c	4.3		
	Newquay ...	29.87	59	T	1	c	29.93	+06	61	+4	NW	4	b	3	0.04	62	57	cp cv	cv	b.c.b.	1.9		
	Scilly (St. Mary's) ...	29.90	60	WNW	4	c	29.95	+03	58	0	NW	1	cp	3	0.03	66	56	bc	c	cp.	3.8		
	Jersey (St. Aubin) ...	29.92	60	WNW	4	c	29.98	00	60	+2	W	3	c	3	0.12	61	55	o.mv	om.c	c	1.0		
	Portland Bill ...	29.84	59	WSW	5	cp.	29.91	+03	60	+3	WNW	3	c	3	0.14	62	56	c	cp	cr	*		
	Dungeness ...	29.82	60	WSW	2	o	29.87	+02	57	+5	W	3	c	3	0.06	65	50	c.o	tp.o	o.c	*		
	Dover ...	29.81	57	SW	2	c	29.86	00	60	+5	NW	2	b	2	0.07	63	48	bc.b	or.c	c.b.c	7.1		
	Wick ...	29.80	51	SSE	3	c	29.82	+01	50	+1	WNW	1	c	2	Trace	55	45	c	cy	cp.	*		
SCANDINAVIA.	Nairn ...	29.80	54	ENE	2	o	29.83	00	49	-3	S	1	c	1	Trace	59	43	vc	c.o	p.c.	1.5		
	Aberdeen ...	29.80	55	ESE	2	c	29.84	+02	49	-3	WNW	1	o	2	0.01	58	43	c.o.p.c	c.o.c	d.b.c	1.4		
	Leith ...	29.77	58	E	1	c	29.81	+02	52	-1	W	2	c	0	0.06	60	50	og.c	c	cp.	*		
	North Shields ...	29.79	56	NE	3	c	29.85	00	51	0	N	1	o	3	-	62	50	c	c	o	4.9		
	Spurn Head ...	29.75	58	-	0	o	29.84	+03	54	0	NNE	2	bc	2	0.02	65	50	cp	c.o.p	cp.	4.6		
	Yarmouth ...	29.78	59	SSE	3	bc	29.80	+02	54	+2	W	2	c	1	0.64	64	51	bc.c	c.bcp	or.c	4.2		
	Clacton-on-Sea ...	29.77	60	S	4	bc	29.84	+04	54	0	W	2	c	1	-	63	52	bc.c	c.b.c	c	4.6		
	Nottingham ...	29.77	59	SW	1	c	29.87	00	50	0	SW	1	cm	0	Trace	65	44	c	cp	c	2.5		
	Bath ...	29.82	57	-	0	o	29.91	00	55	+3	W	1	c	0	0.96	61	46	-	cp	tr	1.2		
	London (Kew Obsy.)...	29.80	62	WSW	2	bcv	29.89	+04	53	+1	WSW	1	b	0	-	64	50	om.o	c.b.c	b.c.c	2.9		
GERMANY, &c.	Spitzbergen ...	29.85	52	NE	2	c	29.84	00	48	-5	-	0	f	0	-	-	-	-	-	-	-	-	
	Isafjord ...	29.85	54	NE	3	o	29.82	00	51	+3	-	0	f	0	-	-	-	-	-	-	-	-	
	Reykjavik ...	29.87	52	-	0	f	29.80	-01	49	+2	-	0	f	0	-	-	-	-	-	-	-	-	
	Vestmanna ...	29.83	56	NE	2	o	29.82	00	47	+2	-	0	f	0	-	-	-	-	-	-	-	-	
	Seydisfjord ...	29.85	51	SSE	1	c	29.83	00	47	-1	N	1	c	0	-	-	-	-	-	-	-	-	
	Thorshavn ...	29.85	51	SSE	1	c	29.83	00	47	-1	N	1	c	0	-	-	-	-	-	-	-	-	
	Haparanda ...	29.69	55	SW	6	b	29.83	+08	57	+2	S	4	bc	0	0.04	61	52	-	-	-	-	-	
	Hernösand ...	29.69	56	S	4	bc	29.79	+06	59	+7	S	4	b	0	-	59	45	-	-	-	-	-	
	Stockholm ...	29.73	54	S	2	b	29.87	+04	59	+1	SW	2	bc	0	-	63	48	-	-	-	-	-	
	Wisby ...	29.80	57	SW	4	b	29.89	+01	62	+2	S	2	bc	0	-	63	50	-	-	-	-	-	
FRANCE.	Karlstad ...	29.57	59	SW	6	b	29.71	+05	57	-2	SSW	6	b	3	-	59	55	-	-	-	-	-	
	Færder (Xlaia Fjord) ...	29.61	51	SW	2	b	29.71	+02	50	-2	E	1	b	1	-	54	46	-	-	-	-	-	
	Bodö ...	29.62	50	WSW	3	r	29.68	+02	50	+3	SSW	1	c	3	0.43	50	46	-	-	-	-	-	
	Christiansund ...	29.73	49	N	2	b	29.76	+01	50	0	-	0	b	2	-	50	41	-	-	-	-	-	
	Skudesnaes ...	29.71	54	WSW	5	bc	29.75	+01	55	0	SW	2	o	0	-	61	52	-	-	-	-	-	
	The Scaw (Skagen)...	29.78	56	SW	1	o	29.77	00	58	+3	WSW	3	o	2	0.16	61	54	-	-	-	-	-	
	Hlaavands Huk ...	29.81	57	S	2	b	29.82	00	51	-6	S	2	bc	0	-	62	45	-	-	-	-	-	
	Cuxhaven ...	29.81	58	-	0	b	29.80	+01	55	+1	SSW	2	c	1	-	63	48	-	-	-	-	-	
	The Helder ...	29.83	54	WSW	2	o	29.88	+02	58	+1	WSW	3	o	0	0.28	64	50	-	-	-	-	-	
	Brussels ...	29.81	60	N	2	o	29.85	+01	58	+2	N	2	c	0	-	70	52	-	-	-	-	-	
SPAIN, PORTUGAL, &c.	Berlin ...	29.87	54	SW	1	m	29.94	+04	54	+2	SW	1	r	0	0.32	57	52	-	-	-	-	-	
	Frankfurt ...	29.90	55	W	5	c	30.01	+02	55	+4	W	5	c	0	0.08	61	50	-	-	-	-	-	
	Munich ...	29.82	60	WSW	3	c	29.87	+03	57	0	W	4	b	3	-	66	54	-	-	-	-	-	
	C. Gns Nez ...	29.91	56	WSW	4	r	29.95	00	57	+1	WSW	5	o	4	0.55	64	52	-	-	-	-	-	
	La Hève ...	29.96	60	WSW	3	o	30.04	+02	59	+2	W	2	o	2	-	64	55	-	-	-	-	-	
	Brest (St. Mathieu) ...	30.00	62	WNW	6	o	30.06	+03	63	+2	NW	4	o	3	-	64	55	-	-	-	-	-	
	Lorient (Rec Melen)...	30.06	63	W	4	r	30.08	+03	62	+2	WSW	4	o	0	0.04	70	59	-	-	-	-	-	
	Rochefort (Ile d'Alx) ...	30.06	67	WNW	3	b	30.08	00	62	+2	SE	3	b	1	0.71	68	57	-	-	-	-	-	
	Biarritz ...	29.89	57	SE	1	o	29.98	+04	57	+2	SSW	2	r	0	0.29	67	52	-	-	-	-	-	
	Paris ...	29.97	52	W	5	r	30.08	00	52	0	WSW	2	o	0	0.24	63	49	-	-	-	-	-	
PORTUGAL, &c.	Belfort ...	30.01	58	-	0	o	30.10	00	56	+1	-	0	o	0	0.20	69	54	-	-	-	-	-	
	Lyons ...	29.85	70	SW	4	b	29.94	+04	68	+1	-	0	b	3	-	79	61	-	-	-	-	-	
	Nice ...	30.00																					

GALES.  
Duration and Extreme Force  
on British Coasts.

Thunderstorm y day afternoon.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. - 9<sup>th</sup> AUGUST.



GENERAL INFERENCE

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON

Sunday

TO NOON Monday.

- 0 { a  
b
- 1
- 2 { a  
b
- 3
- 4 { a  
b
- 5

*None Issued.*

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.*

- 6 { a  
b
- 7 { a  
b
- 8 { a  
b
- 9 { a  
b
- 10 { a  
b

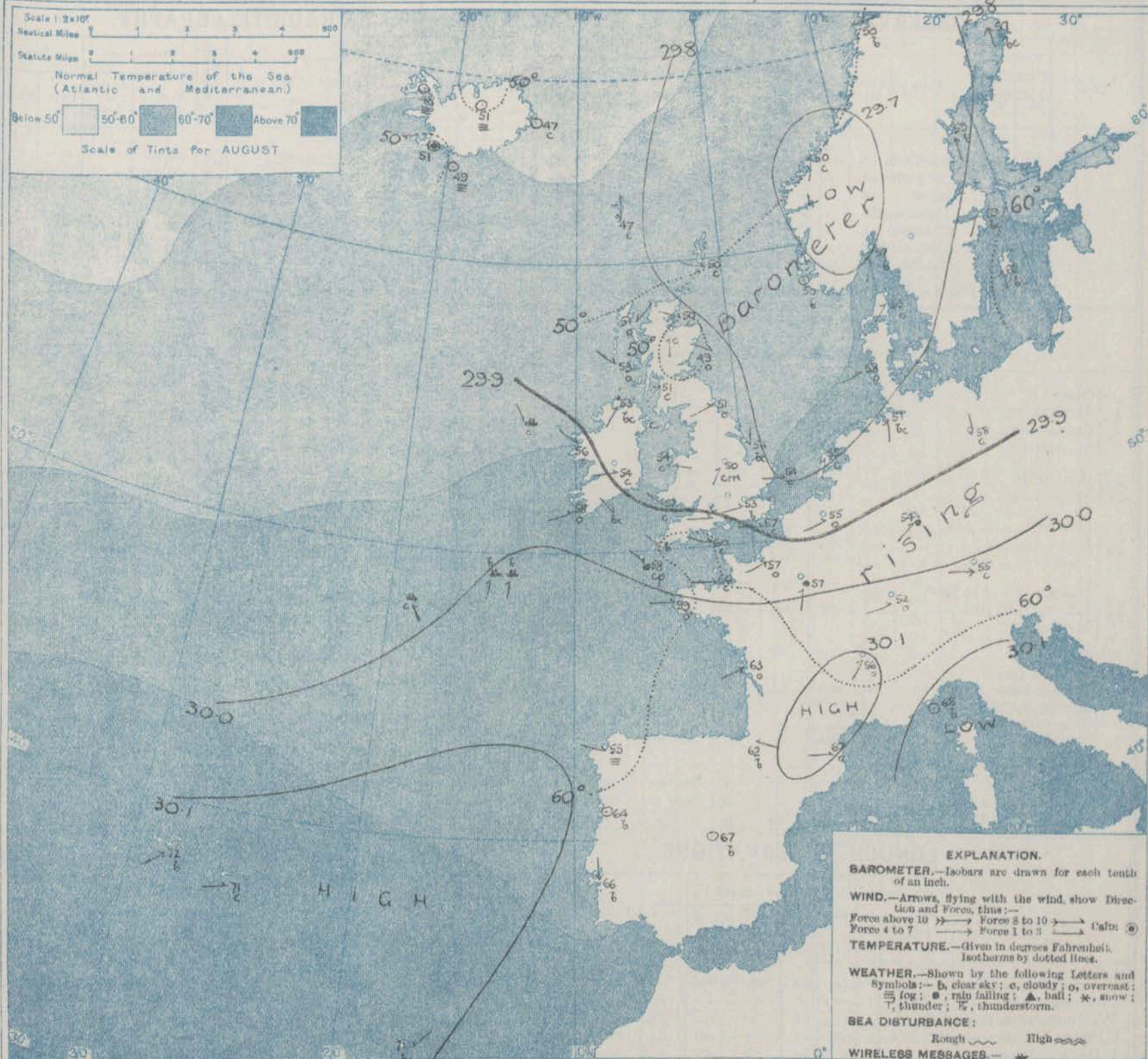
*None Issued.*

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. SUNDAY, 10<sup>TH</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.1 in. over the Azores region and relatively high thence across the Bay, France and Southern Germany. The lowest pressure, below 29.7 in., is found in a shallow depression centred over Norway.

The wind, which has very little force, varies locally in direction, but is mainly from some Westerly point over Ireland, England and France, and South-Westerly to Southerly over Denmark and Sweden. At all the stations in Iceland calm

is reported. Temperature has undergone little change. Over these Islands it ranges from about 60° on the extreme south and south-west coasts to 54° on the east coast of England, and to about 50° in the east and north-east of Scotland. A good deal of cloud prevails both over this country and the Continental portion of our area, but at most Scandinavian stations the sky is clear. Showers are falling at the Scilly Isles, and rain is reported at Paris and Frankfurt. At Lorient and on various parts of the coast of Iceland the weather is foggy.



## DAILY WEATHER REPORT.

Sunday, 10th August, 1913.

## 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 6pm.	49	24	Haverford	O	30.05	-0.04	MNE	1-5	m	9th 6pm.	55	13	California	H	29.93	-0.05	MW	1-3	bc
"	48	23	Marquette	H	29.92	-0.04	MW	1-3	O	"	56	13	Empress of Ireland	O	29.89	-0.02	MW	1-5	O
"	50	21	Celtic	O	30.06	-0.02	WSW	1-3	T	"	51	10	Carmania	H	29.97	-0.06	MW	1-5	O
"	47	19	Vaderland	H	30.00	-0.05	SE	1-3	O	"	49	10	Manitow	O	29.93	+0.01	NW	1-5	O
"	52	16	Ansonia	H	29.98	-0.03	SW	1-5	O	"	48	23	Vaderland	H	30.05	-0.05	ESE	1-3	O
"	48	16	Munnetonka	H	30.07	0.00	-	0	O	"	52	22	Andania	H	29.59	-0.03	NW	1-5	O
"	51	16	Montezuma	O	29.95	-0.04	WMW	1-5	O	"	50	21	Haverford	O	30.15	-0.04	NW	1-3	O

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.			Hr.	Margate	In.	F.	F.			Hr.
Oban	0.03	57	49			0.4	Ramsgate	0.02	61	47	b	7.0	4.2
Stonehaven							Folkestone		63	51	b	6.4 p.c.	7.0
Carnoustie							Hythe						
St. Andrews							Littlestone						
England, N.E.							Hastings		64	50	bc, b	bc, o.c.	5.0
Harrogate	0.11	59	48	o.c.p.	cp, o	1.1	Bexhill-on-Sea		65	52	b, bc	o.c.	5.0
Scarborough							Eastbourne	0.12	65	48	o, b, bc	b, bc, o.c.	4.2
England, N.W.							Seaford	0.13	64	47	r, a	bc, c	3.6
Douglas	0.67	61	53	o.c.	c	8.3	Brighton	0.01	63	49	o, c, o	o, c, bc, o	1.8
Blackpool		62	55	o, c, bc	bc	8.5	Worthing	0.16	63	55	c	c	1.5
Southport	0.01						Littlehampton						
Mid-lands.							Southsea						
Buxton	0.25	59	47	bc, c	c	1.6	Ryde	0.04	63	50	c	cp	1.8
Leamington Spa	0.03	63	43	bc	bc	2.0	Ventnor						
Malvern						1.7	Bournemouth	0.42	64	46	bc, o.c.	r, c	3.3
Wales.							Weymouth	0.12	64	49	bc, bc	p, bc	5.8
Rhyl	0.77	60	51	c, r	r, c, b	3.6	Exmouth						
Colwyn Bay							Teignmouth	0.17	64	49	c, r	bc	2.0
Llandudno		63	53	o, b	b	3.9	Torquay						
Bettws-y-Coed							Paignton	0.17	63	49	bc	o, c	1.1
Aberystwyth	0.21	61	50	r, o, c	bc, o	2.7	Falmouth	0.10	63	51	op	o, c	1.6
Tenby	0.03	65	56	o, c, bc	bc	4.3	Bude	0.33	65	45	o	b	3.8
England, E.							Ilfracombe	0.12	62	53	o, c	c, bc	1.0
Lowestoft		68	47	bc, u	bc, u	6.7	Weston-super-Mare						
Felixstowe													
Walton-on-Naze		64	48	bc, bc	c, bc	4.9							
Southend-on-Sea		68	50	bc	bc	4.0							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.	
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.			
			Max.	Min.														Max.		Min.
			24 HOURS ENDED 9 A.M. TO-DAY.																	
Greenwich (Royal Obs.) ...	54	64	68	49	40	—	b, bc	bc, c	bc	3.4	Dublin to 4 p.m.	0.26	62	58	52	o, c	bc, op	o, cp	4.7	
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	2.6	Plymouth to 9 p.m.	0.55	63	49	40	bc, r	o, r	o, r	4.7	
Westminster (St. James's Pk.)	57	59	66	50	44	—	bc, b	b	bc	4.2	Darwen	0.57	64	43	42	bc, r	o, r, b	r, bc	1.8	
Camden Sq. (Brit. Rainfall)	53	62	68	49	46	—	o, c	c, bc	bc	4.5	Manchester	0.46	61	50	—	b, o, r	op, c	a, bc	1.8	
Hampstead (Reservoir) ...	*	67	64	48	37	—	bc	bc	bc	5.1	Birmingham	0.11	60	47	29	o, r	r, c	o	1.8	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									Oxford to 8 p.m.	*	62	44	39	o, bc, bc	cp	cp	
			Total.		Mean Rate.		Max. Rate.													
S. Kensington (Roof of M.O.)	69	74	1344 Joules.		24.4 Milliwatts.		62 Milliwatts.		4.6	S. Kensington (Museum Grounds to 6 p.m.)	—	66	51	29	o	bc	bc			

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

	10th Aug. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.27 4.30	G.M.T. 11.33 11.58	G.M.T. 7.29 7.26	
Greenwich	4.28 4.40	12.5 12.5	7.32 7.30	
Wick	4.24 4.26	12.7 12.7	8.10 8.8	
Valencia	5.17 5.19	12.46 12.46	8.16 8.14	

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature remained below 65° in most parts of these islands, below 50° at several northern stations. Rain has fallen over a considerable area, accompanied by thunder and lightning at some places in the south and east. At Great Yarmouth the measurement is 0.64 in. and at Bath 0.98 in. Over the United Kingdom generally the bright sunshine records were moderate or slight, but at Southport the figure was 8.5 hours (up to 6 p.m.) and at Holyhead 9 hours. According to wireless reports light to moderate winds, mainly between West and North-West, prevailed so far west as the 24th meridian.

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

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.



## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

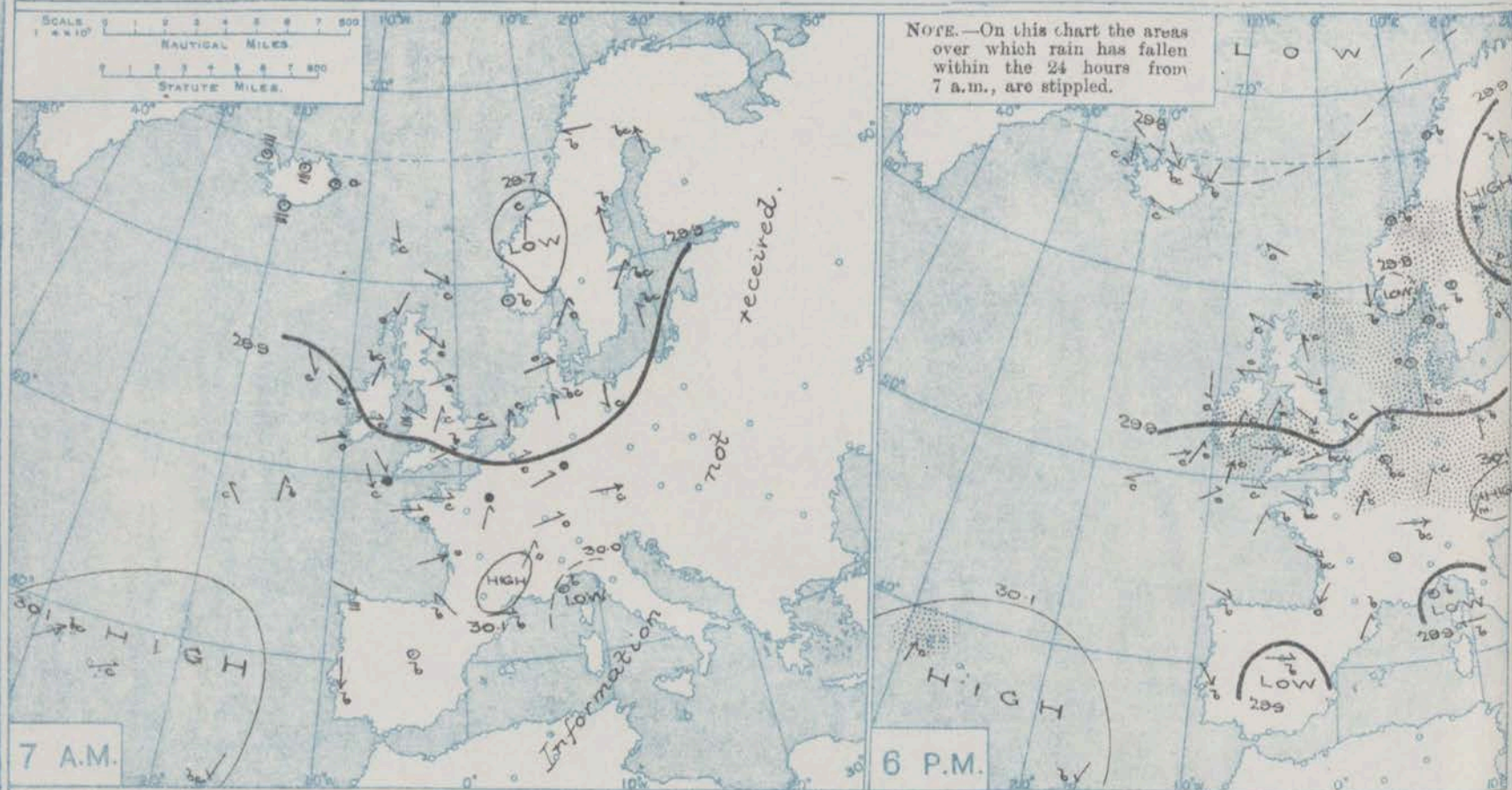
Monday,  
11th August 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.				
		At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Dry Bulb.	Dry Bulb.				Change since 4 a.m.	Change since Yester- day.	Max.	Min.						Mora'g. 7 a.m. to 1 p.m.	After'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.				
		In.	F.				In.	F.														Hours		
Lerwick ... ..		29.81	53	N	2	c	29.87	+0.3	48	-2	WNW	2	c	2	0.02	54	47	cp	cp	c. br.	0			
Stornoway ... ..		29.85	55	ESE	1	o	29.93	+0.3	51	0	NE	2	c	2	-	56	49	o	o	c. c.	0.0			
Castlebay (Barra Isd.)		29.86	55	WNW	1	o	29.93	+0.1	53	0	NNE	1	o	1	-	56	52	o	o	o.	0.0			
Glasgow ... ..		29.83	58	NW	2	b	29.89	+0.2	49	-2	S	1	c	1	-	61	45	c	bc	bc.	7.4			
Malin Head ... ..		29.85	56	E	2	cv	29.89	+0.1	54	+1	E	3	bv	1	-	60	51	bc	cv	c	0			
Blackod Point ... ..		29.82	59	N	1	o	29.88	+0.2	57	+1	-	0	o	1	0.05	62	54	bc	bc, mpc	ombr.	0			
Valencia ... ..		29.92	61	SW	3	o	29.92	+0.1	57	-1	NW	1	bc	3	0.23	63	56	cp	c	cp	0.0			
Roche's Point ... ..		29.93	60	W	2	o	29.91	-	58	+2	W	2	c	2	0.10	63	56	cp	cp	cp	0			
Birr Castle ... ..		29.84	61	SW	3	c	29.87	-	56	+2	SW	1	c	1	0.31	62	54	cm	mcp	cp	1.2			
Donaghadee ... ..		29.84	59	SSW	2	bc	29.87	+0.2	54	+2	NNE	2	c	2	-	59	51	c	bc	c. bc.	0			
Liverpool Obsy. ... ..		29.88	60	-	0	c	29.87	0.0	56	+1	SE	1	o	1	0.01	62	54	b	bc. o	bc.	7.1			
Holyhead ... ..		29.87	58	SW	3	omg	29.86	+0.2	59	+5	WSW	2	cm	1	0.12	63	53	o. bc.	c. bc.	bc. om.	2.0			
Pembroke (St. Ann's Hd.)		29.93	58	W	4	c	29.92	0.0	58	+1	WSW	3	cp	3	0.33	62	54	c	c	cp.	5.0			
Newquay ... ..		29.96	63	W	2	b	29.95	+0.1	60	-1	SW	1	o	2	-	64	55	b. cv	b. cv	bc. cv	11.4			
Scilly (St. Mary's) ... ..		29.98	63	W	3	c	29.95	+0.1	59	+1	SW	2	c	3	0.03	68	57	bc	bc	c	8.2			
Jersey (St. Aubin) ... ..		29.92	63	WNW	3	bc	29.94	-	60	0	WSW	3	c	3	-	65	56	bc	bc	bc.	10.5			
Portland Bill ... ..		29.93	61	WSW	6	bc	29.97	0.0	60	0	WSW	4	bc	4	-	64	59	c. bc	bc	bc.	0			
Dungeness ... ..		29.92	64	SW	5	bc	29.95	+0.1	61	+4	SW	4	o	4	-	65	56	c. bc	c. bc	bc.	0			
Dover ... ..		29.94	61	SW	4	b	29.99	-	58	-2	SW	3	o	5	-	65	55	b. bc	bc. bc	bc. bc.	7.5			
Wick ... ..		29.86	51	-	0	c	29.90	+0.1	49	4	W	1	c	2	0.12	53	43	cpd	c	c. c.	0			
Nairn ... ..		29.84	55	E	1	c	29.91	-	50	+1	-	0	o	0	-	60	45	v. bc.	v. bc.	o.	1.3			
Aberdeen ... ..		29.86	54	SSE	1	c	29.91	+0.2	49	0	WNW	2	o	2	0.01	59	47	o. c.	cp. bc.	c. o.	0.3			
Leith ... ..		29.81	61	WSW	3	o	29.87	+0.3	51	-1	WSW	2	c	2	-	64	48	c	c. o.	c. bc.	0			
North Shields ... ..		29.84	60	WNW	2	o	29.89	0.0	54	+3	W	1	c	2	-	61	51	c	o	c	0.4			
Spurn Head ... ..		29.87	61	-	0	bc	29.89	+0.1	57	+3	WNW	1	bc	2	-	63	51	c. b	bc	bc.	8.3			
Yarmouth ... ..		29.89	58	SE	3	c	29.89	0.0	56	+2	SW	2	c	1	-	62	52	bc	bc. c	c	3.2			
Clacton-on-Sea ... ..		29.88	65	N	2	c	29.92	+0.1	59	+5	WSW	2	c	2	-	67	53	c. bc. c	c	cp.	7.5			
Nottingham ... ..		29.87	62	WNW	2	c	29.88	-	56	+5	S	1	r	-	0.06	67	50	c	c	c	4.7			
Bath ... ..		29.98	64	W	3	b	29.95	-	59	+4	SW	2	ot	-	0.04	70	56	-	-	-	7.6			
London (Kew Obsy.) ... ..		29.91	67	WSW	2	bc	29.95	+0.1	58	+5	SW	2	o	-	0.01	69	52	bc	bc. bc	bc. bc.	7.9			
Spitzbergen ... ..		29.72	40	SW	3	o	29.76	+0.4	37	-	SW	3	o	-	-	41	36	-	-	-	-			
Isafjord ... ..		29.81	51	N	3	c	29.86	0.0	48	0	-	0	o	-	-	-	-	-	-	-	-			
Reykjavik ... ..		29.84	53	NW	1	o	29.89	+0.1	50	-1	-	0	o	-	-	-	-	-	-	-	-			
Vestmanna ... ..		29.82	52	ESE	2	c	29.88	+0.1	49	0	-	0	c	0	-	-	-	-	-	-	-			
Seydisfjord ... ..		29.80	63	NE	2	b	29.84	+0.2	49	+2	-	0	b	-	-	-	-	-	-	-	-			
Thorshavn ... ..		29.85	52	ESE	2	o	29.92	+0.3	51	+4	-	0	c	-	-	-	-	-	-	-	-			
Haparanda ... ..		29.94	55	S	2	b	30.10	+0.6	53	+1	SSE	2	b	-	-	63	52	-	-	-	-			
Hernösand ... ..		29.93	57	S	2	bc	30.03	+0.3	54	-5	NE	2	r	-	0.08	59	50	-	-	-	-			
Stockholm ... ..		29.91	57	SE	4	o	29.88	+0.1	58	-1	SSE	2	o	-	0.12	61	55	-	-	-	-			
Wisby ... ..		29.87	57	SSE	2	o	29.87	+0.2	59	-3	SE	2	c	-	0.39	66	52	-	-	-	-			
Karlstad ... ..		29.85	57	-	0	b	29.89	0.0	55	-	-	0	o	-	-	64	50	-	-	-	-			
Færder (X'landia Fjord) ... ..		29.80	57	S	2	c	29.82	0.0	55	-2	SE	2	r	2	0.20	59	54	-	-	-	-			
Bodö ... ..		29.85	57	-	0	b	30.02	+0.2	54	+4	E	1	b	1	-	57	43	-	-	-	-			
Christiansund ... ..		29.82	52	-	0	b	29.89	+0.2	50	0	-	0	b	2	0.04	52	46	-	-	-	-			
Skudesnaes ... ..		29.80	53	N	2	b	29.83	+0.1	53	+3	NE	2	b	2	-	55	41	-	-	-	-			
The Scaw (Skagen) ... ..		29.82	54	-	0	o	29.81	0.0	50	-5	NW	3	o	1	1.42	61	50	-	-	-	-			
Blaavands Huk ... ..		29.83	55	-	0	o	29.88	+0.1	56	-2	-	0	c	0	0.04	61	50	-	-	-	-			
Cuxhaven ... ..		29.84	57	S	2	o	29.93	+0.2	54	+3	W	2	r	0	0.04	66	51	-	-	-	-			
The Helder ... ..		29.92	58	WNW	2	c	29.90	+0.1	57	+2	E	1	r	1	0.08	62	52	-	-	-	-			
Brussels ... ..		29.97	53	-	0	bc	30.00	0.0	55	0	SW	2	c	-	0.04	66	50	-	-	-	-			
Berlin ... ..		29.90	60	S	2	b	29.99	+0.2	57	-1	S	2	c	-	0.04	68	50	-	-	-	-			
Frankfurt ... ..		30.00	57	SW	1	c	30.05	+0.2	56	+2	SW	1	o	-	0.04	66	54	-	-	-	-			
Munich ... ..		30.12	51	SW	3	m	30.13	+0.1	56	+1	SW	3	c	-	0.08	63	46	-	-	-	-			
C. Gris Nez ... ..		29.95	62	WSW	5	bc	29.97	+0.2	60	+3	WSW	5	c	4	-	66	57	-	-	-	-			
La Hève ... ..		30.00	59	WNW	3	o	30.02	-	56	-1	SW	3	bc	4	-	66	54	-	-	-	-			
Brest (St. Mathieu) ... ..		30.07	63	SW	2	b	30.02	-0.1	59	0	SSE	3	bc	2	-	73	59	-	-	-	-			
Lorient (Roc Malen) ... ..		?	65	W	4	c	?	-	57	-5	N	3	c	-	-	68	55	-	-	-	-			
Rochefort (Ile d' Aix) ... ..		30.07	65	WNW	3	bc	30.08	-0.1	60	-3	ESE	3	c	-	-	72	55	-	-	-	-			
Biarritz ... ..		30.02	68	NNE	4	b	30.04	-0.1	63	+1	ESE	1	c	0	-	72	59	-	-	-	-			
Paris ... ..		30.01	61	-	0	c	30.06	+0.2	59	+2	-	0	b	-	0.12	70	52	-	-	-	-			
Belfort ... ..		30.08	59	N	4	bc	30.17	-	54	+2	-	0	c	-	-	66	48	-	-	-	-			
Lyons ... ..		30.09	64	-	0	o	30.15	-	57	+1	-	0	b	-	-	73	52	-	-	-	-			
Nice ... ..		29.89	73	-	0	b	30.08	+0.2	64	-4	-	0	b	1	-	52	57	-	-	-	-			
Perpignan ... ..		30.03	72	SSW	1	b	30.06	0.0	65	-2	-	0	bc	3	-	78	54	-	-	-	-			
Sanguinaire ... ..		30.03	71	W	2	b	30.02	-	?	?	E	2	b	-	-	?	64	-	-	-	-			
Corunna (S. m.) ... ..		30.03	60	WNW	1	b	30.01	0.0	53	-2	SW	1	o	2	-	66	52	-	-	-	-			
Lisbon (S. m.) ... ..		30.06	64	WNW	6	b	30.10	+0.3	68	+2	WNW	3	b	5	-	77	63	-	-	-	-			
Gibraltar ... ..		30.00	73	SE	3	c	30.03	-	68	-	E	1	o	1	-	76	64	-	-	-	-			
Azores (Horta S. m.) ... ..		30.13	74																					

\* Information for these columns not usually received.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 10<sup>th</sup> August.



GENERAL INFERENCE

## WEATHER PROSPECTS.

With the irregular distribution of pressure now prevailing the weather will

remain of an unsettled type generally.

### FORECASTS FOR THE 24 HOURS NOON MONDAY

### TO NOON TUESDAY

0 { a } Calms and light variable breezes; dull to fair, some rain, misty in places; rather cool.

1 { b }

2 { a } Wind between S. and S.W.,

3 { b } mostly light in force; dull to

4 { a } fair, some rain and mist, local

5 { b } thunder; cool.

#### FORECAST DISTRICTS.



#### STORM WARNINGS.

The Coasts upon which the Warning Signals are at present hoisted are indicated thus.

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

NO WARNINGS ISSUED.

6 { a } Same as Nos. 0 & 1.

7 { b }

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

9 { b }

10 { a } Same as Nos. 0 & 1.

11 { b }

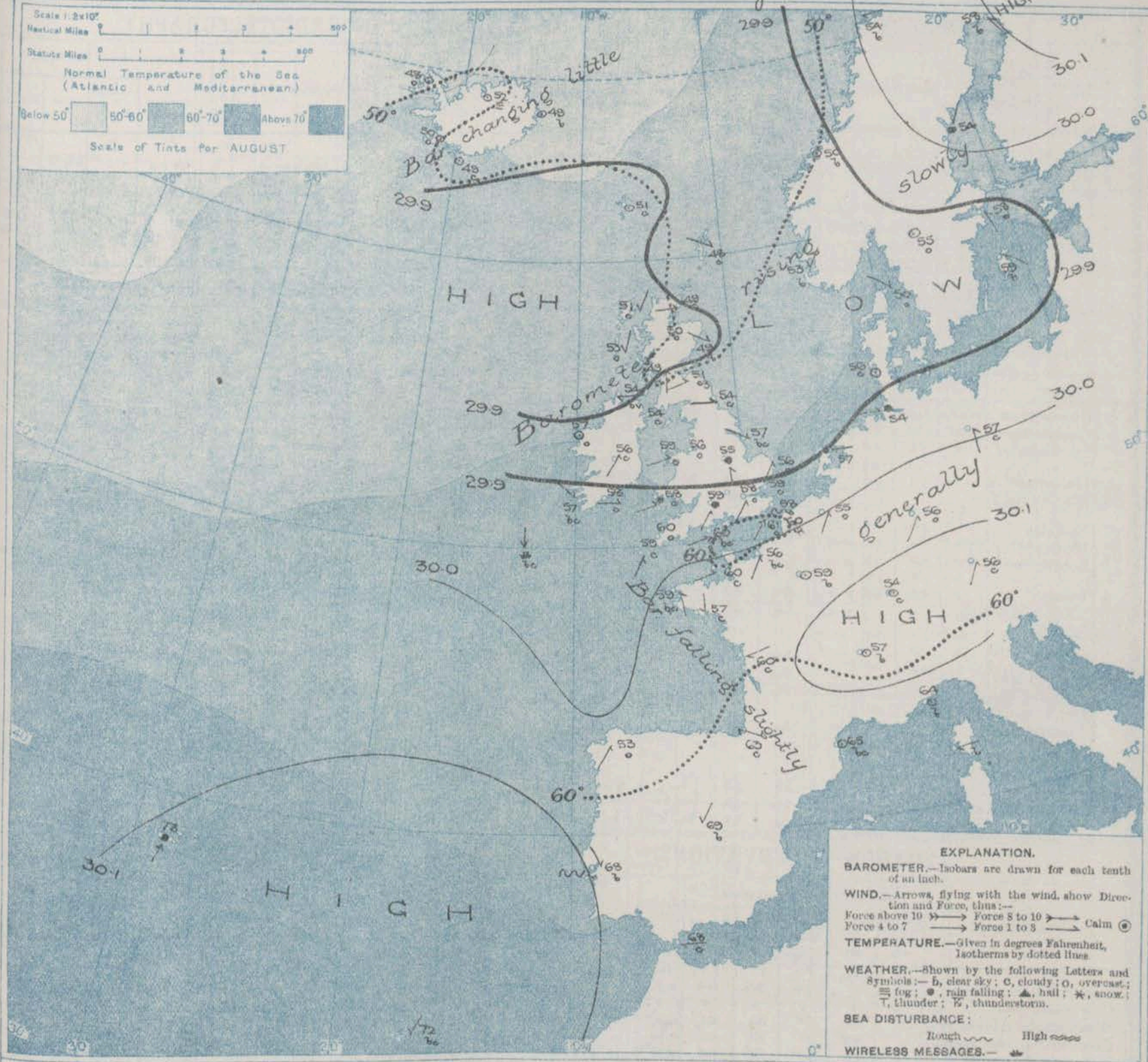
#### 11 WESTERN CHANNEL AND BAY.

Light to moderate S.W. to S.E. breezes; sea smooth to moderate; fair to dull, some rain, local mist or fog; cool.

THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Monday, 11<sup>th</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.1 in. at the Azores, between Central France and Bavaria, and over Lapland. The rest of our area is covered by an extensive shallow depression, with the barometer below 29.9 in. The gradient is very slight.

Calms and very light variable breezes prevail. Over the British Isles temperature ranges from 48° at Lerwick to 61° at Pungness; on the Continent from 50° at Christiansund and Skagen to 68° at Gibraltar; and in Iceland from 48° to 52°. At

Spitzbergen the reading is 37°. The weather is fine and clear in various parts of France and Scandinavia, but generally it is very cloudy to overcast and dull, and rain is falling in several parts of England, the Low Countries and Southern Sweden. At Gibraltar there is a heavy levanter, and a fog lies over the Strait. The sea is moderate to very smooth.



## DAILY WEATHER REPORT.

Monday, 11th August 1913.

## 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.	
11th Jan. 49 12	49	12	Marquette	H	29.58	-0.02	N	4-5	bc	10th Jan. 49 14	49	14	Vaderland	H	29.00	+0.01	SSW	1-3	b.
10th 6pm 49 16	49	16	do	H	29.87	0.00	ENE	1-3	c	" 49 14	49	14	Hamilton	O	?	-0.03	SW	1-3	b.
" 51 11	51	11	Royal George	O	29.87	-0.02	WSW	4-5	c	" 55 13	55	13	Panama	O	29.87	0.00	NNW	1-3	c
" 49 9	49	9	Vaderland	H	29.99	-0.01	SW	1-3	c	" 49 13	49	13	Andania	H	?	+0.02	SW	4-5	c
" 50 8	50	8	Andania	H	?	+0.02	SSW	4-5	c	" 49 7	49	7	St Paul	O	29.96	+0.01	NNW	4-5	c
7a.m. 48 19	48	19	Marquette	H	29.88	0.00	SE	1-3	c										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	...	...	...	...	...	...	England, S.E.	Margate	...	66	50	b	bc.	5.7
	Stonehaven	0.04	56	43	op	p.o.	0.2		Ramsgate	0.30	63	48	"	bc.	5.7
	Carnoustie	0.03	60	46	"	"	0.4		Folkestone	-	65	52	bc	bc.	5.7
	St. Andrews	...	...	...	...	...	...		Hythe	...	...	...	bc	bc.	5.7
England, N.E.	Harrogate	...	62	44	bc.c	c.bc.	3.8	England, S.W.	Littlestone	...	...	...	bc	bc.	9.0
	Scarborough	...	58	50	c	c.	5.0		Hastings	...	47	50	b.bc	bc.	9.0
England, N.W.	Douglas	...	59	47	c	c.	0.6		Bexhill-on-Sea	...	66	52	bc	bc.	9.0
	Blackpool	...	62	50	c	c.	5.0		Eastbourne	...	47	52	b	b.bc.	10.2
	Southport	0.03	63	52	bc	bc.	8.0	England, S.W.	Seaford	...	...	...	bc	bc.	9.0
Mid-lands.	Buxton	0.04	59	43	bc.c	bc.	4.2		Brighton	...	66	51	bc.c	bc.	9.0
	Leamington Spa	0.01	66	47	c	c.	5.5		Worthing	...	66	50	bc	bc.	9.0
	Malvern	...	...	...	...	...	4.5		Littlehampton	...	...	...	bc	bc.	9.0
Wales.	Rhyl	...	62	44	bc.c	c.bc.	5.8	England, S.W.	Southsea	...	68	44	b	b.bc.	8.0
	Colwyn Bay	...	64	49	b	b.bc.	6.0		Ryde	...	...	...	bc	bc.	8.0
	Llandudno	...	66	51	b	bc.c.	5.6		Ventnor	...	68	51	bc.c	bc.	5.5
	Bettws-y-Coed	...	...	...	...	...	...		Bournemouth	0.11	68	51	bc.c	bc.	5.5
England, E.	Aberystwyth	...	64	51	c.b	b.o.	6.8	England, S.W.	Weymouth	...	69	55	bc	bc.	8.0
	Lowestoft	...	...	...	...	...	...		Exmouth	...	...	...	bc	bc.	8.0
	Felixstowe	...	66	53	bc	bc.	8.3		Teignmouth	...	69	56	cp	b	5.0
	Walton-on-Naze	...	65	52	bc.c	bc.c.	4.1		Torquay	0.02	69	56	bc	b	6.0
England, E.	Southend-on-Sea	...	70	52	bc.b	bc.	9.5	England, S.W.	Paignton	...	70	55	bc.b	b	6.0
		...	...	...	...	...	...		Falmouth	0.01	68	53	c	c.b	8.0
		...	...	...	...	...	...		Bude	...	67	57	bc	bc.	8.0
		...	...	...	...	...	...		Ilfracombe	0.01	63	54	c.bc	bc.c.	8.0
		...	...	...	...	...	...		Weston-super-Mare	0.03	67	52	b.bc.b	bc.b	9.0

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.	STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.		
			Max.	Min.															
					24 HOURS ENDED 9 A.M. TO-DAY.														
%	%	F.	F.	F.	In.				Hr.		In.	F.	F.	F.					
Greenwich (Royal Obsy.) ...	46	51	72	55	44	0.04	bc	bc.c	bc.op	7.7	Dublin to 4 p.m.	in.	-	53	52	c.c.	bc.o	-	
City (Banhill Row) ...	"	"	"	"	"	"	"	"	"	7.4	Plymouth to 9 p.m.	"	"	"	"	"	"	"	
Westminster (St. James's Pk.)	51	91	70	50	51	0.05	bc	bc	bc.c	8.5	Darwen	"	"	"	"	"	"	"	
Camden Sq. (Brit. Rainfall)	-	82	71	55	52	0.10	bc	bc	c.or	6.6	Manchester	"	"	"	"	"	"	"	
Hampstead (Reservoir) ...	"	90	68	55	45	0.11	bc	or	c	8.0	Birmingham	"	64	48	40	b	b	c	
Kew. (See front page.)											Oxford to 8 p.m.	"	68	47	44	c.b	b.bc.c	bc.c	
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.																			
			Total.		Mean Rate.		Max. Rate.												
S. Kensington (Roof of M.O.)	-	89	1553	Joules.	29.0	Milliwatts.	83	Milliwatts.	8.0	S. Kensington (Museum Grounds to 6 p.m.)		70	50	42	bc	bc.c	c.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 Aug. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.30 4.52	G.M.T. 11.59 11.58	G.M.T. 7.26 7.24
Greenwich ...	4.40 4.42	12.5 12.5	7.30 7.28
Wick ...	4.26 4.29	12.17 12.17	8.3 8.5
Valencia ...	5.19 5.21	12.46 12.46	8.14 8.12

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 70° at Bath, Paignton, Southend and in London, but in the north several stations failed to pass 60°, with only 53°. Rain has fallen in several localities mostly in very small amounts. The duration of bright sunshine was very variable; several stations had none or less than an hour, Newquay 1½ hours. As far west as the 20th meridian ships experienced light variable breezes, and fine to dull weather.

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

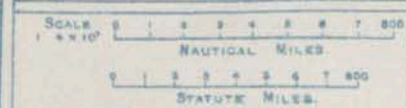
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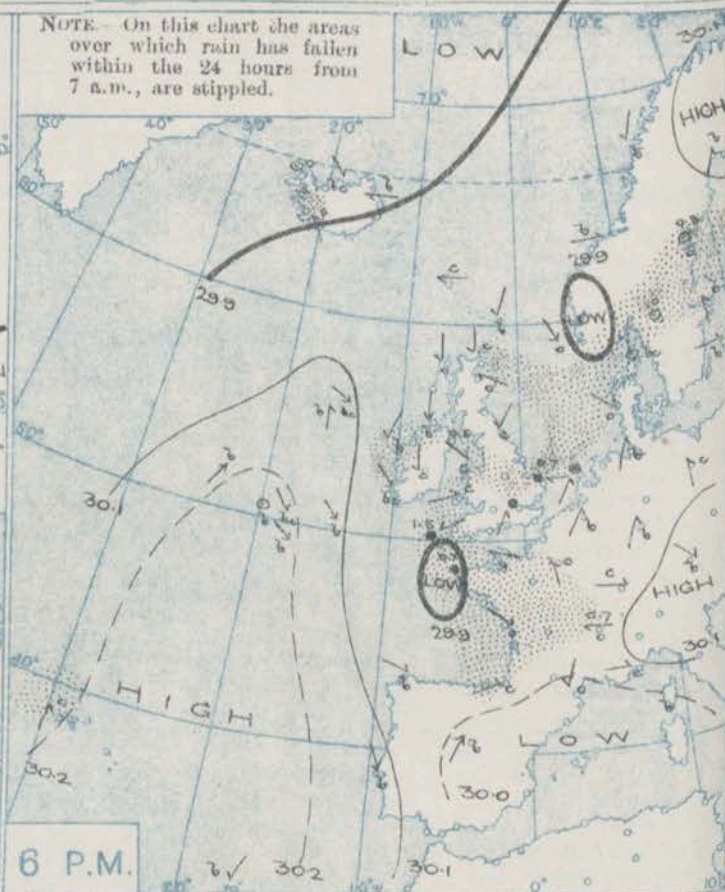
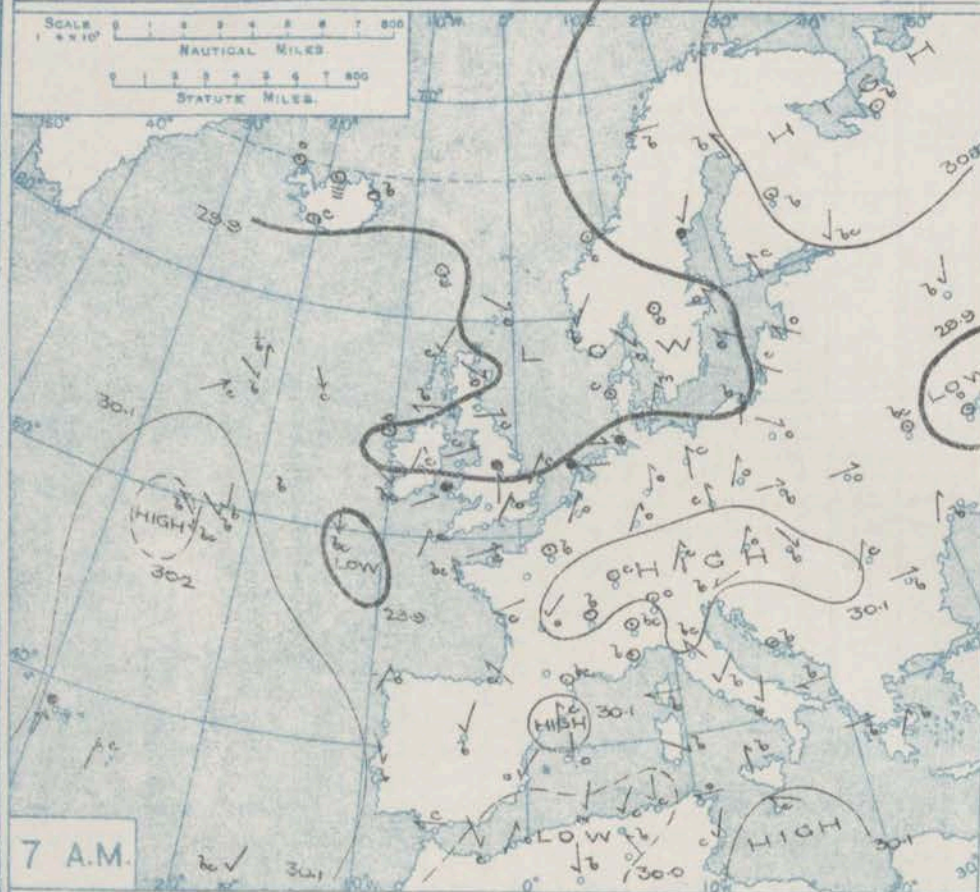
† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 11<sup>th</sup> AUGUST.



NOTE - On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



## GENERAL INFERENCE

During the coming 24 hours the weather conditions will be influenced mainly by an anticyclone in the southwest, but our

## WEATHER PROSPECTS.

extreme northwestern coasts will be affected to some extent by a disturbance over Iceland.

## FORECASTS FOR THE 24 HOURS NOON TUESDAY

## TO NOON WEDNESDAY

- 0 { a } Light N.W. breezes, backing  
 { b } S.W. and freshening; fair or fine to  
 dull, some rain later; cool.

- 1 { a } Light Variable N. breezes,  
 { b } backing S.W. and freshening; fine  
 to cloudy, cool.

- 3 { a } Light to moderate breezes between  
 { b } N.E. and N.W.; dull to fair or  
 fine, with local mist; rather  
 cool.

- 4 { a } N.E. and N.W.; dull to fair or  
 { b } fine, with local mist; rather  
 cool.

## 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.

- 6 { a } Same as No 0.  
 { b }

- 7 { a } Light to moderate breezes  
 { b } between N.E. and S.W.; dull to  
 fair or fine, some mist; cool.

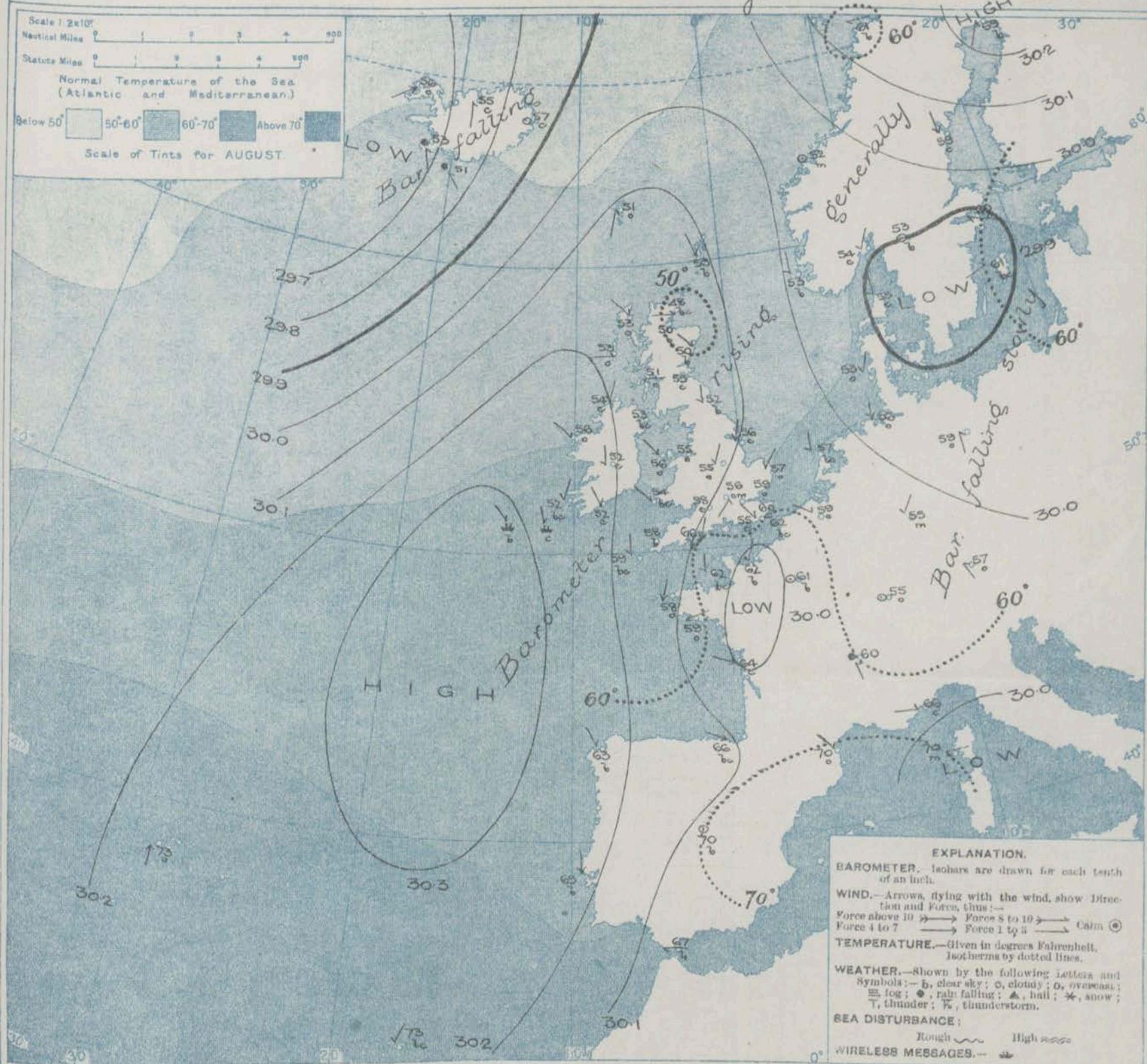
- 9 { a } Light Variable N. breezes,  
 { b } backing S.W. and freshening; fine  
 to cloudy, some showers later, local  
 mist; cool.

- 11 WESTERN CHANNEL AND BAY.  
 Light to moderate breezes between  
 N.E. and N.W.; sea smooth to moderate;  
 dull to fine, local mist or fog; cool.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Tuesday, 12<sup>th</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.3 in. in an anticyclone centred off the southwest of Ireland, and above 30.2 in. in another over Lapland. It is below 29.7 in. in Western Iceland, and 29.9 in. over Southern Sweden. There is a considerable gradient in the Iceland region, elsewhere it is very slight.

Light N.E. breezes prevail over the British Isles, S.W. in Iceland, calms and variable breezes in other countries. At the home stations

temperature ranges from 48° at Wick to 62° at Jersey; on the Continent from 52° at Christiansund to 70° at Perpignan and Madrid; and in Iceland from 51° to 57°. At Spitzbergen the reading is 40°. Rain is reported at Lyons and in Southern Iceland, the weather in other regions varying from cloudless to overcast. The sea is slight to very smooth on all coasts.



## DAILY WEATHER REPORT.

Tuesday, 12th August 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward H Inward H	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward H Inward H	BAROMETER.		WIND.		WEATHER.
	Lat.	Long.			Reading.	Change in 3 hours.	Dir.	Force.			Lat.	Long.			Reading.	Change in 3 hours.	Dir.	Force.	
12th 7 a.m.	51	13	Campania	H	30.32	+0.02	W	1-3	b	12th 7 a.m.	54	23	Campania	H	30.02	+0.01	SW	4-5	c
" 11 50 p.m.	51	11	Campania	H	30.24	+0.02	W	1-3	c	" 11 50 p.m.	54	23	Campania	H	30.06	+0.01	SW	4-5	c
" 11 50 p.m.	51	22	Royal George	H	30.15	-0.01	SW	4-5	b	" 11 50 p.m.	45	22	Royal George	H	30.13	+0.05	N	1-3	b
" 11 50 p.m.	50	19	Campania	H	30.29	+0.01	W	1-3	b	" 11 50 p.m.	47	21	Campania	H	30.14	+0.00	N	1-3	b
" 11 50 p.m.	50	17	Campania	H	30.22	+0.03	W	1-3	b	" 11 50 p.m.	49	21	Campania	H	30.18	+0.04	NW	1-3	b
" 11 50 p.m.	50	14	Campania	H	30.30	+0.08	W	4-5	b	" 11 50 p.m.	56	20	Campania	H	30.29	+0.00	N	1-3	b
" 11 50 p.m.	50	14	Campania	H	30.28	0.00	W	1-3	b	" 11 50 p.m.	55	20	Campania	H	30.22	+0.06	NW	1-3	b
" 11 50 p.m.	50	13	Campania	H	30.10	+0.03	NW	4-5	b	" 11 50 p.m.	51	17	Campania	H	30.21	+0.05	NW	1-3	b
" 11 50 p.m.	50	13	Campania	H	30.11	+0.02	NW	4-5	b	" 11 50 p.m.	55	16	Campania	H	29.99	+0.02	NNW	4-5	c
" 7 a.m.	49	22	Campania	H	30.22	+0.01	ENE	1-3	b	" 7 a.m.	55	16	Campania	H	29.99	+0.02	NNW	4-5	c

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland, Oban	-	63	45	b	b	10.3	Margate	0.02	69	55	b.c.	b.c.	2.7
Stonehaven	-	57	46	cg	cg	0.5	Ramsgate	0.03	69	54	"	"	4.0
Carnoustie	0.07	60	50	"	"	2.5	Folkestone	0.01	64	55	"	v.b.c.	5.2
St. Andrews	-	60	53	b.c.	b.c.	2.5	Hythe	-	-	-	-	-	-
England, Harrogate	-	65	45	b.c.	c.	3.8	Littlestone	-	-	-	-	-	-
Scarborough	-	66	52	c.	c.	6.5	Hastings	0.01	68	55	op.b.c.	b.c.	6.3
England, Douglas	-	62	53	c.	b.c.	4.0	Bexhill-on-Sea	-	65	56	o.b.c.	b.c.	6.5
Blackpool	-	65	51	jc	b.c.	4.7	Eastbourne	-	67	57	"	b.c.	5.7
Southport	0.04	63	49	o.c.	b.c.	5.5	Seaford	-	65	58	c.	b.c.	5.8
Mid-lands, Buxton	0.06	62	44	b.c.	b.c.	0.9	Brighton	-	66	57	c.	c.b.c.	5.6
Leamington Spa	0.03	70	43	"	"	2.7	Worthing	-	66	55	c.	"	-
Malvern	-	-	-	-	-	1.5	Littlehampton	-	-	-	-	-	-
Wales, Rhyl	0.58	63	54	o.c.	b.c.	2.3	Southsea	-	70	57	b.c.	b.c.	6.6
Colwyn Bay	0.48	67	-	p.b.c.	b.c.	3.3	Ryde	-	68	62	b.c.	b.c.	6.0
Llandudno	0.57	66	55	c.	b.c.	3.2	Ventnor	-	-	-	-	-	-
Bettws-y-Coed	-	-	-	-	-	-	Bournemouth	-	68	56	b.c.	b.c.	6.6
Aberystwyth	0.29	65	56	o.c.	c.b.c.	1.2	Weymouth	-	69	57	b.c.	c.	4.7
Tenby	0.61	64	57	o.d.	c.	0.5	Exmouth	-	67	62	"	c.b.c.	2.0
England, Lowestoft	0.04	62	54	c.o.p.c.	c.optl.	1.5	Teignmouth	0.02	69	56	c.	"	0.3
Felixstowe	-	72	56	o.c.m.u.	b.c.u.	3.4	Torquay	0.01	67	56	"	c.	1.3
Walton-on-Naze	-	71	55	o.c.m.u.	aug.r.	1.9	Paignton	0.04	67	55	o.b.c.	c.	0.4
Southend-on-Sea	0.03	70	56	p.b.c.	b.c.	4.0	Falmouth	0.22	65	54	c.	o.	0.4
							Bude	0.09	67	57	"	"	0.3
							Ilfracombe	0.15	64	57	o.c.	"	0.3
							Weston-super-Mare	0.07	66	57	op.b.c.	b.c.	0.6

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.		Sunshine for Yesterday.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
	7 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.				In Screen.	Night Min. on Grass.	Night.	Forenoon.	
Greenwich (Royal Obs.)	56	92	75	51	4.2	o	c.b.c.	0.9	Dublin to 4 p.m.	0.23	63	57	56	op.c.	0.4
City (Bunhill Row)	"	"	"	"	"	"	"	1.8	Plymouth to 9 p.m.	0.02	65	57	51	c.b.v.	0.3
Westminster (St. James's Pk.)	71	94	71	53	4.6	"	"	1.8	Darwen	"	67	50	46	o.c.	0.4
Camden Sq. (Brit. Rainfall)	58	83	73	52	5.0	"	"	1.6	Manchester	"	"	"	"	"	"
Hampstead (Reservoir)	"	86	68	53	5.4	0.05	op	1.4	Birmingham	0.19	69	54	49	p.	0.4
Kew. (See front page.)	"	"	"	"	"	"	"	"	Oxford to 8 p.m.	"	70	55	54	cm.or	0.4
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.															
Total.			Mean Rate.		Max. Rate.				S. Kensington (Museum Grounds to 6 p.m.)						
909			Joules.		17.0 Milliwatts.		73 Milliwatts.		0.04						
S. Kensington (Roof of M.O.)	53	89	70	56	4.2	o	c.b.c.	1.3			71	56	47	b.c.	0.4

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

	12th & 13th Aug. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T.	G.M.T.	G.M.T.	
	4.32	11.58	7.24	
	4.34	11.58	7.22	
Greenwich	4.42	12.5	7.28	
	4.44	12.5	7.26	
Wick	4.29	12.17	8.5	
	4.31	12.17	8.3	
Valencia	5.21	12.46	8.12	
	5.23	12.46	8.10	

During yesterday many of the maximum temperatures in northern and western districts were as low as 54° to 60°, and only a few places in the south turned 70°. Rain fell in several localities, slight showers as a rule, but Yarmouth had  $\frac{3}{4}$  in, and Selly 1½ in. Bright sunshine was very variable, some stations had none, Oban over 10 hours. As far west as the 26th meridian ships experienced light variable N.W. breezes, backing S.W. in the west, with fine weather.

