

METEOROLOGICAL OFFICE.

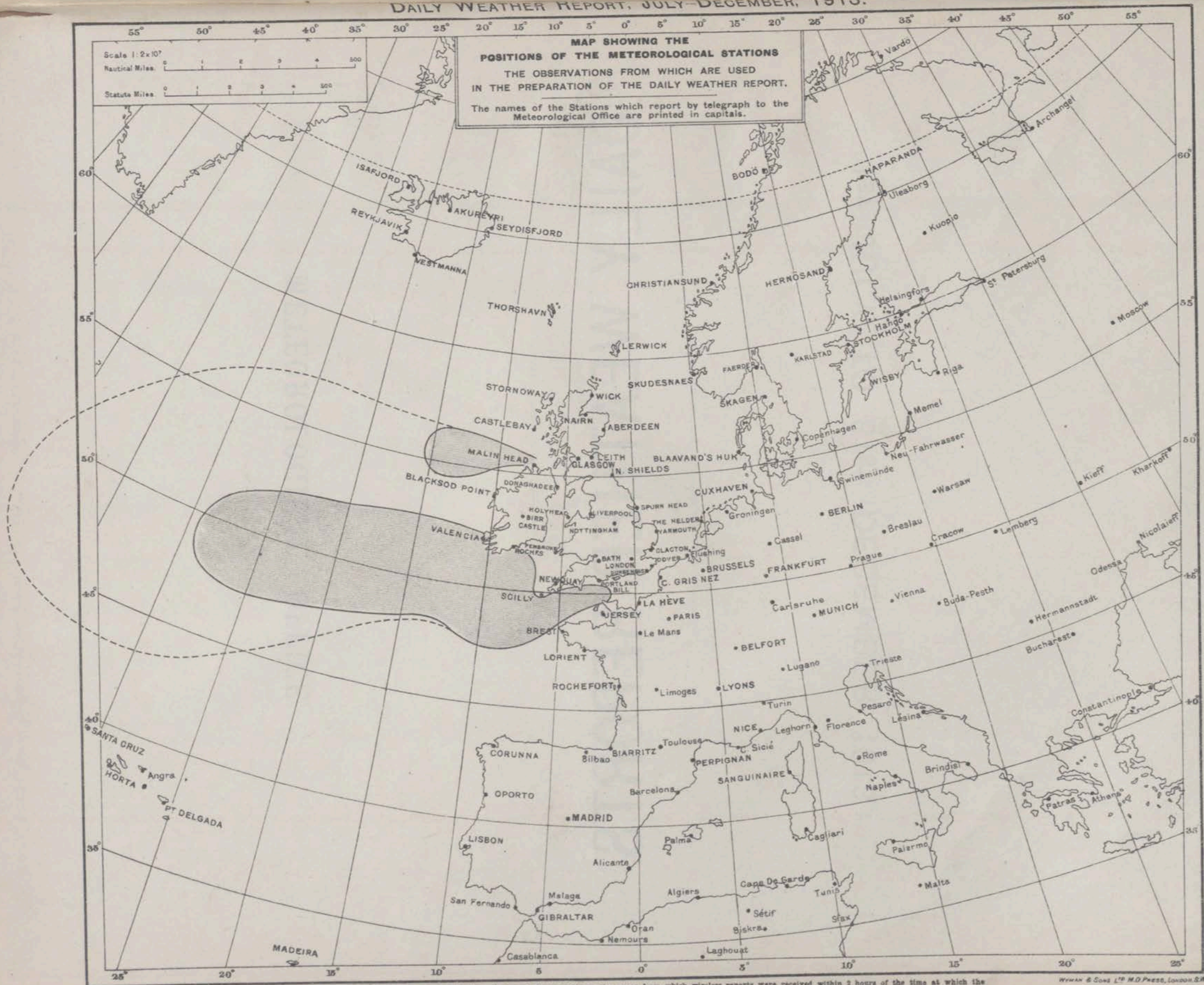
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DAILY WEATHER REPORTS.

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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.  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.				
Sumburgh Head.....	29° 862	50° 5	46° 0	57° 0	45° 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	1888	22	3° 14	156	32
Valencia.....	30° 012	58° 8	54° 8	63° 9	53° 7	80	1878	40	1907	20	3° 61	—	—
Roche's Point.....	30° 014	58° 5	54° 9	65° 2	53° 8	84	1876	43	1907	15	2° 88	—	—
Birr Castle.....	29° 983	56° 8	52° 1	66° 2	51° 7	89	1876	37	1889	17	2° 99	142	28
Donaghadee.....	29° 953	54° 1	52° 5	63° 3	51° 8	81	1876	40	1883, 02	17	2° 91	—	—
Liverpool (Observatory).....	29° 971	56° 1	53° 4	65° 6	54° 2	88	1901	44	1877	15	2° 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° 056	59° 3	57° 0	68° 3	56° 3	87	1900, 01	44	1907, 09	13	2° 01	247	51
Portland Bill.....	30° 010	57° 5	55° 8	64° 7	55° 9	[79]44	[1901]44	[49]44	[1900, 07]44	11	1° 75	—	—
Dungeness.....	29° 988	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	90	1878	41	1887, 8, 92, 03	17	2° 73	—	—
North Shields.....	29° 931	55° 5	52° 9	64° 2	51° 3	85	1878	39	1909	15	2° 56	—	—
Spurn Head.....	29° 944	56° 4	54° 3	64° 9	54° 6	[84]*	[1881, 1900]*	[44]*	[1888]*	13	1° 82	—	—
Yarmouth.....	29° 959	57° 1	54° 6	66° 0	54° 6	87	1881	42	1890	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	82	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° 90]44	179	36
LONDON { Kew.....	30° 009	57° 7	54° 8	70° 8	54° 3	90	1881	43	1882, 84	13	2° 30	204	41
AUGUST.													
Sumburgh Head.....	29° 788	51° 5	49° 9	57° 2	48° 3	82	1910	38	1885, 95, 09	20	3° 11	—	—
Stornoway.....	29° 838	52° 9	51° 3	60° 0	49° 0	75	1897, 99	33	1888	22	3° 69	132	28
Castlebay (Barra Isd.)..	[29° 874]44	[54° 2]44	[52° 5]44	[58° 5]44	[51° 5]44	[68]44	[1910]44	[47]44	[1908, 09]44	[20]44	[4° 07]44	[139]44	[30]44
Malin Head.....	29° 856	54° 8	51° 0	61° 0	52° 9	80	1900	43	1891	22	3° 09	—	—
Blackod Point.....	29° 907	57° 0	55° 1	63° 0	53° 5	78	1899	42	1887, 88	23	4° 94	—	—
Valencia.....	29° 976	57° 5	55° 5	64° 2	53° 9	81	1899	43	1890	23	6° 09	162	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° 0	53° 3	63° 1	52° 0	78	1899	38	1886	19	3° 37	—	—
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	1898	17	3° 39	—	—
Pembroke (St. Ann's Hd.).....	29° 971	57° 0	55° 8	62° 8	55° 3	78	1899	47	1855, 88	16	3° 27	193	43
Scilly (St. Mary's).....	30° 126	58° 7	56° 9	65° 0	56° 9	75	1893, 99	50	1885, 90, 96	17	2° 88	224	51
Jersey (St. Aubin's).....	30° 057	61° 2	58° 5	68° 8	57° 2	89	1893	45	1890, 09	15	2° 43	242	55
Portland Bill.....	30° 003	59° 3	57° 5	65° 5	56° 8	[78]44	[1901]44	[49]44	[1904, 10]44	13	2° 00	—	—
Dungeness.....	29° 992	59° 6	57° 6	67° 2	56° 0	83	1904	39	1890	13	2° 13	—	—
Dover.....	[29° 993]44	[59° 3]44	[56° 9]44	[66° 4]44	[53° 8]44	[83]44	[1909]44	[46]44	[1908]44	[16]44	[2° 49]44	[220]44	[50]44
Wick.....	29° 827	52° 4	50° 9	61° 1	48° 2	85	1893	30	1890	20	2° 75	—	—
Nairn.....	29° 836	52° 7	51° 0	63° 7	49° 1	80	1899	33	1885, 91, 04	19	2° 59	[132]**	[28]**
Aberdeen.....	29° 860	54° 5	52° 4	62° 7	49° 9	81	1899	33	1885	18	2° 95	162	35
Leith.....	29° 866	55° 4	52° 9	65° 6	51° 1	85	1893, 99, 06	38	1881, 92	17	2° 96	—	—
North Shields.....	29° 898	55° 6	53° 4	64° 1	51° 2	83	1893	39	1892, 02	16	2° 84	—	—
Spurn Head.....	29° 927	57° 2	55° 3	64° 9	54° 6	[87]*	[1893]*	[45]*	[1900]*	15	2° 13	—	—
Yarmouth.....	29° 957	58° 0	55° 0	66° 2	54° 4	85	1893	41	1902	15	2° 51	[200]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° 957	56° 3	54° 7	68° 7	51° 4	94	1876	37	1870, 08	17	2° 02	[181]44	[40]44
Bath.....	30° 006	58° 0	55° 0	68° 9	52° 5	[92]44	[1876]44	[40]44	[1877, 04]44	14	3° 00	198	44
Oxford.....	30° 008	58° 9	55° 8	68° 9	52° 7	90	1876, 06	39	1892	14	2° 47	187	42
LONDON { Westminster.....	29° 991	58° 2	56° 2	[69° 7]44	[54° 7]44	[91]44	[1908]44	[46]44	[1905, 07]44	[13]44	[1° 80]44	173	39
LONDON { Kew.....	30° 006	57° 9	55° 5	69° 6	53° 6	92	1876	41	1890	14	2° 30	191	43
SEPTEMBER.													
Sumburgh Head.....	30° 000	49° 0	47° 8	54° 8	45° 3	69	1898	34	1887, 88	20	3° 18	—	—
Stornoway.....	30° 037	50° 7	49° 1	57° 5	45° 2	77	1906	32	1885	21	3° 06	115	30
Castlebay (Barra Isd.)..	[30° 041]44	[52° 4]44	[50° 5]44	[56° 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	1906	38	1886	18	2° 76	—	—
Blackod Point.....	30° 090	55° 0	53° 2	60° 0	51° 2	78	1899	39	1890	20	4° 08	—	—
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	1890	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	1886	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											



# DAILY WEATHER REPORT. APPENDIX I.

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

### FOURTH QUARTER, OCTOBER TO DECEMBER.

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

OCTOBER.	STATIONS.	PRESSURE. 1906-1910.  7 a.m. 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.				
Sumburgh Head	In. 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	5.36	85	27	
Castlebay (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	54.9	40.9	74	1908	22	1880, 1905	18	2.87	96	30	
Donaghadee	29.828	49.5	48.2	54.1	44.1	66	1898	21	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	[97]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	[26]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	[46.7]44	[79]44	[1908]44	[29]44	[1905, 09]44	[17]44	[12.33]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	

NOVEMBER.	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.				
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	
Castlebay (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	[5.06]44	—	—	
Valencia	29.819	46.2	43.9	52.2	42.7	63	1881	27	1890, 96, 01	22	6.48	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	49.3	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	23	1880	18	2.60	[75]44	[30]44	
Holyhead	29.887	46.3	44.6	50.1	42.8	63	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	66	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	1890	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	[1878]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	

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.				
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	
Castlebay (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	56	1885, 88, 94, 09	20	1879	21	3.08	—	—	
Liverpool (Observatory)	29.700	40.4	38.8	44.4	36.3	59	1891, 98, 1900	13	1878	18	2.69	[48]44	[21]44	
Holyhead	29.729													



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday  
1st September 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.	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.	
BRITISH ISLANDS.		Lerwick ... ..	30.12	53.	NNW	4	c	30.23	+0.04	50	0	N	5	c	3	-	55	48	c	c	cb, bc	Hours		
		Stornoway ... ..	30.16	53.	NE	3	bc	30.23	+0.02	51	-1	NE	3	o	3	-	60	45	bc, c	bc	bc, o.	6.1		
		Castlebay (Barra Isd.)	30.11	56	NNE	3	bc	30.19	+0.02	52	-2	NE	4	bc	3	-	59	50	o, bc	bc	bc, b	10.8		
		Glasgow ... ..	30.05	57	E	1	bc	30.16	+0.04	51	-4	ENE	1	c	3	-	59	49	o	o, bc	bc, o.	0.3		
		Malin Head ... ..	30.07	55	N	4	c	30.11	0.00	54	0	N	3	cm	3	-	57	53	cg	cg	cm	*		
		Blackod Point ... ..	30.10	57	N	3	bc	30.10	0.00	57	+4	NNW	3	c	3	-	59	52	cg	bc	bc	*		
		Valencia ... ..	30.07	57	NNE	2	o	30.08	+0.02	56	+2	E	3	og	3	-	59	54	c	c	o	0.3		
		Roche's Point ... ..	30.04	60.	SSW	2	o	30.06	*	54	0	N	3	o	2	-	63	53	bc	c, o	bc, o	*		
		Birr Castle ... ..	30.03	61	H	2	bc	30.09	*	51	-1	N	3	c	2	-	64	49	c	bc	c	8.3		
		Donaghadee ... ..	30.05	56	NNW	2	o	30.09	+0.01	54	-1	ENE	1	c	2	-	58	54	o	o	om, o	*		
		Liverpool Obsy. ... ..	29.94	62	NNW	2	o	30.04	+0.01	54	-6	NNE	1	o	1	-	68	54	o, bc	bc, c	o	4.4		
		Holyhead ... ..	30.01	60	N	3	om	30.03	+0.01	57	0	NE	2	cm	2	-	60	57	om	om	ac, om	0.0		
		Pembroke (St. Ann's Hd.)	29.98	57	NE	3	o	30.00	+0.01	59	+4	NE	2	om	1	-	62	55	cm	cg	og	0.3		
		Newquay ... ..	29.96	60.	N	1	o	29.98	+0.02	59	0	-	0	ogf	1	0.01	61	59	og	og	og	0.0		
		Scilly (St. Mary's) ... ..	29.98	59	NE	2	cm.	29.99	+0.01	59	-1	NNE	2	om	2	-	65	57	cm	cm	om	0.1		
		Jersey (St. Aubin) ... ..	30.01	65	W	3	cm.	30.01	*	63	+1	W	2	cm	1	-	66	54	o, cm	cm	cm, o	0.4		
		Portland Bill ... ..	29.95	61	-	0	r	29.98	+0.01	59	-1	W	1	o	2	1.76	63	58	c	o	cg, m	*		
		Dungeness ... ..	29.92	61	NNW	2	r	29.96	+0.01	59	-4	NW	2	o	1	1.11	65	57	o	o	r, b	*		
		Dover ... ..	29.90	60.	NW	3	d	29.95	*	57	-5	NW	2	o	4	0.86	62	56	o, o	o	o, p, a	0.0		
		Wick ... ..	30.13	53	NNE	4	c	30.20	+0.03	52	0	NNE	3	cg	4	-	54	47	om, cm	cm, c	bc, cm	*		
		Nairn ... ..	30.13	54	NE	1	o	30.20	*	52	0	NNE	1	c	1	-	56	49	o, c	og	z, c	0.0		
		Aberdeen ... ..	30.09	54	N	4	o	30.15	+0.03	52	-2	NNW	3	o	3	-	57	47	o	o	o	0.0		
		Leith ... ..	30.04	57	E	1	o	30.13	+0.03	53	0	NE	2	o	3	-	60	53	o	o	o	0.0		
		North Shields ... ..	30.02	54	NNW	4	d	30.05	+0.01	53	-1	N	5	d	5	0.02	56	53	d	o	d	0.0		
		Spurn Head ... ..	29.93	58	NNW	6	o	29.93	0.00	57	-1	NNW	6	ogd	5	0.03	67	54	f, m, y	c, o	og, d	0.0		
		Yarmouth ... ..	29.88	60	NNW	3	o	29.88	0.00	59	0	NW	1	f	?	0.16	61	59	om	om	o, f, b	0.0		
		Clacton-on-Sea ... ..	29.90	62	NNW	3	o	29.93	+0.01	56	-5	WNW	2	o	1	0.08	67	55	og	og, g	og, r	0.0		
		Nottingham ... ..	29.96	58	N	3	o	29.99	*	54	-6	NNW	3	dm	*	0.01	62	53	o, cm	om	o	0.1		
		Bath ... ..	29.95	65	NNW	-	r	30.01	*	58	-2	ENE	-	r	*	0.21	67	56	o	o	r, o	0.0		
		London (Kew Obsy.) ... ..	29.95	62	NNW	2	r	29.99	+0.02	56	-5	NW	2	omr	*	0.53	63	55	omr	omr	om, gl	0.0		
ICELAND, FAEROE, &c.		Spitzbergen ... ..	29.72	36	SE	3	o	29.45	-0.04	40	0	E	3	bc	*	?	40	36	*	*	*			
		Isafjord ... ..	30.10	49	SW	6	b	30.17	+0.05	41	+1	NW	5	b	*	*	*	*	*	*	*			
		Reykjavik ... ..	30.23	50	NW	1	bc	30.31	+0.01	46	+9	SSW	1	c	*	*	*	*	*	*	*			
		Vestmanna ... ..	30.23	46	WNW	3	b	30.39	+0.01	45	+3	-	0	o	1	*	*	*	*	*	*			
		Seydisfjord ... ..	30.12	50	-	0	c	30.20	+0.02	45	+5	W	2	b	*	*	*	*	*	*	*			
		Thorshavn ... ..	30.17	50	ESE	2	c	30.31	+0.03	44	+3	-	0	b	*	*	*	*	*	*	*			
SCANDINAVIA.		Haparanda ... ..	29.98	57	S	2	b	29.95	0.00	56	-3	SW	4	r	*	0.04	63	?	*	*	*			
		Hernösand ... ..	30.04	59	-	0	f	29.98	0.00	58	-1	-	0	b	*	*	64	52	*	*	*			
		Stockholm ... ..	30.04	61	-	0	b	29.99	-0.01	62	+1	SE	2	f	*	*	72	57	*	*	*			
		Wisby ... ..	30.05	62	SSE	2	b	29.96	-0.01	68	+1	SE	2	b	*	trace	75	59	*	*	*			
		Karlstad ... ..	30.02	61	-	0	b	29.97	0.00	60	0	-	0	b	*	*	68	54	*	*	*			
		Færder (X'lands Fjord)	30.00	64	-	0	b	29.97	0.00	57	0	-	0	b	*	*	64	55	*	*	*			
		Bodö ... ..	29.97	50	NNW	2	c	29.98	+0.02	47	-11	SW	6	f	3	0.28	55	46	*	*	*			
		Christiansund ... ..	30.08	49	-	0	r	30.16	+0.03	49	-8	NNE	2	o	2	0.59	57	48	*	*	*			
		Skudesnaes ... ..	29.98	66	N	4	o	29.99	0.00	55	-7	N	6	o	2	-	75	54	*	*	*			
		The Scaw (Skagen) ... ..	29.97	65	SE	2	b	29.93	0.00	64	0	ESE	1	b	0	-	68	66	*	*	*			
		Blaavands Huk ... ..	29.93	67	ESE	1	bc	29.90	+0.01	62	+1	E	1	m	0	-	81	55	*	*	*			
GERMANY, &c.		Cuxhaven ... ..	29.88	68	E	1	m	29.88	0.00	60	-3	S	1	m	0	-	72	59	*	*	*			
		The Helder ... ..	29.84	67	NE	2	c	29.86	+0.03	65	-1	SW	2	o	1	-	72	63	*	*	*			
		Brussels ... ..	29.89	60	N	2	o	29.96	+0.04	59	-3	WSW	2	r	*	0.28	66	59	*	*	*			
		Berlin ... ..	29.93	69	W	1	c	29.96	+0.02	66	+1	S	1	c	*	0.12	77	61	*	*	*			
		Frankfurt ... ..	30.00	63	SW	1	c	30.03	+0.04	63	0	SW	2	m	*	0.43	73	61	*	*	*			
		Munich ... ..	30.03	63	SW	2	bc	30.08	+0.01	61	+2	SW	1	c	*	-	72	54	*	*	*			
FRANCE.		C. Gris Nez ... ..	29.93	61	NW	4	r	29.96	+0.02	59	-4	WSW	2	m	2	0.67	64	59	*	*	*			
		La Hève ... ..	?	60	WNW	4	o	29.96	*	59	-2	SW	3	m	2	0.24	64	55	*	*	*			
		Brest (St. Mathieu) ... ..	30.03	63	SW	1	c	30.02	+0.01	59	-2	SSE	1	m	2	-	70	59	*	*	*			
		Lorient (Rec Molen) ... ..	?	68	WSW	1	bc	?	*	59	-2	N	2	c	2	-	70	55	*	*	*			
		Rocheport (Ile d'Aix) ... ..	30.02	66	NW	3	bc	29.96	-0.01	63	-2	ENE	3	o	*	0.08	73	63	*	*	*			
		Biarritz ... ..	29.95	77	E	3	bc	29.96	+0.01	60	-4	S	2	b	2	0.55	79	57	*	*	*			
		Paris ... ..	30.01	61	SSW	1	o	30.02	0.00	57	+4	-	0	b	*	0.24	65	53	*	*	*			
		Belfort ... ..	29.97	66	W	4	c	30.08	*	58	-3	-	0	m	*	-	71	52	*	*	*			
		Lyons ... ..	30.03	71	-	0	bc	30.06	*	?	-	N	?	?	*	-	79	58	*	*	*			
		Nice ... ..	30.01	71	-	0	b	30.02	+0.01	72	+4	-	0	c	2	-	81	59	*	*	*			
		Perpignan ... ..	29.99	71	-	0	b	29.97	+0.04	68	+2	-	0	bc										

GALES.  
Duration and Extreme Force  
on British Coasts.

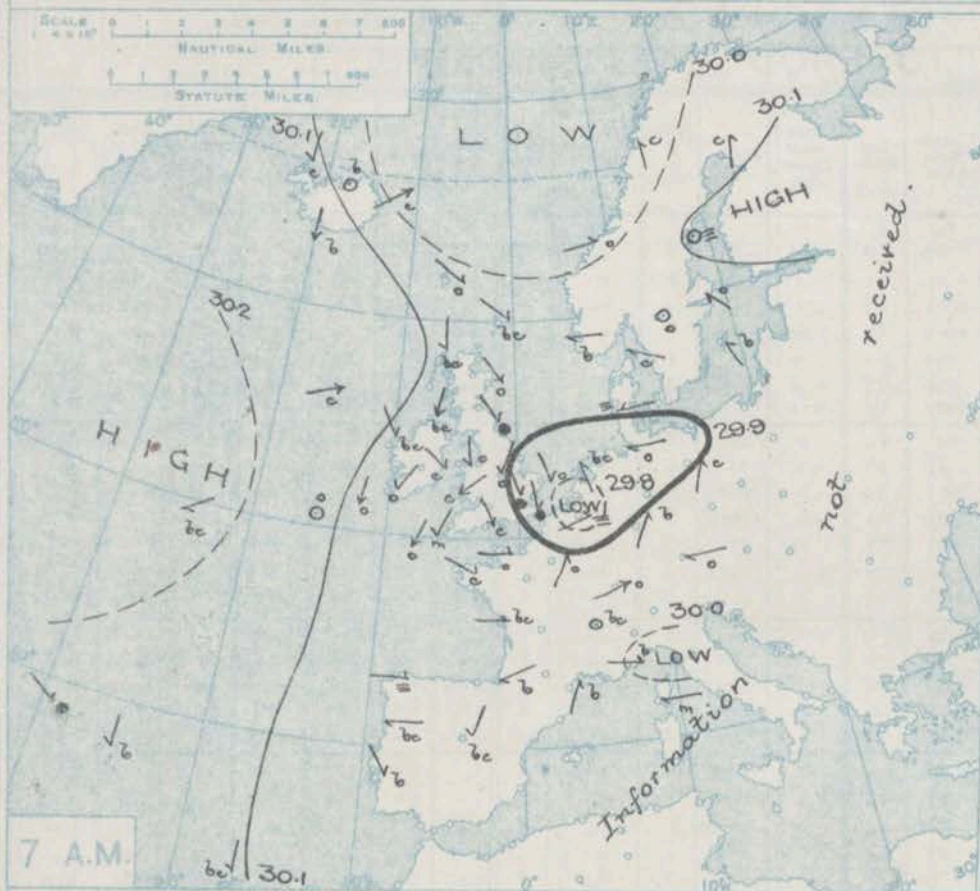
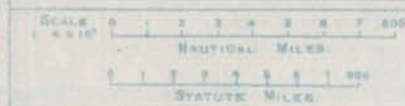
Thunderstorm yesterday.

\* Information for these columns not usually received.

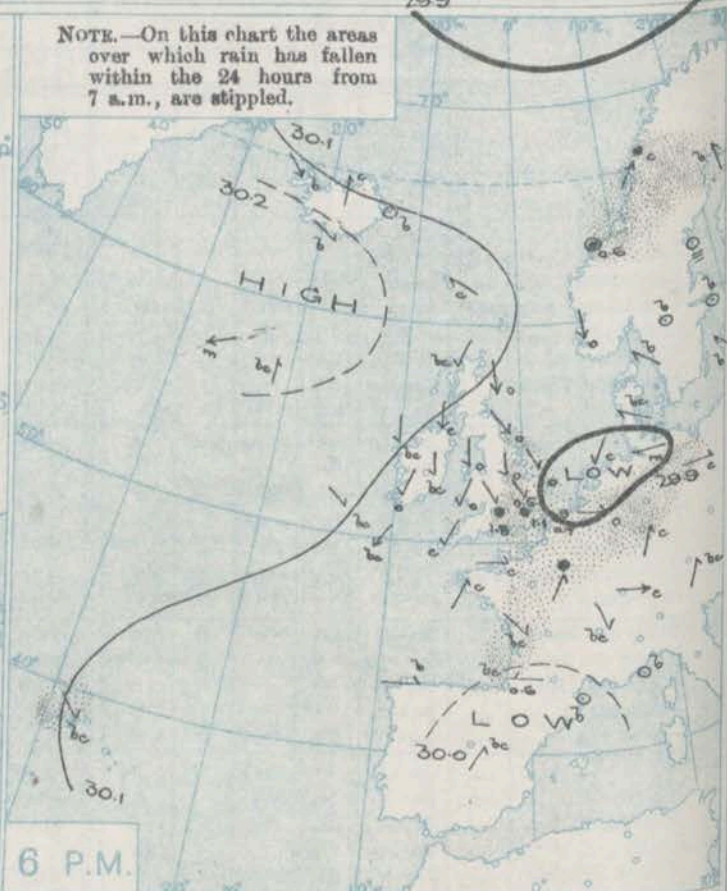
† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 31<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 depressions over the Netherlands and English Channel appear likely to disperse

## WEATHER PROSPECTS.

very gradually, but will cause further rains over a large portion of England.

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

0 { Wind mainly N.E., light or moderate; cloudy to overcast to fairer; rather cool.

1 {

2 { Wind chiefly between N. and N.E., light or moderate, fresh at times locally; much cloud, some

3 { rain and mist; rather cool, air humid.

4 {

5 {

### 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 WARNINGS ISSUED.

6 { Same as Nos. 0 & 1.

7 { Wind N.E., light or moderate; mostly fair, dull at times; rather cool.

8 { light Variable or N.E. winds; much cloud, some rain and mist; rather cool.

9 { Same as No. 7.

10 {

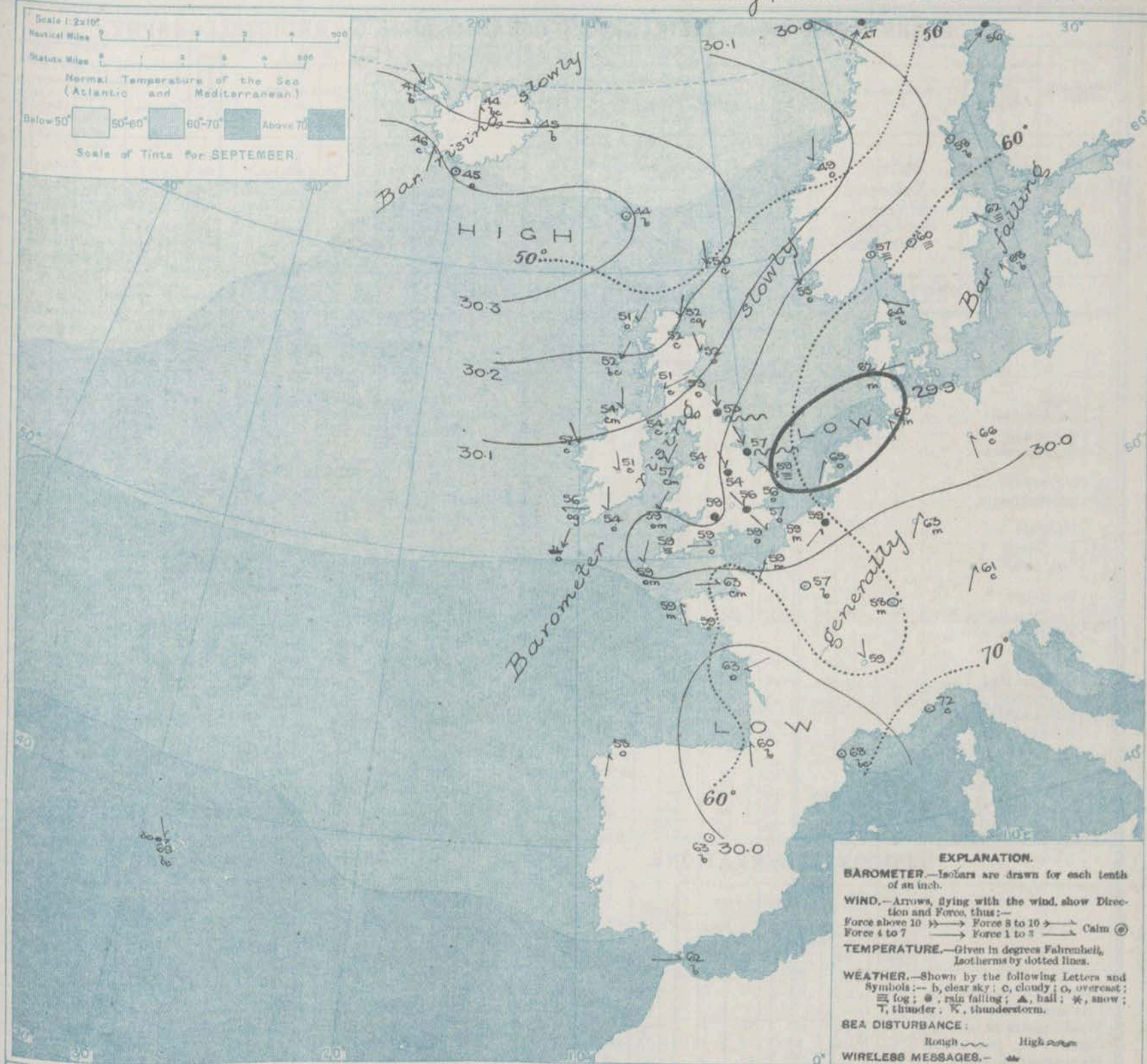
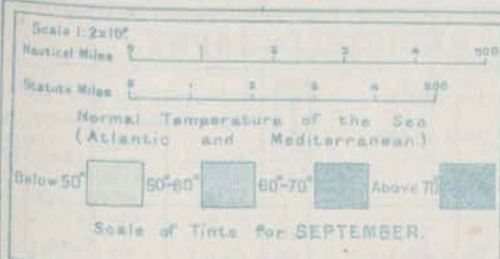
11 WESTERN CHANNEL AND BAY. Wind mainly N.W., light;

sea smooth; much cloud, rain and mist at times.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Monday, 1<sup>st</sup> SEPTEMBER 1913.



## EXPLANATION.

**BAROMETER.**—Isobars are drawn for each tenth of an inch.

**WIND.**—Arrows, flying with the wind, show Direction and Force, thus:  
Force above 10 → Force 8 to 10 → Calm ☉  
Force 4 to 7 → Force 1 to 3 →

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

**WEATHER.**—Shown by the following Letters and Symbols:—b, clear sky; c, cloudy; o, overcast; f, fog; r, rain falling; Δ, hail; \*, snow; T, thunder; K, thunderstorm.

**SEA DISTURBANCE:**

Rough High

**WIRELESS MESSAGES.**—

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

Pressure is above 30.3 in. between Iceland and Scotland, below 29.9 in. over the Netherlands and the adjacent portions of the North Sea, and very little higher over the east and southeast of England.

The wind is N.E. or N.W. over the greater part of the United Kingdom and the North Sea, light or moderate generally, but fresh at Lerwick and North Shields, and strong at Skudesnaes and Spurn Head. In the southeast of England there is a light N.E.

wind, and over Holland and Belgium a light breeze from S.W. or S. Temperature ranges over these islands from 59° along the southwestern, southern and south-eastern coasts to 51° at Birr Castle, Glasgow and Stornoway, and 50° at Lerwick. At most of the Continental stations the readings are higher, 66° at Berlin, but on the northwest coast of Norway the thermometer is below 50°. Rain is falling in several English localities, and also at Brussels, and the sky is very cloudy or quite overcast over the greater part of our area, with mist in many places.



## DAILY WEATHER REPORT.

Monday, 1st September, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- omeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- omeward.	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.	50	10	Zeland	O	30.06	-0.0	NNE	4-5	o	1st, 7 a.m.	49	24	Greenland	H	30.07	-0.2	NE	1-3	bc
31st, 6 p.m.	56	28	Victorian	H	29.93	+0.1	ENE	6-7	m		56	16	Asaphian	O	30.13	+0.1	WSW	4-5	c
	56	21	Asaphian	O	30.15	-0.0	S	1-3	bc		50	15	Sicilian	O	30.12	+0.6	-	0	o
	51	13	Mauretania	O	30.10	-0.0	NW	1-3	bc		51	12	Asaphian	H	30.07	+0.1	NNE	4-5	c
	49	10	New York	O	30.07	-0.6	NE	4-5	bc		55	8	Phaetonian	H	30.11	-0.0	ENE	4-5	c
											49	7	New York	O	30.00	+0.5	NE	4-5	o

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
Oban ...	...	...	...	...	...	...	Ramsgate ...	...	...	...	...	...	...
Stonehaven ...	...	...	...	...	...	...	Folkestone ...	...	...	...	...	...	...
Carnoustie ...	...	58	53	...	...	...	Hythe ...	2.92	63	59	...	...	...
St. Andrews ...	...	...	...	...	...	...	Littlestone ...	...	...	...	...	...	...
England, N.E.							Hastings ...	0.74	65	60	...	...	...
Harrogate ...	...	56	54	o	o	0.0	Bexhill-on-Sea ...	0.59	63	61	...	...	...
Scarborough ...	...	60	56	o	of	0.0	Eastbourne ...	0.77	66	60	...	...	...
England, N.W.							Seaford ...	...	...	...	...	...	...
Douglas ...	...	62	53	gg	cg	1.2	Brighton ...	0.74	62	61	of. atm	atm	0.0
Blackpool ...	...	67	58	o.c.	o	3.0	Worthing ...	2.38	62	60	r	r	0.0
Southport ...	...	67	58	bc.	bc.	7.7	Littlehampton ...	2.35	...	...	...	...	...
Mid-lands.							Southsea ...	0.22	65	61	...	...	...
Buxton ...	...	62	56	bc	bc.	0.4	Ryde ...	0.14	71	61	...	...	...
Leamington Spa ...	0.07	66	59	o	o. of	0.0	Ventnor ...	...	...	...	...	...	...
Malvern ...	...	...	...	...	...	0.2	Bournemouth ...	0.05	65	58	od	od	0.0
Wales.							Weymouth ...	0.16	66	59	oe	ro.	0.0
Rhyl ...	0.02	63	57	o. bc	bc. c	3.9	Exmouth ...	...	...	...	...	...	...
Colwyn Bay ...	...	65	55	bc	b	4.0	Teignmouth ...	...	65	59	of	of	0.0
Llandudno ...	...	67	56	c	bg	3.8	Torquay ...	?	64	58	o	o	0.0
Bettws-y-Coed ...	...	...	...	...	...	...	Paignton ...	...	...	...	...	...	...
Aberystwyth ...	...	65	58	...	...	1.1	Falmouth ...	...	67	59	o	og	0.0
England, E.							Bude ...	...	63	60	o	o	0.0
Lowestoft ...	...	62	58	o	od	0.0	Ilfracombe ...	...	65	59	o	bc. o.	0.0
Felixstowe ...	0.02	66	60	o	o	0.0	Weston-super-Mare ...	...	69	57	bc. c	ow	0.0
Walton-on-Naze ...	0.02	65	60	om	ogm	0.0							
Southend-on-Sea ...	0.07	66	62	p	p	0.0							

## 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.																								
%	%	F.°	F.°	F.°	In.				Hr.		In.	F.°	F.°	F.°				Hr.									
Greenwich (Royal Obsy.) ...	93	97	62	54	54	0.78	or	or	or	0.0	Dublin to 4 p.m.	.	.	.	.	.	.	.									
City (Banhill Row) ...	.	.	.	.	.	.	.	.	.	0.0	Plymouth to 9 p.m.	.	.	.	.	.	.	.									
Westminster (St. James's Pl.)	99	99	64	56	56	0.41	omf	omf	r. me	0.0	Darwer	"	"	"	"	"	"	"									
Camden Sq. (Brit. Rainfall)	-	94	63	55	55	0.52	od. of	or. o.	o. or	0.0	Manchester	"	"	"	"	"	"	"									
Hampstead (Reservoir) ...	.	99	61	53	48	0.44	or	or	or. am	0.0	Birmingham	0.02	65	56	55	-	0.2	or. 0.4									
Kew. (See front page.)	.	.	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.										0.02	-	69	60	0.09	og. o.	0.010								
Total.																		Mean Rate.		Max. Rate.							
235.0 Joules.																		48.0 Milliwatts.		17.0 Milliwatts.		0.0					
S. Kensington (Roof of M.O.)																		S. Kensington (Museum Grounds to 6 p.m.)									
-	97											0.21	71	61	50	oe. or	or	0.01	.								

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

21st & 1st Sept., 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.2	11.53	6.44
	5.5	11.53	6.41
Greenwich ...	5.12	12.0	6.48
	5.14	12.0	6.46
Wick ...	5.11	12.12	7.13
	5.13	12.12	7.11
Valencia ...	5.52	12.41	7.31
	5.54	12.41	7.28

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to about 70° in some parts of southern England, but only touched 56° at North Shields and Harrogate. Rain fell over the east and south of England, more than 1 in. on the coast of Kent, and 1.8 in. at Portland Bill. Thunder and lightning occurred in a few localities. Very little or no bright sunshine was recorded except in Central Ireland and in the Hebrides. Wireless reports show that a light to moderate breeze from the North-Eastward 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.

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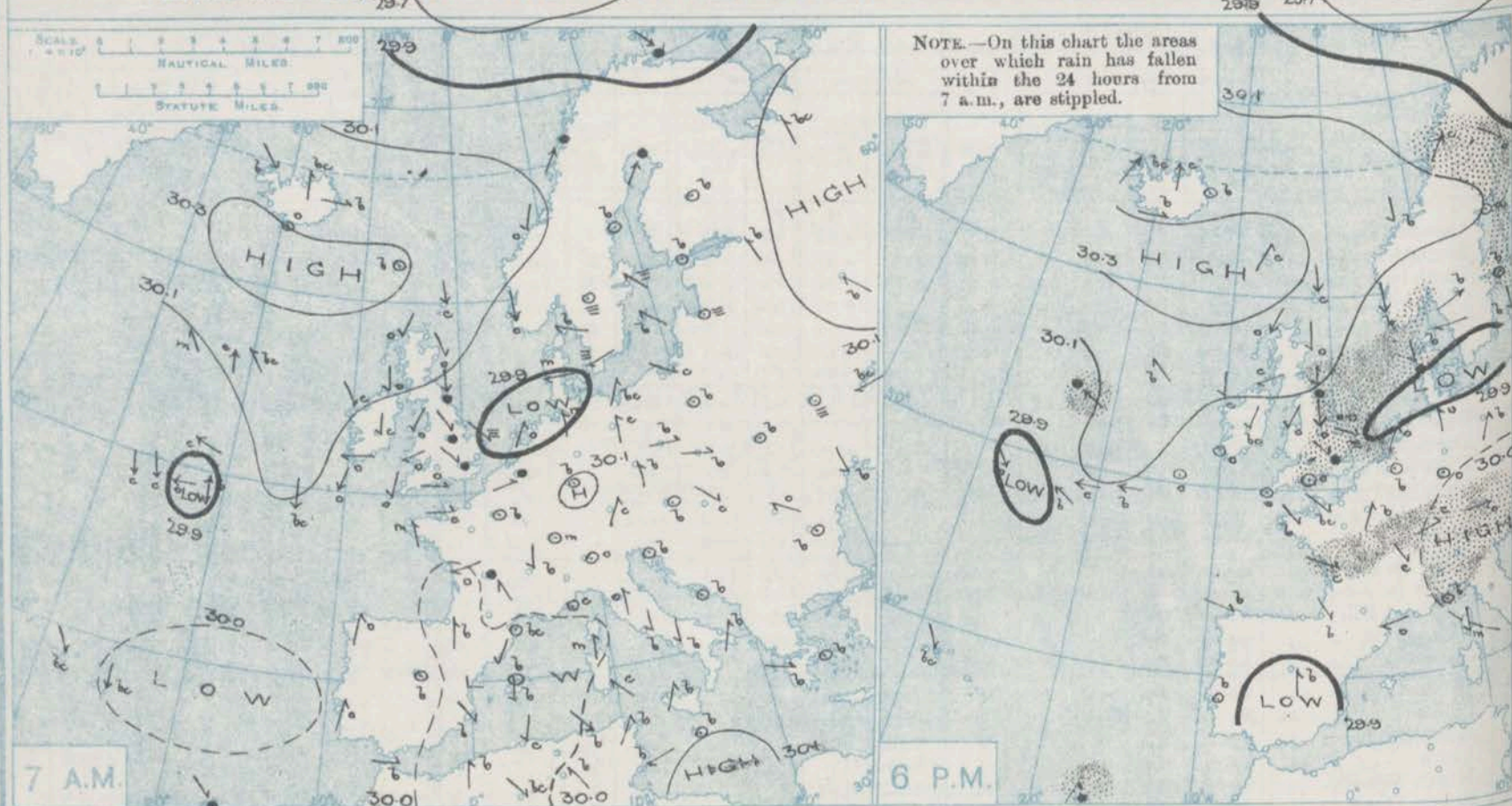


Tuesday,  
2nd September, 1913.

† Received too late for insertion in Charts.



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



## GENERAL INFERENCE

A shallow depression to the eastward of our islands appears to be dispersing, and the northern anticyclone shows some tendency to spread

## WEATHER PROSPECTS.

southwards. A gradual improvement in the weather is therefore probable over England, but for the present the sky will remain cloudy, with slight occasional rain in the eastern and southeastern districts.

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

- 0 {  
a  
b
- 1 { N.E. and N.W. winds, light or moderate; cool and cloudy at first, fair later and rather warmer.
- 2 {  
a  
b
- 3 { N.E. to N.W. winds, light; cool and cloudy, with occasional slight
- 4 {  
a  
b
- 5 { rain, but tending to improve.

### 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.

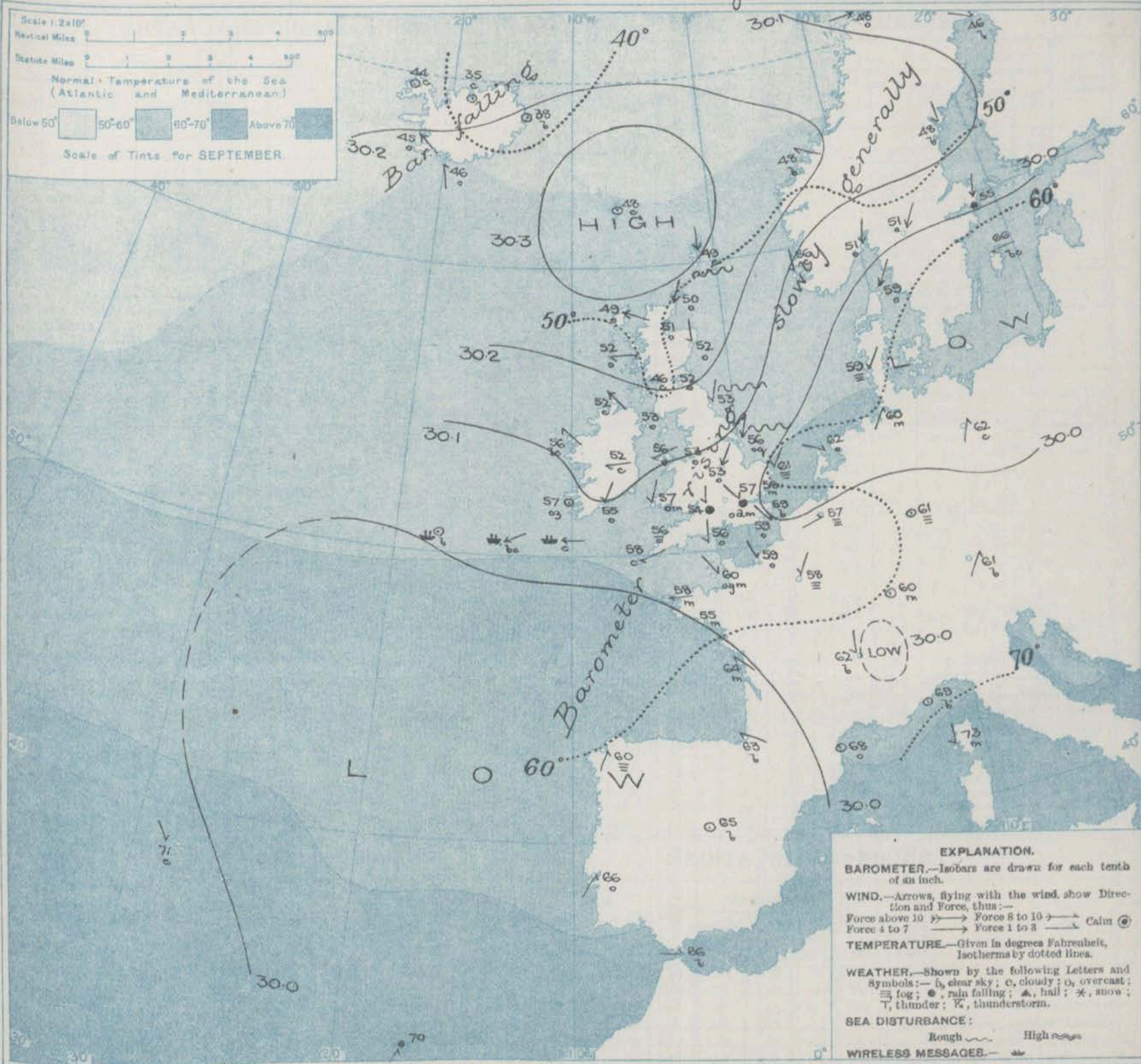
- 6 {  
a  
b
- 7 { Light breezes, chiefly E.S.; fair generally, but cloudy in places; becoming rather warmer.
- 8 {  
a  
b
- 9 { N.E. winds, light; cool, cloudy and misty, with slight occasional rain but tending to improve.
- 10 {  
a  
b
- 11 { Light to moderate E. and S.E. winds; fair generally; rather warmer.

## THE FURTHER OUTLOOK.

11 WESTERN CHANNEL AND BAY. Light E. and S.E. winds, and a slight sea; fair generally, but misty in places; rather cool.



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



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

An anticyclone lies between Scotland and Iceland, and the barometer is rising over the northern parts of our area generally. A large shallow depression extends from the east of England to North Germany and the Baltic, and another large area of low readings exists over the south-eastern portions of the North Atlantic.

Light to moderate breezes from between N. and E. prevail over the greater part of the United Kingdom and the North Sea, and strong winds from the same quarters in the south of Scandinavia. Over the Netherlands the wind is light from the W. and in Germany from the S.W.

Temperature has changed rather irregularly, but has fallen in most places. Over the United Kingdom the morning readings range from between 59° and 61° on the east and southeast coasts of England to a little below 50° in the west of Scotland. Readings below 40° are reported in Eastern Iceland. The weather is cloudy or dull over northwestern Europe generally, with mist or fog in several places. Rain is still falling locally in the south of England, and also at Stockholm. The sea is rather rough on our north and northeast coasts, slight or smooth elsewhere.



## DAILY WEATHER REPORT.

Tuesday, 2nd September, 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.	
2nd, 7 a.m.	50	12	Arabia	H	30.01	-0.1		(0-12)	b.	1st, 1 p.m.	50	13	Island	O	30.09	0.0	ENE	(0-15)	b.
1st, 6 p.m.	50	14	Campania	H	30.15	0.0	ENE	4-5	bc	7 a.m.	50	26	Island	O	30.09	-0.3	SE	1-3	m.
	54	24	Megantic	O	30.03	+0.3	ESE	4-5	r		48	25	Campania	H	30.01	-0.2	NNW	6-7	m.
	48	22	New York	O	29.95	+0.1	ESE	4-5	b		48	24	Haverford	H	29.89	+0.3	E	4-5	b.
	44	21	Haverford	H	30.11	+0.7	E	4-5	c		51	23	Silvan	O	29.98	0.0	ESE	4-5	b.
	44	20	Campania	H	30.10	0.0	E	4-5	bc		49	21	Waveriana	O	30.00	0.0	S	4-5	b.
	40	18	Munichaka	O	30.10	0.0	E	4-5	b		56	21	Island	H	30.16	+0.4	ESE	4-5	b.
	36	16	Victorian	H	30.23	+0.2	SE	1-3	b		56	20	Island	H	30.09	0.0	SE	1-3	b.
	30	14	Island	O	30.08	0.0		0	o		49	14	Megantic	O	30.10	-0.2	N	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	...	59	45			0.0	England, S.E.	Margate	0.02	60	57	o	o	0.0
	Stonehaven	...	56	50	rd	eg	1.4		Ramsgate	...	60	57	o	o	0.0
	Carnoustie	...	57	51	*		0.0		Folkestone	0.01	70	56	*	*	0.0
	St. Andrews	...	63	52	o	o	0.0		Hythe	0.30	64	57	r.bc	bc	1.3
Engl. N.E.	Harrogate	...	53	51	o	o	0.0	England, S.W.	Littlestone	...	...	...	...	...	0.0
	Scarborough	...	56	53	ot	ot	0.0		Hastings	0.94	63	57	o	o.bc	0.6
England, N.W.	Douglas	...	58	52	gg	gg	0.4		Bexhill-on-Sea	1.01	62	58	o	o.c.o.	0.4
	Blackpool	...	66	55	o	o	0.0		Eastbourne	0.88	63	58	o.bc	o.c.	0.1
	Southport	...	60	54	o	o	0.0		Seaford	0.94	62	57	r.o	o	0.0
Mid. lands.	Buxton	...	54	50	bc.c	ot	0.0		Brighton	1.04	60	57	o	o	0.0
	Leamington Spa	...	55	54	ot	ot	0.0		Worthing	0.82	59	57	ot	ot.o	0.0
	Malvern	...	...	...	...	...	0.0		Littlehampton	1.17	...	...	...	...	0.0
Wales.	Rhyl	...	60	56	o	o	0.0		Southsea	1.01	59	56	o.ot	ot.o	0.0
	Colwyn Bay	...	63	56	o	o	0.0		Ryde	1.31	60	58	ot	ot	0.0
	Llandudno	...	66	56	o	o	0.0		Ventnor	0.60	60	55	...	...	0.0
	Bettws-y-Coed	...	66	53	og	og	0.0		Bournemouth	0.95	60	56	r.ot	ot.o	0.0
England, E.	Aberystwyth	...	64	58	o.ot	o.c.o	0.5		Weymouth	0.72	63	58	ot	ot	0.0
	Tenby	...	70	62	bc	c.bc	2.8		Exmouth	0.60	64	59	d.cg	ut	0.5
	Lowestoft	...	61	57	od	o	0.0		Teignmouth	0.33	65	59	ot.c	ot	0.4
	Felixstowe	...	58	55	em.o	emo	0.0		Torquay	0.34	65	59	o	o	0.4
	Walton-on-Naze	...	58	56	c.om	om	0.0		Paignton	0.43	66	59	ot.bc	bc.ot	0.3
England, S.W.	Southend-on-Sea	...	61	55	d	d	0.0		Falmouth	0.05	63	59	d.ot	d.o	0.0
		...	...	...	...	...	...		Bude	0.38	67	60	d.o.bc	bc	0.1
		...	...	...	...	...	...		Ilfracombe	...	66	59	o	o	1.0
		...	...	...	...	...	...		Weston-super-Mare	0.15	61	56	o	r.ot	0.0

## 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.		Forenoon.	Afternoon.	Night.	
	%	%	F.	F.		...	...	...	
	24 HOURS ENDED 9 A.M. TO-DAY.		Max.	Min.	In.	...	...	...	
Greenwich (Royal Obs.)	95	96	59	55	55	0.15	ot	ot	0.0
City (Bunhill Row)	...	...	...	...	...	...	...	...	0.0
Westminster (St. James's Pk.)	100	100	63	56	56	0.24	mt	mt	0.0
Camden Sq. (Brit. Rainfall)	94	98	60	56	56	0.29	ot.o	ot	0.0
Hampstead (Reservoir)	...	97	57	54	50	0.32	ot	omd	0.0
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.)			40.9 Joules.		8.4 Milliwatts.		20 Milliwatts.		0.0

## Additional Observations for Yesterday.

STATIONS.	RAIN-FALL.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.	
		Max.	Min.	...	...	...	
		F.	F.	F.	F.	F.	
Dublin to 4 p.m.	In.	61	55	54	c.ot	o.c	0.2
Plymouth to 9 p.m.	In.	66	59	58	ot	otm	0.0
Darwen	...	57	52	47	og	aug	0.0
Manchester	...	58	55	...	o	o	0.0
Birmingham	...	57	53	51	...	ot	0.0
Oxford to 8 p.m.	...	61	54	53	otm	otm	...
S. Kensington (Museum Grounds to 6 p.m.)	0.40	63	55	55	rl.od	otp.o	...

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

2nd & 3rd Sept., 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.7	11.53	6.39
	5.8	11.52	6.37
Greenwich	5.16	12.0	6.46
	5.17	11.59	6.42
Wick	5.15	12.12	7.9
	5.17	12.11	7.6
Valencia	5.56	12.41	7.26
	5.57	12.40	7.24

## NOTES ON YESTERDAY'S WEATHER.

Over a large portion of the United Kingdom the thermometer yesterday failed to reach 60°, but on some parts of our west and south-west coasts it exceeded 65°, and at Tenby it touched 70°. The amount of bright sunshine was generally very small. Considerable quantities of rain were again experienced in several parts of England; a thunderstorm occurred at Nottingham and lightning was seen in London. Wireless reports show that as far west as the 20th meridian ship experienced light breezes from between North-East and South-East and fair weather; further to the westward there was a cyclonic circulation of air round a small depression centred in lat. 48° N., long. 22° W.

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; o. 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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1913.

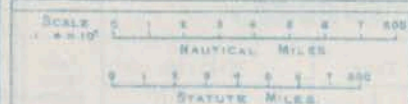
## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,  
3rd September, 1913.