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

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrapping.



1913.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,  
13th August, 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
	At 32° Fabr. and M.S.L. Lat. 46°.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 32° Fabr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).	Weather.			Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.				
BRITISH ISLANDS.	Lerwick ... ..	In. 30.11	F. 57	WNW	2	bc	In. 29.96	-0.3	52	-1	SSE	1	c	1	In. 30.11	F. 59	46	bc	bc	bc	Hours		
	Stornoway ... ..	30.11	56	SW	2	o	29.87	+0.1	56	+3	W	4	o	4	0.06	57	52	c.o	o	o	0.4		
	Castlebay (Barra Isd.)	30.14	56	SW	3	o	29.94	+0.2	55	+2	WNW	2	om	2	0.14	58	53	o.c.o	o	o	1.9		
	Glasgow ... ..	30.17	56	W	2	o	29.99	-0.5	53	+2	SW	2	r	2	0.01	64	51	c.bc	bc	c	4.3		
	Malin Head ... ..	30.19	57	N	1	o	29.98	.00	57	+3	NNW	4	cm	3	0.05	60	53	c	cy	omf	1		
	Blacksod Point ...	30.22	61	W	2	o	30.08	+0.3	59	+3	W	1	T	2	0.17	62	55	cy	cy	omf	1		
	Valencia ... ..	30.32	61	WSW	2	c	30.20	-0.2	61	+4	WSW	3	om	4	0.10	63	51	bc	cy	omf	4.8		
	Roches Point ... ..	30.31	63	NW	1	o	30.24	.00	61	+4	WSW	3	o	3	Trace	64	51	c.o	o	o	1		
	Birr Castle ... ..	230.26	61	W	1	c	30.15	.00	60	+8	SW	1	r	1	0.11	62	51	a	c	o	0.5		
	Donaghadee ... ..	30.23	57	NNW	1	cy	30.03	-0.6	57	+4	SW	2	o	1	0.03	62	53	bc	cy	omf	1		
SCANDINAVIA.	Liverpool Obsy. ...	30.20	60	WNW	3	o	30.12	-0.3	57	+2	SW	2	o	3	Trace	64	55	c	b.o	o	5.6		
	Holyhead ... ..	30.23	58	NW	1	om	30.12	-0.3	55	-1	WSW	6	odm	5	0.12	64	54	o.c.m	bc	omf	2.8		
	Pembroke (St. Ann's Hd.)	30.25	56	NW	2	c	30.22	-0.3	57	+3	W	3	rm	3	0.02	61	54	bc	bc	c	9.4		
	Newquay ... ..	30.27	58	NW	4	c	30.26	.00	60	+2	W	3	o	3	-	60	57	bc	bc	cy	10.1		
	Scilly (St. Mary's) ...	30.31	59	NNW	4	c	30.28	.00	60	+1	WNW	4	c	4	-	63	55	bc	bc	c	7.5		
	Jersey (St. Aubin) ...	30.23	67	W	3	b	30.27	.00	60	-2	NW	3	ow	3	-	71	57	bc	bc	bc	12.8		
	Portland Bill ... ..	30.20	65	W	3	bc	30.23	+0.1	59	-1	NW	3	c	3	-	70	57	bc	bc	bc	4		
	Dungeness ... ..	30.10	60	ESE	5	c	30.19	-0.2	60	+5	WSW	4	om	4	0.05	63	50	o.c	c	c	1		
	Dover ... ..	?	58	NE	3	b	?	.00	58	-2	SW	3	r	4	0.04	65	48	c.o.c	c	bc	5.2		
	GERMANY, &c.	Wick ... ..	30.14	54	S	1	c	29.92	-0.4	53	+5	SSE	1	or	2	0.07	56	48	bc	bc	omf	1	
Nairn ... ..		30.12	60	-	0	c	29.93	.00	53	+3	-	0	r	1	0.06	64	48	b	v.b.c	o	9.3		
Aberdeen ... ..		30.16	56	SE	2	c	29.96	-0.5	54	+4	S	1	o	2	0.02	64	50	b.b.c	bc	o	5.5		
Leith ... ..		30.13	60	NE	1	o	29.98	-0.6	54	-1	S	2	of	2	0.05	63	53	a.b.c	bc	o	10.9		
North Shields ... ..		30.20	56	ESE	2	c	30.06	-0.3	57	+5	WSW	2	o	2	-	60	52	c	bc	o	9.1		
Spurn Head ... ..		30.18	57	N	2	c	30.09	.00	58	+2	W	4	cy	3	-	62	53	bc	c	bc	7.3		
Yarmouth ... ..		30.19	59	WNW	2	bc	30.12	.00	55	-2	W	1	o	1	-	63	52	bc	bc	bc	3.8		
Clacton-on-Sea ... ..		30.19	59	E	2	c	30.14	-0.2	57	-2	W	2	o	2	0.01	63	53	og.bc	bc	o	2.8		
Nottingham ... ..		30.18	62	NE	1	o	30.14	.00	55	0	WSW	2	om	1	-	67	54	o.c	cy	o	5.2		
Bath ... ..		30.21	67	-	0	bc	30.21	.00	57	-1	-	0	o	1	-	71	55	o.b.c	b	bc	2.0		
FRANCE.	London (Kew Obsy.)...	30.20	66	N	2	c	30.18	-0.1	58	+2	SW	2	om	1	-	68	55	om.o	o	bc	2.0		
	Spitzbergen ... ..	29.96	41	SW	4	o	30.02	+0.2	42	+2	SW	4	o	1	-	43	39						
	Isafjord ... ..	29.44	53	SSE	5	r	29.60	+0.8	51	-5	SW	3	o	1	-								
	Reykjavik ... ..	29.42	56	S	4	o	29.73	+0.7	49	-4	SW	2	o	1	-								
	Vestmanna ... ..	29.47	51	SW	3	r	29.73	+0.4	48	-3	SW	1	o	2	-								
	Seydisfjord ... ..	29.72	60	SW	4	c	29.67	-0.7	53	-4	E	2	c	1	-								
	Thorshavn ... ..	30.06	53	S	2	o	29.84	-0.2	51	0	SSE	3	r	1	-								
	Haparanda ... ..	30.12	58	NW	2	b	30.12	.00	62	+4	NE	4	b	1	-	75	45						
	Hernösand ... ..	29.97	60	NE	6	c	29.92	+0.1	57	-2	NE	4	r	1	0.04	64	55						
	Stockholm ... ..	29.83	58	WSW	2	o	29.77	.00	55	-5	ESE	2	r	1	0.59	64	52						
PORTUGAL, &c.	Wisby ... ..	29.82	52	-	0	b	29.76	-0.1	59	-2	SW	2	bc	1	0.28	64	50						
	Karlstad ... ..	29.83	52	-	0	t	29.76	.00	55	+2	E	2	c	1	0.43	63	50						
	Færder (X'tania Fjord)	29.84	56	W	2	r	29.77	.00	55	+1	NE	4	o	2	0.20	59	54						
	Bodö ... ..	30.13	64	E	1	b	30.10	.00	62	+1	E	1	b	1	-	70	55						
	Christiansund ... ..	29.98	62	ESE	1	b	29.89	-0.1	59	+7	SE	1	b	2	-	63	52						
	Skudesnaes ... ..	29.95	53	N	4	o	29.89	-0.1	51	-2	N	4	o	2	-	57	50						
	The Scaw (Skagen)...	29.88	54	NW	2	r	29.74	-0.1	57	+2	N	3	c	0	0.35	57	50						
	Blaavands Huk ... ..	29.97	55	NW	1	c	29.87	+0.1	57	+4	NW	4	o	3	0.04	59	52						
	Cuxhaven ... ..	29.99	57	W	4	o	29.95	-0.2	57	+1	WNW	4	or	2	0.04	61	54						
	The Helder ... ..	30.14	58	NW	4	bc	30.10	-0.1	59	+2	W	3	c	1	-	61	57						

## GALES.

Duration and Extreme Force  
on British Coast.

\* Information for these columns not usually received.

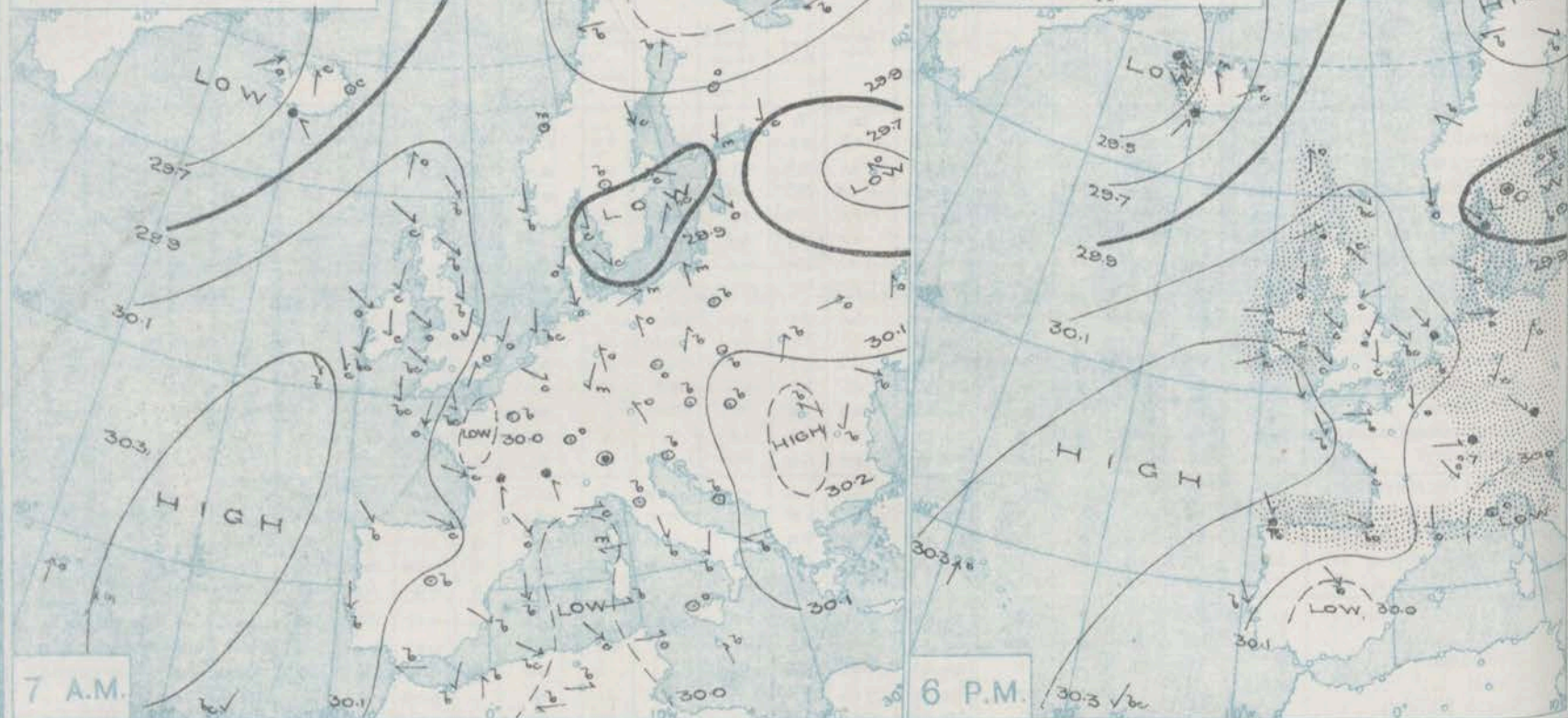
† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 12<sup>TH</sup> AUGUST.

SCALE  
NAUTICAL MILES  
STATUTE MILES

NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



GENERAL INFERENCE

## WEATHER PROSPECTS.

A secondary disturbance between the Hebrides and Iceland will occasion a

changeable state of the weather over this country during the ensuing 24 hours.

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

0 {  
1  
2 {  
3  
4 {  
5

light to moderate breezes  
between S.W. and N.W.; dull,  
some rain, local mist, fair  
intervals later; cool.

### 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

6 {  
7 {  
8 {  
9 {  
10 {

Same as Nos. 0 to 5.

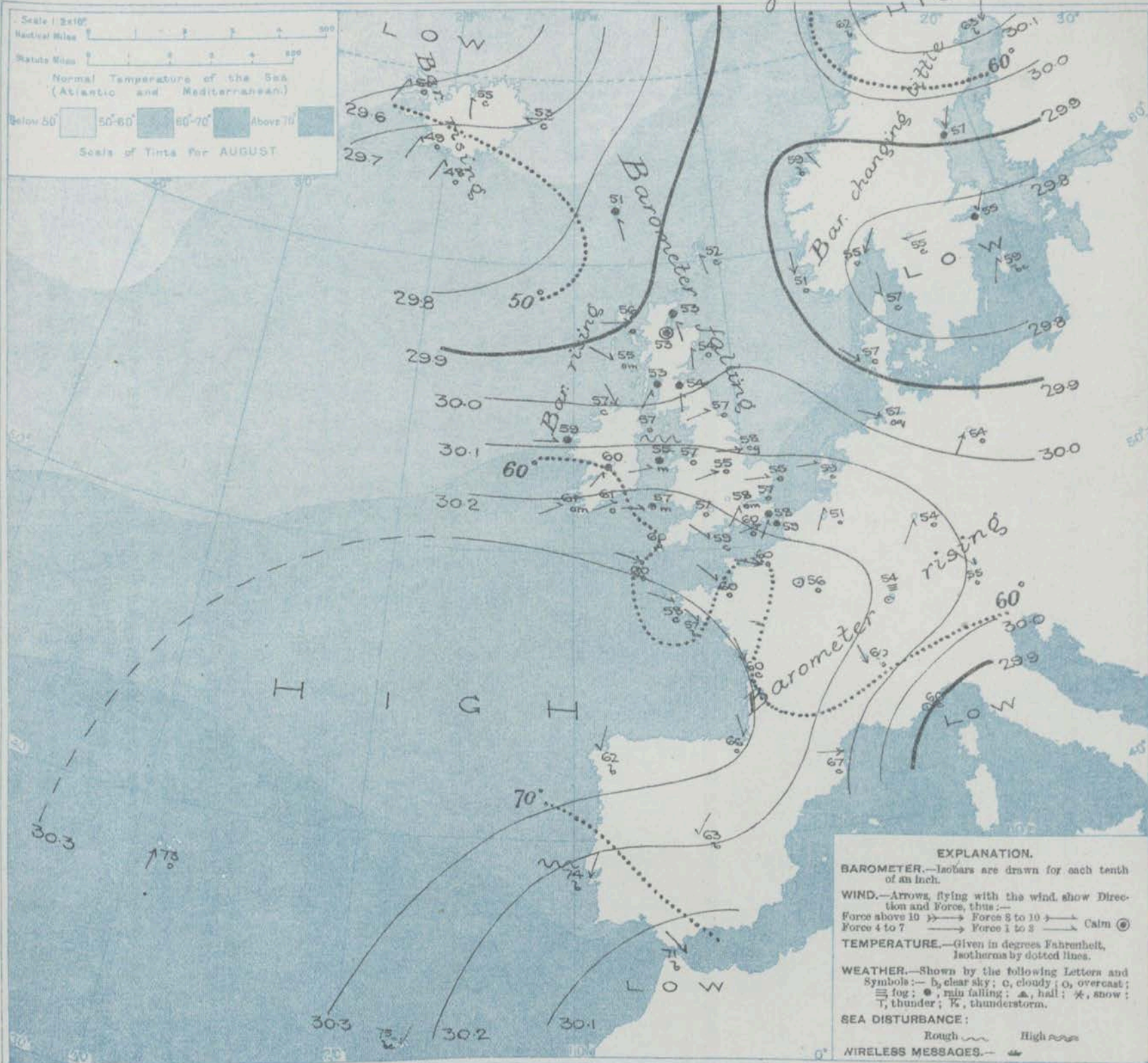
### 11 WESTERN CHANNEL AND BAY.

light to moderate S.W. to W. breezes; sea smooth to moderate; dull to fair, some showers, local mist or fog; cool.

THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Wednesday, 13<sup>th</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The central space of an anticyclone, with the barometer above 30.3 in., extends from Western France to and beyond the Azores. In another anticyclone over Lapland pressure is above 30.1 in. The barometer is at 29.6 in. in a depression between Iceland and Greenland, and below 29.8 in. in another over Southern Sweden. A secondary disturbance is indicated near the Faeröe. The gradient is slight generally.

Winds from between N. and E. prevail over Scandinavia, and from between S.W. and N.E.

in other regions. Generally the force is moderate to very light. Over the British Isles temperature ranges from 52° at Lerwick to 60° or 61° in several southern localities; on the Continent from 51° at Brussels and Skudenes to 71° at Gibraltar; and in Iceland from 48° to 55°. At Spitzbergen the reading is 49°. Fine clear weather is reported only at Gibraltar and in Northern Scandinavia; elsewhere dullness is general, and rain is falling in many parts of this country and at a few foreign stations. The sea is rather rough off Holyhead, moderate to very smooth on all other coasts.



## DAILY WEATHER REPORT.

Wednesday, 13th Aug. 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- ome- ward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- ome- ward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
					In.	In.		(0-12).							In.	In.		(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.	In.	F.	F.			Hr.	Margate	In.	F.	F.			Hr.
Oban	-	60	48	b.c.	c	6.5	Ramsgate	-	63	54	b.c.	c	3.5
Stonehaven	-	?	42	b.c.	cg.	9.8	Folkestone	-	64	54	*		3.4
Carnoustie	-	60	46	*	*	5.4	Hythe	-	64	54	sm	b.c.v.bv	4.6
St. Andrews	-	64	40	b.c.	b.c.	7.1	Littlestone	-	*	*	*	*	3.6
England, N.E.	-	63	51	c.b.c.	b.c.o.	3.8	Hastings	-	67	55	b.c.o.	b.c.	2.8
Harrogate	-	64	54	b.c.	b.c.	9.8	Bexhill-on-Sea	-	66	51	b.c.o.	b.c.c.	3.1
Scarborough	-	62	51	b.c.	b.c.o.	6.4	Eastbourne	-	69	50	b.b.c.o.	b.	5.4
England, N.W.	-	65	53	z.c.	c	7.3	Seaford	-	68	49	b.c.c.	b.c.	5.5
Douglas	-	62	51	b.c.	b.c.o.	6.4	Brighton	-	69	53	cg.o.c.	o.c.o.	5.7
Blackpool	-	65	53	z.c.	c	7.3	Worthing	-	68	52	b.c.	c	3.6
Southport	-	62	53	z.c.o.	o.c.b.c.o.	1.5	Littlehampton	-	*	*	*	*	2.0
England, Mid-lands.	-	62	50	b.c.	b.c.	2.9	Southsea	-	71	55	b.b.c.	b.c.b.	8.5
Buxton	-	65	53	c.b.	c.b.	3.3	Ryde	-	69	62	b.z	b.z	8.5
Leamington Spa	0.25	*	*	*	*	2.5	Ventnor	-	*	*	*	*	
Malvern	-	63	50	b.c.	b.c.	9.5	Bournemouth	-	71	51	b.b.c.	b.c.	8.0
Wales.	-	65	50	b	b.b.c.	8.0	Weymouth	-	73	53	b.b.c.	b.c.b.	6.3
Rhyl	-	67	53	b	b.c.o.	9.5	Exmouth	-	71	52	b	b.	11.4
Colwyn Bay	-	61	56	o.c.o.	o.c.c.	3.0	Teignmouth	-	71	55	b	b.	11.3
Llandudno	-	64	47	b.b.c.	b.c.c.	1.0	Torquay	-	71	53	b.c.	b	12.2
Bettws-y-Coed	-	64	47	b.b.c.	b.c.c.	1.0	Paignton	-	65	54	b	b.	11.5
Aberystwyth	-	62	57	c.b.c.	b.c.c.	4.6	Falmouth	0.27	65	54	b	b.	10.4
Tenby	0.01	61	58	c.m.c.	b.b.c.c.	3.7	Bude	-	65	47	b	b.	7.0
England, S.W.	-	66	53	b.c.	b.c.	4.0	Ifracombe	0.01	64	58	b.c.	b.c.	7.0
Lowestoft	0.15	59	51	op.r	o.c.b.	6.8	Weston-super-Mare	-	67	54	o.c.	b.b.c.b.	5.2
Felixstowe	0.28	62	57	c.b.c.	b.c.c.	4.6							
Walton-on-Naze	0.41	61	58	c.m.c.	b.b.c.c.	3.7							
Southend-on-Sea	-	66	53	b.c.	b.c.	4.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain- fall.	WEATHER.			Sun- shine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.	
Greenwich (Royal Obs.)	62	69	68	52	40	o	o.c.	o	0.4
City (Bunhill Row)	*	*	*	*	*	*	*	*	1.1
Westminster (St. James's Pk.)	73	85	67	57	52	m.b.c.	b.c.sm	b.c.	1.0
Camden Sq. (Brit. Rainfall)	60	73	69	56	53	c	c.b.c.	b.c.o.	2.4
Hampstead (Reservoir)	*	77	65	55	45	b.c.	o	o	2.4
Kew. (See front page.)	*	*	*	*	*	*	*	*	*
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.			Mean Rate.		Max. Rate.				
S. Kensington (Roof of M.O.)	60	73	746	Joules.	140	Milliwatts.	620	Milliwatts.	1.3

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

13th, 14th Aug. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.34 4.36	G.M.T. 11.58 11.58	G.M.T. 7.22 7.20
Greenwich	4.44 4.46	12.5 12.5	7.26 7.24
Wick	4.31 4.34	12.17 12.17	8.3 8.0
Valencia	5.23 5.25	12.46 12.46	8.10 8.8

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature touched 73° at Exeter mouth and 71° at a few other southern stations. Small quantities of rain have fallen in many places. The duration of bright sunshine ranged from  $\frac{1}{2}$  hour at Stornoway and Birr Castle to  $12\frac{3}{4}$  hours at Jersey.

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. sea 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-base, 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.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,  
11th August, 1913.

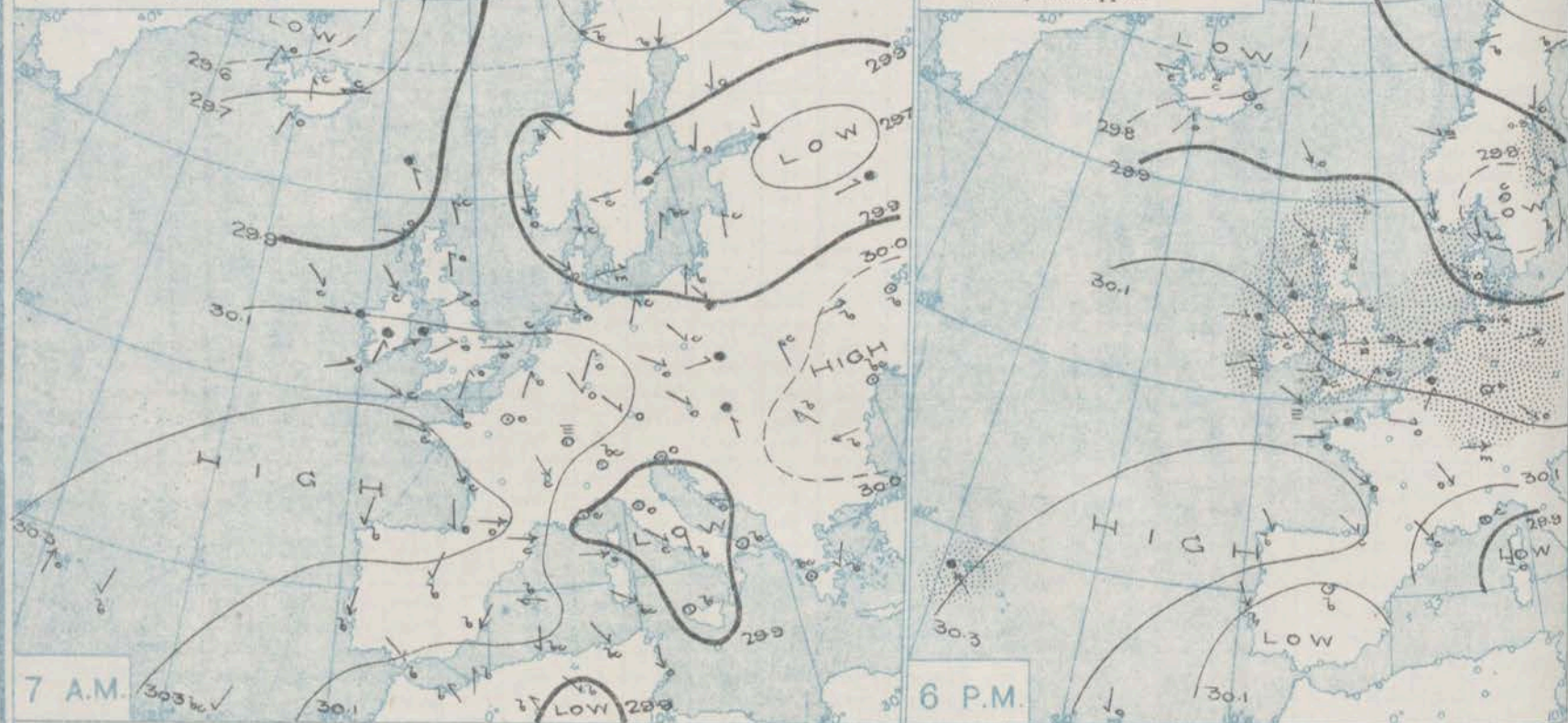
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.	
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.							
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Force (0 to 12).	Weather.		At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Direc.	Force (0 to 12).	Weather.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
BRITISH ISLANDS.																									
Lerwick ... ..		In. 29.92	F. 55	ESE	3	C	In. 30.00	+0.3	F. 52	0	SE	1	0	1	Trace	F. 59	51	bc	bc	bc					
Stornoway ... ..		30.01	56	NW	4	0	30.03	0.0	53	-3	NW	1	0	1	0.01	58	50	o.c.d.p.	o	o	0.5				
Castlebay (Barra Ind.)		30.06	56	W	3	0	30.03	0.0	53	-2	SE	3	d	3	0.01	58	52	om	o	o.c.d.	0.0				
Glasgow ... ..		30.01	57	WNW	3	C	30.06	+0.1	53	0	W	1	C	0	0.05	60	53	do	o.c	o.c.d.	0.0				
Malin Head ... ..		30.09	57	NW	4	cp	30.02	-0.1	57	0	SW	4	cf	4	0.04	60	54	bcg	cp	fr					
Blackod Point ... ..		30.13	60	W	1	r	30.10	+0.1	60	+1	W	1	r	1	0.09	63	57	bcg	bc.d	bc.d					
Valencia ... ..		30.20	61	WSW	2	f	30.20	0.0	61	0	-	0	m	3	0.02	65	60	only	mib	omd	0.0				
SCANDINAVIA.																									
Roche's Point ... ..		30.16	70	WSW	3	bc	30.16	0.0	64	+3	NW	2	bc	2	0.02	72	61	c.o	c.bc	bc.					
Birr Castle ... ..		30.12	65	W	3	C	30.11	0.0	62	+2	W	1	r	0	0.06	68	59	orc	C	o.c.d.	2.3				
Donaghadee ... ..		30.08	60	WNW	3	C	30.08	0.0	53	-4	S	1	t	1	0.08	64	52	C	C	com					
Liverpool Obsy. ... ..		30.06	60	W	3	0	30.10	0.0	54	-3	WNW	2	r	2	0.05	63	53	od	o	ogt.	0.0				
Holyhead ... ..		30.06	62	W	2	ogmp	30.09	0.0	56	+1	SW	1	fd	1	0.02	65	55	dis.cip	o.c.b	o.c.b	0.5				
Pembroke (St. Ann's Hd.)		30.11	61	W	3	bc.	30.12	-0.1	59	+2	WNW	2	C	3	0.27	63	56	orm	cg	bcu	1.3				
Newquay ... ..		30.17	61	W	3	0	30.16	0.0	61	+1	-	0	afe	2	0.02	61	60	o.or	o.c.f	cf	0.0				
GERMANY, &c.																									
Scilly (St. Mary's) ... ..		30.20	61	NW	5	f	30.19	0.0	60	0	NW	4	fe	4	0.02	63	59	omr	f	fe.	0.0				
Jersey (St. Aubin) ... ..		30.24	60	W	3	ogmr	30.16	0.0	61	+1	WNW	4	om	4	0.04	64	59	cog	ogm	gnd	0.0				
Portland Bill ... ..		30.13	61	WSW	4	0	30.11	+0.1	62	+3	W	3	C	3	0.03	63	59	cr	po	o.c.					
Dungeness ... ..		30.13	61	W	5	op	30.04	+0.1	59	-1	WNW	5	C	3	0.03	71	58	c.o	cp.o	cp.o					
Dover ... ..		30.08	57	WSW	3	r	30.02	0.0	60	+2	NW	5	b	3	0.07	68	56	opbc	bc	o.c.b	1.3				
ICELAND, FAEROE, &c.																									
Wick ... ..		29.95	55	W	3	C	30.04	+0.2	52	-1	-	0	C	1	0.03	59	50	ompd	o.c.p	cp.o					
Nairn ... ..		29.98	58	W	1	C	30.05	0.0	53	0	SW	1	0	1	Trace	65	50	pc	C	c.o	1.3				
Aberdeen ... ..		29.94	60	WNW	3	C	30.05	+0.2	54	0	WNW	2	0	2	0.06	65	49	o.c.o	o.c.b	o.c.b	0.6				
Leith ... ..		29.94	64	W	2	0	30.05	+0.2	54	0	WSW	1	cy	0	0.06	66	52	po.c	c.o	C					
North Shields ... ..		29.95	60	WSW	2	C	30.07	+0.3	55	-2	WNW	2	0	2	0.09	63	54	ro	C	o	0.0				
Spurn Head ... ..		29.94	61	W	4	C	30.03	+0.2	56	-2	NW	4	C	4	0.01	64	53	op	o	C	0.0				
FRANCE.																									
Yarmouth ... ..		30.01	59	W	2	0	29.99	0.0	57	+2	NW	2	bc	1	0.02	66	55	bc	bc.d	o.b.	2.0				
Clacton-on-Sea ... ..		30.05	60	SW	2	0	30.02	+0.2	56	-1	WNW	2	bc	1	0.08	67	55	og.bc	c.o.o	ogm	2.0				
Nottingham ... ..		30.01	64	W	3	0	30.06	0.0	58	+3	WNW	2	cm	0	0.01	64	55	o.c.p	op	o.c.	0.3				
Bath ... ..		30.10	64	-	0	0	30.11	0.0	62	+5	NW	1	C	0	0.02	64	57	ro	o	o	0.5				
London (Kew Obsy.) ... ..		30.08	61	SW	2	0	30.08	+0.1	59	+1	NW	2	0	0	0.02	66	56	om.c.o	op.o	om	0.7				
SPAIN, PORTUGAL, &c.																									
Spitzbergen ... ..		30.10	43	SW	2	0	30.11	+0.1	42	0	SW	3	0	0	0.02	43	37								
Isafjord ... ..		29.70	51	E	2	C	29.74	+0.1	50	-1	-	0	0	0	0.02	51	43								
Reykjavik ... ..		29.78	52	SW	4	0	29.82	-0.1	48	-1	S	2	0	0	0.02	52	44								
Vestmanna ... ..		29.82	51	SW	2	0	29.86	+0.2	48	0	SSW	3	C	7	0.02	51	44								
Seydisfjord ... ..		29.73	55	-	0	0	29.83	+0.2	50	-3	-	0	C	0	0.02	51	44								
Thorshavn ... ..		29.87	53	NNW	4	0	29.99	+0.1	52	+1	-	0	0	0	0.02	53	46								
GERMANY, &c.																									
Haparanda ... ..		29.08	57	E	2	b	30.11	0.0	55	-8	NE	4	b	0	0.02	72	50								
Hernösand ... ..		29.90	56	NE	2	C	29.93	+0.3	57	0	NE	6	C	0	0.07	59	55								
Stockholm ... ..		29.79	54	SSW	2	b	29.82	+0.2	60	+5	SSE	2	C	0	0.24	63	50								
Wisby ... ..		29.80	53	SW	2	b	29.78	0.0	60	+1	S	2	bc	0	0.02	63	48								
Karlstad ... ..		29.76	54	-	0	C	29.82	+0.2	55	0	E	2	bc	0	0.02	64	46								
Färder (X'ianla Fjord)		29.77	58	NE	4	0	29.81	+0.2	56	+1	NE	2	b	1	0.04	59	54								
Bodö ... ..		30.04	63	E	1	b	30.07	+0.1	62	0	E	1	b	1	0.04	64	55								
Christiansund ... ..		29.86	51	WNW	2	f	29.94	+0.2	53	-6	-	0	0	2	0.04	54	52								
Skudesnaes ... ..		29.90	53	N	4	0	29.94	0.0	53	+2	N	4	0	2	0.04	54	50								
The Scaw (Skagen) ... ..		29.78	56	N	1	bc	29.79	+0.2	59	+2	NE	1	b	0	0.02	61	54								
Blaavands Huk ... ..		29.89	54	NW	4	0	29.83	-0.1	54	-3	NW	3	T	2	Trace	59	54								
GERMANY, &c.																									
Cuxhaven ... ..		29.94	57	W	3	0	29.86	-0.1	56	-1	NW	2	op	0	0.59	61	54								
The Helder ... ..		30.01	59	W	2	r	29.91	+0.2	60	+1	N	3	C	2	0.24	64	54								
Brussels ... ..		30.09	55	SSW	1	T	29.97	-0.1	59	+8	WNW	2	0	0	0.24	59	50								
Berlin ... ..		29.97	59	W	2	C	29.92	-0.2	54	0	SW	2	0	0	Trace	64	54								
Frankfurt ... ..		30.08	58	-	0	0	29.98	-0.3	55	+1	SW	2	m	0	0.08	64	54								
Munich ... ..		30.10	56	NW	3	0	30.06	-0.2	51	-4	SW	4	0	0	Trace	63	46								
FRANCE.																									
C. Gris Nez ... ..		30.09	60	WSW	5	r	30.03	+0.1	60	+1	NW	4	bc	4	0.32	68	59								
La Hève ... ..		30.19	61	WSW	5	0	30.03	0.0	61	+1	NW	4	m	5	0.08	64	57								
Brest (St. Mathieu) ... ..		30.28	60	W	3	0	30.24	+0.1	59	+1	NW	3	f	2	0.08	66	58								
Lorient (Bec Melon) ... ..		30.27	63	NW	5	0	30.20	0.0	64	+4	WNW	4	0	0	0.08	68	59								
Rochefort (Ile d' Aix)		30.32	67	NW	3	C	30.28	+0.1	64	-2	NW														



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 13<sup>TH</sup> AUGUST.



NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



## GENERAL INFERENCE

## WEATHER PROSPECTS.

Very shallow irregularities of pressure moving in from the Atlantic will occasion

a changeable type of weather over the country generally.

## FORECASTS FOR THE 24 HOURS NOON THURSDAY

## TO NOON FRIDAY.

- 0 { Calms and very light variable breezes; fair to dull, some rain and mist; cool.
- 1 {
- 2 { Light to moderate N.W. and
- 3 { S.W. breezes; fair to dull, some
- 4 { rain, mist in places; cool.
- 5 {

## 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.

- 6 { Same as Nos. 0 & 1.
- 7 { Same as Nos. 2 to 5.
- 8 {
- 9 { Same as Nos. 0 & 1.
- 10 { Same as Nos. 2 to 5.

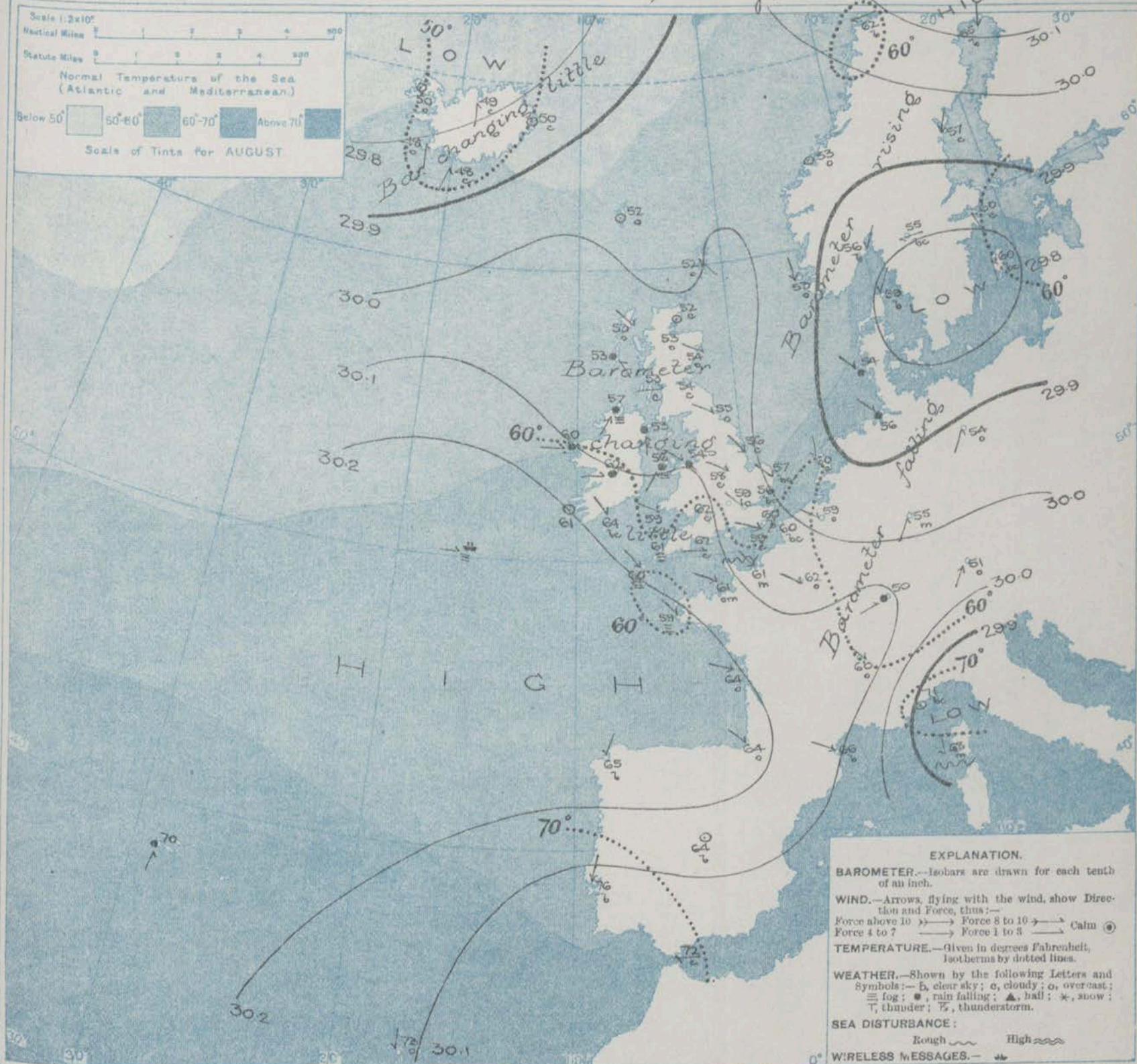
## 11 WESTERN CHANNEL AND BAY.

N.W. to S.W. breezes, fresh at times; sea slight or moderate; much fog, some fair intervals; cool.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Thursday, 14<sup>th</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.2 in. from our south-western coasts and the Bay to and beyond the Azores, and above 30.1 in. from Lapland to Spitzbergen. It is below 29.8 in. over Northern Iceland and Southern Sweden. The gradient is slight.

N.E. breezes prevail over England and France, but generally the direction is very variable, and the force light. Over the British Isles temperature ranges from 52° or 53° in the north

to 64° at Roches Point, on the Continent from 51° at Munich to 72° at Gibraltar; and in Iceland from 48° to 50°. At Spitzbergen the reading is 42°. The sky is cloudless only in the extreme north of Scandinavia and at Perpignan; elsewhere it is mostly overcast, and rain is falling at most of our own northwestern stations. From the Clyde down the western channels to the Bay and the Strait of Gibraltar much fog is reported at Gibraltar there is a heavy levanter. The sea is moderate to smooth.



## DAILY WEATHER REPORT.

Thursday, 14th August 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
14th 7 a.m.	50	15	Arabic	O	30.22	+0.1	W	1-3	f										
13th 7 a.m.	55	14	Empress of Britain	H	34.95	0.0	NW	1-3	c										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.	F.	F.		hr.		In.	F.	F.		hr.	
	{ Oban ... ..	0.09	66	48	cp	b.c.	1.7	{ Margate ... ..	0.05	66	51		1.5
	{ Stonehaven ... ..	0.02	63	50			0.1	{ Ramsgate ... ..	0.03	67	51		1.4
	{ Carnoustie ... ..	0.14	62	51			0.3	{ Folkestone ... ..	0.07	70	54	bm	c.or.
	{ St. Andrews ... ..	0.13	68	52	r.bcp.	bc.	0.7	{ Hythe ... ..					
Eng. N.E.													
	{ Harrogate ... ..	0.06	62	53	op.o.	o	0.0	{ Littlestone ... ..					
	{ Scarborough ... ..		63	53	c.b.	or.oc.	0.2	{ Hastings ... ..	0.03	69	56	o.bc.	op.
England, N.W.													
	{ Douglas ... ..	0.05	62	53	o	o	0.0	{ Bexhill-on-Sea ... ..	0.01	68	58.	g.bc.	o
	{ Blackpool ... ..	0.02	64	56	od	c.o.	0.6	{ Eastbourne ... ..		68	58	o.bc.	o.
	{ Southport ... ..	0.02	64	56.	op.o	po.c.o.	0.2	{ Seaford ... ..	Trace	66	55	o.c	r
Mid. lands.													
	{ Brighton ... ..						0.02	{ Brighton ... ..	0.02	66	59	g.c.o.	g.r.o.
	{ Worthing ... ..						0.01	{ Worthing ... ..	0.01	65	58	c.o	d.
	{ Littlehampton ... ..						0.04	{ Littlehampton ... ..					
Wales.													
	{ Southsea ... ..						0.02	{ Southsea ... ..	0.02	66	56	c.bc.	or.
	{ Ryde ... ..							{ Ryde ... ..		65	61	o	o.
	{ Ventnor ... ..							{ Ventnor ... ..					
England, E.													
	{ Bournemouth ... ..							{ Bournemouth ... ..		65	55	o.c.	c.o.
	{ Weymouth ... ..						0.02	{ Weymouth ... ..	0.02	64	56	cp	po
	{ Exmouth ... ..						0.04	{ Exmouth ... ..	0.04	66	56	or	o.
England, S.W.													
	{ Teignmouth ... ..						0.05	{ Teignmouth ... ..	0.05	68	57	c.or	o.c.
	{ Torquay ... ..						0.03	{ Torquay ... ..	0.03	67	55	o	o
	{ Paignton ... ..						0.05	{ Paignton ... ..	0.05	67	55	op	c.
	{ Falmouth ... ..						0.03	{ Falmouth ... ..	0.03	64	54	o	odm
	{ Bude ... ..						0.08	{ Bude ... ..	0.08	65	58	om	om.
	{ Ilfracombe ... ..						0.20	{ Ilfracombe ... ..	0.20	63	58	or	to.c.
	{ Weston-super-Mare ... ..						0.08	{ Weston-super-Mare ... ..	0.08	63	56	r	o.

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.	STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.	
	7 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.			
			Max.	Min.														Max.		Min.
24 HOURS ENDED 9 A.M. TO-DAY.																				
Greenwich (Royal Obey.) ...	84	68	69	57	50	0.05	o.b.c	h.e.p.o	o.p.o	0.4	Dublin to 4 p.m.	0.01	69	55	54	o.p.p.	o.c	c	0.0	
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	0.6	Plymouth to 9 p.m.	0.01	65	55	50	b.c.v	c.b.	odg.	0.0	
Westminster (St. James's Pk.)	88	79	68	57	50	0.01	r.b.c	r	b.c.	1.1	Darwen "	0.13	59	53	50	oud	od	on	0.0	
Camden Sq. (Brit. Rainfall)	78	68	70	56	52	0.03	c	or.o	b.c.o.	0.8	Manchester "								0.0	
Hampstead (Reservoir) ...	*	68	65	55	42	0.04	c.or	b.c	o	0.6	Birmingham "	-	64	52	50	o	o	o	0.0	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.											65	55	54	o	o.b.c.o	o	0.0
			Total.		Mean Rate.		Max. Rate.				S. Kensington									
S. Kensington (Roof of M.O.)	74	67	76.3 Joules.		14.4 Milliwatts.		57.5 Milliwatts.		0.4		(Museum Grounds to 6 p.m.)	0.01	68	57	47	o	o.p.p.	o.p.p.	0.0	

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

14th Aug. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.36	G.M.T. 11.58	G.M.T. 7.20
	4.37	11.57	7.18
Greenwich	4.46	12.5	7.24
	4.47	12.4	7.22
Wick	4.34	12.17	8.0
	4.36	12.16	7.58
Valencia	5.25	12.46	8.8
	5.26	12.45	8.6

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 72° at Roche's Point, but very few other stations touched 70°. In the night Newquay and Valencia did not pass below 60°, and Roche's Point 61°. Rain has fallen in all districts, but the amounts measured were very small. The bright sunshine records at all stations were very small, none or less than an hour in numerous instances.

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.



1913.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,  
15th August, 1913.

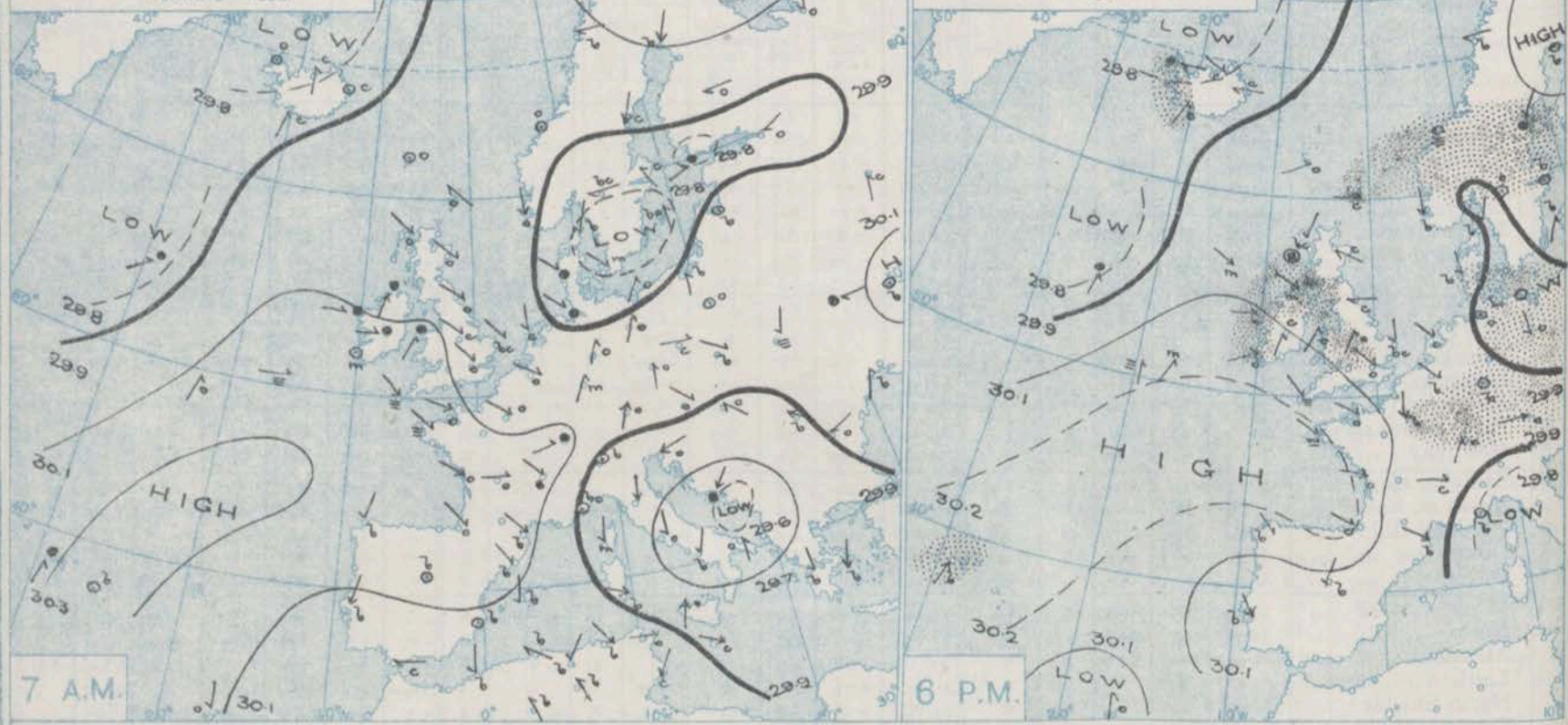
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).	Weather.			Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.				
<b>BRITISH ISLANDS.</b>																							
Lerwick ...	In.	F.					In.	In.	F.					In.	F.	F.	on	c	ofc		Hours		
Stornoway ...	30.05	56	W	2	c	30.11	-.00	54	+2	ESE	2	c	1	Trace	58	51	on	c	ofc				
Castlebay (Barra Isd.) ...	30.04	58	NE	3	bc	30.03	-.01	56	+3	SSE	3	c	3	-	63	53	o.b.	bc	og.	3.0			
Glasgow ...	30.02	57	-	0	md	30.05	-.00	56	+3	SE	2	d	2	0.21	58	53	d.r	r.d.	dim.	0.0			
Malin Head ...	30.06	58	SW	2	o	30.11	+0.01	54	+1	E	1	o	n	-	60	53	o	o	o.c.	0.1			
Blackod Point ...	30.07	57	WNW	6	mv	30.06	-.01	59	+2	W	3	fe	2	0.07	60	57	f	f	fd.				
Valencia ...	30.11	62	W	2	o	30.07	-.02	59	-1	SW	3	bc	2	0.03	63	57	ond	om	ond.				
	30.18	62	WSW	1	om	30.13	-.01	63	+2	-	0	om	3	0.07	65	61	omf	om	omr	0.1			
<b>IRISH ISLANDS.</b>																							
Roche's Point ...	30.15	66	E	2	c	30.13	-	63	-1	N	1	o	1	Trace	76	62	bc	bc.	bc.				
Birr Castle ...	30.12	69	SW	2	c	30.10	-	62	0	SW	2	bc	-	-	74	61	c	c	c.b.	2.6			
Donaghadee ...	30.08	58	SSW	1	omd	30.09	-.00	57	+4	SSW	1	fe	1	0.05	64	52	om	om	omf				
Liverpool Obsy. ...	30.08	60	-	0	r	30.11	-.00	60	+6	WNW	1	o	1	0.17	62	54	oyd	or	om	0.0			
Holyhead ...	30.07	66	SW	1	o	30.11	-.00	61	+5	E	1	cm	0	0.03	72	56	fd.	ed.	c.c.	1.1			
Pembroke (St. Ann's Hd.) ...	30.13	62	NW	2	bc	30.11	-.02	63	+4	-	0	o	3	Trace	66	59	c	bc	bc.	6.9			
Newquay ...	30.15	62	WNW	1	f	30.12	-.00	61	0	W	1	af	2	0.01	64	58	cf	cf	cf	0.0			
<b>SCANDINAVIA.</b>																							
Scilly (St. Mary's) ...	30.17	62	NW	3	f	30.13	-.00	60	0	NW	2	fe	3	0.01	65	57	f	f	fe	0.0			
Jersey (St. Aubin) ...	30.15	65	WNW	3	om	30.12	-	62	+1	W	3	cm	3	-	69	60	o.c.	b.c.	km.	4.8			
Portland Bill ...	30.09	66	WNW	4	c	30.11	-.00	64	+2	NW	3	o	2	-	67	61	c	c	c.				
Dungeness ...	30.06	63	SW	2	o	30.08	+0.01	61	+2	NE	3	o	3	-	68	58	c	c	c.				
Dover ...	30.11	62	S	1	o	30.13	-	58	-2	NE	1	o	2	-	69	57	bc.	bc.	bc.	6.1			
<b>GERMANY, &amp;c.</b>																							
Wick ...	30.07	55	NNE	2	bc	30.10	-.01	54	+2	ESE	3	bc	2	-	58	41	c	c.	bc.				
Nairn ...	30.05	59	ENE	1	c	30.08	-	55	+2	-	0	c	0	-	62	49	v.b.	vc	c	2.0			
Aberdeen ...	30.09	56	ESE	2	c	30.11	-.00	58	+1	S	2	o	2	-	64	47	o.c.	bc.	c.b.	3.0			
Leith ...	30.02	60	-	0	o	30.10	+0.01	56	+2	NNE	1	o	-	Trace	63	54	o	o	og.				
North Shields ...	30.08	56	E	2	c	30.12	+0.01	56	+1	ENE	2	o	2	-	60	54	c	c	o				
Spurn Head ...	30.07	58	ENE	2	o	30.12	+0.01	57	+1	ENE	2	c	2	-	65	53	bc	o	o.c.	4.5			
<b>FRANCE.</b>																							
Yarmouth ...	30.06	60	N	3	bc	30.10	-.00	58	+1	NNE	2	bc	1	-	61	54	bc	bc	bc.	6.5			
Clacton-on-Sea ...	30.06	61	E	2	bc	30.09	-.00	60	+4	NNE	1	bc.	0	-	69	56	bc	bc.	bc.	6.8			
Nottingham ...	30.07	61	SW	2	o	30.10	-	56	-2	E	1	om	-	0.01	65	55	op.	om	od.	0.3			
Bath ...	30.09	68	W	2	o	30.12	-	65	+3	-	0	o	-	0.01	69	62	or	or	o.	0.7			
London (Kew Obsy.) ...	30.07	66	NW	1	o	30.10	-.00	59	0	N	2	om	-	0.09	70	57	o.c.	o	od.	2.0			
<b>ICELAND, FAEROE, &amp;c.</b>																							
Spitzbergen ...	29.94	42	S	5	o	29.93	-.01	42	0	-	0	o	-	-	42	39							
Isafjord ...	29.79	51	E	3	r	29.78	-.04	49	-1	E	3	o	-	-	-	-							
Reykjavik ...	29.87	51	SSW	1	o	29.89	-.13	52	+4	NE	2	T	-	-	-	-							
Vestmanna ...	29.88	52	SSW	1	c	29.83	-.10	50	+2	E	9	T	1	-	-	-							
Seydisfjord ...	29.84	56	E	1	c	29.85	-.01	50	0	-	0	o	-	-	-	-							
Thorshavn ...	30.08	55	WSW	2	o	30.03	-.03	51	-1	-	0	o	-	-	-	-							
<b>SCANDINAVIA.</b>																							
Haparanda ...	30.19	57	-	0	b	30.28	+0.03	56	+1	SSE	2	b	-	-	66	41							
Hernösand ...	30.03	56	NE	4	r	30.14	+0.03	56	-1	NE	2	T	-	0.12	59	54							
Stockholm ...	29.92	55	-	0	b	30.06	+0.04	61	+1	SE	2	c	-	0.04	63	50							
Wisby ...	29.93	55	SW	2	b	30.01	+0.01	60	0	NE	2	bc	-	-	64	50							
Karlstad ...	29.90	58	-	0	o	30.03	+0.04	55	0	-	0	T	-	0.12	64	52							
Färder (X'lanta Fjord) ...	29.89	62	W	3	o	30.02	+0.03	60	+4	NE	2	o	1	0.47	63	55							
Bodö ...	30.06	62	E	2	o	30.12	+0.02	60	-2	E	2	b	1	-	68	54							
Christiansund ...	30.02	54	-	0	f	30.08	+0.02	53	0	-	0	f	2	0.04	54	?							
Skudesnaes ...	29.96	53	N	6	b	30.03	+0.02	53	0	N	4	o	2	-	59	50							
The Scaw (Skagen) ...	29.91	59	NNE	2	b	30.00	+0.03	61	+2	NNE	1	o	0	-	66	55							
Blaavands Huk ...	29.94	57	N	2	b	30.03	+0.04	57	+3	NW	2	o	2	0.08	61	52							
<b>GERMANY, &amp;c.</b>																							
Cuxhaven ...	29.89	59	-	0	o	29.98	+0.04	58	+2	N	4	b	2	-	61	55							
The Helder ...	30.02	60	NNW	3	c	30.08	+0.01	59	-1	N	2	c	1	-	61	57							
Brussels ...	30.06	57	NW	1	b	30.09	+0.02	54	-5	WNW	1	b	-	Trace	69	45							
Berlin ...	29.87	55	N	2	o	29.89	+0.02	53	-1	NW	2	o	-	0.04	61	52							
Frankfurt ...	29.96	58	-	0	o	30.01	+0.01	58	+3	W	1	c	-	0.16	68	54							
Munich ...	29.99	52	W	4	o	29.98	+0.02	53	+2	NW	5	o	-	0.12	55	51							
<b>FRANCE.</b>																							
C. Gris Nez ...	30.07	63	SW	1	c	30.07	+0.01	58	-2	E	2	o	2	-	68	57							
La Hève ...	30.11	61	WNW	3	f	30.09	-	62	+1	NW	2	f	3	-	68	57							
Brest (St. Mathieu) ...	30.22	60	NW	3	f	30.16	-.00	59	0	-	0	f	0	-	66	59							
Lorient (Rec. Malen) ...	?	66	WNW	4	f	?	-	62	-1	N	1	o	1	-	68	59							
Rochefort (Ile d'Alx) ...	30.19	64	WNW	4	f	30.12	-.01	66	+2	NW	3	c	-	-	68	63							
Biarritz ...	30.21	62	WNW	3	c	30.10	-.03	64	0	W	1	f	2	-	70	62							
<b>SPAIN, PORTUGAL, &amp;c.</b>																							
Paris ...	30.07	67	NNW	2	o	30.08	-.00	59	-3	WNW	1	r	-	Trace	73	59							
Belfort ...	30.05	55	WSW	2	o	30.08	-	56	+6	W	3	m	-	0.16	62	50							
Lyons ...	30.09	59	-	0	c	30.07	-	60	0	N	3	o	-	-	61	57							
Nice ...	29.78	69	-	0	b	29.79	+0.01	69	-2	-	0	b	1	-	81	61							
Perpignan ...	30.01	75	WNW	4	b	30.03	+0.02	73	+7	NW	3	b	-	-	80	65							
Sanguinaire ...																							
Corunna (S.a.m.) ...	30.17	68	NNW	1	b	30.04	-.00	67	+2	NE	1	b	2	-	73	61							
Lisbon (S.a.m.) ...	29.97	84	NNW	5	b	29.93	+0.02	78	-	NE	1	b	2	-	91	75							



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 14<sup>TH</sup> AUGUST



NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



## GENERAL INFERENCE

## WEATHER PROSPECTS.

A large depression on the upper Atlantic is likely to influence the weather

all over the country in the course of the ensuing 24 hours.

## FORECASTS FOR THE 24 HOURS NOON FRIDAY

## TO NOON SATURDAY.

0 { a light variable S.E. to S. breezes; freshening later; dull, some rain and mist, fair intervals; moderate temperature.  
b

1 {  
2 { a  
b  
3 light variable N.E. breezes,  
backing N.W.; dull, some rain  
4 { a and mist, fair intervals; moderate  
b temperature.  
5

## 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.

6 { a light variable to freshening S. and S.W. breezes; dull, some rain and mist, much fog on coast, fair intervals; moderate temperature.  
b  
7 { a  
b

8 { a light N.E. to E. breezes; dull, some rain and mist, fair intervals, much fog on coast; moderate temperature.  
b

9 { a light S. and S.W. breezes, freshening later; dull, some rain and mist, fair intervals, much fog on coast; moderate temperature.  
b  
10 { a  
b

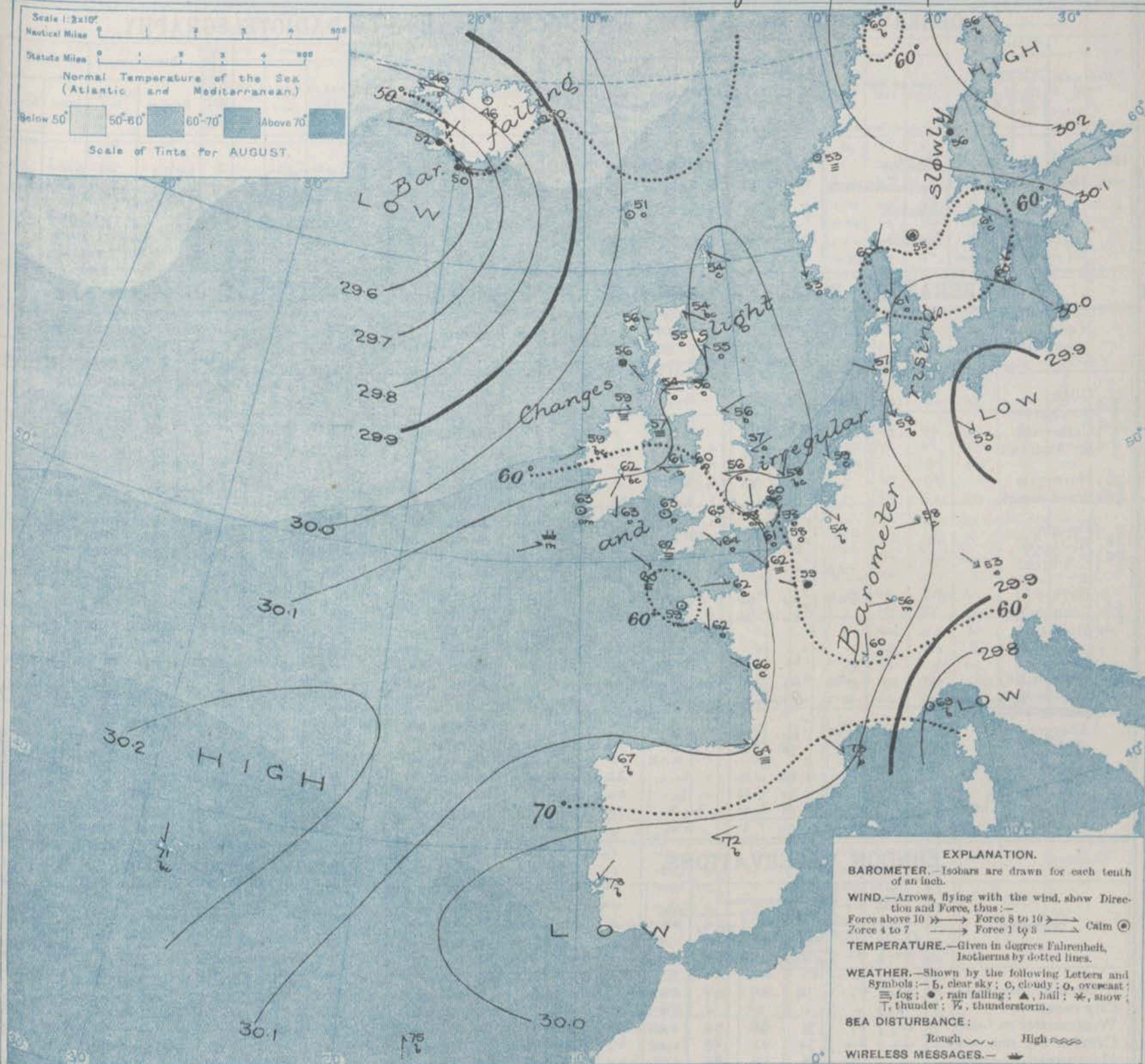
## 11 WESTERN CHANNEL AND BAY.

light variable N. to N.W. breezes; slight sea; considerable N.W. swell; dull, much mist or fog, local showers, fair intervals; cool.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Friday, 15<sup>th</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

Areas of high pressure occupy the greater part of the region under observation, the barometer being above 30.2 in. at the Azores and over Lapland. A depression of some intensity lies off the southwest of Iceland, where the barometer has fallen to 29½ in. There is a considerable gradient over the Iceland region, elsewhere it is very slight.

E. winds prevail over Iceland, blowing a strong gale off the south coast; over Northern and Western Europe calms and light variable breezes are

reported. Over the British Isles temperature ranges from 54° at Lewick, Wick and Glasgow to 65° at Bath; on the Continent from 53° at Christiansund, Skudesnaes and Munich to 73° at Perpignan; and in Iceland from 45° to 52°. At Spitzbergen the reading is 42°. The sky is cloudless along the south coast of France and over Northern Scandinavia; in nearly all other regions it is very cloudy to overcast and dull, but rain is falling only at a few foreign stations, showers of drizzle in the Southern Hebrides. There is much mist or fog on our western coasts, and on the French and Norwegian coasts.



## DAILY WEATHER REPORT.

Friday, 15th August, 1913.

## 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.	
15th 7am.	51	11	Baltic	H	30.08	-0.1	WSW	1-3	m.	14th 6pm.	56	12	Sietonian	O	29.99	+0.0	WNW	4-5	m.
14th 6pm.	53	24	Royal Edward	H	29.77	+0.4	SSW	1-3	r.	" 7am.	53	29	Royal Edward	H	29.74	+0.1	SW	1-3	r.
" "	50	19	Arabia	O	30.19	+0.5	S	1-3	f	" "	49	21	Baltic	H	30.12	-0.2	SSW	1-3	o.
" "	50	17	Baltic	H	30.09	-0.2	SW	1-3	m.										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	Hr.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	Hr.
			Max.	Min.	Forenoon.	Afternoon.						Max.	Min.	Forenoon.	Afternoon.		
Scotland.	Oban	0.01	59	52	c	c	0.0	0.0	Margate	...	...	68	57	c.0	bc.0	4.4	5.4
	Stonehaven	...	67	53	bc	bc	5.6	5.6	Ramsgate	...	0.02	66	56	"	"	5.6	5.6
	Carnoustie	...	60	47	"	"	1.4	1.4	Folkestone	...	0.01	69	58	bc.c	om	...	5.5
	St. Andrews	...	65	46	bcc	bcc	1.5	1.5	Hythe	...	...	...	...	...	...	...	...
Eng. N.E.	Harrogate	...	63	53	ocbcc	o	1.3	1.3	Littlestone	...	...	...	...	...	...	...	...
	Scarborough	...	65	54	bc	bc	3.0	3.0	Hastings	...	0.06	69	56	oc.bc	o	...	1.3
England, N.W.	Douglas	0.11	60	51	odf	odf	0.0	0.0	Bexhill-on-Sea	...	0.03	68	56	bc.c	og	...	1.7
	Blackpool	0.01	60	54	c	c.0d	0.0	0.0	Eastbourne	...	0.02	72	57	o.bc.b	obc.o	...	2.1
	Southport	0.02	61	53	+o	d.o.d	0.0	0.0	Seaford	...	trace	71	58	o.c	c.o	...	2.4
Mid-lands.	Buxton	0.02	59	50	cdp	cdp	0.0	0.0	Brighton	...	...	72	58	c	c.o	...	1.4
	Leamington Spa	...	64	56	o	o	0.0	0.0	Worthing	...	0.01	70	56	bc	c.o	...	2.3
	Malvern	...	...	...	...	...	0.0	0.0	Littlehampton	...	...	...	...	...	...	...	1.0
Wales.	Rhyl	0.10	63	54	p	o	0.1	0.1	Southsea	...	...	68	60	c.b.o	or.o	...	1.0
	Colwyn Bay	0.12	67	53	p	c.bc	0.0	0.0	Ryde	...	...	67	64	o	o	...	...
	Llandudno	0.12	67	54	od	o	0.0	0.0	Ventnor	...	...	...	...	...	...	...	...
	Bettws-y-Coed	...	...	...	...	...	...	...	Bournemouth	...	...	70	59	b.bc	c.bc	...	1.9
England, E.	Aberystwyth	0.03	64	58	+o	o.c	0.5	0.5	Weymouth	...	...	75	59	bc	bc.c	...	4.6
	Tenby	...	75	66	o.bc	b.bc	7.0	7.0	Exmouth	...	...	75	63	oc.bc	bc	...	8.0
	Lowestoft	...	64	54	bc	bc	7.5	7.5	Teignmouth	...	...	77	62	bc.b	b	...	8.5
	Felixstowe	...	68	55	bc	bcc	7.8	7.8	Torquay	...	...	78	61	oc.bc.b	b	...	8.2
England, S.W.	Walton-on-Naze	...	68	55	bc.b	bc	8.3	8.3	Paignton	...	...	78	60	o.bc	bc.b	...	6.7
	Southend-on-Sea	...	70	57	b.bc	bc	5.8	5.8	Falmouth	...	...	74	59	o	bc	...	6.9
									Bude	...	...	67	60	o	o	...	0.0
									Ilfracombe	...	...	66	58	o	o	...	0.5
									Weston-super-Mare	...	...	67	59	b.o.c	c.bc	...	1.1

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.	STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.	
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.			
			Max.	Min.														Max.		Min.
			24 HOURS ENDED 9 A.M. TO-DAY.																	
	%	%	F.°	F.°	F.°	In.				Hr.		In.	F.°	F.°	F.°				Hr.	
Greenwich (Royal Obsy.) ...	51	87	73	57	57	0.04	c	c.0	odf	2.5	Dublin to 4 p.m.	0.02	75	59	58	or	c.c	bc	5.2	
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	2.2	Plymouth to 9 p.m.	-	77	60	56	c.b	o	c.b	5.2	
Westminster (St. James's Pk.)	60	89	71	58	58	0.05	bc	bc.r	m.	2.0	Darwen "	0.01	60	52	48	on	on	on	0.0	
Camden Sq. (Brit. Rainfall)	49	84	73	57	58	0.08	b	c.0	oc.0	2.6	Manchester "									
Hampstead (Reservoir) ...	*	89	68	55	55	0.08	cp.r	or	o.	2.0	Birmingham "	0.05	61	53	49	-	r.o	or	0.0	
Kew. (See front page.)											Oxford to 8 p.m.	*	66	55	50	o	og	og		
			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.																	
			Total.		Mean Rate.		Max. Rate.													
S. Kensington (Roof of M.O.)	49	83	12.63	Joules.	24.0	Milliwatts.	59.0	Milliwatts.	1.8	S. Kensington (Museum Grounds to 6 p.m.)	Trace	71	57	48	o	c.c	o			

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

15th 16th 17th 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.37 4.38	G.M.T. 11.57 11.57	G.M.T. 7.18 7.16
Greenwich	4.47 4.48	12.4 12.4	7.22 7.20
Wick	4.36 4.38	12.16 12.16	7.58 7.55
Valencia	5.26 5.27	12.45 12.45	8.6 8.4

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature exceeded 75° on our south-western coasts, and reached 78° at Torquay and Paignton. In most other localities the maxima were below 65°. Some southern stations had night minima from 60° to 62°. Slight rain fell in several districts. A number of stations had no bright sunshine, while a few had more than 8 hours. As far west as the 30th meridian ships experienced light S.W. breezes, with dull weather, mist, fog and rain.

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

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.



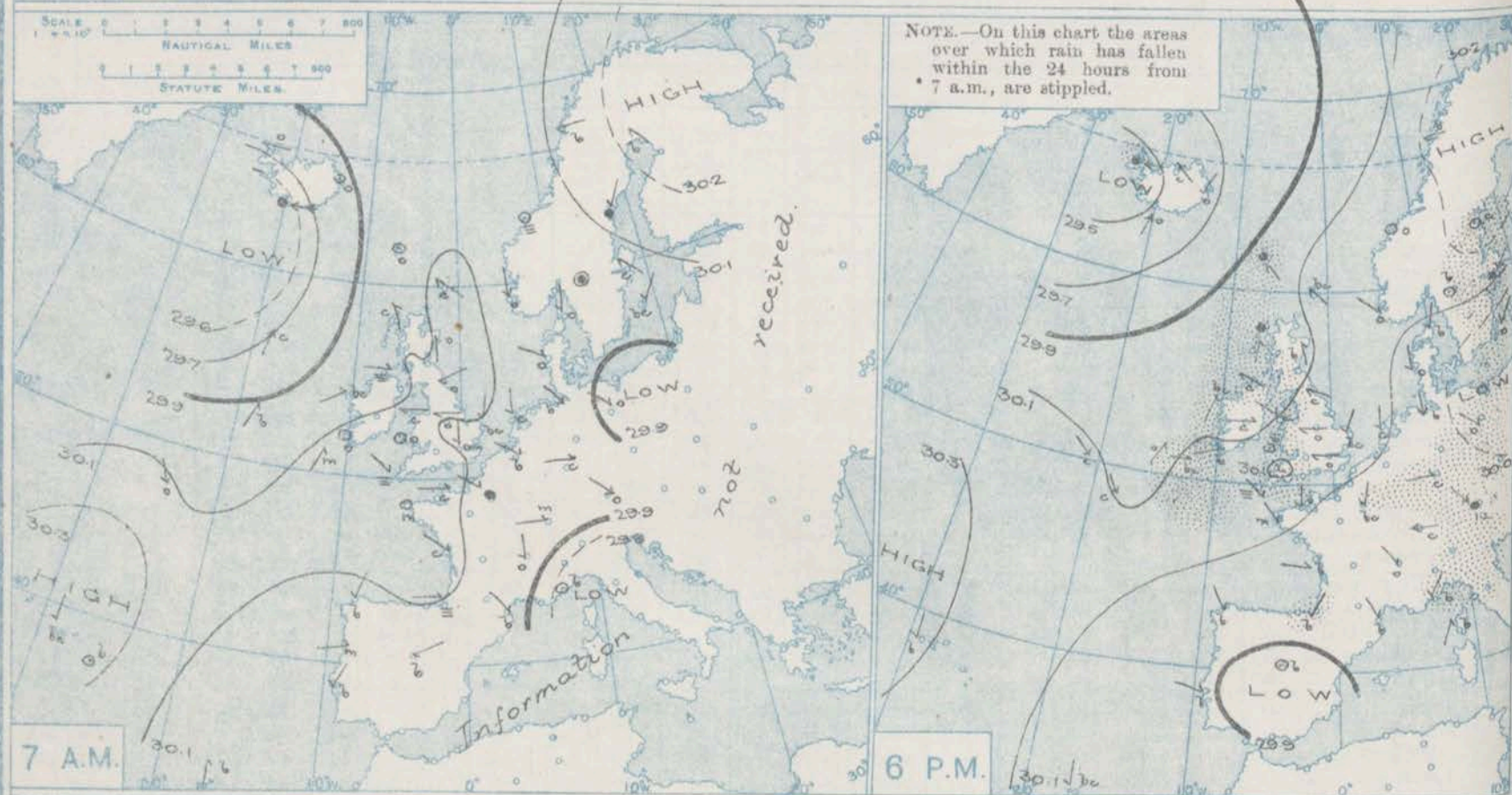
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday  
16th August, 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		At 32° Fabr. and M.S.L. Lat. 45°.	Dry Bulb.	Dry Bulb.	Force (0 to 12).				At 32° Fabr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dry Bulb.	Force (0 to 12).	Weather.	Max.	Min.		Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
		In.	F.	Direc.	Force (0 to 12).	Weather.	In.	In.	F.	F.	Direc.	Force (0 to 12).	Weather.	Sea (0 to 9).	In.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.	F.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 15<sup>TH</sup> AUGUST.



## GENERAL INFERENCE

Shallow irregularities of pressure moving across the country will occasion a

## WEATHER PROSPECTS.

changeable type of weather during the ensuing 24 hours.

## FORECASTS FOR THE 24 HOURS NOON SATURDAY

## TO NOON SUNDAY.

- 0 {  
a light variable S.W. to W. breezes;  
b fair to dull, some rain and mist,  
1 local fog on coast; moderate temperature.

- 2 {  
a Calms and light variable breezes, becoming S.W. or N.W.; fine  
b to dull, local passing showers and  
3 thunder, some mist in places;

- 4 {  
a moderate temperature, close.  
b

5

## 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

- 6 {  
a Same as Nos. 0 & 1.  
b

- 7 {  
a  
b

- 8 {  
a light variable S.W. and N.W.;  
b breezes; dull, some mist, passing showers,  
local thunder, then improving, much fog on coast; moderate temperature; close.

- 9 {  
a Variable to light S.W. and N.W.  
b breezes; fine to dull, some showers and  
10 {  
a mist, local thunder, much fog locally on  
b coast, moderate temperature; close.

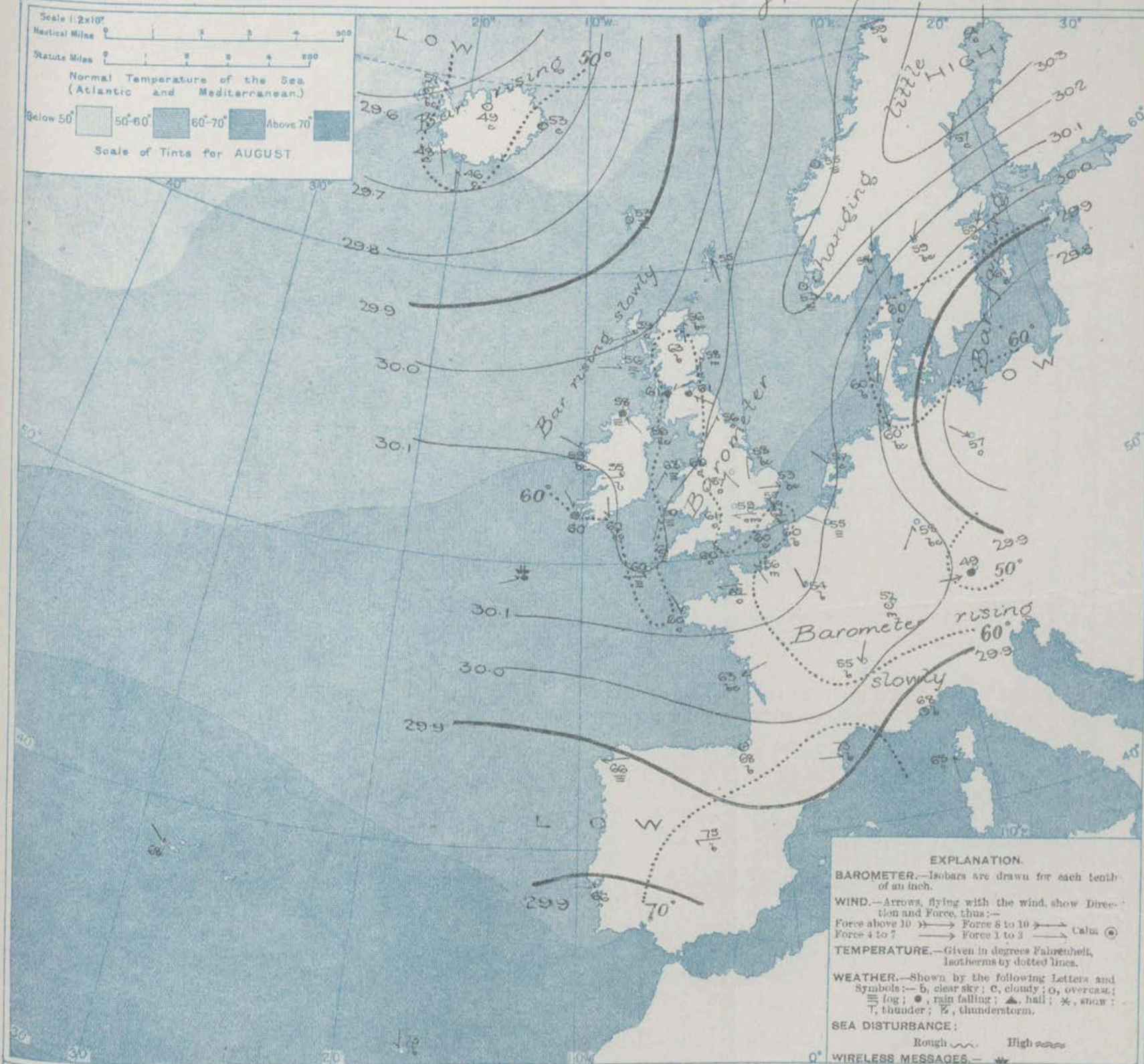
## 11 WESTERN CHANNEL AND BAY.

Calms and light variable breezes; smooth sea; changeable, fine to dull, passing showers, some mist or fog; cool.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Saturday, 16<sup>th</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The highest pressure, 30.3 in., is now found over Northern Sweden. It is at 29.6 in. in the north-west of Iceland, 29.4 in. at Berlin, and below 29.9 in. along a belt extending from Italy to the Peninsula. The gradient is moderate over Southern Scandinavia, slight elsewhere.

Strong N.E. winds are reported over Southern Scandinavia, elsewhere calms and light variable breezes prevail. At the home stations

temperature ranges from 53° at Yarmouth to 63° at Holyhead and Naini; on the Continent from 49° at Munich to 75° at Madrid; and in Iceland from 46° to 53°. At Spitzbergen the reading is 41°. The sky is cloudless in many parts of France, but in most parts of our area it is very cloudy to overcast. Rain is falling locally in Scotland and Ireland, at Munich, and beyond our southwestern coasts. Much fog is reported on the Norwegian coast, and from the Faerie down our western coasts as far as the northwest of Spain.



## DAILY WEATHER REPORT.

Saturday 16th August, 1913

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	G = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	G = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
16th 7 a.m.	49	12	Majestic	H	30.14	+0.02	WSW	1-3	r.	15th 6 p.m.	51	11	Adone	O	30.16	-0.02	W	1-3	b.
15th 6 p.m.	50	20	Olympic	O	30.13	+0.02	NW	4-5	c	15th 7 p.m.	47	24	Majestic	H	30.12	0.00	NNW	4-5	c
" "	48	18	Majestic	H	30.10	-0.05	NNW	4-5	c	" "	56	18	Victorian	O	29.67	-0.03	SSW	4-5	c
" "	51	13	Royal Edward	H	30.07	+0.05	SW	1-3	o.	" "	52	18	Royal Edward	H	29.90	+0.04	SW	1-3	b.

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.	
			Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.
Scotland.	Oban	In.	F.	F.			Hr.	Margate	In.	F.	F.		
	Stonehaven	-	60	52	c.g	c	2.2	Ramsgate	-	65	58	b.c	b.
	Carnoustie	-	62	52	-	-	3.2	Folkestone	-	62	57	-	-
	St. Andrews	-	67	53	c.o	c.o	2.1	Hythe	-	66	58	o	b.c.v
Eng. N.E.	Harrogate	-	64	52	c.c	c.o	0.0	Littlestone	-	-	-	-	-
	Scarborough	-	62	52	b.c	b.c	6.5	Hastings	-	64	58	o	o.b.c
England, N.W.	Douglas	0.05	60	58	o.d.f	c.o	0.1	Bexhill-on-Sea	-	65	59	o	of.o
	Blackpool	-	66	58	c	c	1.6	Eastbourne	0.01	65	58	o	a.b.c.o
	Southport	0.05	67	58	a.b.c	o.b.c.d.c	1.3	Seaford	0.04	68	58	a.c	o.c
Mid-lands.	Buxton	0.01	60	55	c.o	c.o	0.0	Brighton	0.02	65	59	o.c	c.o
	Leamington Spa	-	67	58	o	o	0.0	Worthing	0.01	70	60	o.c	o
	Malvern	-	-	-	-	-	0.2	Littlehampton	0.03	-	-	-	-
Wales.	Rhyl	0.10	67	60	o.b.c	b.c.m.	2.7	Southsea	-	69	-	o	og
	Colwyn Bay	-	67	59	p.b.c	b.b.c	2.5	Ryde	0.01	66	61	o	o
	Llandudno	0.03	69	60	o	c.o	2.0	Ventnor	-	-	-	-	-
	Bettws-y-Coed	-	69	60	o.c.o	c.b.o	1.5	Bournemouth	-	71	61	o.c.o	c.o
England, E.	Aberystwyth	-	69	61	o	o	0.0	Weymouth	0.02	76	61	b.c.c	om
	Tenby	-	75	61	-	-	0.0	Exmouth	-	77	62	o	o
	Lowestoft	-	61	53	c.b.c	b.c	8.0	Teignmouth	-	74	65	c	c.o
	Felixstowe	-	64	56	o.c.b.c	b.c.v	8.1	Torquay	-	75	64	o	c
	Walton-on-Naze	-	64	55	c.b.c	b	9.3	Paignton	-	77	63	c.b.c	c.b
	Southend-on-Sea	-	66	59	b.c	b.c	2.0	Falmouth	-	72	58	o	o
								Bude	-	67	59	o	o
								Ilfracombe	-	68	61	o	o
								Weston-super-Mare	0.01	69	60	c.d.b.c	c.d.c

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.	
			Max.	Min.		Max.												Min.
			24 HOURS ENDED 9 A.M. TO-DAY.															Max.
Greenwich (Royal Obs.) ...	%	%	F.°	F.°	F.°	In.				Hr.	Dublin to 4 p.m.	In.	F.°	F.°	F.°			
City (Bunhill Row) ...	69	70	67	54	54	-	o	o	og, p.b.c.	0.0	Plymouth to 9 p.m.	0.03	71	65	64	o	e.c	p.c
Westminster (St. James's Pl.)	*	*	*	*	*	*	*	*	*	0.0	Darwen	0.02	68	56	55	o.d.c	o.d	o.d
Camden Sq. (Brit. Rainfall)	83	80	66	55	49	-	m	m.b.c	m	0.1	Manchester	0.01	64	58	59	o.d.o	o.c.o	o.d.o
Hampstead (Reservoir) ...	73	80	67	53	51	-	o	o	o	0.0	Birmingham	0.07	67	57	56	r	o	o
Kew. (See front page.)	*	67	64	54	42	-	c.c	e	e.o.	0.0	Oxford to 8 p.m.	*	67	59	59	og, e	og, m	og, m
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																		
Total.			Mean Rate.			Max. Rate.												
S. Kensington (Roof of M.O.)	72	72	473	Joules.	9.0	Milliwatts.	32.5	Milliwatts.	0.0	S. Kensington (Museum Grounds to 6 p.m.)	0.06	66	58	55	r, m	o, e.c	e	

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

16th & 17th Aug. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.48 4.40	G.M.T. 11.57 11.57	G.M.T. 7.16 7.14
Greenwich	4.48 4.50	12.4 12.4	7.26 7.18
Wick	4.38 4.40	12.16 12.16	7.55 7.52
Valencia	5.27 5.29	12.45 12.45	8.4 8.2

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature exceeded 70° at a number of south-western stations, and touched 77° at Exmouth and Paignton. Moderate rain fell on the extreme western coasts, slight showers in many other localities. As a rule the bright sunshine records were very small, none or less than an hour in many places, but Walton-on-the-Naze exceeded 9 hours. As far west as the 25th meridian ships experienced light to moderate S-SW to NWly. breezes, and variable weather.

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

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrapping.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
17th August, 1913.

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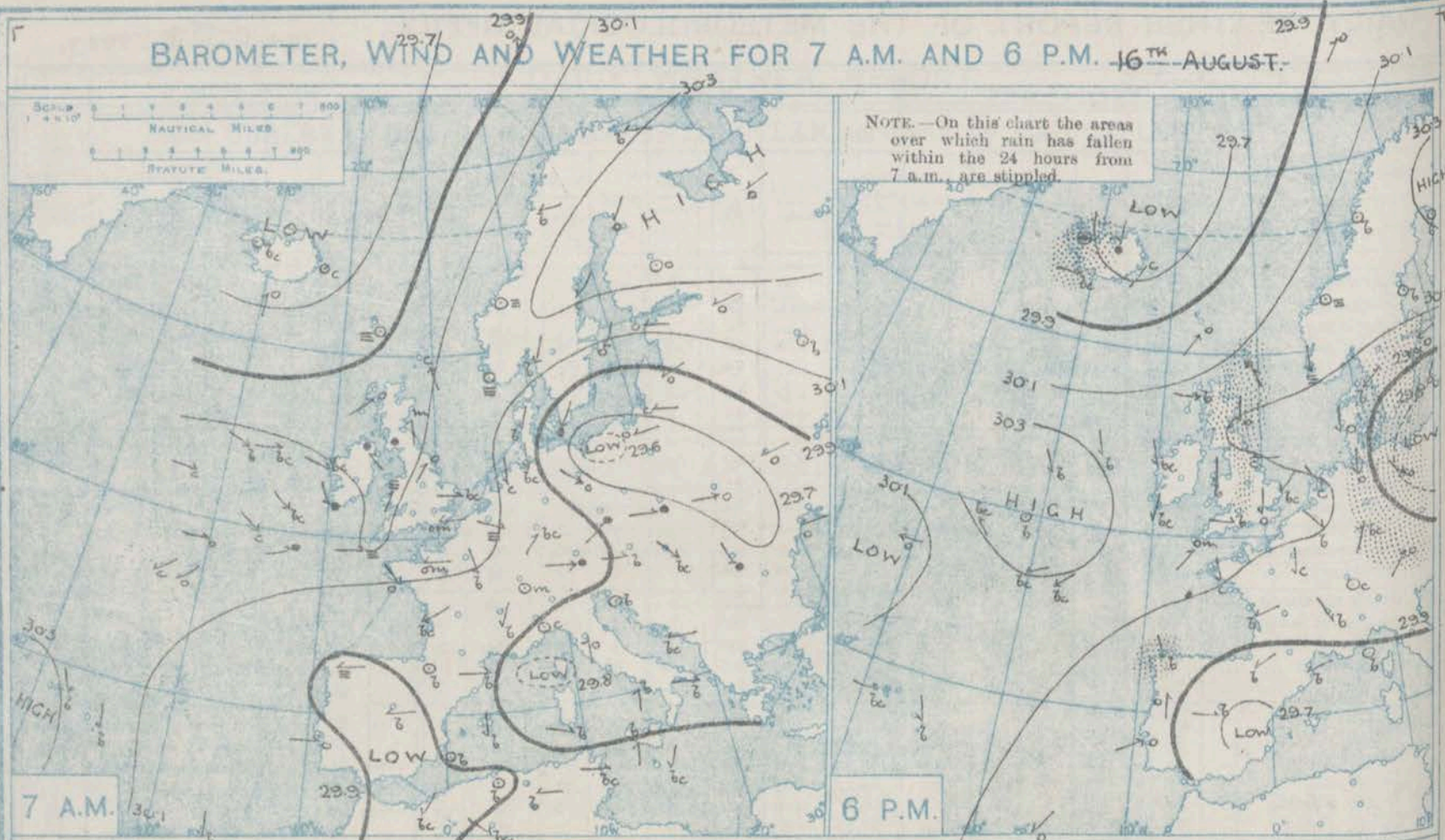
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STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.							
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Force (0 to 12).	Weather.		At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).			Weather.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.				
Lerwick ...	30.11	56	SSE	2	r	30.25	+0.14	53	-2	W	1	b	2	0.06	56	51	omp	ond	fcp. bc	7.0			
Stornoway ...	30.14	60	W	4	b	30.32	+0.18	53	-6	WNW	1	b	1	-	65	47	c. bc	bc. b	bc. b	6.3			
Castlebay (Barra Isd.)	30.18	60	WNW	3	b	30.32	+0.14	54	-2	N	2	b	1	-	61	51	off. b	b	a. c. b				
Glasgow ...	30.13	64	NW	3	c	30.28	+0.05	55	-6	E	2	o	*	0.02	69	51	m. d. o	o. c	bc	2.2			
Malin Head...	30.18	58	NNW	1	bc	30.30	+0.02	55	-3	NNE	4	b	2	Trace	61	53	bc	b	bcv	*			
Blacksod Point ...	30.22	61	NNW	2	bc	30.29	+0.01	56	-3	NNW	1	bc	1	Trace	63	48	bcv	bc	bcv	*			
Valencia ...	30.21	62	NNE	3	bc	30.25	+0.01	60	0	E	3	b	3	0.01	65	56	m. c	bc	bc	1.0			
Roche's Point ...	30.16	67	N	4	bc	30.25	*	60	0	NE	1	o	1	-	60	57	bc	bc	b. o	*			
Birr Castle ...	30.17	64	N	1	c	30.28	*	52	-3	N	1	bc	*	0.02	65	49	cm	c	c. bc	1.5			
Donaghadee ...	30.17	59	N	1	o	30.25	+0.01	55	-4	N	3	b	3	-	67	51	o	o	bc. b	*			
Liverpool Obsy. ...	30.16	60	WNW	2	m	30.22	+0.01	58	-2	WNW	2	bc	2	-	71	58	bm	m	bc	4.6			
Holyhead ...	30.14	66	N	1	bc	30.23	+0.02	57	-6	N	3	bc	2	-	68	55	c. bc. b	b. bc. b	bc. b	8.2			
Pembroke (St. Ann's Hd.)	30.13	61	N	2	f	30.19	+0.04	59	-1	NE	3	bc	3	Trace	64	57	f	f	f	0.6			
Newquay ...	30.11	61	WNW	2	f	30.14	+0.01	61	0	-	0	of	2	0.01	69	59	of. b	bc. of	of	4.0			
Scilly (St. Mary's) ...	30.12	64	NNW	3	om	30.14	+0.01	60	0	NE	2	fe	2	Trace	70	59	bcv	bcv	em	6.5			
Jersey (St. Aubin) ...	30.12	70	N	3	bm	30.15	*	61	-1	E	1	o	1	-	72	58	cm. bm	bm	bm. o	7.7			
Portland Bill ...	30.13	62	NE	1	c	30.14	+0.01	62	+2	-	0	bcf	2	-	66	60	bc	c	cf	*			
Dungeness ...	30.14	62	S	2	b	30.16	-0.02	56	-4	NE	1	b	1	-	65	47	c. bc	bc. b	bc	*			
Dover ...	30.16	59	SE	1	b	30.15	*	62	0	NNW	1	b	2	-	66	47	b. bc. c	bc. b	bc. b	11.3			
Wick ...	30.14	58	WNW	3	c	30.21	+0.05	52	-4	WNW	2	b	1	0.16	61	47	bcv. cm	emp. d	o. bc. b	*			
Nairn ...	30.12	63	NE	1	c	30.30	*	55	-8	-	0	o	0	-	73	52	b. op	cg	c. o	3.1			
Aberdeen ...	30.12	59	N	2	o	30.29	+0.03	57	-1	NNE	3	bc	2	0.15	66	54	b. bc. v	om. a	bc. a	2.7			
Leith ...	30.05	70	W	2	bc	30.25	+0.05	57	-4	NE	2	o	*	0.07	74	56	c. bc. b	b	bc. a	*			
North Shields ...	30.11	59	E	2	c	30.21	+0.03	56	0	NNE	3	o	3	0.02	65	55	c	r	o	1.3			
Spurn Head ...	30.13	59	ESE	4	bc	30.20	+0.02	58	0	ESE	2	bc	2	-	63	55	c. o	bc	bc	3.2			
Yarmouth ...	30.13	59	NE	2	bc	30.18	-0.02	54	+1	NE	1	c	1	-	62	49	bc	bc	bc. c	11.5			
Clacton-on-Sea ...	30.12	61	ESE	2	b	30.16	+0.04	59	+2	NNE	2	bc	1	-	63	53	bc. b	b	b. bc	11.2			
Nottingham...	30.10	69	SSE	2	bc	30.17	*	58	+1	WNW	1	om	*	Trace	74	53	o	a. c. bc	cat. p	1.6			
Bath ...	30.11	70	W	1	b	30.18	*	61	0	-	0	o	*	0.01	72	55	-	-	-	1.2			
London (Kew Obsy.)...	30.11	69	N	2	o	30.17	+0.02	57	-2	-	0	om	*	-	72	54	m. bc	c. o	bc. bm	4.8			
Spitzbergen ...	29.95	42	SW	2	o	30.04	-0.03	41	0	SW	3	o	*	-	43	36	-	-	-				
Isafjord...	29.71	54	-	0	T	29.84	+0.03	47	-4	-	0	c	*	-	-	-	-	-	-				
Reykjavik ...	29.77	55	W	3	bc	29.89	+0.11	47	-1	ESE	3	r	*	-	-	-	-	-	-				
Vestmanna ...	29.77	53	SW	4	b	29.89	-0.01	49	+3	SW	5	r	1	-	-	-	-	-	-				
Seydisfjord ...	29.60	62	SW	2	c	29.88	+0.06	51	-2	SW	2	b	*	-	-	-	-	-	-				
Thorshavn ...	29.97	54	SW	5	o	30.18	+0.05	54	+1	WSW	3	c	*	-	-	-	-	-	-				
Haparanda ...	30.30	53	-	0	b	30.31	-0.01	56	+2	E	2	b	*	-	63	41	-	-	-				
Hernösand ...	30.25	57	-	0	b	30.21	-0.04	58	+1	N	4	bc	*	-	63	32	-	-	-				
Stockholm ...	30.00	60	ENE	4	o	29.92	-0.02	58	-1	NE	4	o	*	0.12	61	55	-	-	-				
Wisby ...	29.82	61	NE	4	o	29.75	-0.01	59	-2	ENE	4	c	*	0.03	64	52	-	-	-				
Karlstad ...	30.07	60	NE	6	o	29.98	-0.02	58	-1	NE	6	o	*	0.12	64	54	-	-	-				
Færd (X'ianla Fjord)	30.08	63	NNE	5	o	30.03	-0.01	60	+2	N	6	o	3	-	64	55	-	-	-				
Bodö ...	30.23	60	E	1	b	30.20	-0.01	62	+3	E	2	b	2	-	64	54	-	-	-				
Christiansund ...	30.17	53	-	0	f	30.17	+0.01	53	-2	-	0	f	2	-	55	52	-	-	-				
Skudesnaes ..	30.15	51	N	4	f	30.17	-0.01	51	-2	N	4	f	1	-	53	48	-	-	-				
The Scaw (Skagen)...	30.02	63	NE	5	o	29.95	-0.01	60	0	NNE	7	o	2	0.04	66	57	-	-	-				
Blavands Huk ...	30.00	61	N	2	o	29.96	-0.01	60	0	NNE	4	o	3	-	64	59	-	-	-				
Cuxhaven ...	29.93	59	N	5	o	29.88	-0.02	60	0	N	6	og	4	0.06	61	59	-	-	-				
The Helder ...	30.11	59	NW	3	c	30.10	+0.01	61	+4	NNW	4	c	2	-	61	57	-	-	-				
Brussels ...	30.13	57	NW	2	b	30.13	+0.02	53	-2	WSW	1	o	*	-	66	47	-	-	-				
Berlin ...	29.71	60	NW	4	o	29.60	-0.08	60	+3	NW	4	o	*	0.47	61	57	-	-	-				
Frankfurt ...	30.02	57	SW	1	bc	30.01	+0.02	56	-2	NW	2	r	*	Trace	70	50	-	-	-				
Munich ...	30.04	52	SW	4	o	30.02	+0.01	53	+4	W	6	c	*	0.35	57	45	-	-	-				
C. Gris Nez...	30.13	61	NNE	2	b	30.16	+0.03	59	-1	ENE	1	b	1	-	68	52	-	-	-				
La Hève ...	30.06	64	N	3	b	30.15	*	58	+2	NE	2	m	1	-	70	54	-	-	-				
Brest (St. Mathieu) ...	30.12	62	NNW	3	c	30.12	-0.01	59	-1	NE	2	m	2	-	70	59	-	-	-				
Lorient (Bec Melen)...	30.03	68	W	2	b	30.00	-0.03	59	-	ENE	3	b	1	-	75	55	-	-	-				
Rochefort (Ile d' Aix)	30.00	73	ENE	3	b	29.99	+0.01	61	-2	ENE	4	c	*	-	82	59	-	-	-				
Biarritz ...	29.89	72	NE	3	b	29.88	-0.02	64	-4	ESE	3	b	1	-	77	63	-	-	-				
Paris ...	30.09	64	NNE	2	b	30.14	+0.03	54	0	NNE	1	b	*	-	71	46	-	-	-				
Belfort ...	30.05	64	-	0	c	30.11	*	54	+2	-	0	m	*	-	72	48	-	-	-				
Lyons ...	30.03	66	-	0	b	30.08	*	56	+1	-	0	b	*	-	70	51	-	-	-				
Nice ...	29.90	67	-	0	b	29.97	+0.04	69	+1	-	0	b	2	-	77	59	-	-	-				
Perpignan ...	29.89	76	ENE	1	b	29.97	+0.01	68	-5	ENE	2	o	*	-	86	64	-	-	-				
Sanguinaire ...																							
Corunna (S. a. m.) ...	29.97	71	NNW	2	b	29.90	+0.04	61	-5	N	1	f	2	0.16	75	57	-	-	-				
Lisbon (S. a. m.) ...	29.98	67	WSW	4	o	29.91	+0.05	63	+2	W	2	o	5	Trace	73	64	-	-	-				
Gibraltar ...																							
Azores (Horta S. a. m.)	30.28	72	W	1	bc	30.18	-0.01	74	+6	SSW	4	bc											



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 16<sup>TH</sup> AUGUST.



GENERAL INFERENCE

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON

Sunday

TO NOON Monday.

0 {  
a  
b

1

2 {  
a  
b

3

4 {  
a  
b

5

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.

6 {  
a  
b

7 {  
a  
b

8 {  
a  
b

9 {  
a  
b

10 {  
a  
b

11 WESTERN CHANNEL AND BAY.

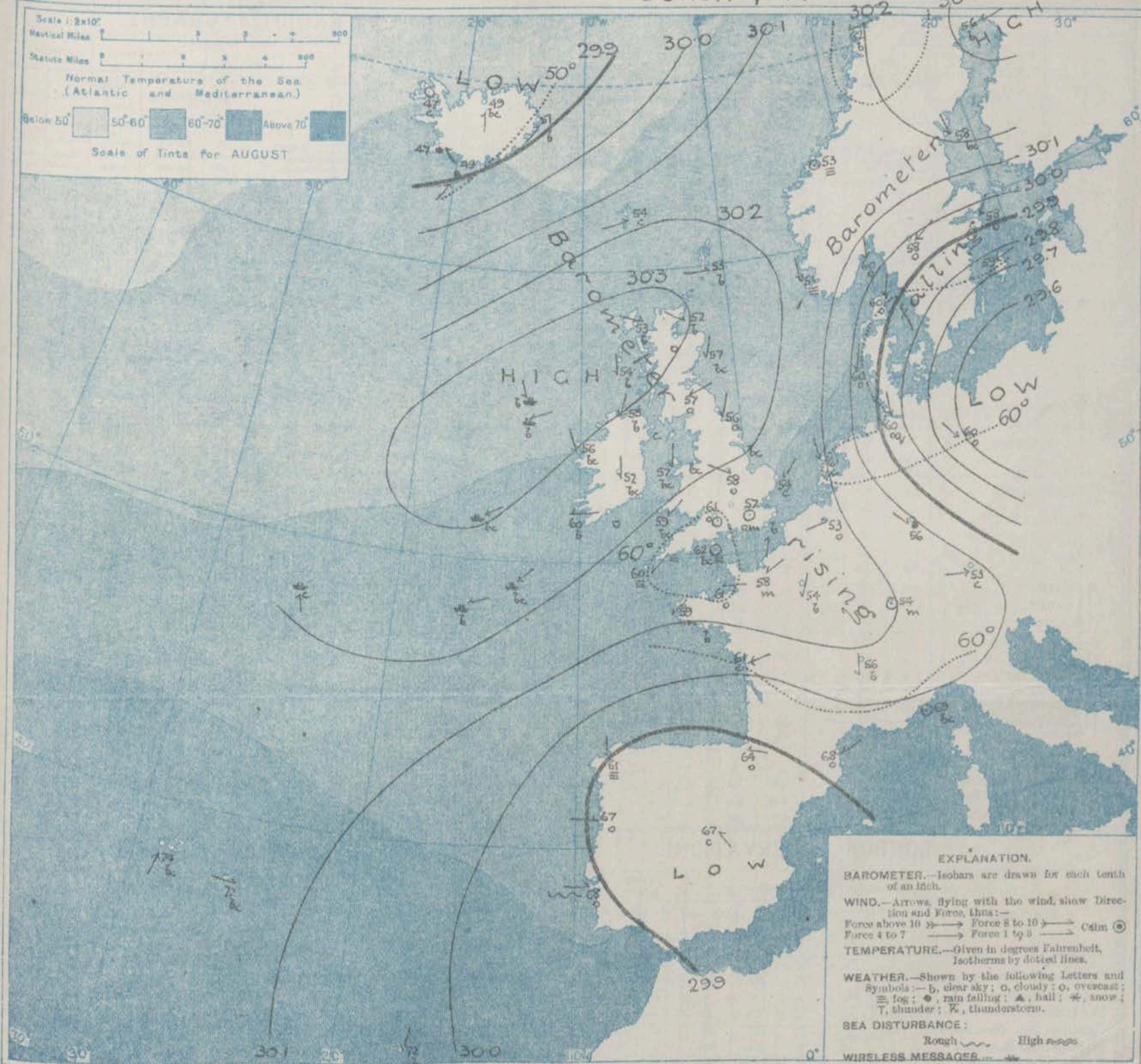
THE FURTHER OUTLOOK.

*None Issued.*

*None Issued.*



# SYNOPTIC CHART FOR 7 A.M. SUNDAY, 17<sup>TH</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.3 in. in an anticyclone extending from the south-westward across the north of Scotland, below 29.5 in. in a depression over eastern Germany, and below 29.9 in. over the Spanish Peninsula, as well as in Iceland.

The North-easterly to northerly wind in the rear of the German depression is moderate to strong or high over Denmark and the south of Scandinavia, but elsewhere the wind has little force. Over these Islands it is mainly between North and East, and between Scotland and Iceland it is westerly to south-westerly.

Temperature has fallen somewhat in most districts. Over the United Kingdom it ranges from 62° or 61° at a few southern and south-western stations to about 53° in the north of Scotland and in central Ireland. At Bodø it is as high as 63°. Fair to bright weather is reported over the greater part of these Islands, but fog still prevails in the extreme south-west of England. On the continent the condition of the sky varies a good deal. Rain is falling at Frankfurt, and at Bremen and on the west coast of Norway the weather is foggy.



## DAILY WEATHER REPORT.

Sunday, 17th August. 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- H H	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- H H	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
17th 7 a.m.	49	13	Minneapolis	H	30.32	+0.1	NE	4-5	bc.	16th 7 p.m.	55	15	Minneapolis	H	30.32	+0.4	NE	4-5	bc.
" "	50	12	St. Louis	H	30.26	+0.10	NNW	1-3	b.	" 6 p.m.	55	11	St. Louis	H	30.30	+0.2	SW	1-3	b.
" "	50	11	Minneapolis	H	30.30	+0.3	ENE	1-3	b.	" 1 p.m.	51	9	Minneapolis	H	30.30	+0.2	WNW	4-5	c.
16th 6 p.m.	47	32	Olympic	O	30.03	-0.2	ESE	4-5	b.	" 7 a.m.	47	24	Olympic	O	30.26	+0.5	ENE	1-3	c.
" "	49	24	Delmonico	O	30.20	-0.2	SE	1-3	b.	" "	52	23	Delmonico	H	30.18	+0.1	W	1-3	c.
" "	50	21	Cadmo	O	30.30	-0.1	-	-	b.	" "	47	22	Delmonico	H	30.26	-0.2	W	1-3	b.
" "	52	20	Delmonico	H	30.34	+0.2	NW	1-3	b.	" "	55	19	Delmonico	H	30.26	-0.2	W	1-3	b.
" "	48	20	Delmonico	H	30.23	-0.5	ENE	1-3	b.	" "	55	16	Delmonico	H	30.19	+0.2	WNW	4-5	b.
" "	47	18	Delmonico	H	30.29	-0.1	NE	4-5	b.	" "	50	16	Delmonico	H	30.28	+0.8	WNW	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.	Hr.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	Hr.
			Max.	Min.	Forenoon.	Afternoon.						Max.	Min.	Forenoon.	Afternoon.		
		In.	F.	F.			Gr.				In.	F.	F.				
Scotland.	Oban ... ..	...							England, S.E.	Margate ... ..	-	67	57	b	b	12.5	12.5
	Stonehaven ... ..	...								Ramsgate ... ..	-	61	53			10.8	10.8
	Carnoustie ... ..	-	67	56			7.3			Folkestone ... ..	-	67	56	bc.b	bc		
	St. Andrews ... ..									Hythe ... ..							
England, N.E.	Harrogate ... ..	0.01	70	54	op.c	c.o.	1.2		England, S.E.	Littlestone ... ..						10.8	10.8
	Scarborough ... ..									Hastings ... ..	-	66	56	bc.b	bc.b	7.8	7.8
England, N.W.	Douglas ... ..									Bexhill-on-Sea ... ..	-	67	57	bc	bc.b	8.4	8.4
	Blackpool ... ..		72	60	eg	c.o.	3.6			Eastbourne ... ..	-	65	56	bc	c.	8.6	8.6
	Southport ... ..		71	59	3.0 bc	b.o.	4.6			Seaford ... ..	-	67	55	o.b. bc	b	9.0	9.0
										Brighton ... ..	-	67	58	c	c.o	7.4	7.4
Mid-lands.	Buxton ... ..	0.11	71	53	sc.c	c.be.	2.5			Worthing ... ..	-	68	50	bc.b	c.o	6.7	6.7
	Leamington Spa ... ..	0.02	76	64	bc	bc	4.7			Littlehampton ... ..	-						
	Malvern ... ..									Southsea ... ..							
Wales.	Rhyl ... ..	-	70	62	c.b	b.	5.0			Ryde ... ..	-	70	?	bc	bc	6.0	6.0
	Colwyn Bay ... ..								Ventnor ... ..								
	Llandudno ... ..	-	68	60	c.b	b	5.5		Bournemouth ... ..	-	67	59	o.b.c	bc.	3.5	3.5	
	Bettws-y-Coed ... ..																
England, E.	Lowestoft ... ..								England, S.W.	Weymouth ... ..	0.03	69	59	o.b.c	c.o	1.3	1.3
	Felixstowe ... ..		65	48	bc.b	b	12.5			Exmouth ... ..							
Walton-on-Naze ... ..		64	49	bc.b	b	12.4		Teignmouth ... ..		-	71	61	c.b.c	bc.	1.9	1.9	
Southend-on-Sea ... ..		67	57	b	b	12.1		Torquay ... ..									
								Paignton ... ..		-	68	61	bc	bc	2.7	2.7	
								Falmouth ... ..		-	70	61	c	b	5.4	5.4	
								Bude ... ..	-	71	61	b	b	3.7	3.7		
								Ilfracombe ... ..	-	68	60	f	f	0.1	0.1		
								Weston-super-Mare ... ..									

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.	
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.			
			Max.	Min.		Max.				Min.		Max.						Min.		
	24 HOURS ENDED 9 A.M. TO-DAY.																			
Greenwich (Royal Obs.) ...	48	74	75	52	41	-	c.c.c	o.c.o	o.	3.9	Dublin to 4 p.m.	In.	F.°	F.°	F.°	o.c.b.	bc	bc.o	1.7	
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	3.7	Plymouth to 9 p.m.	-	73	61	58	o	c.b.c	bc	2.2	
Westminster (St. James's Pk.)	55	75	67	56	50	-	b.b	bc	b.	3.5	Darwen	o.o.i	74	56	56	o.c.c	o.c.c	bc	2.4	
Camden Sq. (Brit. Rainfall)	49	73	77	53	51	-	c.b.c	bc	c.b.m	4.4	Manchester	o.o.5	75	58	55	o.o.r	o.b.c.	o.b.c	2.1	
Hampstead (Reservoir) ...	*	73	71	54	44	-	c.b	b	c.b.	4.8	Birmingham	-	73	56	53	o	o.c	c	2.0	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.											74	57	51	ogf	fo.c.	o.b.c.m	
			Total.		Mean Rate.		Max. Rate.													
S. Kensington (Roof of M.O.)	51	73	111.4	Joules.	24.3	Milliwatts.	55.5	Milliwatts.		4.2	S. Kensington (Museum Grounds to 6 p.m.)		74	57	45	o.c	o.b.c	bc.c	1.9	

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

17th & 18th Aug 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.40 4.42	G.M.T. 11.57 11.57	G.M.T. 7.14 7.12
Greenwich	4.50 4.52	12.4 12.4	7.18 7.16
Wick	4.40 4.42	12.16 12.16	7.52 7.50
Valencia	5.29 5.31	12.45 12.45	8.2 8.0

## NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to above 70° in several parts of Great Britain, but remained below 65° at most stations on the east coast. Rain fell in various parts of the Kingdom, but the quantity was generally slight. At Nottingham thunder showers were experienced. More than 10 hours of bright sunshine were recorded on the E. and S.E. coasts of England, very little at most places in the west and north. Wireless reports show that as far west as the 32nd meridian there was a light or moderate breeze varying in direction between North-East and East or South-East.

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.



1913.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,  
18th August, 1913.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.			
	At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Dir.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dir.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
Lerwick ... ..	30.35	57	W	3	bc	30.36	-0.01	54	+1	NNW	3	c	2	-	59	48	bc	bc	bc	Hours	
Stornoway ... ..	30.39	60	NNE	3	b	30.40	-0.00	54	+1	NE	3	b	3	-	64	46	b.bc.	b	b	11.0	
Castlebay (Barra Isd.)	30.38	58	NNW	3	b	30.37	+0.01	56	+2	E	3	b	2	-	61	53	b.o.bc.	bc.b	b	13.0	
Glasgow ... ..	30.34	60	ESE	3	c	30.40	-0.00	46	-9	-	0	b	0	-	65	43	o.c	o.c.bc.	c.b.c.	2.4	
Malin Head....	30.34	57	NNE	3	b	30.35	-0.00	56	+1	E	1	b	0	-	61	53	bc	bc	b	0	
Blacksod Point ...	30.33	60	NNE	3	bc	30.27	-0.06	57	+1	NE	2	c	2	Trace	63	52	bc	bc	bc	0	
Valencia ... ..	30.25	66	NNE	2	b	30.23	-0.02	54	-6	-	0	b	3	-	69	49	bc	bc	bc	13.6	
Roche's Point ...	30.25	63	SSE	2	b	30.23	-0.02	60	0	NE	2	o	2	Trace	68	53	c.b	b	b.c.m.	0	
Birr Castle ... ..	30.25	67	NNE	1	bc	30.26	-0.01	58	+6	E	1	m	0	-	68	51	c	bc	bc	11.9	
Donaghadee ... ..	30.30	59	N	3	c	30.35	+0.01	54	-1	ESE	3	b	3	-	61	54	bc	bc	c.b	0	
Liverpool Obsy. ...	30.26	60	ESE	4	o	30.30	+0.01	54	-4	ESE	4	b	3	-	63	52	b	bc	c.b	4.0	
Holyhead ... ..	30.24	63	NE	2	b	30.27	-0.00	58	+1	ESE	5	cm	4	-	66	56	bc	bc	bc	8.1	
Pembroke (St. Ann's Hd.)	30.18	59	N	4	b	30.22	+0.03	59	0	E	4	cm	3	Trace	67	56	bc	bc	bc	12.2	
Newquay ... ..	30.15	64	N	2	c	30.17	+0.03	60	-1	E	4	b	2	-	66	55	cf.b.	b.bc.	c.b	6.0	
Scilly (St. Mary's) ...	30.15	63	NE	3	cm	30.16	-0.00	60	0	E	4	cm	3	-	66	58	cf	cm	cm	4.2	
Jersey (St. Aubin) ...	30.13	70	E	3	c	30.15	-0.02	61	0	ESE	5	cm	4	-	74	59	b	b.bc.	bc	8.4	
Portland Bill ... ..	30.16	63	NE	3	bc	30.19	+0.01	58	-4	NE	5	c	3	-	67	56	c	bc	bc	0	
Dungeness ... ..	30.21	63	NE	4	bc	30.21	-0.01	59	+3	NE	5	o	3	-	66	56	bc	bc	c.o.p.	0	
Dover ... ..	30.20	59	NE	3	b	30.24	-0.04	56	-6	NE	4	r	4	Trace	66	57	b.bc.	b	bc	11.1	
Wick ... ..	30.40	56	NW	2	bc	30.40	-0.00	51	-1	NW	2	o	2	-	61	43	b.bc.	bc	bc	0	
Nairn ... ..	30.37	61	ESE	1	bc	30.40	-0.00	50	-5	-	0	bc	0	-	64	41	b	bc	bc	6.9	
Aberdeen ... ..	30.37	59	N	3	b	30.38	-0.00	50	-7	NW	3	b	2	-	64	45	bc	bc	bc	13.4	
Leith ... ..	30.33	62	NE	2	c	30.36	+0.02	54	-3	ESE	2	b	0	-	68	50	o.c	c.bc.	b	0	
North Shields ... ..	30.32	57	NNE	3	c	30.34	-0.02	54	-2	NNE	2	c	3	Trace	60	49	d	c	c	0	
Spurn Head ... ..	30.26	59	ESE	5	o	30.27	-0.00	59	+1	NNE	4	o	4	Trace	65	53	bc	bc	bc	6.9	
Yarmouth ... ..	30.33	59	NNE	2	c	30.22	-0.01	57	+3	N	4	o	2	-	65	55	bc	bc	bc	6.6	
Clacton-on-Sea ... ..	30.20	62	ESE	2	bc	30.22	-0.00	57	-2	NNE	2	o	1	-	65	55	bc	bc	bc	12.1	
Nottingham ... ..	30.25	64	NE	4	o	30.31	-0.06	55	-3	NNE	3	c	0	-	72	53	cm	c.o	o	1.8	
Bath ... ..	30.18	71	NE	2	b	30.27	-0.09	57	-4	NE	3	o	0	-	74	54	cm	c.o	o	3.7	
London (Kew Obsy.) ...	30.19	69	E	2	bc	30.25	+0.01	57	0	NE	3	o	0	Trace	73	55	cm	bc	bc	10.6	
Spitzbergen ... ..	29.99	42	NW	2	o	29.83	-0.04	32	-9	NW	1	f	0	-	43	32	o	o	o	0	
Isafjord ... ..	29.85	50	E	4	r	29.78	-0.03	54	+7	SW	2	f	0	-	0	0	o	o	o	0	
Reykjavik ... ..	29.96	54	SSW	4	o	29.85	-0.03	54	+7	SE	7	o	0	-	0	0	o	o	o	0	
Vestmanna ... ..	30.00	54	SW	4	o	29.93	-0.01	51	+2	SSE	5	o	0	-	0	0	o	o	o	0	
Seydisfjord ... ..	29.94	64	SSW	4	c	30.04	-0.01	52	+1	-	0	bc	0	-	0	0	o	o	o	0	
Thorshavn ... ..	30.30	53	WSW	3	m	30.38	+0.02	53	-1	-	0	o	0	-	0	0	o	o	o	0	
Haparanda ... ..	30.26	58	-	0	b	30.27	-0.03	52	-4	E	4	b	0	-	61	41	o	o	o	0	
Hernösand ... ..	30.14	60	N	4	c	30.13	+0.01	59	+1	N	4	c	0	-	61	57	o	o	o	0	
Stockholm ... ..	29.88	60	NE	4	r	29.88	+0.01	62	+4	ESE	2	o	0	0.59	63	58	o	o	o	0	
Wisby ... ..	29.84	58	SE	2	b	29.85	-0.01	59	0	NNE	2	o	0	0.16	66	52	o	o	o	0	
Karlstad ... ..	30.00	57	NNE	2	o	29.99	-0.00	55	-3	N	6	o	0	1.14	59	54	o	o	o	0	
Färder (X'ania Fjord)	30.03	62	NNE	6	o	30.04	+0.01	62	+2	N	6	o	0	0.04	66	57	o	o	o	0	
Bodö ... ..	30.31	61	-	0	b	30.27	-0.00	53	-9	WSW	2	o	0	2	64	48	o	o	o	0	
Christiansund ... ..	30.26	54	-	0	bc	30.32	+0.02	53	0	ESE	1	f	2	6.08	54	50	o	o	o	0	
Skudesnaes ... ..	30.12	53	N	0	bc	30.10	-0.00	56	+2	N	4	f	2	-	57	50	o	o	o	0	
The Scaw (Skagen) ...	29.98	59	NE	5	T	29.99	+0.01	58	-2	NNE	5	o	2	0.32	63	57	o	o	o	0	
Blaavands Huk ... ..	30.01	60	N	5	m	30.03	+0.01	59	-1	N	3	o	2	-	63	57	o	o	o	0	
Cuxhaven ... ..	29.96	60	N	6	o	29.99	-0.00	60	0	N	4	o	2	-	63	59	o	o	o	0	
The Helder ... ..	30.16	59	NNW	5	c	30.15	+0.02	59	-2	NNW	4	o	2	-	63	55	o	o	o	0	
Brussels ... ..	30.16	59	NNW	3	b	30.17	-0.00	57	+4	NNE	1	o	0	2	66	53	o	o	o	0	
Berlin ... ..	29.77	63	W	4	o	29.91	+0.04	63	+3	W	1	o	0	0.47	63	59	o	o	o	0	
Frankfurt ... ..	30.07	62	SW	1	c	30.10	+0.03	59	+3	SW	1	o	0	-	64	55	o	o	o	0	
Munich ... ..	30.07	56	SW	5	bc	30.12	+0.01	55	+2	SW	2	o	0	0.04	64	50	o	o	o	0	
C. Gris Nez ... ..	30.19	61	NE	4	b	30.18	-0.00	60	+1	NE	4	o	3	-	66	57	o	o	o	0	
La Hève ... ..	30.15	62	ESE	3	m	30.10	-0.00	59	+1	ESE	4	bc	3	-	73	54	o	o	o	0	
Brest (St. Mathieu) ...	30.08	67	NE	3	c	30.11	-0.00	60	+1	ESE	5	o	3	-	77	57	o	o	o	0	
Lorient (Bec Melon) ...	29.92	68	ESE	2	c	30.00	-0.00	59	0	E	5	o	0	-	78	54	o	o	o	0	
Rochefort (Ile d'Alx) ...	29.91	73	NE	5	o	29.90	+0.01	63	+2	ESE	5	o	0	-	82	61	o	o	o	0	
Biarriz ... ..	29.81	75	E	3	bc	29.90	+0.04	69	+8	WSW	4	b	2	-	82	64	o	o	o	0	
Paris ... ..	29.98	64	NE	2	b	30.13	+0.01	58	+4	NNE	3	bc	0	-	71	54	o	o	o	0	
Belfort ... ..	30.09	63	E	4	m	30.11	-0.00	54	0	ESE	6	f	0	-	72	48	o	o	o	0	
Lyons ... ..	30.04	69	-	0	b	30.06	-0.00	60	0	-	0	c	2	-	74	56	o	o	o	0	
Nice ... ..	30.02	65	-	0	c	30.07	+0.01	64	0	-	0	c	0	-	79	61					

## GALES.

Duration and Extreme Force  
on British Coasts.

\* Information for these columns not usually received.