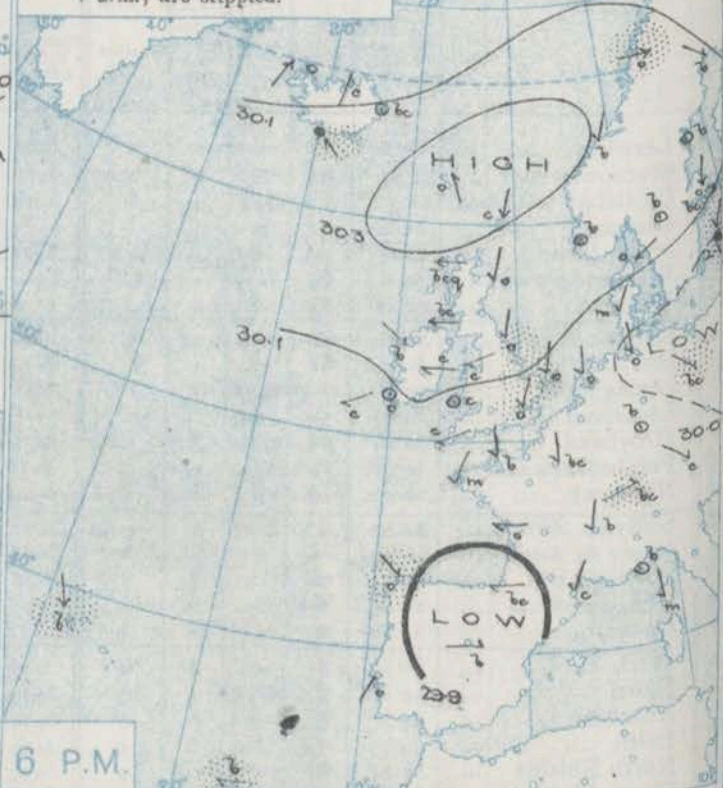
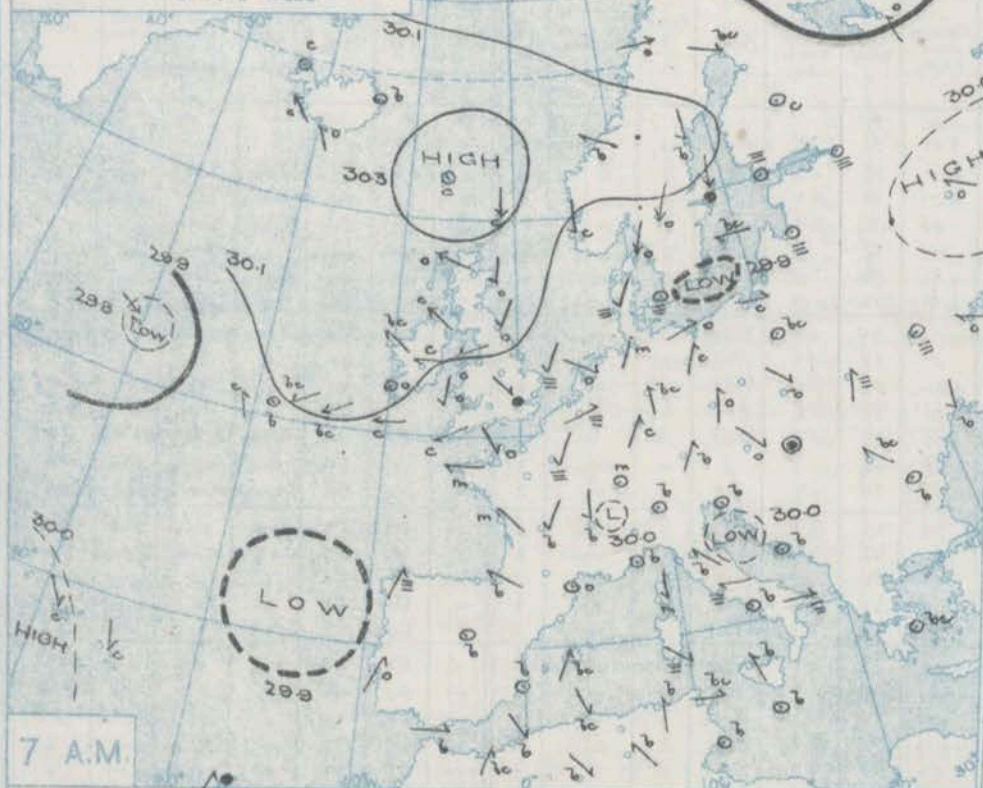
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.		
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.			Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.				
	At 32° 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.							
BRITISH ISLANDS.	Lerwick ... ..	In. 30.30	F. 52	NNE	5	c	In. 30.32	+0.1	F. 51	+2	NNE	4	c	4	-	53	47	c	c	o.c						
	Stornoway ... ..	30.27	54	E	4	bc	30.28	+0.1	52	+3	SE	3	o	3	-	57	47	o.bcg	bcg	bc.o	7.2					
	Castlebay (Barra Isd.)	30.22	57	ENE	2	b	30.26	+0.1	53	+1	SE	3	o	3	-	58	50	o.c	cb	bc.b.o	5.0					
	Glasgow ... ..	30.23	52	E	3	b	30.27	0.0	49	+3	ENE	2	o	*	-	58	46	c.bc	bc.b	bc.o.o	7.1					
	Malin Head ... ..	30.17	55	E	4	bcg	30.22	0.0	52	0	SSE	3	cg	2	-	58	49	bc.m	bc.m	cm						
	Blackrod Point ... ..	30.11	62	NW	1	b	30.14	+0.1	56	0	ENE	1	bc	1	trace	65	49	bc	bc	bc						
	Valencia ... ..	30.08	62	-	0	o	30.10	+0.1	52	-5	-	0	bc.m	2	-	64	52	o.cg	cg	o.c	0.0					
	Roche's Point ... ..	30.12	60	ESE	1	c	30.11	*	57	+2	ENE	1	o	1	-	63	55	o.cg	cg.cg	bc.m						
	Birr Castle ... ..	30.12	58	E	1	c	30.14	*	55	+3	NE	2	f	*	-	62	51	c	c	o.c	1.5					
	Donaghadee ... ..	30.18	56	ENE	3	c	30.23	+0.1	52	-1	ENE	4	c	3	-	57	52	c	c	o.c						
	Liverpool Obsy. ... ..	30.12	56	ENE	1	o	30.19	+0.1	51	-2	ENE	1	b	1	-	61	49	o	o	o.c	0.0					
	Holyhead ... ..	30.13	58	ENE	2	cm	30.17	+0.1	53	-3	ENE	4	bm	3	-	60	52	o.cm	o.cm	o.c.b	0.0					
	Pembroke (St. Ann's Hd.)	30.07	58	-	0	c	30.10	+0.2	54	-3	E	4	cg.m	3	trace	62	54	cm	cg.m	cm	0.0					
	Newquay ... ..	30.04	60	SE	2	ogu	30.04	0.0	58	+2	NE	1	cg	2	-	64	54	bc.g	cg	c	2.4					
	Scilly (St. Mary's) ... ..	30.03	62	ENE	2	cm.	30.02	0.0	59	+1	E	3	cm	3	-	67	57	cm	cm	cm	4.8					
	Jersey (St. Aubin) ... ..	30.04	64	N	2	b	30.02	*	62	+2	ENE	3	cm	3	-	69	57	cm.bcm	bc	bc.m	5.0					
	Portland Bill ... ..	30.04	59	NE	3	c	30.05	0.0	56	0	NE	5	o	4	trace	61	55	c	c	o.c						
	Dungeness ... ..	30.04	61	SW	2	b.	30.08	+0.2	61	+2	NE	3	o	3	-	66	58	c	c	o.c						
	Dover ... ..	30.04	61	SW	1	o	30.08	*	60	+1	NNE	4	o	2	-	64	57	bc.cob	bc.c	o	4.3					
	Wick ... ..	30.29	51	NE	3	o	30.31	+0.2	52	+2	ESE	2	o	3	-	52	49	cg	cg	cg.o						
Nairn ... ..	30.28	52	ENE	1	c	30.30	*	49	-2	-	0	o	1	-	54	46	cg	c	3.0	0.0						
Aberdeen ... ..	30.27	53	NNE	5	o	30.30	+0.2	52	0	NNE	1	bc	2	-	57	50	o	o	o.c.b	0.1						
Leith ... ..	30.23	54	ENE	3	o	30.26	+0.1	53	+1	ENE	2	c	*	-	59	52	c	c.o	o							
North Shields ... ..	30.21	53	NNE	2	o	30.22	+0.1	55	+2	NNE	3	r	5	0.01	57	53	c	o	o.c	1.0						
Spurn Head ... ..	30.12	56	NNE	5	c	30.15	+0.2	58	+2	ENE	4	c	5	0.01	61	52	cg.c	cg	c.b	2.3						
Yarmouth ... ..	30.08	59	NNE	3	o	30.11	+0.1	60	-1	NE	2	o	2	0.05	61	57	o	o	o	0.0						
Clacton-on-Sea ... ..	30.04	59	NNE	2	o	30.10	0.0	56	-2	N	1	o	1	0.01	64	55	cg	cg.pd	cg	0.0						
Nottingham ... ..	30.12	57	ENE	4	c	30.16	*	52	-1	N	3	b	*	0.01	60	49	cg	o.c	c.b	0.1						
Bath ... ..	30.09	56	NE	1	o	30.12	*	53	-1	NE	2	o	*	0.02	59	53	cg	o	g.p	0.0						
London (Kew Obsy.) ... ..	30.06	58	NNE	3	o	30.13	+0.1	55	-2	NE	2	cm	*	0.04	60	54	cdm	cdm	cdm	0.0						
ICELAND. FÆROE, &c.	Spitzbergen ... ..	29.70	37	N	2	b	29.79	0.0	36	0	SE	3	o	*	-	39	32									
	Isafjord ... ..	30.03	54	SW	6	o	29.94	-0.1	52	+8	SW	5	o	*	-	*	*									
	Reykjavik ... ..	30.10	50	ESE	5	o	30.03	-0.2	51	+6	E	3	o	*	-	*	*									
	Vestmanna ... ..	30.18	46	SE	3	r	30.07	-0.1	48	+2	SE	4	r	1	-	*	*									
	Seydisfjord ... ..	30.10	54	-	0	bc	30.12	0.0	52	+14	SW	3	b	*	-	*	*									
SCANDINAVIA.	Thorshavn ... ..	30.36	52	SSE	1	o	30.35	+0.1	47	-1	-	0	o	*	-	*	*									
	Haparanda ... ..	30.11	42	NW	2	b	30.14	+0.6	46	0	N	4	b	*	-	57	39									
	Hernösand ... ..	30.24	48	-	0	b	30.38	+0.6	48	0	N	2	b	*	-	57	43									
	Stockholm ... ..	30.11	50	NNE	4	bc	30.20	+0.5	54	-1	NE	6	b	*	0.91	55	46									
	Wisby ... ..	29.97	59	NE	4	r	30.05	+0.5	55	-11	NE	6	o	*	2.13	72	52									
	Karlstad ... ..	30.18	50	-	0	b	30.32	+0.4	49	-2	N	6	b	*	-	61	41									
	Færder (X'tania Fjord)	30.17	59	NE	6	b	30.33	+0.2	51	0	NE	6	b	2	-	59	48									
	Bodö ... ..	30.23	45	W	4	o	30.41	+0.4	46	-2	S	1	c	2	0.04	48	43									
	Christiansund ... ..	30.31	50	NE	3	b	30.33	0.0	48	0	ENE	3	b	2	-	52	45									
	Skudesnaes ... ..	30.13	57	-	0	b	30.31	+0.2	59	+3	S	4	c	2	-	61	52									
GERMANY, &c.	The Scaw (Skagen) ... ..	30.13	57	ENE	6	o	30.24	+0.4	55	-4	ENE	7	b	2	-	59	54									
	Blaavands Huk ... ..	30.06	58	NE	2	m	30.15	+0.3	55	-4	NE	1	o	1	-	64	54									
	Cuxhaven ... ..	29.95	64	N	2	o	30.07	+0.4	59	-1	N	4	o	1	-	66	59									
	The Helder ... ..	30.04	61	N	2	o	30.12	+0.1	63	+1	NE	3	o	2	-	66	61									
	Brussels ... ..																									
FRANCE.	Berlin ... ..	29.95	69	NW	2	bc	30.00	+0.1	62	0	W	1	o	*	0.16	75	61									
	Frankfurt ... ..	30.03	64	-	0	b	30.08	+0.1	59	-2	N	1	m	*	-	79	54									
	Munich ... ..	30.04	63	NW	1	c	30.09	+0.1	60	-1	S	2	b	*	-	73	52									
	C. Grs Nez ... ..	30.05	63	W	1	bc	30.09	+0.1	60	+1	NE	td														



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



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



## GENERAL INFERENCE

The northern anticyclone shows a continued tendency to extend slowly southward, and a gradual improvement in the weather is therefore

## WEATHER PROSPECTS.

anticipated over England. Our extreme western coast will be affected shortly by low pressure systems which are appearing over the upper part of the Atlantic.

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

0 { E. and S.E. winds, light or moderate;  
fair generally; rather warmer.

1 { N.E. to E. winds, light; fair;  
cool.

2 { fair generally, but cloudy or misty  
in places; rather warmer.

3 { N.E. winds, light or moderate;

4 { fair generally, but cloudy or misty  
in places; rather warmer.

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 { S.E. winds, light or moderate; fair  
at first, cloudy later, with slight rain  
locally.

7 { Same as Nos. 3 to 5.

8 {

9 { E. and S.E. winds, light or  
moderate; fair at first, cloudy

10 { later, with some rain in west;  
rather warmer.

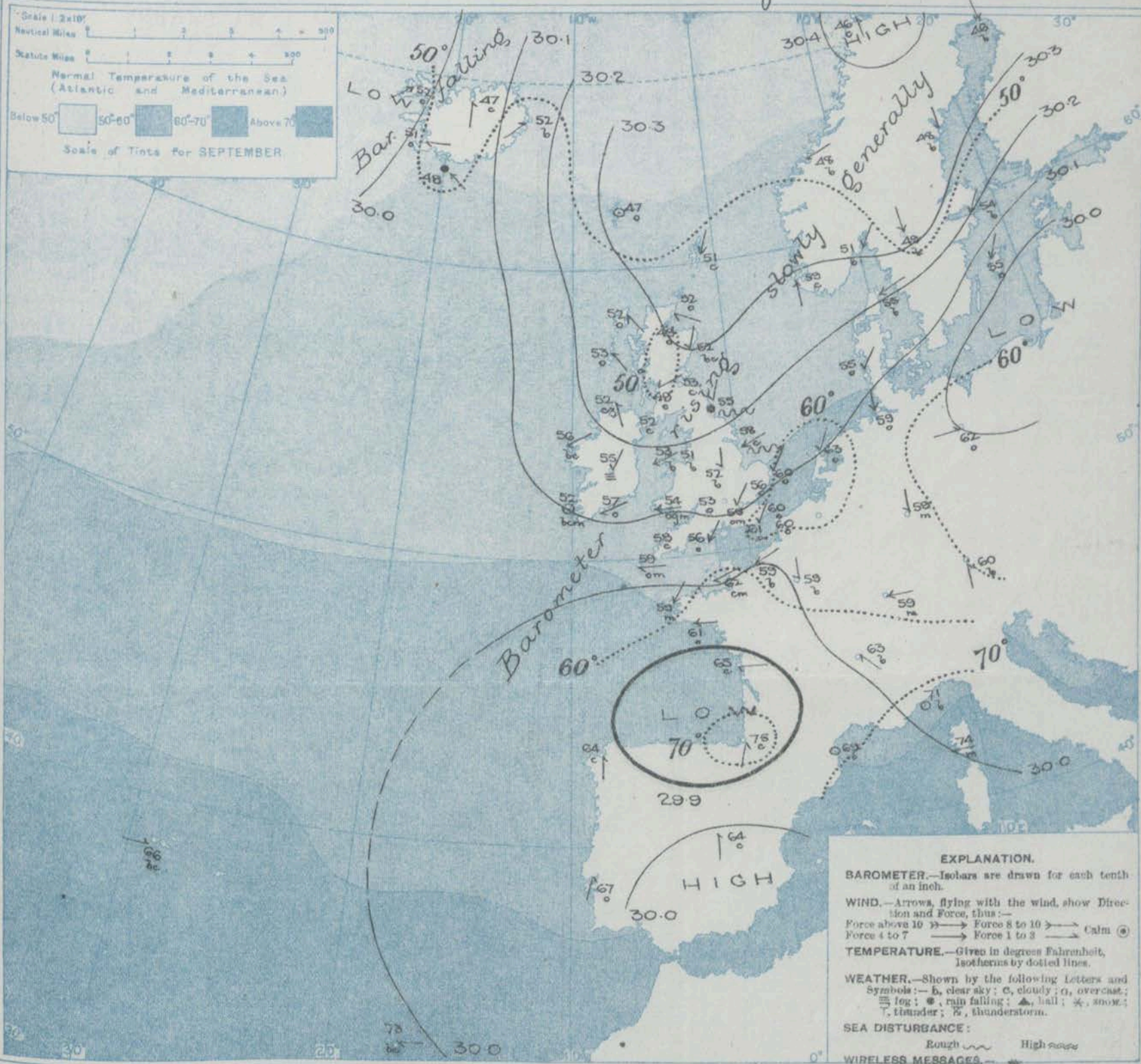
## 11 WESTERN CHANNEL AND BAY.

light E. to Variable breezes,  
and a slight sea; cloudy, some mist, shower  
showers locally; normal temperature.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. *Wednesday, 3<sup>rd</sup>* SEPTEMBER 1913.



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

The anticyclone noticed yesterday off the north of Scotland has expanded in a southerly and easterly direction, and now covers the entire northern part of our area of observation. A shallow depression lies over the southwest of France, and another low pressure system is approaching Iceland from the southwestward.

The wind is light to moderate from the N.E. and over the major portion of the United Kingdom and the neighbouring Continental regions, and strong from the same quarter over the Skager Rack and the south

of Sweden. Temperature has changed little and irregularly. On our east and southeast coasts the thermometer stands at or slightly above 60°, but over the United Kingdom generally it is below 55°, and in Central Scotland it is slightly below 50°. The weather is fine over the central parts of England and France and also in Scandinavia, but remains cloudy or overcast elsewhere with mist in several places. Rain is falling at North Shields, and also at Vestmanna (Iceland). The sea is slight or smooth generally, but rather rough on the northeast coast of England.



## DAILY WEATHER REPORT.

Wednesday, 3rd September, 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.	
2nd, 6 p.m.	51	13	Arabic	H	30.04	0.0	ENE	1-3	c	2nd, 7 a.m.	49	20	Zealand	O	30.03	-0.7	S	1-3	c
" 1 p.m.	50	14	Haverford	H	30.12	0.0	E	1-3	c	" "	50	17	Haverford	H	30.10	0.0	ENE	1-3	bc
" "	51	11	Campania	H	30.17	0.0	ENE	4-5	bc	" "	55	10	Victorian	H	30.13	-0.3	E	4-5	c
" 7 a.m.	53	30	Megantic	O	29.79	+0.1	WNW	4-5	m										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
(Oban ...)	-	61	53	cd, c	c, b	3.6	Ramsgate ...	-	66	56	f	f. b.	1.8
(Stonehaven ...)	-	56	47	c	c	0.5	Folkestone ...	-	68	55	f	f.	4.0
(Carnoustie ...)	-	59	48	"	"	3.7	Hythe ...	-	64	55	bc	bc	7.4
(St. Andrews ...)	-	59	51	c	c	3.5	Littlestone ...	-	"	"	"	"	1.8
Eng. N.E.							Hastings ...	-	64	55	o	o, c, b.	1.0
(Harrogate ...)	-	58	49	o, c.	bc, b.	4.3	Bexhill-on-Sea ...	-	64	56	bc, o	o, c, bc	0.7
(Scarborough ...)	-	60	52	o, c.	o, c.	2.8	Eastbourne ...	-	63	56	o, bc	og	0.4
England, N.W.							Seaford ...	-	66	56	c	c	0.6
(Douglas ...)	-	58	51	og	og	0.0	Brighton ...	-	64	56	o, c	o, c, o.	0.8
(Blackpool ...)	-	63	50	og	o	0.1	Worthing ...	0.05	64	55	o	bc, c	0.0
(Southport ...)	-	63	52	o, bc	o	0.0	Littlehampton ...	0.12	"	"	"	"	0.0
Mid-lands.							Southsea ...	0.25	61	56	o, or	o	0.0
(Buxton ...)	0.20	58	48	or	bc	2.7	Ryde ...	0.24	60	59	o	o	0.0
(Leamington Spa ...)	0.57	56	53	or	o	0.0	Ventnor ...	0.30	65	54	o	o	0.0
(Malvern ...)	"	"	"	"	"	0.0	Bournemouth ...	0.37	58	54	o	o	0.0
Wales.							Weymouth ...	0.13	60	55	og	go	0.0
(Rhyl ...)	-	61	54	o	o	0.0	Exmouth ...	0.02	64	56	o, bc	bc	0.1
(Colwyn Bay ...)	-	61	54	o	o	0.0	Teignmouth ...	0.02	62	57	o, c	o, c	0.2
(Llandudno ...)	-	61	54	o	o	0.0	Torquay ...	-	65	57	o	o	0.0
(Bettws-y-Coed ...)	-	60	55	og	og	0.0	Paignton ...	0.03	63	56	o	bc, o	0.0
(Aberystwyth ...)	-	62	54	c, o	o, c	0.7	Falmouth ...	-	66	55	c, b	o	0.6
(Tenby ...)	-	64	59	c	cu	0.3	Bude ...	-	64	54	o	bc, o	0.7
England, E.							Ilfracombe ...	0.04	60	56	o	o	0.0
(Lowestoft ...)	0.46	59	58	dp	o	0.0	Weston-super-Mare ...	0.13	58	53	o	o	0.0
(Felixstowe ...)	0.03	63	56	o	dm, o	0.0							
(Walton-on-Naze ...)	0.02	63	56	om	du, om	0.0							
(Southend-on-Sea ...)	0.01	66	56	bc	bc	1.5							

## 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.) ...	93	84	63	53	0.02	odm	odm	o	0.0
City (Bunhill Row) ...	"	"	"	"	"	"	"	"	0.0
Westminster (St. James's Pl.)	100	94	63	55	0.10	tm	tm	tm	0.0
Camden Sq. (Brit. Rainfall)	98	85	61	54	0.20	ogd	or	of, o, c	0.0
Hampstead (Reservoir) ...	"	87	58	52	0.14	ot	ot	o, c	0.0
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.)			209.9 Joules.		43.3 Milliwaits.		14 Milliwaits.		0.0

## 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.	0.01	61	54	54	dp	o, c	0.0
Plymouth to 9 p.m.	-	57	53	-	o	o	0.0
Darwen "	-	60	47	46	og	og, b.	0.5
Manchester "	0.03	63	53	"	or, o	o, bc	2.3
Birmingham "	0.11	57	51	49	r	o	0.0
Oxford to 8 p.m.	"	56	53	52	ot	o, or	"
S. Kensington (Museum Grounds to 8 p.m.)	0.26	60	56	55	om, o	op, o	odm

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

3rd & 4th Sept. 1913.	Sunrise.	Noon.	Sunset
Yarmouth ...	G.M.T. 5.9 5.9	G.M.T. 11.52 11.52	G.M.T. 6.37 6.35
Greenwich ...	5.17 5.18	11.59 11.59	6.42 6.40
Wick ...	5.17 5.19	12.11 12.11	7.6 7.3
Valencia ...	5.57 5.58	12.40 12.40	7.24 7.22

## NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 65° and upwards on some parts of our south and south-east coasts, but at most of the northern and central stations it failed to reach 60°. The amount of bright sunshine was generally very small. Slight rain was experienced in several parts of England. Wireless reports show that so far west as the 17th meridian ships experienced light to moderate breezes from the eastward, and fair weather; further to the westward there was a cyclonic circulation round a depression centred in about lat. 53° N., long. 30° W.

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.

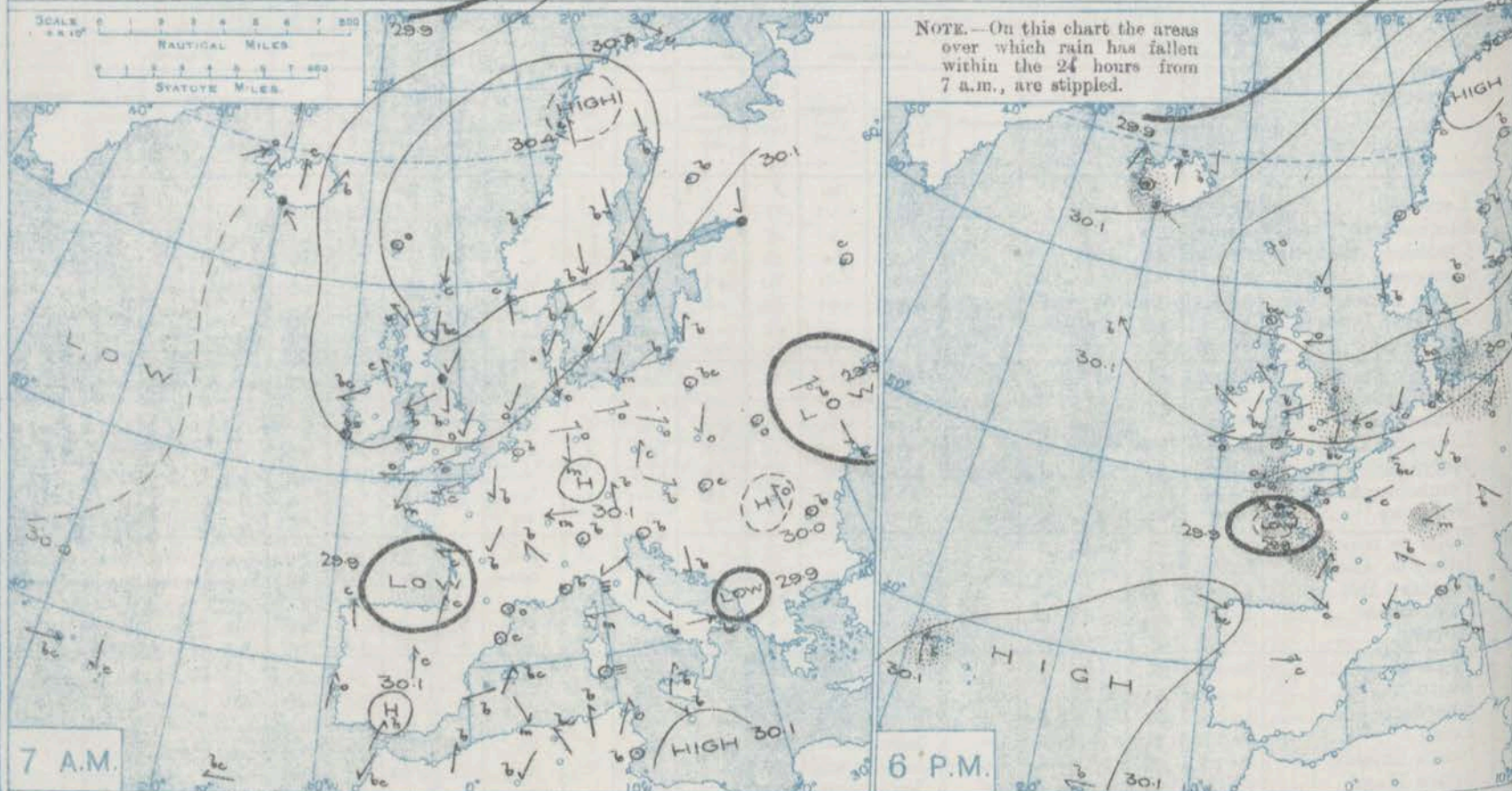


1913.

† Received too late for insertion in Charts.



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



## GENERAL INFERENCE

A small depression off the mouth of the Channel will occasion a continuance of changeable weather over England, with thunder showers in places.

## WEATHER PROSPECTS.

In the north conditions will remain for the present under the influence of the Scandinavian high pressure system.

### FORECASTS FOR THE 24 HOURS NOON THURSDAY

### TO NOON FRIDAY.

0 { a light breezes, chiefly E. & S.; fair  
b generally, but slight local showers; remaining cool.

1

2 { a E. & S.E. winds, moderate  
b or fresh; cloudy, occasional

3 showers, thunder locally; rather

4 { a cool.  
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 Cone.	South Cone.
North Cone.	North Cone.

NO WARNINGS ISSUED.

6 { a E. winds, light; fair; cool.  
b E. & S.E. winds, moderate; fair at first, some showers later, thunder locally; rather cool.

7 { a  
b

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

9 { a E. & S.E. winds, light or  
b moderate; fair; cool.

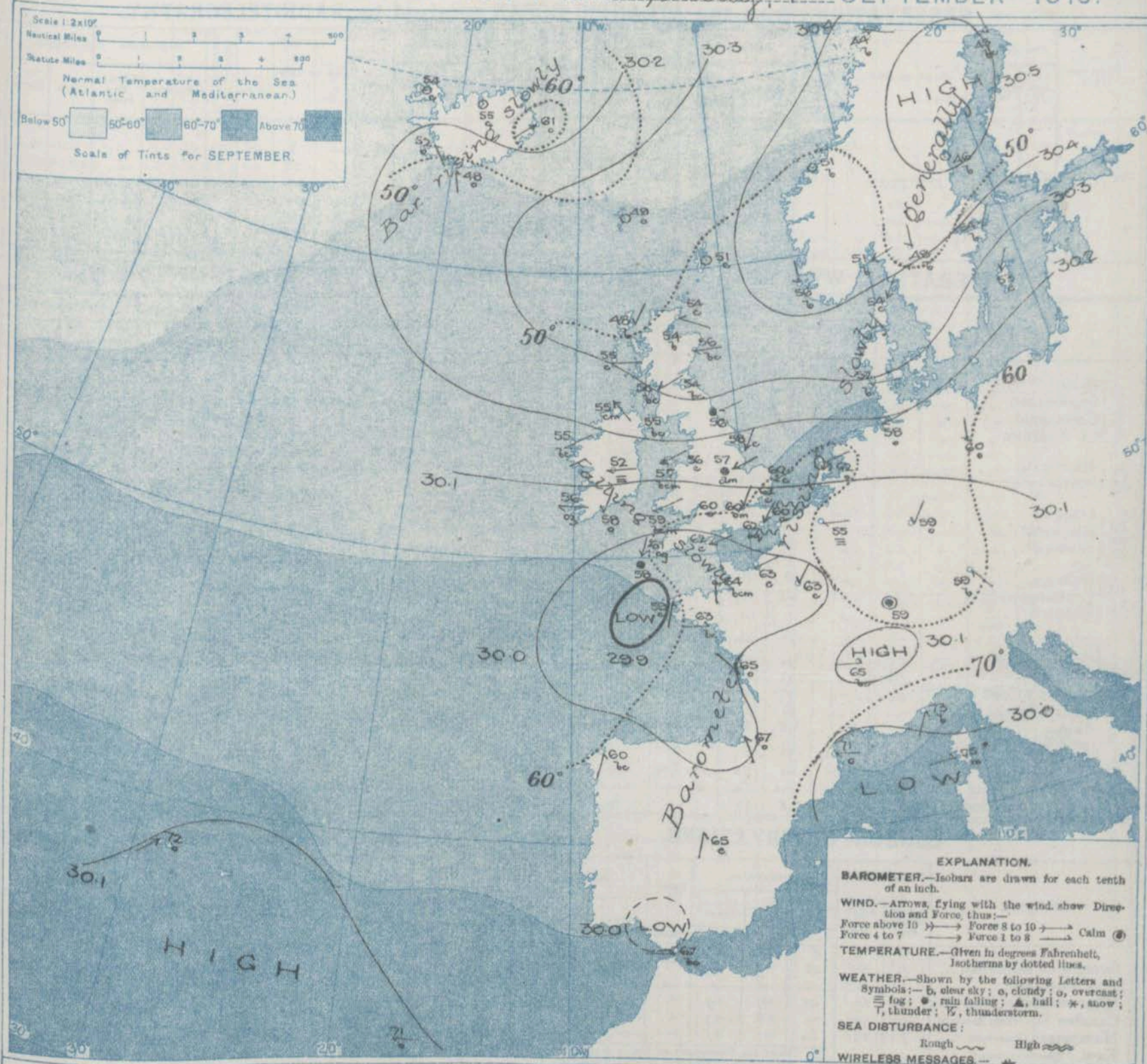
10 { a  
b

11 WESTERN CHANNEL AND BAY. Variable or light S. breezes, and a slight sea; cloudy, changeable, some rain, thunder locally; normal temperature.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Thursday, 4<sup>th</sup> SEPTEMBER 1913.



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

A large anticyclone still covers the entire northern part of our area of observation. A small depression has advanced from the S<sup>wd</sup> to the mouth of the Channel, where the mercury is at present falling slowly.

E. or S.E. winds continue to prevail over the United Kingdom, the North Sea, Denmark and the Baltic, and blow freshly or strongly on our own southern coasts. In the west of France the wind is light from between S. and S.W. Temperature

has risen over the United Kingdom and the neighbouring portions of the Continent, changed irregularly elsewhere. On our south and southeast coasts the thermometer is slightly above 60°, but at many of our western and northern stations it is below 55°, and in the Northern Helms it is below 50°. The weather is fine in Scotland, Wales and the north of Ireland, as well as in the northern parts of the Continent. Elsewhere the sky remains cloudy or overcast, with rain at several of the English stations, as well as at Belfort. The sea is rough in the Straits of Dover, moderate or slight elsewhere.



## DAILY WEATHER REPORT.

Thursday, 11th September, 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.	
3rd, 6 p.m.	57	20	Grampian	H	29.98	+0.2	SE	4-5	b										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	-	65	46	bc	bc	8.0	England, S.E.	Margate	-	67	56			2.2
	Stonehaven	-	58	48	bc	cg	3.0		Ramsgate	-	68	58			3.5
	Carnoustie	-	59	49			3.5		Folkestone	-	68	57	b	b	4.9
	St. Andrews	-	58	51	c		1.1		Hythe	-					
England, N.E.	Harrogate	-	67	48	c-bc	b-bc-o	6.2	England, S.W.	Littlestone	-					4.9
	Scarborough	-	64	53	o-c	o-c	1.4		Hastings	-	70	58	o-bc-b	b	5.3
England, N.W.	Douglas	-	62	53	b	b	9.0		Bexhill-on-Sea	0.05	70	59	r-o-bc	b-bc	5.7
	Blackpool	-	67	43	c-bc	bc	10.9		Eastbourne	0.11	68	55	o-c	b-bc	6.7
	Southport	-	67	43	b	b-bc-b	10.2		Seaford	0.02	70	56		c-bc	6.7
Mid-lands.	Buxton	-	63	39	bc	bc	7.9		Brighton	-	71	57	o-c-bc	bc-o	4.5
	Leamington Spa	0.01	64	49	og	og	0.4		Worthing	-	69	56	o-bc	bc-b	4.7
	Malvern	-					2.0		Littlehampton	0.05					4.7
Wales.	Rhyl	-	67	46	bc	bc	10.0		Southsea	0.02	68	55	o-c-b	c-b-bc	3.3
	Colwyn Bay	-	64	46	b	b	7.8		Ryde	-	66	58	bc	bc	4.5
	Llandudno	-	63	49	b	b	9.8		Ventnor	-	70	56			4.6
	Bettws-y-Coed	-	67	45	b	b	9.0		Bournemouth	-	61	53	o-c-o	o-c-o	0.6
	Aberystwyth	-	63	53	c-b	bc-c	9.0		Weymouth	-	66	54	o-bc	b	2.0
England, E.	Tenby	-	68	58	bc-b	bc	6.8		Exmouth	-	65	56	o-c		0.1
	Lowestoft	0.01	61	57	o	o	0.0		Teignmouth	-	64	55	o-c	c	0.0
	Felixstowe	0.01	65	55	m-o-c-o	m-o-c-o	0.5		Torquay	0.01	64	57	o	o	0.0
	Walton-on-Naze	-	64	56	cg-m	cg-m	0.0		Paignton	-	63	57	o	o	0.2
	Southend-on-Sea	-	68	55	bc	bc	4.0		Falmouth	-	61	56	o-c	o-c	0.2
									Bude	-	66	56	o-bc	b	4.6
									Ilfracombe	-	63	54	o	c-bc-c	1.5
									Weston-super-Mare	-	65	51	o-bc	b-bc	1.7

## 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.
			34 HOURS ENDED 9 A.M. TO-DAY.																	
%	%	F.	F.	F.	In.				Hr.	in.	F.	F.	F.				Hr.			
Greenwich (Royal Obs.) ...	74	80	68	59	57	-	c o	c bc c	op o	2.4	Dublin to 4 p.m.	-	62	56	55	om	om c	b	2.6	
City (Bushill Row) ...	*	*	*	*	*	*	*	*	*	2.1	Plymouth to 9 p.m.	-	65	56	50	o	o	c b	9.9	
Westminster (St. James's Pl.)	85	89	67	59	59	-	o	o bc	bc o	1.4	Darwen	-	65	45	39	bc	bc	bc	8.6	
Camden Sq. (Brit. Rainfall)	69	77	71	58	57	-	o	o c bc	o bc o	2.3	Manchester	-	68	45	*	bc	bc	bc	1.1	
Hampstead (Reservoir) ...	*	81	64	67	51	-	o	c bc	o c	2.6	Birmingham	-	62	48	47	-	c	o	*	
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.)	82	88	635.3 Joules.		13.1 Milliwatts.		33 Milliwatts.		1.2	S. Kensington (Museum Grounds to 6 p.m.)	0.01	67	54	53	odm. o	o	o c cg	*		

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

4th & 5th Sept. 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.9 5.11	11.52 11.52	6.35 6.32
Greenwich	5.18 5.20	11.59 11.59	6.40 6.37
Wick	5.19 5.21	12.11 12.11	7.3 7.0
Valencia	5.58 6.0	12.40 12.40	7.22 7.19

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 65° and 70° in many parts of England and Wales, and to 74° at Jersey. The amount of bright sunshine was, as a rule, very small, but between 9 and 10 hours were recorded in Wales and the north-west of England, and nearly 11 hours at Blackpool. Thunderstorms and heavy rains have occurred in Cornwall, and lightning has been seen at Pembroke, Jersey and Yarmouth.

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.

Friday,  
5th September, 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 82° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac.	Change since 4 a.m.				Dry Bulb.	Change since Yester- day.	Dirac.	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 ... ..		30.45	54	E	2	b	30.46	00	51	0	E	1	c	1	-	56	42	c	bc	bc.c	*			
Stornoway ... ..		30.28	60	SE	2	b	30.32	+01	53	+5	SE	3	b	3	-	64	47	b	by	b	10.4			
Castlebay (Barra Isd.)		30.26	60	NE	2	b	30.28	+02	55	0	E	3	bc	2	-	61	50	b	b	bc	11.0			
Glasgow ... ..		30.28	56	ESE	4	b	30.31	+01	51	+1	ESE	2	c	*	-	59	49	c	oabc	b.b.c	*			
Malin Head ... ..		30.19	58	ESE	4	cy	30.20	00	55	0	SE	5	cy	4	-	61	54	cmq	cm	cmq	*			
Blacksod Point ... ..		30.12	62	SE	2	c	30.11	-01	50	-5	E	3	o	3	trace	64	53	cmq	cy	bc.om	*			
Valencia ... ..		30.03	63	-	0	cy	30.05	+02	59	+3	-	0	cy	2	trace	68	55	cy	cy	cy	2.8			
Roche's Point ... ..		30.05	60	E	4	o	30.07	-	60	+2	ESE	2	o	2	0.06	65	58	cy	op	acton	*			
Birr Castle ... ..		30.09	61	E	3	m	30.10	-	57	+5	NE	2	r	*	0.22	65	51	f.c	b	or	2.1			
Donaghadee ... ..		30.18	58	ESE	4	o	30.20	+03	55	0	ESE	5	c	5	-	60	55	bc	o	bc.c	*			
Liverpool Obsy. ... ..		30.12	62	ESE	3	bc	30.17	+01	56	0	ESE	3	o	3	-	67	56	bc.o	bc.c	bc.c	1.5			
Holyhead ... ..		30.11	63	ESE	3	bc.m	30.12	+01	58	+1	ESE	4	cm	4	-	65	57	c.o.m	c.b.c.m	c.b.c.m	3.3			
Pembroke (St. Ann's Hd.)		30.03	59	E	4	c	30.03	+01	59	0	E	3	og	3	0.37	64	57	bc.m	all.m	cp	0.1			
Newquay ... ..		29.95	64	ESE	4	bc	29.98	+01	61	0	-	0	o	1	0.12	65	59	o	bc	c.o.o	3.6			
Scilly (St. Mary's) ...		29.93	61	SE	3	cm	29.96	+01	59	+1	E	1	m	2	0.03	63	57	omr	cm	cm	0.0			
Jersey (St. Aubin) ...		30.00	70	E	2	c	30.03	-	62	-2	W	3	c	3	trace	72	57	b	bc	c.b.c	8.4			
Portland Bill ... ..		29.99	62	E	6	o	30.01	00	62	0	ESE	2	o	3	0.05	63	60	op	o	c.o.g	*			
Dungeness ... ..		30.05	63	NE	5	bcq	30.03	+01	61	-1	ESE	4	o	4	0.05	65	60	c.o	c	c.o.o	*			
Dover ... ..		30.03	62	NNE	4	c	30.03	-	60	0	NE	5	q	4	0.03	65	59	o.b.c	c	c.o.o	1.0			
Wick ... ..		30.39	55	E	4	bc	30.39	+01	54	0	ESE	3	bc	3	-	57	53	cm.b	bm.b	bc	*			
Nairn ... ..		30.29	61	SSE	2	b	30.35	-	45	-9	-	0	bc	1	-	68	38	b	qb	bc	12.0			
Aberdeen ... ..		30.37	56	E	3	bc	30.38	+01	55	-1	E	3	c	3	-	63	50	bc.b	b.b.c	bc	9.4			
Leith ... ..		30.29	56	ESE	3	b	30.30	00	55	+1	ESE	2	c	*	-	63	52	o	c.b.c	b	*			
North Shields ... ..		30.26	57	ESE	2	o	30.29	+01	56	0	NE	2	c	3	-	60	55	c	o	c	1.8			
Spurn Head ... ..		30.16	59	E	5	o	30.16	00	58	0	ESE	4	cpd	4	0.03	61	54	cd	c	c.b.c	0.0			
Yarmouth ... ..		30.13	62	ESE	5	c	30.12	00	60	0	ESE	5	o	4	-	66	60	bc	c	o	4.3			
Clacton-on-Sea ... ..		30.08	63	NE	4	c	30.06	00	62	0	NE	4	o	3	-	66	60	c	cm	c.o	2.1			
Nottingham ... ..		30.13	62	ESE	4	c	30.14	-	57	0	NE	3	o	*	0.01	66	56	dm.o	o.c	c.o	1.8			
Bath ... ..		30.05	60	E	-	o	30.07	-	59	-1	E	3	r	*	1.28	65	58	ag	ry.b	or	0.0			
London (Kew Obsy.) ...		30.07	64	ESE	3	o	30.07	00	61	+1	NE	3	om	*	-	66	60	om	o.c	om	0.7			
Spitzbergen ... ..		29.86	34	SE	5	o	29.71	+02	34	-1	N	2	r	*	?	36	32							
Isafjord ... ..		30.21	63	-	0	b	30.31	00	50	-4	-	0	c	*	*	*	*							
Reykjavik ... ..		30.28	57	SE	3	c	30.29	-01	51	-1	SE	3	c	*	*	*	*							
Vestmanna ... ..		30.25	50	E	1	o	30.30	+02	47	-1	SE	8	c	*	*	*	*							
Seydisfjord ... ..		30.28	63	E	1	b	30.35	+03	47	-14	-	0	b	*	*	*	*							
Thorshavn ... ..		30.42	54	-	0	c	30.44	+01	50	+1	NE	1	m	*	*	*	*							
Haparanda ... ..		30.41	48	W	2	b	30.28	-01	55	+10	W	4	b	*	-	57	43							
Hernösand ... ..		30.45	44	-	0	b	30.37	-02	46	0	-	0	b	*	-	55	36							
Stockholm ... ..		30.38	49	NNE	2	b	30.34	-01	51	-3	NNW	2	b	*	-	59	43							
Wisby ... ..		30.29	50	NE	4	b	30.27	+01	58	+5	NE	4	b	*	-	59	45							
Karlstad ... ..		30.37	51	-	0	b	30.39	00	47	-1	E	2	b	*	-	61	41							
Færder (K'lania Fjord)		30.40	60	E	2	b	30.39	00	53	+2	NE	2	b	1	-	60	50							
Bodö ... ..		30.42	46	-	0	b	30.36	-	47	+3	NE	1	bc	1	-	50	41							
Christiansund ... ..		30.46	52	-	0	o	30.42	00	50	-1	SW	1	o	2	-	52	48							
Skudesnaes ... ..		30.38	57	M	6	b	30.39	00	54	-2	-	0	b	1	-	63	46							
The Scaw (Skagen) ...		30.35	59	E	4	b	30.36	00	57	+3	ESE	2	b	0	-	63	54							
Blaavands Huk ... ..		30.28	55	E	1	bc	30.28	+01	51	-1	ESE	1	b	1	-	64	43							
Cuxhaven ... ..		30.20	58	NE	3	o	30.17	00	59	+1	ESE	4	b	1	-	61	57							
The Helder ... ..		30.16	61	ESE	4	o	30.13	00	61	-1	ESE	5	o	2	-	64	59							
Brussels ... ..		30.03	66	NE	3	o	30.00	00	57	+2	ESE	3	o	*	?	68	55							
Berlin ... ..		30.12	61	W	1	o	30.10	00	61	+1	N	1	o	*	-	64	59							
Frankfurt ... ..		30.05	63	NE	1	c	30.02	00	59	0	NE	1	o	*	0.12	72	59							
Munich ... ..		30.02	62	E	2	bc	30.00	-01	60	+1	N	1	c	*	0.20	73	57							
C. Gris Nez ... ..		30.01	63	NE	4	c	30.02	+02	59	+1	NE	4	o	3	trace	66	58							
La Hève ... ..		30.00	64	NNE	1	m	30.03	-	63	0	NNW	3	m	2	-	73	59							
Brest (St. Mathieu) ...		29.95	64	S	3	bc	30.06	+01	60	+1	WSW	3	m	3	0.20	77	59							
Lorient (Boe Molen) ...		?	66	SSW	3	c	?	-	63	0	WSW	4	o	3	-	73	55							
Rochefort (Ile d' Aix)		30.05	64	NNW	2	o	30.10	+02	65	0	W	3	c	*	0.07	68	63							
Biarritz ... ..		30.05	68	NNW	2	c	30.16	+01	64	-3	WSW	3	r	2	0.35	72	63							
Paris ... ..		29.97	69	WSW	1	o	30.00	+02	63	0	W	2	o	*	0.59	75	63							
Belfort ... ..		30.00	66	?	6	o	30.03	-	59	0	WSW	4	r	*	0.43	73	59							
Lyons ... ..		2><																						

GALES.  
Duration and Extreme Force  
on British Coasts.

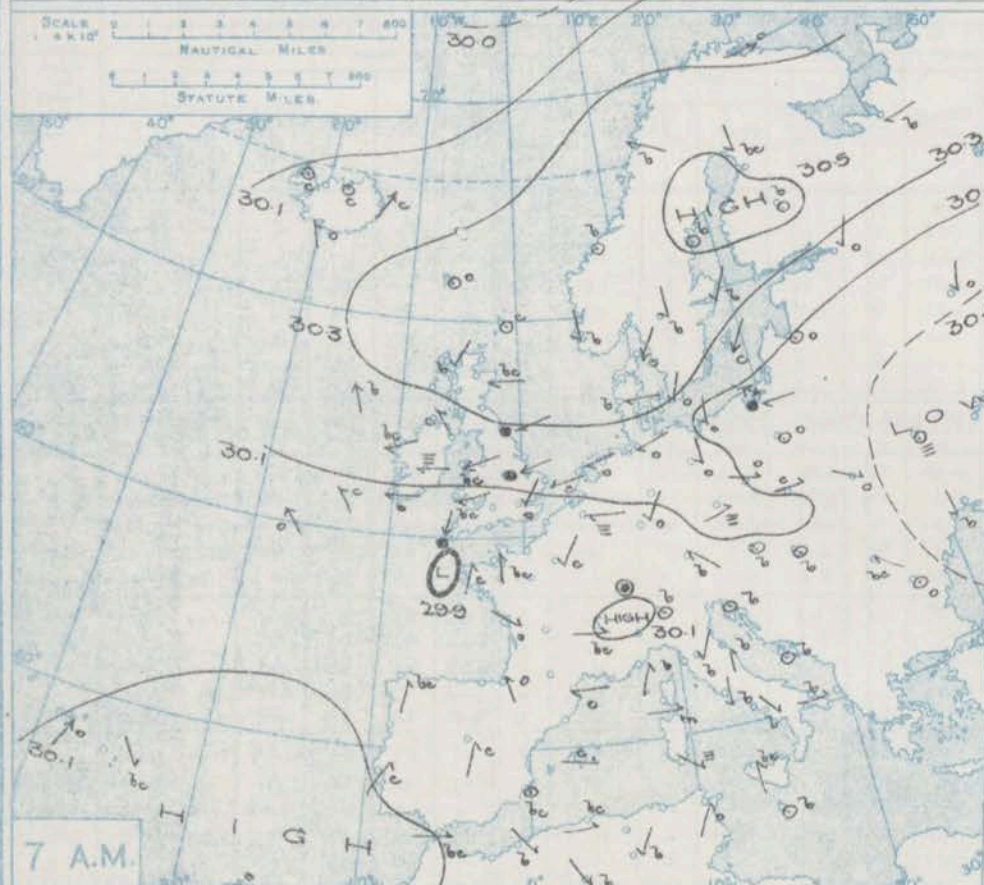
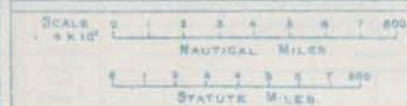
Tide rising yesterday at 6.30 pm.

\* Information for these columns not usually received.

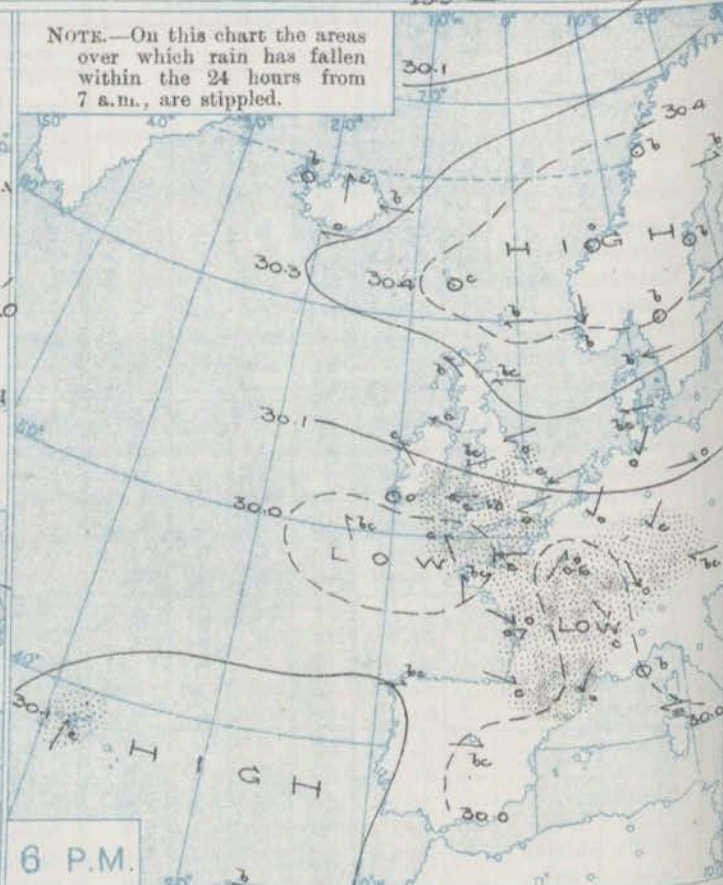
† Received too late for insertion in Charts.



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



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



## GENERAL INFERENCE

Shallow depressions over the Channel and the northeast of France will occasion a continuance of changeable, showery weather in the English and Irish

## WEATHER PROSPECTS.

districts, with thunder in places. Over Scotland the weather will remain for the present under the influence of the northern anticyclone.

## FORECASTS FOR THE 24 HOURS NOON FRIDAY

## TO NOON SATURDAY.

0 { E. and S.E. winds, light; fair; cool

1 { E. winds, light; fair generally, but slight showers locally; rather cool

2 { E. and N.E. winds, moderate; cloudy, some showers, thunder locally cool, but close.

3

4 { light N.E. to variable breezes; cloudy, some showers, thunder locally; air rather close.

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 { Same as Nos. 0.

7 { Same as Nos. 2 and 3.

8 { Same as Nos. 4 and 5.

9 { E. winds, light or moderate; cloudy, some showers, thunder locally; cool, but close.

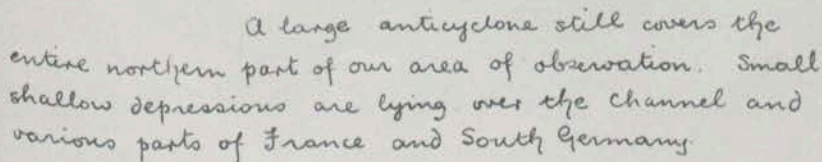
10 {

11 WESTERN CHANNEL AND BAY light variable breezes month channel, S.W. to W. winds further south; sea slight; cloudy, local thunder showers; normal temperature.

## THE FURTHER OUTLOOK.



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



The wind is light to moderate from the E.<sup>wd</sup> or N.E.<sup>wd</sup> over the United Kingdom, the North Sea, Denmark and the south of Sweden, but has shifted to the W.<sup>wd</sup> in France. Temperature has changed little and irregularly. Over the United Kingdom the morning readings range from a trifle above

60° in the south of England to 50° and less over Central Scotland, and to 45° at Obain. The Continental values range from 69° at Perpignan and 68° at Nice to 50° and less over the northern and central parts of Scandinavia. The weather is fine in Scotland and the northern parts of the Continent, as well as in the south of France. Elsewhere the sky is cloudy or overcast, with rain in several isolated parts of England, Ireland and France. The sea is moderate or slight generally, but rather rough at Donaghadee.