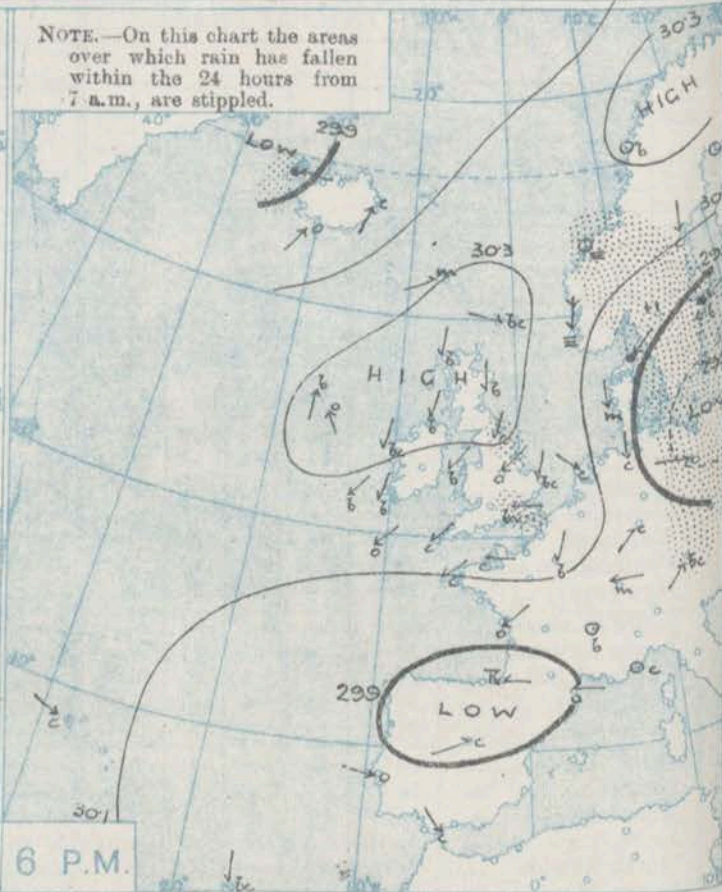
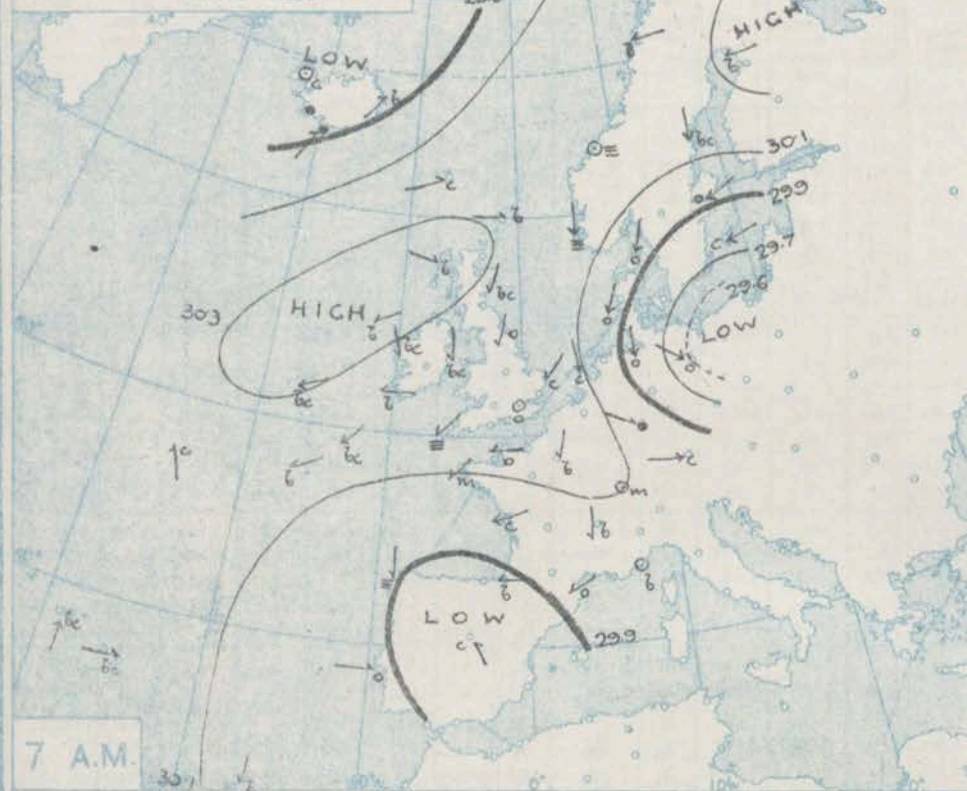
† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 17<sup>TH</sup> AUGUST.



NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



## GENERAL INFERENCE

## WEATHER PROSPECTS.

The barometrical changes in progress are very slight, and there are no indications of any great modification

in the general distribution of pressure.

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

0 {  
a  
b

Light variable winds; fair to bright; moderately warm.

1 {

Wind light or moderate between North West and North East; fair or fine; moderate temperature.

2 {  
a  
b

Wind Northerly or North Easterly, light or moderate, fresh in places; mostly fair, but dull at times, some local showers on coast; cool air

3 {

Northerly and North Easterly winds light or moderate; fair generally; air rather cool.

4 {  
a  
b

Wind between East and North East, moderate or fresh, strong at times on Channel; mostly fair, dull intervals; air rather cool

### 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.

6 {  
a  
b

Same as No. 0.

7 {  
a  
b

Same as No. 4.

8 {  
a  
b

Wind mainly Easterly, light to moderate or fresh; mostly fair to bright; moderate or rather low temperature.

9 {  
a  
b

Wind mainly between East and North East, light or moderate; fair to bright generally; moderate temperature.

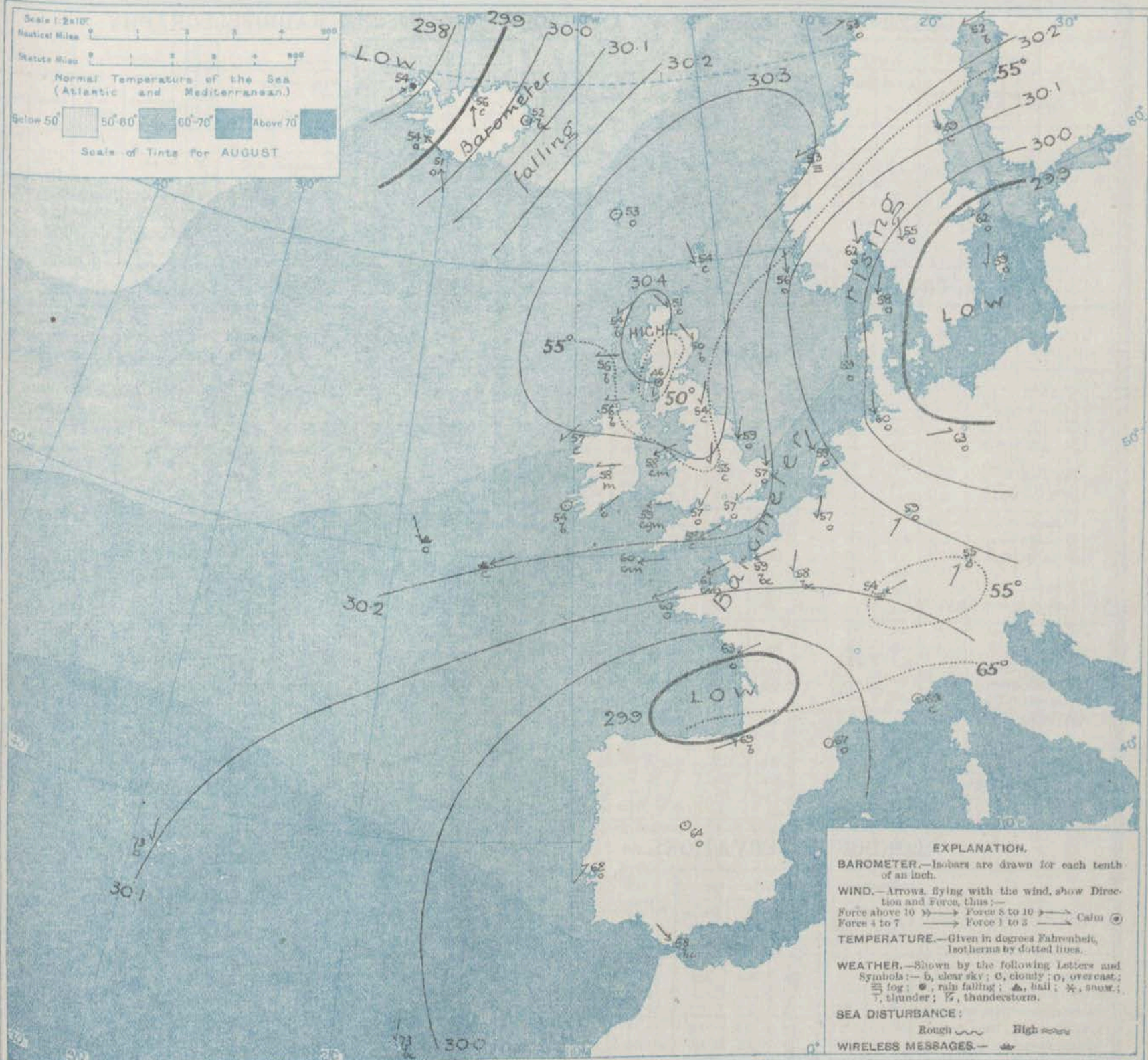
10 {  
a  
b

11 WESTERN CHANNEL AND BAY. Easterly winds, moderate to fresh or strong; mostly fair; sea moderate.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. MONDAY, 18<sup>TH</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The central portion of an anticyclone, with the barometer above 30.3 in., covers Scotland, the northern parts of England and Ireland, and extends beyond Scotland to the north-west of Norway. Pressure is below 29.9 in. in a depression over the Baltic region, and also in another system having its centre not far from Bordeaux, while in the north-west of Iceland the readings are below 29.8 in.

Over Scandinavia, Denmark and the North Sea the wind is moderate or fresh from the northward, on our south-east coasts light to fresh from the north-eastward, and on the channel and over the

north of France, moderate or fresh from East or North-East. Along the western seaboard of these Islands the wind is light and mainly Easterly. Temperature has fallen in most regions. Over the United Kingdom it ranges from about 60° at some southern and south-western stations to 50° at Harrow and Aberdeen and to 46° at Glasgow. The sky is clear or nearly so over a large area in the north and west of these Islands, but in the east and south there is much cloud; at Dover rain is falling. A good deal of cloud is also reported at the Continental stations.



## DAILY WEATHER REPORT.

Monday, 18th August 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H Inward. H	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H Inward. H	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
18th 7a.m.	50	18	<i>Campana</i>	O	30.24	-.02	W	1-3	O	17th 6p.m.	55	8	<i>Humidian</i>	H	30.42	+.00	ENE	4-5	b
17th 6p.m.	56	17	<i>Campana</i>	O	30.30	-.01	S	4-5	b	" 7p.m.	55	12	<i>California</i>	O	30.45	+.02	NE	1-3	c
"	55	15	<i>California</i>	O	30.43	-.03	SE	8-9	O	"	49	13	<i>Zealand</i>	H	30.20	-.02	NE	4-5	c
"	51	12	<i>Campana</i>	O	30.29	-.00	NE	4-5	b	" 7a.m.	48	26	<i>Cedric</i>	O	30.20	-.05	SE	1-3	b
"	49	11	<i>Zealand</i>	H	30.17	-.02	E	4-5	O	"	51	7.16	<i>Ascania</i>	H	30.21	+.02	ENE	4-5	b
"	49	10	<i>Minneapolis</i>	H	30.22	+.00	NE	4-5	O	"	48	16	<i>Zealand</i>	H	30.21	-.01	ENE	1-3	b

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

TEMPERATURE, RAINFALL, WIND, AND HUMIDITY FOR 1901.															
STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
		In.	F.	F.			Hr.			In.	F.	F.			
Scotland, N.E.	Oban ... ..	...	...	...	...	...	...	Margate ... ..	...	...	68	49	b	b	
	Stonehaven ... ..	0.05	62	52	b.c.	b	8.9	Ramsgate ... ..	...	...	62	?			
	Carnoustie ... ..	0.04	64	55	"	"	2.3	Folkestone ... ..	...	...	69	52	c.b.b.c.	b.c.b	
	St. Andrews ... ..	...	...	...	...	...	...	Hythe ... ..	...	...	...	...	...	...	
England, N.E.	Harrogate ... ..	0.02	58	55	0	0.c.	0.0	Littlestone ... ..	...	...	...	...	...	...	
	Scarborough ... ..	"	63	56	0	0.c.	0.0	Hastings ... ..	...	...	66	54	b	b	
	England, N.W.	Douglas ... ..	"	65	53	b.g.	egg.	5.7	Bexhill-on-Sea ... ..	...	...	66	56	b.c.b	b
		Blackpool ... ..	"	65	59	c.b	a.	0.3	Eastbourne ... ..	...	...	66	51	b.c.	b
Southport ... ..		"	63	58	0.c.0	0.	0.2	Seaford ... ..	...	...	...	...	...	...	
Brighton ... ..		...	...	...	...	...	...	Worthing ... ..	...	...	67	59	c.b.c.b	b	
Mid-lands.	Buxton ... ..	0.02	61	54	0.c.	0.	0.0	Worthing ... ..	...	...	68	58	b	b	
	Leamington Spa ... ..	"	72	65	0	c	1.0	Littlehampton ... ..	...	...	"	"	"	"	
	Malvern ... ..	"	"	"	"	"	2.0	Southsea ... ..	...	...	73	58	b.c.b.	b	
	Wales.	Rhyl ... ..	"	62	57	a	a	5.1	Ryde ... ..	...	...	70	62	b	b.c.
Colwyn Bay ... ..		"	64	55	b	b.b.c.	7.0	Ventnor ... ..	...	...	...	...	...	...	
Llandudno ... ..		"	68	56	b	b.c.c.	7.4	Bournemouth ... ..	...	...	73	55	c.b.c.b	b	
Bettws-y-Coed ... ..		"	"	"	"	"	"	Weymouth ... ..	...	...	73	59	c.b	b.b.c.	
England, E.	Aberystwyth ... ..	"	66	58	c.b.	b.b.c.	11.5	Exmouth ... ..	...	...	"	"	"	"	
	Lowestoft ... ..	"	62	48	0.c.b.	b.c.0	6.3	Teignmouth ... ..	...	...	75	62	b.c.	b.c.	
	Felixstowe ... ..	"	65	49	b.c.b	b.	12.6	Torquay ... ..	...	...	74	62	0	c.b.c.	
	Walton-on-Naze ... ..	"	65	51	b.c.b	b.	10.7	Paignton ... ..	...	...	73	60	af.b.	b.c.	
England, S.W.	Southend-on-Sea ... ..	"	68	54	b	b.	11.3	Falmouth ... ..	0.12	71	59	0.c.b.	deg.b		
								Bude ... ..	"	75	59	b	b		
								Ilfracombe ... ..	"	69	59	g.b	b.		
								Weston-super-Mare ... ..	"	76	61	b.c.b	b.		

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.			Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.	
Greenwich (Royal Obs.) ...	53	71	73	55	48	-	b	b	6.0
City (Bunhill Row) ...	"	"	"	"	"	"	"	"	10.1
Westminster (St. James's Pl.)	63	85	72	57	51	-	b.c.b	b.c.	10.7
Camden Sq. (Brit. Rainfall)	"	71	77	56	55	-	b	b	10.4
Hampstead (Reservoir) ...	"	80	73	53	46	0.01	b.c.c	b.c.	11.3
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.			Mean Rate.		Max. Rate.				
S. Kensington (Roof of M.O.)			1628 Joules.		31.2 Milliwatts.		58.5 Milliwatts.		10.7

## Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.
Dublin to 9 a.m.	Trace	?	53	51	ad.b	b.c
Plymouth to 9 p.m.		69	62	61	0	c.b.c.
Darwen "						
Manchester "						
Birmingham "		69	57	53	0	c.c.
Oxford to 8 p.m.		74	57	52	0	c.b.c.
S. Kensington (Museum Grounds to 6 p.m.)		74	56	54	0.3	b

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

18th-19th Aug. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.42 11.57	G.M.T. 11.57 7.12	G.M.T. 7.12 7.10
Greenwich ...	4.52 12.4	12.4 7.14	7.14 7.10
Wick ...	4.42 12.14	12.14 7.50	7.50 7.47
Valencia ...	5.31 12.45	12.45 8.0	8.0 7.58

During yesterday temperature rose to 70° or above at many places over the southern part of England, touching 76° at Weston super-Mare. In the east and north-east the maxima were much lower, very little above 60° at many places. Bright sunshine was very general in the east and south of England, and also at some south western and western stations, and over Ireland and the Hebrides. In the north west, north and north-east of England the day was very dull.

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 wrapping.



1913.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,  
19th August, 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Weather.			Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.				
Lerwick ... ..	In. 30.34	F. 56	N	4	b	In. 30.26	-.02	F. 53	-1	NNE	4	c	4	In. 59	F. 52	b	b	cloud	Hours 12.4				
Stornoway ... ..	30.32	58	NE	3	b	30.25	-.03	52	-2	-	0	b	0	64	44	b	b	b	12.0				
Castlebay (Barra Isd.)	30.30	61	WNW	2	b	30.23	-.01	56	0	E	2	b	1	62	53	b	b	b	12.0				
Glasgow ... ..	30.29	61	ESE	1	b	30.28	-.02	51	+5	-	0	m	1	66	46	b	b	b	12.6				
Malin Head ... ..	30.28	56	E	3	b	30.24	-.00	53	-3	SSW	3	b	1	61	49	b	b	b	12.0				
Blacksod Point ... ..	30.23	62	NW	1	c	30.19	-.02	58	+1	ESE	3	c	2	66	55	b	b	b	12.0				
Valencia ... ..	30.20	64	WSW	1	b	30.20	+.01	58	+4	-	0	cm	2	67	54	b	b	b	12.7				
Roche's Point ... ..	30.23	63	E	2	c	30.22	-	57	-3	NE	1	0	1	66	55	c	c	c	12.0				
Birr Castle ... ..	30.21	65	E	2	c	30.21	-	47	-11	NE	1	b	1	68	44	o	o	o	12.4				
Donaghadee ... ..	30.29	58	NE	1	b	30.26	-.00	58	+4	E	3	b	3	64	49	b	b	b	12.0				
Liverpool Obsy. ... ..	30.22	62	NE	2	b	30.24	-.00	50	-4	ESE	1	b	1	66	48	b	b	b	11.0				
Holyhead ... ..	30.24	60	ESE	3	bm	30.22	+.01	54	-4	ESE	2	b	2	63	52	b	b	b	11.2				
Pembroke (St. Ann's Hd.)	30.18	61	NNE	3	b	30.19	-.00	53	-6	E	2	bm	1	66	52	cm	cm	cm	12.6				
Newquay ... ..	30.15	62	N	3	b	30.16	+.01	57	-3	E	1	b	2	65	51	b	b	b	12.7				
Scilly (St. Mary's) ... ..	30.17	62	ESE	3	cm	30.15	+.01	54	-1	E	1	cm	2	67	55	cm	cm	cm	12.0				
Jersey (St. Aubin) ... ..	30.12	64	ESE	5	b	30.11	-	60	-1	NE	4	bm	4	69	58	b	b	b	12.2				
Portland Bill ... ..	30.14	62	-	0	b	30.14	-.00	57	-1	NE	4	b	3	66	56	b	b	b	12.0				
Dungeness ... ..	30.16	60	NE	5	og	30.15	-.01	57	-2	NNE	4	o	3	63	55	o	o	o	12.0				
Dover ... ..	30.15	59	NNE	4	r	30.11	-	55	-1	NNW	4	r	4	61	44	o	o	o	12.8				
Wick ... ..	30.25	55	NNE	2	b	30.28	-.03	53	+2	NNE	2	o	3	56	51	o	o	o	12.0				
Nairn ... ..	30.34	57	ESE	1	c	30.27	-	50	0	W	1	o	1	60	43	o	o	o	12.0				
Aberdeen ... ..	30.32	58	N	3	b	30.25	-.02	53	+3	NW	2	o	2	63	48	b	b	b	10.9				
Leith ... ..	30.31	58	NE	3	b	30.25	-.03	52	-2	NE	1	o	1	68	50	b	b	b	12.0				
North Shields ... ..	30.29	56	NNE	3	c	30.23	-.01	54	0	N	2	o	3	60	52	c	c	c	12.0				
Spurn Head ... ..	30.23	58	NNE	5	c	30.21	-.02	55	-4	NNE	3	og	4	61	52	o	o	o	12.9				
Yarmouth ... ..	30.19	59	N	4	c	30.14	-.02	55	-2	N	1	r	1	60	55	o	o	o	12.6				
Clacton-on-Sea ... ..	30.18	59	NNE	2	o	30.15	-.01	55	-2	NNW	2	o	0	62	54	o	o	o	12.4				
Nottingham ... ..	30.22	61	NE	4	b	30.21	-	53	-2	NNW	2	om	1	66	49	c	c	c	12.1				
Bath ... ..	30.18	65	NE	-	b	30.20	-	52	-5	-	0	b	1	69	45	b	b	b	12.4				
London (Kew Obsy.) ... ..	30.19	59	NE	3	o	30.18	-.00	55	-2	ESE	2	om	1	63	54	o	o	o	12.8				
Spitzbergen ... ..	29.72	42	NE	2	c	29.83	+.04	43	+11	-	0	o	1	46	32	-	-	-					
Isafjord ... ..	29.78	51	SW	5	b	29.87	+.03	49	-5	-	0	o	1	-	-	-	-	-					
Reykjavik ... ..	29.91	52	S	3	b	29.94	+.01	48	-6	SSE	1	o	1	-	-	-	-	-					
Vestmanna ... ..	29.92	51	SW	1	b	29.95	-.00	48	-3	S	1	b	0	-	-	-	-	-					
Seydisfjord ... ..	29.99	61	SW	1	c	29.95	-.02	55	+3	-	0	o	1	-	-	-	-	-					
Thorshavn ... ..	30.37	54	WSW	2	o	30.28	-.03	51	-2	SSE	2	o	1	-	-	-	-	-					
Haparanda ... ..	30.17	57	N	2	b	30.14	-.01	58	+6	NNW	2	b	1	68	45	-	-	-					
Hernösand ... ..	30.12	57	N	2	c	30.05	-.00	59	0	NE	4	c	1	63	54	-	-	-					
Stockholm ... ..	29.87	59	N	2	o	29.80	-.01	61	-1	ESE	4	o	1	67	57	-	-	-					
Wisby ... ..	29.83	55	WNW	2	o	29.74	-.00	58	-1	N	2	f	1	61	54	-	-	-					
Karlstad ... ..	30.02	57	N	2	o	29.93	-.02	57	+2	NNW	4	o	1	61	55	-	-	-					
Färder (X'lania Fjord)	30.08	61	ESE	5	o	30.01	-.01	60	-2	N	6	o	2	64	59	-	-	-					
Bodö ... ..	30.33	55	-	0	b	30.32	-.00	54	+1	N	1	c	1	55	50	-	-	-					
Christiansund ... ..	30.30	54	NE	3	b	30.24	-.02	54	+1	ESE	3	b	2	57	50	-	-	-					
Skudesnaes ... ..	30.11	61	N	4	b	30.07	-.00	59	+3	SE	2	b	2	68	54	-	-	-					
The Scaw (Skagen) ... ..	30.04	60	NE	4	o	29.98	-.01	60	+2	N	3	o	1	61	57	-	-	-					
Blaavands Huk ... ..	30.06	60	NNE	2	o	30.04	+.01	60	+1	NNW	3	o	2	61	57	-	-	-					
Cuxhaven ... ..	30.03	60	N	3	o	30.01	-.00	59	-1	N	2	o	0	63	59	-	-	-					
The Helder ... ..	30.14	59	NNW	3	o	30.12	-.00	60	+1	NNW	1	c	1	61	57	-	-	-					
Brussels ... ..	30.12	60	NE	1	b	30.11	-.00	56	-1	ESE	2	r	1	70	55	-	-	-					
Berlin ... ..	29.99	61	W	2	o	29.99	-.00	59	-4	W	3	o	1	63	59	-	-	-					
Frankfurt ... ..	30.09	63	NE	1	o	30.08	+.01	61	+2	NE	1	o	1	72	59	-	-	-					
Munich ... ..	30.09	59	NE	1	c	30.07	+.01	56	+1	SE	2	c	1	61	52	-	-	-					
C. Gris Nez ... ..	30.15	59	NE	5	o	30.13	-.01	58	-2	NE	4	c	3	63	57	-	-	-					
La Hève ... ..	30.12	60	NE	4	c	30.09	-	58	-1	NE	4	o	3	68	54	-	-	-					
Brest (St. Mathieu) ... ..	30.08	66	NE	4	c	30.10	-.00	57	-3	NE	3	b	2	73	57	-	-	-					
Lorient (Rec Melen) ... ..	29.97	69	NE	4	c	29.97	-	59	0	NE	5	b	3	72	55	-	-	-					
Rochefort (Ile d'Aix) ... ..	29.93	68	NE	5	o	29.95	+.01	62	-1	ESE	3	o	1	81	62	-	-	-					
Biarritz ... ..	29.92	67	SE	3	c	29.96	+.03	68	-1	WNW	3	o	1	77	64	-	-	-					
Paris ... ..	30.05	65	NNE	2	o	30.04	+.01	59	+1	N	2	o	1	68	56	-	-	-					
Belfort ... ..	30.04	61	ESE	4	m	30.08	-	56	+2	R	2	f	1	67	51	-	-	-					
Lyons ... ..	?	76	S	2	b	30.08	-	63	?	?	1	o	1	82	60	-	-	-					
Nice ... ..	30.03	69	-	0	c	30.05	+.02	70	+1	-	0	b	3	79									

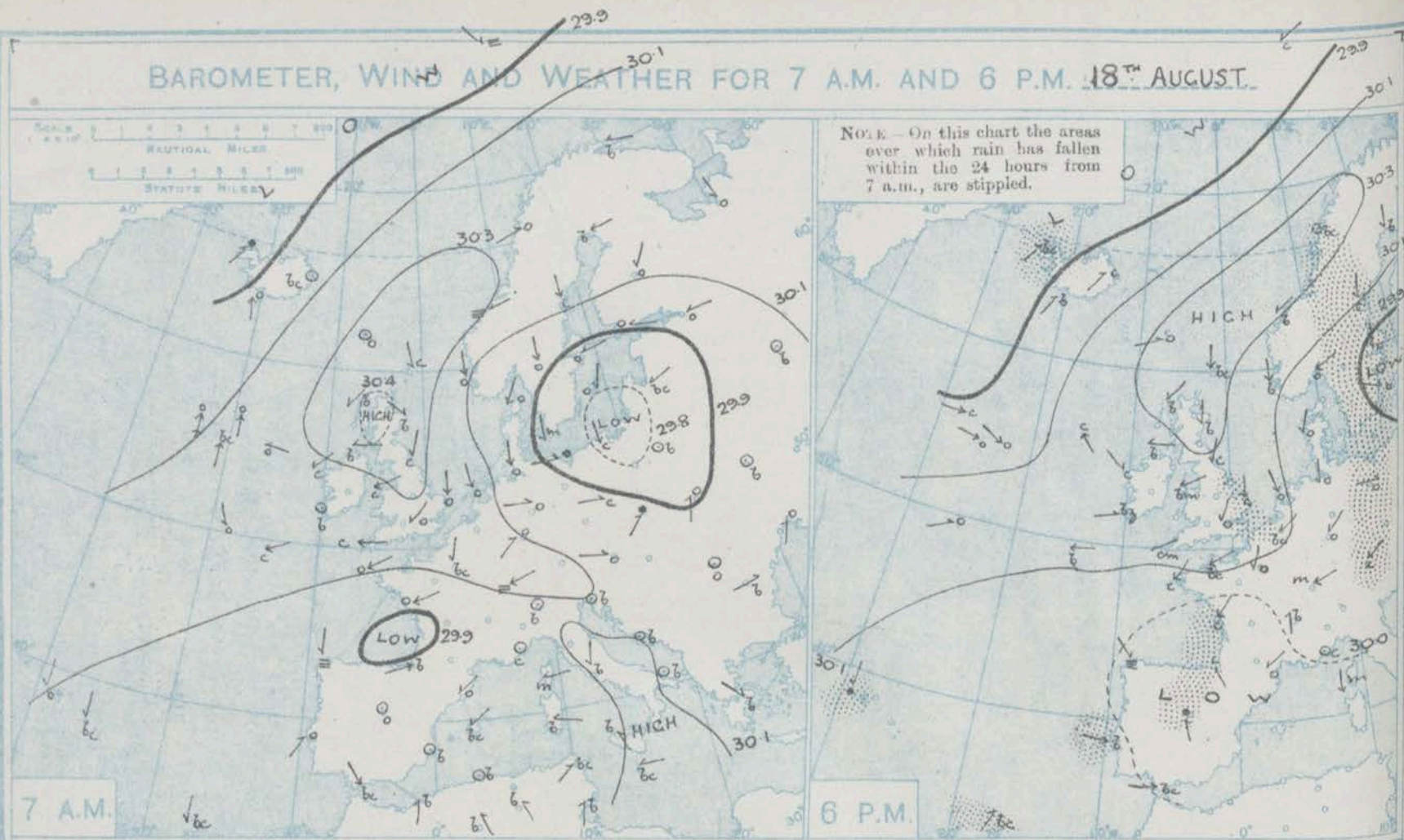
## GALLES.

Duration and Extremes Force  
on British Coast.

Thunderstorm yesterday.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 18<sup>TH</sup> AUGUST.



## GENERAL INFERENCE

The anticyclone system seems likely to maintain its influence over the

## WEATHER PROSPECTS.

United Kingdom for the present, although it may decrease somewhat in intensity.

## FORECASTS FOR THE 24 HOURS NOON TUESDAY.

## TO NOON WEDNESDAY.

- 0 { a } Wind mainly Northerly,
- 1 { b } North Easterly in places, light or moderate; a good deal of cloud, some slight local showers
- 2 { a } brighter intervals; cool
- 3 { b }
- 4 { a } Wind Northerly to North Easterly light; cloudy or dull to fairer; cool.
- 5 { b } North Easterly winds light; mostly cloudy or overcast, some slight showers locally, fairer intervals; cool.

## 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.

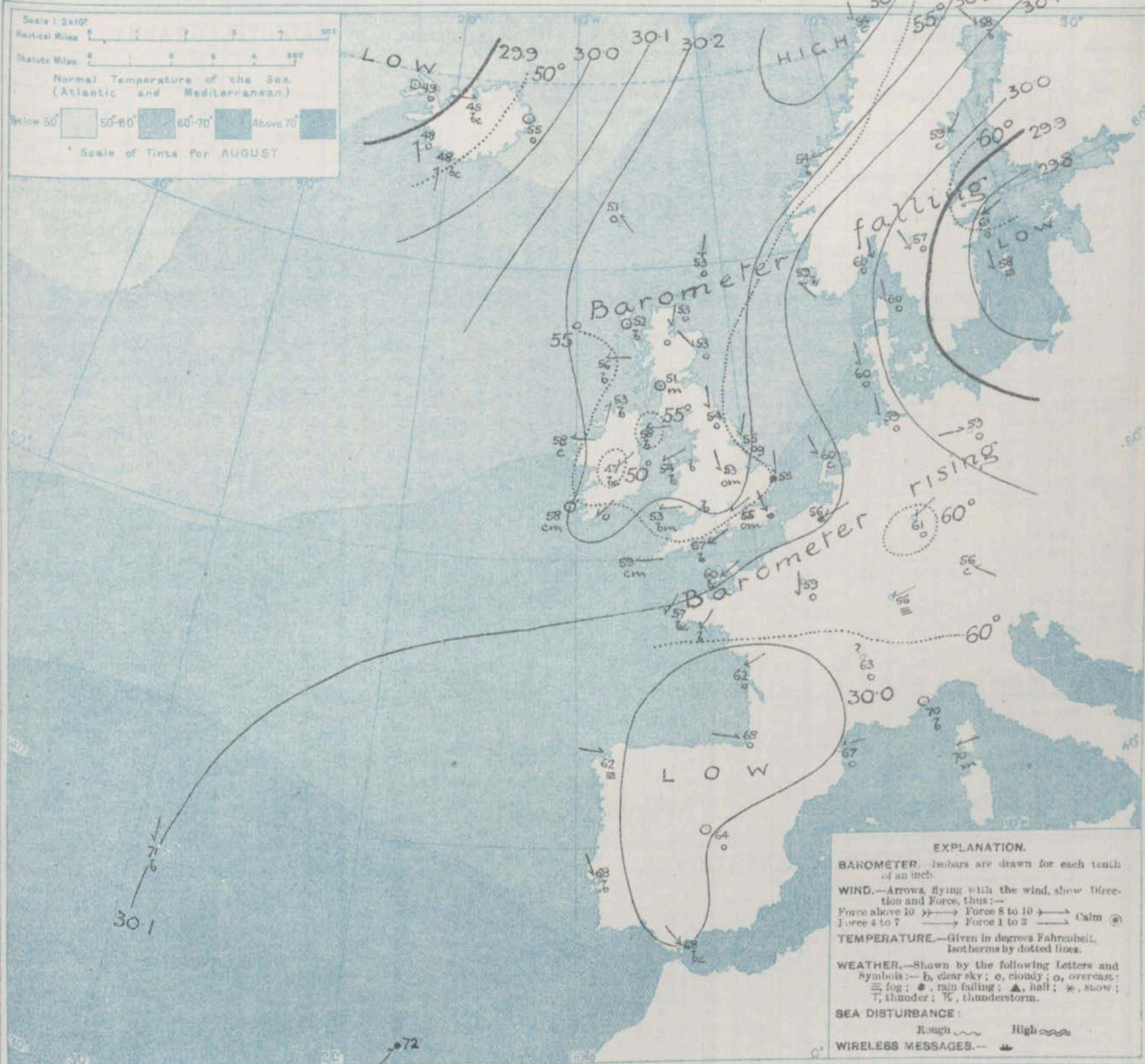
NO WARNINGS ISSUED

- 6 { a } Light variable winds, fine; moderate temperature.
- 7 { b }
- 8 { a } Wind mainly Easterly or North Easterly, light; fair to bright; moderate or rather low temperature.
- 9 { b }
- 10 { a } Light variable winds; fair to bright, moderate temperature.
- 11 { b } WESTERN CHANNEL Easterly and North Easterly winds, light or moderate; fair to bright; sea slight.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. TUESDAY, 19<sup>TH</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.3 in. at Bordeaux, and above 30.2 in. thence to Shetland and southward over nearly the whole of the British Isles. Over the south west of France it is below 30 in., in the north west of Ireland below 29.9 in., and over the upper part of the Baltic below 29.8 in.

The wind has little force over the United Kingdom and its immediate neighbourhood; it is mainly Northerly over the north Sea, and Easterly or North Easterly over the Channel and on our western coast. Temperature has fallen a little in most regions. At Bir Castle it is as

low as 47°, and at Naim and Liverpool 50°. The warmest parts of the British Isles are Seely and Jersey where the thermometer marks 59° and 60° respectively. Over the eastern half of Great Britain and at nearly all the Continental stations the sky is very cloudy or overcast, with slight rain at Great Yarmouth, Dover and Brussels. Over the western portion of the United Kingdom, however, and in Brittany the weather is fair to bright.



## DAILY WEATHER REPORT.

Tuesday, 19th Aug. 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward Homeward O H	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward Homeward O H	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
18th 6pm	56	27	Grampian	O	29.95	-0.7	W	4-5	c.	18th 7am	54	20	California	O	30.19	-0.9	S	4-5	bc
"	54	24	California	O	30.05	-0.2	W	4-5	o.	"	56	22	Grampian	O	30.02	-0.3	S	8-9	o.
"	49	24	Campania	O	30.18	-0.4	SW	1-3	o.	"	56	19	Virginia	H	?	0.0	S	6-7	o.
"	54	22	Laurentie	O	29.97	-0.6	WNW	4-5	o.	"	55	17	Laurentie	O	30.19	-0.4	?	?	o.
"	49	13	Vaderland	O	30.18	-0.0	E	4-5	b.	"	49	14	Wainwright	O	30.21	+0.3	ENE	4-5	c.
"	56	14	Virginia	H	?	-0.0	SE	4-5	c.	"	49	9	Vaderland	O	30.20	0.0	NE	4-5	bc

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	...	64	44	b.c.b	b	12.3	England, S.E.	Margate	...	61	57	o	o	0.8
	Stonehaven	...	63	46	bc	bc	11.5		Ramsgate	...	60	55	bc	bc	0.7
	Carnoustie	...	64	42	"	"	12.8		Folkestone	...	61	56	b.c.to	g.c.o	0.7
	St. Andrews	...	60	56	b	b	11.8		Hythe	...	...	...	...	...	0.6
Eng. N.E.	Harrogate	...	61	47	b.c.b.	b.b.c	8.0	England, S.W.	Littlestone	...	...	...	...	...	0.6
	Scarborough	...	64	54	bc	bc	9.8		Hastings	...	63	58	om.o	o	0.2
England, N.W.	Douglas	...	62	51	b.g	b.g	11.5		Bexhill-on-Sea	...	63	56	o	o	0.0
	Blackpool	...	65	47	b.b.c	b	12.7		Eastbourne	...	64	55	o	o	0.1
	Southport	...	67	48	b.b.c	b.c.b.	11.0		Seaford	...	65	54	o	o	0.5
Mid-lands.	Buxton	...	62	47	b.c.o	b	10.6		Brighton	...	66	55	o.c.o	c.o.	0.5
	Leamington Spa	...	65	57	c	c	6.5		Worthing	...	67	55	bc	o	1.7
	Malvern	...	"	"	"	"	6.0		Littlehampton	...	...	...	...	...	0.2
Wales.	Rhyl	...	63	53	b	b.c.	11.5		Southsea	...	70	56	o.b.c.	b.c.o.	3.0
	Colwyn Bay	...	?	52	b	b	?		Ryde	...	66	59	o	o	0.3
	Llandudno	...	64	54	b	b.m.	10.2	Ventnor	...	...	...	...	...	0.3	
	Bettws-y-Coed	...	60	54	b.c.g	bc	8.5	Bournemouth	...	69	52	c.b.c	b.b.c.	4.3	
	Aberystwyth	...	67	58	c.b.c	c.b.	6.5	Weymouth	...	69	54	c.b.c	bc	3.5	
England, E.	Lowestoft	...	59	56	o.c	o.c.o.c	0.2	England, S.W.	Exmouth	...	68	55	o.c.b.c.	bc	4.5
	Felixstowe	...	62	53	cm.p	o	0.1		Teignmouth	...	67	57	c.b.c	bc	3.4
	Walton-on-Naze	...	61	54	c	c	0.1		Torquay	...	67	58	o	c.b.c	3.1
	Southend-on-Sea	...	63	56	o	o	0.5		Paignton	...	66	58	o.b.c.	bc	4.6
		...	...	...	...	...	...		Falmouth	...	65	59	o	bc	6.0
								Bude	...	75	55	bc	bc	6.5	
								Ilfracombe	...	65	57	g.b.c	bc	6.5	
								Weston-super-Mare	...	68	55	c	b	5.5	

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	Rain-fall.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.	
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.			
			Max.	Min.		Max.				Min.										
			24 HOURS ENDED 9 A.M. TO-DAY.																	
Greenwich (Royal Obsy.) ...	68	79	F.°	F.°	F.°	In.	o	o.c.	o.c.m.	0.7	Dublin to 4 p.m.	In.	F.°	F.°	F.°	o	o.c.b	b	1.1	
City (Bunhill Row) ...	•	•	•	•	•	•	•	•	•	1.2	Plymouth to 9 p.m.	-	63	58	52	bc	o	e.b.	1.1	
Westminster (St. James's Pk.)	67	76	65	53	53.	-	bc	bc	bc.	1.5	Darwen	-	62	48	42	bcw	bc	bc	12.2	
Camden Sq. (Brit. Rainfall)	67	76	67	53	53.	-	bc	o	o	1.8	Manchester	-	•	•	•	•	•	•	•	
Hampstead (Reservoir) ...	•	72	62	51	46.	-	c.	o.c.	o.c.	1.7	Birmingham	-	63	53	51	c	c	c	7.4	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.											68	55	51	b.o.	o.c.b.c	bc.o	•
			Total.		Mean Rate.		Max. Rate.													
S. Kensington (Roof of M.O.)	71	80	760		Joules.		14.7 Milliwatts.			1.4	S. Kensington (Museum Grounds to 6 p.m.)	Trace	69	56	50	bv	og	o.og	•	

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

19th Aug. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.44 4.45	G.M.T. 11.57 11.56	G.M.T. 7.10 7.8
Greenwich	4.54 4.55	12.4 12.3	7.14 7.12
Wick	4.45 4.47	12.16 12.15	7.47 7.45
Valencia	5.33 5.34	12.45 12.44	7.58 7.56

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature remained below 65° in many parts of the Kingdom, and below 70° except at Southsea. A little rain occurred on the east and south-east coasts, and except in the north-west and north, and at some south-western stations there was very little bright sunshine.

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



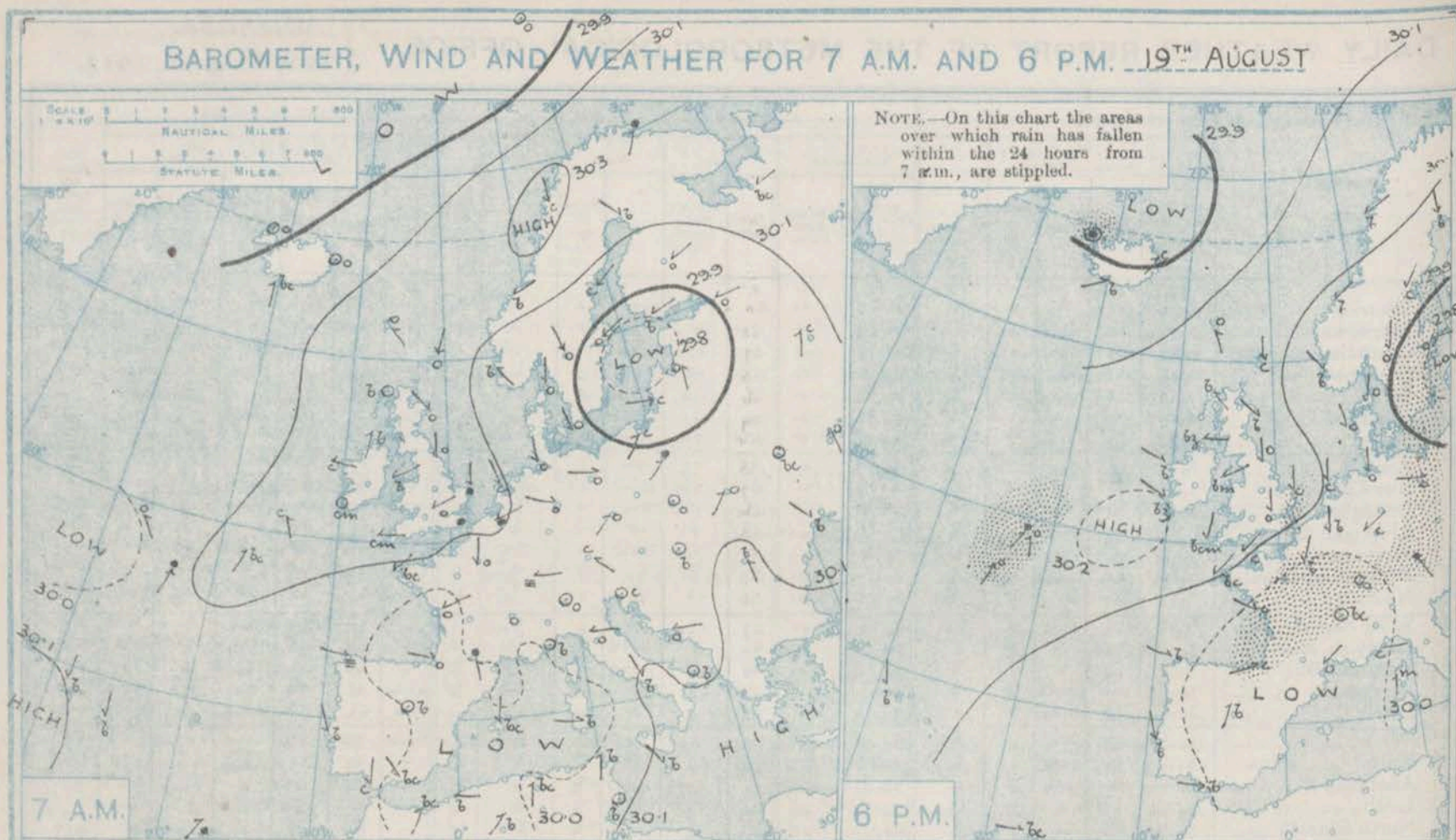
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,  
20th August, 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.										Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.							
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dry Bulb.	Force (0 to 12).				At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dry Bulb.	Force (0 to 12).	Weather.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern. n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
		In.	F.	Dir.	Force (0 to 12).		In.	F.	Dir.	Force (0 to 12).		In.	F.	Dir.	Force (0 to 12).		In.	F.	Dir.	Force (0 to 12).		Hours					
BRITISH ISLANDS.	Lerwick ... ..	30.16	53	N	4	c	30.07	-0.03	50	-3	WNW	2	bc	3	-	56	43	c	cm	o.c							
	Stornoway ... ..	30.16	62	SE	1	b	30.04	0.00	52	0	E	1	b	1	-	64	46	b	b	by	12.3						
	Castlebay (Barra Isd.)	30.17	59	SSW	2	b	30.12	0.00	57	+1	ESE	1	af	1	-	61	55	by	by	b. of	12.5						
	Glasgow ... ..	30.15	62	W	3	b	30.16	0.00	43	-8	-	0	b	*	-	65	43	o.c.	c. bc	by	4.7						
	Malin Head ... ..	30.18	58	E	3	by	30.13	-0.01	56	+3	SSW	3	by	1	-	66	51	by	cm.	cm.	*						
	Blacksod Point ... ..	30.17	63	WNW	1	b	30.13	-0.01	59	-1	SSW	2	bc	2	Trace	66	52	bc	by	bc	*						
	Valencia ... ..	30.20	63	WNW	2	by	30.19	+0.01	54	-4	NNE	1	bcw	3	Trace	66	50	bc	by	by	9.5						
	Roche's Point ... ..	30.17	66	SW	3	c	30.22	*	55	-2	NW	2	f	2	-	67	53	cg	cg	bf.	*						
	Birr Castle ... ..	30.15	68	-	0	c	30.17	*	57	+10	SSW	1	m	*	-	71	47	b	c	cm.	9.4						
	Donaghadee ... ..	30.18	58	E	2	b	30.15	0.00	46	-12	SW	1	b	1	-	62	44	b	b	b. bc.	*						
SCANDINAVIA.	Liverpool Obsy. ... ..	30.16	58	NNW	2	b	30.15	-0.01	53	+3	W	1	b	1	-	61	50	bm.	b	bc.	8.2						
	Holyhead ... ..	30.18	59	ENE	1	bm	30.16	0.00	51	-3	SSW	1	by	0	Trace	64	48	bm	bm	bm.	12.2						
	Pembroke (St. Ann's Hd.)	30.15	58	WNW	2	b	30.17	-0.01	53	0	WSW	1	bm	1	Trace	62	49	bm	bm	bm.	10.7						
	Newquay ... ..	30.13	60	N	4	by	30.17	+0.01	56	-1	SE	1	bf	1	-	63	45	bv	by	by	11.7						
	Scilly (St. Mary's) ... ..	30.16	61	NNE	2	bm	30.18	+0.01	57	-2	-	0	bm	1	-	65	54	bm	bm	bm.	11.3						
	Jersey (St. Aubin) ... ..	30.10	65	NE	3	c	30.17	*	60	0	NNE	1	c	2	-	67	55	bc	c	c. bc.	6.9						
	Portland Bill ... ..	30.11	60	S	1	b	30.14	+0.01	58	+1	NNE	1	b	2	-	66	56	bc	b	b.	*						
	Dungeness ... ..	30.11	61	NNE	3	o	30.11	+0.01	55	-2	NNW	5	ou	3	0.04	61	54	o.c.	o.c.	o.p.	*						
	Dover ... ..	30.09	58	NNE	3	c	30.16	*	55	0	N	4	o	4	0.06	62	53	o.c.	o.c.	c. bc.	0.3						
	Wick ... ..	30.17	55	NNW	2	bc	30.12	-0.01	43	-10	W	2	b	2	Trace	55	35	o	o. bc	bm.	*						
GERMANY, &c.	Nairn ... ..	30.16	59	ENE	1	b	30.12	*	49	-1	-	0	b	0	-	63	37	bc	b	by.	6.2						
	Aberdeen ... ..	30.16	56	NW	3	b	30.12	0.00	51	-2	WSW	2	b	2	-	58	47	o	o. bc.	b. o. b.	2.1						
	Leith ... ..	30.14	60	E	1	bc	30.12	0.00	49	-3	-	0	b	*	-	62	47	o	c. bc	c.	*						
	North Shields ... ..	30.19	55	N	2	o	30.14	0.00	52	-2	NW	2	b	3	-	60	49	c	o	b.	0.0						
	Spurn Head ... ..	30.16	58	NNE	4	c	30.13	0.00	57	+2	NW	3	o	4	-	61	52	o	o. c.	c. o.	0.3						
	Yarmouth ... ..	30.11	59	N	3	c	30.11	0.00	55	0	NW	2	c	1	0.01	62	54	cm	c	c.	0.9						
	Clacton-on-Sea ... ..	30.10	60	ENE	1	o	30.12	0.00	55	0	NNW	2	c	0	-	62	54	o	o	o.p.	0.0						
	Nottingham ... ..	30.16	59	NE	2	o	30.15	*	51	-2	WSW	1	cm	*	-	60	44	om	o	o. c.	0.0						
	Bath ... ..	30.12	63	E	3	b	30.18	*	48	-4	-	0	m	*	-	68	45	-	-	bv	10.9						
	London (Kew Obsy.) ... ..	30.13	60	N	2	o	30.16	+0.01	56	+1	N	1	om	*	-	61	55	om	o. c. o.	o. am	0.1						
FRANCE.	Spitzbergen ... ..	29.99	41	SE	3	o	29.96	+0.02	42	-1	SE	1	f	*	-	45	39										
	Isafjord ... ..	29.86	47	-	0	r	29.76	-0.07	47	-2	N	2	c	*	-	*	*										
	Reykjavik ... ..	29.96	54	W	3	bc	29.93	-0.02	46	-2	SSE	3	b	*	-	*	*										
	Vestmanna ... ..	29.94	51	WSW	2	b	29.93	-0.01	46	-2	-	0	c	1	-	*	*										
	Seydisfjord ... ..	29.82	59	SW	3	c	29.91	+0.02	49	-6	-	0	b	*	-	*	*										
	Thorshavn ... ..	30.17	53	SSE	3	o	29.99	-0.01	51	0	-	0	t	*	-	*	*										
	Haparanda ... ..	30.05	58	N	4	b	30.09	0.00	57	-1	NE	6	b	*	-	72	56										
	Hernösand ... ..	29.99	61	NE	2	c	29.89	+0.01	55	-4	NE	4	r	*	0.67	66	54										
	Stockholm ... ..	29.81	59	E	2	o	29.74	-0.01	58	-3	N	4	o	*	Trace	64	55										
	Wisby ... ..	29.73	58	NW	2	c	29.69	-0.02	58	0	NNW	2	o	*	0.04	61	52										
SPAIN, PORTUGAL, &c.	Karlstad ... ..	29.92	58	N	2	o	29.82	-0.02	55	-2	N	2	T	*	0.20	61	54										
	Færder (X'lania Fjord)	29.96	62	N	2	o	29.88	-0.02	62	+2	N	4	o	2	-	63	60										
	Bodö ... ..	30.20	56	ENE	2	b	30.10	-0.02	59	+5	E	2	b	2	-	56	48										
	Christiansund ... ..	30.08	54	NE	2	b	29.95	-0.01	54	0	-	0	b	2	-	57	48										
	Skudesnaes ... ..	30.00	58	NW	1	b	30.01	0.00	53	-6	WSW	2	f	2	-	59	52										
	The Scaw (Skagen) ... ..	29.94	62	NNE	3	o	29.88	-0.01	62	+2	NNW	2	o	0	-	64	59										
	Blaavands Huk ... ..	30.02	58	NNW	3	o	29.98	-0.01	58	-2	NW	2	o	1	-	64	55										
	Cuxhaven ... ..	30.01	60	N	3	o	29.99	0.00	60	+1	NNW	2	c	0	-	63	59										
	The Helder ... ..	30.10	60	N	2	c	30.08	+0.01	58	-2	NW	3	c	1	-	64	57										
	Brussels ... ..	30.02	57	N	2	b	30.06	+0.02	57	+1	N	1	o	*	-	64	55										
PORTUGAL, &c.	Berlin ... ..	29.99	61	W	2	o	29.94	-0.01	59	0	NW	2	o	*	0.16	64	57										
	Frankfurt ... ..	30.02	62	NE	1	c	30.00	+0.01	60	-1	NE	2	c	1	-	72	57										
	Munich ... ..	30.06	59	SE	3	r	29.96	-0.01	60	+4	SW	2	o	*	0.32	72	55										
	C. Gris Nez ... ..	30.09	59	NE	4	bc	30.10	+0.01	58	0	N	4	o	4	-	63	57										
	La Hève ... ..	30.08	60	ENE	3	o	?	*	56	-2	NNW	4	f	3	-	66	54										
	Brest (St. Mathieu) ... ..	30.11	64	NE	3	bc	30.20	+0.01	53	-4	NE	1	m	1	-	72	52										
	Lorient (Bec Molen) ... ..	?	66	NNE	4	bc	?	*	56	-3	N	3	b	3	-	73	52										
	Rochefort (Ile d' Aix) ... ..	29.98	65	WNW	4	o	30.06	+0.04	62	0	NE	3	c	*	0.04	75	61										
	Biarritz ... ..	29.98	68	WSW	3	c	30.04	+0.02	68	0	W	4	o	2	0.04	75	66										
	Thunderstorm yesterday.																										



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 19<sup>TH</sup> AUGUST



7 A.M.

6 P.M.

## WEATHER PROSPECTS.

There are no indications of any important change in the pressure

distribution over these Islands and the surrounding regions.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

0 { <sup>a</sup> } Light winds from the Westward;  
 { <sup>b</sup> } fine; moderate temperature.

1 { Skind light mainly from  
 the North Westward; fine;  
 2 { <sup>a</sup> } moderate temperature.  
 { <sup>b</sup> }

3 { Skind light or moderate,  
 4 { <sup>a</sup> } mainly Northerly; brighter  
 { <sup>b</sup> } than of late; cool air.  
 5 {

### 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.

6 { <sup>a</sup> } Skind light variable; fair  
 { <sup>b</sup> }  
 7 { <sup>a</sup> } to bright, but fog or mist  
 { <sup>b</sup> }  
 8 { <sup>a</sup> } locally on coast; moderate  
 { <sup>b</sup> }  
 9 { <sup>a</sup> } or rather low temperature.  
 { <sup>b</sup> }  
 10 { <sup>a</sup> }  
 { <sup>b</sup> }

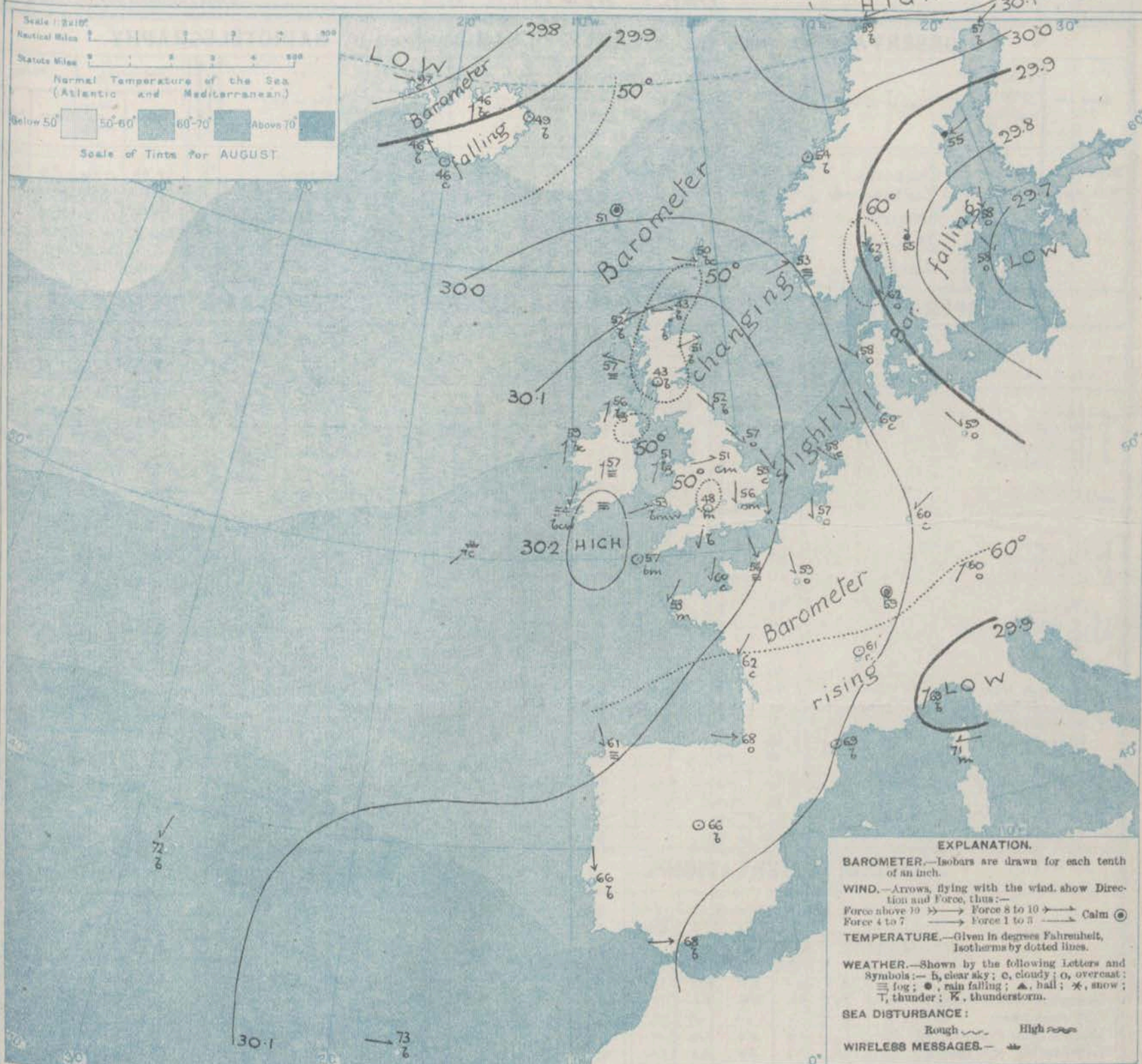
11 WESTERN CHANNEL AND BAY.  
 Skind light North Easterly or Easterly; sea smooth; local mist or fog, otherwise fine.

### THE FURTHER OUTLOOK. (All Districts)

Dry weather likely to continue



# SYNOPTIC CHART FOR 7 A.M. WEDNESDAY, 20<sup>TH</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.1 in. in a very large anticyclone covering the United Kingdom and Brittany, and extending to beyond the Azores. In a depression over the Baltic it is below 29.7 in. and in the north-west of Iceland the readings are below 29.8 in.

The wind has little force; off the north of Scotland it is mainly Westerly; over the North Sea region North-Westerly, on the Channel Northerly, and in the north of Iceland Southerly. Temperature has changed irregularly over this country, and now ranges from 43° at Wick and

Glasgow, 46° at Donaghadee, and 48° at Bath to 53° at Blackport Point, and 60° at Jersey. The weather is fine and bright over the greater part of these islands, as well as in the north-west of Norway. In the east and south-east of England, however, and over a large area of the Continent the sky is very cloudy or quite overcast. Mist or fog prevails on some parts of our south-west coasts, and also at Bir Castle, Castlebay and Skudesnes, and rain is falling at Karlsbad.



## DAILY WEATHER REPORT.

Wednesday 20th Aug. 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
20th 7 a.m.	50	15	Caronia	H	30.16	0.0	WSW	4-5	c.	19th 7 a.m.	48	26	Caronia	H	30.02	-0.04	SE	1-3	c.
19th 6 p.m.	48	23	Vaderland	O	30.14	0.0	SSW	4-5	o.	"	46	23	Minnetonka	O	30.09	-0.04	SSW	4-5	o.
"	49	24	Caronia	H	30.11	-0.03	SW	1-3	T.	"	48	18	Vaderland	O	30.17	-0.01	SW	1-3	o.
"	49	21	McKesson	H	30.05	-0.06	SSE	1-3	o.	"	50	15	Sicilian	H	30.18	+0.09	SSE	1-3	c.
"	50	11	Sicilian	H	30.22	0.0	-	0	b.										

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

TEMPERATURE.							WEATHER.							Sun- shine to 6 p.m.	STATIONS.							Rainfall.	TEMPERATURE.				WEATHER.				Sun- shine to 6 p.m.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
STATIONS.		Rainfall.	Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.			STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon.		Afternoon.		STATIONS.		Max.		Min.		Forenoon

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.				Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.	Fore-noon.		After-noon.	Night.	In Screen.				Night Min. on Grass.	Night.	Fore-noon.	After-noon.		
			Max.	Min.														Max.	Min.
			24 HOURS ENDED 9 A.M. TO-DAY.															Max.	Min.
Greenwich (Royal Obs.) ...	68	73	62	54	52	-	0	0	0	0.1	Dublin to 4 p.m.	in.	63	47	45	b.m.o	c.b	0	
City (Bushill Row) ...	*	*	*	*	*	*	*	*	*	0.0	Plymouth to 9 p.m.	-	68	50	42	b	b.c	0	
Westminster (St. James's Pl.)	68	69	66	55	54	-	0	0	0	0.0	Darwen "	-	63	44	37	b.c.w	b.c	0	
Camden Sq. (Brit. Rainfall)	68	66	63	54	53	-	0	0	0	0.1	Manchester "	-							
Hampstead (Reservoir) ...	*	66	69	49	49	-	0.c	c	0.c.	0.3	Birmingham "	-	59	46	35	"	c.o	0	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																
			Total.		Mean Rate.		Max. Rate.				S. Kensington (Museum Grounds to 6 p.m.)	-	62	54	50	og.o	o.og	0.og	
S. Kensington (Roof of M.O.)	75	70	48.9 Joules.		9.5 Milliwatts.		32.5 Milliwatts.		0.1										

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.