# DAILY WEATHER REPORT.

Friday, 5th September, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
5th, 7 a.m.	50	17	Olympic	O	30.09	+0.2	W	1-3	bc	4th, 7 a.m.	56	14	Graham	H	30.16	-0.1	SE	4-5	bc
4th, 6 p.m.	50	13	bedre	H	30.05	0.0	SE	1-3	bc	..	51	14	Lacoma	O	30.05	-0.6	SE	1-3	c
.. 7 a.m.	45	17		H	30.00	+0.2	SE	4-5	o										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.			Hr.	Margate	In.	F.	F.			Hr.
Oban	-	67	50	b	bc	7.9	Ramsgate	-	66	60	b	o	1.8
Stonehaven	-	63	50	bc	cg	9.2	Folkestone	-	69	60	z-bc	bc	2.0
Carnoustie	-	61	49	-	-	7.8	Hythe	-	65	59	z-bc	bc	1.0
St. Andrews	-	60	53	bc	bc	6.9	Littlestone	-	-	-	-	-	0.5
England, N.E.							Hastings	-	66	59	o	o-bc.c	0.7
Harrogate	0.05	61	52	o	c-op	0.1	Bexhill-on-Sea	-	66	59	o	o.c	0.6
Scarborough	-	62	53	o	o	1.3	Eastbourne	-	66	60	o.c	bc	0.9
England, N.W.							Seaford	-	68	60	o	c	3.0
Douglas	-	63	55	bcg	gg	4.5	Brighton	-	70	59	o.c	c-bc.c	3.0
Blackpool	-	67	54	c-wog	c	4.0	Worthing	-	68	60	o.c-bc	bc	1.0
Southport	-	65	53	a-bc.c	c-bc.o	2.2	Littlehampton	-	-	-	-	-	1.2
Mid-lands.							Southsea	-	68	57	o.c-b	o	0.0
Buxton	0.02	61	52	crom	bc	2.6	Ryde	-	66	62	c	c	0.5
Leamington Spa	-	67	54	o	c-b	0.8	Ventnor	-	70	59	-	-	1.0
Malvern	-	-	-	-	-	1.1	Bournemouth	0.01	66	56	o	o	0.0
Wales.							Weymouth	0.01	64	59	cb	o	0.0
Rhyl	-	66	56	bc.o	o.c	2.4	Exmouth	0.15	63	56	op	cgr	0.0
Colwyn Bay	-	67	54	bc.b	b	4.5	Teignmouth	0.09	64	61	or	or.o	0.0
Llandudno	-	66	56	c-b	o	2.9	Torquay	0.11	63	61	or.o	o	0.0
Bettws-y-Coed	-	61	58	b-bc	o	0.5	Paignton	0.10	63	56	or	o	0.0
Aberystwyth	-	66	58	o.c	c-b.o	1.5	Falmouth	0.54	63	57	o	o	0.5
Tenby	-	63	61	o.c	o-or	0.0	Bude	0.46	66	59	to-bc	bc	4.4
England, E.							Ilfracombe	0.02	64	54	op.o	o	0.0
Lowestoft	-	64	58	c-bc.c	c	5.2	Weston-super-Mare	0.15	63	53	c	t.o	0.0
Felixstowe	-	65	60	m-o.c	bc.m.o	3.6							
Walton-on-Naze	-	64	60	c-bc	cugm	1.8							
Southend-on-Sea	-	66	60	bc	bc	2.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	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.	
			Max.	Min.						
			24 HOURS ENDED 9 A.M. TO-DAY.							
	%	%	F.	F.	F.	In.				Hr.
Greenwich (Royal Obs.) ...	75	82	68	60	55	-	0	0.c	0-c	0.9
City (Bunkill Row) ...	*	*	*	*	*	*	*	*	*	0.3
Westminster (St. James's Pk.)	88	94	67	61	59	-	0.	0.bc	bc 0	0.9
Camden Sq. (Brit. Rainfall)	72	82	72	60	58	-	0.c	c bc 0	0	1.4
Hampstead (Reservoir) ...	*	83	66	58	53	-	bc	c 0	c 0	2.0
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.)	83	90	636.6 Joules.		13.2 Milliwatts.		60 Milliwatts.		0.8	

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	in.	F.°	F.°	F.°				Hr.
Plymouth to 9 p.m.	0.60	61	52	48	bm.o	ogq	og	2.8
Darwen	-	66	59	58	c.b.	or	c.b.	3.6
Manchester	"	63	53	47	bc.au	ou.b.	bc	
Birmingham	0.02	66	54	52	r	o	c	0.7
Oxford to 8 p.m.	"	67	58	56	em.o	o	o	"
S. Kensington (Museum Grounds to 6 p.m.)	-	67	60	58	o-odp	o.c	c.og	"

## NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 65° and upwards in many parts of the United Kingdom, to 70° at Brighton and Ventnor and to 72° at Jersey. The amount of bright sunshine was generally very small. Slight rain was experienced locally in the east and south-east of England, and thunderstorms occurred over our south-western districts, the rainfall at Bath amounting to as much as 1.3 in. Wireless reports show that so far west as the 17th meridian ships experienced light to fresh breezes from the South-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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday,  
6th September, 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.	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.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	
		In.	F.				In.	In.	F.							In.	F.	F.			Hours	
BRITISH ISLANDS.	Lerwick ... ..	30.50	53	NE	2	c	30.53	00	52	+1	NNW	3	0	2	57	50	c	c	op. o.	*		
	Stornoway ... ..	30.38	60	ESE	2	b	30.50	+03	52	-1	SE	3	b	3	64	46	b	b	b	11.9		
	Castlebay (Barra Isd.)	30.25	60	NW	2	b	30.47	+02	54	-1	E	1	b	1	62	50	bc	bc b.	b	11.0		
	Glasgow ... ..	30.36	56	NE	3	b	30.46	+03	51	0	ENE	2	bc	*	62	49	cbcc	cbcc	bcc	9.7		
	Malin Head ... ..	30.29	58	E	3	bcy.	30.41	+04	54	-1	ESE	4	bcy.	3	60	52	bcm	bcm	bcm	*		
	Blacksod Point ... ..	30.23	64	ESE	2	b	30.36	+03	58	+8	SE	2	c	2	67	51	bcm	bz	bzcm	*		
	Valencia ... ..	30.18	64	-	0	cy.	30.31	+04	55	-4	NE	1	cy.	2	68	52	cy	cy	cy	0.6		
	Roche's Point ... ..	30.19	60	ENE	3	om	30.31	-	58	-2	ENE	2	bc	2	62	57	om	om	double	*		
	Birr Castle ... ..	30.21	58	E	3	m	30.34	-	56	-1	E	2	c	*	63	52	of c	cy	c	0.8		
	Donaghadee ... ..	30.28	58	NNW	2	0	30.41	+03	58	+3	ENE	2	bc	2	61	51	c	c	bc b.	*		
SCANDINAVIA.	Liverpool Obsy. ...	30.21	61	ENE	3	0	30.37	+04	55	-1	ENE	2	bc	2	65	53	oc	c. o.	om b	0.3		
	Holyhead ... ..	30.23	63	ENE	3	bcm	30.35	+04	57	-1	ENE	3	cy	3	63	55	bc b m	cb b m	bcm	3.3		
	Pembroke (St. Ann's Hd.)	30.13	60	E	2	c	30.25	+05	57	-2	E	5	c	3	62	56	og	or	cm	0.0		
	Nowquay ... ..	30.08	62	ENE	2	0	30.19	+05	59	-2	NE	3	p	2	63	58	o	thr. o.	op	0.0		
	Scilly (St. Mary's) ...	30.07	60	NNE	3	cm.	30.17	+04	59	0	ENE	3	cmp	3	66	58	fa	f	cmp	0.3		
	Jersey (St. Aubin) ...	30.09	66	WSW	3	cm.	30.16	-	63	+1	WNW	2	bm	1	71	58	om b m	bcm	og b	4.1		
	Portland Bill ... ..	30.08	61	ENE	4	r	30.19	+05	58	-4	NE	5	0	4	63	58	or	opd	or	*		
	Dungeness ... ..	30.09	61	ENE	4	r	30.16	+02	62	+1	NNE	4	0	3	63	60	or. o	or	or. o	*		
	Dover ... ..	30.09	60	NNE	3	r	30.16	-	61	+1	NNE	5	0	5	61	58	op. r.	op. r.	or. o.	0.0		
	GERMANY, &c.	Wick ... ..	30.47	54	E	2	b	30.54	+02	53	-1	NE	2	0	3	57	50	bc	bc b.	c. o.	*	
Nairn ... ..		30.40	57	E	3	bc	30.50	-	46	+1	-	0	0	1	65	39	bc	b. bc	zo	6.4		
Aberdeen ... ..		30.43	55	NE	3	c	30.51	+02	53	-2	NNE	2	0	2	62	52	c. b	b. bc	c. o.	8.2		
Leith ... ..		30.36	56	NE	2	b	30.45	+04	55	0	NE	4	og	*	60	54	o	bc b.	c	*		
North Shields ... ..		30.33	58	NNE	2	0	30.42	+02	55	-1	NNE	2	c	3	65	54	c	o	c	3.8		
Spurn Head ... ..		30.23	59	ENE	4	c	30.28	+01	57	-1	NE	5	c	4	64	53	cpd	c. bc	bc	0.0		
Yarmouth ... ..		30.17	60	NE	5	0	30.25	+02	60	0	ENE	3	bc	3	62	59	o	o	o. bc	0.0		
Clacton-on-Sea ... ..		30.11	62	NNE	4	0	30.20	+02	60	-2	NNE	2	0	2	62	58	og	og	ogp	0.0		
Nottingham ... ..		30.20	58	E	4	r	30.32	-	53	-4	NE	4	b	*	63	51	o. cpd	or. d	r. d. c	0.2		
Bath ... ..		30.13	61	E	-	r	30.27	-	57	-2	E	3	0	*	65	56	r	gp.	pg	0.0		
FRANCE.	London (Kew Obsy.) ...	30.13	60	NE	2	om.	30.24	+03	58	-3	NNE	3	om	*	64	57	om	om m.	om d.	0.0		
	Spitzbergen ... ..	29.42	34	NE	5	c	30.08	+01	36	-4	-	0	c	*	37	28						
	Isafjord ... ..	30.23	57	E	2	c	30.07	-05	60	+10	S	4	c	*								
	Reykjavik ... ..	30.25	56	SE	8	bc	30.08	-07	53	+2	SE	9	r	*								
	Vestmanna ... ..	30.31	50	SE	7	c	30.17	-02	49	+2	ESE	5	f	1								
	Seydisfjord ... ..	30.25	67	-	0	b.	30.28	-01	52	+5	SW	3	bc	*								
	Thorshavn ... ..	30.50	57	-	0	c	30.55	+01	51	+1	-	0	0	*								
	Haparanda ... ..	30.13	44	NW	2	b	30.23	+01	48	-7	NNW	4	b	*	57	37						
	Hernösand ... ..	30.30	50	-	0	b	30.35	+02	54	+8	NW	2	b	*	66	45						
	Stockholm ... ..	30.31	52	-	0	b	30.32	+01	51	0	N	2	b	*	59	43						
PORTUGAL, &c.	Wisby ... ..	30.28	51	NE	2	b	30.34	+01	56	-2	N	4	b	*	72	43						
	Karlstad ... ..	30.34	48	-	0	b	30.40	+02	50	+3	-	0	b	*	59	41						
	Färder (X'ania Fjord)	30.36	59	W	1	b	30.42	+03	53	0	NE	5	b	2	59	52						
	Bodö ... ..	30.33	49	SW	5	r	30.44	+03	47	0	SW	4	bc	2	50	46						
	Christiansund ... ..	30.48	50	N	1	c	30.52	+02	48	-2	SE	1	b	2	54	45						
	Skudesnaes ... ..	30.39	54	N	4	b	30.45	00	53	-1	N	1	b	2	54	46						
	The Scaw (Skagen) ...	30.33	58	NNE	3	b	30.38	+02	58	+1	NE	1	b	0	63	54						
	Blaavands Huk ... ..	30.29	51	ENE	2	b	30.36	+03	49	-2	NE	1	b	0	64	43						
	Cuxhaven ... ..	30.19	60	ENE	4	b	30.27	+02	57	-2	ENE	4	b	2	64	55						
	The Helder ... ..	30.16	62	NE	5	0	30.26	+04	60	-1	NE	4	c	2	63	59						
SPAIN.	Brussels ... ..	30.06	63	NE	3	0	30.13	+02	57	0	NE	3	0	*	73	54						
	Berlin ... ..	30.13	65	NE	3	c	30.20	+04	59	-2	N	3	0	*	68	59						
	Frankfurt ... ..	30.02	61	NE	2	0	30.07	+04	60	+1	NE	1	r	*	64	59						
	Munich ... ..	30.04	60	SW	1	0	30.08	+01	57	-3	W	3	r	*	64	57						
	C. Gris Nez ... ..	30.08	62	NE	4	r	30.14	+02	62	+3	NE	4	r	4	63	59						
	La Hève ... ..	30.10	63	WNW	2	c	30.15	-	62	-1	NNW	2	m	1	72	59						
	Brest (St. Mathieu) ...	30.13	63	WSW	3	m	30.13	+01	59	-1	NE	1	m	3	68	59						
	Lorient (Beo Melen) ...	?	64	W	4	c	?	-	61	-2	N	1	r	1	70	57						
	Rochefort (Ile d' Aix)	30.15	66	W	3	0	30.13	-01	62	-3	ESE	2	m	*	73	51						
	Biarritz ... ..	30.18	70	NNW	2	b	30.05	-04	61	-3	E	3	b	1	73	59						
PORTUGAL, &c.	Paris ... ..	30.06	66	NE	1	0	30.13	+02	61	-2	-	0	0	*	74	57						
	Belfort ... ..	30.08	61	W	4	0	30.15	-	59	0	WSW	6	0	*	72	56						
	Lyons ... ..	30.13	66	ESE	1	0	30.15	-	61	-1	N	1	b	*	82	61						
	Nice ... ..	29.89	75	E	1	b	29.98	+01	72	+4	-	0	b	1	82	61						
	Perpignan ... ..	30.11	75	NW	3	c	30.09	-01	68	-1	SW	2	c	*	81	66						
	Sanguinaire ... ..	30.03	72	W	3	c	30.01	-	71	-3	E	2	m	3								
	Corunna (S. a.m.) ... ..	30.20	64	WNW	3	c	30.15	00	62	+5	SW	3	bc	3	66	57						
	Lisbon (S. a.m.) ... ..	30.16	65	NNW	5	b	30.12	+01	68	+2	NNE	4	b	2	77	63						
	Gibraltar ... ..	30.10	69	-	0	b	30.10	-	61	-5	E	2	bcw	1	85	60						
	Azores (Horta S. a.m.)	30.26	70	-	0	bc	30.28	+02	68	-4	-	0	f	0	81	68						
Madeira (Funchal) ...	30.20	69	NE	2	b	30.15	-01	73	+1	NE	2	b	2	79	64							

GALES.  
Duration and Extreme Force  
on British Coasts.

\* Information for these columns not usually received.

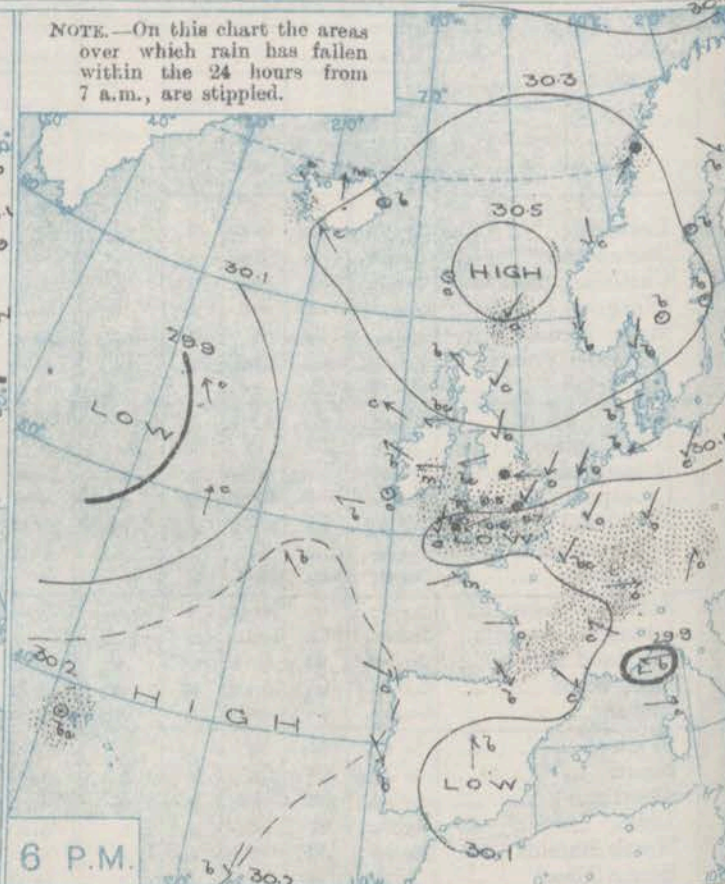
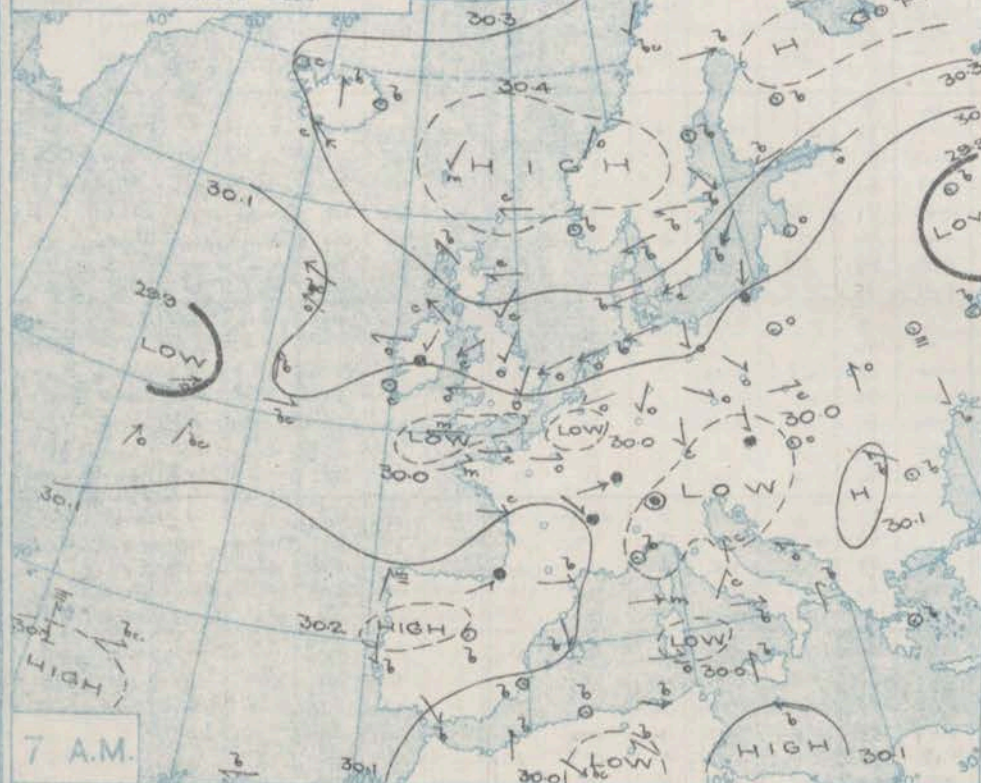
† Received too late for insertion in Charts.



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



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 northern anticyclone will continue to extend slowly southwards, and a gradual improvement in the weather is therefore likely to take place over England. Temperature

will remain for the present below the normal.

## FORECASTS FOR THE 24 HOURS NOON SATURDAY

## TO NOON SUNDAY.

- 0 { a } Light Easterly to South Easterly winds; fair; cool.  
b }
- 1 { a } Light North Easterly to Easterly winds; fair; cool.  
b }
- 2 { a } North Easterly winds, moderate.  
b } come showers at first, improving later; remaining cool.
- 3 { a }  
b }
- 4 { a }  
b }
- 5 { a }  
b }



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

NO WARNINGS ISSUED.

- 6 { a } Same as No. 0.  
b }
- 7 { a } Same as Nos. 1 and 2.  
b }
- 8 { a } Same as Nos. 3 to 5.  
b }
- 9 { a } Same as No. 0.  
b }
- 10 { a }  
b }

## THE FURTHER OUTLOOK.

Nos. 0. 1. 6. 7. 9+10.

Fair weather is likely to continue.

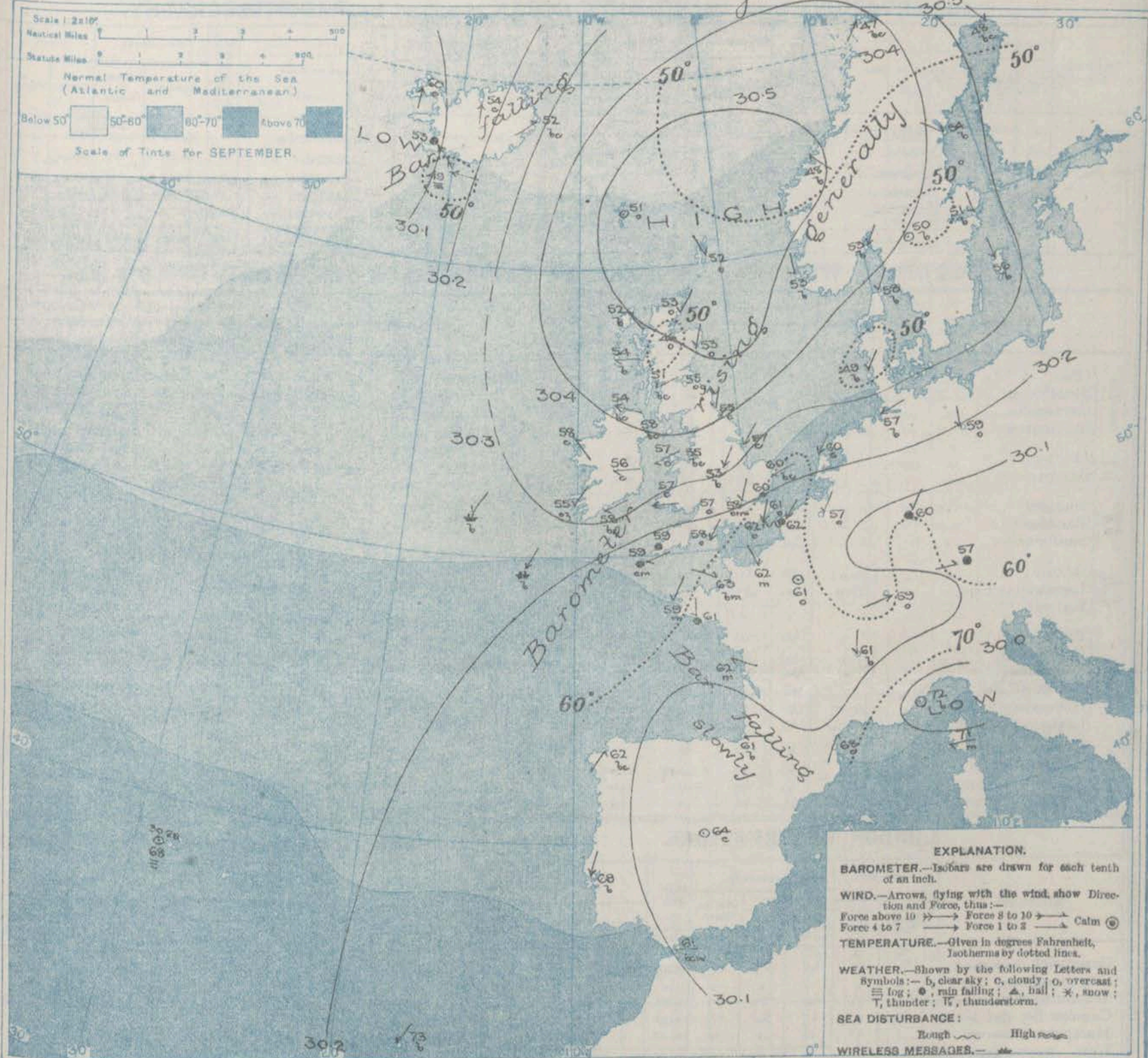
Nos. 2. 3. 4. 5+8.

Conditions are likely to improve.

11 WESTERN COAST AND BAY. Moderate Easterly winds, and a moderate sea; cool, cloudy, occasional showers.



# SYNOPTIC CHART FOR 7 A.M. Saturday, 6<sup>th</sup> SEPTEMBER 1913.



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

The anticyclone recently noticed in the north is increasing in intensity, and is apparently spreading southwards. The barometer is consequently rising over nearly the whole of Western Europe, but is falling slightly in the south west of France.

The wind remains Easterly or North Easterly over the whole of the United Kingdom and the North Sea, and blows freshly on some of the more exposed parts of our south and east coasts. Temperature has changed rather irregularly, but has fallen a little in most

places. Over the United Kingdom the readings range from 60° or a trifle above it on our east and south east coasts to a little below 50° over Central Scotland. In the north of Iceland the thermometer ranges between 52° and 60°. The weather is fine at many of our own northern and central stations, as well as over the northern parts of the Continent. Elsewhere the sky remains cloudy, with showers in the south west of England, and steady rain at Lorient and in South Germany.



## DAILY WEATHER REPORT.

Saturday, 6th September, 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, 7 a.m.	51	15	<i>Belle</i>	O	30.24	+11	NE	(0-12) 1-3	b	5th, 7 a.m.	46	27	<i>Minnetonka</i>	H	30.03	+05	SW	(0-12) 4-5	o
" "	49	12	<i>Majestic</i>	H	30.25	-00	NE	4-5	b	" "	50	26	<i>Loconia</i>	O	29.89	-02	WSW	6-7	o
5th, 6 p.m.	54	25	<i>Californian</i>	H	29.92	+03	SSE	4-5	o	" 6 p.m.	56	23	<i>Junonian</i>	O	30.02	-00	SSE	4-5	o
" "	50	23	<i>Olympic</i>	O	30.01	?	S	4-5	c	" 7 a.m.	47	23	<i>Majestic</i>	H	30.06	+05	SW	1-3	b
" "	52	14	<i>Transman</i>	H	?	+03	E	1-3	b	" "	52	18	<i>Transman</i>	H	30.14	+05	S	1-3	b
" "	48	17	<i>Majestic</i>	H	30.22	+02	SE	1-3	b	" "	56	17	<i>Junonian</i>	O	30.06	-03	SE	4-5	o
" "	55	11	<i>Laurentic</i>	H	30.23	+03	ESE	4-5	c	" "	56	17	<i>Laurentic</i>	H	30.01	+03	ESE	4-5	o

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	{ Oban ... ..	In.	F.	F.	b	b	10.5	{ Margate ... ..	In.	F.	F.	o	r	0.0	
	{ Stonehaven ... ..	-	66	52	bc	cg	8.2		{ Ramsgate ... ..	0.67	62	59	o	r	0.0
	{ Carnoustie ... ..	-	61	52	bc	cg	7.0		{ Folkestone ... ..	0.33	69	58	o	p.o.	0.0
	{ St. Andrews ... ..	-	61	48	bc	bc	5.7		{ Hythe ... ..	0.13	61	60	o	p.o.	0.0
Eng. N.E.	{ Harrogate ... ..	0.17	60	51	op	op	0.0	{ Littlestone ... ..	-	-	-	-	-	0.0	
	{ Scarborough ... ..	-	62	55	o.c	o.c	1.0		{ Hastings ... ..	0.78	62	58	ot	ot	0.0
England, N.W.	{ Douglas ... ..	-	63	55	cg	cg	2.5	{ Bexhill-on-Sea ... ..	0.76	61	59	r	r	0.0	
	{ Blackpool ... ..	-	65	54	c	c	0.6		{ Eastbourne ... ..	0.87	64	59	od	o.c.o.	0.0
	{ Southport ... ..	-	64	54	o	o.bc	0.5		{ Seaford ... ..	0.16	63	59	r	o	0.0
									{ Brighton ... ..	0.61	65	59	ot.o.	o	0.0
Mid- lands.	{ Buxton ... ..	0.02	58	51	bc.m	bc.c.	0.0	{ Worthing ... ..	1.71	63	59	7.0	o	0.0	
	{ Leamington Spa ... ..	0.01	64	57	o	o	0.0		{ Littlehampton ... ..	1.36	-	-	-	-	0.0
	{ Malvern ... ..	-	-	-	-	-	0.0		{ Southsea ... ..	1.36	63	60	r	r	0.0
Wales.	{ Rhyl ... ..	-	66	56	c.o	o	1.0	{ Ryde ... ..	1.28	62	60	ot	ot	0.0	
	{ Colwyn Bay ... ..	-	64	55	bc	bc.o.bc	0.2		{ Ventnor ... ..	0.12	66	59	-	-	0.0
	{ Llandudno ... ..	-	64	56	o	o	0.3		{ Bournemouth ... ..	0.87	61	58	ro	7.0	0.0
	{ Bettws-y-Coed ... ..	-	65	54	-	-	0.5		{ Weymouth ... ..	0.97	63	59	r	r	0.0
England, E.	{ Aberystwyth ... ..	0.17	65	58	r.o.	o.c.o.	0.0	{ Exmouth ... ..	0.04	65	58	cg	gdr	0.0	
	{ Tonby ... ..	0.16	62	53	r	c.p.	0.1		{ Teignmouth ... ..	0.30	63	60	o	o.ot	0.0
	{ Lowestoft ... ..	-	61	59	op	o	0.0		{ Torquay ... ..	0.23	63	60	op	op	0.0
England, S.W.	{ Felixstowe ... ..	-	63	60	m.o.c.oq	m.oq	0.1	{ Paignton ... ..	0.18	63	60	od.ro	ot	0.0	
	{ Walton-on-Naze ... ..	-	62	60	m.o.c	cg.m	0.0		{ Falmouth ... ..	0.20	67	59	7.0.c	c.otg	2.9
	{ Southend-on-Sea ... ..	0.10	66	61	o	op	0.0		{ Bude ... ..	0.18	65	59	ot.o	o	0.0
									{ Ilfracombe ... ..	0.03	62	59	o	op.o.	0.0
								{ Weston-super-Mare ... ..	0.75	62	57	r	o	0.0	

## 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.	
	p.m. Yesterday.	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.
%	%	F.	F.	F.	In.				Hr.	In.	F.	F.	F.				Hr.			
Greenwich (Royal Obsy.) ...	96	89	65	57	56	0.29	0	0.07	07	0.2	Dublin to 4 p.m.	In.	F.	F.	F.					
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	0.0	Plymouth to 9 p.m.	0.84	66	60	58	0.6	0.6	0	1.3	
Westminster (St. James's Pk.)	100	96	65	57	57	0.23	0	07	07.00	0.0	Darwen	-	61	52	49	0.6cu	ou	0.4		
Camden Sq. (Brit. Rainfall)	89	92	67	56	57	0.23	0	0.07	07.0	0.4	Manchester	"	"	"	"	"	"	"		
Hampstead (Reservoir) ...	*	98	63	55	50	0.23	0	07	07.	0.2	Birmingham	0.04	64	55	54	-	0.0	07	0.3	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									Oxford to 8 p.m.	"	63	59	58	0	0	0.07	*
			Total.		Mean Rate.		Max. Rate.				S. Kensington									
			333.6 Joules.		6.9 Milliwatts.		2.9 Milliwatts.				(Museum Grounds to 6 p.m.)	0.23	64	60	58	0	0.07	07	*	
S. Kensington (Roof of M.O.)	96	97									0.0									

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

6th & 7th Sept. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 5.12 S.M.T. 5.14	G.M.T. 11.51 S.M.T. 11.51	G.M.T. 6.30 S.M.T. 6.28
Greenwich	5.21 5.23	11.58 11.58	6.35 6.33
Wick	5.23 5.26	12.10 12.10	6.57 6.54
Valencia	6.1 6.3	12.39 12.39	7.17 7.15

During yesterday the thermometer rose to 65° or slightly above it in several parts of the United Kingdom, and reached 71° at Jersey. Little or no bright sunshine was recorded over England and Ireland, but in the north and west of Scotland the duration was large. Heavy rain was experienced in the south of England, and thunderstorms occurred in Cornwall. Wireless reports show that as far west as the 18th meridian the wind was light to moderate from the South-Eastward, and the weather fair; further to the westward fresh to strong South-Westerly breezes were experienced, with an overcast sky.

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.



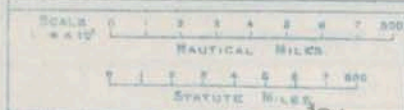
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
7th September, 1913.

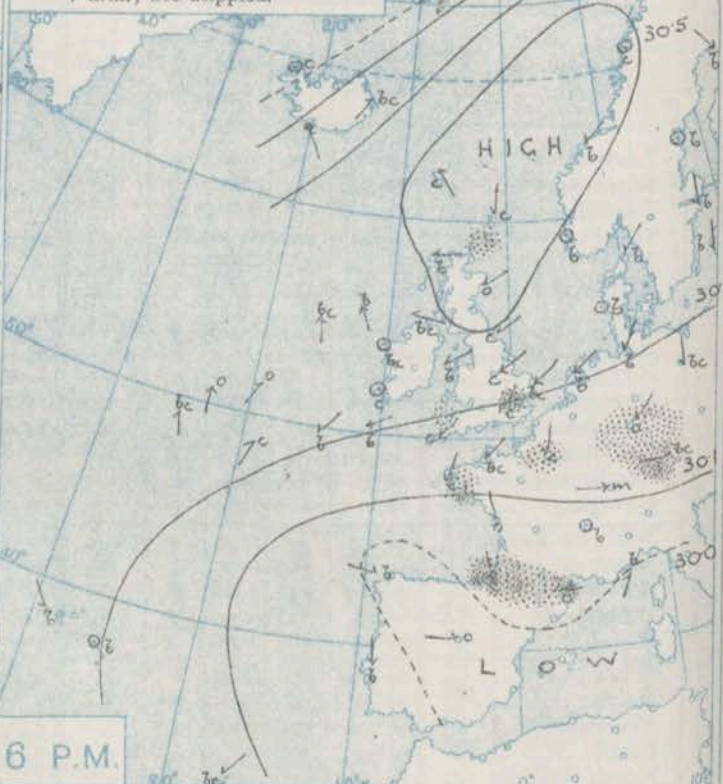
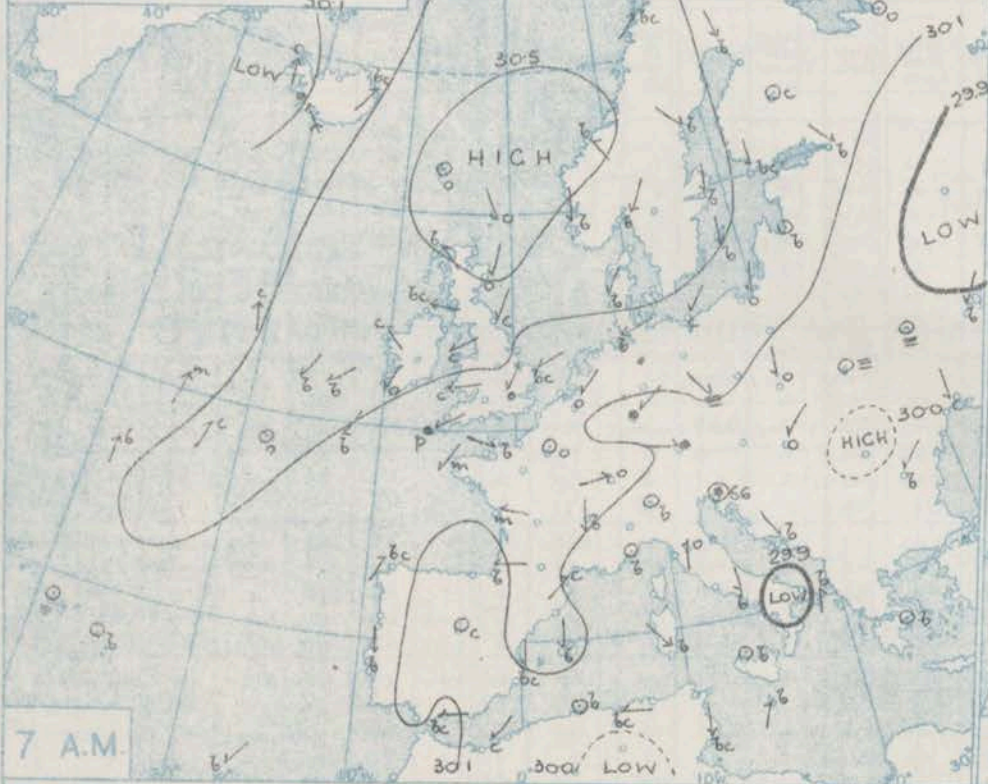
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.							
	BAROM.			TEMP.			WIND.			Force (0 to 12).	Weather.	BAROMETER.			TEMP.			WIND.			Force (0 to 12).	Weather.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.		
	At 29° Fahr. and M.S.L. Lat. 46°.		Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 35° 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'o. 1 p.m. to 6 p.m.						Night. 6 p.m. to 7 a.m.				
	In.	F.					In.	F.																						
BRITISH ISLANDS.																														
Lerwick ... ..	30.54	54	NNE	3	c	30.49	-0.2	52	0	ENE	1	0	1	55	51	c.b.c.	c	b.c.m.												
Stornoway ... ..	30.52	55	E	2	b	30.49	-0.1	44	-8		0	b	0	61	38	b.v.	b	b.	12.2											
Castlebay (Barra Isd.)	30.49	57	NE	2	b	30.49	-0.1	54	0	SSE	3	b.c.	3	60	52	b	b	b.c.	11.5											
Glasgow ... ..	30.51	55	ENE	2	c	30.55	-0.1	40	-11	ESE	1	b	0	58	39	c.b.c.	0	c.b.c.	2.5											
Malin Head ... ..	30.45	57	ESE	2	b.c.m.	30.47	-0.1	50	-4	SSE	2	b.c.	1	60	48	b.c.m.	b.c.m.	b.c.m.												
Blackod Point ... ..	30.42	66	-	0	b.c.	30.45	+0.1	57	-1	SSW	1	b	1	69	49	b.c.	b.c.	b.c.												
Valencia ... ..	30.39	64	-	0	c	30.45	+0.1	51	-4		0	b.c.	2	68	50	c	c	b.c.	3.5											
Roche's Point ... ..	30.40	61	E	3	c	30.44	0	52	-6	N	2	b	2	67	51	b.c.	b.c.	b.c.												
Birr Castle ... ..	30.40	63	E	2	b.c.	30.46	0	44	-12	SW	1	m	0	67	42	c	b.c.	b.c.	8.4											
Donaghadee ... ..	30.46	58	NNE	2	c	30.51	-0.1	54	-4	E	3	c	3	63	53	b.c.	c	c												
Liverpool Obsy. ... ..	30.39	60	ENE	3	b	30.48	+0.1	52	-3	ENE	2	b	3	66	50	b.c.	b.c.	b.c.	8.4											
Holyhead ... ..	30.39	59	ENE	3	b.c.m.	30.46	+0.2	55	-2	ENE	3	b.c.m.	3	64	50	b.c.m.	b.c.m.	b.c.m.	9.2											
Pembroke (St. Ann's Hd.)	30.32	62	NE	3	c	30.43	+0.3	55	-2	E	3	c	3	67	55	c	b.c.	c	8.8											
Newquay ... ..	30.27	63	NNE	2	c	30.35	+0.3	59	0	NE	3	c	3	65	55	o.b.c.	c	c.b.	1.3											
Scilly (St. Mary's) ... ..	30.27	60	NE	4	c.m.	30.34	+0.2	59	0	ENE	2	c.m.	3	62	58	c.m.	c.m.	c.m.	0.0											
Jersey (St. Aubin) ... ..	30.19	66	NE	3	b.c.m.	30.25	0	60	-3	NE	5	og	4	69	60	c.m.	c.m.	c.m.	8.2											
Portland Bill ... ..	30.23	61	ENE	5	c	30.29	+0.1	55	-3	NE	6	b	4	64	55	c	c	b.c.												
Dungeness ... ..	30.22	62	MNE	5	c	30.26	+0.1	61	-1	ENE	5	b	4	65	59	or	c.c.	c.b.c.												
Dover ... ..	30.22	60	NE	5	c	30.24	0	60	-1	NNE	6	b.c.	6	64	58	o.b.c.	c	c.b.c.	0.4											
Wick ... ..	30.56	53	NE	1	c	30.51	-0.2	50	-3	-	0	c	2	57	48	o.b.c.	b.c.	o.b.c.												
Nairn ... ..	30.53	54	E	1	b.c.	30.50	0	38	-8	-	0	b	1	56	33	o	b.c.	b.c.	2.8											
Aberdeen ... ..	30.54	54	ENE	2	0	30.52	-0.1	49	-4	-	0	c	2	56	45	ov	ov	o.b.c.	0.0											
Leith ... ..	30.51	55	ENE	2	c	30.51	-0.1	47	-8	W	1	0	0	60	44	0	c	b.												
North Shields ... ..	30.51	57	NE	2	c	30.48	-0.1	51	-4	NW	2	0	3	63	50	c	c	0.	7.2											
Spurn Head ... ..	30.39	57	ENE	4	b.c.	30.40	-0.1	56	-1	NE	6	b.c.	5	63	52	c	b.c.	b.c.	1.7											
Yarmouth ... ..	30.33	61	NE	4	b.c.	30.36	-0.1	61	+1	NE	3	b.c.	3	64	53	b.c.	b.c.	b.c.	5.8											
Clacton-on-Sea ... ..	30.28	62	NE	5	b.c.	30.31	-0.1	58	-2	NE	3	b	2	64	55	0	c.b.c.	b.c.	0.5											
Nottingham ... ..	30.37	59	NE	5	c	30.43	0	53	0	NE	4	b	0	65	51	b.c.	c	c.b.	6.9											
Bath ... ..	30.30	66	ENE	-	c	30.38	0	54	-3	NE	2	b	0	69	49	o.c.	c	c.b.	0.9											
London (Kew Obsy.) ... ..	30.30	63	NE	3	c	30.35	+0.1	54	-4	N	3	0	0	66	52	0.	o.b.c.	c.b.c.	0.0											
ISLANDS, FAERIE, &c.																														
Spitzbergen ... ..	29.97	32	SE	1	0	29.92	-0.1	33	+3	-	0	0	0	33	27															
Isafjord ... ..	29.97	58	-	0	c	30.01	-0.1	47	-13	W	2	c	0																	
Reykjavik ... ..	30.07	53	-	0	0	30.18	+0.1	46	-7	S	2	b	0																	
Vestmanna ... ..	30.08	50	SE	3	r	30.09	+0.1	45	-4	SW	2	b	2																	
Seydisfjord ... ..	30.23	65	SW	2	b.c.	30.05	-0.1	56	+4	SW	3	c	0																	
Thorshavn ... ..	30.55	54	SE	2	c	30.42	-0.4	50	-1	S	2	c	0																	
SCANDINAVIA.																														
Haparanda ... ..	30.41	39	NW	4	b	30.38	-0.3	48	0	WSW	4	b.c.	0	57	30															
Hernösand ... ..	30.43	47	-	0	b	30.46	+0.1	49	-5	-	0	b	0	61	39															
Stockholm ... ..	30.38	51	N	2	b	30.40	+0.1	54	+3	NNW	2	b	0	61	45															
Wisby ... ..	30.34	54	N	2	b	30.35	+0.1	55	-1	N	4	b	0	61	43															
Karlstad ... ..	30.42	50	-	0	b	30.47	-0.1	49	-1	-	0	b	0	61	43															
Færder (X'tania Fjord)	30.53	46	-	0	c	30.51	-0.1	45	-2	SSW	2	0	1	50	45															
Bodö ... ..	30.52	51	NE	2	b	30.50	-0.1	49	+1	-	0	0	2	54	45															
Christiansund ... ..	30.49	54	-	0	b	30.46	-0.1	53	0	-	0	0	1	61	46															
Skudesnaes ... ..	30.42	60	NE	2	b	30.45	+0.1	59	+1	ENE	1	b	0	63	55															
The Scaw (Skagen) ... ..	30.40	53	-	0	b	30.45	+0.1	51	+2	-	0	b	0	68	45															
Blaavands Huk ... ..	30.34	58	NE	3	b	30.38	+0.2	56	-1	E	2	b	0	64	54															
Cuxhaven ... ..	30.19	62	ENE	3	0	30.20	+0.1	57	0	NE	3	c	0	69	54															
The Helder ... ..	30.28	60	N	3	b.c.	30.34	+0.2	56	-3	E	1	b	0	68	54															
Brussels ... ..	30.15	61	NE	1	0	30.19	+0.2	59	-1	NE	3	0	0	64	59															
Berlin ... ..	30.14	58	W	1	b.c.	30.15	-0.1	56	-1	E	4	0	0	64	54															
Frankfurt ... ..	30.22	62	NE	5	c	30.21	-0.1	61	-1	NE	6	b.c.	5	64	59															
Munich ... ..	30.20	64	NE	2	m	30.17	0	60	-2	NE	4	m	4	70	55															
C. Gris Nez ... ..	30.19																													



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



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 Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

North Cone hoisted this morning in Districts 2b, 3 and 5.

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

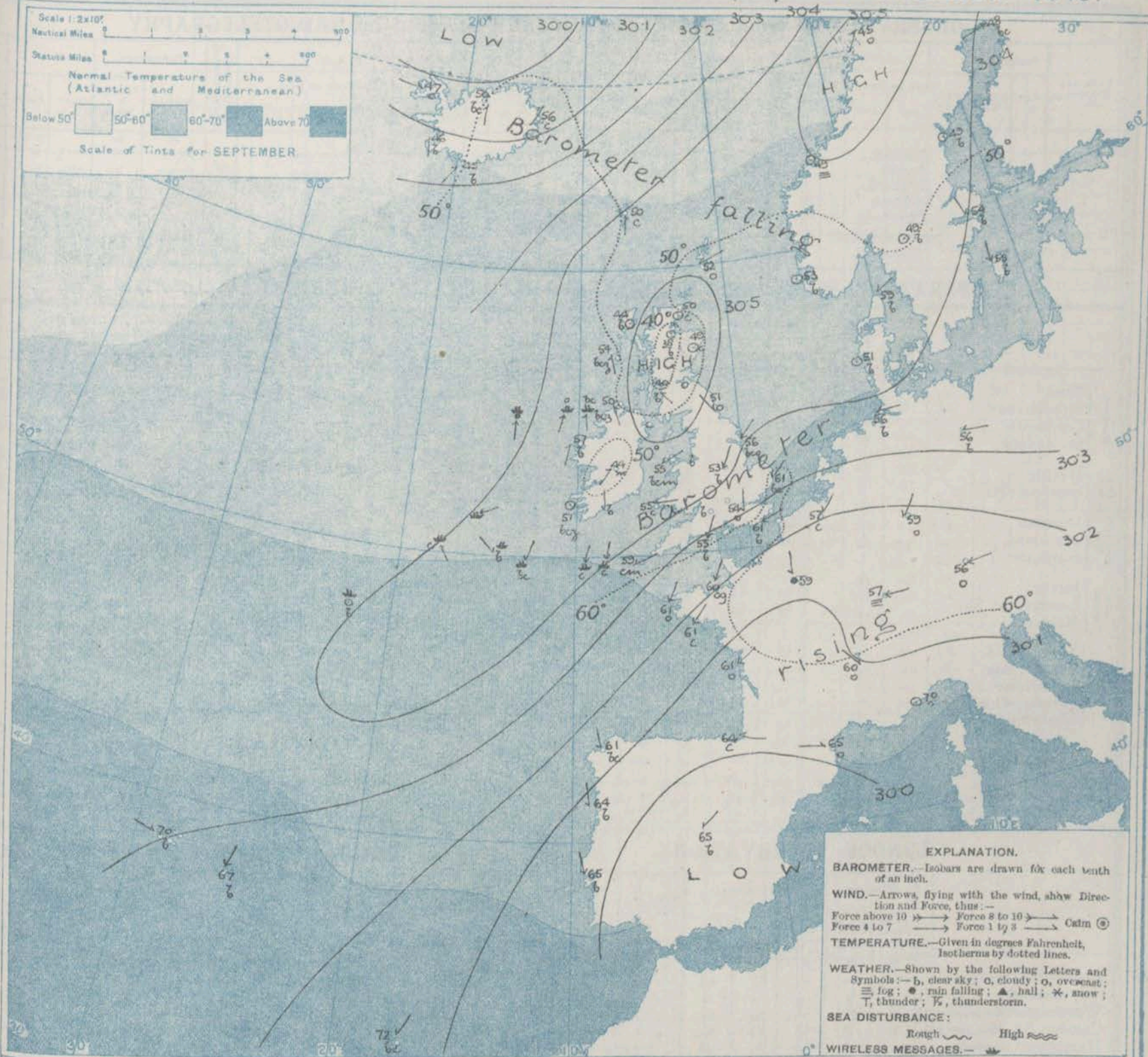
*None Issued.*

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.



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



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

An area of high pressure embraces the whole of the region under observation. The barometer is above 30.5 in. over Scotland and the north-west of Norway, below 30.1 in. in the north of Iceland, and below 30.0 in. over central Spain. There is a considerable gradient to the eastward of Iceland, and it is steepening over South-Eastern England, elsewhere it is very slight.

Calms and variable airs prevail over Scotland and Scandinavia, and southerly to westerly breezes on our far western coasts and in Iceland, northerly to easterly in other regions. As a rule the force is light, but over South-Eastern England a fresh to strong wind is blowing.

A general decrease of temperature has taken place. At the home stations the readings range from 38° at Narvik to 61° at Yarmouth and Dungeness; on the continent from 45° at Bodø to 70° at Nice; and in Iceland from 45° to 56°. Fair to very fine weather prevails extensively, but rain is falling at Paris and to the westward of Mayo. A rough sea is running off Dover, and it is rather rough off the Humber and the Tagus, but generally it is slight to very smooth.



## DAILY WEATHER REPORT.

Sunday, 7th September, 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.	
6.45, 6 p.m.	49	24	Manitou	H	30.36	+12	SE	1-3	bc	6.45, 6 p.m.	50	10	Manitowish	O	30.36	+01	ENE	(0-12)	b
"	50	22	Santon	H	30.28	+04	SSW	4-5	o	"	55	9	Parisian	O	30.44	00	ENE	4-5	b
"	48	18	Vaderland	H	30.41	+01	SSW	1-3	c	"	56	11	Empress of Ireland	O	30.47	00	E	1-3	b
"	55	15	Californian	H	30.44	+03	SE	4-5	bc	"	47	28	Manitou	H	30.13	+08	E	4-5	c
"	49	13	Manitowish	H	30.34	00	NE	1-3	b	"	54	20	Californian	H	30.26	+10	SE	4-5	c
"	56	13	Empress of Ireland	O	30.45	-01	SE	4-5	b	"	48	18	Manitowish	H	30.36	+07	-	0	o
"	51	11	Montezuma	H	30.36	+01	ENE	1-3	b	"	51	14	Montezuma	H	30.31	+09	ENE	1-3	b

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
Oban ...	...	...	...	...	...	...	Ramsgate ...	0.04	64	58	...	...	0.6
Stonehaven ...	...	...	...	...	...	...	Folkestone ...	0.29	64	58	o.c.b.c.	o.b.c.	0.5
Carnoustie ...	...	58	47	...	...	0.0	Hythe ...	...	...	...	...	...	...
St. Andrews ...	...	...	...	...	...	...	Littlestone ...	...	...	...	...	...	0.5
England, N.E.							Hastings ...	0.28	65	58	r.o.	o.c.b.	0.7
Harrogate ...	...	62	48	b	b.c.	6.4	Bexhill-on-Sea ...	0.23	66	58	op.o.	o.b.c.	0.6
Scarborough ...	...	...	...	...	...	...	Eastbourne ...	0.23	65	58	op.	op.	0.0
England, N.W.							Seaford ...	0.11	65	59	r.c.	o	0.2
Douglas ...	...	63	54	c	c	1.3	Brighton ...	0.14	67	59	o.c.	c.b.b.c.	0.5
Blackpool ...	...	68	51	c	c	9.4	Worthing ...	0.02	65	59	ro.b.c.	b.c.	0.1
Southport ...	...	66	50	...	...	1.1	Littlehampton ...	0.03	...	...	...	...	0.1
Mid-lands.							Southsea ...	...	...	...	...	...	...
Buxton ...	...	61	48	b.c.b.	b.c.	8.9	Ryde ...	...	...	...	...	...	...
Leamington Spa ...	0.02	68	54	c	c	5.0	Ventnor ...	...	...	...	...	...	...
Malvern ...	...	...	...	...	...	...	Bournemouth ...	...	66	56	o.c.o.	o.c.o.	0.3
Wales.							Weymouth ...	0.20	66	57	o.c.	c	0.4
Rhyl ...	...	65	53	b.c.	b.c.c.	8.3	Exmouth ...	...	...	...	...	...	...
Colwyn Bay ...	...	...	...	...	...	...	Teignmouth ...	0.08	65	57	o.c.	c	0.2
Llandudno ...	...	64	54	b.b.	b.b.	8.7	Torquay ...	...	...	...	...	...	...
Bettws-y-Coed ...	...	?	48	...	...	?	Paignton ...	0.50	64	58	o.c.b.c.	c	0.1
Aberystwyth ...	...	67	56	c.b.c.	b	9.5	Falmouth ...	0.21	63	59	o	o	3.5
Tenby ...	0.04	69	53	b.b.c.	b.b.c.	8.5	Bude ...	0.01	66	58	c.b.c.	c.b.c.	2.6
England, S.W.							Ilfracombe ...	0.02	65	57	g.b.c.	b.c.c.	...
Lowestoft ...	...	...	...	...	...	...	Weston-super-Mare ...	...	...	...	...	...	...
Felixstowe ...	0.08	64	59	m.o.g.	c.b.g.	1.9							
Walton-on-Naze ...	0.04	62	59	cug.c.	c.b.c.	0.8							
Southend-on-Sea ...	0.15	64	58	o	o	0.1							

## 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. 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.	
Greenwich (Royal Obs.) ...	76	74	66	53	48	...	...	...	0.9	Dublin to 4 p.m.	...	64	57	56	o.c.	c.b.	b
City (Bunhill Row) ...	...	...	...	...	...	...	...	...	0.2	Plymouth to 9 p.m.	0.13	65	59	57	c.b.	o	c.b.
Westminster (St. James's Pk.)	88	86	66	54	50	...	...	...	0.2	Darwen "	...	63	50	?	o.b.c.	b.c.	b.c.
Camden Sq. (Brit. Rainfall)	73	75	68	52	50	...	...	...	0.3	Manchester "	...	66	50	...	o.b.c.	b.c.	b.c.
Hampstead (Reservoir) ...	...	75	64	51	43	...	...	...	0.9	Birmingham "	...	66	50	45	...	c	c
Kew. (See front page.)	...	...	...	...	...	...	...	...	...	Oxford to 8 p.m.	...	68	56	54	o	o.c.	c
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																	
Total.			Mean Rate.			Max. Rate.											
S. Kensington (Roof of M.O.)			57.3 Joules.			12.1 Milliwatts.			0.1	S. Kensington (Museum Grounds to 6 p.m.)	0.08	65	57	56	o.b.	o	op.o.c.

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.

During yesterday temperature rose to between 65° and 69° at many stations in the southern half of the British Isles, but it did not exceed 55° to 58° in northern Scotland. At some of the western and northern stations there were good sunshine records, up to 12½ hours at Stornoway, but dullness ruled in the south and east, no sunshine or less than an hour in most places. Only a few stations had a slight shower. As far west as the 30th meridian ships experienced light to moderate breezes from North-Easterly to South-Easterly and South-Westerly directions, with fine to overcast weather, and local 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; y. dust-haze, or smoke.

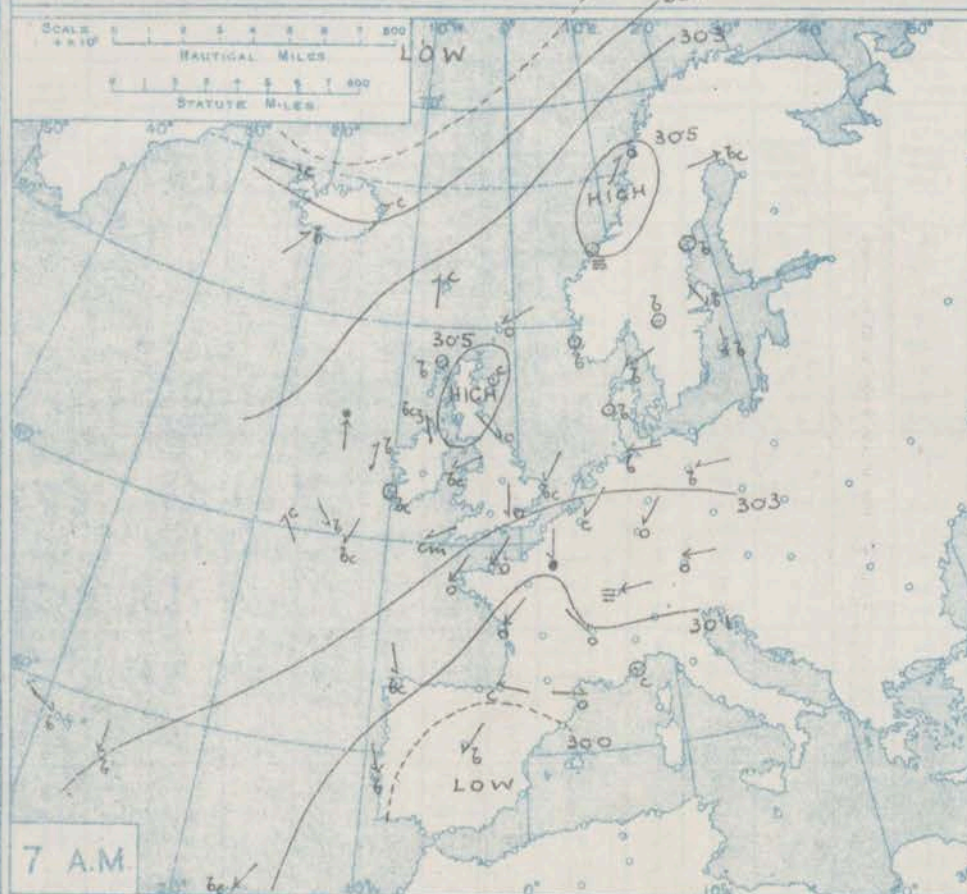
The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.



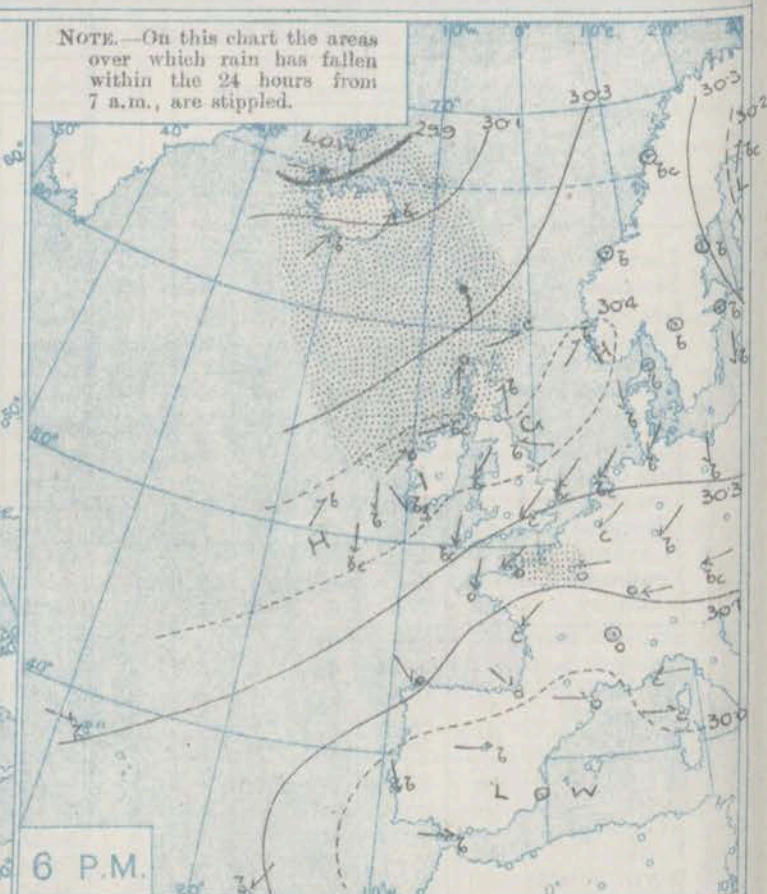
† Received too late for insertion in Charts.



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



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 anticyclone will continue to diminish in intensity and will move slowly southward. Its influence will still be felt over the southern parts of the United Kingdom, but

in all the more northern districts the conditions will be affected by depressions which are likely to pass across the Icelandic region.

### FORECASTS FOR THE 24 HOURS NOON MONDAY

### TO NOON TUESDAY.

0 { a } S.W. to S.E. winds, light or moderate; cool, cloudy, some showers  
b }

1

2 { a } Light S.W. and S.E. winds; fair at first, cloudy later, with local showers; remaining cool.  
b }

3 { Light N.E. to Variable breezes; fair generally, mist or fog locally at night; remaining cool.  
4 { a }  
b }

5 { Light N.E. winds; fair generally, mist or fog locally at night; remaining cool.  
6 { a }  
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 Coast.	South Coast.
North Coast.	North Coast.

Cones lowered in Districts 3, 5 and part of 2 at 9.30 a.m.

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

7 { a } Same as No. 2.  
b }

8 { a } Same as No. 5.  
b }

9 { a } S. and S.W. winds, light or moderate; cool, cloudy, some rain.  
b }

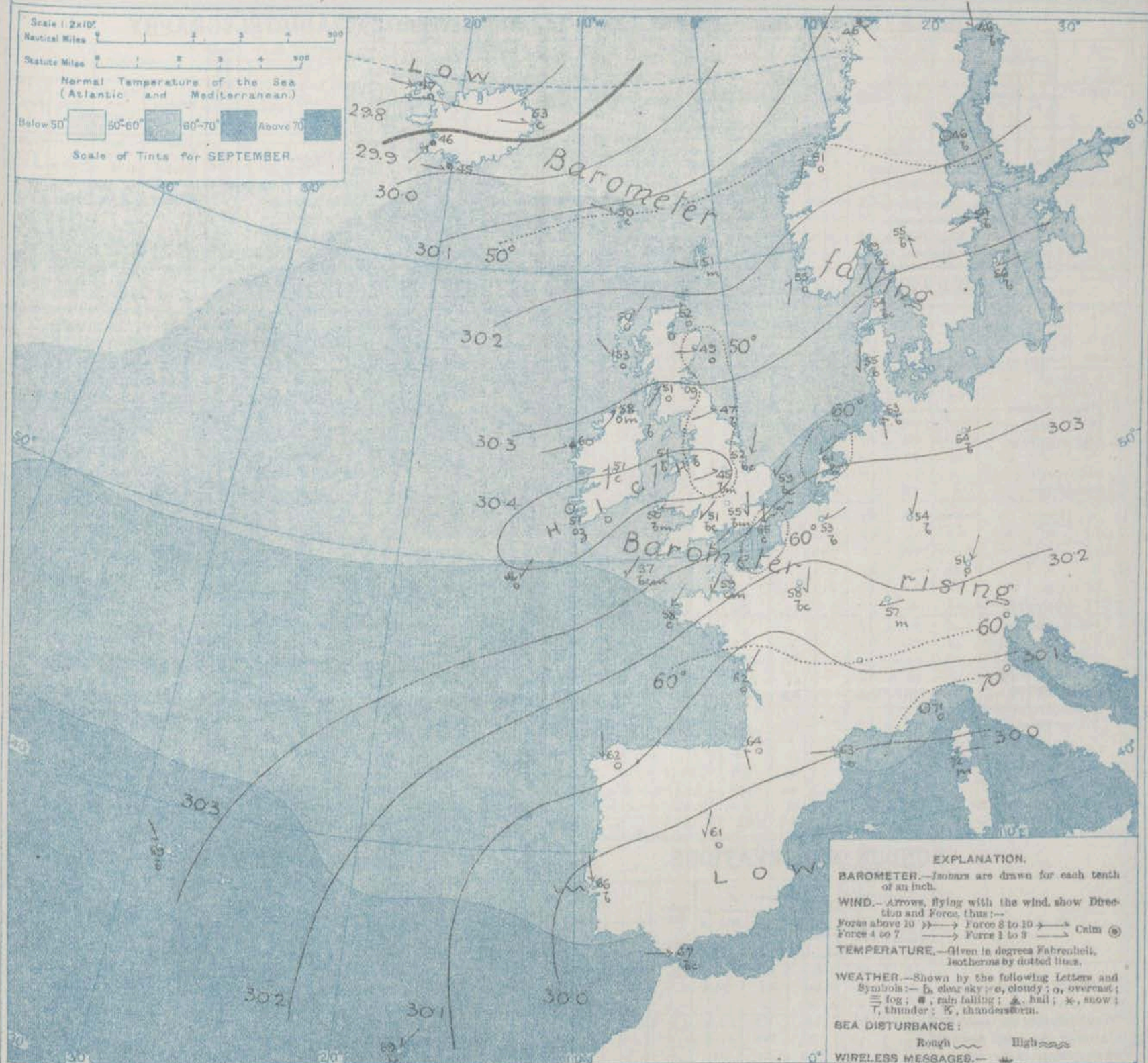
10 { a }  
b }

11 WESTERN CHANNEL AND BAY. Light to moderate N.E. winds and a slight sea; fair generally, but misty in places; remaining cool.

### THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. MONDAY, 8<sup>TH</sup> SEPTEMBER 1913.



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

The anticyclone recently noticed over our area has moved southward, and now extends in the form of a broad band from Ireland to Denmark, North Germany and the Baltic. Depressions are moving in an easterly direction over and to the northward of Ireland, and the barometer is falling slightly at most of our northern stations.

The wind is light to moderate from the N.E. over the south & east of England and the western portions of the Continent, but W. or S.W. in all the more northern parts of our area of observation. Temperature has risen in Ireland, Scotland and Norway, but fallen in most other

countries. Over the United Kingdom the readings range from between 60° and 65° on the Kentish coast to 50° and less over the east of Scotland and northern and central England. The weather is fine over England and the western parts of the Continent, but cloudy or dull elsewhere. Rain is falling at Blackhead Point and at Bodó, as well as in western Ireland. The sea is rough in the Straits of Dover, and moderate on our south and east coasts generally, slight or smooth elsewhere.



## DAILY WEATHER REPORT.

Monday, 8th Sept. 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- H H=Homeward	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- H H=Homeward	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
8th 7 a.m.	49	13	Maritima	H	30.29	.00	NE	1-3	c.	7th 7 a.m.	50	17	Scotian	H	30.39	.00	SE	1-3	c.
	51	9	Lusitania	H	30.40	-.01	N	1-3	c.		51	16	Mount Temple	H	30.29	+.18	SE	1-3	c.
7th 6 p.m.	51	17	de	H	30.44	+.01	SSW	1-3	b.	7th 7 a.m.	55	14	Parisian	H	30.55	-.04	S	4-5	b.
	51	13	Campania	O	30.40	.00	N	1-3	b.		50	14	Memnon	O	30.47	+.02	NW	1-3	b.
	50	13	Scotian	H	30.43	+.06	NE	1-3	c.		49	12	Vaderland	H	30.42	-.01	NE	1-3	b.
	49	13	St. Paul	O	30.46	-.03	N	4-5	b.		55	10	Campania	O	30.50	-.01	SSW	4-5	b.
	49	9	Vaderland	H	30.39	-.01	NNE	4-5	c.		55	9	Campania	H	30.50	-.01	S	1-3	b.
7 a.m.	48	21	Campania	H	30.36	-.01	N	4-5	c.		49	8	St. Paul	O	30.40	+.07	NNE	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	...	...	...	...	...	...	Margate	...	...	...	...	...	...	...
	Stonehaven	...	...	...	...	...	...	Ramsgate	...	...	...	...	...	...	...
	Carnoustie	...	...	...	...	...	...	Folkestone	...	...	...	...	...	...	...
	St. Andrews	...	...	...	...	...	...	Hythe	...	...	...	...	...	...	...
Engl.	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	...	...	...	...	...	...	...
England, E.	Bettws-y-Coed	...	...	...	...	...	...	Bournemouth	...	...	...	...	...	...	...
	Aberystwyth	...	...	...	...	...	...	Weymouth	...	...	...	...	...	...	...
	Lowestoft	...	...	...	...	...	...	Exmouth	...	...	...	...	...	...	...
England, S.W.	Felixstowe	...	...	...	...	...	...	Teignmouth	...	...	...	...	...	...	...
	Walton-on-Naze	...	...	...	...	...	...	Torquay	...	...	...	...	...	...	...
	Southend-on-Sea	...	...	...	...	...	...	Paignton	...	...	...	...	...	...	...
								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.
	1 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.) ...	61	78	F.°	F.°	F.°	In.	bc	bc.b	b.	Hr.	Dublin to 4 p.m.	In.	F.°	F.°	F.°	c	c.b	b.	
City (Banhill Row) ...	•	•	•	•	•	•	•	•	•	6.3	Plymouth to 9 p.m.	•	63	56	55	•	•	•	
Westminster (St. James's Pk.)	74	86	68	53	49	-	bc	bc	o.b.	6.3	Darwen	•	•	•	•	•	•	•	
Camden Sq. (Brit. Rainfall)	-	76	71	50	49	-	b	bc.c	b.	6.9	Manchester	•	•	•	•	•	•	•	
Hampstead (Reservoir) ...	•	72	65	50	41	-	bc	bc	bc.	6.5	Birmingham	•	62	49	42	c	c	c	
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.)	-	75	12.11	Joules.	25.5	Milliwatts.	68	Milliwatts.	6.4	S. Kensington (Museum Grounds to 6 p.m.)	-	68	54	48	c	b.c.	bc.c.		

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

8th & 9th Sept. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 5.16 S. 5.17	G.M.T. 11.51 S. 11.50	G.M.T. 6.26 S. 6.23
Greenwich	G.M.T. 5.25 S. 5.26	G.M.T. 11.59 S. 11.57	G.M.T. 6.31 S. 6.28
Wick	G.M.T. 5.28 S. 5.30	G.M.T. 12.10 S. 12.09	G.M.T. 6.31 S. 6.28
Valencia	G.M.T. 6.5 S. 6.6	G.M.T. 12.39 S. 12.38	G.M.T. 7.13 S. 7.10

During yesterday the thermometer rose to 65° or slightly above it in many parts of the United Kingdom, but remained below 60° at some of the northern stations. The amount of bright sunshine was as a rule much larger than of late. Slight rain was experienced in Ireland, Wales and the west and north of Scotland. Wireless reports show that on the southern Atlantic routes, and as far west as the 21st meridian ships experienced light variable winds and fair weather; on the northern routes the wind was moderate to fresh from the S.W. with cloudy weather and rain in places.

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

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



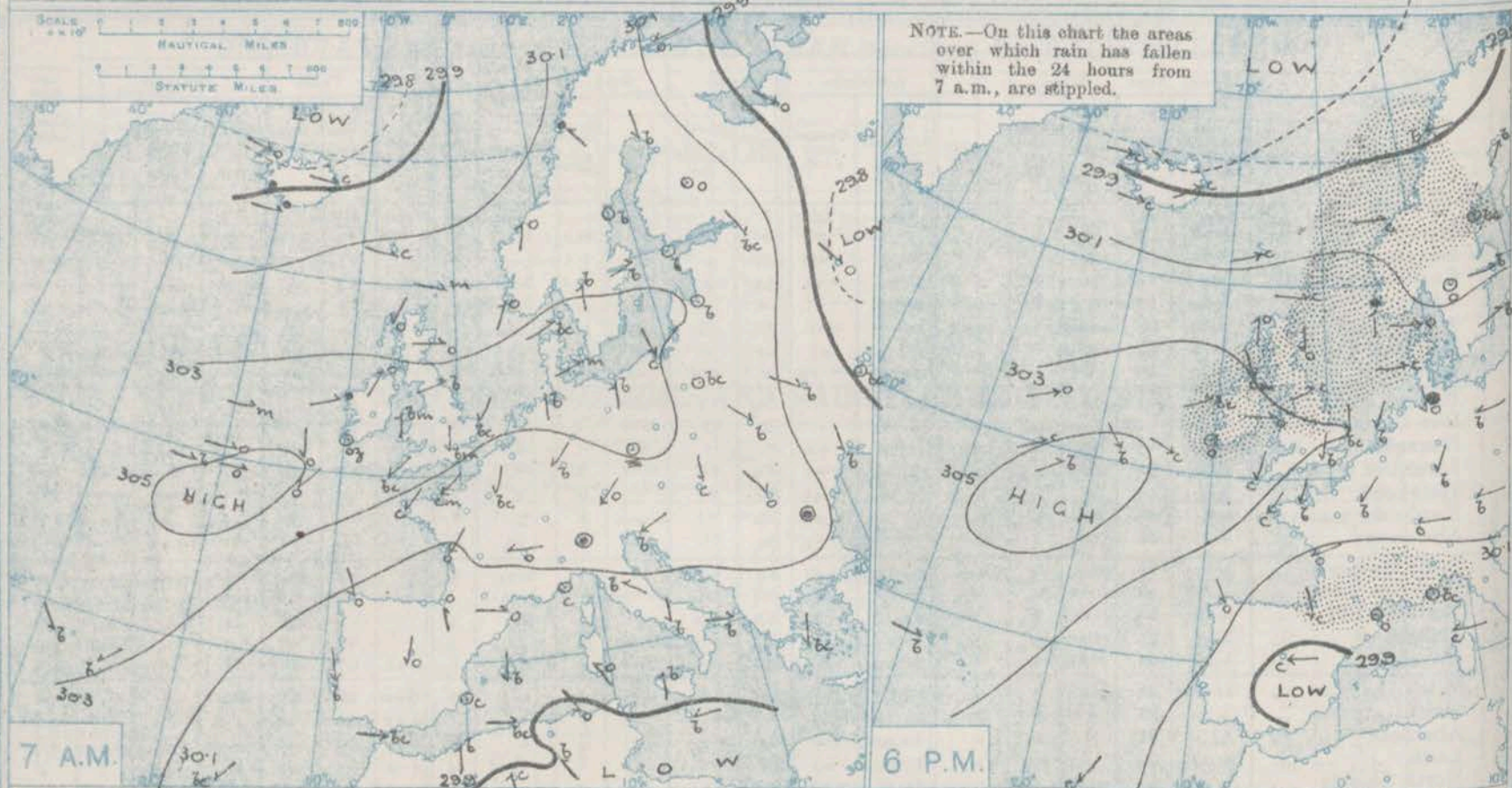
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,  
4th September, 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.		TEMP.		WEATHER.		TEMP.		WEATHER.		Sun- shine for yester- day.			
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Force (0 to 12).	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.	Sea (0 to 9).	Rain- fall.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'g. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	Hours			
	In.	F.					In.	In.	F.															
Lerwick ... ..	30.18	52	W	3	c		30.11	-0.01	51	0	W	2	c	2	0.05	54	49	c	c	bc, bc	0.0			
Stornoway ... ..	30.26	54	S	1	o		30.22	+0.01	50	0	W	1	c	1	-	57	48	o.c.	o	c	0.0			
Castlebay (Barra Isd.)	30.27	54	W	2	o		30.24	+0.01	53	0	-	0	bc	1	trace	57	49	o.c.	o.c.	bc, bc	1.5			
Glasgow ... ..	30.24	57	SW	2	o		30.22	-0.01	46	-5	E	1	bc	2	0.12	57	44	od. r	od. r	bc, bc	0.0			
Malin Head ... ..	30.23	55	NNW	3	ome		30.17	-0.01	52	-6	SE	4	dm	3	0.10	59	50	od. r	od. r	bc, bc	0.0			
Blackod Point ... ..	30.33	60	WSW	1	bc		30.21	0.0	60	0	W	2	r	2	0.06	63	58	od. r	od. r	bc, bc	0.0			
Valencia ... ..	30.39	63	-	0	o		30.29	-0.03	61	+10	W	3	rgm.	3	0.04	66	51	c. bz.	o	om.	2.6			
Roche's Point ... ..	30.37	63	SW	2	o		30.27	-	59	+7	WSW	1	c	1	0.01	65	52	om.	com.	od. r	0.0			
Birr Castle ... ..	30.32	64	SW	2	c		30.20	-	59	+8	SW	2	r	1	0.04	64	50	c	c	d. r	0.0			
Donaghadee ... ..	30.28	63	W	3	cl		30.20	-0.02	51	-1	S	1	r	1	0.07	67	50	c	cl.	bc, bc	5.5			
Liverpool Obsy. ... ..	30.32	59	WNW	1	c		30.20	-0.03	54	+5	NW	2	r	2	0.05	61	49	b	bc	bc, bc	0.0			
Holyhead ... ..	30.31	59	W	2	o		30.19	-0.04	58	+7	-	0	r	0	0.03	63	51	om.	rgm.	rgm.	0.0			
Pembroke (St. Ann's Hd.)	30.36	56	NW	1	bc		30.24	-0.04	53	+3	WNW	3	c	3	-	62	50	bm.	e	bc, m.	8.0			
Newquay ... ..	30.33	58	N	3	bc		30.24	-0.02	59	+3	SW	2	rg.	2	-	62	52	tr.	tr.	bc, rg.	8.2			
Scilly (St. Mary's) ... ..	30.34	58	NNE	3	cm		30.27	-0.01	60	+3	W	1	cm	2	-	62	54	bc.	cm	cm	9.9			
Jersey (St. Aubin) ... ..	30.26	65	NNE	4	b		30.25	-	59	0	NNW	2	am.	1	-	69	56	com.	c. b.	bc, m.	9.3			
Portland Bill ... ..	30.27	64	NNE	2	b		30.22	-0.02	58	+2	-	0	bc.	2	-	67	55	bc.	bc.	bc.	0.0			
Dungeness ... ..	30.27	63	NNE	4	b		30.20	-0.01	51	-14	NW	3	f	2	-	67	47	c	c	bc, f.	0.0			
Dover ... ..	30.24	59	NNE	4	b		30.14	-	55	-5	NW	2	c	2	0.02	67	50	b	b	bc, c.	11.4			
Wick ... ..	30.24	53	W	3	o		30.17	-0.01	49	+3	W	3	c	2	trace	56	43	om.	o	om.	0.0			
Nairn ... ..	30.23	55	-	0	o		30.20	-	47	-7	SW	1	bc.	1	0.08	56	40	o.c.	3.0	bc.	0.0			
Aberdeen ... ..	30.24	53	H	2	o		30.21	+0.01	48	-1	-	0	c	2	0.07	57	43	om.	od.	bc, m.	0.0			
Leith ... ..	30.20	60	W	2	o		30.20	0.0	48	-5	W	1	bc.	2	0.10	63	46	og.	o	o	0.0			
North Shields ... ..	30.25	61	WSW	2	o		30.18	+0.02	50	+3	N	3	o	3	0.06	64	47	cl.	r. o.	o	1.8			
Spurn Head ... ..	30.28	58	SSE	4	c		30.14	-0.02	57	+5	SW	4	fe	4	0.02	64	48	bc.	bc.	om.	7.5			
Yarmouth ... ..	30.30	61	N	3	bc		30.14	-0.05	52	-7	W	2	c	1	-	66	46	bc.	bc.	bc.	11.1			
Clacton-on-Sea ... ..	30.28	62	NE	4	b		30.17	-0.03	52	-5	WNW	2	c	1	-	67	47	bc.	b	bc, m.	11.2			
Nottingham ... ..	30.29	63	WNW	2	b		30.17	-	55	+10	SW	1	om.	1	0.06	67	43	bc.	bc.	bc.	9.5			
Bath ... ..	30.31	65	N	1	b		30.22	-	54	+3	NW	-	c	0	-	68	47	b	b	bc, m.	10.9			
London (Kew Obsy.) ... ..	30.28	65	N	2	b		30.21	-0.02	51	-4	NE	1	om.	0	-	69	48	bc, bc.	bc, bc.	bc, m.	10.9			
Spitzbergen ... ..	29.76	39	SE	3	o		29.74	-0.0	37	0	S	3	o	0	0.04	41	36							
Isafjord ... ..	29.82	50	W	5	c		30.01	+0.02	50	+3	W	4	o	0	-	0	0							
Reykjavik ... ..	29.98	51	SW	5	o		30.15	+0.06	46	0	SW	4	o	0	-	0	0							
Vestmanna ... ..	29.99	46	W	4	c		30.15	+0.02	46	+1	W	2	o	2	-	0	0							
Seydisfjord ... ..	29.84	55	SW	4	c		30.04	+0.03	49	-4	WSW	2	bc	0	-	0	0							
Thorshavn ... ..	30.08	52	WSW	4	c		30.08	+0.01	50	0	WNW	2	c	0	-	0	0							
Haparanda ... ..	29.97	48	SW	2	b		30.14	-0.06	53	+7	SW	4	o	0	-	59	45							
Hernösand ... ..	29.92	52	-	0	bc		29.99	-0.01	50	+4	-	0	r	0	0.04	64	48							
Stockholm ... ..	30.08	53	W	2	b		29.92	-0.02	53	+1	WSW	2	o	0	-	64	48							
Wisby ... ..	30.15	54	WSW	2	b		30.00	-0.04	56	0	WSW	6	o	0	-	66	52							
Karlstad ... ..	30.08	54	-	0	o		29.92	-0.02	53	-2	-	0	r	0	-	64	48							
Færder (Xiania Fjord)	30.05	60	WSW	4	o		29.95	-0.02	53	-6	NW	1	o	2	-	59	52							
Bodø ... ..	29.89	48	E	1	b		29.75	-0.01	49	+4	SW	5	r	3	0.12	50	45							
Christiansund ... ..	30.03	50	W	3	c		29.99	0.0	49	-3	W	2	b	3	0.24	51	46							
Skudesnaes ... ..	30.15	55	S	2	r		30.06	-0.01	51	-4	N	2	c	2	0.12	55	48							
The Scaw (Skagen) ... ..	30.14	56	W	5	o		29.95	-0.06	54	0	S	2	r	0	0.08	59	52							
Blaavands Huk ... ..	30.26	57	W	1	c		30.06	-0.08	57	+2	W	3	o	2	trace	63	54							
Cuxhaven ... ..	30.26	60	N	2	o		30.08	-0.06	58	+2	SW	2	b	0	-	64	52							
The Helder ... ..	30.28	60	NNE	2	b		30.11	-0.04	60	-1	W	2	bc.	1	-	66	52							
Brussels ... ..	30.20	61	ENE	2	b		30.14	-0.02	50	-3	-	0	f	0	-	73	46							
Berlin ... ..	30.26	60	E	1	b		30.15	-0.04	53	-1	SE	1	b	0	-	66	50							
Frankfurt ... ..	30.19	58	NE	2	b		30.13	-0.03	55	+1	NE	1	b	0	-	73	50							
Munich ... ..	30.20	54	E	3	b		30.16	-0.01	52	+1	NE	2	b	0	-	63	46							
C. Gris Nez ... ..	30.25	61	NE	4	b		30.17	-0.02	58	-4	N	2	c	2	-	68	55							
La Hève ... ..	30.23	62	NE	4	c		30.15	-	59	-2	NNE	3	b	1	-	70	55							
Brest (St. Mathieu) ... ..	30.25	61	NE	3	c		30.22	-0.01	60	+2	NNW	2	o	2	-	68	58							
Lorient (Bec Melen) ... ..	30.09	65	ENE	3	o		30.12	+0.01	61	-1	NE	4	o	0	-	77	61							
Rochefort (Ile d'Aix) ... ..	30.05	68	NNW	2	c		30.07	+0.01	64	0	SE	2	b	2	0.20	73	61							
Biarritz ... ..	30.16	64	NNE	2	b		30.17	+0.02	55	-3	N	1												



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



GENERAL INFERENCE

## WEATHER PROSPECTS.

A shallow depression now over Ireland will occasion a changeable, less settled type

of weather over the country generally during the ensuing 24 hours.

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

0  
1  
2  
3  
4  
5

Calms and light variable breezes; changeable, fair to dull, some rain, local mist or fog; 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.

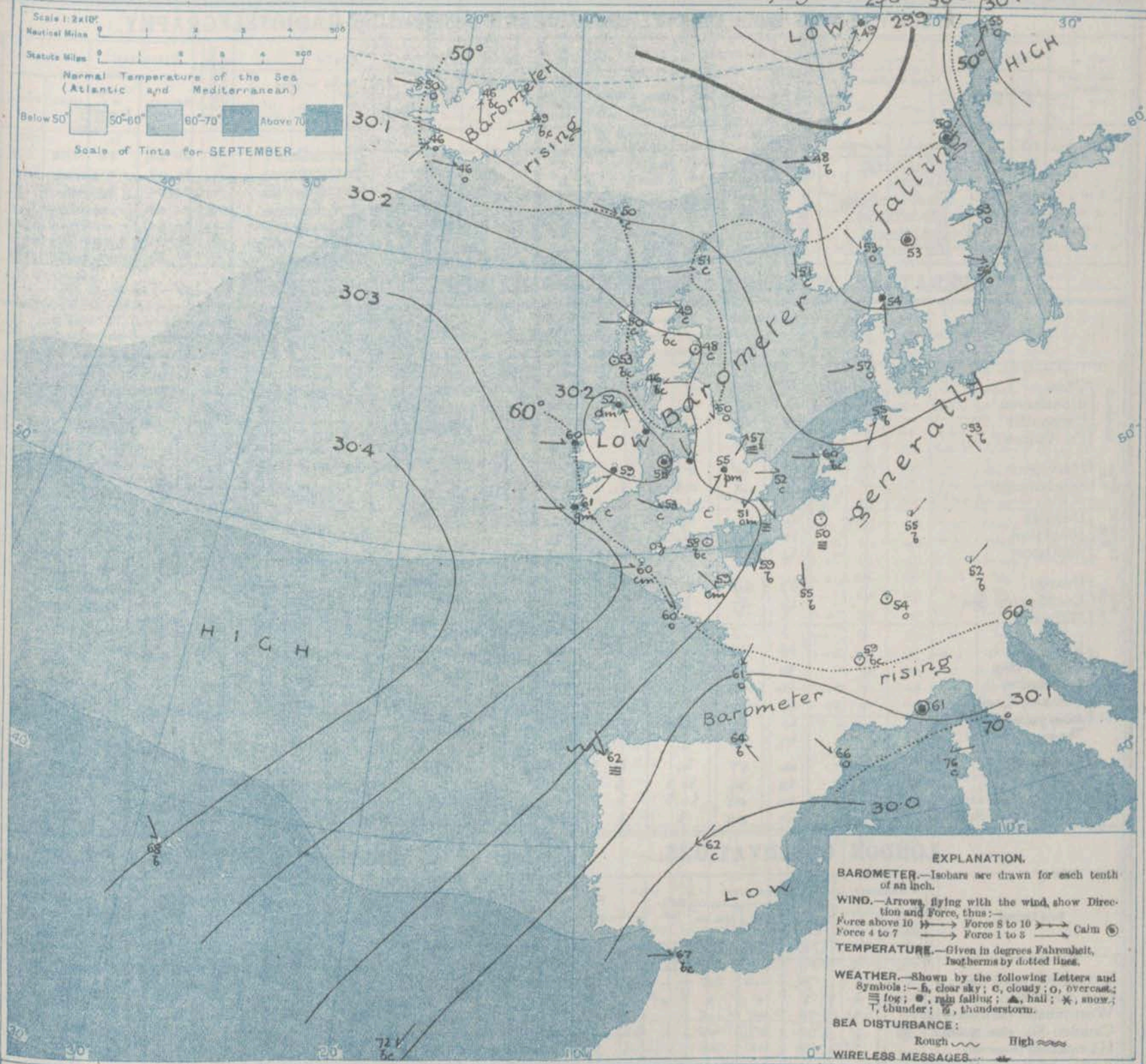
### 11 WESTERN CHANNEL AND BAY.

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

THE FURTHER OUTLOOK.



SYNOPTIC CHART FOR 7 A.M. ~~TUESDAY~~, 9<sup>TH</sup> SEPTEMBER, 1913. <sup>298 300 301</sup>



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

Pressure is now highest out on the Atlantic, 30.4 in. at the Azores. Within the anticyclone a shallow depression, with the barometer below 30.2 in., has formed over northern Ireland and North Wales. In a depression between Norway and Spitzbergen pressure is at  $29\frac{3}{4}$  in.

Calms and light variable breezes are general. The temperature changes are very irregular. At the home stations the values range from  $46^{\circ}$  at Glasgow to  $61^{\circ}$  at Valencia; on the Continent from  $48^{\circ}$  at Christiansund to  $66^{\circ}$  at Perpignan, and

67° at Gibraltar; and in Iceland from 46° to 50°. The weather is in a very changeable state, cloudless in many localities, raining at a number of home and foreign stations, and the atmosphere is foggy locally on the east coast of Britain, and at Brussels. The sea is slight to very smooth.



## DAILY WEATHER REPORT.

Tuesday, 9th September 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. Inward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. Inward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
8th 6 p.m.	53	24	Royal George	O	30.32	+0.2	WSW	4-5	0	8th 7 p.m.	49	11	Manitow	H	30.39	0.0	NNE	1-3	0
"	50	24	Campania	O	30.43	+0.1	WSW	1-3	0	"	49	21	Manitow	O	30.48	+0.1	W	1-3	0
"	49	22	St Paul	O	30.52	-0.6	SW	1-3	0	"	51	19	Campania	O	30.40	0.0	WSW	1-3	0
"	50	18	Minnewaska	O	30.57	+0.2	NW	4-5	0	"	50	19	Campania	H	30.45	+0.2	WNW	1-3	0
"	51	14	Francina	H	30.44	-0.1	WNW	4-5	0	"	49	19	St Paul	O	30.52	+0.2	W	1-3	0
" 7 p.m.	52	16	Francina	H	30.34	+0.4	WNW	4-5	0	"	52	17	Royal George	O	30.33	-0.2	W	1-3	0
"	50	12	Roosland	O	30.34	-0.7	N	4-5	0	"	50	13	Minnewaska	O	30.50	+0.2	N	1-3	0

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

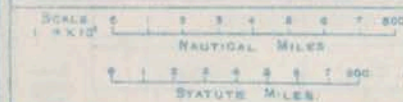
STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	0.03	58	50	do	om	0.0	England, S.E.	Margate	-	66	57	b	b	9.8
	Stonehaven	-	62	49	o.c	o	0.0		Ramsgate	-	65	57	b	b	10.8
	Carnoustie	0.02	63	45	"	"	0.1		Folkestone	-	67	53	b.b	b	11.3
	St. Andrews	-	63	41	o	o	0.0		Hythe	-	-	-	-	-	-
Eng. N.E.	Harrogate	-	66	41	b	b.b.c.o.	7.5	England, S.E.	Littlestone	-	-	-	-	-	11.0
	Scarborough	-	67	45	c.b	b	7.6		Hastings	-	69	54	b	b	11.7
England, N.W.	Douglas	-	61	44	og	o	0.1	England, S.E.	Bexhill-on-Sea	-	68	53	b	b.c.b	11.2
	Blackpool	-	62	39	mo.c	c.o.	2.7		Eastbourne	-	69	54	b	b	11.4
	Southport	-	63	38	b.b.c	b.c.o.	4.7		Seaford	-	68	53	c.b	b.b	10.9
Mid- lands.	Buxton	-	62	34	b	b	6.4	England, S.E.	Brighton	-	71	53	c.b	b.c.b	10.5
	Leamington Spa	-	68	47	b	b	9.1		Worthing	-	69	53	b.c.b	b	10.2
	Malvern	-	-	-	-	-	8.0		Littlehampton	-	-	-	-	-	10.2
	Rhyl	-	63	39	b	b	4.5		Southsea	-	69	53	b	b	9.0
Wales.	Colwyn Bay	-	63	41	b	b	4.8	England, S.W.	Ryde	-	67	60	b	b	8.0
	Llandudno	-	64	45	c	b.c.	1.7		Ventnor	-	68	51	a	a	11.0
	Bettws-y-Coed	-	65	58	b	b	2.5		Bournemouth	-	68	49	b.b	b	9.8
	Aberystwyth	-	60	47	c.b	c.o.	8.0		Weymouth	-	69	51	b	b.c	10.5
England, E.	Tenby	-	69	50	b	b.b	9.5	England, S.W.	Exmouth	-	67	49	b	b	8.7
	Lowestoft	-	62	57	b	b	9.7		Teignmouth	-	66	52	c.b	b	8.9
	Felixstowe	-	65	54	b.c.b	b	11.4		Torquay	-	67	51	c.b	b	9.3
	Walton-on-Naze	-	64	55	b.c.b	b	10.6		Paignton	-	65	51	c.b	b	8.2
England, E.	Southend-on-Sea	-	69	54	b	b	10.0	England, S.W.	Palmouth	-	66	48	b	b	10.2
									Bude	-	65	50	b	b	10.6



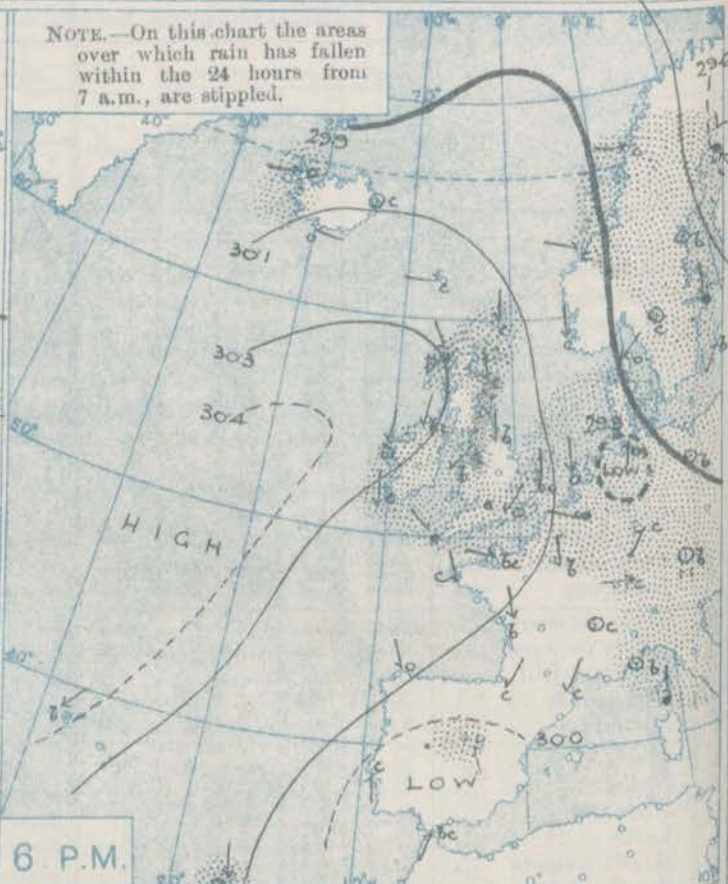
† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 9<sup>TH</sup> SEPTEMBER.



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



## GENERAL INFERENCE

The anticyclone which has extended temporarily over these islands is likely to move southwards, and over a considerable portion

## WEATHER PROSPECTS.

of the country the weather will be affected shortly by the Icelandic low pressure system. Freshening S.W. and S.W. winds are probable on our northern coasts.

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

- 0 {  
a } S.W. and S.S.W. winds,  
b } freshening; fair at first,  
1 } showery later; remaining  
cool.  
2 {  
a }  
b }

- 3 } N.W. to S.W. winds, light or  
moderate; fair to-day, becoming  
4 {  
a } showery again to-morrow;  
b } remaining 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 Coast.	South Coast.
North Coast.	North Coast.

No WARNINGS ISSUED.

- 6 {  
a } Same as Nos. 0 to 2.  
b } N.W. to S.W. winds, moderate;  
7 {  
a } fair at first, showery later;  
b } remaining cool.  
8 {  
a } N.E. to N.W. winds, light;  
b } fair generally; cool.  
9 {  
a } N.W. to S.W. winds, freshening;  
b } cloudy, showery; remaining cool.  
10 {  
a } Same as No. 8.  
b }

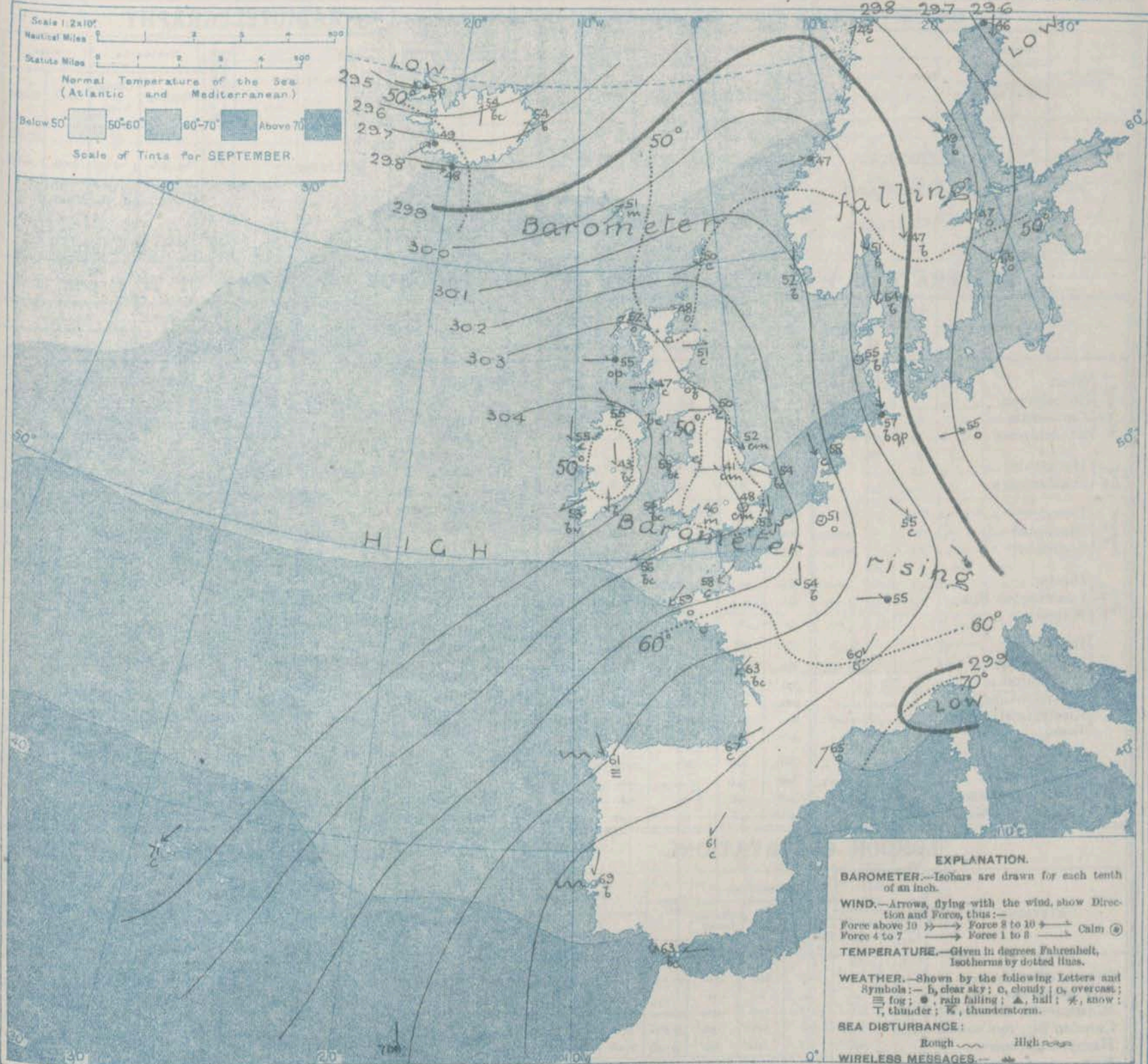
### 11 WESTERN CHANNEL AND BAY.

Moderate N.W. winds, with fair, cool weather, and a slight sea.

## THE FURTHER OUTLOOK.



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



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

The shallow depression noticed yesterday morning over the north of Ireland has passed away quickly to the eastward and a large anticyclone has again extended from the Atlantic over the whole of the United Kingdom and the neighbouring portions of the Continent. A rather deep depression is approaching Iceland from the northward.

The wind is light to moderate from the N.W. on the English and Irish coasts and over the western parts of the Continent generally, but is S.W. in Scotland, and S.W. in Iceland and the Faeröe. Temperature has fallen broadly over the Central and

southern parts of England and Ireland, risen in most other localities. Over the United Kingdom the readings range from 55° or a trifle above it on several parts of our west and south-west coasts to 43° at Burr Castle, and 41° at Nottingham. The Continental values range from 72° at Nice, and 67° at Biarritz to between 45° and 44° in Scandinavia. The weather is fair or fine over Western Europe as a whole, but showers are falling in the Hebrides, and steady rain at Christianund, and also at Belfast and Munich. The sea is moderate in the Channel, slight or smooth elsewhere.



## DAILY WEATHER REPORT.

Wednesday, 10th Sept. 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.	
9th 6pm.	50	12	<u>Dominion</u>	H	30.29	-0.01	NW	4-5	0	9th 7am	56	12	<u>Corsican</u>	H	30.26	0.00	NE	4-5	0.
" 7am.	49	19	<u>? Kronland</u>	O	30.57	+0.09	NW	1-3	0										
"	50	16	<u>Dominion</u>	H	30.40	+0.02	NNW	4-5	0.										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.	bc.	bc.	Hr.	Margate	In.	F.	F.	bc.	bc.	Hr.
Oban	0.04	61	42	bc.	bc.	8.0	Ramsgate	0.05	65	54	bc.	bc.	12.
Stonehaven	0.07	68	42	bc.	bc.	5.1	Folkestone	0.02	65	52	bc.	bc.	1.4
Carnoustie	0.27	60	44	bc.	bc.	8.8	Hythe	0.02	67	49	bc.	bc.	2.6
St. Andrews	0.12	64	43	bc.	bc.	9.4	Littlestone						2.3
England, N.E.							Hastings	0.03	68	51	bc.	bc.	2.6
Harrogate		59	50	bc.	bc.	5.0	Bexhill-on-Sea	0.02	68	48	bc.	bc.	2.8
Scarborough		62	51	bc.	bc.	6.0	Eastbourne	0.02	69	50	bc.	bc.	4.7
England, N.W.							Seaford	0.04	67	48	bc.	bc.	4.6
Douglas	0.01	61	52	bc.	bc.	5.5	Brighton		68	50	bc.	bc.	4.2
Blackpool	0.01	64	54	bc.	bc.	2.1	Worthing	0.04	69	48	bc.	bc.	3.7
Southport	0.01	63	55	bc.	bc.	1.9	Littlehampton						3.5
Mid-lands.							Southsea		69	50	bc.	bc.	4.6
Buxton		56	51	bc.	bc.	1.1	Ryde		68	57	bc.	bc.	4.5
Leamington Spa	0.14	61	47	bc.	bc.	0.5	Ventnor		68	53	bc.	bc.	5.5
Malvern						0.0	Bournemouth		70	49	bc.	bc.	5.5
Wales.							Weymouth		71	53	bc.	bc.	5.8
Rhyl	0.17	57	51	bc.	bc.	1.3	Exmouth		70	53	bc.	bc.	3.6
Colwyn Bay	0.20	56	49	bc.	bc.	1.5	Teignmouth		71	55	bc.	bc.	5.1
Llandudno		62		bc.	bc.	0.0	Torquay		70	53	bc.	bc.	4.8
Bettws-y-Coed		62	45	bc.	bc.	0.0	Paignton		72	52	bc.	bc.	4.1
Aberystwyth	0.05	60	54	bc.	bc.	0.0	Falmouth		69	51	bc.	bc.	2.0
Tenby		67	50	bc.	bc.	1.5	Bude	0.05	66	47	bc.	bc.	1.0
England, E.							Ilfracombe	0.01	65	54	bc.	bc.	2.5
Lowestoft	0.02	58	46	bc.	bc.	0.7	Weston-super-Mare		65	53	bc.	bc.	
Felixstowe	0.02	65	46	bc.	bc.	0.9							
Walton-on-Naze	0.04	65	48	bc.	bc.	0.6							
Southend-on-Sea	0.02	66	48	bc.	bc.	0.6							

## 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.)	94	70	68	45	36	0.06	0	or.	0.7
City (Bunhill Row)									0.3
Westminster (St. James's Pk.)	73	64	67	48	44	0.04	0	0.6	0.8
Camden Sq. (Brit. Rainfall)	92	69	68	46	42	0.04	0.0	0.6	0.5
Hampstead (Reservoir)		66	65	44	35	0.05	0.0	0.6	1.2
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.)	93	67	531	Joules.	11.3	Milliwatts.	59	Milliwatts.	1.0

## Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.	
Dublin to 4 p.m.	0.10	65	56	55	or.	bc.	4.0
Plymouth to 9 p.m.		69	51	46	bc.	bc.	0.5
Darwen	0.04	59	48	45	or.	bc.	0.2
Manchester	0.01	61	50	48	bc.	bc.	0.0
Birmingham	0.12	59	52	40	bc.	bc.	
Oxford to 8 p.m.		63	48	42	bc.	bc.	
S. Kensington (Museum Grounds to 6 p.m.)		66	49	40	bc.	bc.	

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

10th & 11th Sept. 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.19 5.22	11.50 11.50	6.31 6.18
Greenwich	5.28 5.30	11.57 11.57	6.26 6.24
Wick	5.32 5.35	12.9 12.9	6.46 6.43
Valencia	6.8 6.10	12.38 12.38	7.8 7.6

## NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 65° and upwards in most parts of England and Ireland, and to 70° or a trifle above it on our south-west coasts; at some of the northern stations in England and Wales it did not reach 60°. The amount of bright sunshine was as a rule somewhat small. Slight rain was experienced in most districts, and thunder was heard at Bath. 88 wireless reports show that as far west as the 19th meridian ships experienced light to fresh winds from the N.W., with fair but cloudy 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; y. 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.

Thursday,  
11th September, 1913.