20th & 21st Aug. 1913.	Sunrise.	Noon.	Sunset.	
Yarmouth ...	G.M.T. 4.45 L.M.T. 4.46	G.M.T. 11.56 L.M.T. 11.56	G.M.T. 7.8 L.M.T. 7.6	During yesterday temperature rose to 72° at Weymouth, 71° at Bir Castle, and to above 65° in some other parts of England and Ireland, but generally it was low for the time of year. Slight rain has occurred in a few places in the south-east of England, and in those districts there was very little or no bright sunshine. In the west and north, however, the day was generally very bright, the sun shining for more than 12 hours in several localities.
Greenwich ...	4.55 4.56	12.3 12.3	7.12 7.10	
Wick ...	4.47 4.49	12.18 12.15	7.45 7.42	
Valencia ...	5.34 5.36	12.44 12.44	7.56 7.53	

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



1913.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,  
21st August, 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.		Wind.	BAROMETER.		TEMP.		WIND.		Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.					
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).		Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.					Force (0 to 12).	Weather.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	
																				Hours				
Lerwick ... ..		30.03	55	WNW	2	c	29.97	-0.03	54	+4	SSE	1	c	1	0.01	58	49	c	c	c.c.	5.9			
Stornoway ... ..		30.05	61	SW	4	c	29.82	-0.05	57	+5	SSW	5	T	4	0.19	63	52	b.c.	c	c.c.	3.1			
Castlebay (Barra Isd.)		30.06	59	SE	2	om	29.86	-0.03	59	+2	SW	3	0	3	0.25	62	56	of.c.	om.c.	om.c.	11.2			
Glasgow ... ..		30.10	66	W	2	b	29.95	-0.04	58	+15	SSW	3	T	*	0.14	70	53	b	b.b.	b.c.	*			
Malin Head ... ..		30.09	63	NNE	1	cm	29.92	-0.05	58	+2	WSW	4	0	2	0.08	66	55	bc	cm	or.	*			
Blacksod Point ... ..		30.08	62	SSW	4	T	29.84	-0.05	62	+3	SSW	5	T	3	0.30	66	58	bc	om-	om-	*			
Valencia ... ..		30.18	66	SW	3	cy	30.08	-0.02	64	+10	SSW	2	om	3	0.03	64	53	bc	cy	om-	7.9			
Roche's Point ... ..		30.18	69	W	4	bc	30.14	*	62	+7	SW	3	T	3	0.01	71	54	f.c.	c.b.	bc	*			
Birr Castle ... ..		30.14	67	SW	2	c	30.05	*	62	+3	SSW	4	0	*	0.01	71	56	c	c	sp.c.	6.5			
Donaghadee ... ..		30.11	65	SW	1	bc	30.03	-0.03	60	+14	SW	2	T	1	0.06	66	46	by	bc.	c.b.	*			
Liverpool Obsy. ... ..		30.16	62	WNW	2	b	30.12	-0.00	60	+7	S	1	0	2	-	66	53	bc	bc	c.	10.8			
Holyhead ... ..		30.16	61	SW	2	bm	30.11	-0.00	58	+7	SSW	3	f	2	-	66	51	bm	b.b.	b.b.	12.0			
Pembroke (St. Ann's Hd.)		30.18	60	W	1	b	30.16	+0.01	59	+6	W	3	cw	1	trace	64	54	bm	bm	bm	11.9			
Newquay ... ..		30.20	63	NW	2	bm	30.21	+0.01	61	+5	SW	1	om	1	-	64	52	by	by	b.	10.9			
Scilly (St. Mary's) ... ..		30.21	65	NW	2	bc	30.21	-0.00	60	+3	WNW	3	cm	2	-	65	56	cm	bc	bc	6.3			
Jersey (St. Aubin) ... ..		30.20	64	NW	3	b	30.25	*	59	-1	W	2	bm	2	-	69	49	c.b.	b.b.	bm	9.4			
Portland Bill ... ..		30.16	61	WSW	3	b	30.19	+0.01	60	-2	WNW	2	b	2	-	65	58	b	b	b.	*			
Dungeness ... ..		30.15	64	SSW	3	b	30.16	+0.02	54	-1	W	3	m	2	-	65	47	c	c.b.	c.b.	*			
Dover ... ..		30.13	59	SE	2	b	30.15	*	62	+7	NW	3	b	2	trace	66	52	acbc	c.b.	b.	6.0			
Wick ... ..		30.09	55	SSE	2	c	29.90	-0.04	55	+12	S	3	c	2	-	57	43	bm	cm	bc	*			
Nairn ... ..		30.06	61	ENE	1	c	29.91	-0.03	53	+4	-	0	T	1	0.03	69	48	z.b.	z.b.	or.	9.0			
Aberdeen ... ..		30.11	57	ESE	1	b	29.98	-0.03	54	+3	S	2	0	2	trace	65	49	z.b.	z.b.	bc.	11.9			
Leith ... ..		30.07	70	W	2	b	29.99	-0.02	57	+8	-	0	op.	*	-	72	48	by	b.b.	bc.	*			
North Shields ... ..		30.12	56	ENE	2	bc	30.07	-0.01	56	+4	SW	2	c	2	-	62	52	b	c	c.	11.3			
Spurn Head ... ..		30.13	58	-	0	bc	30.11	-0.00	57	0	WNW	2	bc	2	-	65	51	cm	bc	bc	8.5			
Yarmouth ... ..		30.13	59	ENE	1	bc	30.14	-0.00	49	-6	W	1	bc	1	-	60	48	c	abc	bc	4.6			
Clacton-on-Sea ... ..		30.12	61	SSE	3	bc	30.14	+0.01	53	-2	WNW	2	bc	1	-	66	49	c.b.	bc.	bc.	6.3			
Nottingham ... ..		30.11	67	WNW	2	c	30.15	*	49	-2	W	1	cm	*	-	71	45	c.b.	cm	cm	7.7			
Bath ... ..		30.17	65	-	0	b	30.21	*	57	+9	-	0	b	*	-	72	45	b	b.	-	10.9			
London (Kew Obsy.) ... ..		30.13	68	-	0	by	30.19	+0.02	52	-4	S	1	by	*	-	70	49	mo.c.	b.c.	by	6.2			
Spitzbergen ... ..		29.95	44	SE	4	0	29.86	-0.02	43	+1	SW	4	0	*	?	45	27	*	*	*	*			
Isafjord ... ..		29.80	52	W	1	c	29.73	-0.03	45	-2	W	1	c	*	*	*	*	*	*	*	*			
Reykjavik ... ..		29.89	51	-	0	c	29.65	-0.06	47	+1	SE	3	c	*	*	*	*	*	*	*	*			
Vestmanna ... ..		29.90	51	SSW	1	c	29.60	-0.08	47	+1	E	5	0	1	*	*	*	*	*	*	*			
Seydisfjord ... ..		29.89	61	NE	4	b	29.72	-0.03	47	-2	-	0	b	*	*	*	*	*	*	*	*			
Thorshavn ... ..		29.99	55	-	0	m	29.77	-0.05	53	+2	SSE	3	m	*	*	*	*	*	*	*	*			
Haparanda ... ..		30.06	57	E	2	0	30.08	-0.00	51	-6	NE	4	0	*	-	66	48	*	*	*	*			
Hernösand ... ..		29.93	55	NE	2	0	29.89	-0.01	57	+2	NE	2	T	*	0.16	57	54	*	*	*	*			
Stockholm ... ..		29.76	58	N	2	0	29.73	-0.00	59	+1	WNW	2	0	*	0.59	64	55	*	*	*	*			
Wisby ... ..		29.73	58	L	2	bc	29.73	-0.01	60	+2	W	2	c	*	0.16	63	55	*	*	*	*			
Karlstad ... ..		29.88	58	-	0	bc	29.86	-0.00	57	+2	WNW	2	0	*	0.04	62	54	*	*	*	*			
Færder (X'lanta Fjord)		29.89	60	W	1	0	29.89	-0.00	59	-3	NNE	4	c	2	-	64	57	*	*	*	*			
Bodö ... ..		29.98	55	E	2	b	29.98	+0.01	61	+2	E	2	b	1	-	68	54	*	*	*	*			
Christiansund ... ..		29.97	53	W	2	f	29.94	-0.01	52	-2	-	0	f	2	-	57	52	*	*	*	*			
Skudesnaes ... ..		29.96	52	NNW	6	0	29.95	-0.00	52	-1	N	6	0	2	-	55	50	*	*	*	*			
The Scaw (Skagen) ... ..		29.89	60	NNW	1	0	29.89	-0.00	61	-1	NW	1	c	0	-	64	57	*	*	*	*			
Blaavands Huk ... ..		30.00	57	NW	3	0	29.99	+0.01	55	-3	WNW	3	0	Trace	61	54	*	*	*	*	*			
Cuxhaven ... ..		30.02	58	NW	3	0	30.01	-0.00	58	-2	WNW	2	0	0	-	61	57	*	*	*	*			
The Helder ... ..		30.10	59	WNW	3	c	30.11	+0.02	55	-3	NW	2	0	1	-	63	55	*	*	*	*			
Brussels ... ..		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Berlin ... ..		29.96	63	W	2	c	30.01	+0.03	57	-2	W	3	0	*	0.04	64	55	*	*	*	*			
Frankfurt ... ..		30.08	61	NE	1	c	30.13	+0.03	58	-2	NW	1	T	*	-	68	57	*	*	*	*			
Munich ... ..		30.00	59	W	2	0	30.10	+0.03	56	-4	W	2	0	*	0.16	66	54	*	*	*	*			
C. Gns Nez ... ..		30.16	59	NE	1	b	30.17	+0.02	58	0	W	3	m	2	-	66	57	*	*	*	*			
La Hève ... ..		30.21	59	N	2	b	30.23	*	55	-1	WSW	2	m	2	-	64	54	*	*	*	*			
Brest (St. Mathieu) ... ..		30.25	62	NW	2	m	30.28	+0.01	59	+6	-	0	m	2	-	68	53	*	*	*	*			
Lorient (Rec Melen) ... ..		?	67	N	3	b	?	*	54	-2	N	1	m	0	-	73	50	*	*	*	*			
Rochefort (Ile d'Als)		30.14	67	N	3	c	30.24	+0.03	60	-2	ENE	3	b	*	-	73	55	*	*	*	*			
Biarritz ... ..		30.12	69	WNW	4	c	30.20	+0.02	66	-2	NNE	3	b	2	-	72	64	*	*	*	*			
Paris ... ..		30.12	65	N	3	0	30.24	+0.04	54	-5	-	0	b	*	-	68	48	*	*	*	*			
Belfort ... ..		30.03	60	W	2	0	30.20	*	58	-1	-	0	m	*	0.08	69	54	*	*	*	*			
Lyons ... ..		30.07	63	-	0	T	30.15	*	60	-1	NNE	2	0	*	1.22	71	58	*	*	*	*			
Nice ... ..		29.82	73	-	0	b	29.87	+0.01	70	+1	-	0	b	*	-	81	61	*	*	*	*			
Perpignan ... ..		30.01	74	-	0	0	30.11	+0.04	69	0	NW	4	b	*	-	83	66	*	*	*	*			
Sanguinaire ... ..		29.97	73	W	3	m	29.94	*	69	-2	W	3	m	3	-	?	64	*	*	*	*			
Corunna (8 a.m.) ... ..		30.14	67	NNW																				

## GALES.

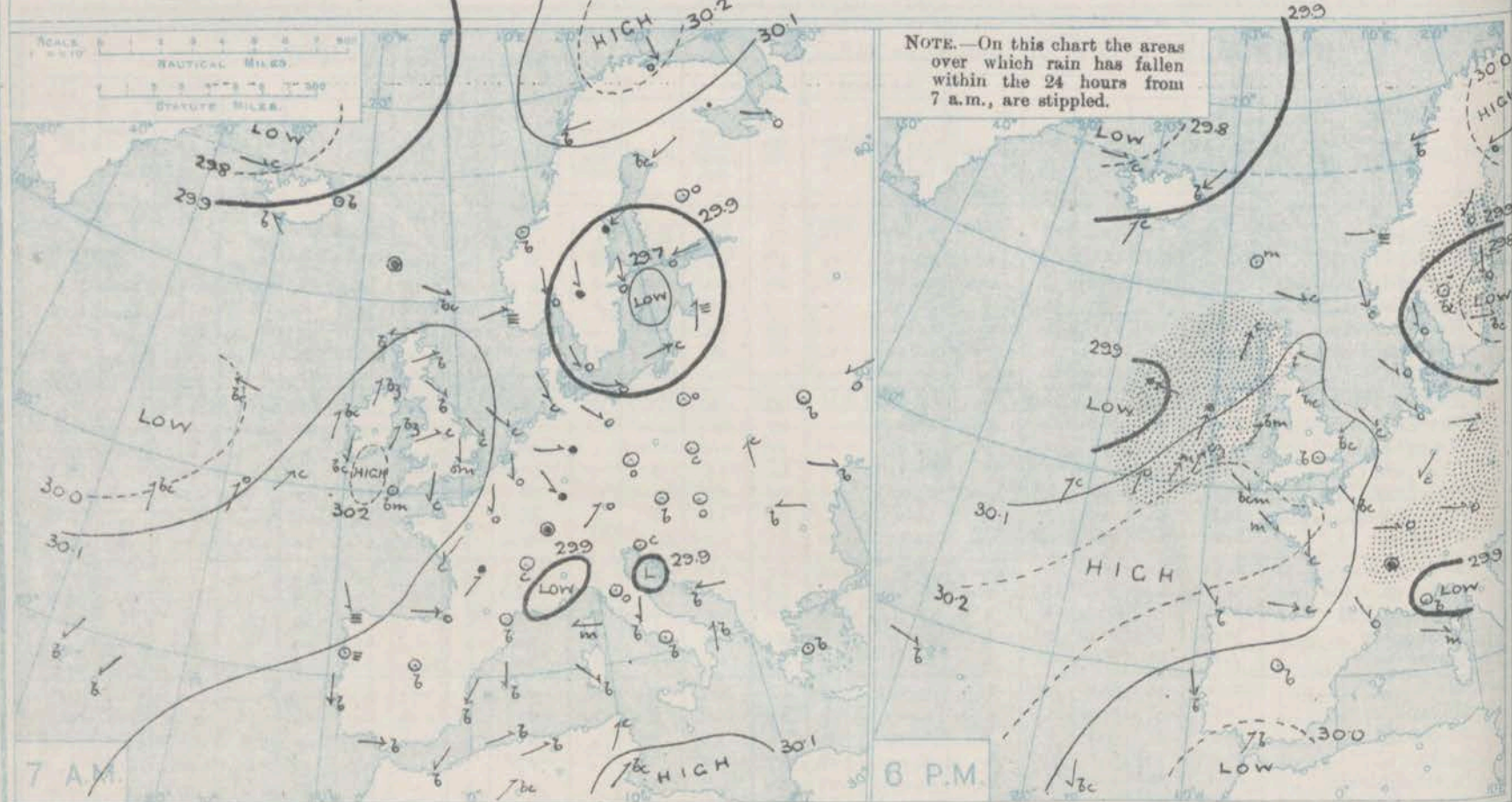
Duration and Extreme Force  
on British Coasts.

\* Information for these columns not usually received.

† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 20<sup>TH</sup> AUGUST



## GENERAL INFERENCE

The large depression centred to the southward of Iceland seems likely to travel in a north-easterly direction, and to have little effect on the weather over the

## WEATHER PROSPECTS.

greater part of England. In Ireland and the north-west and north of Great Britain some rain is probable.

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

- 0 { a } Southerly and South Westerly winds, light or moderate;  
 { b } cloudy or overcast generally;  
 1 { } some rain; rather warm.  
 2 { a } Wind between West and  
 { b } South West or South, light or  
 3 { } moderate; fair or bright to  
 4 { a } cloudy or overcast; rather  
 { b } warm.  
 5 { }

### FORECAST DISTRICTS.



### STORM WARNINGS.

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

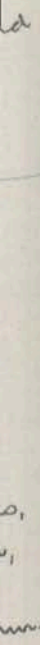
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

NO WARNINGS ISSUED.

- 6 { a } Same as Dist. 0 and 1.  
 { b }  
 7 { a }  
 { b } Westerly to Southerly winds, light or moderate; mostly fair, some mist or fog, showers locally on coasts; rather warm.  
 8 { a }  
 { b } Same as Dist. 0 and 1.  
 9 { a }  
 { b }  
 10 { a }  
 { b }  
 11 WESTERN CHANNEL AND BAY. Wind between West and South, light or moderate; sea slight or smooth; some mist or fog, otherwise fair generally.

## THE FURTHER OUTLOOK.





10

and the channel light Westely airs are reported, and beyond the North Sea a light to fresh North Westely breeze. Temperature has risen over all our western and Northern districts, fallen in the south east of England and at most Continental stations. Over the United Kingdom it ranges from  $64^{\circ}$  at Valencia to about  $55^{\circ}$  in the north East of Scotland, and to  $49^{\circ}$  at Nottingham and Great Yarmouth. Rain is falling at several places in Ireland and Scotland, fog prevails at Holyhead, and mist at some other stations in the west. Over England and in the north and west of France the weather is mostly fair to bright. Much cloud is reported in Germany and Sweden with rain at Frankfurt and Hirschau.



## DAILY WEATHER REPORT.

Thursday, 21st August 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- ome- ward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- ome- ward.	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.	
21st 7 a.m.	50	16	<i>Franconia</i>	O	30.00	-0.4	SSW	4-5	o.	20th 6 p.m.	50	15	<i>Merion</i>	H	30.10	-0.4	SSW	1-3	o.
" "	50	14	<i>Adriatic</i>	H	29.46	0.0	SW	1-3	o.	" "	51	"	<i>Franconia</i>	O	30.19	-0.3	"	1-3	"
" "	51	11	<i>Merion</i>	H	30.06	-0.4	SSW	4-5	o.	" "	50	11	<i>Caronia</i>	H	30.18	0.0	SSW	4-5	"
20th 6 p.m.	49	20	<i>Adriatic</i>	H	30.03	+0.7	SW	1-3	c.	" 7 a.m.	48	25	<i>Adriatic</i>	H	29.97	-0.2	S	1-3	b.c.
" "	56	16	<i>Heperian</i>	H	29.83	-0.8	ESE	4-5	t.	" "	50	19	<i>Merion</i>	H	30.09	-0.2	SSW	1-3	o.
										" "	56	21	<i>Heperian</i>	H	30.00	-0.1	SE	4-5	b.c.

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	...	...	...	...	...	...	...	Margate	...	...	...	...	...	...
	Stonehaven	...	...	...	...	...	...	...	Ramsgate	...	...	...	...	...	...
	Carnoustie	...	...	...	...	...	...	...	Folkestone	...	...	...	...	...	...
	St. Andrews	...	...	...	...	...	...	...	Hythe	...	...	...	...	...	...
England, N.E.	Harrogate	...	...	...	...	...	...	...	Littlestone	...	...	...	...	...	...
	Scarborough	...	...	...	...	...	...	...	Hastings	...	...	...	...	...	...
England, N.W.	Douglas	...	...	...	...	...	...	...	Bexhill-on-Sea	...	...	...	...	...	...
	Blackpool	...	...	...	...	...	...	...	Eastbourne	...	...	...	...	...	...
	Southport	...	...	...	...	...	...	...	Seaford	...	...	...	...	...	...
Mid-lands.	Buxton	...	...	...	...	...	...	...	Brighton	...	...	...	...	...	...
	Leamington Spa	...	...	...	...	...	...	...	Worthing	...	...	...	...	...	...
	Malvern	...	...	...	...	...	...	...	Littlehampton	...	...	...	...	...	...
Wales.	Rhyl	...	...	...	...	...	...	...	Southsea	...	...	...	...	...	...
	Colwyn Bay	...	...	...	...	...	...	...	Ryde	...	...	...	...	...	...
	Llandudno	...	...	...	...	...	...	...	Ventnor	...	...	...	...	...	...
	Bettws-y-Coed	...	...	...	...	...	...	...	Bournemouth	...	...	...	...	...	...
England, E.	Aberystwyth	...	...	...	...	...	...	...	Weymouth	...	...	...	...	...	...
	Lundy	...	...	...	...	...	...	...	Exmouth	...	...	...	...	...	...
	Lowestoft	...	...	...	...	...	...	...	Teignmouth	...	...	...	...	...	...
	Felixstowe	...	...	...	...	...	...	...	Torquay	...	...	...	...	...	...
England, S.W.	Walton-on-Naze	...	...	...	...	...	...	...	Paignton	...	...	...	...	...	...
	Southend-on-Sea	...	...	...	...	...	...	...	Falmouth	...	...	...	...	...	...
		...	...	...	...	...	...	...	Bude	...	...	...	...	...	...
		...	...	...	...	...	...	...	Ilfracombe	...	...	...	...	...	...
		...	...	...	...	...	...	...	Weston-super-Mare	...	...	...	...	...	...

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.	STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.	
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.			
			Max.	Min.														Max.		Min.
24 HOURS ENDED 9 A.M. TO-DAY.																				
Greenwich (Royal Obs.) ...	49	62	F.°	F.°	F.°	In.		c.b	b	b	Hr.	Dublin to 4 p.m.	In.	F.°	F.°	F.°	b.m	b.m	b.m	12.1
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	*	5.2	Plymouth to 9 p.m.	-	70	47	45	b	b	b.c.	10.6
Westminster (St. James's Pk.)	52	70	71	49	41	-	b.c	b.c	b.c.	5.0	Darwen "	-	68	46	39	b.c.	b.c.	b.c.	6.5	
Camden Sq. (Brit. Rainfall)	48	69	72	48	47	-	c.c.	b.c	b	5.6	Manchester "	-								
Hampstead (Reservoir) ...	*	68	68	49	36	-	b.c	b.c	b.c.c.	5.4	Birmingham "	-	69	48	31	-	c	c		
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										71	48	40	o.g.	c.b.	b.m.	b.m.	
			Total.		Mean Rate.		Max. Rate.													
S. Kensington (Roof of M.O.)	54	70	1270	Joules.	247	Milliwatts.	80.0	Milliwatts.	5.7		S. Kensington (Museum Grounds to 6 p.m.)	-	70	55	50	o.g.	c.b.	b.c.	b.c.	

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

	21st 22nd Aug 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T.	G.M.T.	G.M.T.	
	4.46	11.56	7.6	
	4.48	11.56	7.4	
Greenwich	4.56	12.3	7.10	
	4.58	12.3	7.8	
Wick	4.49	12.15	7.42	
	4.51	12.15	7.40	
Valencia	5.36	12.44	7.53	
	5.38	12.44	7.51	

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 74° at Bettws-y-Coed, and to 70° or a little higher in several parts of the United Kingdom, but only touched 6° at Lowestoft and 5° at Wick. Slight rain has fallen at a few south eastern stations, and a more decided amount in some parts of Ireland and Scotland. Bright sunshine was very prevalent over the Kingdom as a whole, but in the south-east the duration was moderate or slight. According to wireless reports southerly and south-westerly breezes prevailed as far west as the 25th meridian.

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



Friday,  
22nd August, 1913.

13.

	Force.	Weight.
(0-18).	e.	
1-3	m	
1-3	m	
4-5	b.c.	
1-3	b.c.	
1-3	e.	
4-5	b.c.	
noont.		Sunshine to 6 p.m.
c		Hr. 55
b.		53
"		53
"		56
b.		62
b.		69
p.bz.		53
b.		q.u.
b.c.b.		68
b.		65
"		60
b.		81
b		80
"		
b.		11.1
bz.		11.6
b.		11.1
b.		10.7
b.		11.3
"		
b.		10.8
b.		11.4
b.		11.0
b.		11.0
eday.		
	Afternoon.	Sunshine for Year-day
		Hr.
bern		12.
b.c.		10.1
b.c		
"		6.5
c		"
n. bn.		"
"		"
b.c.bz.		"
"		"
ad to		
touched		
south		
land		
in as a		
-praised		
ess in the		
wrappers		

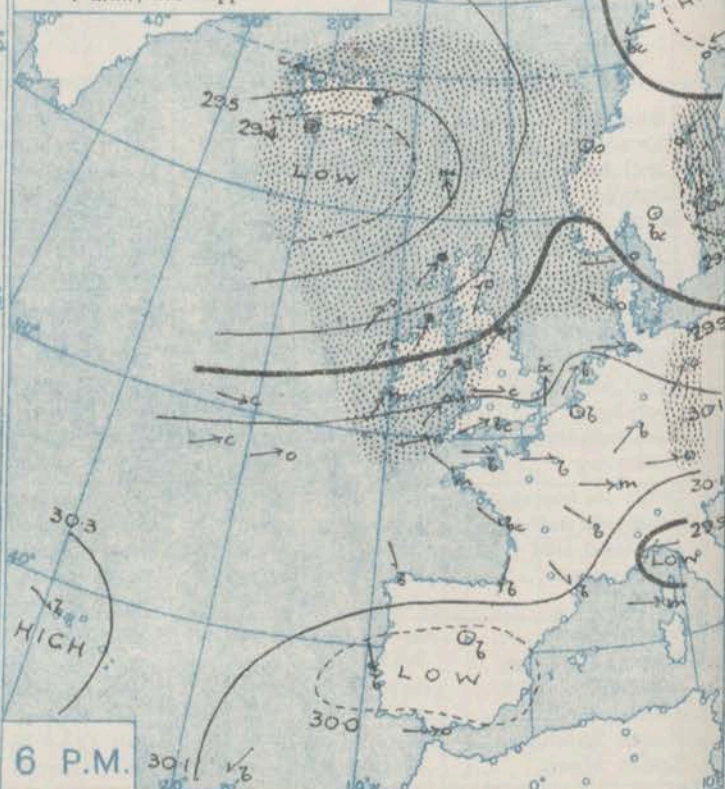
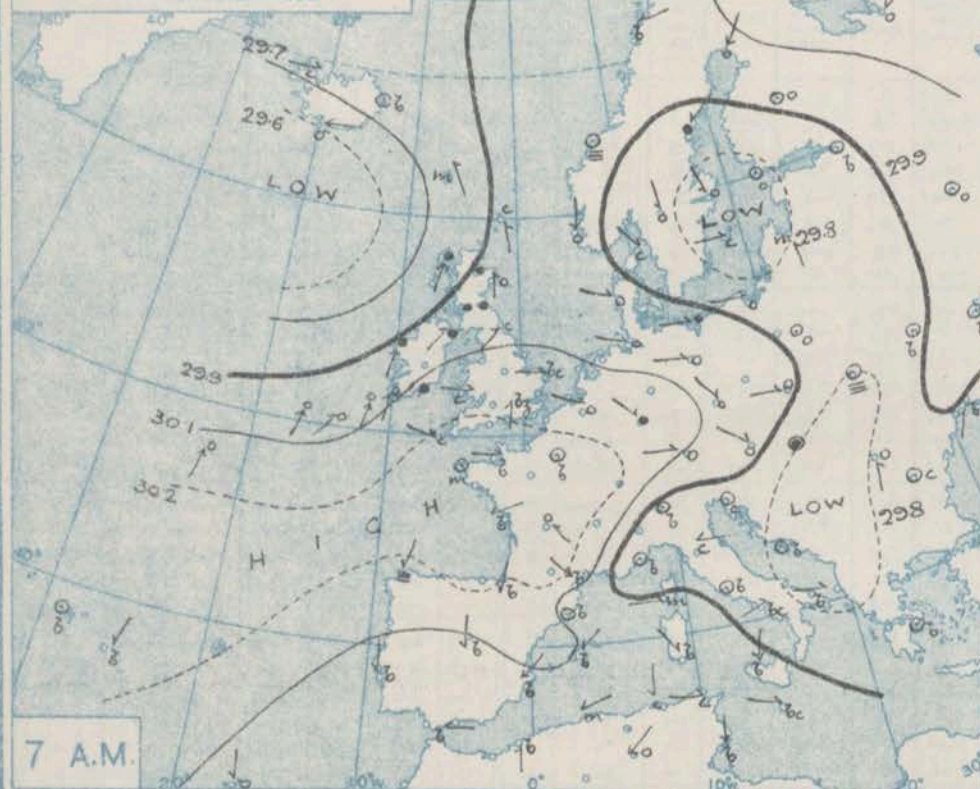
† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 21<sup>ST</sup> AUGUST.



NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



## GENERAL INFERENCE

The south westerly type of conditions seems likely to continue for a

## WEATHER PROSPECTS.

time over the United Kingdom, and local pressure irregularities will cause showers in various districts.

## FORECASTS FOR THE 24 HOURS NOON

FRIDAY.

TO NOON SATURDAY.

- |   |             |   |
|---|-------------|---|
| 0 | {<br>a<br>b | Wind between West and South   |
| 1 |             | West, light or moderate, fresh at times locally; mostly cloudy or overcast, some showers; rather warm     |
| 2 | {<br>a<br>b | Wind between West and South   |
| 3 |             | South West, light to fresh; a good deal of cloud, some local showers; temperature rather high, air humid. |
| 4 | {<br>a<br>b |   |
| 5 |             |   |

## 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.

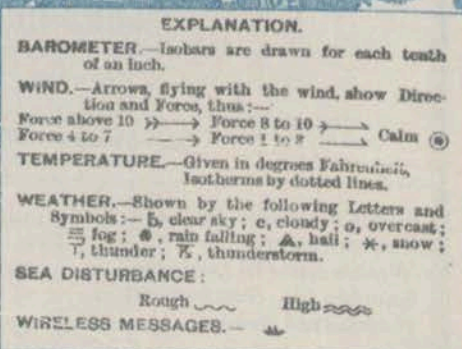
NO WARNINGS ISSUED.

- |    |             |   |
|----|-------------|---|
| 6  | {<br>a<br>b | Same as Nos. 0 to 2   |
| 7  |             | Wind between West and South   |
| 8  | {<br>a<br>b | South West, moderate or fresh; much cloud, some showers.  |
| 9  |             | mist or fog at times on coast,  |
| 10 | {<br>a<br>b | moderate temperature, air humid   |
| 11 |             | WESTERN CHANNEL. Strongly and westerly winds, moderate or fresh; sea moderate or rather rough. Westerly swell, some showers, mist or fog. |

## THE FURTHER OUTLOOK.



AUGUST 30<sup>th</sup> 1913



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is below 29.2 in. in a large depression having its minimum in the south of Ireland, above 30 in. in the extreme north of Sweden, and between 30.2 and 30.4 in. in an anticyclonic band extending from beyond the Azores across the Bay of Biscay and France to central Europe.

The wind is South West by West very generally in these Islands, and light to fresh in force. Beyond the North Sea it is more southerly, and moderate to strong in force, while in the west of Iceland it blows a gale from the North Eastward. Temperature ranges

over the British Isles from  $64^{\circ}$  at Great Yarmouth and Bath, and  $65^{\circ}$  at Nottingham to about  $60^{\circ}$  over a large area, and to  $58^{\circ}$  at Blacksed Pt and  $55^{\circ}$  at Lerwick. At Nice the reading is  $72^{\circ}$ , but at nearly all the Continental stations the thermometer is below  $60^{\circ}$ . Rain is falling at some stations in Ireland and the south coast of England, as well as at a few places along the North Sea, and the sky is overcast or cloudy as a whole over the United Kingdom and northern Europe. In most parts of France, however the weather is fine and bright.



## DAILY WEATHER REPORT.

Friday, 22nd August 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
22nd 7 a.m.	49	14	Oceanic	H	30.00	-0.1	WSW	4-5	o.	21st 6 p.m.	48	18	New York	H	30.18	-0.1	WSW	4-5	o.
" "	49	12	New York	H	30.06	-0.2	SW	4-5	o.	" "	55	10	Corsican	O	29.68	-0.8	SW	4-5	o.
21st 6 p.m.	48	21	Oceanic	H	30.11	+0.1	WSW	4-5	c.	" "	51	12	Adriatic	H	29.93	-0.3	SW	4-5	o.
" "	50	20	Franconia	O	30.04	0.0	W	4-5	c.	" "	48	23	New York	H	30.16	+0.4	SSW	4-5	o.

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
	In.	F.	F.			H.		In.	F.	F.			H.
Scotland.	(Oban ... ..)	0.59	62	52	or	or	0.0	(Margate ... ..)	74	50	b	b.m.	8.4
	(Stonehaven ... ..)	0.08	63	47	or	or	0.0	(Ramsgate ... ..)	73	50			10.4
	(Carnoustie ... ..)	0.09	64	48			0.0	(Folkestone ... ..)	69	53	b	b.b.c.	10.3
	(St. Andrews ... ..)	0.08	66	51	o	or	0.0	(Hythe ... ..)					
Eng. N.E.	(Harrogate ... ..)	0.01	67	50	or	or	0.5	(Littlestone ... ..)					11.1
	(Scarborough ... ..)		68	51	o	o	1.0	(Hastings ... ..)	71	52	b.c.	b.	12.0
Eng. N.W.	(Douglas ... ..)	0.25	69	46	or	or	0.3	(Bexhill-on-Sea ... ..)	69	52	b	b.	11.3
	(Blackpool ... ..)		68	48	or	or	1.1	(Eastbourne ... ..)	69	54	b	b.	11.6
	(Southport ... ..)	0.01	70	49	or	or	1.6	(Seaford ... ..)	67	49	b	b.m.	10.9
Mid-lands.	(Buxton ... ..)		66	45	b.c.	b.c.	2.3	(Brighton ... ..)	69	49	b.c.	b.c.	10.9
	(Leamington Spa ... ..)		74	64	b.c.	b.c.	5.3	(Worthing ... ..)	70	48	b	b.	10.8
	(Malvern ... ..)						3.5	(Littlehampton ... ..)					10.0
Wales.	(Rhyl ... ..)		67	51	b.c.	b.c.	1.1	(Southsea ... ..)	74	51	b.b.c.	b.	10.4
	(Colwyn Bay ... ..)		69	55	b.c.	b.c.	1.0	(Ryde ... ..)	74	61	b	b.	9.5
	(Llandudno ... ..)		67	56	c	b.c.	1.4	(Ventnor ... ..)					10.5
	(Bettws-y-Coed ... ..)		65	61	or		?	(Bournemouth ... ..)	72	49	b.b.c.	b.b.c.	10.5
	(Aberystwyth ... ..)		65	50	or	c.o.	1.7	(Weymouth ... ..)	71	53	b.c.	b.b.c.	9.7
England, E.	(Tenby ... ..)		62	60	or	or	1.5	(Exmouth ... ..)	74	54	b.c.	b.c.	4.8
	(Lowestoft ... ..)		65	48	b.b.c.	c.b.c.	10.2	(Teignmouth ... ..)	74	53	b.c.	c.	5.4
	(Felixstowe ... ..)		70	49	b.c.	b.c.	9.2	(Torquay ... ..)	71	52	b.c.	c.	6.7
	(Walton-on-Naze ... ..)		73	50	b.c.	b.c.	8.3	(Paignton ... ..)	72	50	b	b.c.	4.6
	(Southend-on-Sea ... ..)		77	57	b	b	11.0	(Falmouth ... ..)	71	55	c.b.c.	c.o.	2.3
								(Bude ... ..)	69	48	o	o	2.5
								(Ilfracombe ... ..)	68	58	o	c.	6.0
								(Weston-super-Mare ... ..)	69	55	c.b.	b.c.	

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.		Sunshine for Yesterday.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.		Forenoon.	Afternoon.				Max.	Min.	Night.	Forenoon.	
Greenwich (Royal Obs.)	43	74	80	60	55	b.	b.	b.c.	Dublin to 4 p.m.	0.01	69	60	57	c.vg.	or
City (Bunhill Row)	*	*	*	*	*	*	*	*	Plymouth to 9 p.m.	0.01	69	60	57	c.vg.	or
Westminster (St. James's Pk.)	49	85	76	62	59	b.c.	b.c.	b.c.	Darwen	0.04	68	51	45	c.vg.	or
Camden Sq. (Brit. Rainfall)	42	71	80	61	57	b	b.c.	b.c.	Manchester	0.01	72	49	34	*	c
Hampstead (Reservoir)	*	71	71	59	52	b.c.	b.c.	c.o.	Birmingham	0.01	72	49	34	*	c
Kew. (See front page.)									Oxford to 8 p.m.						
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.															
Total.			Mean Rate.		Max. Rate.				S. Kensington (Museum Grounds to 6 p.m.)						
1643 Joules.			32.1 Milliwatts.		66.5 Milliwatts.				77						

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

22nd & 23rd Aug. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.48 4.50	G.M.T. 11.56 11.56	G.M.T. 7.4 7.2
Greenwich	4.58 5.0	12.3 12.3	7.8 7.6
Wick	4.51 4.53	12.15 12.15	7.40 7.37
Valencia	5.38 5.40	12.44 12.44	7.51 7.49

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature touched 78° at Felixstowe, 77° at Southend-on-Sea and in London, and 75° or 74° in several other English localities. Rain has fallen in Iceland, Scotland and the west and north of England, the amounts being slight to moderate. Much bright sunshine was registered in the east and south of England, little or none in the north west and north of the Kingdom. According to wireless reports, a light to fresh wind between South and South-West prevailed as far west as the 23rd meridian.

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

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday,  
23rd August, 1913.

1913.

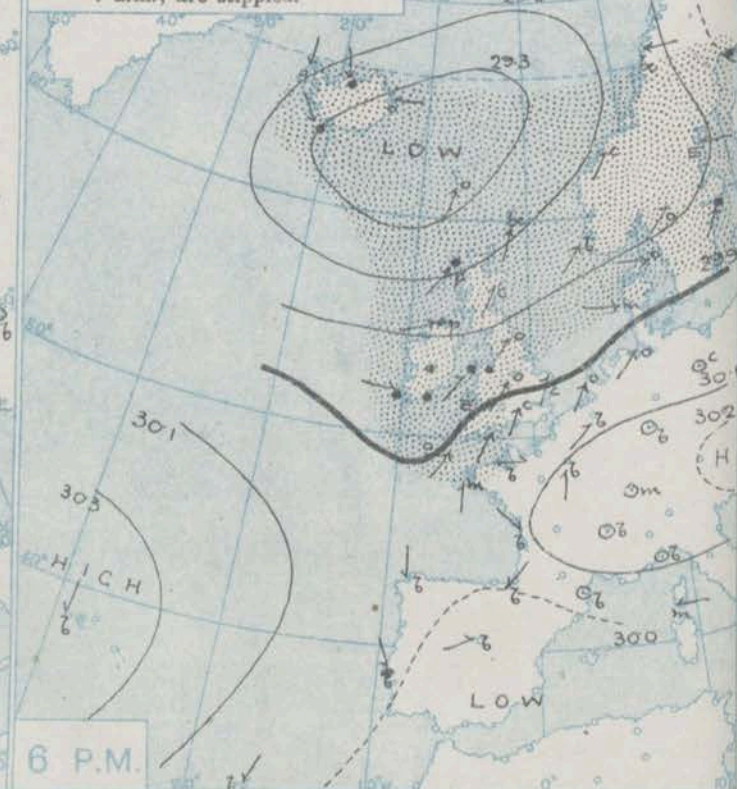
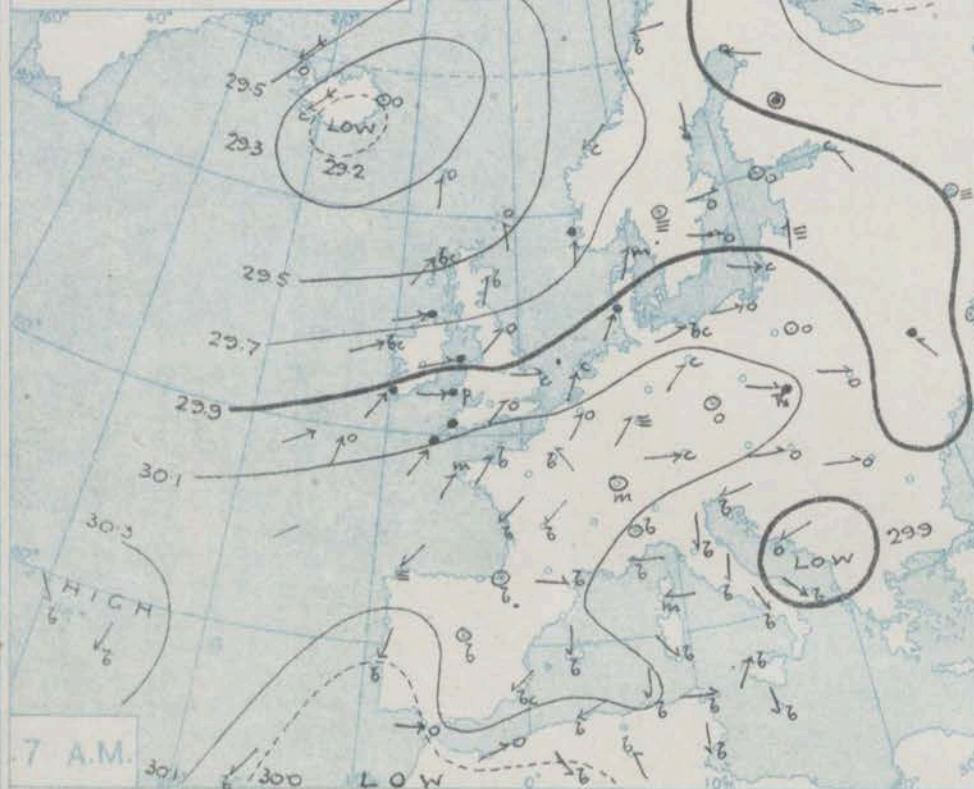
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
		At 82° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Force (0 to 12).	Weather.		At 82° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dir.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.			
BRITISH ISLANDS.	Lerwick ... ..	29.45	57	SSW	5	bc	29.49	+0.1	54	-1	SSE	3	c	2	-	60	53	cq	bc	bc.c.				
	Stornoway ... ..	29.48	57	SW	5	epg	29.46	+0.1	51	-6	SW	5	r	4	0.21	60	50	bcpq.	c.bcpq.	c.bcpq.	8.4			
	Castlebay (Barra Isd.)	29.58	57	SW	5	c	29.57	.00	53	-3	WNW	3	op.	3	0.07	59	51	c.bcpq.	b.bcpq.	c.bcpq.	7.3			
	Glasgow ... ..	29.69	56	SW	3	o	29.66	.00	52	-4	WSW	2	c		0.08	62	51	bc.cq.	c.bcpq.	c.bcpq.	7.0			
	Malin Head ... ..	29.67	55	WSW	5	c	29.65	.00	54	-2	W	4	bcp	5	0.18	60	53	bcp.	cq.	cq.				
	Blackod Point ... ..	29.75	55	WSW	3	c	29.75	+0.1	53	-5	WSW	4	bc.	3	0.12	63	52	bcp.	cq.	cq.				
	Valencia ... ..	29.84	56	W	1	r	29.89	+0.3	55	-4	WNW	3	cp	4	0.46	63	52	omr.	omr.	omr.	0.1			
	Roche's Point ... ..	29.86	57	WNW	4	tm	29.84	.	55	-7	W	3	b	3	0.55	63	53	tm	tm	tm				
	Birr Castle ... ..	29.80	55	SW	1	r	29.81	.	51	-5	SW	1	bc		0.14	61	47	cp.	or	or.bc	0.0			
	Donaghadee ... ..	29.74	60	W	2	c	29.73	+0.1	51	-7	WSW	2	c	2	-	66	49	c	c	em.bc				
SCANDINAVIA.	Liverpool Obsy. ...	29.79	57	W	2	r	29.78	+0.1	54	-8	WSW	3	c	2	0.76	62	52	or	or	or	0.0			
	Holyhead ... ..	29.79	58	SW	2	otm	29.78	+0.2	55	-4	W	3	bc	2	0.69	60	53	omr.	omr.	omr.	0.0			
	Pembroke (St. Ann's Hd.)	29.83	58	WSW	3	f	29.84	+0.1	56	-5	W	3	bc	3	0.60	63	52	omr.	omr.	fr.	0.0			
	Newquay ... ..	29.91	62	SSW	5	odm	29.88	+0.5	59	-3	W	2	c	3	0.16	66	56	odm.	odm.	odm.	0.0			
	Scilly (St. Mary's) ...	29.89	62	SW	5	om	29.90	+0.4	57	-4	WNW	4	bcp.	5	0.20	66	55	om	om	omr.	0.0			
	Jersey (St. Aubin) ...	30.07	71	W	2	b	29.92	.	59	-3	W	3	omr.	3	-	74	55	bm	bm	b.p.m.	12.3			
	Portland Bill ... ..	29.98	63	SW	6	bc	29.82	+0.3	59	+1	WNW	5	r	4	0.01	63	58	c	c	c.b.c.				
	Dungeness ... ..	30.01	63	SW	6	bc.	29.87	.06	63	+1	SW	5	bc	5	-	65	60	c.c.	c.b.c.	c.b.c.				
	Dover ... ..	30.03	61	SW	5	b	29.84	.	62	0	SW	5	bc	6	-	63	58	c	c	b.b.c.	3.0			
	GERMANY, &c.	Wick ... ..	29.53	58	SSW	3	c	29.51	-0.1	53	-3	SSW	3	bc.	2	0.03	63	49	b.cq.	cq.	cq.			
Nairn ... ..		29.55	59	SSW	2	c	29.55	.	53	-3	SSW	1	bc.	2	0.10	63	49	b.cq.	b.cq.	bc.	2.1			
Aberdeen ... ..		29.61	63	SW	3	c.	29.59	+0.1	54	-5	SW	3	bc.	1	-	69	52	b.b.c.	b.c.c.	c.b.c.	8.5			
Leith ... ..		29.67	61	SW	4	c.	29.63	+0.2	55	-4	SW	2	c		-	66	53	b.c.c.	c	c				
North Shields ... ..		29.75	60	SW	2	o	29.70	.00	54	-6	SW	2	o	2	0.14	69	53	c	o	r	4.5			
Spurn Head ... ..		29.80	60	WSW	3	r	29.73	+0.5	56	-7	WSW	3	r	2	0.78	67	52	cq.	c.or.	od.	0.4			
Yarmouth ... ..		29.88	70	SSW	3	c	29.78	.00	62	-2	SW	4	c	2	-	71	60	c	c	c.m.c.	2.3			
Clacton-on-Sea ... ..		29.94	66	SSW	5	bc	29.82	.00	63	+1	SSW	4	c	3	-	70	61	c.b.c.	b.c.c.	c.b.c.	4.6			
Nottingham ... ..		29.90	67	SW	5	o	29.77	.	54	-11	W	2	tm		0.77	72	54	o.cq.	or	or	0.4			
Bath ... ..		29.92	65	SSW	1	o	29.85	.	58	-6	W	1	r		-	72	58	bc	o	o	0.7			
FRANCE.	London (Kew Obsy.) ...	29.95	67	SSW	4	c	29.81	.00	61	-2	SW	2	o		-	70	58	o.c	c	c.b.c.	0.4			
	Spitzbergen ... ..	29.52	47	N	5	o	29.67	+0.1	42	-2	N	2	b											
	Isafjord ... ..	29.36	51	NNE	7	c	29.62	+0.5	49	+2	N	3	c											
	Reykjavik ... ..	29.24	51	NW	4	r	29.49	+0.9	47	0	N	8	bc.	1										
	Vestmanna ... ..	29.23	52	E	3	o	29.38	+0.4	53	+4	N	3	o											
	Seydisfjord ... ..	29.23	54	SSW	4	o	29.27	+0.0	50	-3	-	0	r											
	Thorshavn ... ..	29.23	54	SSW	4	o	29.27	+0.0	50	-3	-	0	r											
	Haparanda ... ..	29.80	52	E	2	r	29.67	-0.5	55	+8	SE	2	o		0.08	55	46							
	Hernösand ... ..	29.68	55	E	2	f	29.58	+0.5	57	0	-	0	f		0.59	61	54							
	Stockholm ... ..	29.73	57	SSW	4	r	29.81	+0.6	59	0	WSW	4	o		0.16	66	55							
PORTUGAL, &c.	Wisby ... ..	29.86	59	WSW	4	o	29.91	+0.5	62	+3	WSW	4	c		0.20	64	57							
	Karlstad ... ..	29.67	58	SW	2	o	29.80	+0.4	60	+5	WSW	4	o		0.13	63	55							
	Färder (X'ania Fjord)	29.63	60	SW	6	m	29.76	+0.2	59	0	SW	5	o	3	0.71	60	57							
	Bodö ... ..	29.64	57	E	4	bc.	29.61	+0.1	55	-3	E	5	c	2	-	64	54							
	Christiansund ... ..	29.52	54	SW	1	c	29.62	+0.2	57	+3	SSE	1	c	2	0.20	57	52							
	Skudesnaes ... ..	29.66	57	SW	4	b	29.65	-0.1	58	-1	SW	6	o	4	0.12	61	57							
	The Scaw (Skagen) ...	29.78	59	W	4	o	29.80	-0.1	58	-6	SSE	2	r	0	0.28	64	57							
	Blaavands Huk ... ..	29.87	60	W	4	m	29.82	+0.1	61	+2	SW	4	m	3	0.08	61	57							
	Cuxhaven ... ..	29.99	63	SW	4	o	29.93	.00	62	+5	SSW	4	b	1	-	70	54							
	The Helder ... ..	29.95	62	SSW	5	c	29.86	-0.2	60	-3	SSE	4	c	2	-	66	54							



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 22<sup>nd</sup> AUGUST.

SCALE  
NAUTICAL MILES  
STATUTE MILES

NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



GENERAL INFERENCE

## WEATHER PROSPECTS.

The depression centred over the Faeroe region seems likely to become less deep without materially changing its position, while the secondary over the United Kingdom will

pass on slowly to the North Sea.

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

- 0 { a } Wind between South and West, light or moderate, fresh locally; changeable, some rain; rather cool.
- 1 { b }
- 2 { a } Wind between West and North West, light or moderate; rainy or showery, then fairer rather cool.
- 3 { b }
- 4 { a } Wind mainly between West and North West, moderate or fresh, strong at times on the Channel; rainy or showery, then fairer and cooler.
- 5 { b }

### 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.

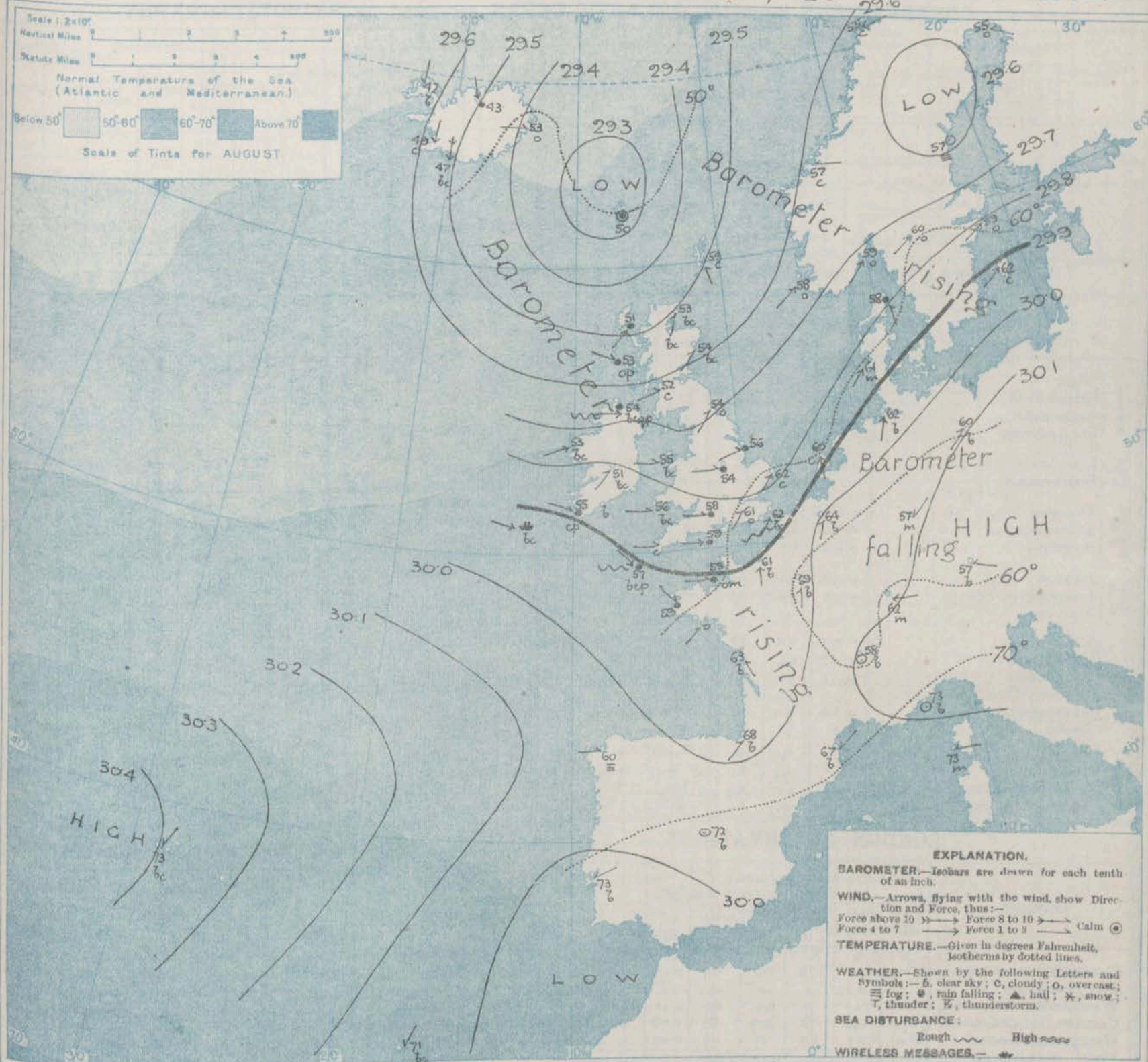
SOUTH CONE HOISTED in Districts 5 and 8 at 2.27 p.m. yesterday.

- 6 { a } Same as Nos 0 to 1.
- 7 { b }
- 8 { a } Wind between North West and West, moderate to fresh; changeable, some showers, fair intervals; rather cool.
- 9 { b }
- 10 { a } Same as Nos. 0 and 1.
- 10 { b }
- 11 WESTERN CHANNEL AND BAY. Wind mainly West or West by North, moderate or fresh, strong locally; changeable, some rain; sea moderate or rather rough.

THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. SATURDAY, 23<sup>rd</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is about 30.4 in. at the Azores, about 30.1 in. over Central Europe, below 29.3 in. in a depression having its minimum near Thorshavn, and relatively low in a secondary of a "V"-shaped character over the United Kingdom, and in a shallow depression over the North Sea.

The wind is mainly S.W. or S.S.W. over these islands, and light or moderate in force, but at some exposed southern stations and at Stornoway it blows a fresh breeze. A S.W. breeze, moderate

to strong, prevails beyond the North Sea, and a N.W. wind, which blows a gale at Vestmanna, in Iceland. Temperature has fallen in most parts of the Kingdom, and now ranges from 63° at Clacton-on-Sea and Dungeness to 53° in the northeast of Scotland, and to 51° at Stornoway and some Irish stations. Rain is falling at many places in the British Isles, and except at some western and northern stations the sky is very generally cloudy or overcast. Rain is also falling in the north of Denmark, but over the greater part of our Continental area the weather is fair to bright.



## DAILY WEATHER REPORT.

Saturday, 23rd August 1913.

## 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.	
23rd 7 a.m.	51	13.	Andania	O	29.87	+0.1	WNW	6-7	bc.										
22nd 6 p.m.	51	10.	Baltic	O	29.88	0.0	W	1-3	o.										
" "	49	9	Oceanic	H	29.86	-0.6	WNW	4-5	r.										
" "	49	6	New York	H	29.95	-0.3	SSW	6-7	r.										

## 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.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
Oban ...	...	...	...	bc.	bc.	9.4	Ramsgate ...	...	71	59	6	6.	7.5
Stonehaven ...	0.05	71	55	bc.	bc.	11.0	Folkestone ...	...	68	50	0	bc. b.	6.9
Carnoustie ...	0.25	68	55	b.	b.	10.3	Hythe ...	...	63	58	0	bc. b.	2.7
St. Andrews ...	0.26	65	56				Littlestone ...	...	...	...	...	...	...
England, N.E.							Hastings ...	...	64	59	0	o. bc. b.	2.3
Harrogate ...	0.21	65	57	cp. bc.	c. op.	2.2	Bexhill-on-Sea ...	...	65	60	g. c.	bc. b.	4.1
Scarborough ...	...	69	60	o.	o.	1.1	Eastbourne ...	...	66	60	bc.	bc. b.	4.6
England, N.W.							Seaford ...	...	65	60	o.	b.	3.8
Douglas ...	0.08	61	57	og.	ogd.	0.4	Brighton ...	...	64	62	o. c.	c. bc. b.	1.9
Blackpool ...	0.60	64	57	b.	b.	0.0	Worthing ...	...	65	60	o.	b.	1.6
Southport ...	0.63	60	58	or.	or.	0.0	Littlehampton ...	...	...	...	...	...	...
Mid-lands.							Southsea ...	...	67	62	c. b.	bc.	0.7
Buxton ...	0.43	62	56	cr.	cr.	0.1	Ryde ...	...	67	63	o.	bc.	2.3
Leamington Spa ...	0.08	70	63	d.	o.	0.7	Ventnor ...	...	...	...	...	...	...
Malvern ...	...	...	...	...	...	0.0	Bournemouth ...	...	64	60	o.	o. c.	0.1
Wales.							Weymouth ...	...	66	60	o. c.	o. c.	0.0
Rhyl ...	0.39	62	57	or.	or.	0.0	Exmouth ...	...	67	62	o.	o.	0.1
Colwyn Bay ...	0.43	62	56	r.	r.	0.0	Teignmouth ...	...	69	62	odp.	odp.	0.3
Llandudno ...	0.40	66	57	or.	r.	0.0	Torquay ...	...	65	62	o.	o.	0.0
Bettws-y-Coed ...	...	62	57	or.	or.	1.0	Paignton ...	...	65	61	od. o.	o.	0.0
Aberystwyth ...	0.60	64	61	o. cr.	r. or.	0.0	Falmouth ...	...	64	59	d. o.	o.	0.0
Ynby ...	0.11	71	59	or.	or.	0.0	Bude ...	...	69	61	o.	o. or.	0.0
England, E.							Ilfracombe ...	...	66	62	d. o.	o. c.	0.0
Lowestoft ...	...	74	60	c. bc. o.	o. c.	2.8	Weston-super-Mare ...	...	69	61	od.	c. o.	0.2
Felixstowe ...	...	73	61	c. bc. g.	bc. g.	6.8							
Walton-on-Naze ...	...	68	59	bc. g.	bc. g.	5.1							
Southend-on-Sea ...	...	71	60	bc.	bc.	3.5							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.		
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.				
			Max.	Min.		Max.						Min.									
			24 HOURS ENDED 9 A.M. TO-DAY.																		
	%	%	F.°	F.°	F.°	In.				Hr.		In.	F.°	F.°	F.°				Hr.		
Greenwich (Royal Obs.) ...	69	96	73	57	49	0.05	bc	bc	b.c.or	1.7	Dublin to 3 p.m.	0.11.	65	58	57	or	or	o.c.	0.0		
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	0.8	Plymouth to 9 p.m.	-	64	61	59	og	og	og	0.0		
Westminster (St. James's Pk.)	86	100	71	60	54	0.40	bc	bc	r.	1.1	Darwen	0.78	61	51	51	ow	or	or	0.0		
Camden Sq. (Brit. Rainfall)	73	95	72	59	53	0.03	o	co	b. or	0.9	Manchester "								0.0		
Hampstead (Reservoir) ...	*	97	67	47	47	0.07	c	c. or	bc. r	0.1	Birmingham "	0.07.	67	60	56	op	op	o.	0.0		
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										Oxford to 8 p.m.	*	71	61	59	o	o. c. g.	o. c. g.	
			Total.			Mean Rate.			Max. Rate.												
S. Kensington (Roof of M.O.)	78	98	753			Joules.			14.8 Milliwatts.			0.5	S. Kensington (Museum Grounds to 6 p.m.)	-	72	61	51	bc.	o.c.	o.c.	

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

23rd & 24th Aug. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.50 4.51	G.M.T. 11.56 11.55	G.M.T. 7.2 7.0
Greenwich ...	5.0 5.1	12.3 12.2	7.6 7.3
Wick ...	4.53 4.55	12.15 12.14	7.37 7.34
Valencia ...	5.40 5.41	12.44 12.43	7.49 7.46

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to a little above 70° in several parts of Great Britain, but only to 60° at some north western stations. Rain has fallen over a considerable portion of the country, the measurement at 7 a.m. being more than 0.5 in. in several localities, and about 0.75 in. at Liverpool, Spurn Head and Nottingham. At some stations in Scotland and on the coasts of Kent and Essex the sun shone for several hours, but generally the day was very cloudy or overcast.

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

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.



1913.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
24th August, 1913.

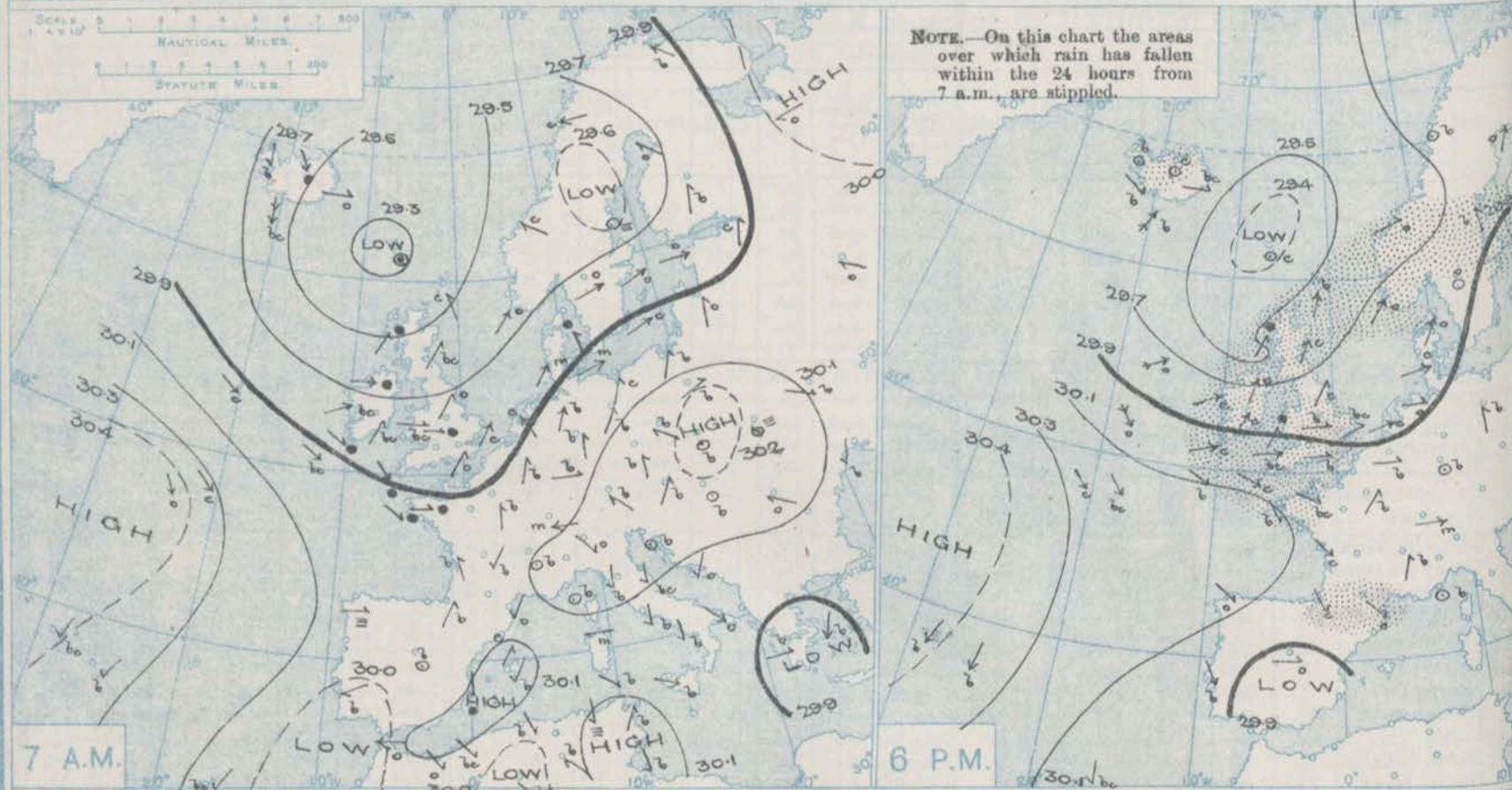
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
	At 82° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 82° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).	Weather.			Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'd. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.				
BRITISH ISLANDS.	Lerwick ... ..	In. 29.52	F. 57	SSW	4	b	In. 29.61	In. +0.2	F. 55	-1	ESE	1	bc	0	In. 59	F. 49	bc	b	bc	Hours			
	Stornoway ... ..	29.50	52	SW	3	op	29.71	+0.5	53	+2	WNW	2	bc	2	0.26	57	48	cpq	op	o.bop	2.2		
	Castlebay (Barra Isd.)	29.49	51	ENE	2	r	29.79	+0.8	55	+2	NW	2	c	2	0.16	56	50	op.cop	op.r	o.bop	1.4		
	Glasgow ... ..	29.67	52	SSW	4	r	29.77	+0.8	52	0	W	1	b	*	0.23	60	50	oacq	cor.f	rq.cbc	3.3		
	Malin Head... ..	29.58	53	SSW	7	o	29.80	+0.8	53	-1	SW	8	rq	7	0.48	56	50	opq	opq	opq	*		
	Blackod Point ... ..	29.77	56	WSW	6	c	29.96	+0.9	54	+1	NW	3	bc	3	0.21	62	52	cpq	cpq	omq	*		
	Valencia ... ..	29.96	59	WSW	4	c	30.06	+0.1	57	+2	W	2	o	4	0.05	61	54	bcv	bc	op	6.3		
	Roche's Point ... ..	29.94	58	N	5	cp	30.04	*	56	+1	W	3	c	3	0.01	61	53	bc.c	cp	o.c	*		
	Birr Castle ... ..	29.85	55	SW	4	c	29.96	*	51	0	WSW	1	c	*	0.12	61	50	cp	cp	cp	6.2		
	Donaghadee ... ..	29.74	54	WSW	3	cp	29.84	+0.3	52	+1	WSW	2	bc	2	0.09	61	51	bc.c	cp	cp.bop	8.2		
SCANDINAVIA.	Liverpool Obsy. ... ..	29.83	59	WSW	4	bc	29.88	+0.3	54	0	WSW	4	o	5	0.08	61	53	cp	bc.c	op	8.4		
	Holyhead ... ..	29.84	57	SW	3	c	29.89	+0.4	56	+1	WNW	5	bopq	4	0.04	62	55	bc.c	bc.c	or.cbc	10.7		
	Pembroke (St. Ann's Hd.)	29.91	59	W	4	bc	29.97	+0.3	57	+1	WNW	5	cp	4	Trace	61	56	bc	bc	bc	11.1		
	Newquay ... ..	29.99	62	W	3	b	30.04	+0.2	59	0	W	2	cpr	1	0.11	61	56	bcpr	bc	bcpr	8.6		
	Scilly (St. Mary's) ... ..	30.07	60	WNW	5	c	30.05	00	57	0	W	4	cpq	4	0.02	65	54	bc	c	c	6.8		
	Jersey (St. Aubin) ... ..	30.05	62	WNW	3	bc	30.12	*	60	+1	WSW	3	c	3	0.13	65	54	om.c	-	bc	*		
	Portland Bill ... ..	29.96	62	WSW	5	b	30.02	+0.2	60	+1	W	5	bc	4	0.12	63	57	bc	bc	b.bc	*		
	Dungeness ... ..	29.94	62	SW	5	bc	30.03	+0.2	60	-3	SW	3	bc	2	-	66	51	c.o	c	c.bc	7.9		
	Dover ... ..	29.97	60	SW	2	c	?	*	59	-3	SW	4	b	4	0.02	65	50	bc	p.b.bc	bc.b	*		
	GERMANY, &c.	Wick ... ..	29.52	57	SW	3	c	29.66	+0.6	50	-3	WSW	3	c	2	0.21	60	48	bc.cq	cp	od.c	3.8	
Nairn ... ..		29.54	55	SW	2	o	29.70	*	52	-1	W	1	c	1	Trace	61	47	cp	cp.o	cp	9.2		
Aberdeen ... ..		29.60	59	SW	4	c	29.70	+0.9	51	-3	WNW	3	c	2	0.08	67	50	b.bc	bc.cq	cor.c	6.3		
Leith ... ..		29.66	56	WSW	3	c	29.73	+0.7	55	0	WSW	3	c	*	Trace	65	52	cp.c	c	c.bc	3.7		
North Shields ... ..		29.76	61	WSW	2	c	29.79	+0.2	55	+1	SW	2	c	2	-	67	53	c	c	c	3.0		
Spurn Head ... ..		29.80	61	WSW	3	c	29.88	+0.2	58	+2	SW	5	c	4	0.14	62	51	a.d.c	celr	b.b	5.3		
Yarmouth ... ..		29.88	64	WSW	2	bc	29.95	+0.1	52	-10	SW	2	bc	1	0.21	64	49	pm	bc	bc.c	5.3		
Clacton-on-Sea ... ..		29.90	66	SSW	2	bc	29.99	+0.1	56	-7	WSW	3	c	2	0.08	67	53	cor	or.c.bc	bc.c	6.2		
Nottingham ... ..		29.86	63	W	3	b	29.92	*	54	0	SW	3	cp	*	0.06	67	50	c.c	cp.b	b	8.5		
Bath ... ..		29.97	63	W	2	b	29.95	*	54	-4	WSW	1	r	*	0.10	68	52	o.bc	bc.c	or	5.9		
FRANCE.	London (Kew Obsy.)... ..	29.93	67	W	2	bv	30.02	+0.3	56	-6	SW	2	bc	*	0.16	68	50	om.cbc	bc.bv	bv	5.9		
	Spitzbergen ... ..	29.76	43	NW	1	c	29.76	00	41	-	-	0	bc	*	-	48	37						
	Isafjord ... ..	29.59	51	-	0	b	29.74	-0.7	52	+10	SW	7	o	*	*	*	*						
	Reykjavik ... ..	29.69	57	NW	3	b	29.43	-0.2	49	0	SW	2	r	*	*	*	*						
	Vestmanna ... ..	29.58	56	SW	8	b	29.51	-0.4	49	+2	SW	3	o	0	*	*	*						
	Seydisfjord ... ..	29.54	56	W	2	bc	29.44	-0.6	46	-7	-	0	o	*	*	*	*						
	Thorshavn ... ..	29.39	55	-	0	c	29.57	+0.4	52	+2	-	0	c	*	*	*	*						
	Haparanda ... ..	29.76	53	SW	4	o	29.88	00	54	-1	SW	2	f	*	-	66	50						
	Hernösand ... ..	29.80	59	S	2	b	29.76	00	59	+2	SW	6	bc	*	Trace	66	57						
	Stockholm ... ..	29.93	60	S	1	bc	29.94	+0.1	65	+6	SW	2	b	*	0.28	66	57						
SPAIN, PORTUGAL, &c.	Wisby ... ..	29.99	62	SW	4	b	29.99	-0.1	67	+5	SW	2	bc	*	-	68	57						
	Karlstad ... ..	29.83	58	-	0	o	29.93	+0.8	59	-1	WSW	2	bc	*	0.04	68	55						
	Færder (X'ania Fjord)	29.72	60	SSW	6	o	29.89	+0.4	58	-1	SW	4	b	3	-	69	55						
	Bodö ... ..	29.71	54	-	0	b	29.52	-0.7	55	0	ENE	1	r	0	-	64	48						
	Christiansund ... ..	29.62	54	WSW	1	o	29.73	+0.6	54	-3	W	1	b	1	0.20	68	52						
	Skudesnaes ... ..	29.75	56	SW	4	o	29.80	+0.2	58	0	S	6	o	4	0.16	58	54						
	The Scaw (Skagen)... ..	29.81	62	SW	4	o	29.94	+0.2	57	-1	SW	1	b	1	0.03	66	54						
	Blaavands Huk ... ..	29.87	60	WSW	2	c	29.98	+0.3	60	-1	SW	2	bc	2	-	66	55						
	Cuxhaven ... ..	29.88	65	W	1	o	29.99	+0.3	60	-2	W	2	m	0	-	77	57						
	The Helder ... ..	29.90	61	W	3	bc	29.97	+0.1	57	-3	S	3	m	1	-	70	48						

\* Information for these columns not usually received.

† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 23<sup>RD</sup> AUGUST



GENERAL INFERENCE

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

0 { a  
b  
1  
2 { a  
b  
3  
4 { a  
b  
5

*None Issued*

### 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.

6 { a  
b  
7 { a  
b  
8 { a  
b  
9 { a  
b  
10 { a  
b

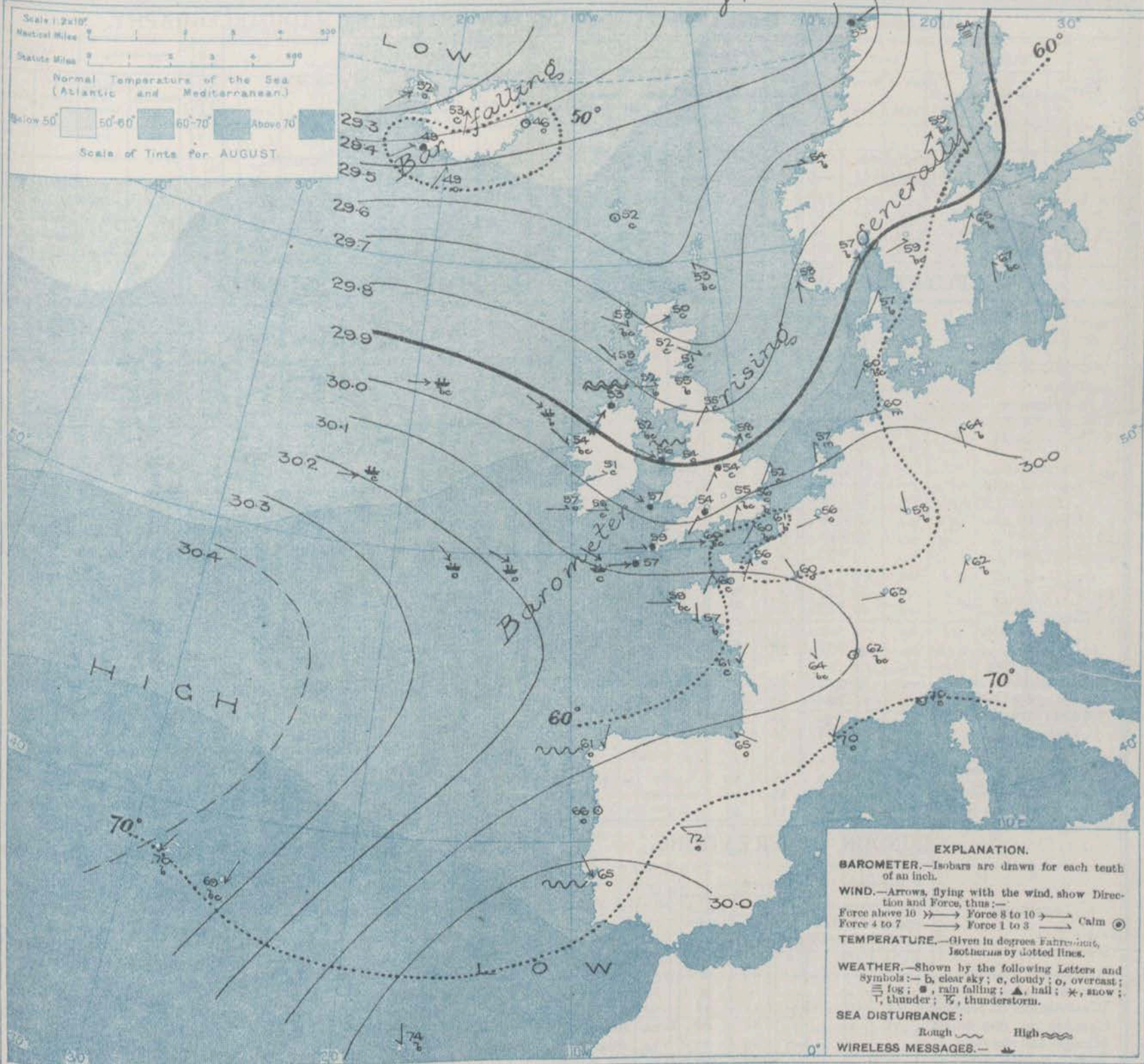
*None Issued*

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Sunday, 24<sup>th</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

An area of high pressure extends from central Europe westward far out across the Atlantic, the barometer being up to 30.4 in. at the Azores. In a depression between Finland and Iceland pressure is down to 29.4 in. The gradient is moderate to very slight.

N.E. to N.W. breezes prevail between France and the Azores, but over the rest of our area a S.W. to N.W. current is reported. As a rule the force is light, but a high wind is blowing in the north-west of Iceland, a gale at Malin Head. At the home stations temperature

ranges from 50° at Wick to 60° at Jersey and Portland Bill; on the continent from 54° at Haparanda and Christiansund to 72° at Madrid; and in Iceland from 46° to 53°. At Spitzbergen the reading is 41°. Fair to fine weather prevails extensively, but showers are falling locally in England, Ireland, southern Iceland and the north of Norway. A high sea is running on the coast of Donegal; in nearly all other regions it is moderate to very smooth.



## DAILY WEATHER REPORT.

Sunday, 24th August, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
24th, 7 a.m.	55	11	Humidian	O	30.06	+0.11	WNW	4-5	b	23rd, 6 p.m.	49	10	Margate	O	30.00	+0.02	WNW	6-7	b
" "	49	7	Philadelphia	O	30.02	+0.01	WNW	4-5	c	" "	55	8	Humidian	O	29.70	-0.04	NW	6-7	b
23rd, 6 p.m.	48	20	Ferland	H	30.38	-0.03	NW	4-5	c	" "	49	1	Philadelphia	O	29.93	0.00	WSW	4-5	c
" "	52	17	Andania	O	29.96	0.00	NW	8-9	o	" 7 a.m.	47	24	Ferland	H	30.43	-0.01	NW	6-7	c
" "	48	17	Humidian	H	30.28	-0.05	NW	6-7	bc	" "	48	21	Humidian	H	30.39	-0.01	NW	6-7	c
" "	55	15	Columbia	H	29.82	-0.05	WSW	8-9	o	" "	54	20	Columbia	H	29.90	-0.08	WNW	6-7	c

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

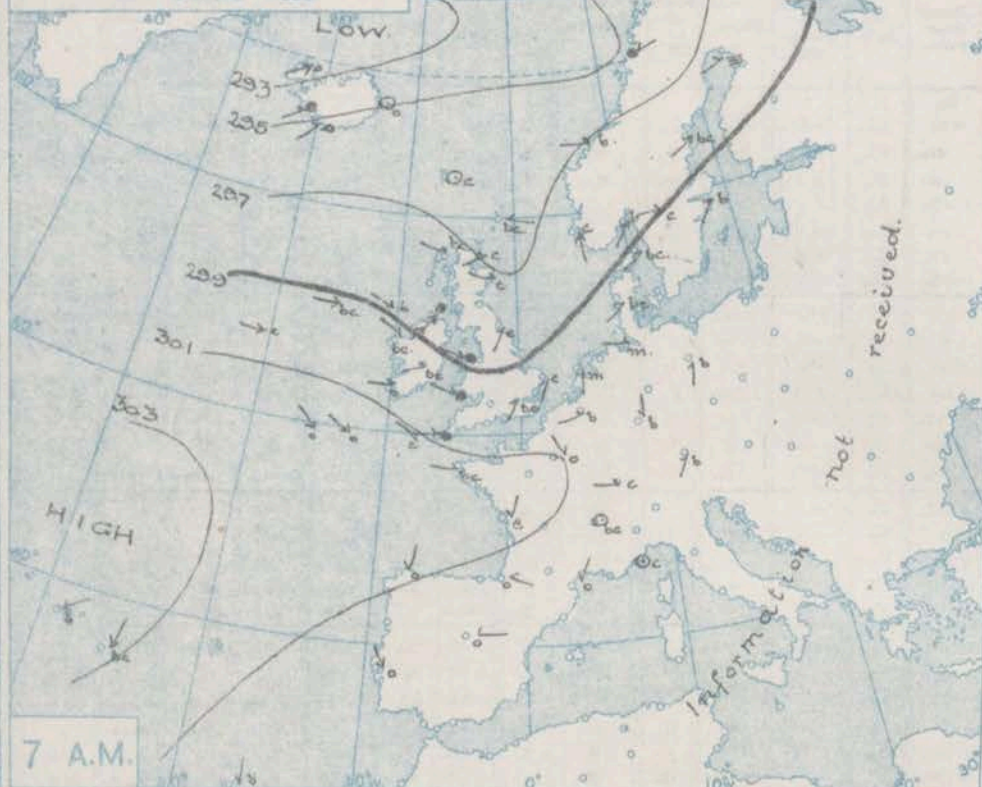
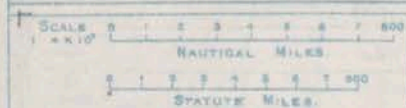
STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun shine to 6 p.m.	
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.		
Scotland.	Oban	...	In.	F. °	F. °		Hr.	Margate	...	In.	F. °	F. °			3.6	
	Stonehaven	...						Ramsgate	...		69	57	o	b	5.1	
	Carnoustie	...	-	64	51		7.3	Folkestone	...	-	68	?				
	St. Andrews	...						Hythe	...							
England, N.E.	Harrogate	...	0.21	63	50	o.b.c.b.	b	7.4	Littlestone	...					6.6	
	Scarborough	...							Hastings	...	-	66	59	o.b.c.	b	6.6
England, N.W.	Douglas	...	0.20	61	51	b.g	b.o.t.g	9.0	Bexhill-on-Sea	...	-	66	61	c.o.b.c.	b	6.6
	Blackpool	...	0.26	63	54	b.e.	o.c.p.e.	8.5	Eastbourne	...	0.01	65	60	b.o.p	o.b	6.0
	Southport	...	0.37	63	53	o.b.c	b.c.b.o.c	8.4	Seaford	...	0.05	65	59	om	o.b	6.1
									Brighton	...	0.09	66	60	d.o.t.o.	c.b.c.b.	5.6
Mid-lands.	Buxton	...	0.53	61	49	c.r.b.c	b.c	6.1	Worthing	...	0.14	67	59	o	b	
	Leamington Spa	...	0.06	67	56	d.p	b	6.5	Littlehampton	...						
	Malvern	...							Southsea	...						
									Ryde	...	0.23	68	59	r.e.b	b.	7.0
Wales.	Rhyl	...	0.38	65	53	c.b.	b.r.c.	8.0	Ventnor	...						
	Colwyn Bay	...							Bournemouth	...	0.11	70	57	r.c.b.c	b.c.b.	6.3
	Llandudno	...	0.37	64	53	b	b.o.p	8.8			0.11	70	57	r.c.b.c	b.c.b.	6.3
	Bettws-y-Coed	...	0.07	67	55	c.p	c.p	3.4	Weymouth	...	0.09	68	57	c.b.c	b	8.0
England, E.	Aberystwyth	...	0.54	62	54	r.o.c	b	9.7	Exmouth	...						
	Tenby	...	0.63	66	?	b	b.c.b	9.3	Teignmouth	...	0.02	71	57	c.b	b	8.6
									Torquay	...						
									Paignton	...	0.05	71	56	c.b	b	17.1
England, E.	Lowestoft	...							Falmouth	...	0.60	68	56	c.b	b	10.1
	Felixstowe	...	0.12	66	60	om.or	m.op.b.c	4.1	Bude	...	0.14	67	54	b	b	9.8
	Walton-on-Naze	...	0.08	66	60	om.r.c	b	4.3	Ilfracombe	...	0.68	63	55	b.c	b.c	10.0
	Southend-on-Sea	...	0.09	68	59	o.p	b	6.0	Weston-super-Mare	...						



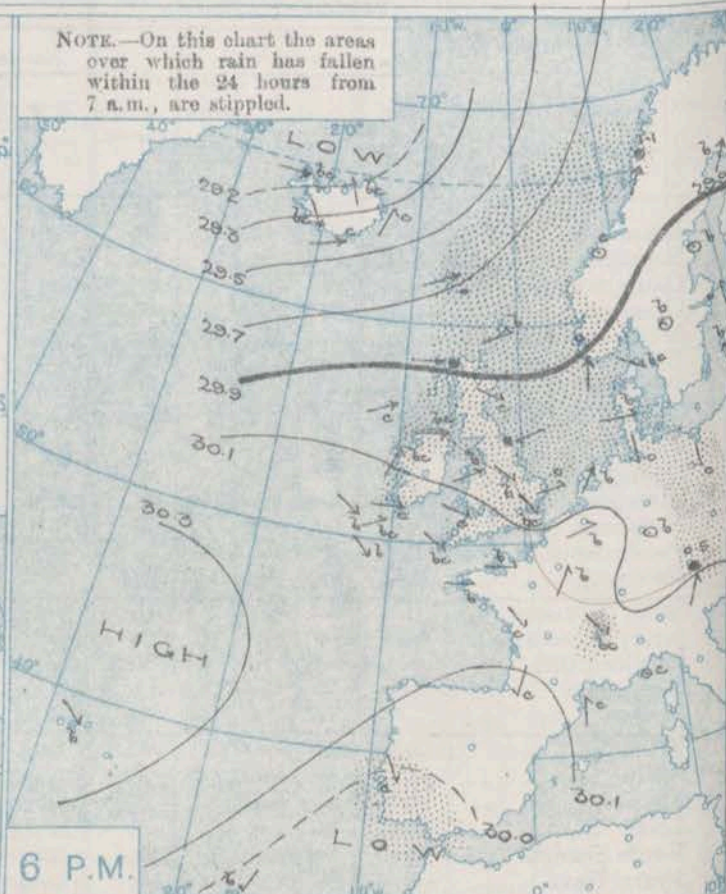
† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 24<sup>TH</sup> AUG.



NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



## GENERAL INFERENCE

It appears probable that a depression will move north-eastward over the north-western and northern parts

## WEATHER PROSPECTS.

of the Kingdom and cause further rain in those districts, but the greater part of England will remain under the influence of the anticyclonic system.

### FORECASTS FOR THE 24 HOURS NOON Monday TO NOON Tuesday.

0 { a } S<sup>4</sup> and SW<sup>4</sup> winds, moderate to fresh, or strong; changeable, some rain; moderate temperature.

1 { S<sup>4</sup> and SW<sup>4</sup> winds, light or moderate; mostly fair, some local showers; moderate temperature.

2 { a } b

3 { Wind mainly between W. and S., of little force; fair to bright generally; temperature moderately high.

4 { a } b

5 {

### 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.

6 { a } b { S<sup>4</sup> and SW<sup>4</sup> winds, light or moderate; mostly fair, some showers later; moderate temperature.

8 { a } b { Same as Nos. 3 to 5.

9 { a } b { S<sup>4</sup> and SW<sup>4</sup> winds, fresh in places; fair generally, some showers later; moderate temperature.

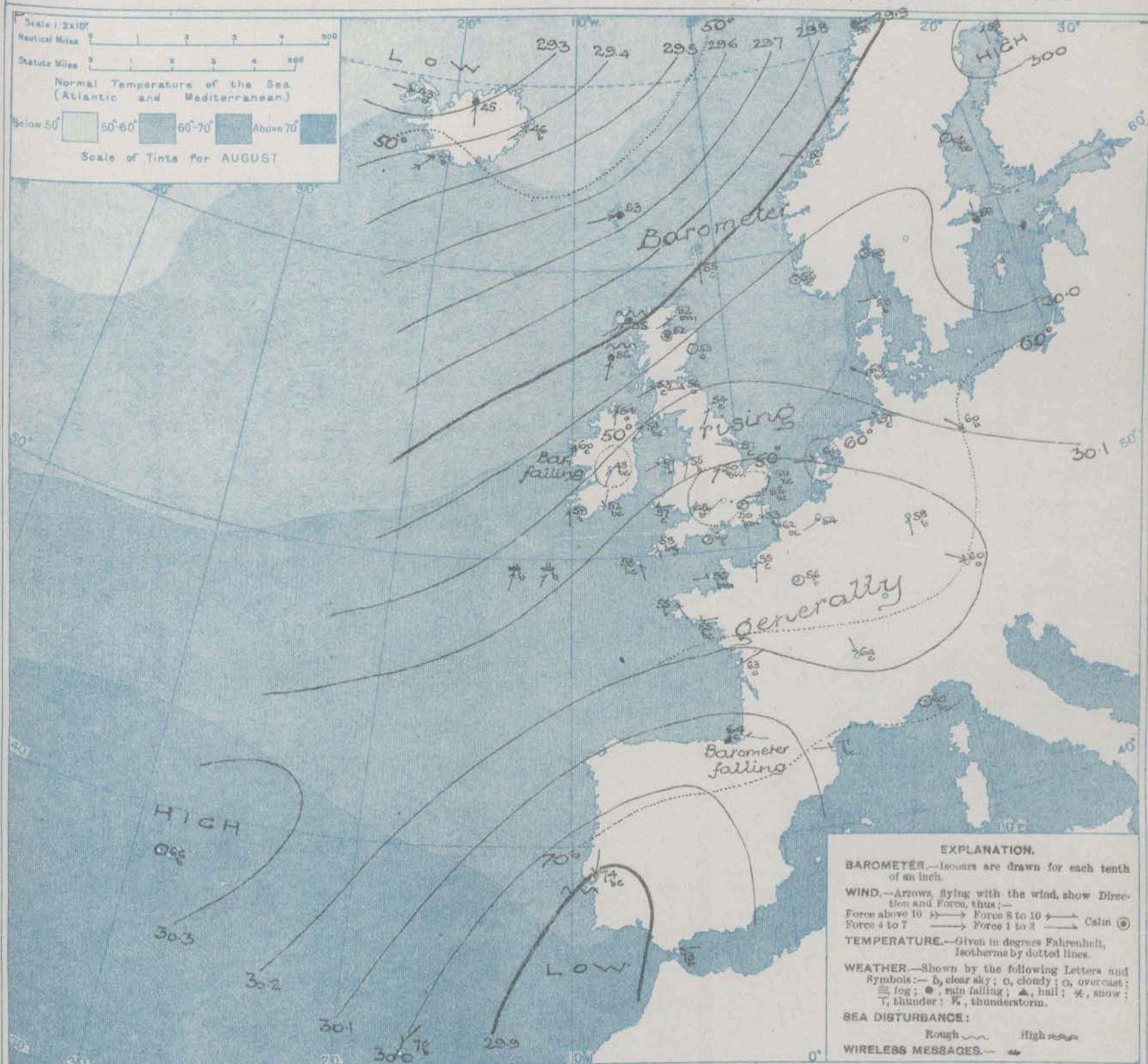
10 { a } b

11 WESTERN CHANNEL AND BAY. Wind light or moderate, variable to S.W.; sea slight or smooth; fair generally, some mist locally.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. MONDAY, 25TH AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.3 in. at the Azores, and above 30.2 in. in an anticyclonic band extending thence across Southern England and Northern France to South Germany and North Italy. In a large depression centred to the northward of Iceland the readings are below 29.3 in.

The wind is light and variable over the south and south-east of England and the Channel, mainly southerly or south-westerly in the west and north of these Islands. On the extreme north-west coasts it blows a fresh to strong breeze. A fresh

South-Westerly breeze prevails in most parts of the Icelandic region, but at Reykjavik a strong gale is reported. Temperature ranges over the United Kingdom from 48° at Bath and Birk Beath and 50° in London and at Nottingham and Great Yarmouth to 60° at Portland Bill and Blackhead Point. Rain is falling in the Hebrides, at Kairn, in some parts of the Icelandic region, at Stockholm and Bodö, but over our area generally the weather is fair to bright.



## DAILY WEATHER REPORT.

Monday, 25th August, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
25th Jan.	49	13	Minneapolis	o	30.14	-0.02	SW	4-5	b.	24th Jan.	52	21	Andania	o	30.00	-0.04	W	6-7	c
"	49	11	Lapland	o	30.12	+0.01	SW	1-3	b.	"	56	18	Empress of Britain	o	29.93	+0.02	W	4-5	bc
24th Gpm.	51	13	Lusitania	o	30.12	-0.01	NW	4-5	b	"	49	16	Finland	H	30.32	-0.01	NW	4-5	o
"	49	12	Finland	H	30.25	-0.03	W	1-3	b	"	49	14	Marquette	o	30.11	+0.05	WNW	4-5	o
"	49	12	Philadelphia	o	30.13	+0.05	NW	4-5	b										
"	51	11	Royal Edmund	o	30.12	-0.02	WSW	1-3	bc										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	In.	F.	F.			Hr.	England, S.E.	Margate	In.	F.	F.			Hr.
	Stonehaven	0.21	66	50	bc	c	6.5		Ramsgate	0.03	68	50	f.b	b.p	7.1
	Carnoustie	0.09	67	51			5.6		Folkestone	0.02	68	47	b.p	b.bc	9.3
	St. Andrews								Hythe		66	52	b.p	b.bc	9.5
Eng. N.E.	Harrogate	0.23	62	50	c.bc	bc.b	5.6	England, S.E.	Littlestone		68	50	b.bc	bc.b	9.6
	Scarborough		65	52	a.c.b	cr	6.2		Hastings		66	51	bc	bc	9.5
England, N.W.	Douglas	0.01	63	52	bcq	bc	10.0		Bexhill-on-Sea		66	53	b.bc	b	9.3
	Blackpool	0.07	73	54	o.bc	bc.c	8.3		Eastbourne		66	53	b.bc	b	9.3
	Southport	0.20	63	54	bc.p.bc	bc.c.bc	10.7	England, S.W.	Seaford						
Mid-lands.	Buxton	0.22	60	49	cr.bc	bc	5.6		Brighton	0.07	66	51	c.bcr	cr.c.b	7.3
	Leamington Spa	0.11	68	57	a	bc	5.5		Worthing	0.22	68	47	b	bc	7.5
	Malvern						6.0		Littlehampton	0.44					8.9
Wales.	Rhyl	0.11	64	53			9.3	England, S.W.	Southsea	0.08	68	54	bc	bc	8.2
	Colwyn Bay	0.11	64	51	c.bc	b	9.5		Ryde	0.04	68	61	bc	bc	9.5
	Llandudno	0.15	67	54	b	b	10.0		Ventnor						
	Bettws-y-Coed								Bournemouth	0.02	69	51	d.c.bcb	bc	7.0
England, E.	Aberystwyth		63	56	bc	b	8.3	England, S.W.	Weymouth		71	57	bc.b	b	10.0
	Lowestoft	0.15	66	48	bc.c.op	o.c.oke	7.0		Exmouth						
	Felixstowe	0.11	69	53	bc	bc.pq	7.8		Teignmouth		70	54	bc	b	8.0
	Walton-on-Naze	0.01	68	50	bc	bc.cr	6.1		Torquay		69	54	b	b	8.5
England, E.	Southend-on-Sea		70	54	b.bc	b.bc	8.3	England, S.W.	Paignton	0.04	71	51	bc.p.b	b	6.2
									Falmouth	0.02	68	57	bc	b	9.0
									Bude	0.21	66	56	r. bc	bc	9.5
									Ilfracombe	0.44	62	55	bc	bc	7.5
									Weston-super-Mare	0.31	65	54	c.b	b.bc	

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain-fall.	WEATHER.			Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Fore-noon.	After-noon.	Night.	
Greenwich (Royal Obs.)	59	59	73	45	33	0.01	c	cp	6.5
City (Sunhill Row)									5.5
Westminster (St. James's Pl.)	77	73	70	48	41		bc	r. bc	6.8
Camden Sq. (Brit. Rainfall)		67	72	45	44	0.01	bc	bc.cpt	6.2
Hampstead (Reservoir)		65	67	48	33	0.03	bc	bc	6.0
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.									
Total.			Mean Rate.		Max. Rate.				
S. Kensington (Roof of M.O.)			1448 Joules.		28.7 Milli-watts.		84.5 Milli-watts.		6.8

## Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.	
Dublin to 4 p.m.	In.	F.	F.				
Plymouth to 9 p.m.							
Darwen							
Manchester							
Birmingham	0.07	65	51	47	r. c	c	5.7
Oxford to 8 p.m.		68	51	47	br. o	opbc	bc.b
S. Kensington (Museum Grounds to 6 p.m.)	0.02	70	52	39	c.bc	c.bcc	upbc

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

25th-26th Aug. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.53 A.M.T. 4.54	G.M.T. 11.55 A.M.T. 11.55	G.M.T. 6.58 A.M.T. 6.56
Greenwich	5.3 5.4	12.2 12.2	7.1 7.0
Wick	4.57 4.59	12.14 12.14	7.31 7.28
Valencia	5.43 5.44	12.43 12.43	7.44 7.43

During yesterday temperature rose to about 70° in some English localities, but only touched 62° at Ilfracombe, and 60° at Buxton. Rain has fallen in most parts of the Kingdom, and thunderstorms have occurred at some stations in the east of England. Bright sunshine was very prevalent except locally in Ireland and Scotland. Wireless reports show that moderate to strong winds from between West and North-West prevailed as for west as the 20th meridian.

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



1913.

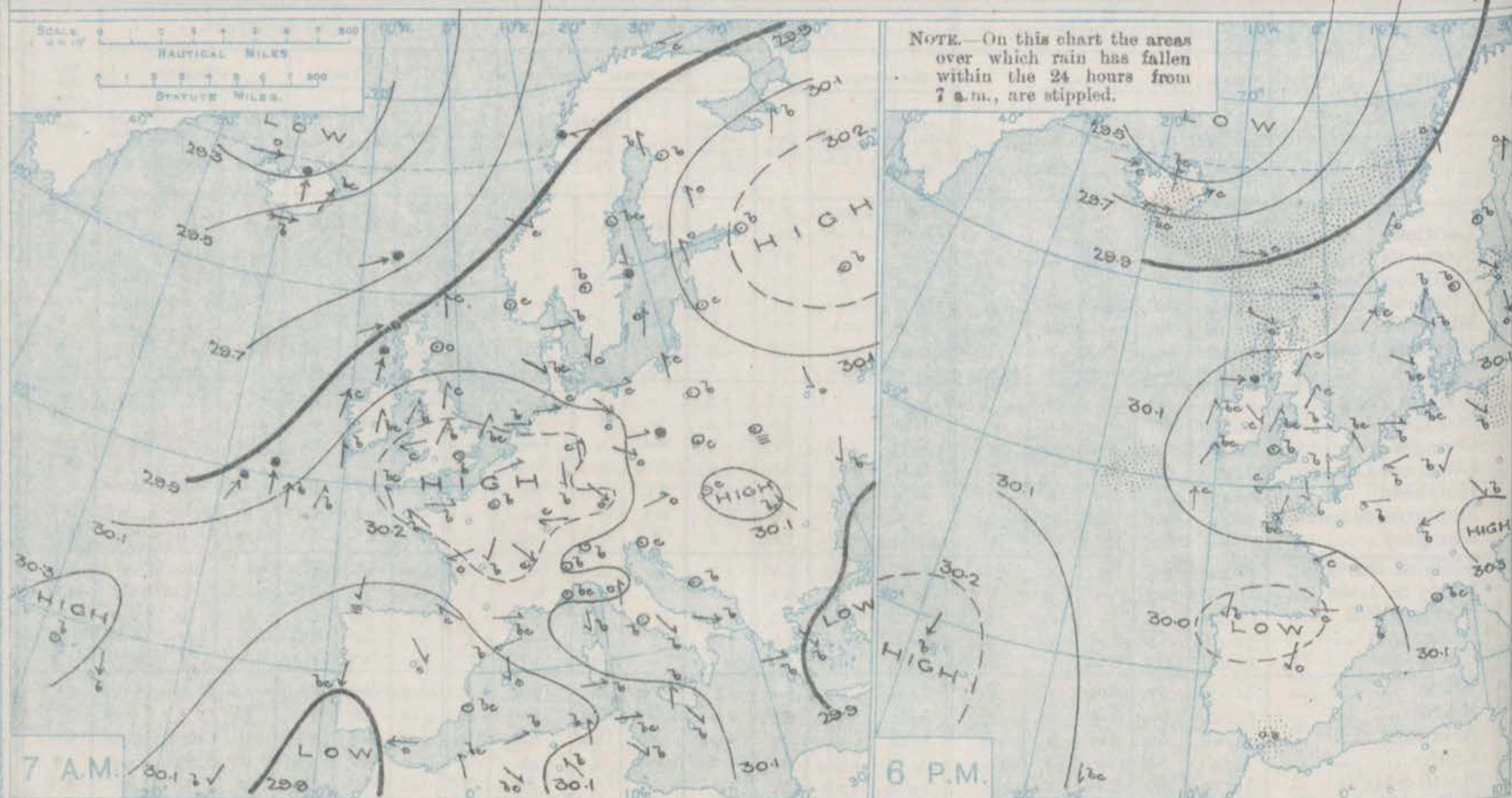
## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,  
26th August 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.										Sun- shine for Yester- day.														
	BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.																							
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	F.	W.			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.																					
																						In.	F.				In.	In.	F.						In.	F.	F.				Hours
																						30.00	55	W	2	0	30.19	+03	52	-3	SSW	2	bc	3	0.02	56	48	0 cp	om	cmbo	*
																						30.08	60	WNW	2	0	30.17	+03	57	+2	W	1	0	1	0.01	61	54	0 cp	0.ey	0.ey	0.7
																						30.10	57	WSW	1	0	30.21	+04	57	+1	SW	3	d	3	0.22	59	54	r. of	of	rd. d	0.2
																						30.16	58	WSW	4	0	30.28	+04	57	+4	WSW	2	m	*	0.16	58	53	c. od.	r. og	og. em	0.4
																						30.15	58	W	4	omp	30.26	+03	57	+3	SW	2	c	2	0.05	60	54	om	omp	bem	*
																						30.15	62	SSW	3	bc	30.27	+03	58	-2	SSW	2	bc	2	Trace	66	53	bey	bey	bem	*
																						30.19	64	SW	2	bc	30.29	+02	55	-4	E	1	c	3	-	69	51	bc	bc	bem	11.1
																						30.21	63	S	2	b	30.29	*	55	+3	N	2	c	2	0.01	67	52	bc c	bc b	c. bem	*
																						30.17	67	NW	1	c	30.29	*	50	+2	W	1	f	*	-	70	47	c	c	cf	9.5
																						30.18	63	SW	2	c	30.27	+02	52	-2	SW	1	bem	1	-	71	52	bc	c	bem	*
																						30.23	64	NW	1	b	30.31	+03	53	-2	SSE	1	b	1	-	66	53	b	b	b. f	12.7
																						30.24	62	SW	2	bc	30.29	+02	53	-4	SE	1	bc	0	-	65	51	bem	bem	bem	12.5
																						30.24	59	-	0	b	30.26	+02	56	-1	NE	1	cm	1	-	65	54	c	bc	b	9.3
																						30.20	62	E	1	c	30.23	+01	58	0	E	1	bc	2	-	65	52	bu. ov	w	bc	3.6
																						30.20	61	E	2	cm	30.22	00	60	+2	E	2	bc	2	Trace	66	56	bc	bem	c	5.6
																						30.23	67	N	3	b	30.22	*	64	+8	E	3	b	3	-	70	55	bem b	b	b	12.7
																						30.23	62	-	0	b	30.24	+01	60	0	NE	4	bc	3	-	65	57	b	b	b. bc	*
																						30.26	63	SW	1	bc	30.29	+02	63	+10	E	2	bc	2	-	68	52	c. b.	c. b.	c. bc.	*
																						30.25	63	SW		b	30.29	*	60	+3	-	0	b	2	-	67	54	3b.	b	b. gw	11.2
																						30.07	57	WNW	3	c	30.21	+02	54	+2	SSE	2	0	2	0.10	60	52	om. em	em. eq	ompd.	*
																						30.06	64	SW	1	c	30.21	*	58	+6	-	0	0	0	0.19	68	51	bc	c	b. o.	1.7
																						30.08	62	SW	2	c	30.25	+04	57	+4	-	0	0	1	0.21	62	52	om. v	op. c	cm. jo	0.6
																						30.14	63	W	3	0	30.25	+04	61	+5	WSW	2	cp	*	0.01	66	55	0	og	og	*
																						30.17	67	SW	2	c	30.30	+03	55	+1	SW	2	c	2	-	71	54	c	c	c	6.6
																						30.21	66	WSW	3	c	30.30	+04	57	0	NW	2	bemw	2	-	70	52	bc	bc	b. bc	10.8
																						30.24	63	SSE	2	bc	30.33	+01	58	+8	S	1	bc	1	-	67	50	bc	bc	b	11.8
																						30.25	63	SE	3	b	30.32	+02	61	+6	NE	1	bc	1	-	66	56	bc	bc b.	b. bcw	12.7
																						30.22	67	N	1	b	30.30	*	46	-4	W	1	bemw	*	-	71	44	bem	b	b	10.8
																						30.23	69	NW	-	b	30.31	*	49	+1	NE	-	bm	*	-	72	44	bc. c	bc b.	bc b.	8.8
																						30.24	70	S	1	bv	30.32	+03	51	+1	-	0	bm	*	-	73	45	bem b.	bem b.	bv	12.1
																						29.59	43	-	0	r	29.57	+01	41	-2	S	1	0	*	?	46	39				
																						29.52	45	W	4	c	29.76	+03	41	-2	-	0	0	*	*	*	*				
																						29.65	51	W	5	c	29.81	+03	46	-5	-	0	0	*	*	*	*				
																						29.69	50	W	9	bc	29.81	+01	44	-3	E	2	r	3	*	*	*				
																						29.50	54	SW	5	c	29.82	+05	46	0	-	0	c	*	*	*	*				
																						29.88	54	W	6	c	30.02	+01	53	0	WSW	4	0	*	*	*	*				
																						30.00	55	SW	2	0	30.04	+04	59	+1	W	2	b	*	-	63	48				
																						30.03	55	-	0	b	30.16	+06	59	+3	-	0	b	*	-	66	48				
																						30.06	60	NW	2	0	30.18	+04	59	0	W	2	b	*	0.12	61	52				
																						30.05	59	N	6	0	30.18	+04	62	?	NNE	2	b	*	-	64	57				
																						30.12	59	-	0	0	30.24	+04	54	+2	-	0	b	*	-	64	45				
																						30.12	60	SW	2	b	30.23	+04	58	-1	N	1	b	1	-	61	55				
																						29.89	55	S	1	c	29.99	+04	53	0	SW	6	bc	3	0.24	61	50				
																						30.00	57	WSW	1	0	30.15	+04	56	+1	WNW	2	c	2	-	57	54				
																						30.19	58	SW	4	c	30.26	+01	59	+3	S	4	c	2	-	59	54				
																						30.18	56	NW	2	b	30.26	+02	60	+2	W	4	b	1	-	64	54				
																						30.26	57	WNW	1	bc	30.39	+03	60	+2	WNW	1	b	1	-	63	58				
																						30.26	58	W	2	bc	30.34	+04	59	+2	W	1	b	0	-	63	50				
																						30.29	60	W	1	b	30.36	+04	57	-4	S	1	b	1	-	66	40				
																						30.29	61	ENE	1	b	30.32	+04	62	+8	SE	1	bc	*	-	73	53				
																						30.17	59	NW	3	b	30.29	+04	56	-4	W	3	b	*	0.16	70	52				
																						30.29	60	NE	1	b	30.35	+01	57	-1	NE	1	b	*	-	75	50				
																						30.30	58	NW	2	b	30.35	+02	55	-5	NNE	2	c	*	-	68	48				
																						30.26	62	NE	2	b	30.30	+03	62	0	ESE	3	bc	1	-	72	55				
																						30.24	62	NE	3	bc	?	*	60	+8	E	4	m	3	-	70	54				
																						30.15	68	NE	2	bc	30.15	00	60	+5	NE	4	c	2	0.04	79	57				
																						30.00	72	E	1	0	30.06	*	63	+8	E	4	0	*	-	88	55				
																						30.06	78	ENE	3	c	30.08	+04	68	+5	E	3	0	*	-	88	63				
																						29.98	81	E	3	c	30.00	00	78	+14	E	3	c	2	-	84	64				
																						30.23	67	E	1	b	30.26	+03	57	+1	NNE	1	b	*	-	74	51				
																						30.22	68	ENE	4	b	30.30	*	53	-8	E	6	m	*	-	77	48				
																						30.12	72	-	0	bc	30.19	+01	70	+1	-	0	0	1	-	81	63				
																						30.09	73	ENE	2	b	30.14	+02	68	-3	NNW	1	0	*	-	82	64				
																						29.98	67	NNE	1	b	29.98	00	65	+3	W	1	c	3	-	75	59				
																						29.96	77	E	5	c	30.02	*	72	-1	W	2	0	3	0.80	83	71				
																						30.26	71	NNE	4	b	30.27	+02	70	+4	NNE	3	0	3	-	81	66				
																						30.10	73	N	2	bc	30.19	+01	72	+2	N	2	bc	2	-	75	59				
																						T. storm 10 p.m.																			



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 25<sup>TH</sup> AUGUST



GENERAL INFERENCE

## WEATHER PROSPECTS.

Over the United Kingdom generally the pressure distribution will continue anticyclonic, but the extreme north-western districts may be affected

somewhat by depressions on the Atlantic moving towards Iceland.

0 {  
a Southerly and South-Western  
winds, light or moderate; mostly fair, some  
local showers; moderate temperature.

1 {  
a Wind light, mainly South-  
Western; fair generally; moderately  
warm.

2 {  
a

3 {  
a Wind light, mainly from  
some Easterly point; fair or bright  
generally; warm during day,  
rather cool at night.

4 {  
a

5 {

### FORECASTS FOR THE 24 HOURS NOON

Tuesday

TO NOON Wednesday.

Same as No. 0.

6 {  
a South-Easterly or Southerly  
winds, light; fair to bright;  
rather warm.

7 {  
a

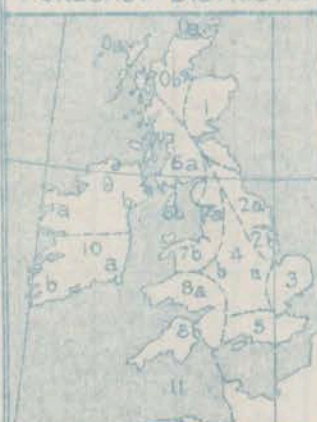
8 {  
a Same as Nos. 2 to 5

9 {  
a Same as No. 0.

10 {  
a Light variable winds; fair or  
fine; moderate temperature.

11 {

### FORECAST DISTRICTS.



### STORM WARNINGS.

The Cones 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. 11 Warnings Issued.

THE FURTHER OUTLOOK. (Districts 2, 3, 4, 5, 6, 7 and 8).

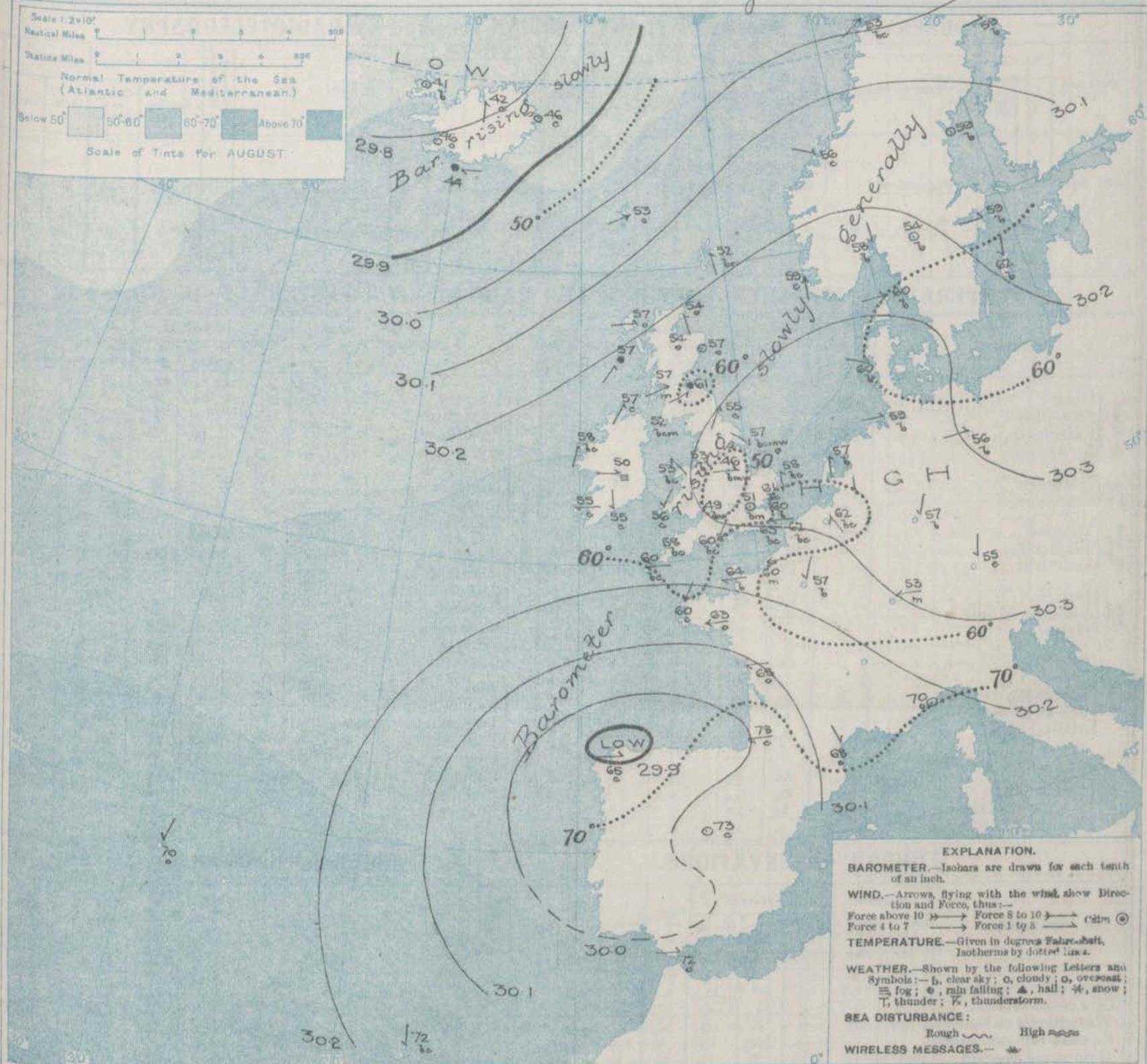
Fine weather continuing.

### 11 WESTERN CHANNEL AND BAY.

Wind between East and North-East, light or moderate; sea slight or smooth; fine generally.



# SYNOPTIC CHART FOR 7 A.M. Tuesday, 26<sup>th</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.3 in. over nearly the whole of England, Denmark, the Netherlands and a large portion of Germany, and above 30.2 in. over a much more extensive area. Over a much more extensive area. Over the Spanish Peninsula it is about 30.0 in., and in the north of Ireland below 29.8 in.

Light winds from the south-southwest prevail in Scotland and the north of Ireland, and light breezes, mainly from East or North-East, over England and France. In the south of Ireland, light variable air are reported.

Temperature has risen in most regions. Over the United Kingdom it ranges from 64° at Jersey, and 63° at Dungeness to 50° at Birn Castle and to 46° at Nottingham. The weather is very fine in most parts of these islands and a very large area on the Continent, but a good deal of cloud is reported in Scotland, with showers at Leith and drizzling rain at Castlebay.



## DAILY WEATHER REPORT.

Tuesday, 26th August, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
25th 6pm.	49	11	Menominee	H	30.17	+0.07	SE	4-5	C	25th 7pm.	50	16	Maurechania	H	29.95	-0.01	S	6-7	C
7am.	49	13	Philadelphia	O	29.88	-0.08	SW	4-5	C		49	14	Menominee	H	30.11	0.00	S	4-5	C

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.			Hr.	(Margate ... ..)	In.	F.	F.			Hr.
Oban ... ..	0.11	58	51	or	omp	0.0	Ramsgate ... ..	0.10	69	50	b	b	11.3
Stonehaven ... ..	0.33	61	47	or	o.c.b.c	0.5	Folkestone ... ..		67	49	"	"	12.5
Carnoustie ... ..	0.04	63	49	"	"	0.0	Hythe ... ..		69	54	g.b.c	b	12.2
St. Andrews ... ..	"	64	51	cp	cp	0.0	Littlestone ... ..		"	"	"	"	12.2
England, N.E.							Hastings ... ..		68	51	b	b	12.4
Harrogate ... ..		68	50	c.b.c.b	b	9.7	Bexhill-on-Sea ... ..		69	51	b	b	12.3
Scarborough ... ..	"	71	51	bc	bc	11.4	Eastbourne ... ..		69	49	b	b	12.1
England, N.W.							Seaford ... ..		69	48	b	b	12.3
Douglas ... ..		63	50	b	b	12.0	Brighton ... ..		67	50	b	b	12.5
Blackpool ... ..		67	56	o.c	bc.b	10.3	Worthing ... ..		69	48	b	b	12.4
Southport ... ..		66	54	bc.b	b	11.3	Littlehampton ... ..		"	"	"	"	12.2
Mid-lands.							Southsea ... ..		70	49	bc	b	11.7
Buxton ... ..		65	45	bc	b	11.2	Ryde ... ..		69	"	b	bc	12.0
Leamington Spa ... ..		72	"	b	b	11.3	Ventnor ... ..		69	52	"	"	12.2
Malvern ... ..		"	"	"	"	6.0	Bournemouth ... ..		69	45	w.a.b	b	11.6
Wales.							(Weymouth ... ..)		70	48	b	b	11.6
Rhyl ... ..		68	48	b	b	12.6	Exmouth ... ..		69	46	b	bc.b	11.7
Colwyn Bay ... ..		70	50	b	b	12.3	Teignmouth ... ..		69	48	b	b	11.3
Llandudno ... ..		69	53	b	b	12.0	Torquay ... ..		68	50	b	bc	11.1
Bettws-y-Coed ... ..		67	47	b	b	11.5	Paignton ... ..		67	46	b	b	5.5
Aberystwyth ... ..		64	56	o.c.b	b.b.c	9.3	Falmouth ... ..		65	50	b.o	bc	8.9
Tenby ... ..		"	"	bc	b	6.7	Bude ... ..		68	45	bc	b	11.5
England, E.							Ilfracombe ... ..		67	54	b	b	11.0
Lowestoft ... ..		68	47	bc	bc.b	12.2	Weston-super-Mare ... ..		71	50	b	b	
Felixstowe ... ..		66	49	b	b	12.6							
Walton-on-Naze ... ..	0.06	65	48	b	b	12.5							
Southend-on-Sea ... ..		71	52	b	b	12.5							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.				Rain-fall.	WEATHER.			Sun-shine for Yesterday.
	3 p.m. Yesterday.	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 Obey.) ...	%	%	F.°	F.°	F.°	In.	b	bc	b	Hr.	
City (Bunhill Row) ...	49	63	77	48	32	-	-	-	-	12.2	
Westminster (St. James's Pk.)	*	*	*	*	*	*	*	*	*	10.5	
Camden Sq. (Brit. Rainfall)	55	75	73	51	43	-	bc	bc	bc.b	12.0	
Hampstead (Reservoir) ...	47	67	75	47	45	-	b	bc	b	10.6	
Kew. (See front page.)	*	63	72	52	34	-	b	bc	c	11.9	
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.											
			Total.		Mean Rate.		Max. Rate.				
S. Kensington (Roof of M.O.)	56	73	1744 Joules.		34.7 Milli-watts.		72.5 Milli-watts.		12.2		
Additional Observations for Yesterday.											
STATIONS.	Rain-fall.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.			
		In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.					
							Max.		Min.		
Dublin to 3 p.m.	In.	F.°	F.°	F.°	b	b	b	11.3			
Plymouth to 9 p.m.	-	70	50	46	bc	bc	bc	10.8			
Darwen "	-	66	47	42	bc	bc	bc	10.1			
Manchester "	-	68	52	46	bc	bc	bc	11.1			
Birmingham "	-	71	47	40	b	bc	bc				
Oxford to 8 p.m.	-	71	47	40	b	bc	bc				
S. Kensington (Museum Grounds to 6 p.m.)	-	73	44	40	b	bc	bc				

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

	26th Aug. 1913.	27th Aug. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ... ..	G.M.T. 4.54	G.M.T. 11.55	6.56		
	4.55	11.54	6.53		
Greenwich ... ..	5.4	12.2	7.0		
	5.5	12.1	6.57		
Wick ... ..	4.59	12.14	7.28		
	5.1	12.13	7.25		
Valencia ... ..	5.44	12.43	7.43		
	5.45	12.42	7.40		

During yesterday temperature rose to about 70° in several parts of the Kingdom, and except in Scotland there was much bright sunshine, more than 12 hours over a very large area in England. Over the greater part of Scotland rain was measured at 7 a.m. the figure being 0.21 in. at Aberdeen, and 0.22 in. at Castlebay.