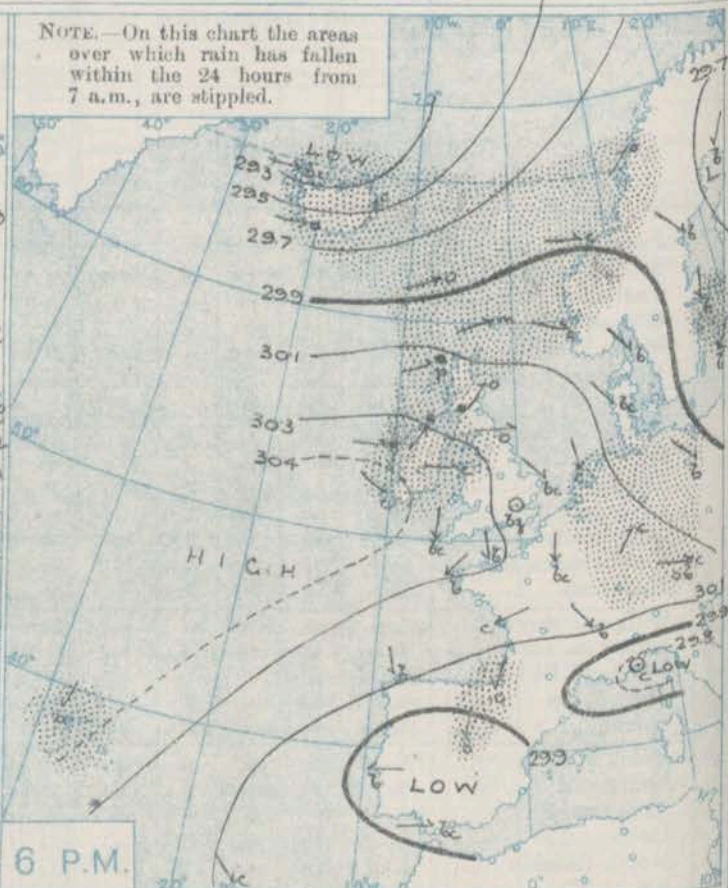
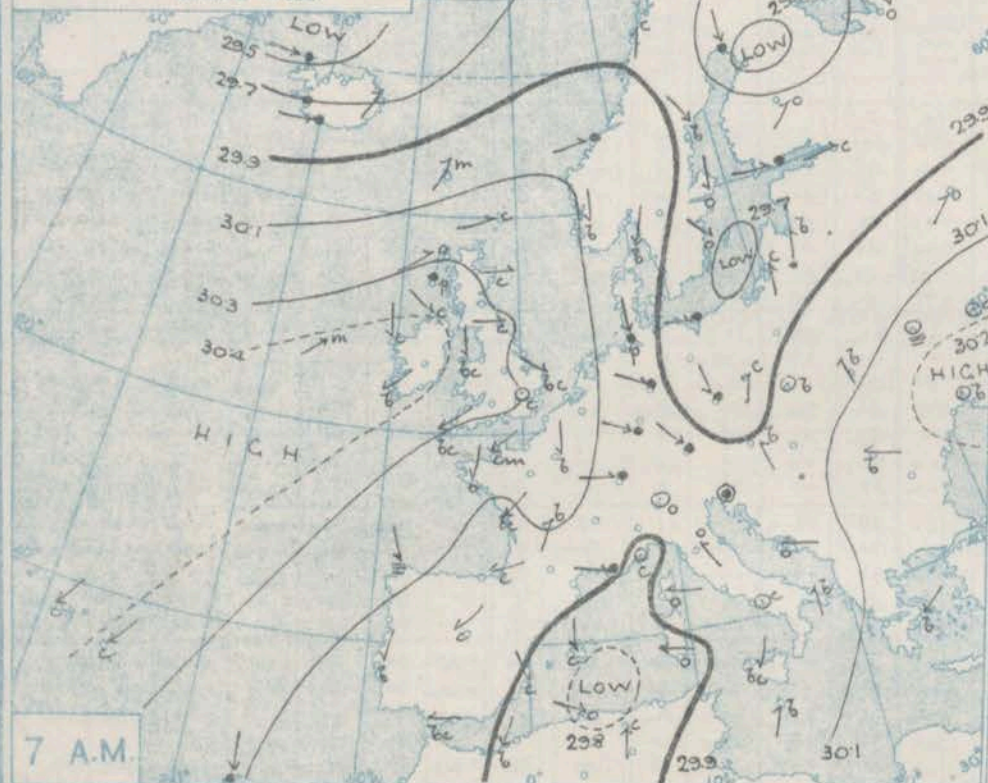
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.				
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (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).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	
BRITISH ISLANDS.																						
Lerwick ... ..	In. 29.97	F. 54	WSW	5	mq	In. 29.71	-.08	F. 54	+4	SW	7	m	5	0.07	54	49	cp	ompg	ompg	ompg	Hours	
Stornoway ... ..	30.16	56	WSW	3	odp	29.90	-.06	56	+4	SW	5	r	5	0.10	60	52	odp	odp	odp	odp	0.5	
Castlebay (Barra Isd.)	30.22	57	W	3	o	29.97	-.06	56	+1	W	4	r	3	0.11	58	53	odp	odp	odp	odp	1.5	
Glasgow ... ..	30.22	56	SW	4	r	30.07	-.05	55	+8	WSW	3	o	*	-	58	47	o	odp	odp	odp	0.2	
Malin Head ... ..	30.28	57	SW	4	mr	30.06	-.09	56	+1	WSW	5	og	4	0.03	58	54	m	omd	og	og	*	
Blacksod Point ... ..	30.37	60	W	1	r	30.18	-.03	58	+3	W	2	c	2	0.04	62	50	omd	omd	omd	omd	*	
Valencia ... ..	30.44	60	NW	2	c	30.24	-.05	61	+8	W	1	o	3	0.10	63	52	omd	omd	omd	omd	9.0	
ICELAND, FAEROE, &c.																						
Roche's Point ... ..	30.40	63	N	3	o	30.25	-	61	+9	NW	2	c	2	0.01	67	51	bc	bc	bc	bc	*	
Birr Castle ... ..	30.37	61	NW	2	c	30.19	-	56	+0	W	1	c	2	0.01	64	42	c	c	c	c	3.5	
Donaghadee ... ..	30.30	60	W	2	c	30.14	-.03	56	+1	SW	2	bc	2	0.01	62	51	bc	ompg	odp	odp	*	
Liverpool Obsy. ... ..	30.31	59	WNW	3	c	30.15	-.03	56	+2	W	3	bc	3	0.02	60	54	c	bc	odp	odp	8.0	
Holyhead ... ..	30.35	58	W	2	cg	30.19	-.01	57	+2	W	2	bc	2	0.01	62	55	bc	bc	bc	bc	6.9	
Pembroke (St. Ann's Hd.)	30.37	56	N	1	b	30.22	-.04	58	+4	-	o	om	1	0.03	62	52	bc	bc	bc	bc	10.0	
Newquay ... ..	30.34	58	N	5	b	30.25	-.02	58	+3	SW	1	o	3	-	61	52	bc	bc	bc	bc	9.9	
SCANDINAVIA.																						
Scilly (St. Mary's) ... ..	30.36	58	NNE	4	bc	30.27	-.01	58	+2	WNW	1	c	2	-	63	53	cm	bc	b	b	8.5	
Jersey (St. Aubin) ... ..	30.31	61	N	3	b	30.26	-	51	-7	NW	2	bm	2	-	66	48	c	bc	bc	bc	9.9	
Portland Bill ... ..	30.29	61	N	1	b	30.23	-.03	58	+6	NNW	1	b	2	-	65	52	bc	b	b	b	*	
Dungeness ... ..	30.27	60	N	3	bc	30.22	-.01	54	+1	NW	2	bc	2	-	64	50	c	bc	bc	bc	*	
Dover ... ..	30.27	56	NNE	2	bc	30.18	-	56	+2	NW	1	b	2	-	65	49	b	b	b	b	10.9	
GERMANY, &c.																						
Wick ... ..	30.08	57	W	4	c	29.86	-.02	56	+8	SSW	3	o	4	0.07	59	48	ompg	ompg	ompg	ompg	*	
Nairn ... ..	30.11	59	WNW	2	c	29.92	-	57	+7	W	3	c	2	0.14	60	48	bc	bc	bc	bc	1.3	
Aberdeen ... ..	30.13	57	SW	1	o	29.94	-.04	55	+4	SW	2	o	2	0.07	61	50	c	c	c	c	0.5	
Leith ... ..	30.18	59	WSW	4	o	30.01	-.05	56	+5	WSW	3	c	2	-	62	50	og	c	c	c	*	
North Shields ... ..	30.22	60	W	3	o	30.07	-.03	54	+4	WSW	3	c	3	trace	62	50	c	c	c	c	3.2	
Spurn Head ... ..	30.25	56	ESE	1	c	30.13	-.02	56	+4	SW	2	om	3	-	60	50	cm	cv	c	c	6.1	
FRANCE.																						
Yarmouth ... ..	30.26	57	NW	2	bc	30.16	-.02	52	-2	W	2	bc	2	-	62	51	bc	bc	bc	bc	7.8	
Clacton-on-Sea ... ..	30.27	60	NNW	2	bc	30.19	-.02	50	o	W	1	bc	1	-	63	48	bc	bc	bc	bc	8.3	
Nottingham ... ..	30.26	60	NW	2	c	30.16	-	56	+15	WSW	3	om	-	-	62	40	c	c	c	c	2.0	
Bath ... ..	30.31	62	NW	-	b	30.23	-	53	+7	W	-	o	-	-	64	45	b	b	b	b	9.4	
London (Kew Obsy.) ... ..	30.28	60	-	o	bz	30.21	-.01	53	+5	W	1	om	-	-	63	48	cm	bc	bc	bc	7.9	
SPAIN, PORTUGAL, &c.																						
Spitzbergen ... ..	29.56	35	-	o	o	29.46	-.01	38	+1	-	o	o	*	-	39	34	-	-	-	-	-	
Isafjord ... ..	29.25	49	W	8	bc	29.11	+0.05	41	-10	NE	9	r	-	-	-	-	-	-	-	-	-	
Reykjavik ... ..	29.56	49	SW	5	o	29.22	+0.03	45	-4	W	8	c	-	-	-	-	-	-	-	-	-	
Vestmanna ... ..	29.61	47	W	6	o	29.26	+0.01	43	-5	W	9	b	3	-	-	-	-	-	-	-	-	
Seydisfjord ... ..	29.37	63	SSW	4	c	29.06	-.04	45	-9	WNW	4	b	-	-	-	-	-	-	-	-	-	
Thorshavn ... ..	29.86	53	WSW	5	o	29.50	-.03	50	-1	W	5	bc	-	-	-	-	-	-	-	-	-	
GALES.																						
Duration and Extreme Force on British Coasts.																						
GERMANY, &c.																						
Haparanda ... ..	29.65	39	NE	2	b	29.64	-.00	39	-7	E	2	b	-	-	50	34	-	-	-	-	-	
Hernösand ... ..	29.61	48	NW	2	b	29.77	-.02	46	-3	-	o	o	-	-	57	39	-	-	-	-	-	
Stockholm ... ..	29.82	48	N	2	b	29.86	+0.03	48	+1	W	2	b	-	trace	55	39	-	-	-	-	-	
Wisby ... ..	29.80	53	NE	6	b	29.88	+0.04	54	-1	NNW	4	b	-	0.18	55	52	-	-	-	-	-	
Karlstad ... ..	29.91	47	-	o	b	29.84	+0.02	52	+5	SSW	2	b	-	-	59	37	-	-	-	-	-	
Færd (X'lania Fjord) ... ..	29.93	56	WSW	3	b	29.84	-.01	56	+5	SW	2	c	1	-	57	50	-	-	-	-	-	
Bodö ... ..	29.78	41	SW	1	o	29.39	-.08	44	-1	E	5	r	3	0.10	48	39	-	-	-	-	-	
Christiansund ... ..	29.89	50	W	1	c	29.60	-.02	54	+7	SW	2	o	3	0.08	54	47	-	-	-	-	-	
Skudesnaes ... ..	30.04	54	NNW	2	c	29.89	-.01	54	+2	W	2	o	2	0.08	57	48	-	-	-	-	-	
The Scaw (Skagen) ... ..	29.96	51	NW	3	b	29.89	-.01	54	o	WSW	2	b	1	-	59	46	-	-	-	-	-	
Blaavands Huk ... ..	30.06	55	NNW	3	bc	30.04	-.00	56	+1	NNW	3	o	2	-	61	54	-	-	-	-	-	
GERMANY, &c.																						
Cuxhaven ... ..	30.06	56	N	5	c	30.03	-.00	57	o	NNW	3	o	1	0.04	61	55	-	-	-	-	-	
The Helder ... ..	30.18	58	NNW	5	c	30.15	-.00	58	o	W	3	o	2	trace	61	55	-	-	-	-	-	
Brussels ... ..	30.23	52	NNW	3	b	30.21	-.00	48	-3	SW	1	b	-	0.08	64	44	-	-	-	-	-	
Berlin ... ..	29.96	55	NW	3	b	30.04	+0.04	50	-5	NW	2	b	-	0.04	63	45	-	-	-	-	-	
Frankfurt ... ..	30.13	54	SW	1	c	30.20	+0.03	51	-4	SW	1	m	-	trace	64	48	-	-	-	-	-	
Munich ... ..	30.13	50	W	4	c	30.20	+0.02	48	-8	NW	5	o	-	0.63	56	46	-	-	-	-	-	
FRANCE.																						
C. Gris Nez ... ..	30.27	58	NNE	4	bc	30.20	-.02	58	+1	WSW	3	m	2	-	64	54	-	-	-	-	-	
La Hève ... ..	30.29	56	NNE	1	bc	30.21	-	55	+3	S	1	m	1	-	64	50	-	-	-	-	-	
Brest (St. Mathieu) ... ..	30.30	63	NE	5	b	30.29	-.01	54	-5	NE	1	b	1	-	68	52	-	-	-	-	-	
Lorient (Roc Melien) ... ..	?	64	NE	6	bc	?	-	55	-7	NE	3	b	2	-	68	50	-	-	-	-	-	
Rochefort (Ile d'Alx) ... ..	30.15	64	ENE	4	c	30.13	-.01	57	-6	NE	4	bc	-	-	73	52	-	-	-	-	-	
Biarritz ... ..	30.00	69	NNE	3	o	30.05	+0.03	56	-11	NE	3	b	2	0.32	72	54	-	-	-	-	-	
SPAIN, PORTUGAL, &c.																						
Paris ... ..	30.23	58	NNE	2	b	30.23	-.02	50	-4	NNE	2	b	-	-	66	45	-	-	-	-	-	
Belfort ... ..	30.19	51	-	o	m	30.23	-	42	-13	E	3	f	-	0.08	66	39	-	-	-	-	-	
Lyons ... ..	30.13	57	NNW	4	b	30.10	-	49	-11	NNW	4	b	-	-	66	46	-	-	-	-	-	
Nice ... ..	29.73	71	-	o	c	29.75	+0.01	69	-3	-	o	b	-	-	79	61	-	-	-	-	-	
Perpignan ... ..	29.89	75	W	3	b	29.91	+0.03	66	+1	NW	2	bc	-	-	69	57	-	-	-	-	-	
Sanguinaire ... ..	29.93	76	W	3	o	29.89	-.04	73	-.2	E	2	m	4	-	77	64	-	-	-	-	-	
SPAIN, PORTUGAL, &c.																						
Corunna (S.m.) ... ..	29.14	65	NNW	3	b	30.11	-.00	64	+3	NNE	3	b	3	-	68	59	-	-	-	-	-	
Lisbon (S.m.) ... ..	29.88	70	E	3	b	29.88	+0.02	65	-4	NNE	4	b	2	-	75	61	-	-	-	-	-	
Gibraltar ... ..	29.89	67	W	2	bc	29.87	-	61	-2	W	3	bw.	-	-	78	60	-	-	-	-	-	
Azores (Horta S.m.) ... ..	30.45	68	NNE	4	o	30.35	-.02	68	-3	NNE	4	o	3	0.04	75	68	-	-	-	-	-	
Madeira (Funchal) ... ..	30.07																					



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



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



## GENERAL INFERENCE

The depression which is centred over Northern Ireland will continue to spread southwards. Small secondary disturbances will probably be

## WEATHER PROSPECTS.

developed over the United Kingdom, and showery weather is, therefore, likely to become general, with a temperature differing but little from the normal.

## FORECASTS FOR THE 24 HOURS NOON THURSDAY

## TO NOON FRIDAY.

0 { a } S.W. to W. winds, strong in places; squally, showery; moderate temperature.  
b }

1 { S.W. and W. winds, freshening; changeable, some showers, fair intervals; moderate temperature.  
2 { a }  
b }

3 { S.W. winds, light or moderate  
4 { a } changeable, some showers, fair  
b } intervals; moderate 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 } W. winds, strong in places; squally, showery; moderate temperature.  
b }

7 { a } Same as Nos. 1 and 2.  
b }

8 { a } W. winds, light or moderate, fair generally, but slight showers locally; moderate temperature.  
b }

9 { a } Same as No. 6 a.  
b }

10 { a } Same as No. 8.  
b }

## 11 WESTERN CHANNEL AND BAY.

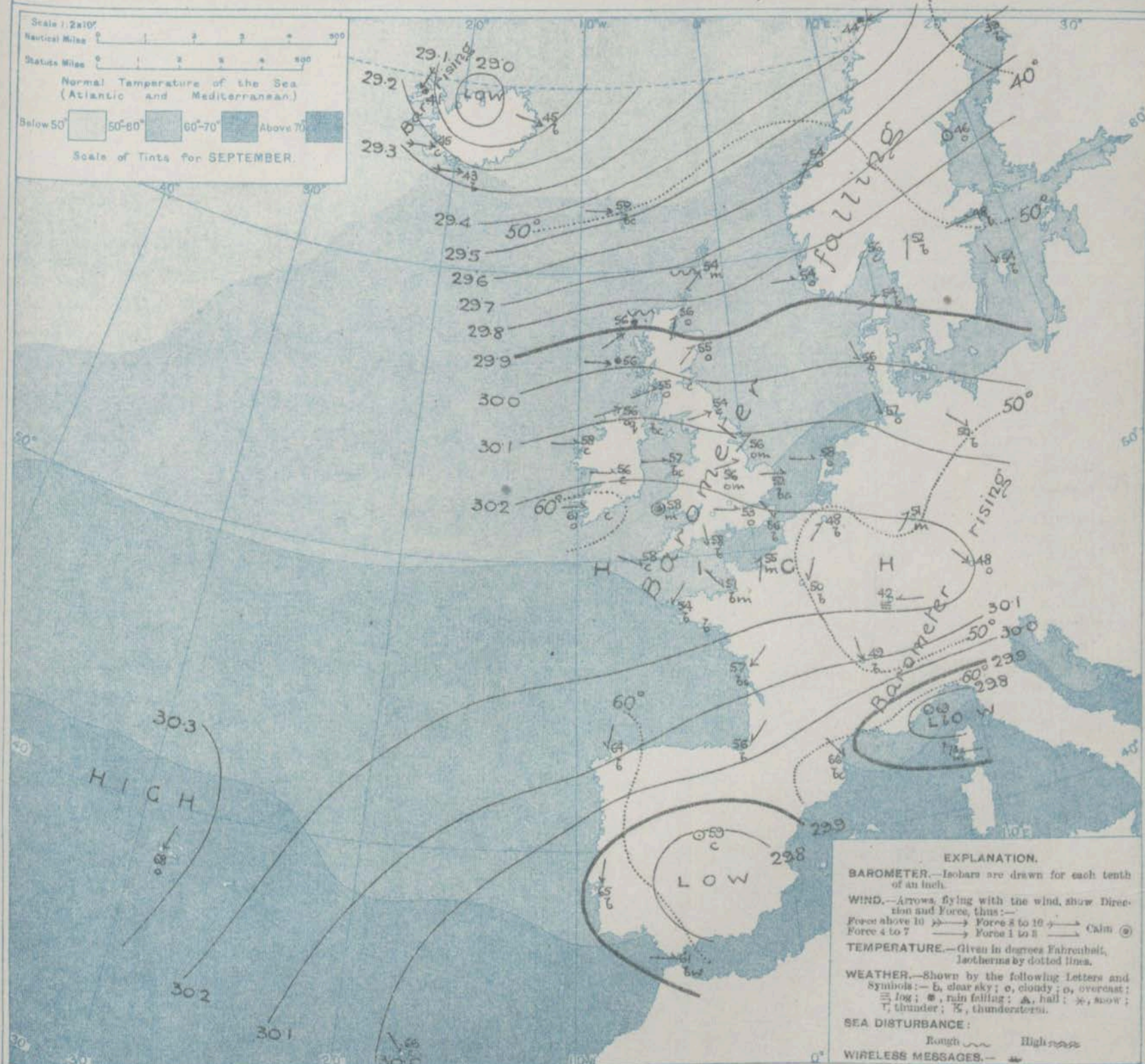
Light S.W. to W. winds mouth Channel; S.W. winds further south; sea slight generally and weather fair; rather cool.

## THE FURTHER OUTLOOK. (ALL DISTRICTS).

Mild, showery weather is likely to continue.



# SYNOPTIC CHART FOR 7 A.M. THURSDAY, 11<sup>TH</sup> SEPTEMBER 1913.



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

The anticyclone recently noticed over our area is moving southwards and is diminishing in intensity. A deep depression is centred over Northern Ireland and is causing a fall of the barometer over North-Western Europe generally. Between Scotland, Norway and Iceland the gradient has become rather steep.

The wind is S.W. or S. S.W. over all the more northern parts of our observation; in Shetland it is high in force, and in Western Ireland it blows with the strength of a gale. In Germany the wind is N.W., and in France it is N. or N.E.

Temperature has risen rather decidedly over the United Kingdom and the countries to the eastward of the North Sea, fallen elsewhere. Over the United Kingdom the readings range from a trifle above 60° in the south of Ireland to a little below 55° in the south and east of England. Over Belgium, Central France and South Germany the thermometer is below 50°. The weather is fair or fine over Western Europe as a whole, but rain is falling in the Hebrides and at Bunkers, as well as at Bodø. The sea is slight or smooth generally, but rather rough off the north of Scotland.



## DAILY WEATHER REPORT.

Thursday, 11th September 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- omeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- omeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
10th 6 p.m.	51	11	Caronia	O	30.44	+0.2	NNW	4-5	b.										
10th 7 a.m.	56	14	Empress of Britain	H	30.40	-0.3	SW	4-5	m.										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	0.01	59	47	c.b.c.	o	0.1	England, S.E.	Margate	0.04	64	54	b	b	9.0
	Stonehaven	0.03	68	42	c	or	0.3		Ramsgate	0.10	61	52			9.2
	Carnoustie	0.01	63	43			2.0		Folkestone	0.12	63	50	r.b.c.	b.b.c.	9.0
	St. Andrews	-	63	44	o	b.c.	1.1		Hythe						
Engl. N.W.	Harrogate	-	63	43	b.c.	b.b.c.	4.8	England, S.W.	Littlestone						7.7
	Scarborough	-	62	48	c.b.	b.c.	6.4		Hastings	0.15	65	48	or.b	b	9.0
England, N.W.	Douglas	-	62	50	b	b.o.	7.2	England, S.E.	Bexhill-on-Sea	0.12	65	48	b.b.c.	b.o.b.c.	7.6
	Blackpool	-	61	40	c.o.c.	b.e.o.	7.9		Eastbourne	0.13	66	47	b	b.c.	7.1
	Southport	-	60	41	b.b.c.	b.c.b.	8.0		Seaford	0.10	64	48	b	b.c.	7.3
Mid- lands.	Buxton	-	59	37	b.c.	b.c.	4.2	England, S.W.	Brighton	0.10	65	49	b.c.	b.c.c.	7.3
	Leamington Spa	-	64	39	b	o.	6.0		Worthing	0.12	65	47	b.c.	b.c.	7.4
	Malvern	-					6.5		Littlehampton	0.05					7.4
Wales.	Rhyl	-	59	46	b.c.c.	b.c.c.	6.8	England, S.W.	Southsea	0.04	65	49	b	b.b.c.	8.6
	Colwyn Bay	-	61	50	b.c.b.c.	b.c.	6.0		Ryde	-	69	55	b.c.	b.c.	8.0
	Llandudno	0.01	62	54	b	b.c.c.	7.3		Ventnor	0.10	67	49	*	*	9.0
	Bettws-y-Coed	-	63	46	*	*	7.3		Bournemouth	0.08	66	45	b	b	10.3
England, E.	Aberystwyth	-	59	49	c.b.	b.c.c.	10.0	England, S.W.	Weymouth	-	68	48	b	b.c.	9.1
	Tenby	0.02	66	50	b	b	9.5		Exmouth	-	64	49	b.c.	b.c.	8.4
	Lowestoft	0.02	61	47	b.c.c.	c.b.c.c.	7.5		Teignmouth	-	66	51	b	b.b.c.	7.6
	Felixstowe	-	64	40	b.c.	b.c.	8.0		Torquay	-	65	52	b	b.c.	8.1
England, E.	Walton-on-Naze	-	63	47	b.b.c.	b.c.	8.1	England, S.W.	Paignton	-					
	Southend-on-Sea	-	65	54	b.c.	b.c.	8.0		Falmouth	-	64	51	b.c.	b.c.	9.4
								England, S.W.	Bude	0.01	66	49	w.b.c.	b	10.3
									Ilfracombe	0.01	64	54	b.c.	b.c.	9.3
								England, S.W.	Weston-super-Mare	-	65	46	b	b.c.	6.0

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.				Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.	Fore- noon.		After- noon.	Night.	
			Max.	Min.						
			%	%	F.		F.			F.
Greenwich (Royal Obs.) ...	61	76	64	48	38	-	b	c	c	
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	
Westminster (St. James's Pl.)	57	81	65	50	45	-	b.c	b.c	b.c.m	
Camden Sq. (Brit. Rainfall)	52	78	66	49	46	-	b.b.c	b.c	b.c	
Hampstead (Reservoir) ...	*	85	62	49	37	-	b.c	o	b.c.o	
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.)	sq	77	123.4 Joules.		26.4 Milliwatts.		67 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.				WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.		
		Max.	Min.						
Dublin to 4 p.m.	-	In.	F.°	F.°	F.°				11
Plymouth to 9 p.m.	-		63	46	44	bc	bc	c.o	7
Darwen	-		66	51	45	c.b	bc	bc	54
Manchester "	-		62	43	36	bcw.g	o	bc.o	32
Birmingham "	-		63	41	"	af	bf	bc.c	3
Birmingham "	-		62	43	29	-	e	c	3
Oxford to 8 p.m.	-		64	42	36	o.b.bw	bc.bcm	bcm	
S. Kensington (Museum Grounds to 6 p.m.)	Trace		64	47	38	o.bc	bc.c	c.bz	

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

11th Sept. 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.22	11.50	6.18
	5.23	11.49	6.16
Greenwich	5.30	11.57	6.24
	5.31	11.56	6.22
Wick	5.25	12.9	6.43
	5.37	12.8	6.40
Valencia	6.10	12.38	7.6
	6.11	12.37	7.4

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 65° and upwards in several parts of Great Britain, but at some of the northern stations it failed to reach 60°. Very little bright sunshine was recorded in Scotland but over England and Ireland the amount was considerable, nearly 11 hours at Dover. Slight rain was experienced in the western and extreme northern districts generally.

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.

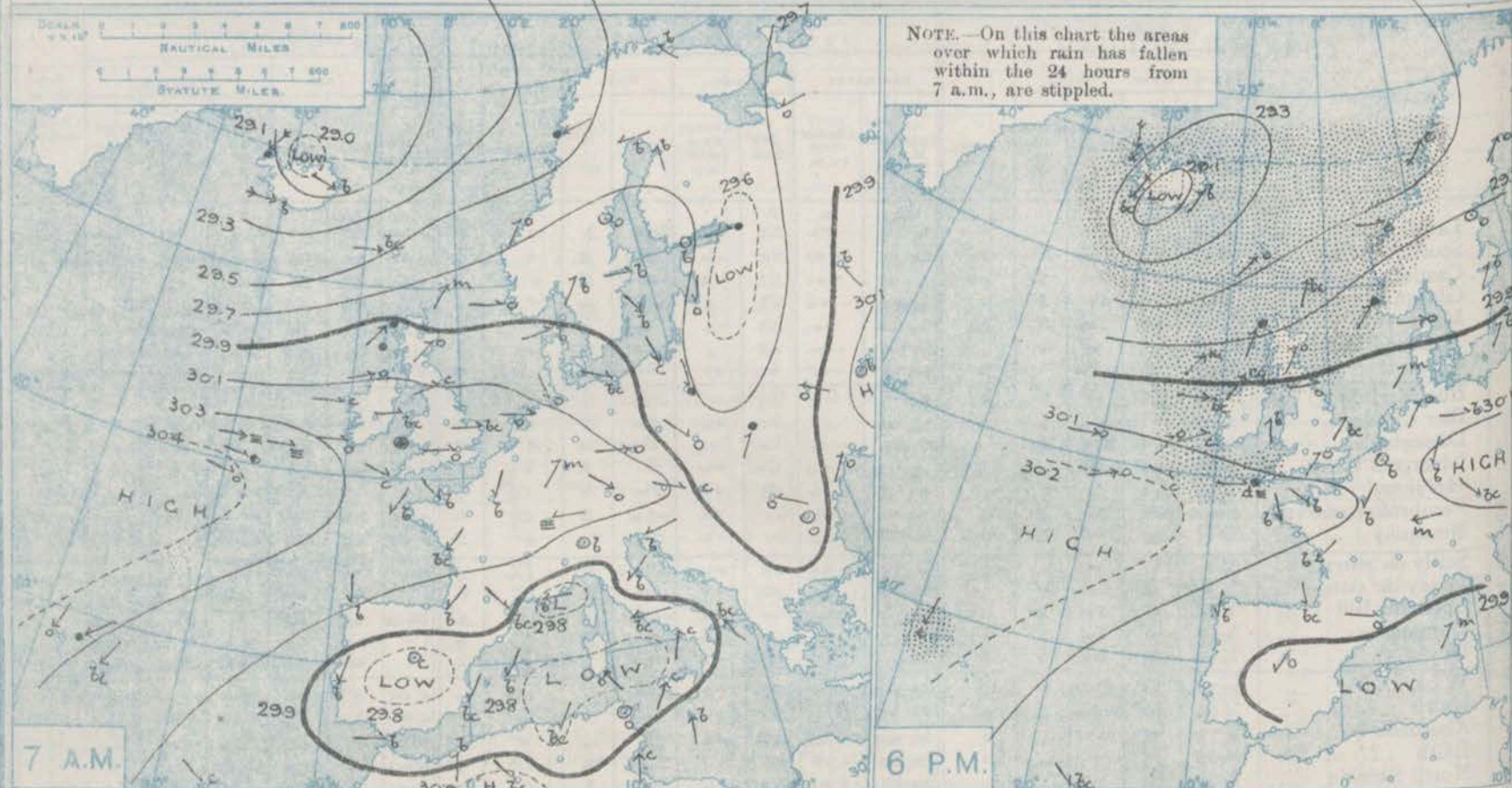


Friday,  
12th September, 1913.

† Received too late for insertion in Charts.



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



GENERAL INFERENCE

## WEATHER PROSPECTS.

A deep depression centred over the Faroe will occasion a general increase in the

S.W. current over this country, with squally and less settled weather.

## FORECASTS FOR THE 24 HOURS NOON FRIDAY

## TO NOON SATURDAY

### FORECAST DISTRICTS.



### STORM WARNINGS.

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

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

South Cone hoisted in Districts 0, 1, 6 and 9 at 7.25 p.m. yesterday. At 8.5 a.m. today in all other districts.

Increasing S.W. to S.E.

squally winds, strong to a gale

at times in places; cloudy to

dull, some rain, local mist

or fog; moderate temperature

Same as Tues. 0 to 5.

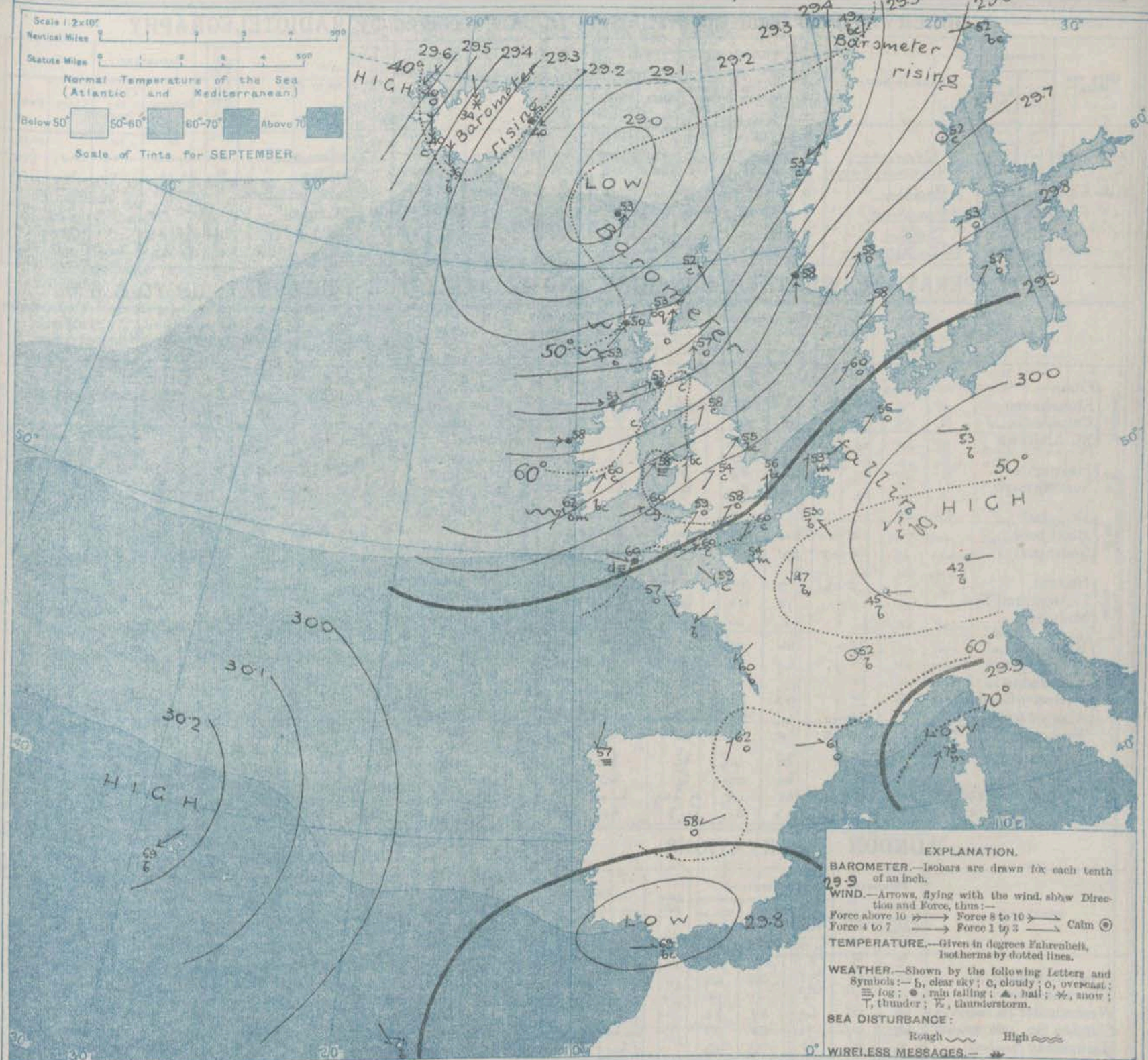
## THE FURTHER OUTLOOK.

### 11 WESTERN CHANNEL AND BAY.

Channel - increasing S.W. to S.E. winds, strong to a gale at times; sea moderate to rough. Bay - light to fresh S.W. and S.E. breezes; slight to moderate sea, considerable swell; cloudy to dull, some rain mist or fog; moderate temperature.



# SYNOPTIC CHART FOR 7 A.M. FRIDAY, 12<sup>TH</sup> SEPTEMBER 1913.



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

Pressure is now highest, 30.2 in., over the Azores; it is also above 30 in. over Central Europe. In a deep depression which has arrived over the Faeröe pressure is below 29 in.; in another depression over Southern Spain it is at about 29.3 in. There are indications of a secondary disturbance to the westward of Ireland. The gradient has become rather steep in most regions.

Light variable winds prevail over France and Germany, over the rest of our area the winds show a cyclonic circulation round the northern pressure minimum. Fresh to strong winds are

reported on various sections of our own and the Norwegian coasts, a severe N.W. gale over Western Iceland. The temperature changes are very irregular. At the home stations the values range from 50° at Stornoway, to 63° at Leith; on the Continent from 42° at Munich to 62° at Biarritz, and 69° at Gibraltar; and in Iceland from 34° to 40°; at Spitzbergen the reading is 39°. Fine, clear weather prevails on the Continent, but elsewhere it is mostly very cloudy to overcast. Rain is falling at several of our own western stations and at some of the northern foreign ones, snow in the north of Iceland. The atmosphere is foggy at Holyhead and Sillby.



## DAILY WEATHER REPORT.

Friday, 12th September 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.	
12th 7 a.m.	49	11	Oceanic	H	29.80	-.08	WSW	1-5	bc.	11th 6 p.m.	56	11	Victorian	O	29.84	-.04	SW	6-7	m
" "	49	6	Philadelphia	H	29.91	-.10	WSW	1-3	o.	" 1 p.m.	51	15	Baltic	H	30.22	-.06	W	1-3	o.
11th 6 p.m.	51	20	Arabic	O	30.11	-.08	W	1-3	o.	" 7 a.m.	49	19	Philadelphia	H	30.41	-.13	WNW	1-3	f
" "	49	18	Oceanic	H	30.20	-.09	WSW	4-5	o.	" "	51	18	Caronia	O	30.34	.00	W	6-7	f
" "	51	13	Baltic	H	30.08	-.06	SW	1-3	o.	" "	50	18	Baltic	H	30.38	-.01	WNW	1-3	o.
" "	49	13	Philadelphia	H	30.27	-.02	WNW	1-3	c.	" "	51	15	Arabic	O	30.33	-.01	W	1-3	f

## 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.			Hr.		In.	F.	F.			Hr.	
Scotland.	{ Oban ... ..	...	...	...	...	...	{ Margate ... ..	...	...	...	...	...	...	
	{ Stonehaven ... ..	0.03	66	48	cgp	cg	2.0	{ Ramsgate ... ..	...	70	51	b	b.	9.2
	{ Carnoustie ... ..	0.02	65	50			4.4	{ Folkestone ... ..	...	66	50			9.5
	{ St. Andrews ... ..	-	63	51	bc	bc.	3.2	{ Hythe ... ..	...	64	51	b. bc	bc. b.	7.9
Eng. N.E.	{ Harrogate ... ..	...	65	53	b	b	11.1	{ Littlestone ... ..	...	...	...	...	...	9.2
	{ Scarborough ... ..	...	74	54	bc	bc.	11.0	{ Hastings ... ..	...	66	52	b	b.	8.0
England, N.W.	{ Douglas ... ..	...	...	...	...	...	{ Bexhill-on-Sea ... ..	...	65	51	b. bc	c. bc. b.	8.7	
	{ Blackpool ... ..	...	64	55	c. bc. c	c	8.4	{ Eastbourne ... ..	...	65	50	*	*	9.0
	{ Southport ... ..	0.03	63	55	bc. b	b	8.7	{ Seaford ... ..	...	65	49	bc	b.	9.0
								{ Brighton ... ..	...	66	49	o. c. bc.	bc. b.	8.8
Mid- lands.	{ Buxton ... ..	0.02	64	50	bc. r	bc. b.	9.4	{ Worthing ... ..	...	66	49	bc	bc.	7.5
	{ Leamington Spa ... ..	-	70	46	bc	bc	6.2	{ Littlehampton ... ..	...	...	...	...	...	7.4
	{ Malvern ... ..	...	...	...	...	...	5.0	{ Southsea ... ..	...	69	48	b	b. bc. c	8.5
								{ Ryde ... ..	...	67	57	b	bc	8.5
Wales.	{ Rhyl ... ..	...	66	52	b	bc.	10.0	{ Ventnor ... ..	...	66	50	*	*	11.3
	{ Colwyn Bay ... ..	...	69	53	b	b	10.5	{ Bournemouth ... ..	...	70	47	b	bc.	8.3
	{ Llandudno ... ..	...	...	...	...	...	...	{ Weymouth ... ..	...	70	50	b	b	10.0
	{ Bettws-y-Coed ... ..	...	63	51	b	b	2	{ Exmouth ... ..	...	68	49	b	b	5.8
England, E.	{ Aberystwyth ... ..	0.10	64	55	c. bc	c. b	6.0	{ Teignmouth ... ..	...	70	51	b	b. bc.	6.0
	{ Tenby ... ..	0.05	65	47	bc	b	8.5	{ Torquay ... ..	...	71	49	c	bc	6.3
	{ Lowestoft ... ..	...	68	49	bc	bc.	5.0	{ Paignton ... ..	...	73	47	bc. b	b. bc.	8.4
	{ Felixstowe ... ..	...	69	50	bc	bc.	7.2	{ Falmouth ... ..	...	71	49	o. c	bc.	5.4
	{ Walton-on-Naze ... ..	...	65	48	b. bc.	bc. m.	7.1	{ Bude ... ..	...	65	47	bc	od. o	0.5
	{ Southend-on-Sea ... ..	...	73	51	bc. b	bc.	7.5	{ Ilfracombe ... ..	0.02	63	57	cm. c	m. c	1.0
							{ Weston-super-Mare ... ..	...	66	50	bc. d	bc. b.	4.5	

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.		Sunshine for Yesterday.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
	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.)	64	81	71	55	49	c	c. bc.	5.4	Dublin to 4 p.m.	0.01	70	56	53	p. c. b.	7.8
City (Bunhill Row)	...	...	...	...	...	...	...	3.5	Plymouth to 9 p.m.	-	68	49	42	bc. r	6.4
Westminster (St. James's Pl.)	65	89	69	57	52	bc	bc.	4.3	Darwen	0.14	64	51	52	orc	8.3
Camden Sq. (Brit. Rainfall)	65	77	72	55	51	o. bc.	bc. b.	3.5	Manchester	0.05	67	46	...	bc.	5.0
Hampstead (Reservoir)	...	82	68	55	43	c. bc.	b	3.0	Birmingham	-	69	51	44	c	...
Kew. (See front page.)	...	...	...	...	...	...	...	...	Oxford to 8 p.m.	...	69	50	43	cm. bc.	...
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.															
Total.			Mean Rate.		Max. Rate.				S. Kensington (Museum Grounds to 6 p.m.)						
911			Joules.		19.2 Milliwatts.				69 51 42 bc. bc. c c. o. c						

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

12th-13th Sept. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 5.23 5.25	G.M.T. 11.49 11.49	G.M.T. 6.16 6.13
Greenwich	5.31 5.33	11.56 11.56	6.22 6.19
Wick	5.37 5.39	12.08 12.08	6.40 6.37
Valencia	6.11 6.13	12.37 12.37	7.4 7.1

## NOTES ON YESTERDAY'S WEATHER.

A S.W. to S.W. gale was felt locally round Scotland during the night. Temperature turned 70° at a few of the home stations, but remained below 60° at some northern ones. Small amounts of rain fell at most of the northern and western stations. The duration of bright sunshine exceeded 11 hours at Harrogate, Scarborough, Jersey and Ventnor, but in Scotland the records were very small, none at Castlebay. As far west as the 22nd meridian ships experienced light to strong W. breezes, and fair to dull weather, with local mist & fog.

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

Saturday,  
13th September, 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.	Direc.	Change since 4 a.m.				Dry Bulb.	Change since Yester- day.	Max.	Min.						Morn'g. 7 a.m. to 1 p.m.	Aftern. 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.				
BRITISH ISLANDS.	Lerwick ... ..	29.28	53	SSW	7	bc	29.55	+0.4	49	-4	WSW	2	bc	3	0.04	55	47	bcq	bcq	bcq	Hours		
	Stornoway ... ..	29.43	47	SW	5	cpq	29.58	+0.4	38	-12	N	1	bc	1	0.23	56	37	cpq	cpq	cpq	5.4		
	Castlebay (Barra Isd.)	29.46	53	W	4	bc	29.55	+0.1	45	-8	-	0	b	1	0.05	55	43	cp bc	c bc	bc sp	8.1		
	Glasgow ... ..	29.54	52	WSW	2	c	29.55	-0.1	46	-7	-	0	o	0	0.27	53	45	r	pd. o	c bc o	0.0		
	Malin Head ... ..	29.53	54	WNW	4	cmq	29.53	+0.2	51	-2	N	3	bc	2	0.07	55	47	cmq	cmq	bc	0		
	Blacksod Point ... ..	29.58	53	W	2	c	29.57	-0.1	48	-10	NW	2	bc	1	0.20	60	45	cm	cp	cp bc	0		
	Valencia ... ..	29.60	55	NEW	1	c	29.54	+0.1	51	-11	N	1	c	3	0.36	63	46	omr	omr	cp	0.1		
	Roche's Point ... ..	29.59	53	WSW	4	r	29.51	-	50	-12	N	3	c	2	0.78	66	50	bc cor	r	ro. c	0		
	Birr Castle ... ..	29.60	52	W	2	o	29.52	-	44	-16	WNW	1	c	2	0.46	61	43	vr	vr	c	0.4		
	Donaghadee ... ..	29.58	54	SSW	2	op	29.51	-0.2	53	-7	NNW	3	r	2	0.14	60	49	omr	omr	cmq bc	0		
SCANDINAVIA.	Liverpool Obsy. ... ..	29.59	58	SW	3	c	29.43	-0.3	54	-6	S	1	r	2	0.37	70	53	bcp o	bc sp.	c bc	7.6		
	Holyhead ... ..	29.61	54	N	1	odm	29.46	-0.2	51	-7	ESE	3	omr	3	0.93	65	51	bc cor	bc cor	omr	2.6		
	Pembroke (St. Ann's Hd.)	29.60	59	SW	6	c	29.40	-0.2	51	-9	N	5	omr	5	1.74	63	51	cg	cg	cg bc	1.5		
	Newquay ... ..	29.67	62	SSW	4	o	29.38	-0.5	58	-2	S	4	omr	3	0.10	69	56	bc o	bc o	bc	1.2		
	Scilly (St. Mary's) ... ..	29.66	61	SSW	4	cp	29.39	-0.6	54	-6	-	0	omr	2	0.90	65	54	f	omr	omr	2.2		
	Jersey (St. Aubin) ... ..	29.81	62	SW	1	b	29.56	-	59	0	SW	2	bc	2	-	67	54	c o c	c bc	bc	6.6		
	Portland Bill ... ..	29.74	60	SW	5	c	29.50	-0.4	60	0	S	5	b	4	Trace	62	57	bc	bc	bc	0		
	Dungeness ... ..	29.81	61	SW	3	bc	29.61	-0.2	60	0	SE	3	bc	3	-	66	58	bc	bc	bc	0		
	Dover ... ..	29.77	59	SW	3	b	29.60	-	56	-2	SW	1	m	2	0.01	63	52	c bc	b	bc	6.5		
	Wick ... ..	29.41	52	WSW	3	bc	29.59	+0.4	40	-13	W	2	bc	2	Trace	58	37	omr	omr	omr	0		
GERMANY, &c.	Nairn ... ..	29.43	54	WSW	4	bc	29.58	-	39	-14	-	0	bc	1	-	59	36	q b o	q b o	bc	4.3		
	Aberdeen ... ..	29.49	55	SW	1	o	29.58	+0.2	46	-11	-	0	o	2	0.01	63	46	op. cg	o c	o c	0.4		
	Leith ... ..	29.52	55	WSW	1	o	29.53	-0.1	51	-12	SE	1	r	0	0.13	64	48	or	og	c	0		
	North Shields ... ..	29.59	60	SW	3	o	29.50	-0.2	52	-6	MNE	3	o	2	0.30	69	51	c	og	c	5.8		
	Spurn Head ... ..	29.66	63	SSW	4	c	29.57	-0.0	58	+3	S	4	bc	4	-	69	53	bc	cg	c bc	7.2		
	Yarmouth ... ..	29.72	65	S	4	bc	29.60	-0.2	57	+1	S	1	bc	1	-	67	55	bc	bc	bc	6.6		
	Clacton-on-Sea ... ..	29.75	63	SSW	4	b	29.59	-0.2	61	+3	S	3	bc	2	-	66	58	c bc	b	bc	7.5		
	Nottingham ... ..	29.69	64	SW	3	bc	29.57	-	58	+4	S	2	c	0	-	69	54	c bc	bc	c bc	2.2		
	Bath ... ..	29.72	63	SSW	4	o	29.49	-	59	0	SE	-	c	0	-	67	57	bc o	od o	o	1.8		
	London (Kew Obsy.) ... ..	29.74	63	SSW	2	bc	29.56	-0.4	54	-4	-	0	omr	0	-	67	50	omr	oc bc	bc	6.2		
FRANCE.	Spitzbergen ... ..	29.48	36	NE	7	bc	29.26	-0.4	36	-3	SE	2	c	0	?	39	32	-	-	-			
	Isafjord ... ..	29.82	41	N	9	c	30.06	+0.4	35	-5	N	2	c	0	-	-	-	-	-	-			
	Reykjavik ... ..	29.65	44	N	8	o	30.01	+0.4	41	+1	N	4	b	0	-	-	-	-	-	-			
	Vestmanna ... ..	29.47	42	M	10	b	29.57	+0.6	37	+1	N	8	b	1	-	-	-	-	-	-			
	Seydisfjord ... ..	29.26	45	N	3	c	29.78	+1.0	39	-1	N	6	o	0	-	-	-	-	-	-			
	Thorshavn ... ..	28.90	47	HW	1	c	29.57	+1.1	45	-8	NW	3	c	0	-	-	-	-	-	-			
	Haparanda ... ..	29.57	55	SW	2	o	29.53	-0.0	55	+3	SW	6	o	0	-	57	41	-	-	-			
	Hernösand ... ..	29.60	57	S	4	b	29.63	+0.4	58	+6	S	2	b	0	-	63	52	-	-	-			
	Stockholm ... ..	29.80	55	S	2	bc	29.86	+0.4	58	+5	SW	2	b	0	Trace	61	52	-	-	-			
	Wisby ... ..	29.89	57	SSW	2	b	29.92	+0.1	60	+3	SSW	2	o	0	-	61	54	-	-	-			
PORTUGAL &c.	Karlstad ... ..	29.76	59	SW	2	o	29.80	+0.2	58	0	SW	2	o	0	-	63	55	-	-	-			
	Færder (X'ania Fjord)	29.69	59	SSW	6	m	29.73	+0.3	59	+1	S	6	m	3	-	61	57	-	-	-			
	Bodö ... ..	29.29	53	SW	2	r	29.23	+0.2	52	+3	S	4	c	2	0.20	55	48	-	-	-			
	Christiansund ... ..	29.39	52	SW	5	r	29.48	+0.1	53	0	SW	1	b	3	0.28	57	50	-	-	-			
	Skudesnaes ... ..	29.56	59	S	8	c	29.63	+0.1	53	-5	S	2	r	5	0.55	59	52	-	-	-			
	The Scaw (Skagen) ... ..	29.80	61	SW	3	c	29.78	+0.1	59	+1	S	4	bc	1	-	68	57	-	-	-			
	Blaavands Huk ... ..	29.84	60	SSW	2	m	29.75	+0.1	57	-3	SSE	1	m	1	-	64	55	-	-	-			
	Cuxhaven ... ..	29.86	58	S	2	b	29.75	-0.2	51	-4	S	2	b	0	-	66	48	-	-	-			
	The Helder ... ..	29.81	54	S	3	b	29.61	-0.4	54	+1	SSE	2	b	1	-	64	46	-	-	-			
	Brussels ... ..	29.81	54	E	1	b	29.65	-0.6	53	0	SE	2	b	0	-	69	48	-	-	-			
SPAIN.	Berlin ... ..	29.92	58	S	1	b	29.89	-0.2	53	0	S	3	b	0	-	64	48	-	-	-			
	Frankfurt ... ..	29.87	55	E	1	b	29.78	-0.3	57	+3	SE	1	b	0	-	68	45	-	-	-			
	Munich ... ..	29.93	48	E	2	b	29.84	-0.2	45	+3	S	1	b	0	-	59	39	-	-	-			
	C. Gns Nez ... ..	29.80	61	SSW	3	b	29.60	-0.4	56	+1	SSE	2	b	2	-	66	54	-	-	-			
	La Hève ... ..	29.81	61	N	2	m	29.55	-	53	-1	E	2	m	1	-	70	48	-	-	-			
	Brest (St. Mathieu) ... ..	29.79	61	SSW	2	b	29.51	-0.8	60	+3	S	4	c	4	-	70	57	-	-	-			
	Lorient (Ile de Melan) ... ..	?	64	W	1	b	29.54	-	60	+6	SSW	2	c	3	-	70	54	-	-	-			
	Rochefort (Ile d' Aix)	29.81	62	WSW	3	b	29.64	-0.1	60	0	S	3	c	0	-	73	52	-	-	-			
	Biarritz ... ..	29.77	66	NE	3	b	29.61	-0.1	68	+6	S	2	o	1	-	72	61	-	-	-			
	Paris ... ..	29.80	59	-	0	b	29.65	-0.2	55	+8	SSE	2	b	0	-	68	47	-	-	-			
AFRICA.	Belfort ... ..	29.87	63	-	0	c	29.80	-	52	+7	E	3	o	0	-	69	45	-	-	-			
	Lyon ... ..	29.86	63	-	0	o	29.77	-	59	+7	SE	1	r	0	0.20	70	52	-	-	-			
	Nice ... ..	29.88	64	-	0	c	29.78	-0.1	63	-1	-	0	c	2	-	75	59	-	-	-			
	Perpignan ... ..	29.82	68	NE	1	bc	29.72	-0.3	59	-2	-	0	c	0	-	73	55	-	-	-			
	Sanguinaire ... ..	29.88	71	SW	2	m	29.88	-	72	-1	E	2	o	3	-	79	66	-	-	-			
	Corunna (S.a.m.) ... ..	29.80	62	WNW	2	b	29.76	-0.0	59	+2	SSW	2	r	4	-	68	54	-	-	-			
	Lisbon (S.a.m.) ... ..	29.89	65	WNW	4	b	29.89	+0.1	65														

GALES.  
Duration and Extreme Force  
on British Coasts.

Lerwick 8 p.m.  
E. SSW 8.

\* Information for these columns not usually received.

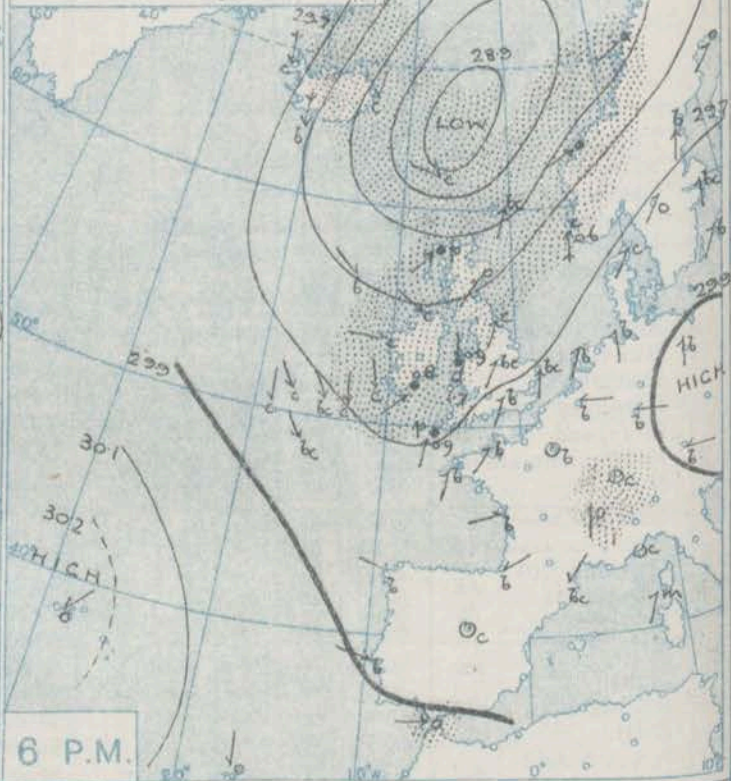
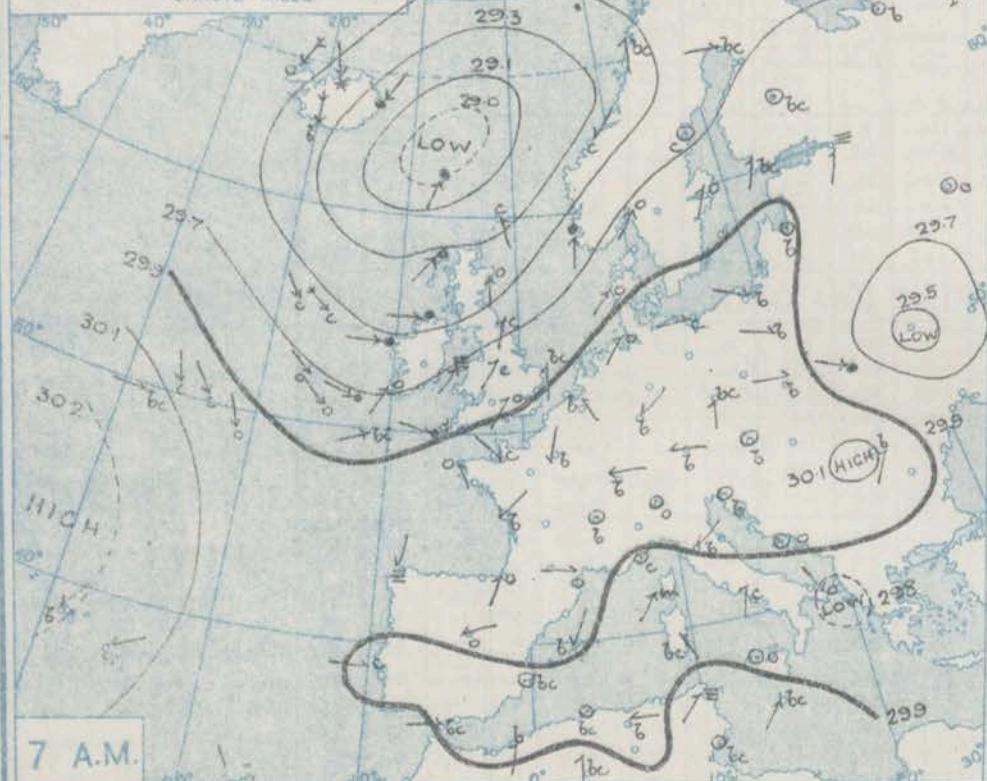
† Received too late for insertion in Charts.



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



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 our south-western districts is likely to move in an easterly or southeasterly direction, and to occasion rain over

our southern districts generally. In its rear the wind over England will shift to the  $N.W.$ , with a decided fall of temperature.

## FORECASTS FOR THE 24 HOURS NOON SATURDAY

## TO NOON SUNDAY

- 0 { <sup>a</sup> Light  $S.E.$  to moderate  $N.E.$  winds;  
<sup>b</sup> fair generally, but slight local showers; very cool.
- 1 { Variable breezes, finally  $N.E.$ ;  
some rain at first, then fair;
- 2 { <sup>a</sup> very cool.  
<sup>b</sup>
- 3 { Light or moderate  $S.E.$  winds,  
and fair, warm weather; wind shifting
- 4 { <sup>a</sup> later to the  $N.W.$ , with rain, and a  
<sup>b</sup>
- 5 { Decided fall 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 Cone.	South Cone.
North Cone.	North Cone.

South Cone still flying in Districts 2, 3, 5, 7, 8 and 10.

- 6 { <sup>a</sup> Same as No. 0  
<sup>b</sup>
- 7 { <sup>a</sup>  $N.E.$  winds, moderate or fresh;  
<sup>b</sup> rainy at first, improving later;  
very cool.
- 8 { <sup>a</sup> very cool.  
<sup>b</sup>
- 9 { <sup>a</sup>  $N.E.$  winds, light to fresh; fair  
<sup>b</sup> generally, but slight local showers;
- 10 { <sup>a</sup> very cool.  
<sup>b</sup>

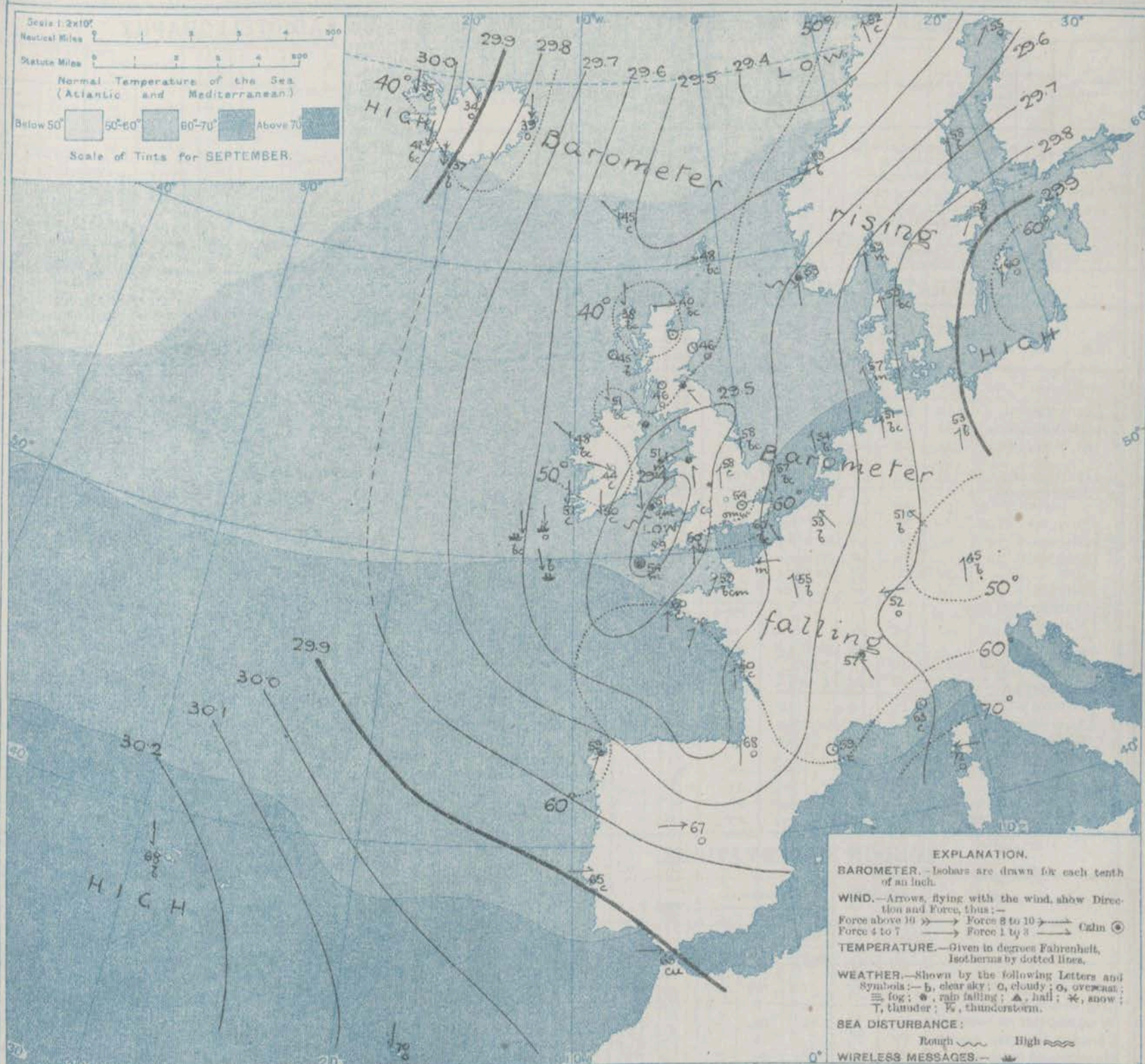
## 11 WESTERN CHANNEL AND BAY.