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday  
27th August 1913.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.			
	BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.							
	At 32° Fahr. and M.S.L. Lat. 45°.		Dry Bulb.				At 32° Fahr. and M.S.L. Lat. 45°.		Dry Bulb.						Max.		Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.					
	In.	F.	Dir.	Force (0 to 12).			In.	Change since 4 a.m.	In.	Change since Yester- day.					Dir.	Force (0 to 12).	In.	F.	F.	bc		em	nd	
Lerwick ... ..	30.22	57	SSW	2	c	30.25	+0.1	55	+3	SSW	2	bc	1	Trace	60	51	bc	em	nd	6.0				
Stornoway ... ..	30.26	59	W	2	c	30.30	0.0	53	-4	SW	3	c	3	-	67	47	bc	bc	bc	0.5				
Castlebay (Barra Isd.)	30.27	57	WNW	2	o.	30.31	-0.1	55	-2	E	1	o	1	0.12	59	51	d md	dm	o	0.5				
Glasgow ... ..	30.24	64	W	2	b.	30.34	0.0	54	-3	-	o	m	2	-	67	51	em	bc	oob	6.9				
Malin Head ... ..	30.30	62	WNW	4	bm	30.34	0.0	55	-2	S	1	b	2	Trace	65	52	bc	bc	em	6.9				
Blackod Point ... ..	30.31	61	NW	2	bc	30.35	0.0	54	-4	NW	1	bc	1	Trace	66	51	bc	bc	bc	6.9				
Valencia ... ..	30.30	64	N	3	b.	30.34	+0.1	55	0	-	o	b	3	-	69	53	bc	bc	bc	7.8				
Roche's Point ... ..	30.28	63	S	1	b	30.31	0.0	57	+2	N	3	b	2	0.01	65	55	bc	bc	bc	6.7				
Birr Castle ... ..	30.28	69	NNE	1	c	30.33	0.0	55	+5	NNW	1	m	2	-	70	50	c	c	em	6.7				
Donaghadee ... ..	30.30	59	NNE	1	bc	30.33	+0.1	54	+2	NNW	2	b	1	-	64	52	b	bc	bc	6.7				
Liverpool Obsy. ... ..	30.29	64	NNW	1	c	30.29	+0.1	57	+4	W	1	o	1	-	69	53	bm	bc	c	9.2				
Holyhead ... ..	30.30	61	NE	2	em	30.29	+0.1	59	+6	NNE	2	bc	1	-	65	53	bc	bc	bc	7.8				
Pembroke (St. Ann's Hd.)	30.24	63	NNE	2	o	30.24	+0.1	60	+4	NNE	3	bc	2	Trace	68	56	em	em	c	1.1				
Newquay ... ..	30.17	70	NE	2	cy.	30.17	+0.2	62	+4	NE	3	cy.	3	0.07	74	58	bc	bc	bc	7.2				
Scilly (St. Mary's) ... ..	30.17	62	NE	3	c	30.15	+0.1	61	+1	NE	4	em	3	Trace	66	58	bc	c	o	5.8				
Jersey (St. Aubin) ... ..	30.12	69	E	4	o	30.08	0.0	63	-1	SNE	5	agm	5	0.06	76	62	bc	c	cy	9.8				
Portland Bill ... ..	30.18	64	E	3	c	30.16	-0.2	60	0	NE	5	c	4	0.31	67	59	bc	c	cy	9.8				
Dungeness ... ..	30.23	65	NE	4	c	30.19	-0.1	62	-1	NE	3	o	3	0.01	70	61	c	c	c	9.9				
Dover ... ..	30.23	62	NNE	4	b	30.20	0.0	61	+1	NE	3	o	4	-	72	59	b	bc	bc	9.9				
Wick ... ..	30.25	58	-	0	c	30.31	+0.1	54	0	-	o	em	1	0.02	59	53	bc	em	em	1.3				
Nairn ... ..	30.26	63	SW	1	o	30.31	0.0	55	-3	-	o	c	0	Trace	71	53	bc	c	o	7.7				
Aberdeen ... ..	30.24	62	-	0	bc	30.31	+0.1	58	+1	NW	1	c	1	-	73	54	bc	bc	bc	7.7				
Leith ... ..	30.26	62	W	1	b	30.31	+0.3	55	-6	W	1	bc	1	-	72	51	bc	b	b	9.2				
North Shields ... ..	30.28	61	E	2	c	30.31	+0.1	55	0	NNW	1	bc	2	-	71	54	c	bc	bc	9.2				
Spurn Head ... ..	30.27	62	ESE	4	bc	30.29	0.0	59	+2	SE	2	c	2	-	67	55	bc	bc	bc	10.0				
Yarmouth ... ..	30.29	61	E	2	bc	30.23	-0.1	61	+3	NE	2	bc	1	-	67	53	bc	bc	bc	10.8				
Clacton-on-Sea ... ..	30.27	64	ESE	3	c	30.23	0.0	62	+1	ESE	3	c	2	-	68	59	bc	bc	bc	10.2				
Nottingham ... ..	30.25	71	NSW	1	bc	30.30	0.0	55	+9	NE	1	c	2	0.01	76	46	bc	bc	bc	10.3				
Bath ... ..	30.21	72	E	0	o	30.24	0.0	60	+11	NE	2	o	2	0.21	77	58	b	b	o	8.8				
London (Kew Obsy.) ... ..	30.28	67	E	3	bc	30.24	+0.1	59	+8	NE	2	em	2	0.04	76	50	bc	bc	bc	8.7				
Spitzbergen ... ..	29.48	40	-	0	o	29.52	+0.4	38	-3	-	o	o	2	?	43	36								
Isafjord ... ..	29.76	51	S	3	o	29.65	0.0	44	+8	S	2	o	2	-	-	-								
Reykjavik ... ..	29.82	52	S	2	o	29.71	-0.3	51	+5	SE	1	o	2	-	-	-								
Vestmanna ... ..	29.86	48	SE	5	o	29.76	-0.3	50	+6	SW	3	o	2	-	-	-								
Seydisfjord ... ..	29.84	56	-	0	bc	29.65	-0.1	58	+12	SW	3	b	2	-	-	-								
Thorshavn ... ..	30.10	52	SW	6	o	30.07	+0.1	52	-1	WSW	3	f	2	-	-	-								
Haparanda ... ..	30.08	56	SW	2	bc	30.02	-0.1	57	-2	W	4	c	2	-	64	52								
Hernösand ... ..	30.21	57	-	0	bc	30.17	+0.2	56	-3	-	o	bc	2	-	66	46								
Stockholm ... ..	30.24	60	-	0	b	30.19	-0.1	61	+2	SW	2	c	2	-	68	50								
Wisby ... ..	30.23	59	N	2	b	30.24	+0.1	63	+1	NNW	2	b	2	-	64	55								
Karlstad ... ..	30.23	57	-	0	b	30.19	0.0	58	+4	SE	2	o	2	-	68	57								
Færder (X'lania Fjord)	30.22	60	SSW	2	b	30.21	+0.1	56	-2	NNE	1	o	2	-	63	53								
Bodö ... ..	30.02	52	SSW	6	o	30.01	+0.1	50	-3	SW	4	o	2	0.83	54	48								
Christiansund ... ..	30.20	54	W	4	bc	30.21	+0.1	54	-2	W	3	o	3	0.04	58	52								
Skudenes ... ..	30.28	59	W	2	o	30.31	+0.1	58	-1	NNW	2	b	2	-	61	55								
The Scaw (Skagen) ... ..	30.27	60	W	2	o	30.22	-0.1	60	0	WSW	2	bc	0	-	63	57								
Blaavands Huk ... ..	30.33	59	W	1	o	30.22	+0.2	58	-2	N	1	f	0	-	70	57								
Cuxhaven ... ..	30.31	61	N	1	b	30.30	0.0	58	-1	SW	1	m	0	-	64	52								
The Helder ... ..	30.32	65	ESE	1	b	30.31	+0.1	63	+6	ESE	2	bc	1	-	68	57								
Brussels ... ..	30.26	65	ESE	3	b	30.24	+0.1	60	-2	ESE	2	c	2	-	76	55								
Berlin ... ..	30.30	63	N	2	b	30.32	+0.2	59	+3	N	1	b	2	-	70	56								
Frankfurt ... ..	30.28	63	NE	1	b	30.28	+0.1	58	+1	NE	1	b	2	-	75	56								
Munich ... ..	30.29	57	E	1	b	30.27	-0.1	54	-1	SE	1	b	2	-	66	45								
C. Gns Nez ... ..	30.23	65	NE	4	m	30.21	0.0	60	-2	F	3	m	2	-	77	59								
La Hève ... ..	30.16	73	NE	3	c	30.12	0.0	64	+4	ESE	3	c	3	-	79	60								
Brest (St. Mathieu) ... ..	30.07	69	NNE	4	o	30.08	+0.4	62	+2	NE	4	r	3	0.95	66	60								
Lorient (Rec. Melen) ... ..	30.00	77	E	3	c	30.07	+0.6	67	-1	W	3	c	2	-	90	66								
Rochefort (Ile d'Als) ... ..	30.06	81	ESE	3	c	30.13	+0.2	70	-8	-	o	b	0	0.16	90	66								
Blairitz ... ..	30.16	71	ESE	2	b	30.08	-0.4	64	+7	ESE	2	bc	2	-	80	57								
Paris ... ..	30.20	68	E	4	m	30.21	0.0	57	+4	E	4	m	2	-	73	58								
Belfort ... ..	30.13	75	-	0	b	30.13	0.0	68	+8	NNW	2	o	2	-	82	62								
Lyons ... ..	30.09	70	-	0	o	29.82	+0.1	73	+3	W	1	o	1	-	81	63								
Nice ... ..	30.14	70	ESE	2	b	30.08	0.0	70	+2	W	1	b	2	-	80	63								
Perpignan ... ..	30.08	77	N	2	b	30.06	0.0	73	-2	S	2	b	2	-	80	68								
Sanguinaire ... ..	30.08	77	N	2	b	30.06	0.0	73	-2	S	2	b	2	-	80	68								
Corunna (S. a.m.) ... ..	29.46	74	SSW	4	b	29.46	0.0	68	-5	S	1	c	2	-	77	50								
Lisbon (S. a.m.) ... ..	30.45	65	NNW	4	b	30.45	+0.1	66	-2	N	2	b	2	-	77	61								

GALLES  
Duration and Extreme Force  
on British Coast.

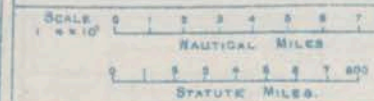
Tide gauge yesterday.

\* Information for these columns not usually received.

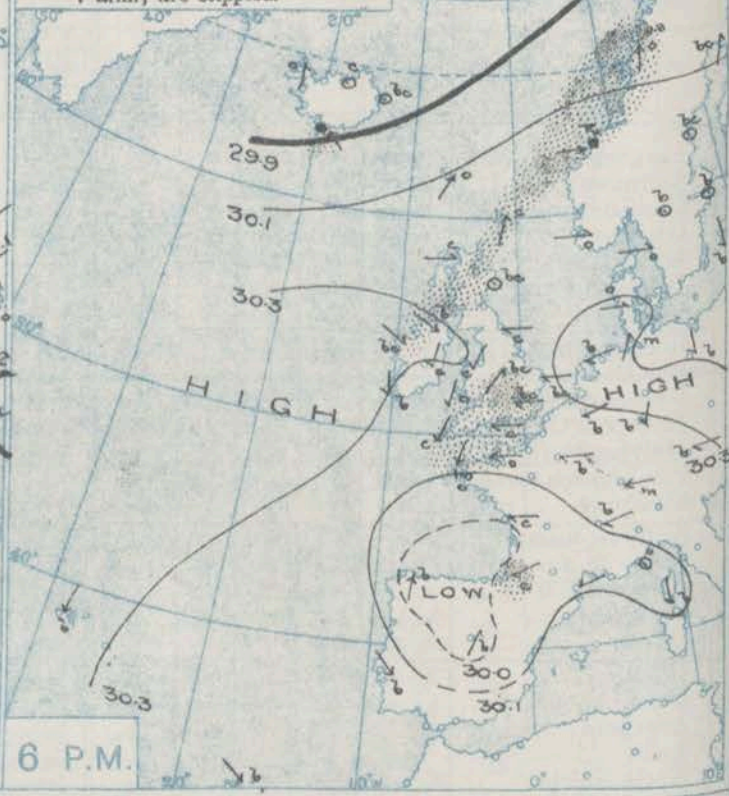
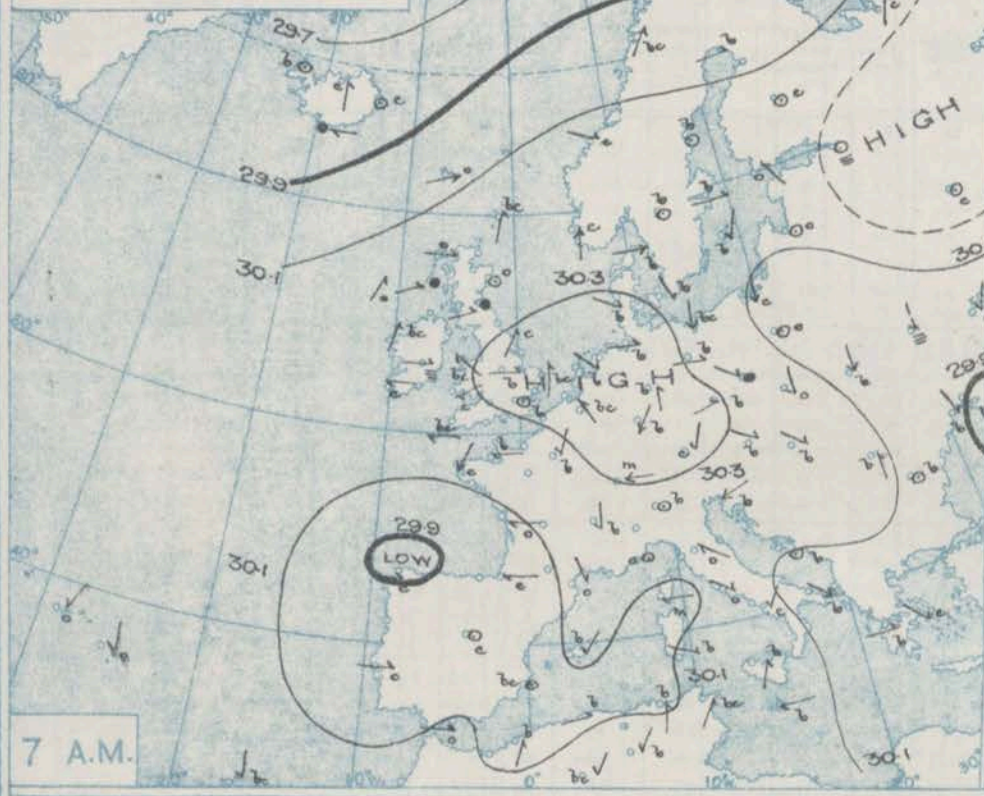
† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 20<sup>th</sup> AUGUST.



NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



7 A.M.

6 P.M.

## GENERAL INFERENCE

## WEATHER PROSPECTS.

The depression over France will continue to influence the weather over a considerable portion of England, but in all the western and northern

parts of the Kingdom the conditions will be mainly under anticyclonic conditions.

## FORECASTS FOR THE 24 HOURS NOON

## Wednesday TO NOON Thursday.

- 0 { a South westerly winds, light or moderate; some local showers, but mostly fair; moderate temperature.
- 1 { b
- 1 { a Wind light and variable; fair or fine generally; moderately warm.
- 2 { b
- 2 { a Wind mainly North Easterly, light or moderate; a good deal of cloud, some rain in places;
- 3 { b
- 3 { a Temperature rather low during day, air humid.
- 4 { b
- 4 { a
- 5 { b
- 5 { a

### 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. 11 Harmingo Issued.

- 6 { a Same as No. 1.
- 6 { b
- 7 { a Wind Northerly or North-Easterly, light; fair generally; moderate temperature.
- 7 { b
- 8 { a Same as Nos. 3 to 5.
- 8 { b
- 9 { a Same as No. 7.
- 9 { b
- 10 { a
- 10 { b

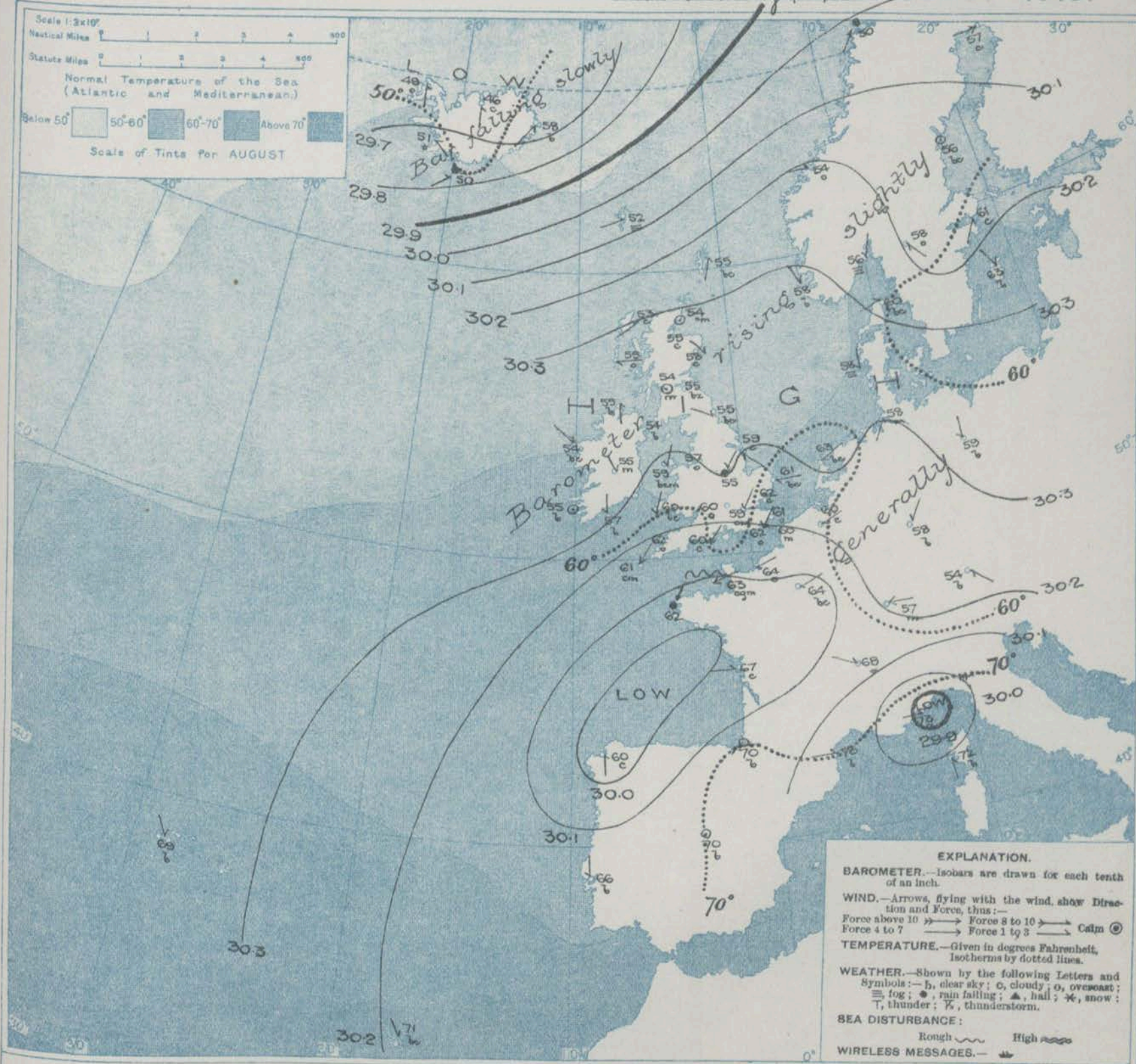
## THE FURTHER OUTLOOK.

## 11 WESTERN CHANNEL AND BAY.

North-Easterly winds, light to fresh; sea moderate; much cloud, some rain and mist.



# SYNOPTIC CHART FOR 7 A.M. Wednesday, 27<sup>th</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.3 in. in an anticyclonic band extending from the Atlantic across Ireland, Scotland and the North Sea to the Baltic, below 29.7 in. in the north of Ireland, below 29.9 in. in a small depression over the Gulf of Genoa, and below 30.0 in. in a shallow disturbance stretching from Spain to Brittany.

The wind over England, the Channel and the north of France is light to moderate or fresh from the North-Eastward, in Ireland and Wales, light and mainly northerly, and

in the north of Scotland, light from some easterly point. Temperature ranges over the United Kingdom from about 60° at many stations in the south to 54° at Donaghadee, Glasgow and Wick, and to 53° at Stornoway. The weather is fair to bright in Ireland, Wales and in most parts of Scotland and the north of England. Over the south eastern, southern and central counties of England, however, the sky is cloudy or overcast, with rain at Nottingham. Rain is also falling at Brest, but on the Continent as a whole the weather is fair, in some places very bright.



## DAILY WEATHER REPORT.

Wednesday, 27th August 1913.

## 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.	
					In.	In.		(0-12).							In.	In.		(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 ...	-	75	55	b.c.	c	8.5	Margate ...	-	71	51	b	b.c.	9.7
Stonehaven ...	-	76	57	b	b	9.7	Ramsgate ...	-	68	58	b.c.b	b	9.9
Carnoustie ...	-	74	57	b	b	8.7	Folkestone ...	-	69	58	b.c.b	b	9.9
St. Andrews ...	-	74	57	b	b	8.7	Hythe ...	-	75	56	b	b	9.7
England, N.E. Harrogate ...	-	71	48	b	b.b.c.	9.8	Littlestone ...	-	75	56	b	b	10.5
Scarborough ...	-	73	55	b.c.	b.c.	11.4	Hastings ...	-	72	57	b	b.b.c.	10.4
England, N.W. Douglas ...	-	67	52	b.c.	b.c.c.	7.0	Bexhill-on-Sea ...	-	70	53	b.b.c.	b	10.8
Blackpool ...	-	69	46	c.b	b.c.c.	8.6	Eastbourne ...	-	76	51	b	b.b.c.	11.1
Southport ...	-	70	46	b.b.c.	b.c.b.c.	9.0	Seaford ...	-	76	51	b.c.	b.c.c.	10.3
Mid-lands. Buxton ...	-	69	42	b	b	9.4	Brighton ...	-	73	50	b	b.c.	10.3
Leamington Spa ...	-	77	63	b	b.c.	10.5	Worthing ...	-	75	51	b.b.c.	c.b.b.c.	8.7
Malvern ...	-	69	47	b	b	9.9	Littlehampton ...	-	71	51	b	b	8.5
Wales. Rhyl ...	-	69	43	b	b	10.5	Southsea ...	-	69	51	b.b.c.	c.b.b.c.	8.0
Llandudno ...	-	68	50	b	b	10.9	Ryde ...	-	74	46	b.b.c.	c.o.	6.0
Bettws-y-Coed ...	-	65	51	c.b.c.	c.b.c.	4.3	Ventnor ...	-	73	51	b.c.b	b.o.	3.7
Aberystwyth ...	-	70	52	c.b.c.	c.b.c.	1.5	Bournemouth ...	-	72	46	c.b	b.c.	3.4
Tenby ...	-	67	54	b	b.b.c.	11.0	Weymouth ...	-	67	49	c.p.b	b.op	4.1
England, E. Lowestoft ...	-	67	53	b.c.b.c.	b.c.b.c.	10.7	Exmouth ...	-	69	51	b.c.	c.o.	4.4
Felixstowe ...	-	67	54	b.c.b	b.c.b	9.6	Teignmouth ...	-	67	49	b.c.	b.c.	4.4
Walton-on-Naze ...	-	67	54	b.c.b	b.c.b	9.6	Torquay ...	-	67	49	b.c.	b.c.	4.4
Southend-on-Sea ...	-	74	54	b.c.b	b.c.b	11.0	Paignton ...	0.02	72	53	b.c.	b.c.	6.4
							Falmouth ...	-	76	49	b.c.	b.c.	4.4
							Bude ...	-	70	53	c.b.c.	b.c.c.	7.0
							Ilfracombe ...	-	75	49	b	b.b.c.	7.0
							Weston-super-Mare ...	-	75	49	b	b.b.c.	7.0

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.				Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.	Fore-noon.		After-noon.	Night.	In Screen.				Night Min. on Grass.	Night.	Fore-noon.	After-noon.			
			Max.	Min.			Max.											Min.		
																			24 HOURS ENDED 9 A.M. TO-DAY.	
Greenwich (Royal Obs.) ...	%	%	F.	F.	F.	In.				Hr.	Dublin to 4 p.m.	In.	F.	F.	F.					
City (Bunhill Row) ...	53	85	76	57	53	0.26	b	6.0	0.7	9.5	Plymouth to 9 p.m.	0.05	73	52	44	or	bc	bc	7.0	
Westminster (St. James's Pl.)	59	95	75	58	57	0.12	bc	bc	r. bc	9.0	Darwen "	"	69	49	43	bcw	bcg	bc.g	7.0	
Camden Sq. (Brit. Rainfall)	52	89	78	57	56	0.12	b.m	b.m	bc.or	8.6	Manchester "	"							9.0	
Hampstead (Reservoir) ...	"	93	73	55	50	0.10	bc	or	0	9.9	Birmingham "	-	76	51	36	-	b	b	9.0	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									Oxford to 8 p.m.	"	77	45	40	bc	b	bcw	9.0
			Total.		Mean Rate.		Max. Rate.				S. Kensington (Museum Grounds to 6 p.m.)	-	76	53	37	bc.b	bcg	bc.c	9.0	
S. Kensington (Roof of M.O.)	60	94	1300 Joules.		259 Milliwatts.		62.0 Milliwatts.		8.7											

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

	27th 12th Aug 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 2.35	G.M.T. 11.54	G.M.T. 6.53	
Greenwich ...	4.57	11.54	6.53	
Wick ...	5.5	12.1	6.57	
Valencia ...	5.7	12.1	6.58	
	5.1	12.13	7.25	
	5.4	12.13	7.22	
	5.45	12.42	7.40	
	5.47	12.42	7.38	

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 90° in the south of France, and to above 75° in many parts of England and Scotland. Bright sunshine was very prevalent over the country as a whole, but rain fell during the night at some southern and south-eastern stations, the largest measurement being 0.31 in at Portland Bill. A thunderstorm occurred at Biarritz, and 0.95 in of rain was measured this morning at Brest.

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 wrapping.



1913.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday  
28th August 1913.

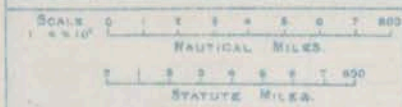
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
	At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Direc.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Direc.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.			
BRITISH ISLANDS.	Lerwick ... ..	In.	F.	SSW	4	c	In.	In.	F.	-	S	3	m	3	In.	F.	F.	bc	c	o.f.m.	Hours			
	Stornoway ... ..	30.23	56	SSW	4	c	30.06	-0.17	54	-1	S	3	o	4	-	59	53	bc	c	o.f.m.	1.5			
	Castlebay (Barra Isd.)	30.22	58	SW	4	o	30.06	-0.13	56	+3	SSW	4	o	4	-	62	53	c.b.g.	b.c.g.	o	0.0			
	Glasgow ... ..	30.24	56	SSW	2	dy	30.10	-0.13	55	0	W	3	md	2	0.02	57	54	o	af	af	0.0			
	Malin Head... ..	30.25	65	W	1	b	30.15	-0.05	49	-5	-	0	f	*	-	68	42	g.c.b.	b.b.c.	b.f.	6.0			
	Blacksod Point ... ..	30.28	63	W	1	b	30.14	-0.14	55	0	WSW	3	o	2	-	65	52	bc	bc	om	*			
	Valencia ... ..	30.28	61	NW	1	bc	30.15	-0.05	56	+2	WSW	1	o	1	trace	64	53	bc	bc	om	*			
		30.25	64	NNW	3	b	30.15	-0.02	51	-4	-	0	bw	2	-	69	49	bz	bz	bc	12.7			
	Roche's Point ... ..	30.24	69	N	3	b	30.12	*	56	-1	NNW	3	b	2	0.01	70	54	c	bc	bc	*			
	Birr Castle ... ..	30.24	67	N	1	b	30.15	*	49	-6	W	1	f	*	-	68	44	c	b	f	4.7			
ICELAND, FAEROE, &c.	Donaghadee ... ..	30.27	58	N	3	b	30.16	-0.03	49	-5	NNW	1	b	1	-	63	49	c	bc	b.b.c.	*			
	Liverpool Obsy. ....	30.23	62	NNW	1	c	30.13	-0.03	57	0	SE	1	c	1	-	66	56	om	om	bc	2.1			
	Holyhead ... ..	30.25	59	N	2	cm	30.12	-0.03	58	-1	N	1	bc	1	trace	65	55	bc	bc	bc	5.7			
	Pembroke (St. Ann's Hd.)	30.19	61	N	3	bc	30.06	-0.03	62	+2	NNE	2	cm	2	-	72	59	bc	bc	bc	8.5			
	Newquay ... ..	30.11	63	N	2	cy	29.98	-0.03	61	-1	NE	1	cy	2	0.07	65	60	cy	cy	op	0.0			
	Scilly (St. Mary's) ... ..	30.13	61	NE	3	cm	30.00	-0.01	61	0	NNE	4	cm	4	0.02	66	59	m	om	om	0.9			
	Jersey (St. Aubin) ... ..	30.03	73	NE	3	bc	30.01	*	63	0	S	1	cm	1	0.03	73	59	bc	bc	bc	3.8			
	Portland Bill ... ..	30.09	68	NE	1	c	29.98	-0.01	62	+2	ESE	5	bc	4	trace	74	60	c	c	c	*			
	Dungeness ... ..	30.12	66	NE	5	cm	30.05	0.00	64	+2	NE	3	bc	3	trace	70	61	c	c	c	*			
	Dover ... ..	30.14	65	NE	4	bc	30.05	*	64	+3	NE	2	b	4	-	72	59	bc	bc	bc	5.5			
SCANDINAVIA.	Wick ... ..	30.24	55	ESE	2	c	30.06	-0.04	55	+1	S	2	bc	3	0.02	57	48	bc	bc	bc	*			
	Nairn ... ..	30.21	68	SE	1	b	30.09	*	54	-1	NNW	1	bc	1	-	70	45	b	bc	bc	10.0			
	Aberdeen ... ..	30.25	60	ESE	2	b	30.10	-0.04	51	-7	SSW	1	b	1	-	70	47	bc	b	bc	9.3			
	Leith ... ..	30.22	65	E	1	bc	30.12	-0.03	53	-2	NNW	1	m	1	-	69	49	bc	bc	bc	*			
	North Shields ... ..	30.25	60	-	0	c	30.16	-0.01	55	0	SW	1	m	2	-	66	51	c	c	c	8.4			
	Spurn Head ... ..	30.23	60	E	2	c	30.15	-0.01	58	-1	ESE	3	o	2	-	67	55	bc	bc	bc	5.0			
	Yarmouth ... ..	30.22	62	NE	3	c	30.12	-0.03	61	0	ESE	3	c	3	-	66	60	bc	c	c	6.4			
	Clacton-on-Sea ... ..	30.18	65	NE	4	bc	30.08	-0.02	63	+1	NE	3	bc	3	-	68	60	c	c	c	2.8			
	Nottingham ... ..	30.21	67	E	3	bc	30.14	*	55	0	NE	3	om	*	0.01	72	50	c	c	c	2.9			
	Bath ... ..	30.15	70	E	-	c	30.06	*	59	-1	E	3	b	*	-	74	57	c	c	c	3.7			
GERMANY, &c.	London (Kew Obsy.) ... ..	30.15	69	ESE	2	bc	30.06	-0.01	60	+1	NE	3	bc	*	-	75	58	om	om	bc	2.8			
	Spitzbergen ... ..	29.64	40	SE	2	o	29.77	+0.13	41	+3	S	1	bc	*	-	41	36	*	*	*	*			
	Isafjord ... ..	29.44	50	-	0	r	29.59	+0.15	41	-8	E	5	o	*	-	*	*	*	*	*	*			
	Reykjavik ... ..	29.53	51	SW	4	o	29.54	+0.01	46	-5	SW	1	r	*	-	*	*	*	*	*	*			
	Vestmanna ... ..	29.60	50	SW	2	o	29.54	+0.06	46	-4	W	6	c	1	-	*	*	*	*	*	*			
	Seydisfjord ... ..	29.48	57	-	0	r	29.46	+0.01	52	-6	WSW	3	c	*	-	*	*	*	*	*	*			
	Thorshavn ... ..	30.03	52	WSW	4	m	29.75	-0.08	53	+1	SSW	6	r	*	-	*	*	*	*	*	*			
	Haparanda ... ..	30.05	53	W	2	bc	30.01	-0.02	57	0	W	2	b	*	-	57	46	*	*	*	*			
	Hernösand ... ..	30.18	54	-	0	b	30.19	-0.01	56	0	-	0	b	*	-	64	46	*	*	*	*			
	Stockholm ... ..	30.16	60	-	0	b	30.20	+0.01	63	+2	S	2	b	*	-	66	52	*	*	*	*			
FRANCE.	Wisby ... ..	30.21	59	-	0	bc	30.20	0.00	63	0	-	0	b	*	-	66	54	*	*	*	*			
	Karlstad ... ..	30.20	59	-	0	b	30.21	0.00	52	-6	-	0	b	*	-	64	48	*	*	*	*			
	Färder (X'ania Fjord) ... ..	30.19	60	SW	2	b	30.18	0.00	59	+3	S	1	m	1	-	63	55	*	*	*	*			
	Bodö ... ..	30.00	53	S	5	o	29.95	+0.01	54	+4	SSW	5	r	3	0.59	54	48	*	*	*	*			
	Christiansund ... ..	30.21	54	W	1	c	30.10	-0.02	55	+1	NNW	1	o	3	-	55	54	*	*	*	*			
	Skudesnaes ... ..	30.31	60	N	4	b	30.19	-0.02	58	0	S	2	b	2	-	60	54	*	*	*	*			
	The Scaw (Skagen) ... ..	30.20	60	W	1	b	30.17	0.00	58	-2	SSW	1	f	0	-	68	50	*	*	*	*			
	Blaavands Huk ... ..	30.30	56	N	1	f	30.24	-0.01	55	-3	NE	1	f	0	-	63	54	*	*	*	*			
	Cuxhaven ... ..	30.24	63	N	2	b	30.20	-0.01	61	+3	E	2	b	0	-	66	57	*	*	*	*			
	The Helder ... ..	30.23	64	NE	3	bc	30.15	-0.01	62	-1	E	2	bc	1	-	68	61	*	*	*	*			
PORTUGAL, &c.	Brussels ... ..	30.13	66	ESE	2	b	30.08	-0.02	64	+4	E	1	b	*	-	79	58	*	*	*	*			
	Berlin ... ..	30.23	66	N	1	b	30.22	0.00	61	+2	-	0	b	*	-	72	54	*	*	*	*			
	Frankfurt ... ..	30.17	62	E	1	b	30.15	0.00	61	+3	NE	1	b	*	-	77	55	*	*	*	*			
	Munich ... ..	30.18	58	E	2	b	30.15	+0.01	53	-1	E	3	b	*	-	68	46	*	*	*	*			
	C. Gris Nez ... ..	30.14	67	ESE	4	bc	30.04	-0.01	65	+5	ESE	3	b	2	-	70	59	*	*	*	*			
	La Hève ... ..	30.06	75	ESE	3	m	29.99	*	64	0	-	0	m	0	-	82	61	*	*	*	*			
	Brest (St. Mathieu) ... ..	30.01	66	ESE	3	o	29.99	-0.01	62	0	NNW	1	m	1	0.04	72	61	*	*	*	*			
	Lorient (Rec Melen) ... ..	29.92	65	SSE	1	f	29.96	0.00	64	0	NW	2	m	1	-	75	61	*	*	*	*			
	Rocheport (Ile d'Als) ... ..	30.08	68	WSW	3	bc	30.01	0.00	64	-3	NE	3	c	2	-	79	61	*	*	*	*			
	Biarritz ... ..	30.04	71	ESE	3	b	29.96	-0.02	68	-2	SSW	3	b	2	-	77	64	*	*	*	*			

\* Information for these columns not usually received.

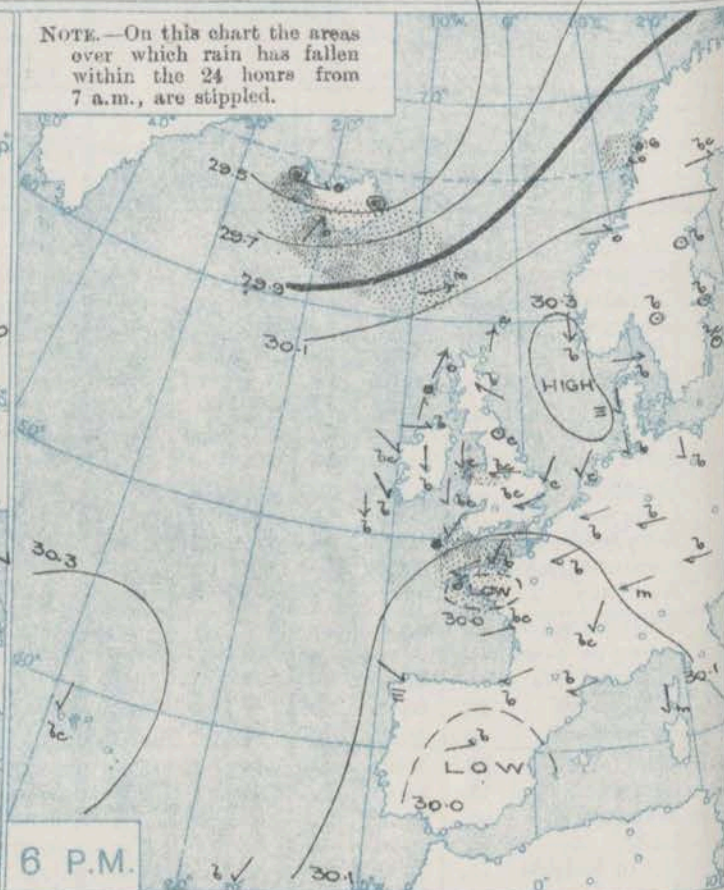
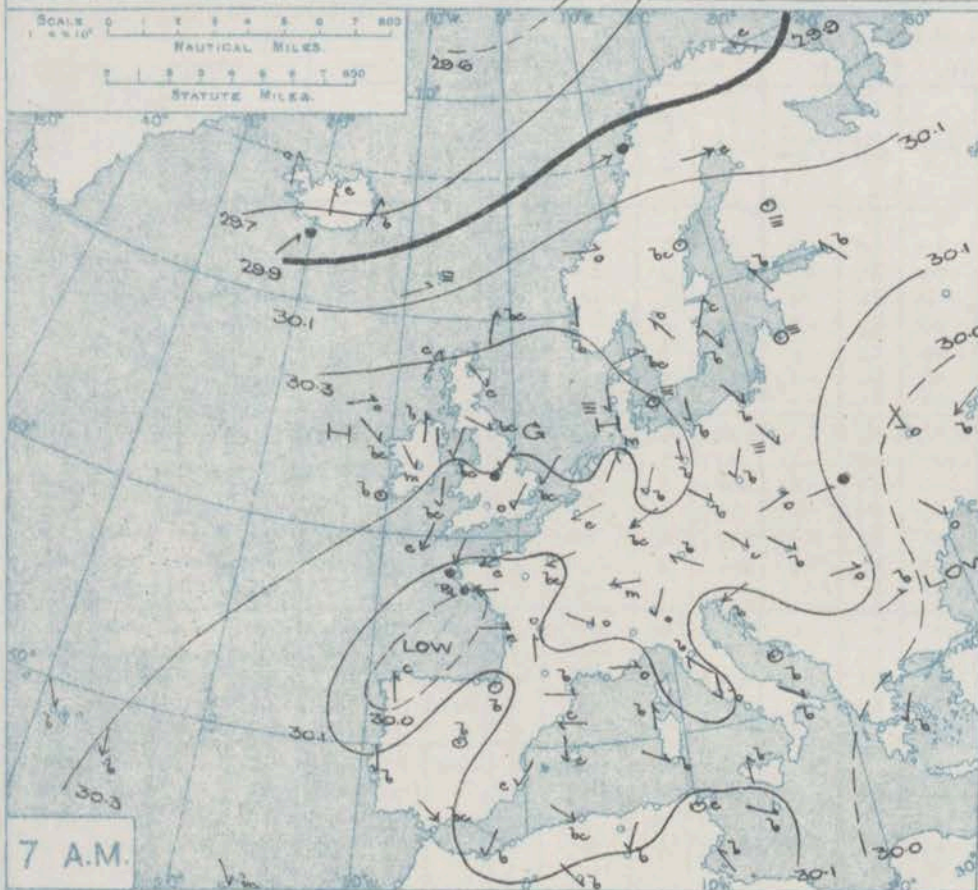
† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 27<sup>th</sup> AUGUST.



NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



## GENERAL INFERENCE

The decrease of pressure will probably continue for a time over these Islands and their neighbourhood, but does not appear likely

## WEATHER PROSPECTS.

to result in any great alteration in the general distribution.

## FORECASTS FOR THE 24 HOURS NOON Thursday

## TO NOON Friday.

0 {  
a Southernly and South-Westerly winds, light or moderate; some rain locally, but mostly fair; moderately warm.  
b

1 {  
a South-Westerly winds, light or moderate; fair generally, showers locally; rather warm.  
b

2 {  
a Wind mainly North-Easterly, light or moderate, fresh locally; fair generally; temperature rather high during day inland.  
b

3

## THE FURTHER OUTLOOK.

## 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.

6 {  
a Same as No. 1.  
b

7 {  
a Light variable winds; fair generally; warm during day.  
b

8 {  
a North-Easterly winds, light or moderate, fresh locally; mostly fair, dull at times, some mist; moderate temperature.  
b

9 {  
a Same as No. 1.  
b

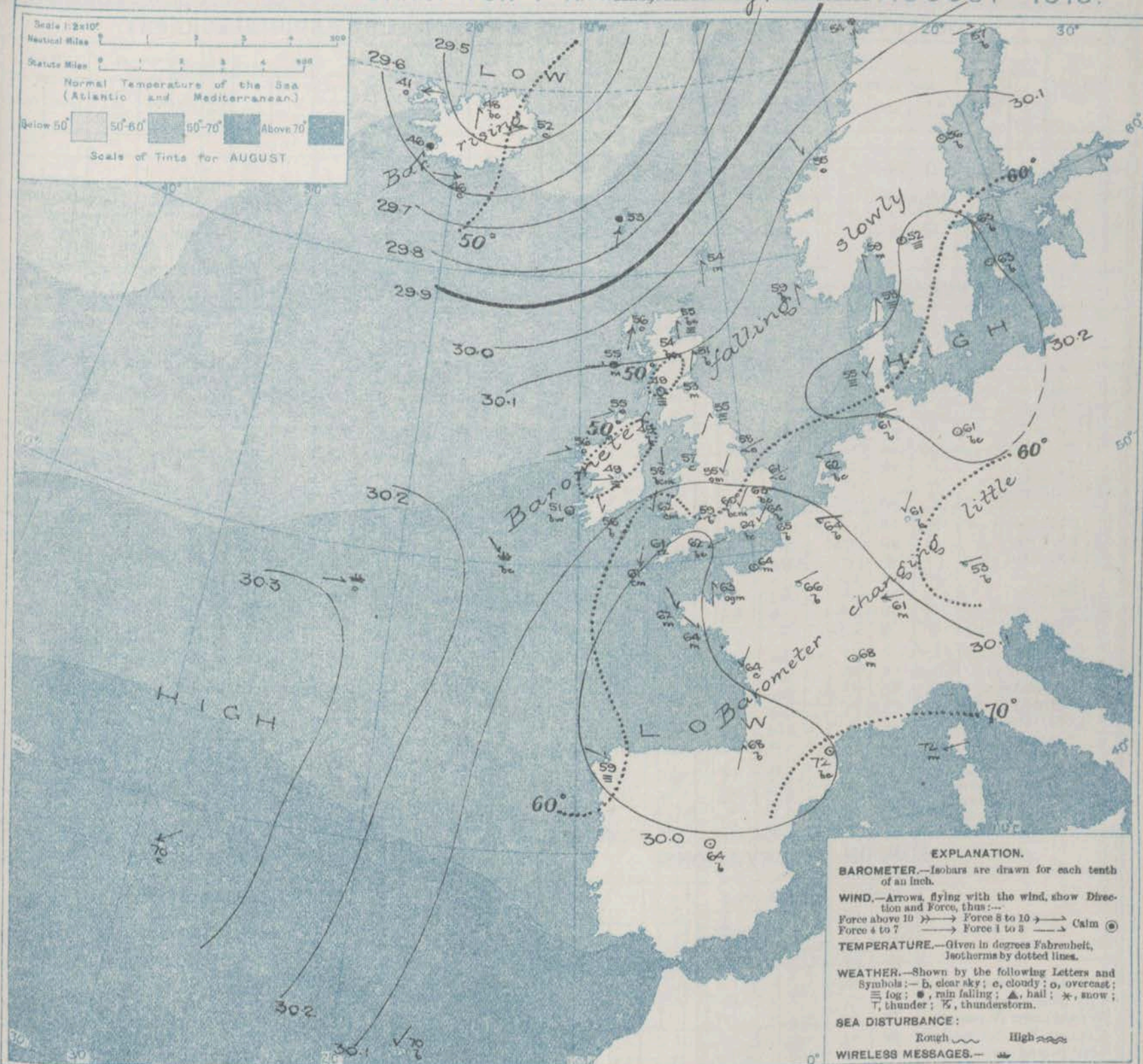
10 {  
a Same as No. 7.  
b

## 11 WESTERN CHANNEL AND BAY.

North-Easterly or Northerly winds, light or moderate to fresh; sea slight to moderate; cloudy or overcast generally, some mist and rain.



# SYNOPTIC CHART FOR 7 A.M. Thursday, 28<sup>th</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.2 in over the Baltic region, whence the readings decrease to about 30.15 in. in Ireland, and increase to above 30.3 in. at the Azores. In a shallow depression covering the Bay of Biscay, Brittany and the western portion of the channel the readings are below 30.0 in., and very little above that value in any part of France. In a large depression centred to the north-eastward of Iceland the barometer is below 29.5 in.

The wind is mainly North Easterly over England, Wales and Channel, and light or moderate in

force, but over Scotland and the north of Ireland there is a south-westerly to southerly current, and a similar direction prevails between Scotland and Iceland, the force at Skokholm being strong. Temperature ranges over the United Kingdom from 49° at Glasgow, Donaghadee & Bir Castle to 64° on the south east coast of England. Rain is falling at Castlebay, and in a few other parts of the Kingdom the sky is cloudy or overcast, but generally the weather is fair to bright, although in some places the atmosphere is misty or foggy. Fair or fine weather is reported in most Continental regions, but fog is prevalent on the coast of Denmark, and rain is falling at Boddø.



## DAILY WEATHER REPORT.

Thursday, 28th August 1913.

## 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.	
28th Jan	48	21	Olympic	H	30.29	-0.3	W	1-3	0										
28th Jan	50	14	Cymric	O	30.18	-0.4	NW	1-3	bc	27th Jan	55	11	Empress of Ireland	H	30.34	.00	WSW	1-3	0
27th Gpm	51	11	Carmaria	O	30.27	-0.2	N	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 ... ..	-	59	47	bc.c	b	7.5	Margate ... ..	-	69	61	b	b	5.7	
	Stonehaven ... ..	-	75	55	b	bc	11.1		Ramsgate ... ..	-	67	60	"	"	5.6
	Carnoustie ... ..	-	66	48	"	"	10.9		Folkestone ... ..	-	74	61	b.bc.	bc.b	6.0
	St. Andrews ... ..	-	72	46	b	b	11.1		Hythe ... ..	-	"	"	"	"	"
England, N.E.	Harrogate ... ..	-	69	50	c.bc.b	bc	3.0	Littlestone ... ..	-	"	"	"	"	8.2	
	Scarborough ... ..	-	67	54	bc	bc	10.6	Hastings ... ..	0.07	77	59	op.b	b	8.5	
England, N.W.	Douglas ... ..	-	68	55	bc	bc	11.5	Bexhill-on-Sea ... ..	0.09	77	60	bc	bc.c	8.4	
	Blackpool ... ..	-	68	50	m.b	cm	2.5	Eastbourne ... ..	0.23	77	58	c.bc.b	b.bc	7.9	
	Southport ... ..	-	69	52	o.bc	bc.o	0.8	Seaford ... ..	0.15	78	59	o.b	b.m	7.4	
Mid-lands.	Buxton ... ..	-	67	50	c	c.b	2.3	Brighton ... ..	0.12	79	59	c.bc.c	c.o	6.6	
	Leamington Spa ... ..	0.08	73	64	c	bc	2.4	Worthing ... ..	0.11	77	59	bc	bc.c	5.3	
	Malvern ... ..	-	"	"	"	"	0.3	Littlehampton ... ..	0.07	"	"	"	"	5.0	
Wales.	Rhyl ... ..	-	64	47	c.bc.c	c.o.c	1.9	Southsea ... ..	-	78	59	o.bc	bc.o	3.1	
	Colwyn Bay ... ..	-	63	53	o	o	1.0	Ryde ... ..	0.13	72	64	-	-	2.5	
	Llandudno ... ..	-	68	55	d.o	o	1.0	Ventnor ... ..	0.03	75	59	-	-	2.5	
	Bettws-y-Coed ... ..	-	65	54	g	g	7	Bournemouth ... ..	0.18	75	57	o.c	bc.o	3.4	
	Aberystwyth ... ..	-	66	59	o.c.c	c.bc	5.0	Weymouth ... ..	0.32	75	58	c	c	1.7	
England, E.	Lowestoft ... ..	-	66	59	bc	bc.c	5.8	Exmouth ... ..	0.11	74	58	o	o	5.0	
	Felixstowe ... ..	-	66	59	c.bc	c.bc	3.3	Teignmouth ... ..	0.10	73	59	op.c	c	0.5	
	Walton-on-Naze ... ..	-	65	61	bc.og	bc.og	4.0	Torquay ... ..	0.15	70	59	o	o	0.2	
	Southend-on-Sea ... ..	-	72	59	d.bc	b	7.0	Paignton ... ..	0.15	70	59	op	op	0.0	
								Falmouth ... ..	-	66	57	o	or	0.0	
								Bude ... ..	0.01	69	61	oc	oc	0.0	
								Ilfracombe ... ..	0.07	68	61	o	o	0.3	
								Weston-super-Mare ... ..	0.09	70	58	c.bc	c.bc.b	0.7	

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.				
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.						
			Max.	Min.														Max.		Min.			
																					24 HOURS ENDED 9 A.M. TO-DAY.		
%	%	F.	F.	F.	In.				Hr.	In.	F.	F.	F.				Hr.						
Greenwich (Royal Obs.) ...	49	79	79	56	47	-	o	b.c	c.b.c	4.1	Dublin to 4 p.m.	-	66	51	49	b.m.c	c.b	b	0.0				
City (Banhill Row) ...	*	*	*	*	*	*	*	*	*	3.5	Plymouth to 9 p.m.	0.19	69	60	57	or	or	or	0.0				
Westminster (St. James's Pk.)	58	83	76	59	55	-	o.b.c	bc	bc	3.9	Darwen "	-	67	55	49	b.c.w	c.w	b.c.0	0.8				
Camden Sq. (Brit. Rainfall)	50	72	73	56	52	-	o	bc	bc.b	4.7	Manchester "												
Hampstead (Reservoir) ...	*	78	73	56	48	-	o.b.c	bc.m	bc	3.5	Birmingham "	0.16	69	57	54	r	o	c					
Kew. (See front page.)											Oxford to 8 p.m.	*	74	57	55	or	c.b.c	c.b.c					
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																							
Total.			Mean Rate.			Max. Rate.																	
S. Kensington (Roof of M.O.)			10.51 Joules.			21.0 Milliwatts.			57.5 Milliwatts.			3.4			S. Kensington (Museum Grounds to 6 p.m.)								
60			81			10.51			21.0			57.5			3.4			0.11					

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

28th & 29th Aug 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.57 4.59	G.M.T. 11.54 11.54	G.M.T. 6.51 6.49
Greenwich ...	5.7 5.3	12.1 12.1	6.55 6.53
Wick ...	5.4 5.7	12.13 12.13	7.22 7.19
Valencia ...	5.47 5.49	12.42 12.42	7.38 7.36

During yesterday temperature rose to 75° or above in several parts of Great Britain, but only to 63° or 64° at Colwyn Bay and Rhyl. Slight rain fell in a few localities and there was little bright sunshine in the south west of England, North Wales and the northern and central counties of England.

Notes.—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.



1913.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,  
29th August 1913.

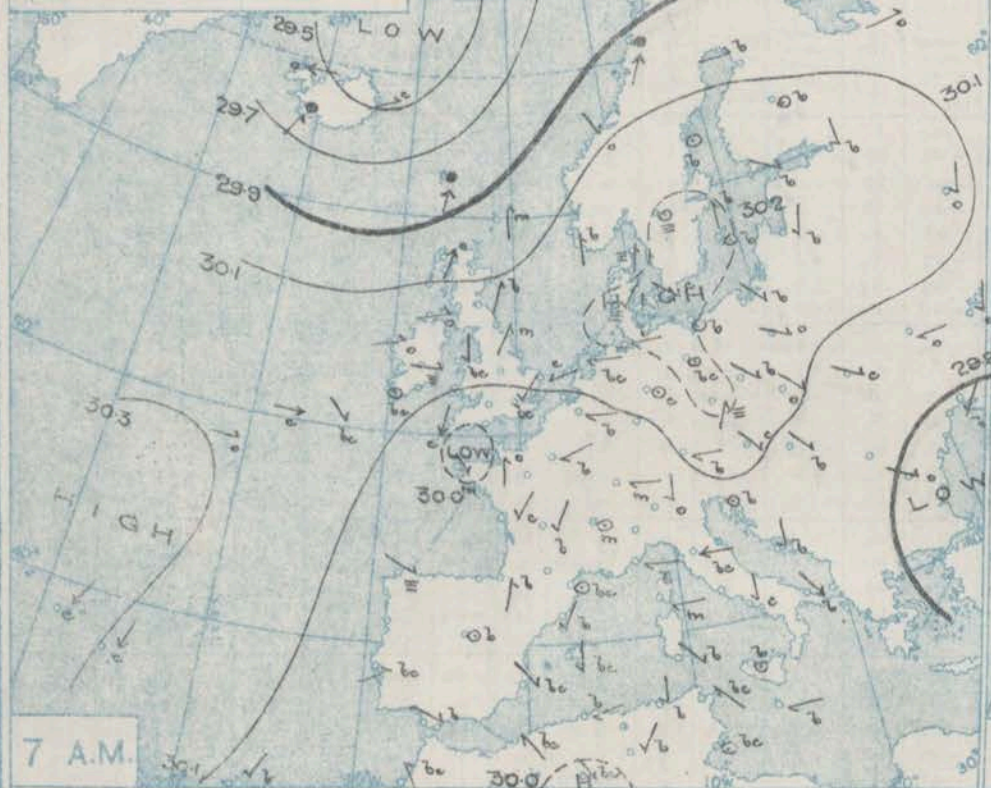
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.					
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.									
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb	Dirac.	Force (0 to 12).				Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.						Change since Yester- day.	Dirac.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.		Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
In.		F.	SSW	3	0	In.	In.	F.		N	1	m	2	0.11	60	53	bc	om	flomd	Hours									
Lerwick ... ..		29.99	56	SSW	3	0	30.03	+0.1	53	-1	N	1	m	2	0.11	60	53	bc <td>om<td>flomd</td><td>*</td></td>	om <td>flomd</td> <td>*</td>	flomd	*								
Stornoway ... ..		30.00	57	SW	4	odp.	30.01	-0.1	52	-4	N	1	o	1	0.04	61	51	c-og	odp	odp	0.4								
Castlebay (Barra Isd.)		30.01	56	SW	2	odm	29.95	-0.1	55	0	NNE	2	o	2	0.09	58	54	dm-og	ompd	dm-og	1.5								
Glasgow ... ..		30.03	60	WNW	2	c	29.95	-0.3	51	+2	-	0	bc	2	-	70	47	fb	b-bc	afe	7.8								
Malin Head ... ..		30.05	57	W	1	c	29.94	-0.2	56	+1	NE	2	og	1	-	59	54	om	og	om	*								
Blacksod Point ... ..		30.05	61	WNW	1	bc	29.93	-0.2	58	+2	SE	1	c	1	Trace	63	53	bc	bc	om	*								
Valencia ... ..		30.01	62	NNW	3	b.	29.88	-0.1	56	+5	-	0	om	3	-	66	50	b	b	bc-o	11.5								
Roche's Point ... ..		29.97	70	NNW	2	bc	29.88	-	58	+2	N	2	r	2	0.05	72	56	b	b-bc	bc-om	*								
Birr Castle ... ..		29.99	69	N	1	b	29.90	-	54	+5	NNW	1	m	2	-	71	48	c	b	3	7.5								
Donaghadee ... ..		29.94	58	NNW	3	b	29.93	-0.2	55	+6	NNW	3	o	2	-	61	49	bz	fb	b-bc	*								
Liverpool Obsy. ... ..		29.97	68	NNE	1	bc	29.89	-0.3	56	-1	E	1	b	1	-	73	55	bom	bom	bom	6.7								
Holyhead ... ..		29.99	64	NE	2	bm	29.86	-0.2	60	+2	NE	1	bf	1	Trace	74	60	c-bc	bc-om	bc-om	9.6								
Pembroke (St. Ann's Hd.)		29.93	65	NNE	3	b	29.84	-0.3	60	-2	E	1	om	2	-	73	59	bom	cp	bm-th	4.0								
Newquay ... ..		29.91	65	SE	1	og	29.81	-0.0	61	0	SE	1	of	1	-	68	60	og-og	og	og	1.4								
Scilly (St. Mary's) ... ..		29.92	63	NE	1	m	29.82	+0.1	60	-1	-	0	f	1	-	69	59	f	om	f	4.9								
Jersey (St. Aubin) ... ..		29.95	68	SE	2	om	29.80	-	64	+1	N	3	bom	2	0.01	68	60	og-om	og-om	bompa	0.9								
Portland Bill ... ..		29.96	64	-	0	bc	29.85	-0.1	62	0	E	1	c	2	-	68	59	bom	bc	b-bc	*								
Dungeness ... ..		29.95	66	ESE	4	c	29.86	-0.4	64	0	NE	1	c	1	0.02	72	57	bc	c	cp-bc	*								
Dover ... ..		29.95	66	N	2	bc	29.84	-	64	0	NNW	1	b	2	-	78	59	b	b-bc	b-bc	10.3								
Wick ... ..		30.01	57	NE	3	c	29.98	-0.1	53	-2	SE	2	f	2	0.02	64	53	bom	bey	cp-f	*								
Nairn ... ..		29.99	68	-	0	b	29.98	-	52	-2	-	0	m	0	-	73	46	b	bz	m-o	8.0								
Aberdeen ... ..		30.00	66	SEW	2	c	29.99	-0.0	55	+4	SSE	2	o	2	Trace	73	50	bz	bey	og-om	7.9								
Leith ... ..		29.99	68	W	2	bc	29.94	-0.1	55	+2	SE	1	m	2	-	74	49	bz	bz	bey	*								
North Shields ... ..		30.04	60	E	2	bc	29.98	-0.1	54	-1	-	0	fe	2	-	66	53	f-bc	bc	bc-fe	9.0								
Spurn Head ... ..		30.05	58	ESE	3	o	29.95	-0.5	57	-1	NNW	4	f	4	-	60	53	om	om	f	0.0								
Yarmouth ... ..		30.00	64	ESE	2	b	29.90	-0.2	62	+1	-	0	c	1	-	67	61	b	b-bc	om-b	10.0								
Clacton-on-Sea ... ..		29.97	69	NE	3	bc	29.85	-0.1	64	+1	NNE	2	bc	1	Trace	70	61	b-bz	b-bz	bep-3	10.9								
Nottingham ... ..		29.99	68	NE	4	b	29.93	-	55	0	NE	3	om	2	-	75	53	om-b	b	b-bc	7.3								
Bath ... ..		29.92	77	ESE	-	b.	29.86	-	57	+2	ESE	1	o	2	-	82	53	b	b-bc	b-bc	11.2								
London (Kew Obsy.) ... ..		29.94	73	E	3	b	29.86	-0.2	58	-2	NNW	1	bm	2	-	79	54	bom-b	b.	b-bm	10.2								
Spitzbergen ... ..		29.80	39	SE	7	o	29.70	-0.4	40	-1	SE	6	o	2	-	45	34	-	-	-	-								
Isafjord ... ..		29.78	44	N	4	bc	29.75	-0.4	42	+1	NW	2	o	2	-	-	-	-	-	-	-								
Reykjavik ... ..		29.80	51	W	4	c	29.79	-0.2	46	0	SE	1	o	2	-	-	-	-	-	-	-								
Vestmanna ... ..		29.78	46	NW	6	c	29.82	-0.2	45	-1	-	0	c	2	-	-	-	-	-	-	-								
Seydisfjord ... ..		29.64	51	NE	3	o	29.85	+0.2	42	-10	E	4	r	2	-	-	-	-	-	-	-								
Thorshavn ... ..		29.85	54	WNW	3	c	29.95	+0.1	49	-4	NNW	1	c	2	-	-	-	-	-	-	-								
Haparanda ... ..		30.03	55	SW	2	c	30.04	+0.1	58	+1	SW	2	c	2	-	64	52	-	-	-	-								
Hernösand ... ..		30.12	59	S	4	b	30.12	+0.1	58	+2	-	0	b	2	-	66	48	-	-	-	-								
Stockholm ... ..		30.15	59	-	0	b	30.17	+0.1	59	-4	SSW	2	b	2	-	66	52	-	-	-	-								
Wisby ... ..		30.16	59	NNW	2	b	30.17	0.0	63	0	-	0	b	2	-	66	52	-	-	-	-								
Karlstad ... ..		30.12	57	-	0	b	30.15	0.0	55	+3	-	0	f	2	-	68	48	-	-	-	-								
Færder (X'ania Fjord)		30.11	59	SW	2	o	30.13	+0.2	57	-2	-	0	m	1	-	61	55	-	-	-	-								
Bodö ... ..		29.94	55	SE	1	o	30.02	+0.6	53	-1	SW	1	c	2	0.08	55	52	-	-	-	-								
Christiansund ... ..		29.99	58	-	0	c	30.09	+0.1	57	+2	S	2	o	3	-	57	54	-	-	-	-								
Skudesnaes ... ..		30.12	57	S	2	o	30.10	-0.1	57	-1	S	2	o	2	-	61	55	-	-	-	-								
The Scaw (Skagen) ... ..		30.13	58	NNW	2	o	30.13	0.0	59	+1	-	0	o	0	-	64	54	-	-	-	-								
Blaavands Huk ... ..		30.15	58	NNE	1	bc	30.11	-0.4	60	+5	SE	1	bc	0	-	63	52	-	-	-	-								
Cuxhaven ... ..		30.10	66	E	3	b	30.07	0.0	60	-1	E	3	b	0	-	72	57	-	-	-	-								
The Helder ... ..		30.01	67	ESE	2	b	29.97	-0.1	67	+5	ESE	2	b	1	-	75	62	-	-	-	-								
Brussels ... ..		29.95	70	ESE	2	bc	29.88	-0.2	67	+3	ESE	2	bc	2	-	83	62	-	-	-	-								
Berlin ... ..		30.11	64	NE	1	b	30.08	0.0	61	0	E	1	b	2	-	72	55	-	-	-	-								
Frankfurt ... ..		30.02	65	NE	1	b	30.00	0.0	63	+2	NE	1	b	2	-	81	55	-	-	-	-								
Munich ... ..		30.02	61	E	2	b	30.02	-0.1	53	0	SE	2	f	2	-	70	48	-	-	-	-								
C. Gris Nez ... ..		29.93	67	NE	4	bc	29.83	-0.2	69	+4	E	1	bc	1	-	73	64	-	-	-	-								
La Hève ... ..		29.95	65	NE	2	bc	29.86	-	65	+1	W	4	r	4	0.12	75	61	-	-	-	-								
Brest (St. Mathieu) ... ..		29.93	65	SSE	1	m	29.83	0.0	62	0	-	0	o	1	-	75	61	-	-	-	-								
Lorient (Bec Melen) ... ..		29.83	71	NNW	3	c	29.76	+0.4	68	+4	SW	3	c	2	Trace	75	63	-											



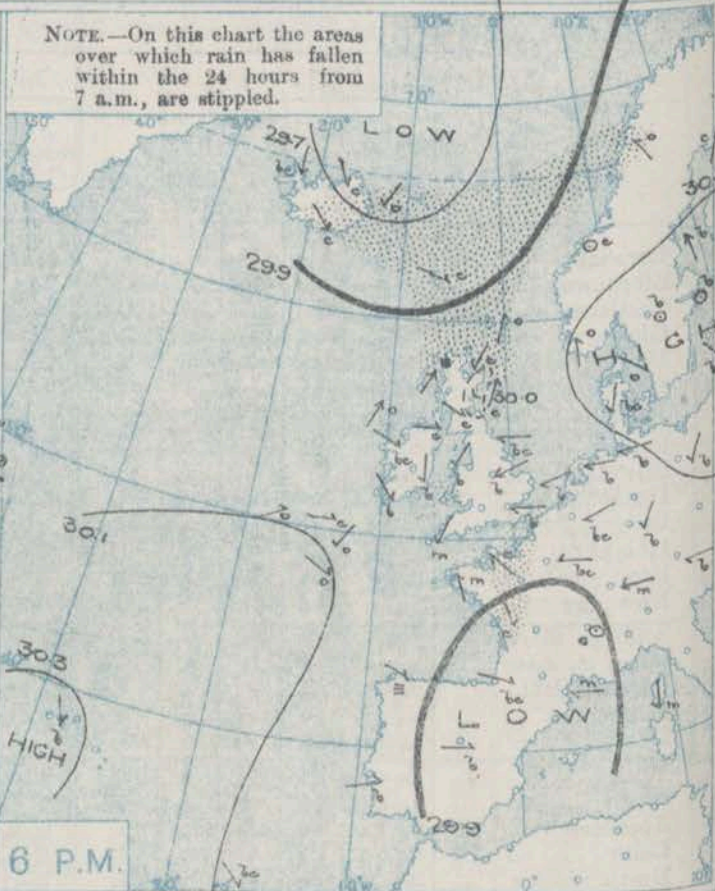
# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 28<sup>th</sup> AUGUST.

SCALE  
NAUTICAL MILES.  
STATUTE MILES.

NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



7 A.M.



6 P.M.

## GENERAL INFERENCE

## WEATHER PROSPECTS.

The pressure distribution over the United Kingdom and its immediate neighbourhood seems likely to continue favourable for the

development of local thunderstorms or thunder rains during the ensuing twenty four hours.

## FORECASTS FOR THE 24 HOURS NOON

Friday

TO NOON Saturday

0 {  
a Wind variable or South Easterly,  
b light; changeable, some rain, thunder  
locally, some mist or fog on coast;  
moderate temperature.

1

2 {  
a Wind light, rather  
b variable; changeable, local  
thunderstorms or thunder rain, some  
mist or fog on coast; temperature  
falling.

3

4 {  
a  
b

5

## 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.

6 {  
a  
b

7 {  
a  
b

8 {  
a  
b

9 {  
a  
b

10 {  
a  
b

Same as Nos. 0 and 1.

Same as Nos. 2 to 5.

Light variable or Northerly winds; changeable, some rain, thunder locally; moderate temperature.

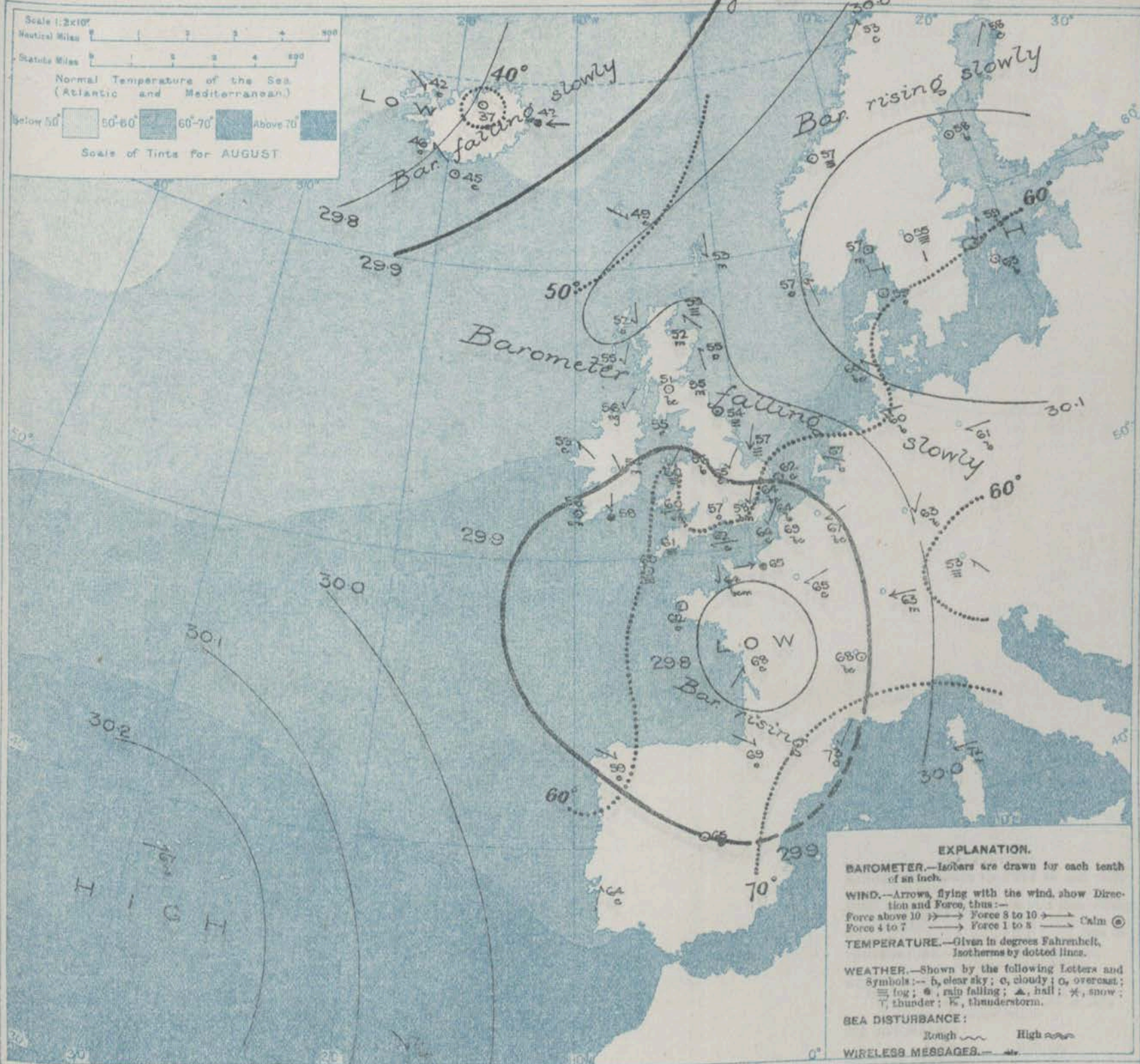
## 11 WESTERN CHANNEL AND BAY.

Light variable winds; sea smooth; mist or fog at times, rain or thunderstorms locally.

## THE FURTHER OUTLOOK.



SYNOPTIC CHART FOR 7 A.M. Friday, 29<sup>th</sup> AUGUST 1913



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.2 in. at the Azores and above 30.1 in. over the Baltic region; below 29.8 in. in the north-west of Iceland, and also in a shallow depression over France, and relatively low, and irregular, over the British Isles.

The wind is nearly everywhere very light in force and variable in direction. In most parts of the United Kingdom, however, it is from some point between North and East. Temperature has undergone no important change; over these Islands it ranges from  $64^{\circ}$  in the extreme south east to  $52^{\circ}$  in the north east of Scotland and at Stromaway, and  $51^{\circ}$

at Glasgow. The sky is nearly clear in several localities in this country and over a large area on the Continent, but much cloud prevails locally, and mist or fog is reported on many parts of the coast. Rain is falling at Rock Point and Glare, as well as in the east of Ireland.



## DAILY WEATHER REPORT.

Friday, 29th August, 1913.

## 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.	
					in.	in.		(0-12).							in.	in.		(0-12).	
29th 6pm	50	18	<u>Cymric</u>	O	30.08	-.08	WSW	1-3	o	29th 6pm	48	14	<u>Olympic</u>	H	30.14	-.02	WNW	1-3	o
"	50	14	<u>Celtic</u>	H	30.16	-.04	W	1-3	c	"	55	11	<u>Virginian</u>	O	30.01	-.03	SW	4-5	o
"	49	14	<u>St. Paul</u>	H	29.95	.00	NE	1-3	o	" 7am	50	17	<u>Carmaria</u>	O	30.20	-.02	W	4-5	c

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.*		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	—	71	47	b	bc	8.2	England, S.E.	Margate	—	73	61	b	b	10.0
	Stonehaven	—	70	48	b	bc	9.4		Ramsgate	—	70	60	b	b	11.4
	Carnoustie	—	74	44	b	b.bc	8.6		Folkestone	—	76	62	b.c.b	b	10.2
	St. Andrews	—	74	44	b	b.bc	8.6		Hythe	—	76	62	b.c.b	b	10.2
Eng., N.E.	Harrogate	—	71	47	b.c.b	b.bc.b	8.1	England, S.E.	Littlestone	—	79	60	b	b	9.1
	Scarborough	—	61	56	of	of	0.2		Hastings	—	79	60	b	b	10.4
England, N.W.	Douglas	—	70	52	b	b	10.0	England, S.E.	Bexhill-on-Sea	—	70	61	b	b.bc	10.2
	Blackpool	—	71	51	c.bc	c.com	8.5		Eastbourne	—	72	57	b.bc	b.bc	9.2
	Southport	—	74	51	b.bc	cg	8.4		Seaford	—	79	61	o	o	11.8
Mid- lands.	Buxton	—	69	46	bc	b	9.5	England, S.W.	Brighton	—	73	61	c.bc	bc.c	11.5
	Leamington Spa	—	80	65	b	bc	11.0		Worthing	—	72	60	b	b	11.7
	Malvern	—	73	53	b	b.bc	9.9		Littlehampton	—	72	60	b	b	11.7
Wales.	Rhyl	—	70	52	b	b	8.5	England, S.W.	Southsea	—	72	57	b	b	10.7
	Colwyn Bay	—	68	53	b	b	9.4		Ryde	—	71	61	—	—	10.0
	Llandudno	—	78	50	b	b	7.5		Ventnor	—	72	57	b	b	11.5
	Bettws-y-Coed	—	78	50	b	b	7.5		Bournemouth	—	72	57	b	b	11.5
England, E.	Aberystwyth	—	76	61	b.c.c	p.bc.b	6.0	England, S.W.	Weymouth	—	73	60	b.bc	bc.b	8.6
	Tenby	—	65	60	bc.b	b	11.4		Exmouth	—	67	58	o	o	2.8
England, E.	Lowestoft	—	68	60	b	b	11.7	England, S.W.	Teignmouth	—	68	62	c	c	1.0
	Felixstowe	—	67	61	b	b	11.4		Torquay	—	67	62	o	o	0.1
	Walton-on-Naze	—	77	60	b	b	11.5		Paignton	0.03	66	62	op.o	o.bc.o	0.4
	Southend-on-Sea	—	77	60	b	b	11.5		Falmouth	0.06	66	59	tl.o.co	og	1.7
								England, S.W.	Bude	—	73	60	g.bc	bcg	3.7
									Ifracombe	0.10	70	60	op.c	c.bc.og	7.0
								England, S.W.	Weston-super-Mare	—	80	57	bc.b	b	10.5

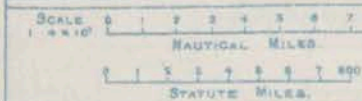


Saturday,  
30th August 1913.

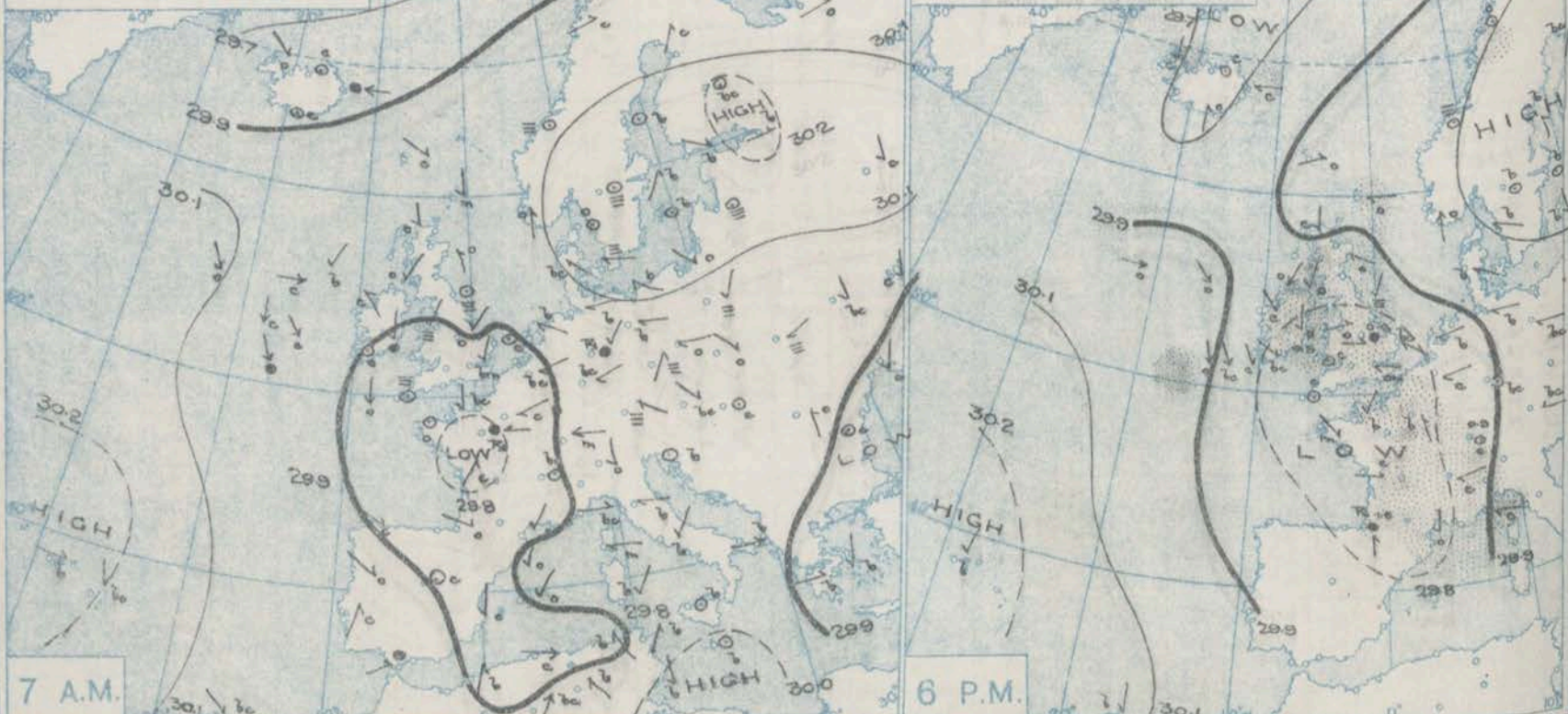
† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 29<sup>th</sup> AUGUST.



NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



## GENERAL INFERENCE

## WEATHER PROSPECTS.

The shallow depression over England and its immediate neighbourhood will probably become less

pronounced, and its effect on the weather will diminish gradually.

## FORECASTS FOR THE 24 HOURS NOON

Saturday

TO NOON Sunday.

- 0 {  
a Wind variable to North-easterly, light or moderate; some rain locally, otherwise fair, but misty in places; rather cool.  
b
- 1 Light variable winds, finally North-easterly or North-easterly; much mist and fog locally, some rain in places;
- 2 {  
a moderate temperature.  
b
- 3 Light variable wind; mostly cloudy, with some rain or thunder showers
- 4 {  
a locally, much mist or fog; temperature  
b rather high, air close.
- 5



## 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.

- 6 {  
a North-easterly winds, light or moderate; cloudy, some rain locally, then fairer; rather cool.  
b
- 7 {  
a Wind light North-easterly or variable; much mist or fog, some rain or thunder showers locally; moderate  
b temperature.
- 8 {  
a Same as No. 6  
b
- 9 {  
a  
b
- 10 {  
a  
b

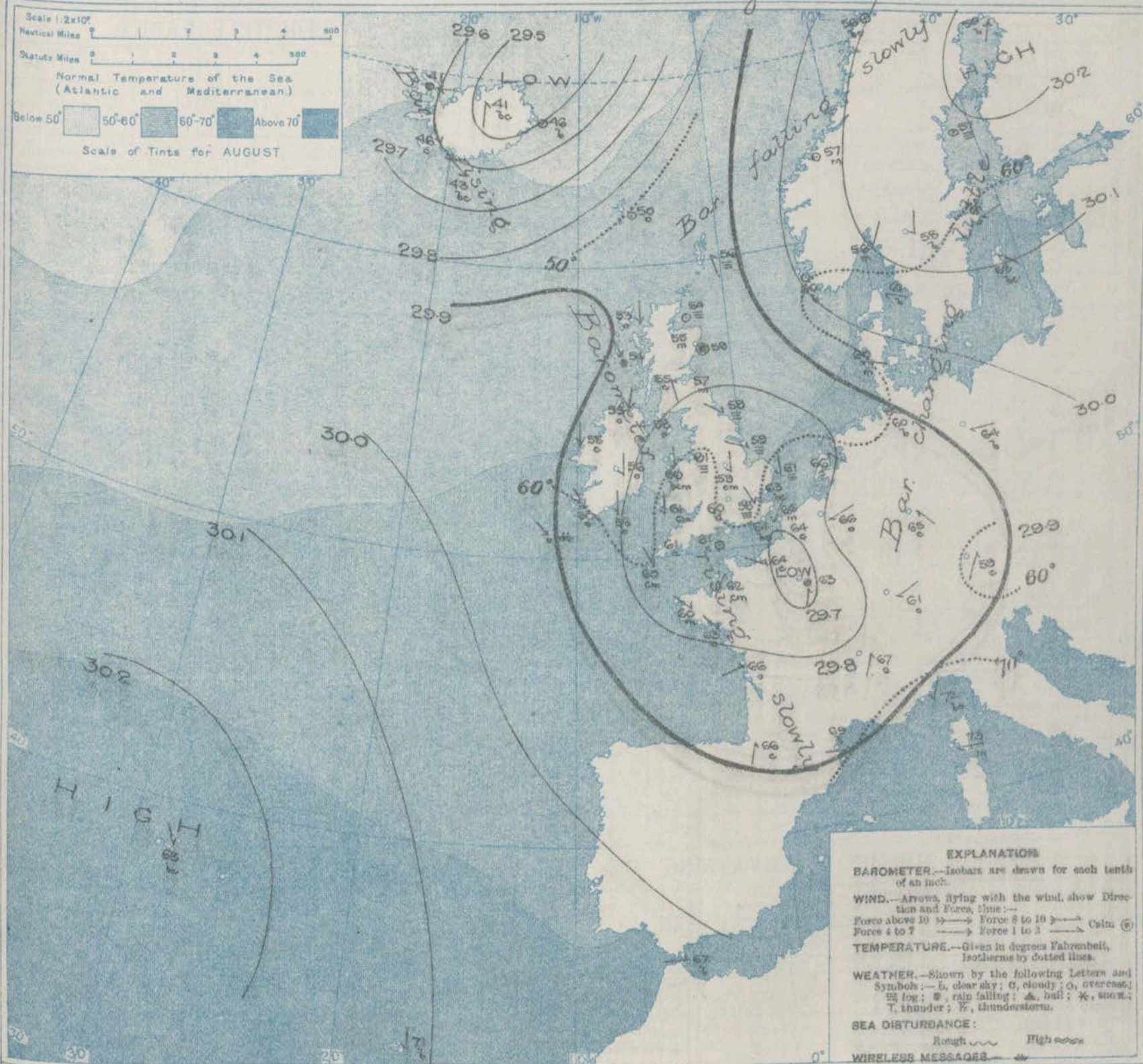
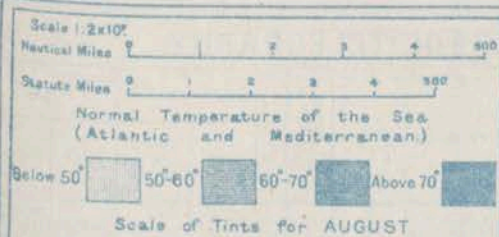
## 11 WESTERN CHANNEL AND BAY.

Wind light variable or North westerly; sea smooth; much mist or fog, some rain.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Saturday, 30<sup>th</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is below 29.8 in. in a shallow depression covering England, the Netherlands and Northern France, and below 29.5 in. in another system over Ireland, while in the north of Sweden and also at the Azores it is above 30.2 in. The changes in progress are slight everywhere, upwards over the greater part of the United Kingdom.

Over Ireland and the west of Great Britain the wind is northerly and light to moderate in force, and beyond the North Sea there is a gentle current from the South Eastward. Over England and most of Scotland, however, very light variable airs are reported.

In Iceland a high wind from East prevails on the north-west coast, and a North-easterly gale on the south-west coast. Temperature has undergone little change over the United Kingdom it ranges from 65° at Dover and about 60° over England generally to 53° at Stromway. The weather is very cloudy or overcast over these islands, with much mist and fog in Great Britain, especially along the eastern seaboard, and rain at Castlebay and Aberdeen. A good deal of cloud is reported also at most Continental stations, and at Paris rain is falling.



## DAILY WEATHER REPORT.

Saturday, 30th August, 1913.

## 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.	
30th 7am	51	11	Lake Michigan	O	29.88	+0.3	NW	(0-12)	O	29th 7am	50	17	Oceanic	O	29.91	-0.01	NNW	(0-12)	O
29th 6pm	55	22	Virginian	O	29.97	0.00	W	6-7	O	29th 7am	54	22	Cameronia	H	30.12	-0.02	NNW	4-5	O
"	55	16	Cameronia	H	30.00	-0.05	NW	4-5	O	"	52	19	Royal George	H	30.00	-0.05	N	6-7	O
"	51	13	Royal George	H	29.85	-0.05	N	6-7	bc	"	55	17	Virginian	H	30.02	0.00	W	4-5	O
"	55	9	Teutonic	H	29.84	-0.01	NE	4-5	O	"	56	14	Teutonic	H	29.95	-0.02	NE	1-3	O
"	51	14	Lake Michigan	H	29.92	-0.01	WNW	4-5	O	"	52	17	Lake Michigan	H	30.01	0.00	NNW	4-5	O

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	...	65	50	bc	bc. b	3.0	England, S.E.	Margate	...	72	59	o. bc	bc. p. bc	2.0
	Stonehaven	...	62	54	ofe	ce. g	0.0		Ramsgate	...	71	61	...	...	2.6
	Carnoustie	...	60	47	...	...	0.0		Folkestone	...	71	63	or	bep. bc	12.1
	St. Andrews	...	69	49	o	o	0.0		Hythe	...	...	...	...	...	1.5
England, N.E.	Harrogate	...	70	52	o. c. bc	bc. c	3.6	England, S.W.	Littlestone	...	68	61	or	o. bc. b	0.3
	Scarborough	...	61	54	bef	bef	0.0		Hastings	...	67	62	cr. o	o. bc	0.3
	Douglas	...	74	55	b	bc. o	8.5		Bexhill-on-Sea	...	67	62	cr. o	o. bc	0.1
	Blackpool	...	75	53	bc. c	c. o	7.2		Eastbourne	...	67	57	or	o. c. bc	0.5
England, N.W.	Southport	...	75	52	b. bc. g	bc. g. op	7.0	England, S.W.	Seaford	...	73	56	hr. o	o. bc	0.2
	Buxton	...	70	50	bc	bc. c	5.0		Brighton	...	72	57	olr. o	c. o. c	0.2
	Leamington Spa	...	69	57	o	o	0.3		Worthing	...	69	55	hr. c	cg	0.4
	Malvern	...	...	...	...	...	0.3		Littlehampton	...	73	56	r. o	c. bc	0.5
Wales.	Rhyl	...	75	53	o. bc	bc. c	6.4	England, S.W.	Southsea	...	73	56	r. o	c. bc	1.3
	Colwyn Bay	...	76	55	b	b. bc	7.0		Ryde	...	73	54	o. c	o. c	1.7
	Llandudno	...	71	57	b	bc. o	6.4		Ventnor	...	73	59	*	*	1.7
	Bettws-y-Coed	...	71	55	o	w. t.	?		Bournemouth	...	73	54	o. c	o. c	2.4
England, E.	Aberystwyth	...	70	59	o. c	c. od	3.0	England, S.W.	Weymouth	...	69	59	cp	p. bc. g	2.0
	Tenby	...	74	60	bc	c. bc	0.8		Exmouth	...	72	60	o	o	2.6
	Lowestoft	...	69	60	b. bc. c	c	7.6		Teignmouth	...	72	62	cp. c	bc	5.1
	Felixstowe	...	69	59	bc. c	cf	6.6		Torquay	...	74	61	c	bc. b	6.4
England, E.	Walton-on-Naze	...	69	60	bc. g	cg	3.3	England, S.W.	Paignton	...	75	61	o. bc. b	b	2.8
	Southend-on-Sea	...	73	60	b. bc	bc. c	2.0		Falmouth	...	68	59	f. o. c	c. o	2.1
									Bude	...	72	60	o	g. bc. c	2.3
									Ilfracombe	...	68	60	o	o	0.2
								England, S.W.	Weston-super-Mare	...	69	60	o. bep	p. c	0.2

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.																
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.																		
			Max.	Min.														Max.		Min.															
			24 HOURS ENDED 9 A.M. TO-DAY.																																
Greenwich (Royal Obsev.) ...	% 85	% 91	F.° 71	F.° 55	F.° 46	In. 0.21	a.b.c.	b.c.c.	m.f.m.	Hr. 1.6	Dublin to 4 p.m.	In. 0.01	F.° 67	F.° 56	F.° 52	l.b.m.p	cg.c	bc	Hr. 4.1																
City (Bunhill Row) ...	"	"	"	"	"	"	"	"	"	1.8	Plymouth to 9 p.m.	"	70	59	56	b	c.b	bc	6.6																
Westminster (St. James's Pk.)	84	89	71	59	53	0.05	m.l.r	m	o.m.c	2.0	Darwen	0.01	75	51	41	b.c.c	bc	bc.o	"																
Camden Sq. (Brit. Rainfall)	89	88	73	58	55	0.06	c.l.r	o.o.d	c.b.c	1.1	Manchester	"	"	"	"	"	"	"	0.0																
Hampstead (Reservoir) ...	"	94	68	56	45	0.06	o.r.l	bc.o	o.m.c	2.5	Birmingham	0.06	67	52	50	"	"	"	"																
Kew. (See front page.)	"	"	"	"	"	"	"	"	"	"	Oxford to 8 p.m.	"	71	53	43	c.m.f.e	o.f.o	o.c.o	"																
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.																																			
Total.			Mean Rate.			Max. Rate.																													
S. Kensington (Roof of M.O.)			481 Joules.			97 Milliwatts.			278 Milliwatts.			1.5			S. Kensington (Museum Grounds to 6 p.m.)																				
			87.			91						0.05			74			58			4.4			o.r.o			o.r.m			o.p.m					

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

30th Aug. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 5.2	G.M.T. 11.53	G.M.T. 6.44
Greenwich	5.10	12.1	6.51
Wick	5.9	12.13	7.16
Valencia	5.50	12.42	7.34
	5.52	12.41	7.31

During yesterday temperature rose to 70° or above over a large portion of England and Wales. Thunderstorms occurred in a few localities but the accompanying rainfall was mostly slight. At Nottingham, however, the measurement was 0.56 in., and at Roches Point 0.91 in. In North Wales, the north-west and east of England, and locally on the coast of Devon, several hours of bright sunshine were recorded, elsewhere the records were very slight. Wireless reports show that as far west as the 22nd meridian a moderate to fresh or strong wind from between West and North was general.

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.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday  
31st August 1913.

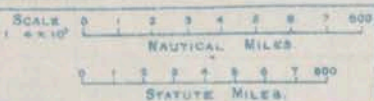
1913.

Force. WEATHER. (0-12) 1-5 1-5 6-7 1-5 1-3 4-5  
Sun-shine to 6 p.m.  
Hr. 2.0 2.6  
p.m. 1.5 0.3 0.1 0.1 0.2 0.4 0.5  
1.3 1.7  
2.4 2.0 2.5 5.1 6.4 2.8 2.1 2.3 0.2  
After-noon. H. 4.1 6.6  
0.1 0.0  
Large localities, weavers, to, the, hours, weavers, or strong  
dress in the d wrappers.

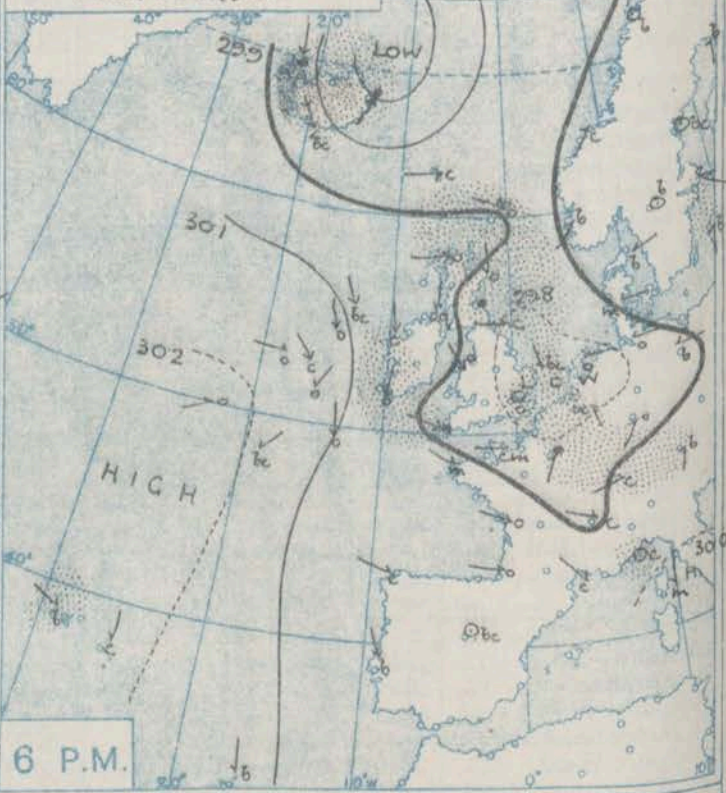
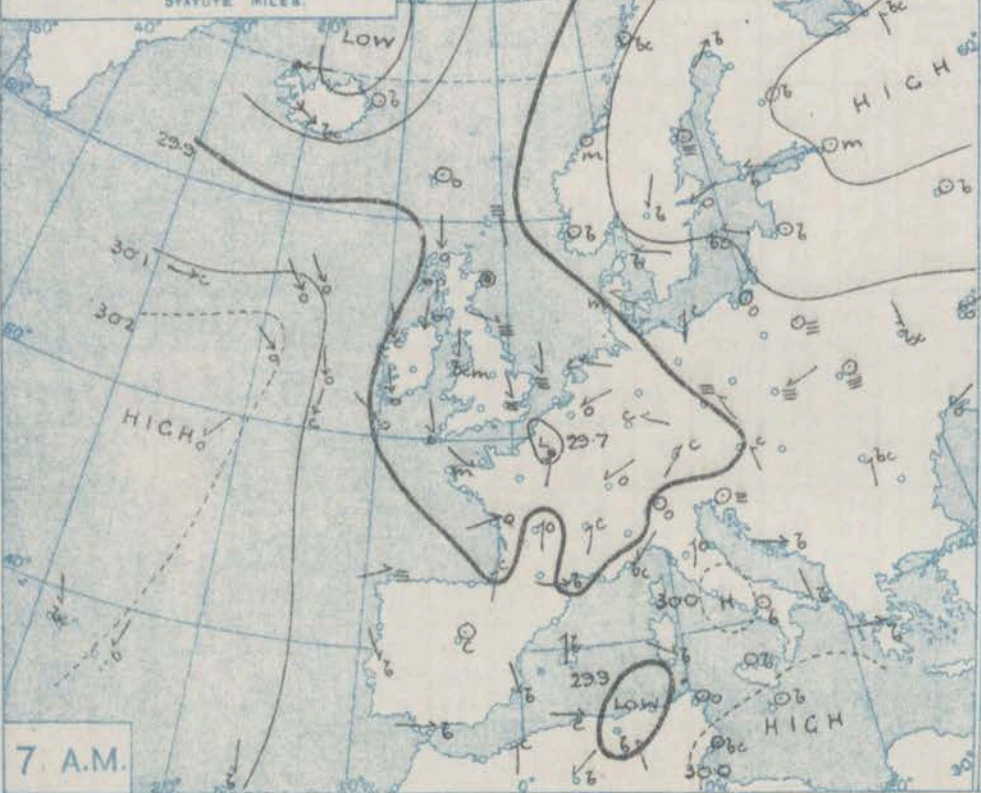
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.					
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dir.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.		
BRITISH ISLANDS.																								
Lerwick ... ..		In.	F.	WNW	4	o	In.	In.	F.	W	3	bc	3	0.24	58	49	omv	omv	bc	*				
Stornoway ... ..		29.97	55	NW	4	o	30.03	+0.3	50	-6	WNW	3	bc	3	Trace	59	47	o	bc o	o bc	3.0			
Castlebay (Barra Isd.)		29.98	55	NW	4	o	30.09	+0.3	52	-1	N	1	bc	1	-	58	52	dp bc.	bc o	o bc o	6.3			
Glasgow ... ..		29.83	63	WSW	1	bc	30.08	+0.3	54	0	NNE	2	c	2	-	58	54	dp bc.	bc o	o bc o	6.3			
Malin Head ... ..		29.96	55	NNE	6	egg	30.00	+0.5	55	0	E	1	o	0.15	65	54	codr.	ob c bc	bc o	1.0				
Blacksod Point ... ..		30.02	57	N	4	c	30.04	+0.2	54	-1	NNE	5	bcq	4	-	57	51	c	cq	bcq	*			
Valencia ... ..		30.00	58	NNE	4	o	30.07	-0.0	53	-5	NNW	1	bc	1	-	60	51	bc	cq	bc	*			
SCOTLAND.																								
Roche's Point ... ..		29.93	60	N	4	opg	30.06	*	54	-4	NNE	2	o	2	0.14	63	54	obg	obg	ov	*			
Birr Castle ... ..		29.95	59	N	4	o	30.06	*	52	-4	NW	2	c	*	-	59	51	o	o	o c	0.0			
Donaghadee ... ..		29.91	57	NNW	4	c	30.00	+0.2	55	-3	NNW	4	c	3	-	62	53	om	c	bc c	*			
Liverpool Obsy ... ..		29.84	62	WNW	2	o	29.94	+0.1	60	-1	NNW	2	o	3	-	66	58	f. bc	bc o	bc o	3.9			
Holyhead ... ..		29.88	58	NNW	4	om	29.97	+0.1	57	-3	N	3	oem	2	-	62	55	of oc.	f. om	oem	0.3			
Pembroke (St. Ann's Hd.)		29.86	61	N	2	c	29.95	+0.2	55	-6	NE	5	om	3	Trace	70	54	om	om	om	4.5			
Newquay ... ..		29.85	62	W	3	oz.	29.95	+0.2	59	-2	W	3	o	3	-	64	59	cy	cy	cy	0.6			
ENGLAND.																								
Silly (St. Mary's) ... ..		29.86	60	WNW	4	mr	29.96	+0.1	60	0	NE	3	m	3	0.01	67	59	om	om	omv	5.0			
Jersey (St. Aubin) ... ..		29.86	64	W	3	em	29.97	*	62	0	W	3	ogm	3	-	66	59	om	o. om	bagm	0.1			
Portland Bill ... ..		29.81	65	WNW	2	c	29.92	+0.2	60	-1	NNW	4	c	3	-	69	59	m bc	bc c	ch	*			
Dungeness ... ..		29.75	65	W	3	o	29.82	+0.2	63	-1	NW	2	r	1	0.85	70	62	dp bc	cp o	ch	*			
Dover ... ..		29.76	69	WSW	1	o	29.81	*	62	-3	NNW	5	r	4	0.45	75	61	bc bc	cog	ch	1.8			
WALES.																								
Wick ... ..		29.93	53	NW	3	o	30.06	+0.4	52	-2	N	3	of	4	0.06	57	49	comp	omv	c om	*			
Nairn ... ..		29.93	55	NE	1	m	30.06	*	52	-3	-	0	o	1	Trace	59	50	m	bm	m o	0.0			
Aberdeen ... ..		29.87	57	N	3	o	30.03	+0.4	54	-4	NNW	4	o	2	0.25	64	53	mp o	ch	o	0.4			
Leith ... ..		29.85	58	-	0	r	29.98	+0.3	53	-4	SE	1	o	*	0.81	60	53	mtr	r	r	*			
North Shields ... ..		29.80	64	WNW	2	c	29.97	+0.3	54	-4	NNW	3	d	3	Trace	69	53	f	c	d	4.7			
Spurn Head ... ..		29.75	67	ESE	3	bc	29.87	+0.2	58	-1	N	5	om	5	-	67	55	f	bm	bm f	6.3			
SCOTLAND.																								
Yarmouth ... ..		29.76	67	NNW	2	bc	29.83	+0.1	59	-2	NNW	2	o	2	0.01	72	61	bm	bm	om	6.3			
Clacton-on-Sea ... ..		29.74	71	NNE	3	bc	29.83	+0.3	61	-2	NNE	2	m	1	0.02	77	61	bcq	c bc	bc o	5.2			
Nottingham ... ..		29.79	69	NW	2	o	29.91	*	60	+1	NE	2	o	*	-	77	58	om b	om o	omv	5.0			
Bath ... ..		29.81	73	W	-	c	29.93	*	60	0	N	2	o	*	-	76	59	o c	c bc c	c o	2.3			
London (Kew Obsy.) ... ..		29.78	71	-	0	o	29.90	+0.3	61	+3	NW	1	om	*	0.12	74	58	om om	om o	o bc	0.6			
SCOTLAND.																								
Spitzbergen ... ..		29.94	38	W	2	c	29.91	-0.2	40	+2	-	0	b	*	-	41	36	*	*	*	*			
Isafjord ... ..		29.88	38	N	5	T	30.11	+0.5	40	-1	N	2	o	*	-	*	*	*	*	*	*			
Reykjavik ... ..		29.84	48	NNW	5	bc	30.16	+0.8	37	-9	-	0	b	*	-	*	*	*	*	*	*			
Vestmanna ... ..		29.78	47	NW	9	bc	30.17	+1.3	42	-1	N	6	b	1	-	*	*	*	*	*	*			
Seydisfjord ... ..		29.49	47	SW	6	T	30.00	+0.8	40	-6	SW	7	c	*	-	*	*	*	*	*	*			
Thorshavn ... ..		29.87	54	W	5	c	30.01	+0.4	47	-3	NNW	3	o	*	-	*	*	*	*	*	*			
SCANDINAVIA.																								
Haparanda ... ..		30.13	55	S	2	b	30.09	-0.1	59	0	SSW	2	c	*	-	64	52	*	*	*	*			
Hernösand ... ..		30.15	58	-	0	bc	30.11	0.0	59	+2	-	0	f	*	-	64	55	*	*	*	*			
Stockholm ... ..		30.10	62	SE	2	c	30.08	0.0	61	0	SE	2	o	*	0.04	66	57	*	*	*	*			
Wisby ... ..		30.07	62	SSE	2	b	30.05	-0.1	67	-1	SSE	2	b	*	0.79	75	57	*	*	*	*			
Karlstad ... ..		30.06	62	-	0	b	30.08	0.0	60	+2	-	0	o	*	-	70	55	*	*	*	*			
Färder (X'ania Fjord)		30.03	62	NE	2	b	30.05	+0.1	57	+1	N	3	m	1	-	64	55	*	*	*	*			
Bodö ... ..		29.91	58	-	0	b	29.94	+0.2	58	+2	S	1	c	1	-	61	54	*	*	*	*			
Christiansund ... ..		29.97	57	SW	1	c	29.99	+0.2	57	0	WSW	1	o	2	-	63	55	*	*	*	*			
Skudesnaes ... ..		29.97	62	SW	2	b	30.04	+0.1	62	+2	E	2	b	2	-	63	57	*	*	*	*			
The Scaw (Skagen) ... ..		30.01	62	ESE	2	b	30.00	0.0	64	+2	ESE	1	c	0	-	70	61	*	*	*	*			
Blaavands Huk ... ..		29.92	64	E	2	m	29.91	+0.1	61	+1	E	2	f	1	-	75	57	*	*	*	*			
GERMANY, &c.																								
Cuxhaven ... ..		29.82	68	E	3	o	29.86	0.0	63	+3	E	2	o	0	-	75	60	*	*	*	*			
The Helder ... ..		29.77	69	E	1	o	29.81	+0.3	66	0	SSE	2	o	1	-	73	64	*	*	*	*			
Brussels ... ..		29.73	64	SSE	2	bc	29.75	+0.2	62	-4	WSW	1	f	*	0.12	78	61	*	*	*	*			
Berlin ... ..		29.88	72	E	2	b	29.90	+0.2	65	+1	SW	2	c	*	-	81	63	*	*	*	*			
Frankfurt ... ..		29.86	64	SW	1	o	29.94	+0.4	63	-2	SW	2	b	*	-	73	61	*	*	*	*			
Munich ... ..		29.96	60	SSW	1	b	30.02	+0.4	59	0	E	2	o	*	0.04	68	57	*	*	*	*			
FRANCE.																								
C. Gris Nez ... ..		29.76	64	SW	2	o	29.83	+0.4	63	-1	NNW	4	f	3	0.16	70	63	*	*	*	*			
La Hève ... ..		29.85	64	WNW	3	m	29.93	*	61	-3	W	5	o	5	-	72	57	*	*	*	*			
Brest (St. Mathieu) ... ..		29.95	64	NW	2	m	30.01	+0.1	61	+1	NNW	1	c	1	-	72	59	*	*	*	*			
Lorient (Rec Melon) ... ..		29.93	65	W	4	c	30.03	+0.2	65	-1	NNW	1	o	1	-	66	59	*	*	*	*			
Rochefort (Ile d' Aix)		30.01	67	WNW	4	o	30.03	0.0	64	-2	W	3	bc	2	0.16	72	63	*	*	*	*			
Biarritz ... ..		30.01	67	W	4	o	30.03	0.0	64	-2	ESE	3	b	2	-	70	61	*	*	*	*			
SPAIN, PORTUGAL, &c.																								
Paris ... ..		29.82	64	SSW	2	r	29.92	+0.4	61	-2	SW	3	o	*	1.14	66	60	*	*	*	*			
Belfort ... ..		29.91	66	WSW	3	c	30.04	*	61	0	WSW	4	o	*	0.47	69	57	*	*	*	*			
Lyons ... ..		29.89	73	WNW	1	c	30.06	*	62	-5	-	0	bc	*	-	80	56	*	*	*	*			
Nice ... ..		29.95	69	-	0	c	29.99	+0.3	68	-4	W	1	b	2	0.04	84	61	*	*	*	*			
Perpignan ... ..		29.93	74	NW	3	c	30.07	+0.3	66	-3	SW	1	b	*	-	85	59	*	*	*	*			
Sanguinaire ... ..		30.03	77	N	1	m	30.01	*	74	+1	E	2	m	2	-	70	61	*	*	*	*			
PORTUGAL.																								
Corunna (S.a.m.) ... ..		30.03	64	WNW	3	c	30.03	0.0	57	-6	W	1	f	3	-	66	54	*	*	*	*			
Lisbon (S.a.m.) ... ..		30.06	65	NNW	5	b	30.02	+0.1	66	0	NNW	1	f	2	-	73	61	*	*	*	*			
Gibraltar ... ..		30.06	65	NNW	5	b	30.02	+0.1	66	0	NNW	1	f	2	-	73	61	*	*	*	*			
Azores (Horta S.a.m.)		30.26	68	WNW	1	b	30.17	-0.2	68	0	WNW	2	r	1	0.04	77	68	*	*	*	*			
Madeira (Funchal) ... ..		30.15	68	N	1	b	30.12	-0.2	69	-2	N	1	bc	1	-	77	64	*	*	*	*			



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 30<sup>TH</sup> AUGUST



NOTE.—On this chart the areas over which rain has fallen within the 24 hours from 7 a.m., are stippled.



GENERAL INFERENCE

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

0 {  
a  
b

1

2 {  
a  
b

3

4 {  
a  
b

5

*None Issued*

### 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.

6 {  
a  
b

7 {  
a  
b

8 {  
a  
b

9 {  
a  
b

10 {  
a  
b

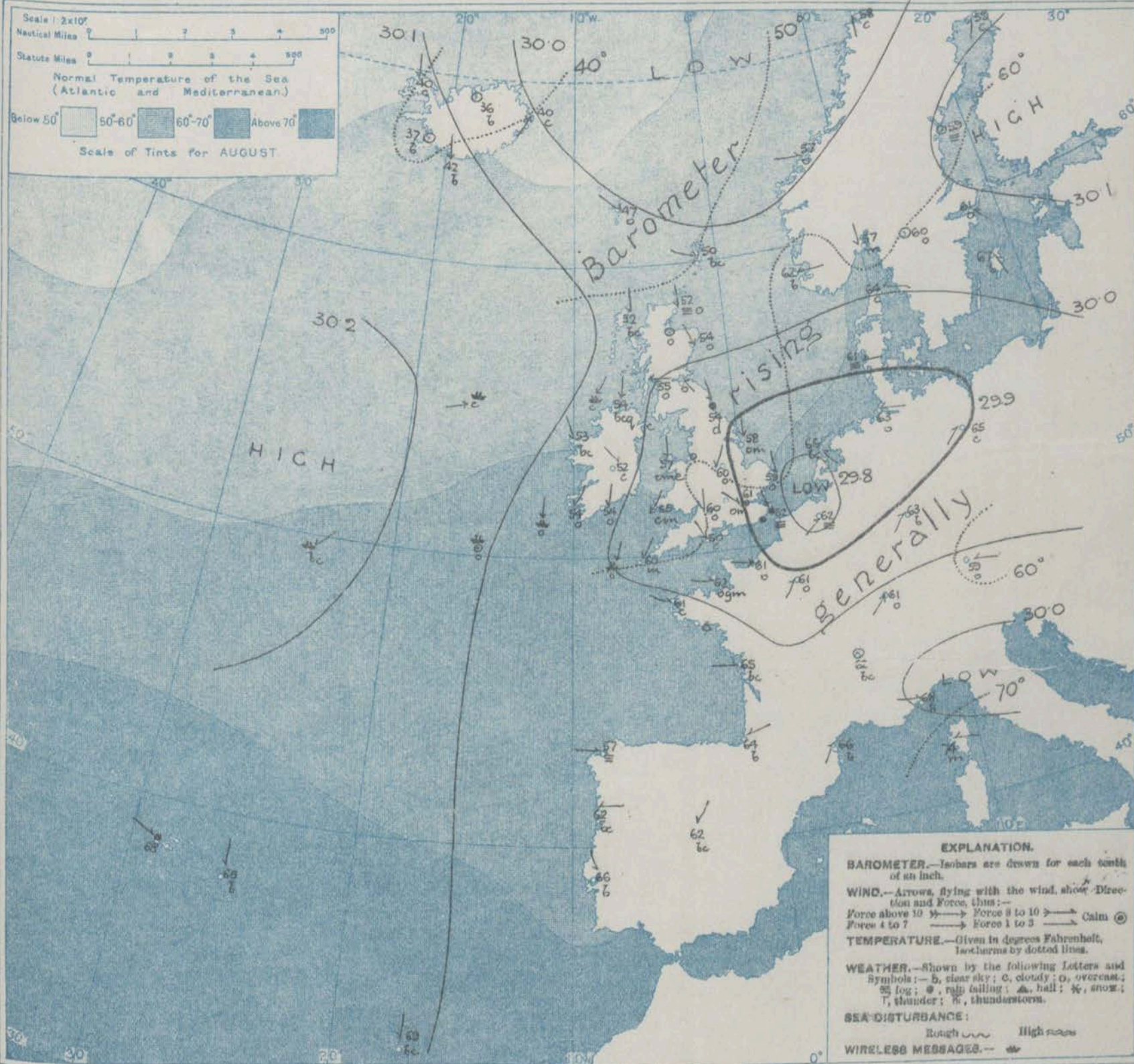
*None Issued.*

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. SUNDAY, 31<sup>ST</sup> AUGUST 1913.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.2 in. in an anticyclone out on the Atlantic, and above 30.1 in. in another over Finland. In a depression over Belgium the barometer is at 29.75 in. Another depression is indicated between Skotland and Spitzbergen. The gradient is slight.

Calms and light variable breezes are the rule, but a strong N.E. wind is reported off the south of Iceland, and a high S.W. wind on the east coast. At the home stations temperature ranges from 50° at Lerwick to 63° at Dungeness; on the Continent from 57° at Christiansund, Faerder and

Conunna to 68° at Hice; and in Iceland from 36° to 42°. At Spitzbergen the reading is 40°. Rain is falling at various places in south-eastern England; in other regions the weather varies from fine to cloudy or overcast, with mist or fog in some localities, and a damp atmosphere. The sea is rather rough off the Humber and the Seine, slight to very smooth elsewhere.



## DAILY WEATHER REPORT.

Sunday, 31st August, 1913.

## 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.	
30th 7am	49	22	Adriatic	O	30.07	-0.03	SW	(0-12)	bc	30th 7am	55	28	Virginian	O	30.02	-0.01	W	6-7	c
" "	48	19	Greenland	H	30.17	-0.00	NE	1-3	bc	" "	48	23	Greenland	H	30.22	-0.01	NE	1-3	c
" "	52	18	Montfort	O	30.15	+0.02	W	1-3	c	" "	55	18	Parisian	H	30.07	-0.00	NW	4-5	c
" "	52	16	Asconia	O	30.12	+0.01	NW	4-5	c	" "	56	17	Preorian	H	30.10	+0.02	NW	4-5	c
" "	51	16	Asconia	H	30.12	-0.01	NE	1-3	c	" "	49	17	Minerva	H	30.13	-0.01	N	4-5	c
" "	55	14	Parisian	H	30.06	-0.00	NW	4-5	c	" "	51	15	Montfort	O	30.01	+0.03	NW	6-7	c
" "	56	13	Preorian	H	30.12	-0.00	NW	4-5	bc	" "	50	11	Asconia	O	29.90	+0.03	NW	6-7	c
" "	49	13	Minerva	H	30.10	-0.02	N	4-5	c										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland. (Oban ...)	In.	F.	F.			Hr.	(Margate ...)	In.	F.	F.			Hr.
Stonehaven ...							Ramsgate ...						
Carnoustie ...	0.52	62	55	*	*	0.2	Folkestone ...		71	58	f. b	*	1.6
St. Andrews ...							Hythe ...		72	61	e. bcm	on	2.2
England, N.E. (Harrogate ...)	0.22	74	56	c. b	b	9.2	Littlestone ...				*	*	2.8
Scarborough ...							Hastings ...	0.25	63	61	bc. br	op	0.5
England, N.W. (Douglas ...)	-	64	55	gdq	3q	0.2	Bexhill-on-Sea ...	0.26	67	61	r. or	or. o	0.2
Blackpool ...	0.10	66	59	bc. c	o	7.3	Eastbourne ...	0.25	75	58	*	bc. ac	0.9
Southport ...	0.09	66	59	bc. c. bc	bc. o. c	6.2	Seaford ...	0.04	74	59	c	bc. r	1.3
Mid-lands. (Buxton ...)	0.26	70	54	c. r	b	9.7	Brighton ...	-	72	58	e. c. o	cg	0.8
Leamington Spa ...		75	62	onv	c. o	3.7	Worthing ...	0.05	73	58	bc. r	bc. r	0.6
Malvern ...							Littlehampton ...	0.01	*	*	*	*	0.6
Wales. (Rhyl ...)							Southsea ...						
Colwyn Bay ...							Ryde ...	0.01	71	65	gc. o	*	2.0
Llandudno ...							Ventnor ...	-	70	60	*	*	0.5
Bettws-y-Coed ...		70	59	bc. r	bc. r	?	Bournemouth ...	0.03	74	54	r. o. c	c. o	3.3
Aberystwyth ...		67	58	e. c. o	e. bc	4.7	(Weymouth ...)	0.21	76	58	z. bc	bc. c	2.9
Tenby ...		72	58	e. bc	c. bc	3.3	Exmouth ...						
England, E. (Lowestoft ...)							Teignmouth ...	-	77	58	bc. bc	bc. c	3.5
Felixstowe ...		75	56	bc. r	bc. w. z	8.7	Torquay ...	0.79			*	alc. r	5.8
Walton-on-Naze ...		75	56	bc. r	bc. r. c. y	6.0	Paignton ...	0.02	76	59	bc. ll. o	o. bc. r	4.6
Southend-on-Sea ...		76	59	b	o	3.5	Falmouth ...	-	70	60	c. o	c. b. o	2.4
							Bude ...	-	69	58	bc. o. y	bc. b	8.1
							Ilfracombe ...	-	68	55	z. b	b	
							Weston-super-Mare ...	-					

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.		Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.	
Greenwich (Royal Obs.) ...	71	75	74	60	0.23	c. o	o	0.0p
City (Bunhill Row) ...	*	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	86	97	75	61	0.16	onv	one	0.0m
Camden Sq. (Brit. Rainfall)	77	93	74	60	0.17	bmc. o	o	0.0m
Hampstead (Reservoir) ...	*	96	72	58	0.17	c. o. r	or	1.3
Kew. (See front page.)								
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.								
			Total.	Mean Rate.	Max. Rate.			
S. Kensington (Roof of M.O.)			74	93	32			

## Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		Night Min. on Grass.	WEATHER.		Sunshine for Yesterday.
		In Screen.	Min.		Night.	Forenoon.	
Dublin to 4 p.m.	Trace	63	58	58	f. om	omg	0.0g
Plymouth to 9 p.m.	-	73	59	54	*	bc	3.3
Darwen "	0.09	70	57	51	or. bc	bc	1.3
Manchester "	0.08	72	59	*	c. bc	c. bc	3.8
Birmingham "	0.02	75	59	52	-	c	*
Oxford to 8 p.m.	*	76	55	52	amb. fm	om	0.0
S. Kensington (Museum Grounds to 6 p.m.)	-	74	59	49	f. m	om	0.0p

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 70° and upwards in many parts of England, to 76° or 77° locally. In some districts in Scotland and Ireland the maxima were below 60°. Heavy rain has fallen within restricted areas in eastern Britain, 0.9 in. at Dungeness, 0.8 in. at Leith, but generally there has been little or none. As a rule the bright sunshine records were small, none or less than an hour in several instances. As far west as the 25th meridian ships experienced variable winds, mainly light to strong between N.W. and N.E., with fair to dull weather.

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

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.



1913.

Force.	WEA- THRE.
(0-12).	
6-7	c
1-3	o
4-5	o
4-5	o
4-5	c
5-7	o
6-7	o

noon.	Sun- shine to 6 p.m.
o	1.3
on	1.6
	2.2
	2.8
op	0.5
or. o	0.2
oc. oc	0.9
bc. r	1.3
cz	1.3
bc. g	0.8
	0.6
o	2.0
	0.5
c. o	3.3
ocr. c	2.9
et. c	3.5
el. r	5.6
el. bc	1.6
c. b. o	2.4
bc. b	8.1
b	

After- noon.	Sun- shine for Yester- day.
odg	5.4
bc	3.3
bc. c	1.8
c	3.8
cm. o	*
on. op	*

in  
nd and  
restricted  
generally  
a small,  
5th  
and H. C.,  
ress in the  
wrappers.

# ADDITIONS AND CORRECTIONS

## TO THE

# DAILY WEATHER REPORT.

AUGUST, 1913.



# ADDITIONS AND CORRECTIONS TO THE

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

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.  Hours.
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
		At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Direc.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 46°.		Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.	Force (0. to 12).	Weather.			Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.				
1st	Kaparenda	29.85	60	SW	2	c	29.89	.00	62	+1	WNW	2	b	-	66	50								
"	Hernösand	30.00	63.	-	0	b	30.05	.00	62	0	-	0	bc	-	70	54								
"	Stockholm	30.00	63	S	2	b	30.03	+01	68	+3	SSW	2	b	-	72	54								
"	Widby	30.02	59	E	2	b	30.04	.00	68	+9	-	0	b	-	68	52								
"	Karlstad	30.00	64	-	0	b	30.06	+02	59	-3	-	0	o	-	81	54								
"	Lorient	29.89	51	N	2	c	29.91	.	62	+3	ENE	1	bc	1	-	77	59							
2nd	Lorunna	30.07	61	WNW	1	o	30.06	.00	58	-4	WNW	1	f	2	-	66	55							
5th	Lisbon	29.97	67	WSW	2	b	29.97	+01	67	-1	SSW	3	c	2	trace	73	64							
"	Tunis	30.12	70	N	2	b	30.09	.00	73	+1	N	2	b	2	-	73	59							
6th	Lorunna	29.93	65	WNW	1	b	29.96	.00	60	-2	WNW	1	f	2	-	66	54							
"	Lisbon	30.03	66	SSW	3	bc	30.04	+03	67	0	SSW	1	c	2	trace	72	66							
7th	Spitzbergen	29.95	47	NW	2	l	29.90	.00	46	+1	-	0	b	.	-	47	39							
8th	Sanguinaria	29.85	73	W	3	m	29.86	.	72	0	W	5	m	3	-	82	66							
"	Lorunna	30.03	60	WNW	1	b	30.05	.00	57	-5	WNW	1	c	2	-	64	52							
9th	Sanguinaria	29.88	72	W	2	m	.	.	.	.	.	.	.	1	.	.	.							
10th	Spitzbergen	29.86	41	SW	2	o	29.80	.	39	-1	-	0	c	.	.	.	.							
"	Karlstad	29.67	54	WSW	4	bc	29.78	+04	56	+1	SSW	2	o	.	-	61	50							
13th	Sanguinaria	29.93	73	N	3	m	29.91	.	68	-2	W	4	o	4	-	75	61							
14th	Lorient	30.17	62	WNW	6	c	30.16	.	63	+4	NW	3	o	3	-	72	57							
16th	Lorient	29.96	72	WNW	1	bc	30.06	.	61	-1	NE	2	o	1	-	75	57							
18th	Sanguinaria	30.02	72	W	3	m	30.02	.	68	.	E	3	m	2	-	7	66							
"	Lorunna	29.91	63	NW	3	r	29.93	.00	60	-1	N	1	f	2	0.32	64	57							
21st	Brussels	30.15	58	NNE	1	bc	30.16	+01	53	-4	WNW	2	o	.	-	69	47							
25th	Vestmanna	.	.	.	.	.	29.52	+02	47	-2	W	9	b	2	.	.	.							
"	Widby	30.12	70	-	0	c	30.26	.	61	-2	E	2	c	.	trace	78	55							
"	Sanguinaria	30.10	79	N	3	m	30.06	.	73	.	N	2	b	2	-	7	66							
"	Lorunna	30.11	66	NE	2	o	30.06	.00	62	+1	NNE	1	f	5	-	68	57							
26th	Lyon	30.21	72	-	0	b	30.24	.	60	-4	-	0	b	.	-	78	57							
"	Sanguinaria	30.08	75	N	3	m	30.05	.	74	+1	E	1	m	2	-	7	70							
"	Lisbon	29.82	67	N	4	b	30.07	+04	68	-6	W	3	o	5	0.04	82	64							
27th	Lorient	29.98	76	E	3	c	29.91	.	64	+1	E	2	bc	1	-	81	61							
28th	Nice	30.02	76	SW	1	m	29.98	-01	76	+3	E	1	b	1	trace	84	70							
29th	Lorient	29.91	66	W	2	c	29.71	.	63	-1	N	1	o	1	-	76	59							
"	Nice	29.96	72	SW	1	c	29.95	.00	74	-2	W	1	bc	1	-	86	68							
30th	Lorunna	29.87	64	WNW	3	bc	29.99	+04	63	+4	WSW	3	f	3	-	68	59							
"	Lisbon	30.02	65	NNW	4	b	30.06	+02	66	+2	NNW	3	b	2	-	72	63							



## E

Sun-  
shine  
for  
Yester-  
day.

Hours	Minutes	Seconds	Milliseconds
1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24
25	26	27	28
29	30	31	32
33	34	35	36
37	38	39	40
41	42	43	44
45	46	47	48
49	50	51	52
53	54	55	56
57	58	59	60
61	62	63	64
65	66	67	68
69	70	71	72
73	74	75	76
77	78	79	80
81	82	83	84
85	86	87	88
89	90	91	92
93	94	95	96
97	98	99	100



# WIRELESS TELEGRAMS.

ADDITIONS AND CORRECTIONS — AUGUST, 1913.

DATE OF REPORT.	DATE AND HOUR OF OBSERVATION.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE OF REPORT.	DATE AND HOUR OF OBSERVATION.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
		Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.				Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
		°	°			In.	In.		(0-12).				°	°			In.	In.		(0-12).	
ADDITIONS.											CORRECTIONS.										
17th	16th, 7am.	48	27	Olympic	0	30.28	00	WSW	1-5	0	2nd	1st, 7am.			Virginian		30.02		SW		
												6pm.			Adriatic					3	
												2nd, 7am.	51		Mount Royal						
											3rd	"			Adriatic		30.21	00			
											4th	3rd, 6pm.			Baronia			-01			
											6th	5th, 7am.			do		30.26	-02			
											9th	8th, 6pm.			Oceanic			+03			
												4th, 7am.			Laurentic				NNE		
											12th	11th, 6pm.			Corinthian						bc
												"			Mongolian						c
											17th	16th, 7am.	54	20	Humidian			+03			
												6pm.	16		do						
											19th	18th, 7am.			Laurentic				SSE	6	
												"	56		Virginian						
											20th	19th, "			Baronia		30.06				
												6pm.			do		30.15				
												20th, 7am.			do		30.18	-02			
											21st	"			Adriatic						c
												6pm.	51	10	Baronia		30.22				
												"			Adriatic		29.99	+03			
											22nd	21st "	49		Granconia						
												"			Oceanic		30.10	00			
											23rd	22nd, "			do						or
											24th	23rd "			Philadelphia						bc
												24th, 7am.			do						bc
												"	12		Humidian						
											25th	"	17		Empress of Britain						
												6pm.			Philadelphia						bc
												"			Lusatana						bc
											26th	25th, 7am.			Philadelphia		29.84	+08			op
											28th	27th, "			Empress of Ireland						om