Light to fresh  $S.E.$  to  $S.W.$  or  $N.E.$  winds, and a moderate or rather rough sea; cloudy, showery; becoming cooler.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. SATURDAY, 13<sup>TH</sup> SEPTEMBER 1913.



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

The barometer remains highest over the Azores region, but is relatively high over Western Iceland and also over the Baltic. A well marked depression lies over Spitzbergen, and a small secondary has been developed over South Wales and the south-west of England.

The wind is light to fresh from the S.W. over England and the western portions of the Continent, but has shifted to the N.W. on all our western coasts. In Iceland the N.W. wind is inclined to subside. Temperature has risen somewhat over the south-eastern quarter of England, but has fallen briskly in Ireland, Scotland and Wales. The morning readings range from about 60° on our south and south-east coasts to 45° and less in Central Ireland,

and to a trifle below 40° over the northern and central parts of Scotland. The weather is fine in the south and east of England and the western portions of the Continent, as well as on our extreme western and northern coasts, but rain is falling heavily in Wales and the south-west of England. The sea is slight or smooth generally, but moderate in the Channel, and rather rough off Pembroke.



## DAILY WEATHER REPORT.

Saturday, 13th September 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.	
13th 7 a.m.	51	13	Carnegie	H	29.60	-.02	N	(0-12).	bc.	12th 7 a.m.	49	29	Carnegie	O	30.14	-.10	W	6-7	bc.
"	51	11	Ausonia	O	29.48	-.01	N	4-5	b.	"	50	26	Arabic	O	29.96	+.02	NW	6-7	c
"	49	11	Lapland	H	29.55	-.04	NNW	4-5	b.	"	50	23	Carnegie	H	30.07	+.02	NW	6-7	c
12th 6 p.m.	50	15	Carnegie	H	29.81	-.06	N	6-7	c	"	49	21	Lapland	H	29.93	-.09	NNW	6-7	c
"	51	17	Haverford	O	29.71	-.03	NW	6-7	c	"	56	19	Scandinavian	H	29.61	-.02	NW	6-7	c
"	49	17	Lapland	H	29.77	-.06	NW	4-5	bc.	"	56	17	Victorian	O	29.46	+.08	NW	8-9	a
"	56	13	Scandinavian	H	29.67	+.03	NW	4-5	b.	"	52	17	Royal Edward	H	29.80	-.02	NW	6-7	c
"	51	12	Royal Edward	H	29.73	+.01	NW	4-5	b.	"	51	15	Montreal	H	29.75	-.00	NW	6-7	c
"	51	13	Montreal	H	29.67	-.03	N	4-5	c	"	51	13	Haverford	O	29.72	-.06	NNW	6-7	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.	58	52	bc	bc.	1.8	England, S.E.	Margate	in.	70	53	b	bc	9.4
	Stonehaven	0.03	63	52	bc	pc	1.1		Ramsgate	-	67	53	-	bc	8.0
	Carnoustie	0.03	59	55	-	-	0.9		Folkestone	-	64	54	b.b.c.	bc.	5.9
	St. Andrews	0.07	66	52	op	o.	0.0		Hythe	-	-	-	-	-	-
England, N.W.	Harrogate	-	69	52	bc.c	bc.c.	4.3	England, S.W.	Littlestone	-	66	54	bc.b.	b.	9.4
	Scarborough	-	69	53	c.b.	o.c.	8.0		Hastings	-	66	54	bc.b.	bc.	7.6
England, N.W.	Douglas	0.14	63	52	c	op	2.0		Bexhill-on-Sea	-	67	55	c.b.c.	bc.	7.6
	Blackpool	0.22	69	53	o.c.	or	3.4		Eastbourne	-	66	53	bc	bc.	5.9
	Southport	-	71	52	c.b.c.	op	3.8		Seaford	-	65	58	bc	c.b.	6.5
Mid-lands.	Buxton	-	65	48	bc	bc.	4.0		Brighton	-	66	59	c	c	6.0
	Leamington Spa	-	67	49	c	c.b.	2.8		Worthing	-	66	56	ca.b.	bc.b.	5.3
	Malvern	-	-	-	-	-	2.0		Littlehampton	-	-	-	-	-	3.9
Wales.	Rhyl	0.01	68	57	changeable	bc.	7.0		Southsea	0.01	66	57	od	bc.b.	4.7
	Colwyn Bay	-	70	58	bc	bc.c	6.5		Ryde	-	65	60	m	imp.	3.0
	Llandudno	0.03	69	55	-	-	3.8		Ventnor	-	64	57	*	*	1.5
	Bettws-y-Coed	0.24	65	54	or	or.	0.0		Bournemouth	-	65	55	c.b.c.	c.o.	3.6
England, S.W.	Aberystwyth	0.06	65	56	o.c.b.	cr.o.	2.5		Weymouth	-	65	58	bc.c	o.c.o.	1.2
	Tenby	-	68	47	b.b.c.	or.	0.8		Exmouth	-	66	57	b	bc.c.	2.1
	Lowestoft	-	65	54	c.b.c.	c.b.	7.9		Teignmouth	-	67	56	c	cp.c	1.3
	Felixstowe	-	67	57	c.b.c.	bc.b.	8.5		Torquay	0.01	63	57	o	o	0.3
England, S.W.	Walton-on-Naze	-	65	57	c.b.c.	b.	7.1		Paignton	0.03	63	56	odp	bc.op.	0.5
	Southend-on-Sea	-	71	57	bc.b.	bc.	7.0		Falmouth	0.10	66	55	o.c	op.	1.2
									Bude	0.14	69	56	op.or	bc.or.	2.0
									Ilfracombe	0.03	70	57	c	cp.c.	3.0
									Weston-super-Mare	0.15	66	56	bcp	bcp.b.	0.5

## 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.	Max.				Min.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.		
			Max.	Min.																
																			24 HOURS ENDED 9 A.M. TO-DAY.	
Greenwich (Royal Obsy.) ...	%	%	F.°	F.°	F.°	In.					He.	Dublin to 4 p.m.	in.	F.°	F.°	F.°				He.
City (Bunhill Row) ...	69	67	71	49	37	-	bc	bc.b	bc.b	6.2	5.0	Plymouth to 9 p.m.	0.08	68	55	54	c.b.g.	b.op	org.	0.0
Westminster (St. James's Pk.)	*	*	*	*	*	*	*	*	*	*	5.0	Darwen	0.07	61	57	53	og	or	o	0.0
Camden Sq. (Brit. Rainfall)	69	79	68	54	47	-	bc	bc.c	bc	6.0	5.2	Manchester "	0.22	66	51	46	bc.or	bc.	bc.or.	3.1
Hampstead (Reservoir) ..	67	89	70	50	47	-	c.b.c	c.b.c.b.c.m.	bc.m.	5.2	6.1	Birmingham "	0.01	72	52	*	c	bc	bc.c.p.	2.8
Kew. (See front page.)	*	94	67	52	39	-	bc	cm	cm	6.1	6.1	Oxford to 8 p.m.	*	64	50	46	c	c	o	1.8
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																				
Total.			Mean Rate.			Max. Rate.														
S. Kensington (Roof of M.O.)	66	78.	990	Joules.	21.4	Milliwatts.	61	Milliwatts.	5.3.			S. Kensington (Museum Grounds to 6 p.m.)	-	68	56	46	c.b.c	c.b.	bc.b.	*



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
11th September, 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. 46°.	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'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 ... ..	29.65	51	N	2	c	29.59	-0.04	52	+4	NE	5	o	3	0.37	53	47	c	c	otm	*			
Stornoway ... ..	29.65	50	NE	3	o	29.58	-0.03	47	+9	NE	6	rq	5	0.10	52	38	cp	cp	otg	1.8			
Castlebay (Barra Isd.)	29.59	51	NNE	4	o	29.46	-0.05	48	+3	N	4	r	4	0.18	55	44	bc	co.	o.co	6.8			
Glasgow ... ..	29.52	44	NNE	1	r	29.28	-0.06	52	+6	NE	5	o	*	0.64	52	44	od	r	d.og	0.0			
Malin Head ... ..	29.52	53	N	4	ogq	29.25	-0.08	48	-3	NNE	8	otg	6	0.36	54	47	cg	og	ogq	*			
Blacksod Point ... ..	29.54	53	NNE	3	b	29.39	-0.05	41	+3	N	6	r	4	0.28	62	46	bc	bc	ogq	*			
Valencia ... ..	29.51	53	N	5	c	29.41	-0.02	52	+1	NNW	5	op	5	0.18	57	47	bcku	c	bogp	6.9			
Roche's Point ... ..	29.44	56	N	4	c	29.30	*	50	o	NW	4	c	3	-	58	48	c	c	c	*			
Birr Castle ... ..	29.46	53	N	1	c	29.30	*	45	+1	NW	5	r	*	0.23	60	43	c	c	c.or	2.5			
Donaghadee ... ..	29.47	49	NE	5	r	29.19	-0.03	55	+2	NE	4	r	4	0.66	55	48	c	omr	omq	*			
Liverpool Obsy. ... ..	29.31	59	SE	1	c	29.14	-0.03	54	o	E	3	c	3	0.10	67	54	d.o	o.c.	ot.c.	1.1			
Holyhead ... ..	29.34	52	N	5	otm	29.10	-0.01	53	+2	SE	1	cp	2	1.29	55	51	otm	otm	ot.c.	0.0			
Pembroke (St. Ann's Hd.)	29.29	50	N	6	o	29.18	-0.01	49	-2	WNW	6	rmq	5	1.29	56	47	ogtm	otm	otm	0.0			
Newquay ... ..	29.25	56	SSE	2	op	29.32	+0.02	54	-4	W	4	bc	6	0.72	58	51	otp	otp	ogq	0.0			
Scilly (St. Mary's) ... ..	29.30	53	N	6	omr	29.35	+0.01	52	-2	NW	5	bogp	5	1.11	57	48	omr	omr	omq	0.0			
Jersey (St. Aublo) ... ..	29.37	63	S	4	o	29.45	*	57	-2	WSW	5	bc	4	-	66	55	bc	c.or	ogq	5.1			
Portland Bill ... ..	29.34	62	SE	4	c	29.31	+0.03	55	-5	WSW	6	bc	5	0.41	64	54	bc	cp	c.c	*			
Dungeness ... ..	29.46	62	S	2	b	29.39	+0.03	59	-1	SSW	6	c	6	-	67	58	bc	bc	cp	*			
Dover ... ..	29.45	61	SE	1	bc	29.40	*	59	+3	SW	7	bc	6	-	64	55	bc	bc	bc	8.7			
Wick ... ..	29.63	48	NE	4	r	29.46	-0.05	54	+14	ENE	5	og	5	0.76	54	40	bc	cp	omr	*			
Nairn ... ..	29.61	46	-	o	r	29.44	*	50	+11	NNE	2	r	3	0.81	52	38	zdo	z.r	qr	0.0			
Aberdeen ... ..	29.56	46	N	3	r	29.41	-0.01	54	+8	NE	2	r	3	0.44	54	46	or	or	otm	0.0			
Leith ... ..	29.49	46	N	3	r	29.30	-0.08	54	+3	NNE	4	og	*	0.87	54	46	or	or	or	*			
North Shields ... ..	29.42	52	N	2	o	29.34	-0.02	56	+4	E	1	o	3	0.03	56	52	cp	o	o	0.0			
Spurn Head ... ..	29.39	60	ESE	5	o	29.39	-0.02	59	+1	SSE	6	og	3	trace	64	55	bc	bc	bc	7.6			
Yarmouth ... ..	29.44	63	SE	3	bc	29.36	0.00	60	+3	SSW	4	bc	3	-	65	57	bc	bc	bc	8.5			
Clacton-on-Sea ... ..	29.43	63	SSE	2	bc	29.36	+0.03	59	-2	SSW	5	bc	4	-	65	59	bc	bc	bc	10.0			
Nottingham ... ..	29.40	62	S	1	b	29.26	*	54	-4	SSE	4	bp	*	0.06	69	52	c	c	bc	4.2			
Bath ... ..	29.35	62	S	3	o	29.29	*	52	-7	SW	6	bc	*	0.17	67	51	cl	bc	ogq	5.0			
London (Kew Obsy.) ... ..	29.42	62	S	2	b	29.33	+0.02	56	+2	S	3	cv	*	0.08	68	54	omr	bc	bc	8.2			
Spitzbergen ... ..	29.24	33	NE	4	bc	29.28	+0.01	32	-4	N	6	bc	*	-	37	32							
Isafjord ... ..	30.18	40	NE	4	bc	30.39	+0.03	34	-1	NNW	2	b	*	-	*	*							
Reykjavik ... ..	30.14	46	NNE	2	c	30.30	+0.07	40	-1	NNE	3	bc	*	-	*	*							
Vestmanna ... ..	30.04	41	N	5	b	30.20	+0.04	37	o	N	6	b	o	-	*	*							
Seydisfjord ... ..	29.97	39	N	3	c	30.17	+0.06	36	-3	-	o	c	*	-	*	*							
Thorshavn ... ..	29.73	47	N	3	c	29.86	+0.06	44	-1	NNE	3	c	*	-	*	*							
Haparanda ... ..	29.71	54	S	2	o	29.89	+0.12	54	-1	SW	2	bc	*	0.12	57	45							
Hernösand ... ..	29.76	41	S	2	b	29.85	+0.05	58	o	S	2	bc	*	-	68	50							
Stockholm ... ..	29.92	55	SSW	2	b	29.95	+0.03	58	o	S	1	o	*	trace	66	52							
Wisby ... ..	29.95	60	WSW	2	bc	29.91	-0.01	60	o	SE	2	b	*	-	64	52							
Karlstad ... ..	29.86	59	-	o	o	29.89	0.00	57	-1	-	o	b	*	-	64	54							
Færder (X'ania Fjord)	29.79	59	SSE	5	b	29.83	+0.01	57	-2	ESE	4	b	2	-	61	55							
Bodö ... ..	29.58	49	SSW	8	c	29.86	+0.05	47	-5	WSW	4	b	2	0.12	52	48							
Christiansund ... ..																							
Skudesnaes ... ..	29.69	58	S	2	c	29.71	0.00	58	+5	WSW	4	b	3	0.08	58	52							
The Scaw (Skagen) ... ..	29.78	60	S	4	b	29.77	+0.02	58	-1	ESE	5	bc	1	-	66	55							
Blaavands Huk ... ..	29.67	55	SE	2	b	29.59	-0.02	55	-2	ESE	3	b	2	-	64	50							
Cuxhaven ... ..	29.63	59	SE	4	b	29.58	-0.01	53	+2	ESE	3	o	o	-	68	51							
The Helder ... ..	29.53	63	SE	2	o	29.50	+0.02	58	+4	S	5	r	1	-	68	46							
Brussels ... ..	29.52	61	SSE	4	c	29.52	+0.05	59	+6	SSE	3	o	*	trace	71	53							
Berlin ... ..	29.73	59	S	3	b	29.69	+0.01	53	o	SE	1	b	*	-	66	48							
Frankfurt ... ..	29.64	64	SW	1	o	29.65	+0.02	57	+6	SW	1	r	*	-	73	52							
Munich ... ..	29.70	57	NE	2	bc	29.69	-0.01	51	+6	SE	2	c	*	trace	64	45							
C. Gris Nez ... ..	29.46	63	SW	1	c	29.43	+0.04	58	+2	SW	6	bc	6	-	70	55							
La Hève ... ..	29.45	64	SE	4	o	29.47	*	55	+2	SW	5	bc	5	-	68	50							
Brest (St. Mathieu) ... ..	29.39	59	WNW	4	o	29.47	+0.02	54	-6	S	3	c	4	0.24	64	52							
Lorient (Rec Molen) ... ..		60	SSE	5	o	29.47	*	55	-5	NW	2	o	2	0.08	68	52							
Rochefort (Ile d' Aix)	29.53	64	SSW	4	o	29.56	+0.01	63	+3	SSW	3	c	*	0.08	70	55							
Biarritz ... ..	29.60	66	NNW	4	o	29.62	-0.01	60	-8	SE	3	bc	5	0.39	73	57							
Paris ... ..	29.50	64	SSW	2	o	29.56	+0.06	57	+2	SSW	3	c	*	trace	70	55							
Belfort ... ..	29.65	62	-	o	c	29.67	*	59	+7	-	o	o	*	0.12	66	52							
Lyons ... ..	29.63	63	SSW	3	o	29.66	*	59	o	NW	1	r	*	0.04	72	57							
Nice ... ..	29.69	64	E	1	p	29.74	+0.08	63	o	-	o	c	3	1.14	77	57							
Perpignan ... ..	29.63	67	E	1																			

## GALES.

Duration and Extreme Force  
on British Coasts.

Malin Head. 2am-7am.

Extreme NNE 8.

Portland Bill. 2am-5am.

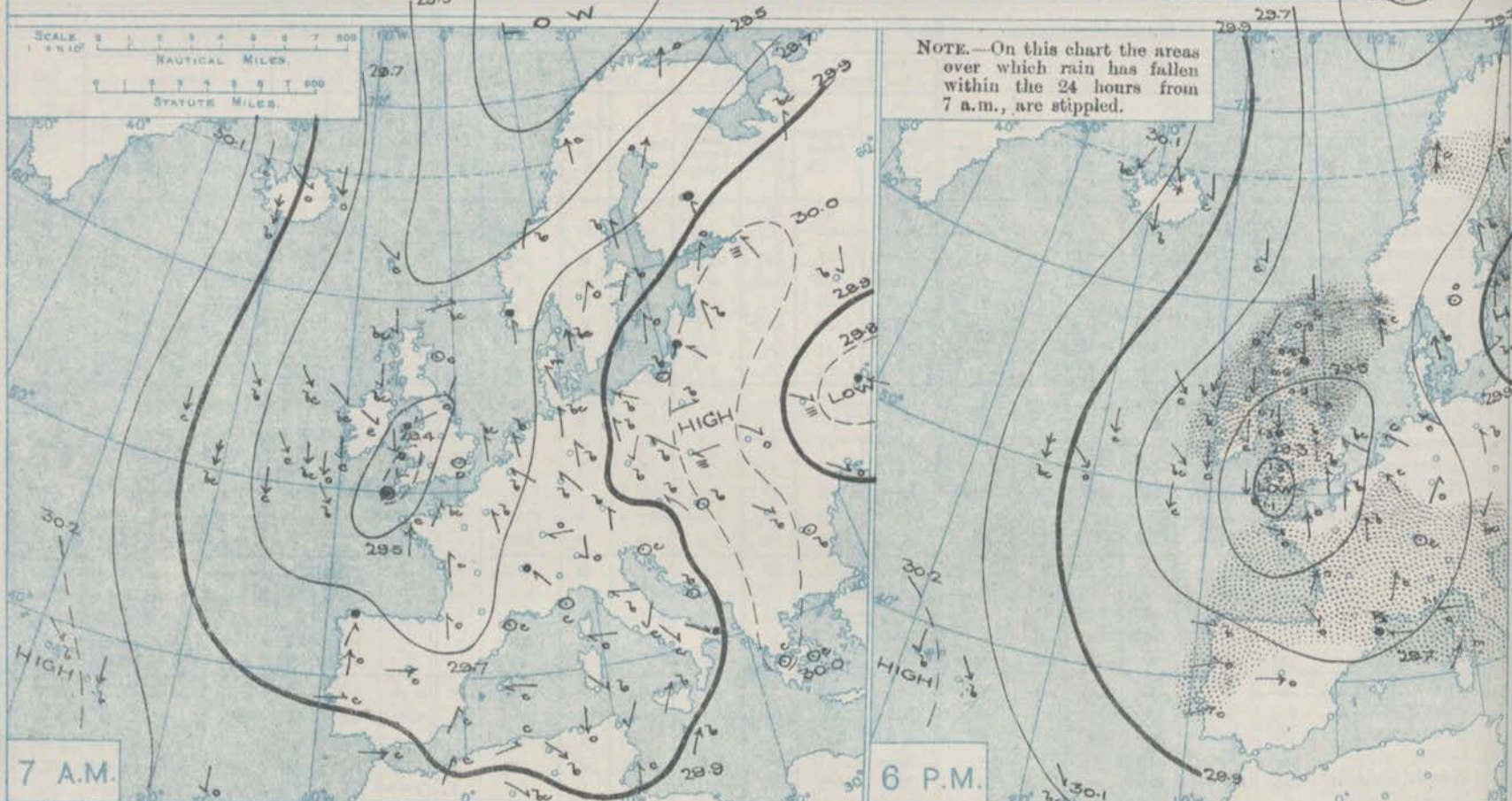
Extreme SSW 8.

\* 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. 13<sup>TH</sup> SEPTEMBER



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.

North Cone hoisted at 8.20 a.m. this morning in Districts 0, 1, 6, 7, 9, and 10.

6 {  
a  
b

7 {  
a  
b

8 {  
a  
b

9 {  
a  
b

10 {  
a  
b

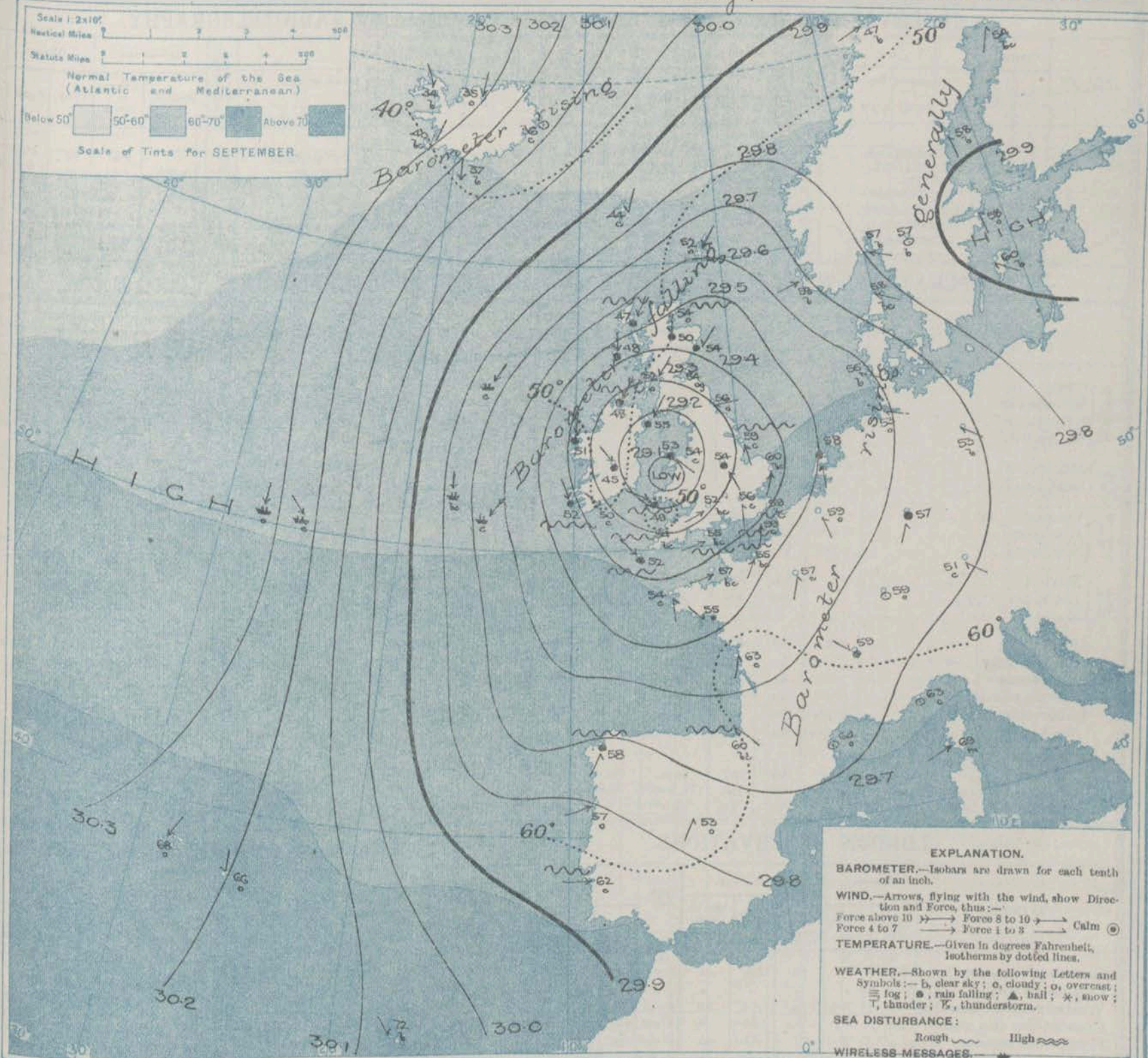
*None Issued*

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.



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



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

The centre of a depression of increasing intensity lies not far to the southward of Holyhead, where the barometer is below 29.1 in., while there appears to be a secondary disturbance over Brittany. In the west of Iceland the readings are above 30.3 in., and in the Azores region above 30.2 in.

The cyclonic circulation of the wind is well marked, and the force generally moderate to strong. At Malin Head, however, a gale prevails, and according to wireless reports, strong winds or gales from the N.W. and N.E. are blowing on the Atlantic over a large area to the westward of

Ireland. Temperature is below 50° at some stations in Wales, Ireland and the Hebrides, but towards the east the readings increase to 60° at Great Yarmouth. Rain is very general with the N.W. to N.E. wind current in the north and west of these Islands, and it is also falling with the S.W. wind at Holyhead, and the S.W. wind at Corunna, Frankfurt and the Helder. In the south-east of England and the adjacent parts of France the weather is fair.



## DAILY WEATHER REPORT.

Sunday, 14th September 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.	55	9	Laurentic	O	29.20	-0.03	NNE	6-7	o	13th 6 p.m.	55	10	Grampian	O	?	+0.1	N	6-7	c
13th 6 p.m.	50	23	Haverford	O	30.09	+0.07	M	10-11	bc.	" 1 p.m.	51	10	Carmania	H	29.56	-0.1	N	6-7	c
"	50	20	Cedna	O	29.84	+0.07	NW	6-7	o	" 7 a.m.	52	23	Andania	H	29.81	+0.03	N	6-7	c
"	52	19	Andania	H	29.71	-0.01	N	6-7	c	" 7 a.m.	50	20	Haverford	O	29.89	+0.04	N	8-9	bc.
"	55	14	Benmidean	O	29.90	0.00	NNW	8-9	c	" 7 a.m.	54	18	Benmidean	H	?	0.00	NNW	6-7	c
"	51	13	Quebec	O	29.60	+0.03	NW	6-7	bc	"	49	17	Memphis	H	29.77	+0.03	N	6-7	c
"	49	13	Memphis	H	29.56	+0.09	N	6-7	c	"	51	16	Cedna	O	29.62	+0.11	NNW	6-7	c
"	55	10	Caledonia	H	?	-0.04	NNE	4-5	bc.	"	55	14	Caledonia	H	29.55	-0.07	NNW	4-5	bc.

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban ... ..		In.	F.°	F.°		Hr.	Margate ... ..		In.	F.°	F.°		Hr.	
	Stonehaven ... ..							Ramsgate ... ..							
	Carnoustie ... ..	0.32	48	?	"	"	0.0	Folkestone ... ..							
	St. Andrews ... ..							Hythe ... ..							
Eng. N.E.	Harrogate ... ..	0.02	66	52	c.bc.b	bc.c.o.	4.9	Littlestone ... ..							
	Scarborough ... ..		5					Hastings ... ..			67	57	b	b	
England, N.W.	Douglas ... ..	0.62	51	48	ogr	ogr.	0.0	Bexhill-on-Sea ... ..			68	59	b	b	
	Blackpool ... ..	0.40	65	51	or.c	c	0.3	Eastbourne ... ..			66	58	b	b	
	Southport ... ..	0.38	66	50	to.bc	bc.o.	2.0	Seaford ... ..			66	55	b	b	
Mid- lands.	Buxton ... ..	0.01	62	55	bc	bc.	3.4	Brighton ... ..			66	58	c.bc	bc.b.bc	
	Leamington Spa ... ..		64	56	c	c	4.2	Worthing ... ..			67	58	bc	bc.c.o.	
	Malvern ... ..							Littlehampton ... ..							
Wales.	Rhyl ... ..	1.31	68	53	or.o	o	0.0	Southsea ... ..							
	Colwyn Bay ... ..							Ryde ... ..							
	Llandudno ... ..		61	50	or	or	0.0	Ventnor ... ..							
	Bettws-y-Coed ... ..	1.05	60	53	ofr	ofr.	0.0	Bournemouth ... ..			66	58	b.bc	bc.c.o.	
	Aberystwyth ... ..	0.46	65	58	to.c	c.or.	1.5	Weymouth ... ..			66	58	bc	cp.o.	
England, E.	Tenby ... ..	0.64	65	56	+	+	0.0	Exmouth ... ..							
	Lowestoft ... ..							Teignmouth ... ..	0.06	64	57	c.bc	or.c		
	Felixstowe ... ..		66	57	bc.m	bc.m	9.6	Torquay ... ..							
	Walton-on-Naze ... ..		65	58	bc.m	bc.m	8.6	Paignton ... ..	0.05	64	55	bc	bc.or		
	Southend-on-Sea ... ..		73	57	b	b	9.5	Falmouth ... ..	0.07	60	57	od	d.or		
								Bude ... ..	0.13	63	55	op	or.		
								Ilfracombe ... ..	0.11	65	57	c.bc	c.bc.		
								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.			
			24 HOURS ENDED 9 A.M. TO-DAY.																		
Greenwich (Royal Obsy.) ...	%	%	F.°	F.°	F.°	in.	b.c.c	b.c	b.c.c.	Hr.	Dublin to 4 p.m.	in.	F.°	F.°	F.°	or	gr	gr	Hr.		
City (Bunhill Row) ...	60	63	72	53	41	0.01	b.c.c	b.c	b.c.c.	8.5	Plymouth to 9 p.m.	0.82	52	49	49	or	gr	gr	0.3		
Westminster (St. James's Pk.)	*	*	*	*	*	*	*	*	*	*	6.3	Darwen	0.12	61	56	57	og	c.bq	og.	0.5	
Camden Sq. (Brit. Rainfall)	60	78	70	56	50	0.14	b.c	b.c	+ b.c.	7.4	Manchester "	0.26	62	53	54	or	or.c	b.c.c	2.6		
Hampstead (Reservoir) ...	55	67	72	53	49	0.06	cm.b.c	b.c	b.c.c.	5.6	Birmingham "	0.03	68	57	"	c.b.c	b.c	c.b.c.	3.2		
Kew. (See front page.)	*	78	67	53	43	0.06	b.c	c.or	b.c.	7.0	Oxford to 8 p.m.	"	68	56	53	b.c.c.	e	c.b.c.	"		
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																					
Total.			Mean Rate.			Max. Rate.															
S. Kensington (Roof of M.O.)	56	75	1286	Joules.	28	Milliwatts.	60	Milliwatts.	7.0	S. Kensington (Museum Grounds to 6 p.m.)											
													69	53	42	b.c	c.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

14th & 15th Sept. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 5.27 L.M.T. 5.28	G.M.T. 11.49 L.M.T. 11.49	G.M.T. 6.11 L.M.T. 6.9
Greenwich	5.35 5.36	11.56 11.55	6.17 6.15
Wick	5.41 5.43	12.8 12.7	6.35 6.32
Valencia	6.15 6.16	12.37 12.36	6.59 6.57

## NOTES ON YESTERDAY'S WEATHER.

Heavy rain fell at many stations in the west and north; 1.3 in. at Holyhead and Liverpool, 1.1 in. at Scilly, and more than 0.5 in. in several other localities. More than an inch was also measured at Nice. The maximum temperature was rather lower than of late in most parts of these Islands, but was above 65° over a large area. At night the wind rose to a gale from the S.S.W. at Portland Bill. Wireless reports show that strong winds and gales from the W. prevailed on the Atlantic 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; 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 wrapper.



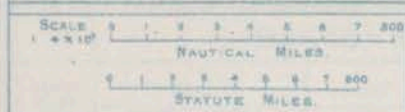
## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday  
15th September 1913.

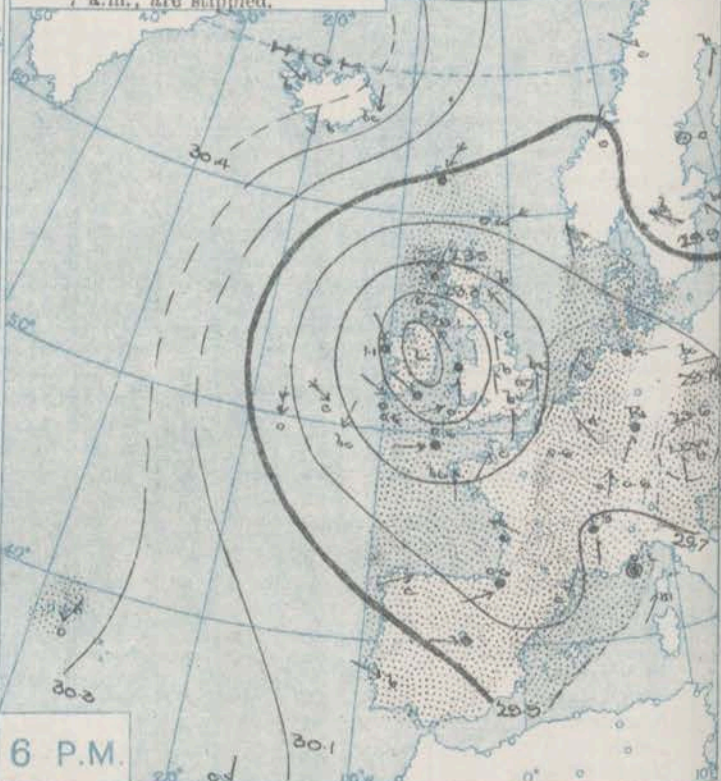
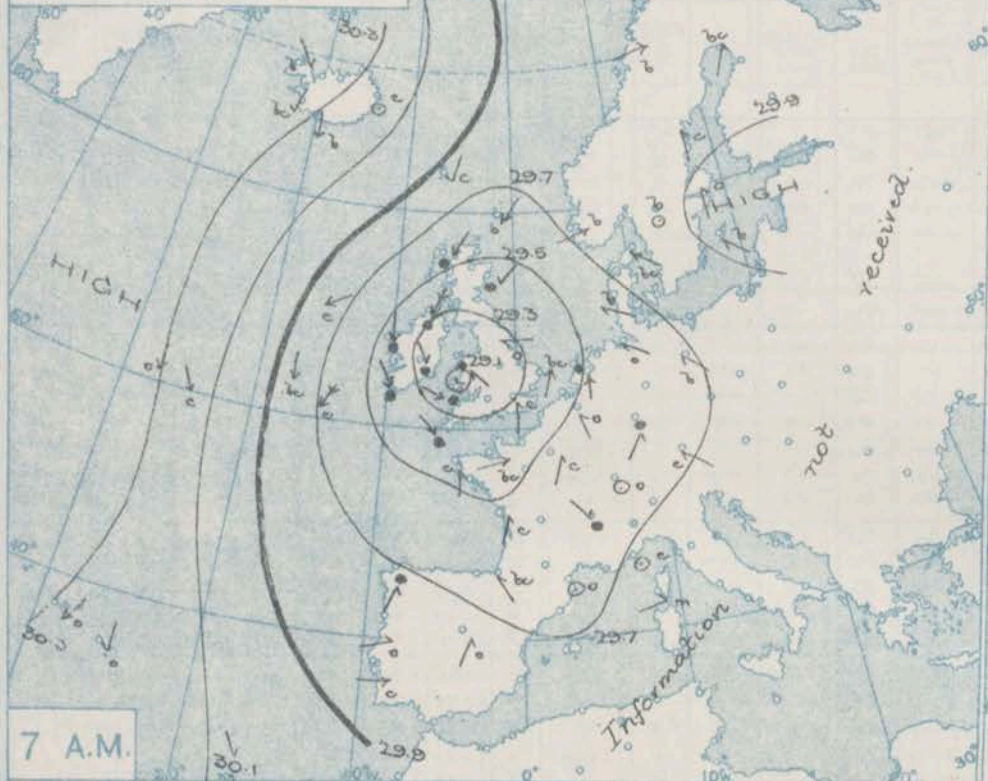
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	At 32° 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'g. 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.				
BRITISH ISLANDS.	Lerwick ... ..	In. 29.62	F. 57	ENE	9	o	In. 29.78	+0.3	F. 54	+2	ENE	4	r	4	0.49	57	51	opg	opm	org	Hours		
	Stornoway ... ..	29.37	55	NE	6	otmg	29.62	+0.3	54	+7	NE	5	o	5	0.30	55	47	ormg	ormg	b, opg	0.0		
	Castlebay (Barra Isd.)	29.21	57	NNE	5	bc	29.50	+0.6	55	+7	BNE	4	3g	4	0.55	58	46	onopg	op, bcg	op, bcg	0.0		
	Glasgow ... ..	29.27	50	SE	3	bc	29.52	+0.5	46	-6	NE	3	bc	*	0.12	61	44	cp	c, bcg	c, bc, b	1.9		
	Malin Head ... ..	29.09	53	SE	5	cm																	
	Blacksod Point ...	29.20	51	WNW	6	r	29.17	+0.2	52	+1	NE	3	o	4	1.06	54	47	or	or	or	*		
	Valencia ... ..	29.32	54	HW	7	ou	29.14	+0.1	52	0	-	0	bc	4	0.57	55	47	cgp	cgp	oru	0.4		
	Roche's Point ...	29.18	51	NW	5	r	29.20	*	55	+5	SW	3	o	4	0.21	55	49	or	r	ro	*		
	Birr Castle ... ..	29.07	52	NW	2	o	29.17	*	50	+5	SE	3	c	*	0.39	52	45	or	or, o	cjs	0.0		
	Donaghadee ... ..	29.14	52	SSE	4	cbg	29.34	+0.5	54	-1	SSE	5	cbg	4	0.38	57	51	or, bcm	bcg	cbg	*		
SCOTLAND.	Liverpool Obsy. ...	29.27	53	SSE	3	bc	29.45	+0.5	47	-7	ESE	3	b	3	0.24	57	47	cbp	c, c, b	b	1.7		
	Holyhead ... ..	29.13	52	S	7	opgpm	29.33	+0.4	54	+1	SSE	5	cbg	4	0.14	58	51	bc, cbp	cbg	cbg	2.1		
	Pembroke (St. Ann's Hd.)	29.19	52	WSW	7	c	29.33	+0.4	52	+3	SW	4	cgp	5	0.29	56	48	cgrm	cgp	cgp	1.6		
	Newquay ... ..	29.33	55	SSW	4	bc	29.40	+0.3	51	-3	SE	2	b	4	0.56	59	47	bp	bp	bp	9.0		
	Scilly (St. Mary's) ...	29.35	54	W	6	bcg	29.38	+0.1	54	+2	W	4	cgp	5	0.22	59	49	bcg	cgp	cgp	9.9		
	Jersey (St. Aubin) ...	29.40	59	SW	3	o	29.49	*	52	-5	SSW	3	o	3	0.09	64	47	cb	bc, c	cjs, o	7.7		
	Portland Bill ... ..	29.41	57	WSW	5	bc	29.45	+0.2	53	-2	SSE	6	r	5	0.05	59	53	bc	bc	bc	*		
	Dungeness ... ..	29.48	61	SW	4	bc	29.53	+0.2	53	-6	NW	2	cjs	2	0.25	63	49	cb	bc	bc	*		
	Dover ... ..	29.49	57	SSW	2	b	29.53	*	51	-8	WNW	-	c	3	0.42	61	48	bc, b	b, bc, c	b, bc, r	10.2		
	ENGLAND.	Wick ... ..	29.42	55	ENE	5	o	29.66	+0.4	53	-1	NE	2	rm	4	0.25	55	53	omg	omg	omg	*	
Nairn ... ..		29.32	55	NE	1	c	29.59	*	47	-3	-	0	o	1	0.10	58	45	pm	c	bc	0.8		
Aberdeen ... ..		29.40	55	SE	4	b	29.59	+0.1	54	0	E	3	o	3	0.29	59	53	or	op, c, b	bc	2.6		
Leith ... ..		29.25	58	SSE	5	bc	29.53	+0.4	47	-7	E	1	bc	*	0.13	64	47	or, o	cb, bc	b	*		
North Shields ...		29.34	59	S	3	c	29.51	+0.1	53	-3	ESE	3	o	3	0.02	62	51	r	c	o	6.4		
Spurn Head ... ..		29.43	60	S	5	bc	29.52	+0.1	54	-5	SSE	3	cu	4	-	64	51	bcg	bc	bc	9.4		
Yarmouth ... ..		29.47	61	S	4	bc	29.52	00	53	-7	N	2	bc	1	0.72	65	53	cbg	bc	or, bc	9.7		
Clacton-on-Sea ...		29.47	61	SSE	5	bc	29.51	+0.1	56	-3	SE	2	bc	1	0.03	64	55	bc	bc	bc, bc	9.14		
Nottingham ... ..		29.41	57	S	3	b	29.52	*	45	-9	E	2	b	*	-	63	42	bc	bc	b	9.0		
Bath ... ..		29.42	55	SW	4	b	29.48	*	50	-2	SE	-	c	*	-	62	44	cb	bc, b	b, bc	8.3		
SCANDINAVIA.	London (Kew Obsy.)...	29.47	58	S	2	bu	29.52	+0.2	51	-5	SE	2	bmw	*	0.01	63	46	cu	cu, lv	bmw	9.1		
	Spitzbergen ... ..	29.52	35	-	0	bc	29.66	+0.7	35	+2	NW	5	o	*	-	39	32						
	Isafjord ... ..	30.45	45	NW	2	b	30.36	-0.3	36	+2	NW	2	b	*	-	*	*						
	Reykjavik ... ..	30.40	47	NNE	2	b	30.36	-0.6	33	-7	-	0	b	*	-	*	*						
	Vestmanna ... ..	30.30	46	N	1	b								*	-	*	*						
	Seydisfjord ... ..	30.34	46	N	4	bc	30.38	00	33	-3	NW	1	b	*	-	*	*						
	Thorshavn ... ..	29.88	46	NE	8	r	30.00	+0.4	47	+3	? ENE	6	r	*	-	*	*						
	Haparanda ... ..	29.48	51	SW	2	b	?	00	50	-4	NE	2	o	*	Trace	57	48						
	Hernösand ... ..	30.00	56	-	0	o	30.01	+0.1	55	-3	-	0	f	*	-	63	54						
	Stockholm ... ..	?	57	?	4	bc	29.99	06	54	-4	ENE	2	o	*	Trace	66	52						
GERMANY, &c.	Wisby ... ..	29.93	53	SSE	2	b	29.92	-0.2	58	-2	SE	2	b	*	-	64	50						
	Karlstad ... ..	29.92	58	SE	2	o	29.96	00	54	-3	NE	2	o	*	-	64	48						
	Færder (X'ania Fjord)	29.86	60	NE	1	o	29.88	+0.1	57	0	E	4	bc	2	-	61	55						
	Bodö ... ..	30.04	47	WNW	1	c	30.06	00	44	-3	-	0	c	1	-	50	41						
	Christiansund ...	29.87	53	NE	2	o	29.95	+0.1	50	-	-	0	f	3	-	55	50						
	Skudesnaes ... ..	29.75	59	S	4	bc	29.76	-0.1	59	+1	N	4	b	2	-	64	55						
	The Scaw (Skagen)...	29.79	61	ESE	3	bc	29.79	-0.1	60	+2	ESE	5	c	1	-	64	57						
	Blaavands Huk ...	29.65	59	ESE	3	blr	29.58	-0.1	59	+4	E	4	o	2	0.12	68	55						
	Cuxhaven ... ..	29.60	63	E	2	r	29.58	+0.2	58	+5	S	2	o	0	0.08	72	59						
	The Helder ... ..	29.55	61	SW	1	r	29.59	+0.1	57	-1	SE	1	bc	1	0.29	64	50						
FRANCE.	Brussels ... ..	29.58	56	SE	2	o	29.60	+0.2	52	-7	SE	3	c	*	Trace	66	48						
	Berlin ... ..	29.67	64	E	2	bc	29.67	+0.1	57	+4	S	1	b	*	-	73	58						
	Frankfurt ... ..	29.63	59	SW	2	blr	29.67	+0.2	57	0	SW	1	o	*	0.47	72	55						
	Munich ... ..	29.57	59	S	2	b	29.67	-0.2	53	+2	SE	2	bc	*	-	68	48						
	C. Gris Nez ... ..	29.50	59	SW	3	c	29.53	+0.2	51	-7	SSE	3	bc	1	Trace	66	50						
	La Hève ... ..	29.55	60	SW	3	o	29.54	*	50	-5	ESE	4	c	3	-	66	46						
	Brest (St. Mathieu) ...	29.49	57	S	3	bc	29.52	+0.2	54	0	SW	3	c	3	0.12	66	50						
	Lorient (Rec. Maen)...	?	60	W	3	c	?	*	55	0	W	3	c	3	0.08	64	48						
	Rochefort (Ile d'Als)	29.58	59	SW	4	c	29.61	+0.3	59	-4	SW	4	r	*	0.20	66	54						
	Biarritz ... ..	29.66	66	WSW	4	r	29.74	+0.3	57	-3	S	3	b	4	0.55	68	54						
SPAIN, PORTUGAL, &c.	Paris ... ..	29.57	53	SSE	2	r	29.59	+0.3	52	-5	SW	2	o	*	0.63	64	50						
	Belfort ... ..	29.66	54	SSW	4	o	29.72	*	50	-9	-	0	r	*	0.55	70	49						
	Lyons ... ..	29.71	53	S	1	r	29.75	*	53	-6	S	1	b	*	1.39	60	50						
	Nice ... ..	29.76	62	-	0	blr	29.77	+0.4	63	0	WSW	2	c	6	0.51	72	57						
	Perpignan ... ..	29.64	64	NE	1	c	29.80	+0.6	57	-7	-	0	o	*	0.04	73	52						
	Sanguinaire ... ..	29.88	72	SW	5	m	29.87	*	73	+4	SW	5	m	5	-	75	69						
	Corunna (S. a.m.) ...	29.71	60	WSW	4																		



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 44<sup>TH</sup> SEPTEMBER.



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 over Ireland and some secondary disturbances will maintain the weather in

a generally unsettled condition for the present over the Kingdom as a whole.

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

- 0 {  
a } Wind between East and North-  
b } East, light or moderate, fresh
- 1 { locally; much cloud, some rain;  
rather low temperature.
- 2 {  
a }  
b }
- 3 {
- 4 {  
a } Wind varying locally, but  
b } mainly between South and East;  
light or moderate, fresh and gusty  
locally; variable sky, some showers;  
moderate or rather low 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.

North Cone hoisted at 8.20 a.m. yesterday in Districts 0, 1, 6, 7, 9 & 10.

- 6 {  
a } Same as Nos. 0 to 2.  
b }
- 7 {  
a } Southerly and South-easterly winds,  
b } moderate or fresh; changeable, some rain;  
cool.
- 8 {  
a } South-westerly to Southerly winds,  
b } moderate or fresh to light; changeable,  
some rain; moderate temperature.
- 9 {  
a } Wind varying both in force and  
b } direction; much cloud, some rain,  
mist locally; rather cool.
- 10 {  
a }  
b }

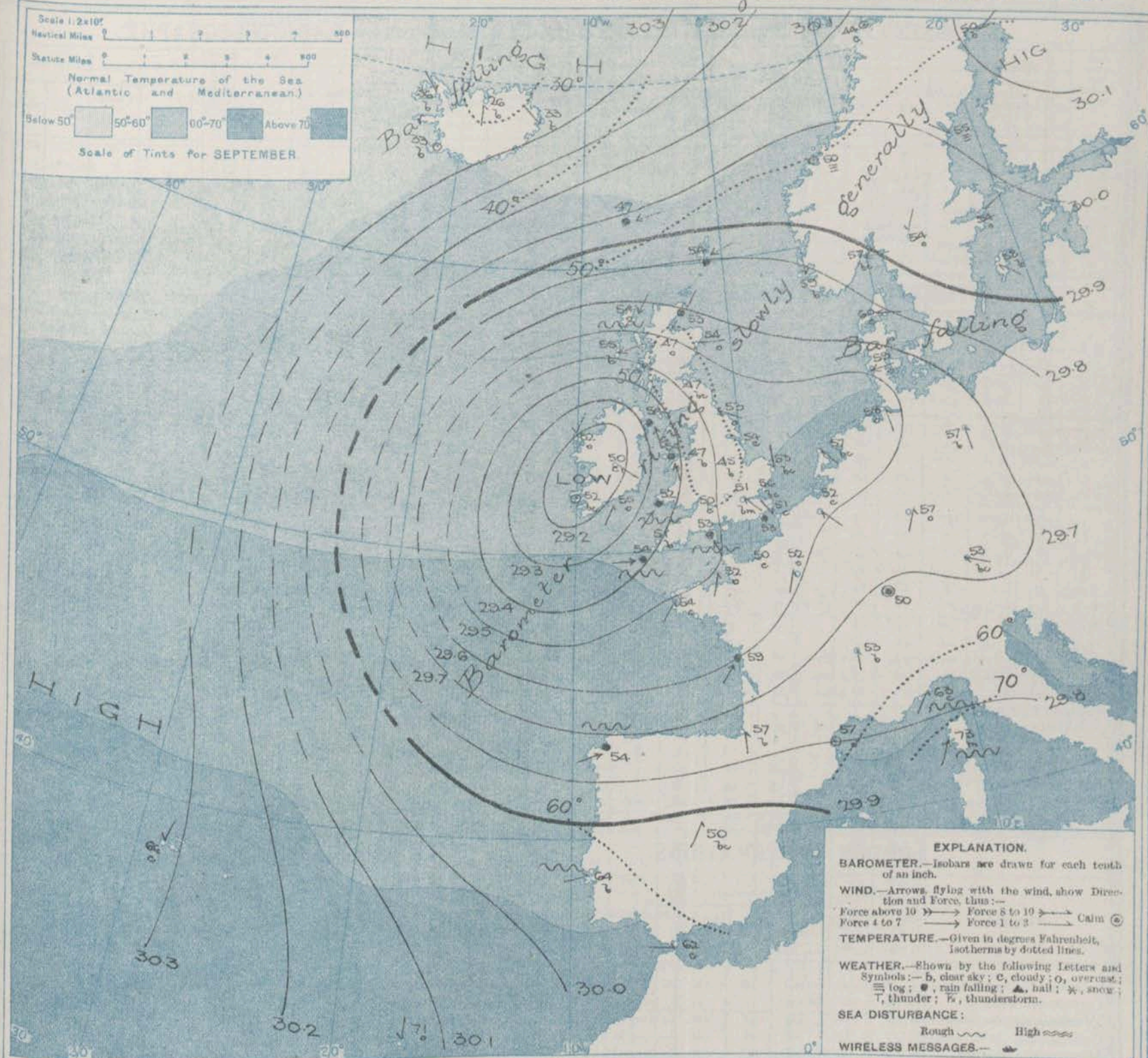
### 11 WESTERN CHANNEL AND BAY.

Wind between West and South, moderate or fresh to light; sea rather rough or moderate; changeable, some rain.

## THE FURTHER OUTLOOK.



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



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

Pressure is above 30.3 in. over Iceland and also at the Azores, but below 29.2 in. in a depression over Ireland, and relatively low in a shallow disturbance off the east coast of England.

The wind is mainly from the Southward or South-Eastward over England, from the Eastward in Scotland and the north-west of Ireland and South-Wales. It blows a fresh breeze locally, but generally it has little force. Temperature has

fallen in most regions. Over this country it ranges from 45° at Nottingham and 46° at Glasgow to 55° at Roche's Point. The weather is fair at many places in England and locally in Ireland and Scotland, but rain is falling at various places in the west and south-west, as well as at Wick and Larwick. Rain is also falling at some French stations.



## DAILY WEATHER REPORT.

Monday, 15th September, 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, 6pm	50	18	<i>Maestranza</i>	H	29.84	-0.8	N	8-9	0	14th, 7am	50	27	<i>Haverford</i>	O	30.31	+0.6	N	4-5	0
"	51	13	<i>Lucania</i>	O	29.43	+0.9	WNW	8-9	c	"	50	25	<i>Cedric</i>	O	30.30	+1.1	WNW	4-5	0
"	50	12	<i>Andania</i>	H	29.41	-0.7	NNE	8-9	bc	"	52	17	<i>Quosma</i>	H	29.77	+0.5	N	6-7	c
"	55	8	<i>Thames</i>	H	"	-0.6	H	6-7	0	"	51	15	<i>Andania</i>	H	29.59	+0.1	NE	8-9	c
" 1pm	55	12	<i>California</i>	O	29.50	+0.5	N	8-9	0	"	56	15	<i>Thames</i>	O	29.76	+0.3	NE	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.	In.	F.	F.			Hr.	Margate	In.	F.	F.			Hr.
Oban	...	...	...	...	...	...	Ramsgate	...	...	...	...	...	...
Stonehaven	0.48	59	45	r	3b	2.7	Folkestone	...	...	...	...	...	...
Carnoustie	0.19	59	45	"	"	3.4	Hythe	...	...	...	...	...	...
St. Andrews	...	...	...	...	...	...	Littlestone	...	...	...	...	...	...
England, N.E.							Hastings	0.03	68	54	dp. bc.	bc.	8.6
Harrogate	0.18	59	50	o. bc.	c. bc.	4.4	Bexhill-on-Sea	0.07	63	56	b. bc.	b. bc.	8.1
Scarborough	...	64	55	c. b.	c. b.	8.0	Eastbourne	0.05	63	55	b. bc.	b. bc.	...
England, N.W.							Seaford	...	...	...	...	...	...
Douglas	0.50	58	50	cq.	oq.	1.2	Brighton	0.21	63	56	bc	bc. bc.	8.8
Blackpool	0.12	59	52	dp. c.	c.	1.7	Worthing	0.12	63	57	bc	bc	9.1
Southport	0.13	66	52	dp. c.	o. bc.	1.5	Littlehampton	0.11	...	...	...	...	9.0
Mid-lands.							Southsea	0.15	66	55	bc	b. bc.	8.5
Buxton	0.24	55	45	bc.	bc.	4.5	Ryde	0.05	66	56	b	b	8.5
Leamington Spa	0.16	62	52	bc	bc	7.4	Venar	0.04	66	53	c. bc.	bc.	8.5
Malvern	...	...	...	...	...	6.5	Bournemouth	0.26	60	52	c. bc.	bc.	8.4
Wales.							Weymouth	0.38	62	53	bc	bc	8.4
Rhyl	0.06	58	49	o. bc.	c. bc.	2.3	Exmouth	...	...	...	...	...	...
Colwyn Bay	0.04	59	51	bc. bc.	c	4.5	Teignmouth	0.13	63	50	b	b	10.5
Llandudno	0.05	59	52	bc	bc	3.2	Torquay	0.02	61	50	bc	bc	10.2
Bettws-y-Coed	...	...	...	...	...	...	Faignton	...	...	...	...	...	...
Aberystwyth	0.65	59	49	dp. q.	cq.	0.7	Falmouth	0.13	60	46	b	b	10.6
England, E.							Bude	0.35	56	51	p	p	4.4
Lowestoft	...	64	59	c. bc.	bc. c.	10.0	Ilfracombe	0.34	59	49	dp	dp	5.0
Felixstowe	...	65	59	bq.	b. bc.	11.1	Weston-super-Mare	0.27	61	52	b. bc.	b. bc.	4.5
Walton-on-Naze	...	63	58	bc	bc	9.6							
Southend-on-Sea	...	67	57	bc	bc	8.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain- fall.	WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.	Min. on Glass.		Fore- noon.	After- noon.	Night.	
Greenwich (Royal Obs.)	55	65	66	45	33	0.01	b	b	bc. c. bc.
City (Bunhill Row)	...	...	...	...	...	...	...	...	...
Westminster (St. James's Pk.)	56	76	64	48	42	0.05	bc	bc	bc. bc.
Camden Sq. (Brit. Rainfall)	...	82	66	45	44	0.04	bc	b	bc. bc.
Hampstead (Reservoir)	...	70	62	48	32	0.02	bc	bc	bc. bc.
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.)			1312 Joules.	28.7 Milliwatts.		65 Milliwatts.		8.9	

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.			Sun- shine for Yester- day.
		In Screen.	Night Min. on Glass.	Night.	Fore- noon.	After- noon.	
Dublin to 4 p.m.	...	...	...	...	...	...	...
Plymouth to 9 p.m.	...	...	...	...	...	...	...
Darwen	...	...	...	...	...	...	...
Manchester	...	...	...	...	...	...	...
Birmingham	0.28	59	50	46	r	c	5.5
Oxford to 8 p.m.	...	62	52	46	cm. q. b.	bc. q.	...
S. Kensington (Museum Grounds to 6 p.m.)	0.05	64	55	46	bc. bc.	c. bc.	...

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

15th & 16th Sept. 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	5.28	11.48	6.9
	5.30	11.48	6.6
Greenwich	5.36	11.55	6.15
	5.38	11.55	6.12
Wick	5.43	12.7	6.32
	5.45	12.7	6.29
Valencia	6.16	12.36	6.57
	6.18	12.36	6.54

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to above 55° in various parts of the Kingdom, but remained below 60° over a large area. Rain has fallen very generally, 1.1 in. at Blackhead Point, and more than 0.5 in. at several other stations. Thunderstorms have been experienced locally in the south-east and east of England. Many hours of bright sunshine were recorded in the south-west, south and east, very little in the west and north. According to wireless reports strong northerly winds and gales 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.



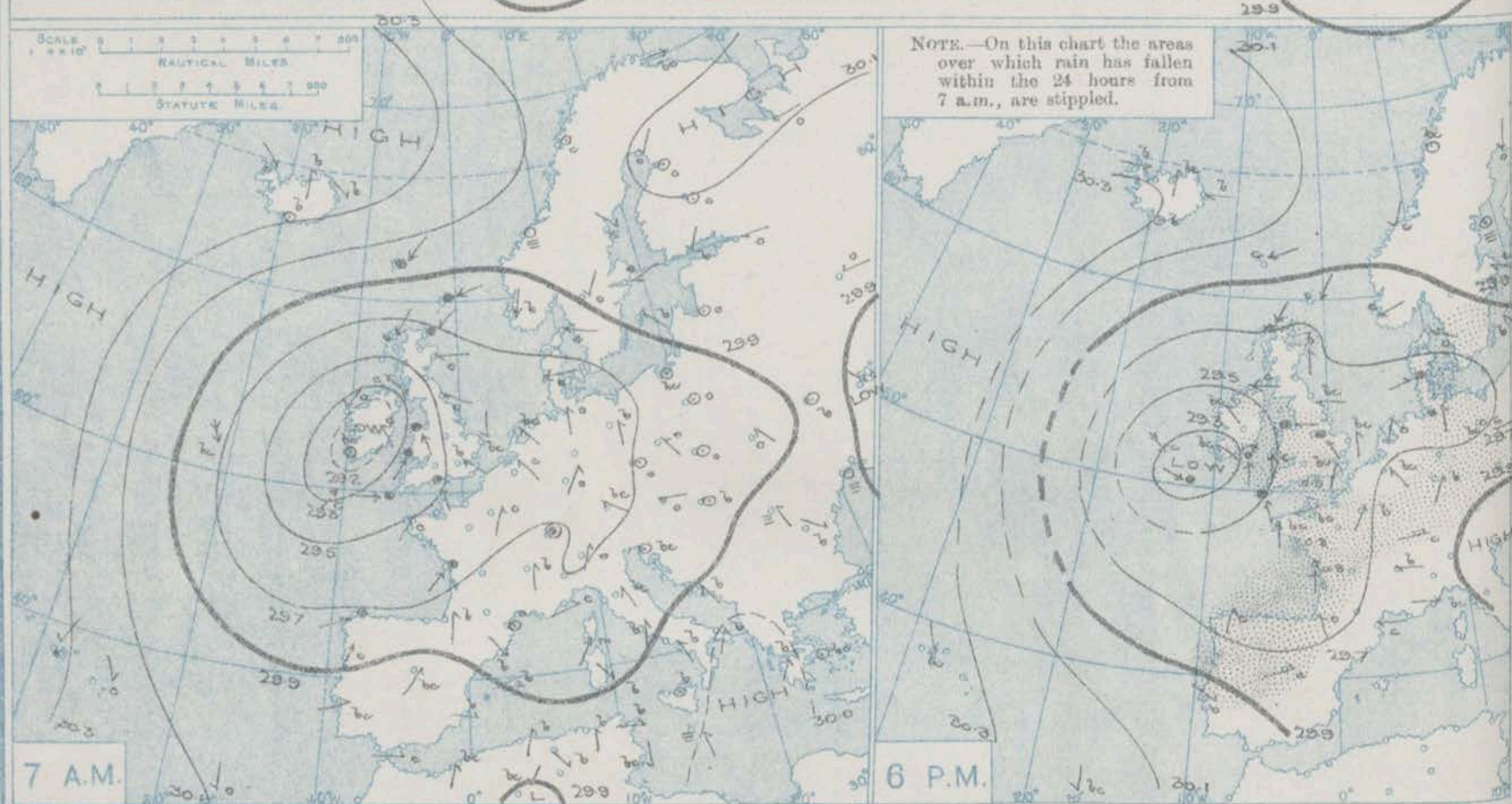
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,  
16th September, 1913.

		YESTERDAY EVENING.										THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.										Sun- shine for Yester- day.
STATIONS.		BAROM.		TEMP.		WIND.		Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.		Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.			Sun- shine for Yester- day.							
		At 82° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.		At 82° Fahr. and M.S.L. Lat. 45°.	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.										
		In.	F.							In.	In.	F.								In.	F.	F.	cm	om	og,om	Hours						
Lerwick ... ..		29.83	52	NE	5	o				29.85	100	52	-2	NNE	5	o		4	-	55	51	cm	om	og,om	*							
Stornoway ... ..		29.69	54	NE	6	+				29.78	+0.3	54	0	ENE	4	o	4	0.40	55	50	or	ormq	o,og	0.0								
Castlebay (Barra Isd.)		29.61	55	NNE	6	og				29.73	+0.1	51	-4	NNW	2	c	1	-	59	47	b,og	og	og, b	2.7								
Glasgow ... ..		29.62	54	NE	3	b				29.72	00	46	0	ESE	1	o	*	-	58	45	c, o	c, b, o	b, o, o	4.1								
Malin Head ... ..		29.53	56	E	5	c				29.69	00	53	0	E	3	c	3	Trace	58	51	og, o	og, o	og, o	*								
Blackod Point ... ..		29.40	57	SE	3	bc				29.65	+0.14	54	+2	NNE	2	b	2	0.02	58	51	bc, o	bc, o	bc, o	*								
Valencia ... ..		29.22	56	ESE	2	bc				29.51	+0.06	53	+1	ENE	4	bc	4	0.13	59	52	bc, o	bc, o	bc, o	7.2								
Roche's Point ... ..		29.21	54	S	6	+				29.53	*	54	-1	ENE	2	c	4	1.83	56	52	r	r	r, o, c	*								
Birr Castle ... ..		29.42	54	E	4	c				29.61	*	45	-5	N	2	c	*	-	60	44	c	c	c	4.9								
Donaghadee ... ..		29.55	56	SSE	2	bc				29.67	+0.02	54	0	SE	3	c	2	0.10	58	52	bc	bc, o	bc, o	*								
Liverpool Obsy. ... ..		29.56	59	ESE	2	o				29.66	+0.02	45	-2	ESE	1	b	1	0.05	62	45	b	bc, o	bc, o	6.3								
Holyhead ... ..		29.54	53	E	1	cp.				29.62	+0.01	51	-3	E	3	bc	2	0.04	60	47	bc, o, c	bc, o, c	bc, o, c	4.6								
Pembroke (St. Ann's Id.)		29.48	56	S	5	c				29.53	+0.01	51	-1	E	4	b	4	0.09	59	49	c, o	bc, o	c, o	8.4								
Newquay ... ..		29.47	54	SE	4	b				29.46	+0.01	56	+5	SE	3	bc	3	0.23	60	49	b, bc, o	bc, o	bc, o	5.5								
Silly (St. Mary's) ... ..		29.42	56	SSE	5	cp, o				29.41	00	56	+2	ESE	3	bc	5	0.01	60	52	cp	cp, o	bc, o	5.7								
Jersey (St. Aubin) ... ..		29.56	61	WSW	2	bc				29.47	*	56	+4	ENE	5	c	5	0.10	64	51	cm	bc	bc, o	8.3								
Portland Bill ... ..		29.56	57	S	4	bc				29.54	00	56	+3	ESE	4	r	4	0.50	59	51	r, c	bc, o	bc, o	*								
Dungeness ... ..		29.63	59	SSW	2	bc				29.64	+0.01	56	+3	SE	4	c	3	-	63	52	c	c, bc	bc	*								
Dover ... ..		29.61	56	SSW	3	b				29.63	*	57	+6	SSE	3	b	4	0.01	59	50	c, bc	c, bc, o	b, bc, o	8.7								
Wick ... ..		29.65	55	NE	5	o				29.75	+0.01	53	0	NE	4	og	4	0.81	56	50	om, o, p	om, o, p	og, o, p	*								
Nairn ... ..		29.62	51	SSW	1	bc				29.73	*	46	-1	-	0	r	1	0.52	52	41	r	r, bc	cd	2.1								
Aberdeen ... ..		29.68	55	S	2	b				29.67	-0.05	50	-4	NW	2	r	3	0.49	59	45	or, o	o, c, b	b, or	4.1								
Leith ... ..		29.63	55	NE	2	b				29.68	-0.01	51	+4	-	0	og	*	-	58	46	o	bc, o	bc, o	*								
North Shields ... ..		29.61	57	E	2	bc				29.66	-0.01	56	+3	NE	1	o	2	-	59	52	b	c	o	4.8								
Spurn Head ... ..		29.63	58	SSE	2	c				29.65	00	53	-1	-	0	bc, w	3	0.03	62	48	bc	c	bc, o	3.9								
Yarmouth ... ..		29.62	59	S	2	bc				29.66	00	57	+4	ESE	2	bc	2	-	63	48	bc	bc	bc, o	6.5								
Clacton-on-Sea ... ..		29.60	59	SSE	3	bc				29.64	00	59	+3	SE	2	bc	2	-	64	50	bc	bc	bc, bc	9.1								
Nottingham ... ..		29.61	51	SE	4	r				29.69	*	40	-5	E	1	fc	*	0.23	65	38	b, bc	bc, bc	r, c, bc	6.5								
Bath ... ..		29.58	56	SE	2	c				29.60	*	47	-3	ENE	4	bc	*	0.01	61	44	of, c	bc, c, o	c, bc	3.6								
London (Kew Obsy.) ... ..		29.62	55	SSW	1	bc				29.64	00	49	-2	ESE	1	cm, w	*	0.10	63	45	bc, w, og, bc, o, p, bc	bc, w, og, bc, o, p, bc	bc, w, og, bc, o, p, bc	4.6								
Spitzbergen ... ..		29.70	34	SW	3	bc				29.48	-0.01	33	-2	SW	2	S	*	-	35	32												
Isafjord ... ..		30.23	46	W	4	b				30.14	-0.05	41	+5	W	3	b	*	-	*	*	*	*	*	*								
Reykjavik ... ..		30.35	46	WNW	2	b				30.23	-0.03	34	+1	E	1	b	*	-	*	*	*	*	*	*								
Vestmann ... ..		30.32	44	-	0	b				30.21	-0.02	31	-3	-	0	b	*	-	*	*	*	*	*	*								
Seydisfjord ... ..		30.29	51	E	1	b				30.12	-0.06	37	+4	-	0	b	*	-	*	*	*	*	*	*								
Thorshavn ... ..		30.07	48	ENE	6	c				30.07	-0.06	46	-1	ENE	4	o	*	-	*	*	*	*	*	*								
Haparanda ... ..		30.00	48	NNE	2	o				29.91	-0.01	46	-4	N	2	o	*	-	54	41												
Hernösand ... ..		29.98	54	-	0	f				29.92	-0.03	54	-1	-	0	f	*	-	59	52												
Stockholm ... ..		29.93	57	ESE	2	c				29.86	-0.01	58	+4	NE	2	o	*	Trace	63	52												
Wisby ... ..		29.87	57	SE	2	b				29.79	-0.03	60	+2	ESE	2	b	*	-	66	54												
Karlstad ... ..		29.90	55	-	0	b				29.86	-0.02	53	-1	E	2	o	*	-	63	50												
Færder (X'lania Fjord)		29.86	59	ENE	3	b				29.81	-0.01	54	-3	ENE	4	o	2	-	61	54												
Bodö ... ..		29.96	46	-	0	bc				29.96	-0.01	47	+3	NE	1	bc	1	-	48	43												
Christiansund ... ..		29.95	51	NE	2	c				29.92	-0.01	48	-2	NE	4	o	3	-	54	48												
Skudesnaes ... ..		29.84	61	ENE	2	c				29.77	-0.01	59	0	E	2	o	2	-	61	57												
The Scaw (Skagen) ... ..		29.78	62	ESE	4	o				29.72	-0.01	59	-1	ENE	5	o	1	0.04	64	57												
Blaavands Huk ... ..		29.65	57	WSW	2	r				29.71	+0.01	59	0	WNW	1	o	1	0.32	61	55												
Cuxhaven ... ..		29.71	56	S	1	o				29.73	00	53	-5	S	1	f	0	0.04	61	50												
The Helder ... ..		29.69	55	S	1	o				29.73	+0.01	50	-7	S	1	b	2	-	62	45												
Brussels ... ..		29.72	51	SE	1	bc				29.73	+0.01	51	-1	SSW	3	c	*	-	64	46												
Berlin ... ..		29.70	60	E	2	bc				29.80	+0.01	55	-2	W	3	o	*	0.59	72	54												
Frankfurt ... ..		29.82	54	SW	2	b				29.84	+0.01	50	-7	SE	1	m	*	0.12	61	46												
Munich ... ..		29.91	51	W	4	r				29.87	-0.02	51	-2	E	3	b	*	0.08	63	45												
C. Gris Nez ... ..		29.64	57	S	3	b				29.66	+0.01	53	+2	SE	4	bc</																



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



GENERAL INFERENCE

## WEATHER PROSPECTS.

Small, shallow disturbances over these Islands and their neighbourhood will cause unsettled weather generally, but a considerable portion of

England and Ireland will experience fair weather during most of the ensuing twenty-four hours.

### FORECASTS FOR THE 24 HOURS NOON

Tuesday

TO NOON Wednesday.

- 0 {  
a  
b  
1 {  
a  
b  
2 {  
a  
b  
3 {  
a  
b  
4 {  
a  
b  
5 {  
a  
b
- Northerly or North-Easterly winds, light or moderate; much cloud generally, some rain; temperature rather low.

#### 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 {  
a  
b
- Same as Nos. 0 and 1.
- Same as Nos. 3 to 5.
- Easterly winds, light or moderate; local showers, but mostly fair; rather cool.
- Northerly and North-Easterly winds, light or moderate; some showers locally, otherwise fair; rather cool.

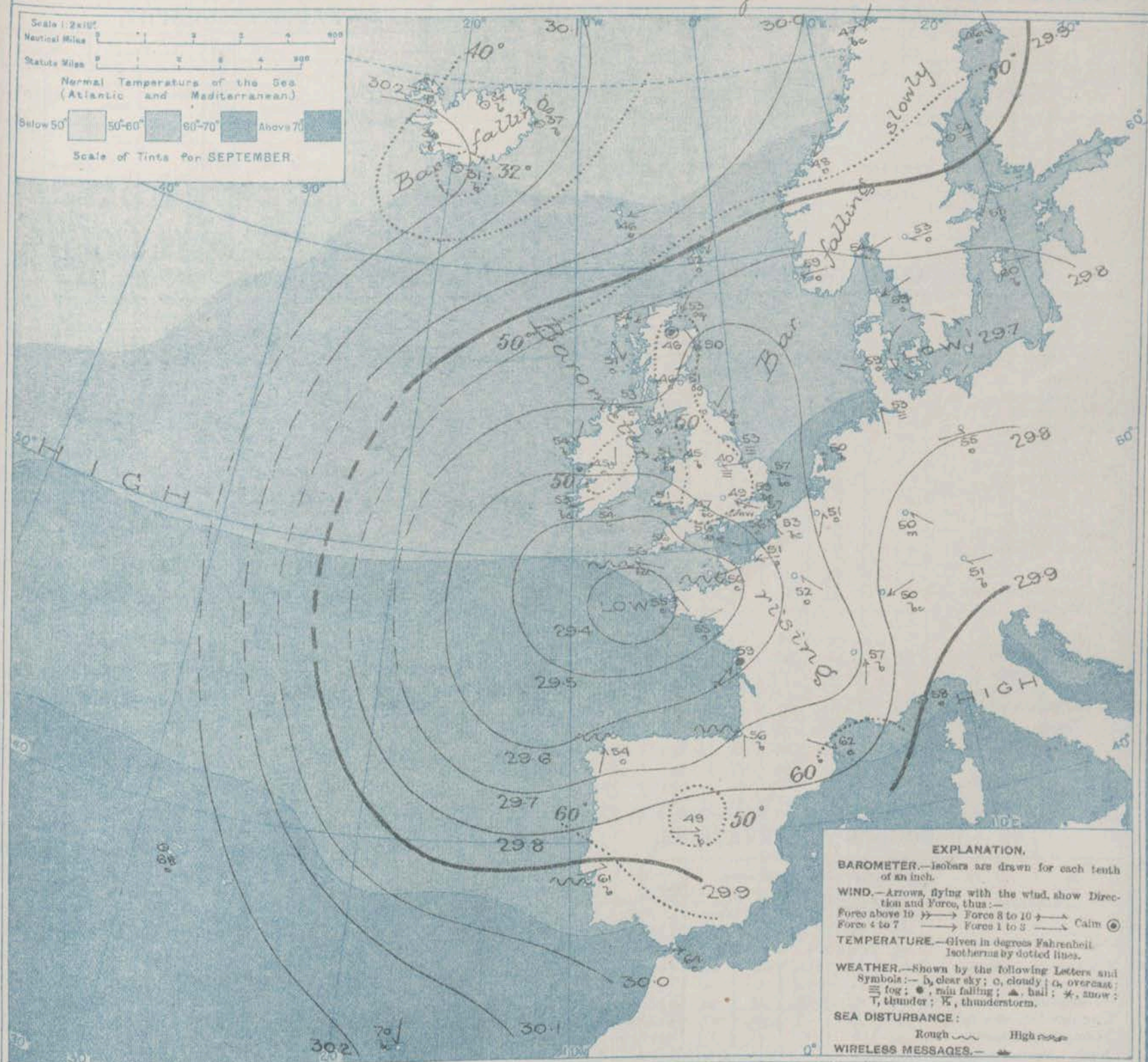
#### THE FURTHER OUTLOOK.

#### 11 WESTERN CHANNEL AND BAY.

Easterly winds, light to fresh on Channel; South-Westerly, strong or high on Bay; weather changeable, some rain and mist; sea moderate to rather rough.



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



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

Pressure is above 30.2 in. at the Azores and also in the south-west of Iceland, below 29.4 in. in a depression over the mouth of the Channel, and relatively low in other disturbances over the North Sea and Denmark.

Over the United Kingdom the wind is mainly easterly, and light to moderate in force. In the east of Scotland, however, it is northerly or north-easterly. Over the southern portion of the Bay of Biscay a South-Westerly wind prevails, blowing with the force of a gale at Rochefort. Temperature has fallen

in most regions. Over the United Kingdom it ranges from 40° at Nottingham, and 44.5° at Liverpool and Birr Castle to 56° at North Shields, Newquay and some other places in the south-west to 59° at Bletton-on-Sea. Rain is falling at Portland Bill, Aberdeen and Falmouth, and the sky is overcast at most places in Scotland. In these Islands generally, however, the weather is fair to bright. Over the greater part of the Continent the sky is cloudy or overcast, with rain at Rochefort.



## DAILY WEATHER REPORT.

Tuesday, 16th September, 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, 6 p.m.	51	14	<i>Corinthian</i>	H	29.22	-0.3	NW	8-9	c.	15th, 7 a.m.	51	21	<i>Lusitania</i>	O	29.26	+1.5	WNW	8-9	b.c.
	50	13	<i>Finland</i>	O	29.32	0.0	WNW	6-7	r		49	10	<i>Finland</i>	O	?	-0.5	WSW	6-7	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 ...	0.05	60	51	b.c.	b.c.	0.0	Margate ...	0.14	63	51	b	b	10.8
Stonehaven ...	0.26	58	50	or	o.c.	1.8	Ramsgate ...	0.88	61	50	*	*	10.6
Carnoustie ...	0.29	56	51	*	*	1.6	Folkestone ...	0.03	60	52	c.p.c.	b.c.	8.0
St. Andrews ...	-	57	45	o	o	1.1	Hythe ...	*	*	*	*	*	9.0
England, N.E., Harrogate ...	-	62	37	b	b.b.c.	8.2	Littlestone ...	*	*	*	*	*	7.3
Scarborough ...	-	60	48	c.b.	c.b.	3.0	Hastings ...	0.19	62	49	o.p.b.c.	b.c.	7.6
England, N.W., Douglas ...	0.09	60	52	b	b.c.p.	9.6	Bexhill-on-Sea ...	0.25	61	51	r.b.c.	b.c.	7.6
Blackpool ...	0.04	64	45	c.b.c.	c.o.r.	8.5	Eastbourne ...	-	60	48	b.c.o.	b.c.	7.2
Southport ...	-	62	46	b.b.c.o.	o.b.c.p.o.	6.7	Seaford ...	0.46	60	47	b	b.c.	7.2
Mid-lands, Buxton ...	0.02	58	37	b.c.	b.c.	5.9	Brighton ...	0.05	60	50	c.p.c.	c.b.c.	6.7
Leamington Spa ...	-	61	43	c	c	6.5	Worthing ...	0.12	62	52	b.c.	b.c.	5.9
Malvern ...	-	*	*	*	*	2.5	Littlehampton ...	0.11	*	*	*	*	5.9
Wales, Rhyl ...	0.01	63	47	b.c.r.	b.c.o.b.c.	7.3	Southsea ...	-	62	50	o.b.p.b.c.	b.c.	7.0
Colwyn Bay ...	-	63	48	b	b.b.c.	3.6	Ryde ...	0.03	60	55	p	b.c.	6.3
Llandudno ...	0.02	64	49	b	b	9.0	Ventnor ...	0.03	62	55	*	b.c.	6.2
Bettws-y-Coed ...	-	60	55	c.b.	c.b.	7.7	Bournemouth ...	0.08	61	51	r.o.c.	o.c.	3.0
Aberystwyth ...	0.11	61	50	c.b.o.	o.r.c.	7.7	Weymouth ...	0.50	60	50	c.p.c.	b.c.p.b.c.	4.9
Tenby ...	0.57	59	46	b.c.	b.b.c.	8.5	Exmouth ...	0.03	61	50	b.c.d.	p.c.b.c.	4.2
England, E., Lowestoft ...	0.55	62	50	c.b.c.	c.b.c.	7.5	Teignmouth ...	0.15	61	48	b.c.r.c.	b	5.7
Felixstowe ...	0.13	64	53	b.c.	b.b.c.	10.7	Torquay ...	0.28	61	49	b.c.	b.c.	7.5
Walton-on-Naze ...	0.11	63	54	c.b.c.	b.c.	8.6	Paignton ...	0.13	61	49	b.b.p.h.	b.c.	7.3
Southend-on-Sea ...	0.01	66	57	b.c.	b.c.	7.0	Falmouth ...	0.18	60	48	r.c.b.	b.c.	7.4
							Bude ...	0.03	63	46	p.b.c.	b	9.4
							Ilfracombe ...	0.01	63	49	b.c.	b.c.	8.0
							Weston-super-Mare ...	0.05	60	47	r.o.b.c.	b.p.c.b.	2.5

## 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.	
	%	%	Max.	Min.		24 HOURS ENDED 9 A.M. TO-DAY.			
Greenwich (Royal Obs.) ...	68	77	64	43	2.9	0.05	b.c.	b.c.p.b.c.	1.8
City (Banhill Row) ...	*	*	*	*	*	*	*	b.c.m.	3.8
Westminster (St. James's Pk.)	87	82	63	48	4.2	0.30	b.c.	p.q.r.b.c.	5.6
Camden Sq. (Brit. Rainfall)	80	86	65	43	4.1	0.03	b.b.c.	c.p.b.c.	3.6
Hampstead (Reservoir) ...	*	91	61	46	3.1	0.03	b.c.	b.c.p.b.c.	5.1
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.)	79	82	1026	Joules.	225	Milliwatts.	650	Milliwatts.	4.7

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

16th & 17th Sept., 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 5.30 5.31	G.M.T. 11.48 11.48	G.M.T. 6.6 6.4
Greenwich ...	5.38 5.39	11.55 11.55	6.12 6.10
Wick ...	5.45 5.47	12.7 12.7	6.29 6.26
Valencia ...	6.18 6.19	12.36 12.36	6.54 6.52

## NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 65° in almost all parts of these Islands and failed to reach 60° in many places. As much as 1.8 in. of rain fell at Roche's Point, and about 0.5 in. at Portland Bill, while in the east and north-east of Scotland the figure varied between 0.5 and 0.8 in. Smaller amounts of rain were experienced in most other parts of the Kingdom, and thunder and lightning occurred locally. Bright sunshine was very prevalent over a large area in England and Wales, and some parts of Ireland.

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.

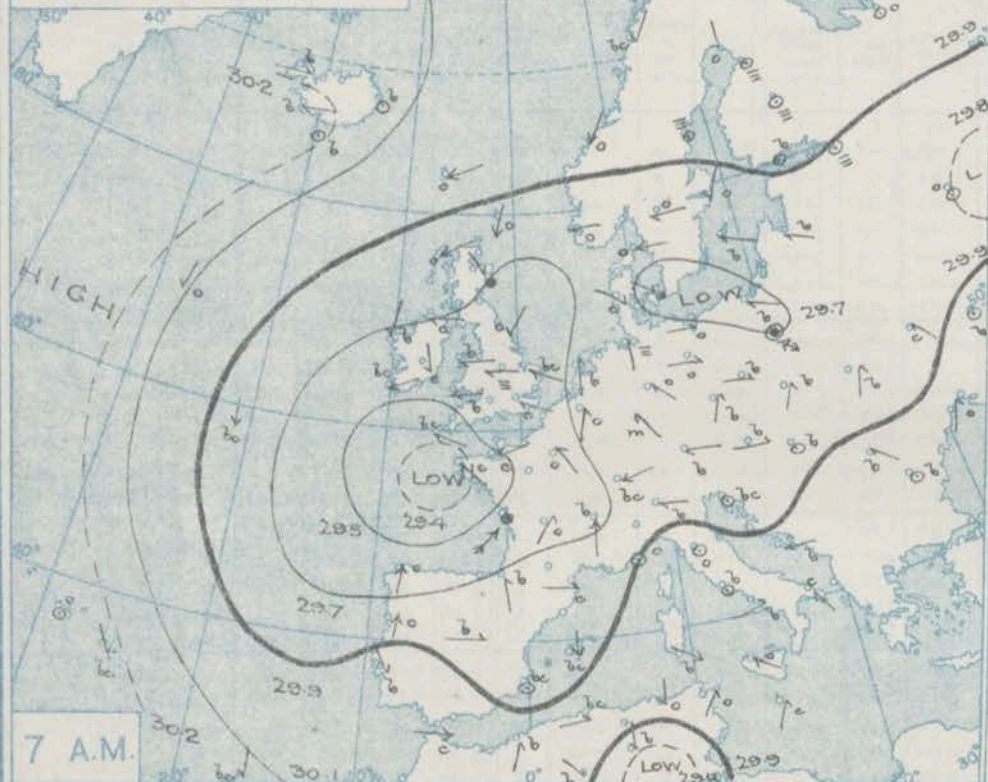
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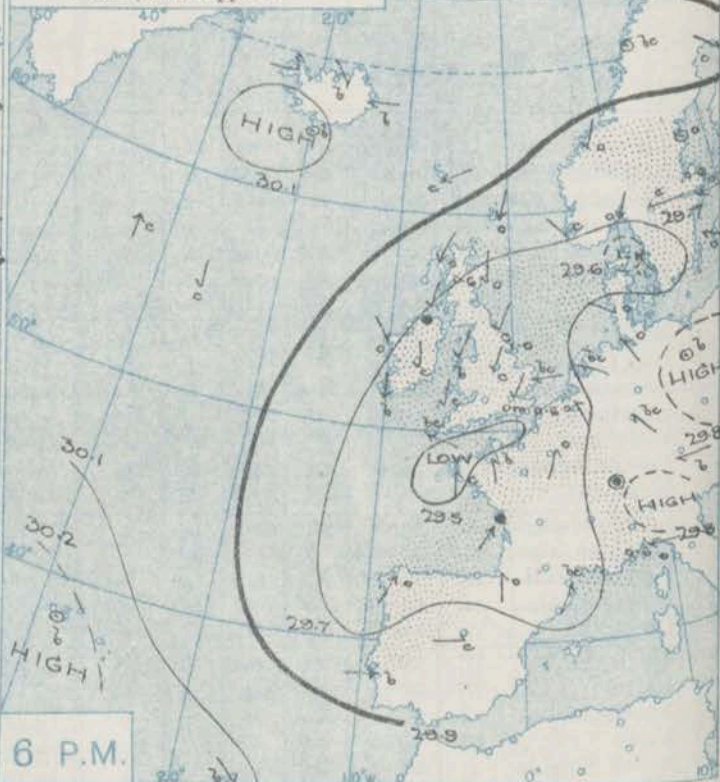
† Received too late for insertion in Charts.



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



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 pressure distribution over the United Kingdom and its neighbourhood will continue mainly

cyclonic for the present, and the general character of the weather will be unstable.

## FORECASTS FOR THE 24 HOURS NOON Wednesday TO NOON Thursday.

0 {  
1 {  
2 {  
3 {  
4 {  
5 {

Northerly or North-Easterly winds, light or moderate; much cloud, some rain and mist; temperature rather low.

Wind light or moderate between North and East; cloudy or overcast generally, some rain, mist locally; 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 Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

6 {  
7 {  
8 {  
9 {  
10 {

Same as Nos. 0 to 2.

Northerly and North-Easterly winds, light or moderate; changeable, some rain and mist; rather cool.

Northerly winds, light or moderate; changeable, some showers locally; cool.

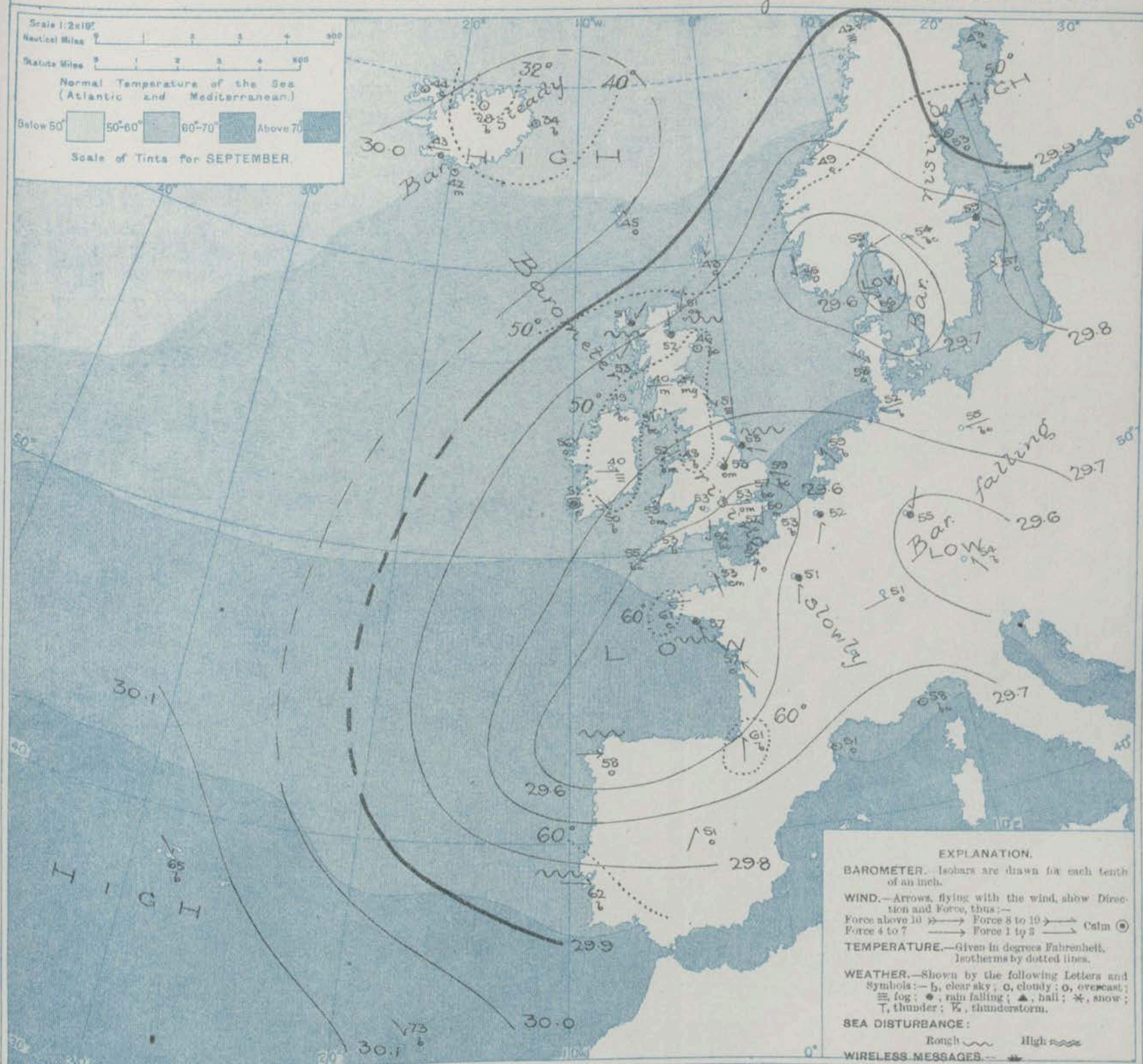
### 11 WESTERN CHANNEL AND BAY.

Wind mainly Easterly or North-Easterly, light or moderate; sea slight; some mist and rain.

## THE FURTHER OUTLOOK.



SYNOPTIC CHART FOR 7 A.M. Wednesday, 17<sup>th</sup> SEPTEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is below 29.6 in. in a shallow depression covering the south of England, the Channel and a large portion of France and the Bay of Biscay, as well as in another system over South Germany, and in a third centred over the Skager Rack. Over Iceland the readings are above 30.0 in., and at the Azores above 30.1 in.

Over these Islands the main wind direction is North-Easterly to Easterly and the force light to moderate, but in the west and north east of France, Belgium and Holland there is a light breeze

from some Southerly point. The circulation of wind around the Danish depression is well-marked. Temperature is as low as  $40^{\circ}$  at Glasgow and Birr Castle, and  $46^{\circ}$  at Aberdeen, but increases to  $58^{\circ}$  at Spurn Head, and to  $59^{\circ}$  at Great Yarmouth. Rain is falling in several parts of this country and the nearer regions of the Continent, as well as at Stockholm, and mist or fog is reported at several stations. In various localities, however, the weather is fair to bright.



## DAILY WEATHER REPORT.

Wednesday, 17th September 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.	
16th, 6 p.m.	54	31	Hesperian	H	30.99	-0.2	S	4-5	0	16th, 7 a.m.	53	29	California	O	30.15	0.00	SE	1-3	0
"	54	25	Sanchezian	O	30.06	+0.1	N	1-3	0	"	54	27	Laurentie	O	30.10	+0.2	NNE	1-3	0
"	"	"	"	"	"	"	"	"	"	"	49	21	Winnemoka	O	29.80	+0.12	N	6-7	bc

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	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	...	...	...	...	...	...		Brighton	...	...	...	...	...	...
	Leamington Spa	...	...	...	...	...	...		Worthing	...	...	...	...	...	...
	Malvern	...	...	...	...	...	...		Littlehampton	...	...	...	...	...	...
Wales.	Rhyl	...	...	...	...	...	...		Southsea	...	...	...	...	...	...
	Colwyn Bay	...	...	...	...	...	...		Ryde	...	...	...	...	...	...
	Llandudno	...	...	...	...	...	...		Ventnor	...	...	...	...	...	...
	Bettws-y-Coed	...	...	...	...	...	...		Bournemouth	...	...	...	...	...	...
	Aberystwyth	...	...	...	...	...	...		Weymouth	...	...	...	...	...	...
England, E.	Terby	...	...	...	...	...	...		Exmouth	...	...	...	...	...	...
	Lowestoft	...	...	...	...	...	...		Teignmouth	...	...	...	...	...	...
	Felixstowe	...	...	...	...	...	...		Torquay	...	...	...	...	...	...
	Walton-on-Naze	...	...	...	...	...	...		Paignton	...	...	...	...	...	...
England, S.W.	Southend-on-Sea	...	...	...	...	...	...		Falmouth	...	...	...	...	...	...
	"	...	...	...	...	...	...		Bude	...	...	...	...	...	...
England, S.E.	"	...	...	...	...	...	...		Ilfracombe	...	...	...	...	...	...
	"	...	...	...	...	...	...		Weston-super-Mare	...	...	...	...	...	...

## 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.	Forenoon.	Afternoon.	
Greenwich (Royal Obs.)	71	89	66	51	50	0.40	bc	0.0th of 0	3.7	Dublin to 4 p.m.	...	...	...	...	...
City (Bankhill Row)	...	...	...	...	...	...	...	...	1.5	Plymouth to 9 p.m.	...	...	...	...	...
Westminster (St. James's Pk.)	76	96	64	52	49	0.39	bc	r.m.o. o.c.	2.8	Darwen	...	...	...	...	...
Camden Sq. (Brit. Rainfall)	59	93	67	51	48	0.46	bc	bc o.c. o.p.m.	3.3	Manchester	...	...	...	...	...
Hampstead (Reservoir)	...	88	63	50	41	0.41	bc	bc o.c. o.p.m.	3.4	Birmingham	...	...	...	...	...
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 (Roof of M.O.)			70 96		836 joules.		18.5 Milliwatts.		58.5 Milliwatts.		2.4		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

17th & 18th Sept. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 5.31 5.32	G.M.T. 11.48 11.47	G.M.T. 6.4 6.2
Greenwich	5.39 5.40	11.55 11.54	6.10 6.9
Wick	5.47 5.49	12.7 12.6	6.26 6.24
Valencia	6.10 6.20	12.36 12.35	6.52 6.50

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature remained below 65° in almost all parts of the Kingdom, and below 60° in several places. Rain was experienced very generally, with thunder and lightning in the east and south-east of England. At North Shields the rain measurement was 0.95 in. In Scotland the day was nearly sunless, and there was little sun in the south-east, south and south-west of England, but in Ireland and the N. and E. of England the day was bright, more than 10 hours of sunshine being recorded at several places.

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

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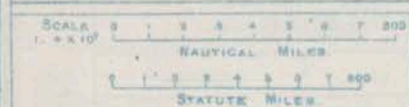
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday  
13<sup>th</sup> September 1913.

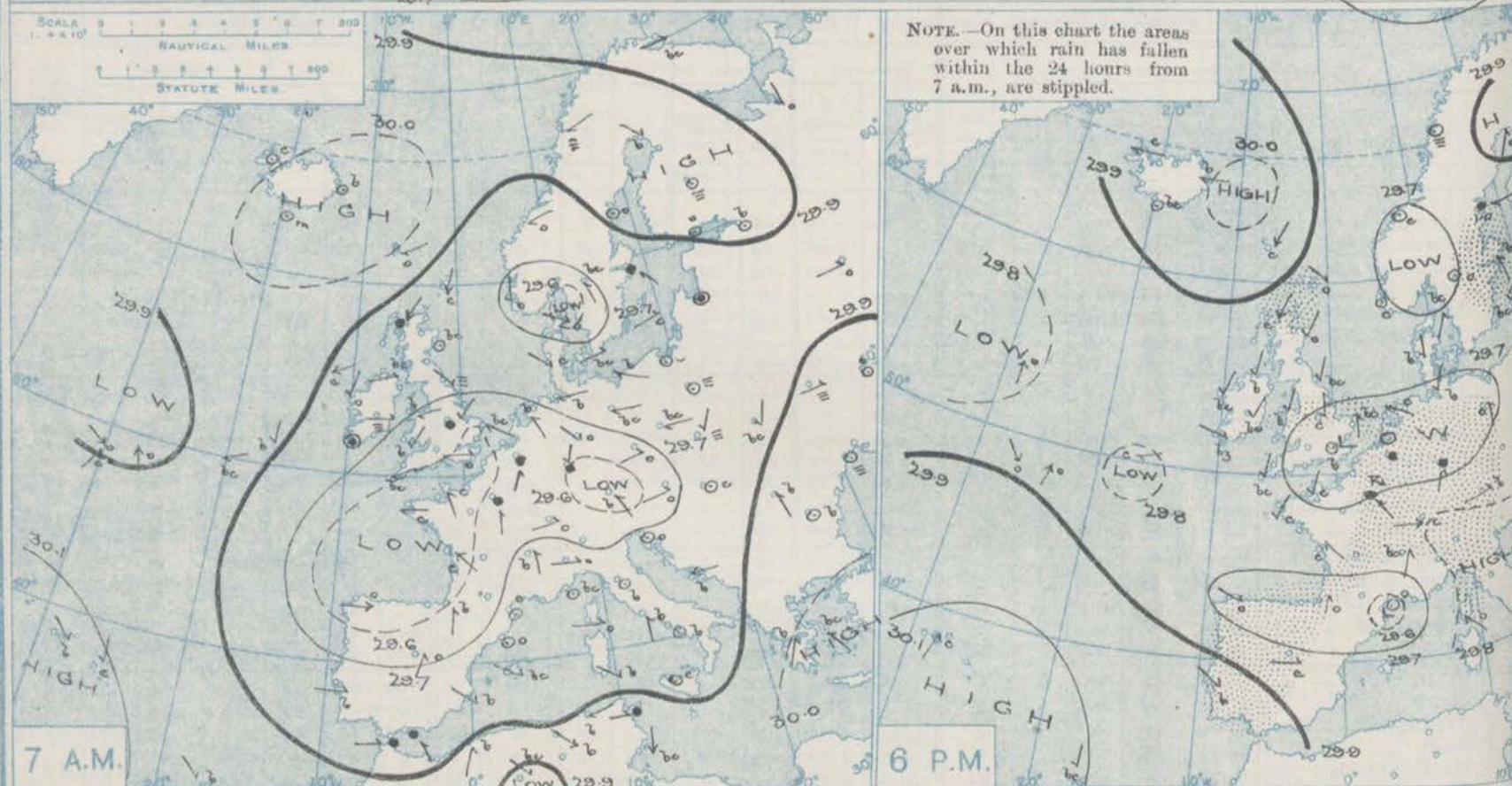
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.							
		At 82° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Force (0 to 12).	Weather.		At 32° Fahr. 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.				
BRITISH ISLANDS.																								
Lerwick ... ..		In.	F.				In.	In.	F.						In.	F.	F.							Hours
Stornoway ... ..		29.84	50	NW	3	o	29.83	+0.02	48	0	NNW	3	r	3	0.02	50	46	c	op	op	op	op	op	*
Castlebay (Barra Isd.)		29.88	51	NE	5	c	29.92	+0.02	49	-2	NE	2	o	2	0.01	54	48	o,c	c	c,o	c,o	c,o	0.2	
Glasgow ... ..		29.82	53	NNE	3	o	29.86	+0.02	52	-1	NNW	1	o	1	-	56	51	o,c	o	o,c,o	o,c,o	o,c,o	0.0	
Malin Head ... ..		29.79	55	ENE	1	b	29.90	+0.04	45	+5	-	0	m	2	-	60	40	m,b,c,b	b,b,c,b	b,m	b,m	b,m	4.7	
Blackod Point ... ..		29.80	54	NNE	2	b	29.86	+0.01	49	0	SSW	2	c	1	-	60	48	bc	bc	bc,m	bc,m	bc,m	*	
Valencia ... ..		29.78	57	NE	2	bc	29.88	+0.03	50	-2	E	1	c	3	Trace	60	42	bc	bc	bc,m	bc,m	bc,m	7.4	
Roche's Point ... ..		29.81	58	WNW	1	bc	29.88	+0.03	50	-2	E	1	c	3	Trace	60	42	bc	bc	bc,m	bc,m	bc,m	7.4	
Birr Castle ... ..		29.79	59	SW	1	b	29.90	0	49	-1	N	2	b	2	0.02	63	47	b	b	b,m	b,m	b,m	*	
Donaghadee ... ..		29.76	57	NE	1	bc	29.88	0	36	-4	W	1	f	1	-	64	36	bc	bc	bc	bc	bc	8.0	
Liverpool Obsy. ... ..		29.78	55	NNW	2	bc	29.88	+0.02	50	-1	W	1	o	1	-	57	48	bc,m	bc	c,b,c,m	c,b,c,m	c,b,c,m	*	
Holyhead ... ..		29.74	56	NNE	2	o	29.87	+0.05	51	+3	NE	1	c	1	0.01	61	48	bc	bc	bc	bc	bc	4.3	
Pembroke (St. Ann's Hd.)		29.75	58	NNE	2	bc,m	29.86	+0.03	55	+3	ENE	2	cm	1	Trace	64	50	bc	bc	bc	bc	bc	10.3	
Newquay ... ..		29.71	56	N	3	bc	29.83	+0.04	53	0	NNE	1	bc,m	1	Trace	65	52	bc	bc	bc	bc	bc	10.2	
Scilly (St. Mary's) ... ..		29.69	59	NNW	4	bc	29.84	+0.06	57	+4	NNW	4	c	4	-	60	53	bc	bc	bc	bc	bc	7.6	
Jersey (St. Aubin) ... ..		29.72	57	NNE	2	bc	29.85	+0.03	55	0	NNW	3	bc,m	2	-	63	55	bc	bc	bc	bc	bc	10.7	
Portland Bill ... ..		29.67	63	NNE	3	c	29.82	0	55	+2	NNW	2	cm	1	-	66	50	c,b,c	bc	bc	bc	bc	8.1	
Dungeness ... ..		29.68	59	SW	1	c	29.81	+0.04	55	-1	NNE	2	c	2	-	62	50	bc	c	c	c	c	*	
Dover ... ..		29.67	59	SW	2	c	29.79	+0.04	50	-2	NW	2	og	2	0.15	62	46	bc	c	c	c	c	*	
Wick ... ..		29.69	57	SW	1	bc	29.81	0	55	+5	-	0	m	2	0.15	60	49	bc	bc	bc	bc	bc	1.0	
Nairn ... ..		29.86	49	NNE	3	o	29.89	+0.02	47	-4	NW	1	cm	3	Trace	51	43	cm	cm	cm	cm	cm	*	
Aberdeen ... ..		29.85	50	NE	1	o	29.90	0	47	-5	-	0	c	1	0.07	53	45	bc	bc	bc	bc	bc	0.0	
Leith ... ..		29.84	52	NE	3	o	29.91	+0.02	48	+2	-	0	o	2	0.03	60	45	bc	bc	bc	bc	bc	3.0	
North Shields ... ..		29.78	55	ESE	1	b	29.88	+0.03	49	+2	ESE	1	cm	1	-	59	43	bc	bc	bc	bc	bc	7.9	
Spurn Head ... ..		29.78	55	NNE	2	bc	29.89	+0.03	51	0	NNW	1	bc	2	-	60	49	bc	bc	bc	bc	bc	4.3	
Yarmouth ... ..		29.69	59	ENE	3	bc	29.87	+0.04	57	-1	NE	4	bc	4	0.11	65	54	bc	bc	bc	bc	bc	4.3	
Clacton-on-Sea ... ..		29.68	59	S	2	bc	29.79	+0.02	59	0	ENE	1	bc	1	0.03	64	54	bc	bc	bc	bc	bc	4.6	
Nottingham ... ..		29.66	60	-	0	c	29.79	+0.04	54	-3	N	2	o	1	-	62	53	bc	bc	bc	bc	bc	3.6	
Bath ... ..		29.69	56	NNE	3	c	29.84	0	55	+2	NNE	2	bc	1	0.23	60	53	bc	bc	bc	bc	bc	5.0	
London (Kew Obsy.) ... ..		29.67	56	N	-	o	29.84	0	50	-3	NW	-	m	1	0.04	60	48	bc	bc	bc	bc	bc	0.4	
Spitzbergen ... ..		29.67	57	-	0	bc,m	29.83	+0.04	49	-4	W	1	ofw	1	-	60	45	bc	bc	bc	bc	bc	0.0	
Isafjord ... ..		29.50	32	NW	7	s	29.69	+0.01	30	-2	NW	7	c	1	-	34	18	-	-	-	-	-	-	
Reykjavik ... ..		29.95	51	E	2	c	29.89	-0.01	42	-2	-	0	c	1	-	55	43	-	-	-	-	-	-	
Vestmanna ... ..		29.99	50	ESE	3	c	29.84	-0.04	46	+3	E	3	c	1	-	55	43	-	-	-	-	-	-	
Seydisfjord ... ..		29.98	47	-	0	bc	29.84	-0.02	44	+2	E	6	o	1	-	55	43	-	-	-	-	-	-	
Thorshavn ... ..		30.00	52	E	1	b	29.98	-0.01	38	+4	S	2	c	1	-	55	43	-	-	-	-	-	-	
Haparanda ... ..		29.99	48	NE	4	c	29.98	+0.01	37	-8	-	0	bc	1	-	55	43	-	-	-	-	-	-	
Hernösand ... ..		29.94	50	SW	2	o	29.91	+0.01	49	+6	S	2	o	1	-	55	43	-	-	-	-	-	-	
Stockholm ... ..		29.86	52	E	2	r	29.82	+0.02	56	+3	-	0	bc	1	0.09	57	52	-	-	-	-	-	-	
Wisby ... ..		29.80	52	SSE	2	b	29.76	-0.02	55	-4	-	0	f	1	0.08	64	50	-	-	-	-	-	-	
Karlstad ... ..		29.82	53	-	0	bc	29.75	-0.01	56	-1	E	2	o	1	Trace	61	50	-	-	-	-	-	-	
Färder (X'ania Fjord) ... ..		29.69	57	-	0	o	29.75	+0.04	56	+2	-	0	o	1	0.24	59	52	-	-	-	-	-	-	
Bodö ... ..		29.66	56	W	2	o	29.71	+0.02	57	+2	SE	1	o	1	-	57	55	-	-	-	-	-	-	
Christiansund ... ..		29.87	45	-	0	f	29.84	-0.02	48	+6	NE	1	b	1	-	50	41	-	-	-	-	-	-	
Skudesnaes ... ..		29.69	52	-	0	c	29.72	+0.02	47	-2	-	0	f	2	-	55	46	-	-	-	-	-	-	
The Scaw (Skagen) ... ..		29.70	55	-	0	c	29.75	-0.02	54	-1	SW	2	o	2	-	55	52	-	-	-	-	-	-	
Blavands Huk ... ..		29.71	58	SW	1	bc	29.73	+0.03	55	-1	-	0	c	0	-	63	52	-	-	-	-	-	-	
Cuxhaven ... ..		29.74	56	N	1	b	29.78	+0.04	56	-2	NW	1	o	1	-	61	50	-	-	-	-	-	-	
The Helder ... ..		29.66	59	NE	3	b	29.76	+0.06	57	+5	N	3	b	0	-	64	52	-	-	-	-	-	-	
Brussels ... ..		29.69	60	ENE	2	bc	29.84	+0.05	53	-1	NNE	2	b	1	0.12	66	57	-	-	-	-	-	-	
Berlin ... ..		29.72	53	-	0	r	29.82	+0.05	53	+1	-	0	r	1	0.63	63	51	-	-	-	-	-	-	
Frankfurt ... ..		29.61	60	S	2	o	29.66	+0.04	55	0	SW	2	o	1	0.16	66	52	-	-	-	-	-	-	
Munich ... ..		29.65	55	SW	5	r	29.84	+0.07	51	-4	-	0	m	1	0.32	57	48	-	-	-	-	-	-	
C. Gris Nez ... ..		29.77	55	WSW	3	b	29.85	+0.01	48	-6	NE	3	r	1	Trace	63	45	-	-	-	-	-	-	
La Hève ... ..		29.67	59	SW	3	c	29.80	+0.04	56	+3	S	3	r	2	0.04	66	53	-	-	-	-	-	-	
Brest (St. Mathieu) ... ..		29.71	58	-	0	c	29.80	0	55	+1	-	0	m	0	-	66	50	-	-	-	-	-	-	
Lorient (Bec Melon) ... ..		29.72	65	NE	2	c	29.86	+0.04	56	-5	NNW	2	m	2	-	75	52	-	-	-	-	-	-	
Rochefort (Ile d'Aix) ... ..		29.73	63	SE	2	c	29.81	+0.07	54	-3	NE	2	bc	1	-	68	52	-	-	-	-	-	-	
Biarritz ... ..		29.63	64	SSW	3	o	29.78	+0.07	57	-4	ESE	1	o	2	0.04	70	55	-	-	-	-	-	-	
Paris ... ..		29.83	56	S	3	r	29.83	+0.05	50	-1	-	0	bc	1	0.12	63	46	-	-	-	-	-	-	
Belfort ... ..		29.71	54	W	4	c	29.85	0	47	-4	-	0	r	1	0.04	60	45</							



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



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 barometer will continue to rise over the United Kingdom generally for the present, but there are some indications of the approach of

another depression towards Iceland, and this may affect the north and north-west of the Kingdom before long.

## FORECASTS FOR THE 24 HOURS NOON Thursday

## TO NOON Friday.

0 {  
a Wind mainly Northerly, light,  
b shifting to West or South-West by  
to-morrow; mostly cloudy or overcast,  
some fog or mist; rather low  
temperature.

1

2 {  
a  
b

3

4 {  
a  
b

5

Wind rather variable, but mainly from the Northward, light; mostly fair, but dull at times, with mist or fog locally; moderate or rather low 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 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

Same as Nos. 0 and 1.

Same as Nos. 2 to 5.

Wind light and variable, then becoming Southerly or South-Westerly; fair generally, some rain locally, mist or fog at times; cool.

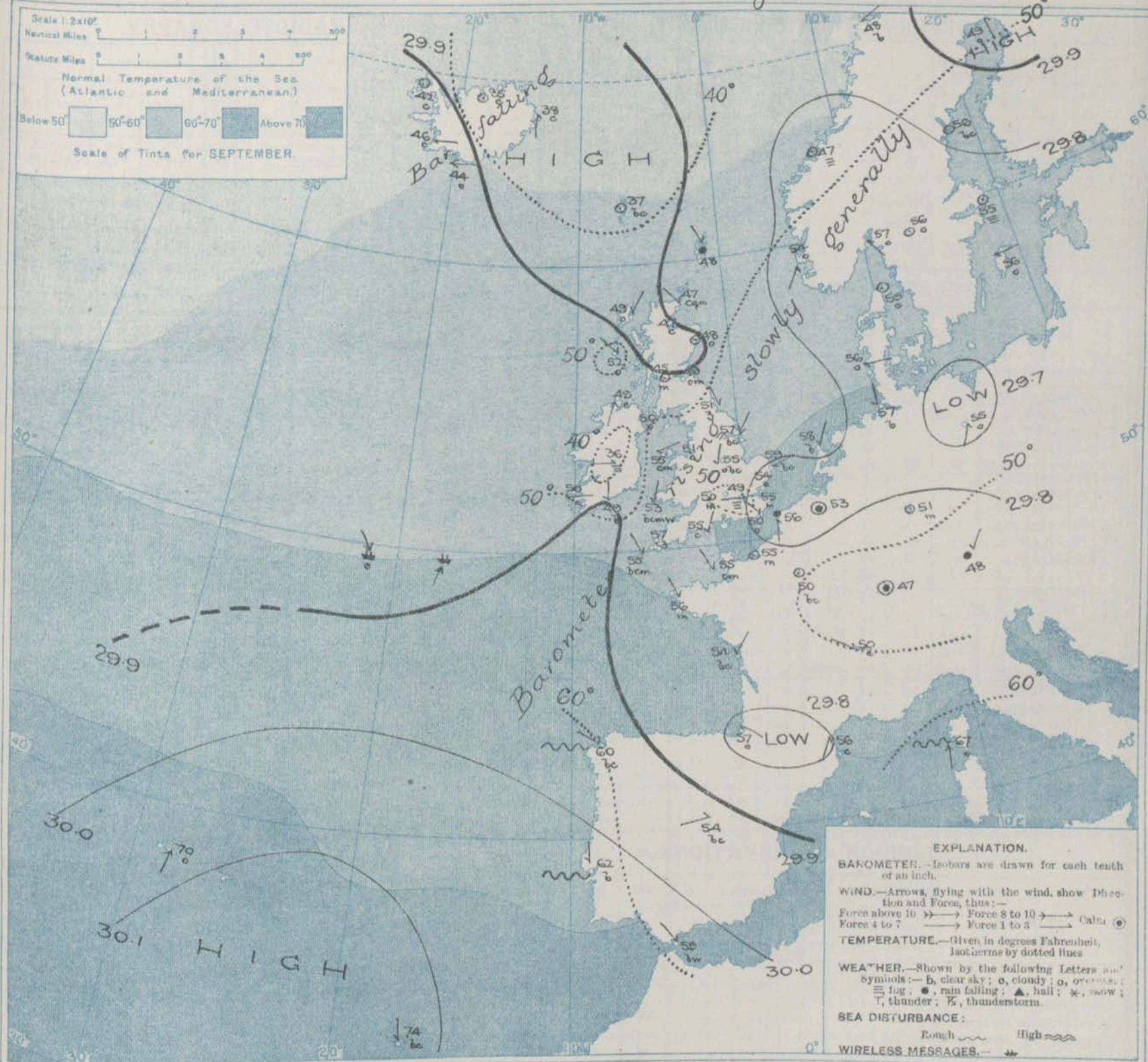
## 11 WESTERN CHANNEL AND BAY.

Northerly to North-Westerly winds, light or moderate, some mist or fog, otherwise fair generally.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Thursday, 18<sup>th</sup> SEPTEMBER 1913.



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

Barometric pressure has become very uniform over the whole of Western and North-Western Europe. The readings are about 30.0 in. at the Azores and in the south of Spain, and above 29.9 in. in the north of Scotland and thence to Iceland, and also in the north of Sweden. In the south-west of France they decrease to below 29.8 in., and at Berlin to below 29.7 in.

The wind is light and rather variable in direction, but generally it is from some point between North-West and North-East over the United Kingdom and its neighbourhood. Temperature has fallen in

most regions. Over these Islands it ranges from 59° at Great Yarmouth to 49° in London and at some northern stations, to 45° at Glasgow, and to 36° at Birr Castle. The condition of the weather varies greatly. Over a large area both in these Islands and on the continent the sky is very cloudy or quite overcast, but at several stations there is little cloud. Mist or fog is reported in various places and rain is falling in Shetland and at a few continental stations.



## DAILY WEATHER REPORT.

Thursday, 18th September, 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.	
18th, 7 a.m.	49	17	Olympic	H	29.86	00	SSW	4-5	?	17th, 7 a.m.	48	30	Olympic	H	29.89	-03	SW	4-5	c
17th, 6 p.m.	53	29	Carthaginian	O	29.76	-09	S	6-7	o	"	50	20	Adriatic	H	?	?	ENE	1-3	bc
"	50	17	Adriatic	H	29.78	-03	ENE	1-3	c	"	51	15	Gymnic	H	29.94	+08	N	1-3	b
"	51	11	Gymnic	H	29.80	-02	N	1-3	bc	"	55	11	Virginian	H	29.94	00	ENE	4-5	o
"	48	26	New York	H	29.90	00	NW	4-5	o	"	49	27	Finland	O	29.87	-13	SSE	4-5	o
"	48	24	Olympic	H	29.88	+01	SSW	4-5	o	"	48	30	Finland	O	29.79	-06	WNW	4-5	o

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.	b.c.b.	b.c.b.	Hr.	(Margate ...)	In.	F.	F.	r.b.	o	Hr.
Oban ...	0.11	64	45	bc	cg	9.0	Ramsgate ...	0.15	61	51	"	"	1.2
Stonehaven ...	0.07	58	42	bc	cg	4.6	Folkestone ...	0.79	60	52	od.or	ot.c.b.	1.3
Carnoustie ...	0.07	60	41	"	"	7.5	Hythe ...	"	"	"	"	"	"
St. Andrews ...	"	58	36	"	"	8.2	Littlestone ...	"	"	"	"	"	0.2
England, N.E.	"	"	"	"	"	"	Hastings ...	"	62	49	o	b.c.b.	1.0
Harrogate ...	0.28	54	45	or	or.o	0.0	Bexhill-on-Sea ...	"	63	50	o.c.	c.b.c.	1.5
Scarborough ...	"	57	48	or	o	0.0	Eastbourne ...	"	62	46	o.c.	b.c.o.	1.6
England, N.W.	"	"	"	"	"	"	Seaford ...	"	63	45	c.b.	b.c.	2.5
Douglas ...	"	62	47	b	b	10.6	Brighton ...	"	62	47	c	c	3.8
Blackpool ...	"	63	41	c	c	5.3	Worthing ...	"	63	47	b.c.c.	c.	4.2
Southport ...	"	61	44	b.c.c.	b.c.c.o	3.5	Littlehampton ...	"	"	"	"	"	5.7
England, Mid-lands.	"	"	"	"	"	"	Southsea ...	"	64	47	o.c.b.	b.c.c.	3.3
Buxton ...	0.37	55	45	or	bc	0.5	Ryde ...	"	61	58	b.c.o.	c	0.0
Leamington Spa ...	0.03	60	50	o	o	0.7	Ventnor ...	0.02	63	48	"	"	7.0
Malvern ...	"	"	"	"	"	0.1	Bournemouth ...	"	62	45	o.c.o	o.c.o	1.0
Wales.	"	"	"	"	"	"	Weymouth ...	"	64	48	o.c	c	1.5
Rhyl ...	"	61	40	"	b.b.c.c.	9.0	Exmouth ...	"	62	46	b.c.b.	b.c.c.	0.6
Colwyn Bay ...	"	61	47	b	b	7.6	Teignmouth ...	0.01	62	51	c.b.	c	1.7
Llandudno ...	"	63	46	b	b	9.5	Torquay ...	0.02	65	48	bc	c	3.8
Bettws-y-Coed ...	"	60	40	b.c.	b.c.	?	Paignton ...	"	64	47	c.b.c.	c.b.c.	2.7
Aberystwyth ...	"	64	50	o.c.b.	c.o.	7.7	Falmouth ...	"	63	48	b	b	4.9
Tenby ...	0.01	61	46	b	b	10.5	Bude ...	"	64	56	w.b.c.	b	8.4
England, S.E.	"	"	"	"	"	"	Ilfracombe ...	0.01	64	49	b	b.b.c.c.	7.6
Lowestoft ...	0.13	63	54	b.c.c.	c	4.4	Weston-super-Mare ...	0.07	61	46	c.b.c.b.	c.b.c.	1.0
Felixstowe ...	0.07	64	54	b.c.p.	c.b.c.	5.1							
Walton-on-Naze ...	0.63	61	53	b.c.or	b.c.	2.3							
Southend-on-Sea ...	0.07	62	51	m.b.c.m.	m	1.8							

## 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.				In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Greenwich (Royal Obs.) ...	74	99	66	45	36	c.b.c.	c.	2.2	Dublin to 4 p.m.	"	59	42	40	b.c.m.	4.3
City (Bunhill Row) ...	"	"	"	"	"	"	"	0.4	Plymouth to 9 p.m.	"	63	51	43	c.b.	0.8
Westminster (St. James's Pk.)	86	99	62	49	46	"	o	0.8	Darwen "	0.01	56	46	39	b.c.	0.4
Camden Sq. (Brit. Ratfall)	73	98	62	46	45	o.g.m.c.	o	0.1	Manchester "	"	"	"	"	"	"
Hampstead (Reservoir) ...	"	99	60	51	37	c.	o	0.7	Birmingham "	0.13	59	50	44	r	0.4
Kew. (See front page.)	"	"	"	"	"	"	"	"	Oxford to 8 p.m.	"	60	49	42	c.b.m.c.	0.0
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.															
Total.			Mean Rate.		Max. Rate.				S. Kensington (Museum Grounds to 6 p.m.)						
4444 joules.			9.8 Milliwatts.		53.5 Milliwatts.				0.18	61	52	45	or.o.m.	og.o.	0.2

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

	18th Sept. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T.	G.M.T.	G.M.T.	
	5.32	11.47	6.2	
	5.34	11.47	6.0	
Greenwich ...	5.40	11.54	6.8	
	5.42	11.54	6.6	
Wick ...	5.49	12.6	6.24	
	5.51	12.6	6.21	
Valencia ...	6.20	12.35	6.50	
	6.22	12.35	6.48	

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature only rose to 54° at Harrogate, 53° at Falmouth and 51° at Wick, and over these Islands generally the maxima were not much above 60°. Rain has fallen in various parts of the kingdom, and thunder has occurred at Margate and Nottingham. The duration of bright sunshine was slight at most stations, but considerable in various parts of the country. According to wireless reports the wind was Westerly to Southerly on the Atlantic between the meridians 17 and 30 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; 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,  
19<sup>th</sup> September, 1913.

† Received too late for insertion in *Chartis*.

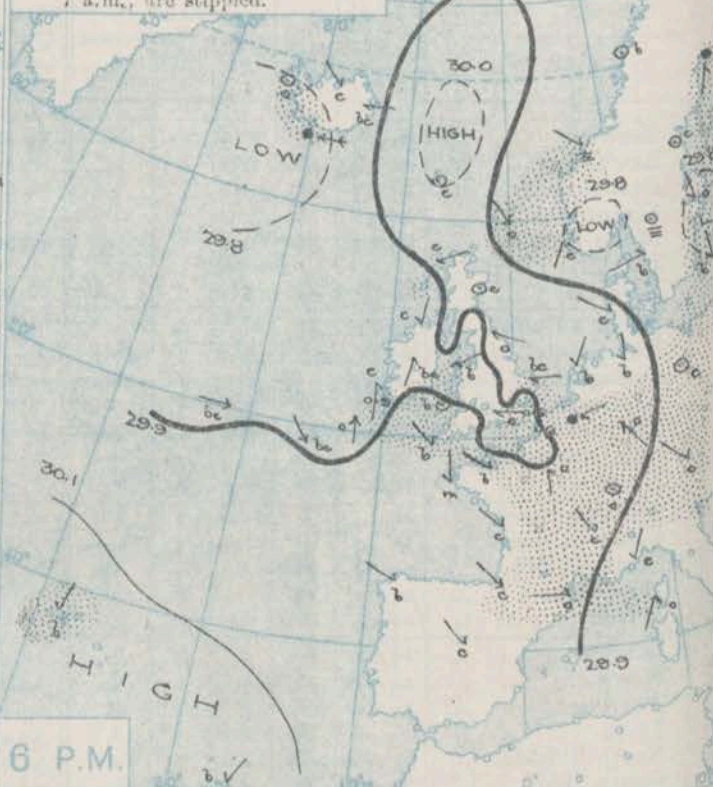
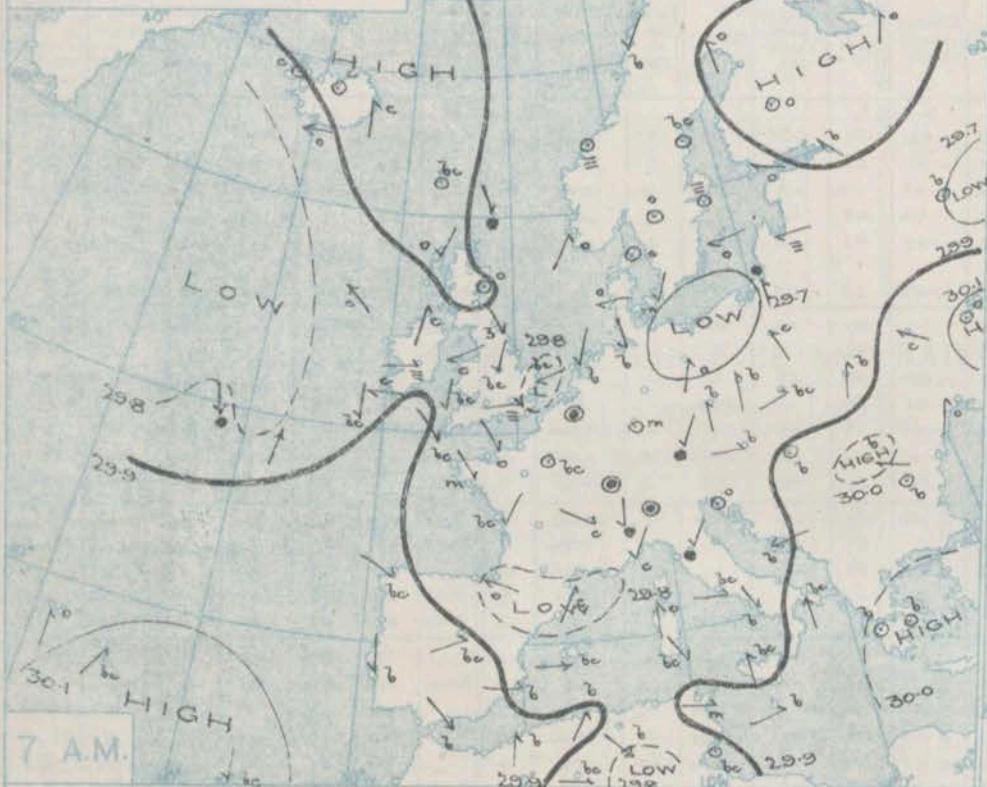
T'storm y'day afternoon.



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



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 in the west seems likely to move in an easterly direction over Great

Britain during the ensuing twenty-four hours.

## FORECASTS FOR THE 24 HOURS NOON Friday

Friday

TO NOON Saturday.

Wind between South and South-East generally, light or moderate; becoming cloudy or overcast, with some mist and rain, and a rather higher temperature.

Wind mainly South-West or South-South-West, light to moderate; fine generally, then becoming very cloudy to overcast, with some rain at night or by to morrow; moderate temperature. Mist or fog patches.

## 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.

Southerly to South-West or South-South-West winds, light or moderate; becoming overcast, with some rain, mist locally; moderate temperature.

Southerly to Westerly or North-West or North-North-West winds, light or moderate; much cloud, some rain and mist, then improving again; moderate temperature.

Wind varying between South and West or North-West, light or moderate; changeable, some rain and mist; moderate temperature.

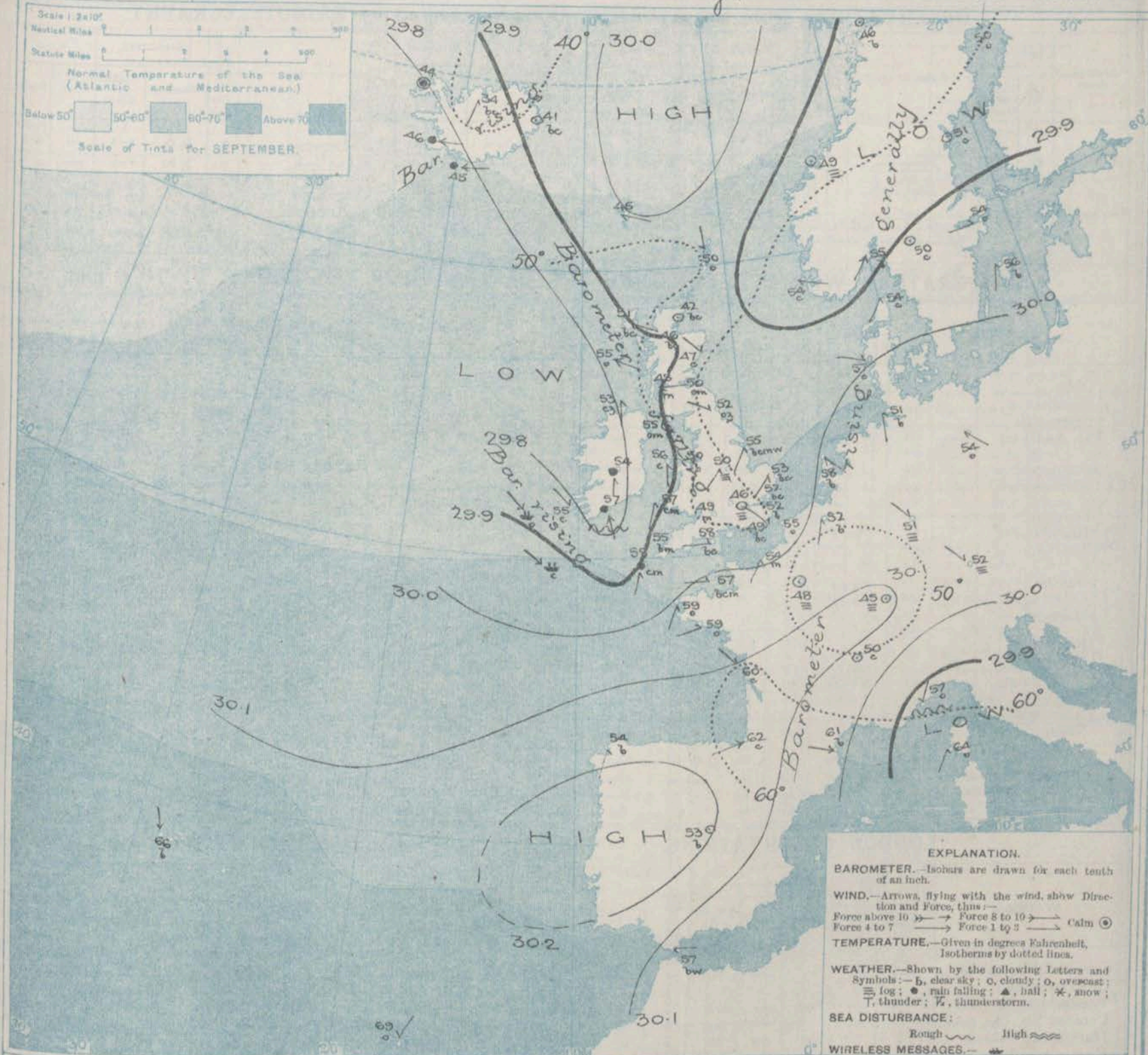
## 11 WESTERN CHANNEL AND BAY.

Wind Southerly to Westerly or North-West or North-North-West, light or moderate; cloudy to rainy, then fairer, some mist; sea slight.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Friday, 19<sup>th</sup> SEPTEMBER 1913.



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

Pressure is below 29.8 in. in a "V"-shaped depression extending from Ireland to Iceland, below 29.9 in. over nearly the whole of Scandinavia, and above 30.2 in. over Spain and Portugal.

The wind varies locally in direction, but is mainly from some Southerly point over the United Kingdom. At Valencia, however, it has shifted to the North-Westward, and Wireless reports show that a North-Westerly breeze prevails some distance off the south-west coast of Ireland. In force it is mostly light to moderate. Temperature has fallen in most regions, rain in

Ireland and the Hebrides. Over these Islands it ranges from 58° at Portland Bill and Scilly to 46° in London and at Hain and to 42° at Wick. Fair weather is reported in most parts of Great Britain, but fog or mist prevails locally. In some parts of Ireland and at Scilly rain is falling. On the Continent the varies considerably, some localities being fair or bright, and others overcast and foggy.



## DAILY WEATHER REPORT.

Friday, 19th September, 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.	
19th, Jan.	51	12	<i>Dominion</i>	O	29.81	+0.4	WNW	4-5	0	18th, 6 p.m.	50	21	<i>Granconia</i>	O	29.86	+0.8	W	4-5	bc
"	49	10	<i>New York</i>	H	29.95	-0.2	WNW	4-5	0	"	49	16	<i>New York</i>	H	29.89	+0.2	WNW	4-5	bc
18th, 6 p.m.	50 35	11 51	<i>H.M.S.</i>	H	29.93	-	S	4	0	"	56	14	<i>Hesperian</i>	H	29.83	+0.5	SE	4-5	c
			Dry Bulb, 61°; Wet Bulb, 58°; Sea Temperature, 58°; Sea Disturbance, 2. Barometer steady, wind increasing.																
										"	51	11	<i>Adriatic</i>	H	29.76	-0.1	N	1-3	bc

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
Oban ...	-	61	42	b.o	og	0.2	Ramsgate ...	0.33	60	51	r	b	1.7
Stonehaven ...	-	54	48	cg	c	0.0	Folkestone ...	0.40	60	52			0.2
Carnoustie ...	-	54	48			0.8	Hythe ...	0.22	57	53	or	o.cu	
St. Andrews ...	-	55	46		bc	2.5	Littlestone ...						0.0
England, N.E.							Hastings ...	0.01	61	51	ow.e.	bc.o.	1.8
Harrogate ...	-	62	50	c.bc	b.bc.c	3.2	Bexhill-on-Sea ...	-	61	52	b.c.	c.o.	2.5
Scarborough ...	-	63	54	cb.	cb.	4.7	Eastbourne ...	-	63	47	b.c.	bc.o.	6.0
England, N.W.							Seaford ...	-	66	47	b	bc.	6.0
Douglas ...	-	61	46	b	b	9.6	Brighton ...	-	65	46	bc.c.	c.o.	6.1
Blackpool ...	0.05	65	51	p.o.c.	o.cu.	2.7	Worthing ...	-	66	47	bc	bc.o.	6.5
Southport ...	-	61	50	o.bc.o.	bc.o.	1.6	Littlehampton ...	-					7.3
Mid-lands.							Southsea ...	-	65	50	b.bc.	bc	7.5
Buxton ...	0.01	61	45	bc.r.	bc	3.0	Ryde ...	-	64	56	bc	bc.c.	8.3
Leamington Spa ...	0.02	64		c.b	cb	2.1	Ventnor ...	-	65	52		bc	5.1
Malvern ...	-					2.6	Bournemouth ...	-	65	47	bc	bc	4.6
Wales.							Weymouth ...	-	67	53	b	b.bc.b	3.6
Rhyl ...	-	65	54	c.bc.	bc.b.o.	4.0	Exmouth ...	-	61	51	bc.c.	bc	3.6
Colwyn Bay ...	0.31	62	54	b	bc.op	3.0	Teignmouth ...	-	66	53	bc.b.	b.bc.	3.9
Llandudno ...	0.08	64	54	c.b.	bc.	3.8	Torquay ...	-	65	51	o.c.	c.bc	3.3
Bettws-y-Coed ...	0.05	61	52	og	-	4.2	Paignton ...	-	64	51	c.bc.	b	8.9
Aberystwyth ...	-	66	50	o.c.b.	bc.c.	7.0	Falmouth ...	-	65	49	b	b	1.9
Tenby ...	-	68	58	b	b.bc.	5.5	Bude ...	-	64	47	ow.bey	o	2.0
England, E.							Ilfracombe ...	-	63	57	o	o	3.5
Lowestoft ...	0.34	62	51	or.c.	c.bc.	2.8	Weston-super-Mare ...	-	65	55	c.bc.b.	bc.b.	
Felixstowe ...	0.23	62	50	cm.or	c.bc.	3.8							
Walton-on-Naze ...	0.31	60	52	cf.r	c.bcu.	0.0							
Southend-on-Sea ...	0.07	62	51	p	bc	1.0							

## 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.
	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.	
Greenwich (Royal Obs.) ...	68	88	66	42	3.4	-	aop.	bc	1.5	Dublin to 4 p.m.	In.	F.	F.	F.	bmw	bm	cm
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	0.0	Plymouth to 9 p.m.	-	58	42	39	cb.	og	c.b.
Westminster (St. James's Pk.) ...	79	100	64	46	43	-	oe	oe	1.3	Darwen "	0.07	58	50	48	c.or.b.	bc.o.	agu
Camden Sq. (Brit. Rainfall) ...	71	100	65	44	44	-	o	o.c.o.	0.1	Manchester "	0.12	66	53	*	or.c.	c.bc.	bec
Hampstead (Reservoir) ...	*	77	62	50	33	-	o	o.c.	0.7	Birmingham "		66	50	46	cm.o.	o.bcm	bm.or
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							
S. Kensington (Roof of M.O.)			590 Joules.			13.1 Milliwatts.			1.4	(Museum Grounds to 6 p.m.)	-	64	49	40	b.bcm	om.og	og.c.

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

19th Sept. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 5.34 S.M.T. 5.36	G.M.T. 11.47 S.M.T. 11.45	G.M.T. 6.0 S.M.T. 5.57
Greenwich ...	5.42 5.44	11.54 11.53	6.6 6.3
Wick ...	5.51 5.53	12.6 12.5	6.21 6.18
Valencia ...	6.22 6.24	12.35 12.34	6.48 6.45

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperatures rose to 67° at Bath and Weymouth, and 68° at Tenby, but in many parts of the Kingdom it failed to reach 60°. Rain fell in various localities, more than 0.5 in. at Dover and Valencia, and thunder occurred at Holyhead and Jersey. The duration of bright sunshine varied greatly, but except at some places in the south and S.W. of England, at Holyhead, Aberystwyth and Douglas (3.0 hr.) it was moderate or slight. Wireless reports show that between the 15th and 22nd meridian a moderate W.S. to N.W.S. breeze 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; y. 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  
20<sup>th</sup> September 1913.

[20 September 1913.]																				
YESTERDAY EVENING.							THIS MORNING 7 A.M., G.M.T.							PAST 24 HOURS.						Sun- shine for Yester- day.
STATIONS.							BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.			
At 32° Fabr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 32° Fabr. 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.		
																				Hours

## GALES.

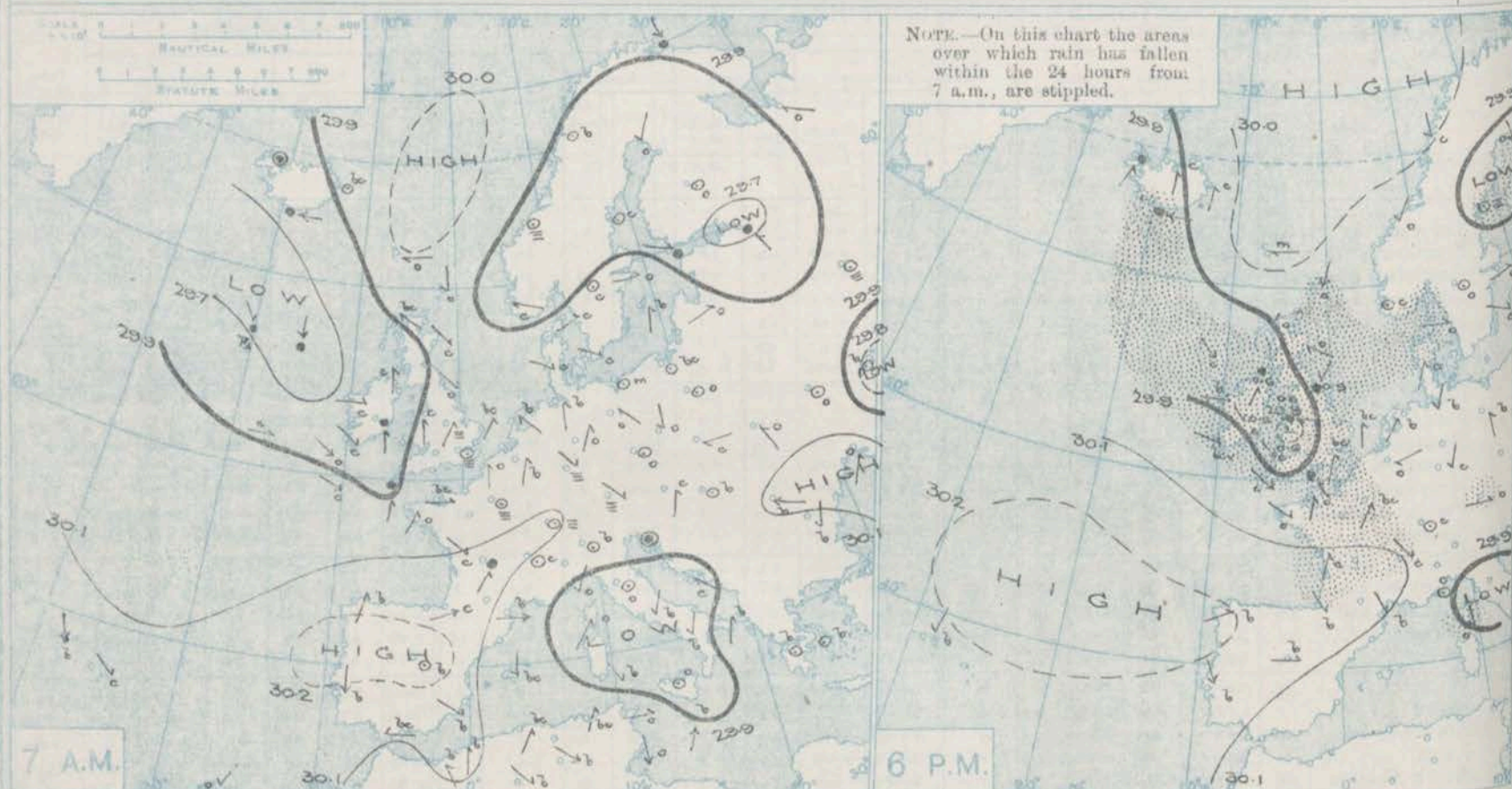
Duration and Extreme Force  
on British Coasts.

\* 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. 19<sup>TH</sup> SEPTEMBER.



7 A.M.

6 P.M.

GENERAL INFERENCE

## WEATHER PROSPECTS.

The shallow depression over these Islands will move slowly to the North Sea and the weather over England will undergo a temporary

improvement. Other disturbances will, however, begin to affect our north-western coasts shortly.

### FORECASTS FOR THE 24 HOURS NOON

Saturday

TO NOON Sunday.

0 {  
a  
b

Wind light or moderate, mainly from some Northerly point; much cloud, some rain and mist; cool.

1 {

2 {  
a  
b

Wind veering to West or North-West, light or moderate, some rain, much cloud, then improving; cool.

3 {

4 {  
a  
b

Wind mainly between West and North-West, light or moderate, much cloud, some rain, then improving; 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 {  
a  
b

Some as Nos. 0 and 1.

7 {  
a  
b

North-Westerly to Westerly winds, light or moderate; changeable, some showers; cool.

8 {  
a  
b

9 {  
a  
b

Wind shifting to North-West, light or moderate; changeable, some rain; cool.

10 {  
a  
b

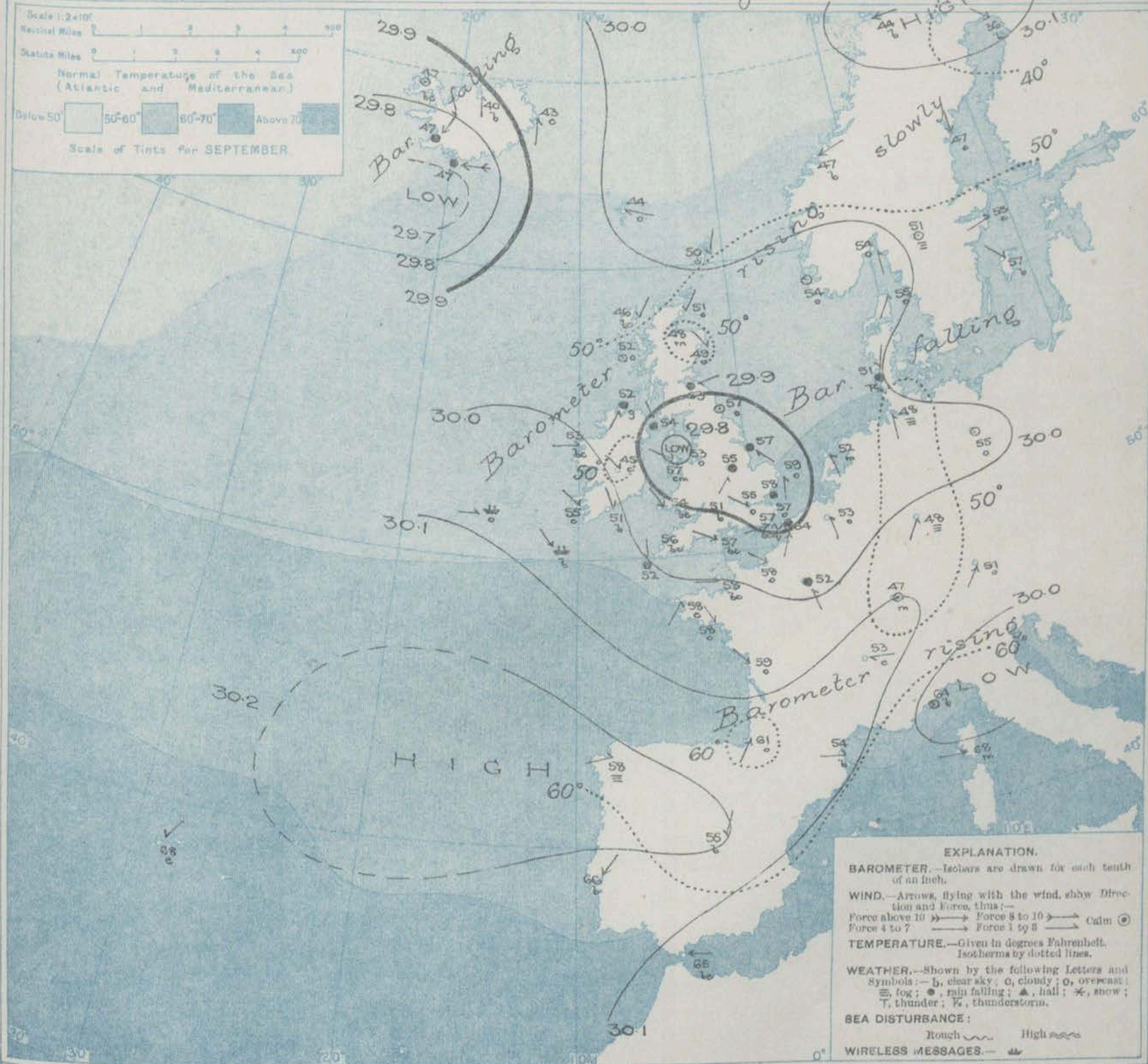
### 11 WESTERN CHANNEL AND BAY.

North-Westerly and Westerly winds, light or moderate; sea slight or moderate, some showers and mist, fair intervals.

### THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Saturday 20<sup>th</sup> SEPTEMBER 1913.



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

Pressure is below 29.8 in. at Holyhead, and below 29.9 in. in a depression covering nearly the whole of England and Wales. Similar readings are reported in another depression approaching Iceland from the south-westward. In the north of Norway and also in the south-west of France the readings are above 30.1 in.

The wind is light or moderate in force in the United Kingdom; from some northerly point in Scotland, the greater part of Ireland and Wales, westerly in the south and south-east of England, and southerly in East Anglia. On the south-west coast of Ireland a gale

from east and north-east prevails. Temperature ranges over these Islands from 59° at Great Yarmouth to below 50° at some Scottish stations and to 45° at Birr Castle. Rain is falling in several parts of England, the south of Scotland, the north of Ireland, and over the greater part of the Kingdom the sky is very cloudy or overcast. At several localities in the west and south-west, however, the weather has become fair. Rain is falling at Paris and before Gros Noy, and a thunderstorm is in progress on the coast of Jutland.



## DAILY WEATHER REPORT.

Saturday, 20th September, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
20th, 7 am	51	15	Daltic	O	30.08	+0.1	W	1-3	O										
" "	50	10	Lake Michigan	H	30.07	+0.4	WNW	4-5	b	19th, 7 am	56	20	Megantic	H	29.70	.00	NW	1-3	cl
19th, 6 pm	56	12	Megantic	H	30.16	+0.2	NW	4-5	c	" "	51	17	Oceanic	O	29.89	+0.3	W	1-3	c
" "	49	5	New York	H	29.99	-0.1	WNW	1-3	b	" "	56	15	Corican	O	29.61	-0.3	N	6-7	T
19th, 8 am	50.6	7.56	H.M.S.	O	29.91	-	S	6	O										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.			Hr.	Margate	In.	F.	F.			Hr.
(Oban ...)	-	63	50	o.b.	l.o.	3.7	Ramsgate	0.04	65	48	b	b	6.6
(Stonehaven ...)	-	58	51	a.g.	b.c.	1.2	Folkestone	-	62	49	b.c.	b.c.m.	7.5
(Carnoustie ...)	-	58	49			2.7	Hythe	-	63	51	b.c.	b.c.m.	7.5
(St. Andrews ...)	-	56	45			0.4	Littlestone	-					7.2
Engl. N.E.							Hastings	-	64	53	b	b.c.b.	8.3
(Harrogate ...)	-	60	50	o.b.	c.	0.8	Bexhill-on-Sea	-	65	54	b	b.c.c.	9.0
(Scarborough ...)	-	65	52	o.c.	c.b.	5.8	Eastbourne	-	65	50	o.c.	b.c.	5.9
England, N.W.							Seaford	-	64	47	c	c	5.2
(Douglas ...)	-	60	49	o.c.	c.c.d.	0.4	Brighton	-	66	46	b.c.c.	c	6.2
(Blackpool ...)	-	66	48	o.m.	o.m.	2.1	Worthing	-	68	47	b.c.	b.c.	6.5
(Southport ...)	-	66	48	f.o.b.	b.c.g.o.	2.2	Littlehampton	-					6.9
Mid-lands.							Southsea	-	67	53	b.c.	b.c.b.	7.3
(Buxton ...)	0.01	63	49	b.c.o.	b.c.	4.1	Ryde	-	65	53	b.c.	b.c.	6.5
(Leamington Spa ...)	-	67	45	b.c.	c	6.3	Ventnor	-	66	55			7.5
(Malvern ...)	-					5.2	Bournemouth	-	65	45	b.c.b.	b.c.o.	7.3
Wales.							Weymouth	0.09	66	48	c.b.c.	b.c.	5.8
(Rhyl ...)	0.05	67	46	o.b.	b.c.r.	3.6	Exmouth	0.14	63	49	b.c.c.	o.	2.7
(Colwyn Bay ...)	0.06	65	49	b	b.c.p.	2.5	Teignmouth	0.29	66	45	f.b.c.	o.	2.6
(Llandudno ...)	0.03	67	50	a	o.	0.0	Torquay	0.23	65	48	b.c.	c.o.	2.4
(Bettws-y-Coed ...)	-	63	45	o.	o.	1.2	Paignton	0.23	65	46	b.c.	o.	1.2
(Aberystwyth ...)	-	62	50	o.c.o.	o.c.o.	0.7	Falmouth	0.22	60	50	o.	o.c.	7
(Teryby ...)	0.36	60	50	o.	r	0.0	Bude	?	65	46	w.b.c.r.	o.	2.0
England, E.							Ilfracombe	0.41	63	52	o	o.	3.0
(Lowestoft ...)	-	64	53	b.c.b.c.	b.c.b.c.	9.9	Weston-super-Mare	0.25	61	47	f.b.	b.c.r.	
(Felixstowe ...)	-	63	53	b.c.b.	b.c.b.	9.7							
(Walton-on-Naze ...)	-	62	50	b.c.m.b.	b.c.m.	7.1							
(Southend-on-Sea ...)	-	65	51	b.c.b.	b.c.	5.5							

## 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.	
Greenwich (Royal Obs.)	66	83	71	54	46	0.09	b	7.3
City (Bunhill Row)	*	*	*	*	*	*	*	3.1
Westminster (St. James's Pk.)	71	88	67	55	50	0.22	b.c.	4.7
Camden Sq. (Brit. Rainfall)	70	81	70	50	49	0.22	b.c.	3.2
Hampstead (Reservoir)	*	91	66	52	42	0.20	b.c.	6.3
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.)			769 Joules.		17.6 Milliwaits.		46.5 Milliwaits.	

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.		Sun- shine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	0.70	56	46	42	b.w.m.o.	7.3
Plymouth to 9 p.m.	0.45	62	49	47	b.c.	3.1
Darwen	-	64	51	46	c.m.w.	4.7
Manchester	-	67	49		o.	3.2
Birmingham	0.02	64	49	36	f.c.	6.3
Oxford to 8 p.m.	-	67	49	46	o.o.f.	
S. Kensington (Museum Grounds to 6 p.m.)	-	67	47	38	c.b.c.m.m.c.	4.1

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

20th & 21st Sept. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 5.36 5.39	G.M.T. 11.46 11.46	G.M.T. 5.57 5.54
Greenwich	5.44 5.46	11.53 11.53	6.3 6.1
Wick	5.53 5.55	12.5 12.5	6.18 6.15
Valencia	6.24 6.27	12.34 12.34	6.45 6.42

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to above 65° in various parts of the Kingdom touching 68° at Worthing and Nottingham. Rain fell during the day or night in almost all localities; more than 0.5 in. at some Irish and Welsh stations and 0.86 in. at North Shields, where there was a thunderstorm. Several hours of bright sunshine were recorded in the east, south-east and south of England, little elsewhere. According to wireless reports a light to fresh or strong wind from the North-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.

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,  
21st September 1913.

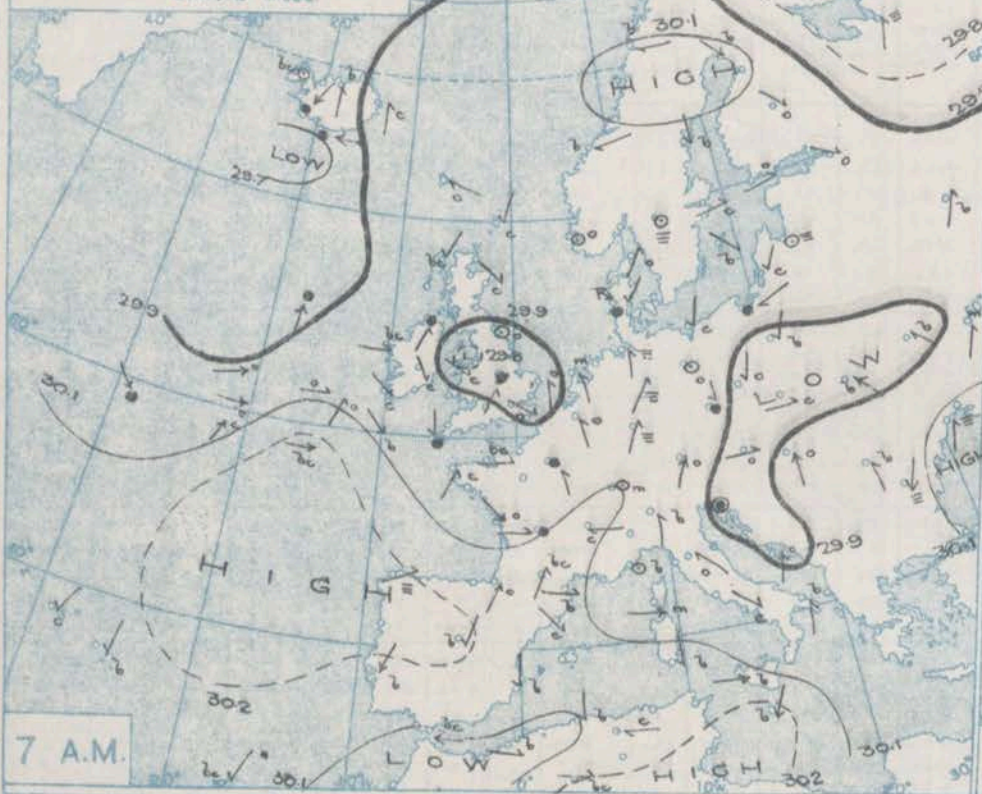
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.	
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.							
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 32° 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.					
BRITISH ISLANDS.																								
Lerwick ... ..	30.03	51	NE	3	c	30.09	+0.02	51	+1	ENE	2	c	1	0.03	54	49	cv	cnd	c					
Stornoway ... ..	30.00	55	SSW	1	o	30.07	+0.03	52	+6	SW	1	o	1	0.03	59	45	bcz	bcz	ofo	5.0				
Castlebay (Barra Isd.)	30.00	55	ESE	2	bc	30.00	+0.02	53	+1	WNW	2	ofo	1	0.03	57	50	o	o	o	0.2				
Glasgow ... ..	30.02	53	ESE	1	o	30.03	+0.05	50	-1	WSW	1	bc			55	50	o	o	o	0.0				
Malin Head... ..	30.03	54	NW	3	bc	30.11	+0.02	54	+2	NW	4	bc	3	0.01	58	?	bc	bc	bc					
Blacksod Point ...	30.02	57	SW	3	o	30.17	+0.03	50	-3	WNW	1	bc	1	0.03	62	48	bc	bc	bc					
Valencia ... ..	30.12	57	S	1	T	30.21	+0.03	50	-5	NE	2	c	3	0.16	59	48	cv	omv	cp	1.7				
IRISH ISLANDS.																								
Roche's Point ... ..	30.11	59	NNW	3	c	30.23	?	52	+1	NNW	3	bc	2	0.10	63	51	bc.c	c	o.c.c					
Birr Castle ... ..	30.07	55	W	1	c	30.18	?	51	+6	SW	1	c		0.03	62	44	c	c	cpf.	8.0				
Donaghadee ... ..	30.03	55	NNW	3	o	30.13	+0.01	49	-5	SW	2	bc	1	0.02	56	47	o	oym	bc	0.6				
Liverpool Obsy. ....	29.97	56	WNW	1	o	30.15	+0.05	55	+2	W	4	bc	3		60	53	om	bc	bc					
Holyhead ... ..	30.01	57	NNW	4	om	30.14	+0.02	54	-3	NNW	1	bc	1	Trace	61	51	o.c.p.d.m.	o.c.p.d.m.	o.c.p.d.m.	1.5				
Pembroke (St. Ann's Hd.)	30.05	57	NW	3	c	30.17	+0.02	57	+3	NW	1	cg	1	0.14	58	52	bc	cg	cg	2.7				
Newquay ... ..	30.08	57	WNW	5	c	30.20	+0.03	58	+2	NW	3	c	3		58	56	bc.c	bc.c	bc.c	5.8				
SCOTLAND.																								
Scilly (St. Mary's) ...	30.11	57	NW	5	bc	30.18	?	57	+5	NW	4	c	4	0.04	60	51	bc	bc	cmf.	9.4				
Jersey (St. Aubin) ...	30.06	59	W	3	bc	30.21	?	57	-1	WNW	3	cm	3	0.27	62	55	bc.c	bc.c	bc.c	3.1				
Portland Bill ... ..	30.00	57	WNW	5	b	30.14	+0.04	57	0	WNW	4	bc	3		62	55	bc	bc	bc.c					
Dungeness ... ..	29.95	57	W	3	bc	30.09	+0.04	53	-4	NW	2	o	2		61	48	c	c	c					
Dover ... ..	29.91	56	W	2	c	30.06	?	56	-1	NW	3	b	2	Trace	60	51	o.c.c	bc.c	bc.c	1.6				
ENGLAND.																								
Wick ... ..	30.02	52	ESE	1	c	30.10	+0.03	50	-1	SSW	1	o	2	Trace	54	44	bc	bc.c	c.c.d					
Nairn ... ..	30.02	52	E	1	o	30.09	?	46	-2		0	m	1	0.02	56	43	m.c.	o	o	0.7				
Aberdeen ... ..	30.03	53	E	1	c	30.11	+0.03	48	-1	NW	1	o	2		58	47	o.c.o	o.c.c	c.o.	3.1				
Leith ... ..	30.02	54	ENE	2	o	30.09	+0.04	52	-1	WSW	1	om		0.01	55	49	od.og	o	o					
North Shields ... ..	29.97	57	NNE	3	o	30.11	+0.02	54	-3	NNE	2	o	2	0.06	58	53	o	o	o	0.0				
Spurn Head ... ..	29.94	58	ENE	2	c	30.10	+0.05	56	-1	NE	2	f	2	0.08	61	54	o.c.c	o.c.c	c.o.f.	0.1				
IRELAND.																								
Yarmouth ... ..	29.91	59	SE	1	o	30.07	+0.04	57	-8	W	1	m	1	0.20	61	50	om.c	bc.c	omf.	0.0				
Clacton-on-Sea ... ..	29.91	57	WNW	2	o	30.08	+0.03	54	-4	WNW	2	o	0	0.08	61	53	o.c.g	o.c.g	o.c.g	0.0				
Nottingham ... ..	29.97	56	WNW	2	o	30.11	?	52	-3	E	1	om		0.06	59	51	o.c.d	o.c.d	o.c.d	0.0				
Bath ... ..	29.99	56	W	1	q	30.16	?	55	+4	W		m			62	49	b.c.c	b.c.c	b.c.c	9.6				
London (Kew Obsy.) ...	29.97	58	W	1	bc	30.13	+0.05	52	-3		0	om			62	49	o	o	o	1.7				
NORTH AMERICA.																								
Spitzbergen ... ..	29.89	32	NNW	4	o	20.01	+0.01	31	-1	NNW	2	bc		?	34	25								
Isafjord ... ..	29.69	53	SE	4	c	29.84	+0.09	48	+1	S	3	c												
Reykjavik ... ..	29.56	51	ESE	5	+	29.86	+0.05	44	-3		0	bc												
Vestmanna ... ..	29.58	47	E	8	+	29.87	+0.03	43	-4	S	1	b												
Seydisfjord ... ..	29.91	57	E	3	bc	29.94	+0.02	49	+6		0	o												
Thorshavn ... ..	30.03	48		0	m	30.06	+0.01	48	+4	SE	2	o												
SCANDINAVIA.																								
Haparanda ... ..	30.27	34	N	4	b	30.30	+0.01	31	-5		0	b			45	23								
Hernösand ... ..	30.24	45	NE	4	b	30.28	?	41	-6	NE	2	o		Trace	47	39								
Stockholm ... ..	30.05	54	N	2	o	30.09	+0.02	47	-8	NNE	6	o			61	46								
Wisby ... ..	29.99	53	NE	2	o	29.93	-0.04	57	0	ENE	4	o			59	50								
Karlstad ... ..	30.02	52		0	bc	30.17	+0.04	49	-2	E	6	c			59	46								
Færder (X'ania Fjord)	30.02	53	SSE	1	o	30.10	+0.02	54	0	E	4	o	2	1.38	55	50								
Bodö ... ..	30.23	44	NE	2	b	30.24	?	41	-3	E	2	b	1		50	37								
Christiansund ... ..	30.04	49	E	1	b	30.08	+0.02	46	-1		0	b	2		52	43								
Skudesnaes ... ..	29.99	56		0	c	30.06	+0.02	55	+1	S	2	c	2		59	52								
The Scaw (Skagen) ...	30.01	54	WNW	1	b	30.05	+0.02	56	+1	ENE	1	bc	0	0.08	59	46								
Blaavands Huk ... ..	29.99	56	ENE	1	m	30.03	+0.01	52	+1	E	1	+	1	0.79	62	50								
GERMANY, &c.																								
Cuxhaven ... ..	29.97	60	ESE	2	b	30.01	+0.02	48	0	S	1	f	0		63	46								
The Helder ... ..	29.95	55	WSW	1	o	30.05	+0.04	54	+2		0	c	0	0.91	64	50								
Brussels ... ..	29.97	55	SSW	1	+	30.07	+0.05	53	0	WSW	2	o		0.12	59	50								
Berlin ... ..	29.90	59		0	o	29.97	+0.02	54	-1	NW	1	c		0.20	63	54								
Frankfurt ... ..	29.98	57	SW	1	o	30.06	+0.03	53	+5	SW	1	+		0.08	69	48								
Munich ... ..	30.01	54	SW	1	c	30.11	+0.01	48	-3	W	3	+		0.12	61	48								
FRANCE.																								
C. Gris Nez ... ..	30.17	59	WNW	5	c	30.10	+0.04	57	+3	NW	3	o	3	0.04	61	54								
La Hève ... ..	30.03	57	WNW	4	c	30.07	?	56	-2	WNW	3	b	3		64	52								
Brest (St. Mathieu) ...	30.13	57	NE	4	b	30.26	+0.03	57	-1	WSW	2	o	3		61	57								
Lorient (Rec. Malen) ...	?	59	NNW	4	bc	?	?	57	-1	NW	4	c	3	0.24	63	52								
Rochefort (Ile d' Aix)	30.11	59	WSW	3	o	30.25	+0.04	59	0	NW	3	c			66	55								
Biarritz ... ..	30.20	61	WSW	4	c	30.26	+0.01	61	0	NNW	3	bc	2	0.24	63	57								
SPAIN, PORTUGAL, &c.																								
Paris ... ..	30.02	57	W	2	bc	30.16	+0.04	49	-3	SW	1	b		0.12	64	46								
Belfort ... ..	30.07	52	W	3	+	30.18	?	50	+3	W	2	o		0.16	64	47								
Lyons ... ..	30.11	57	WNW	1	o	30.17	?	51																



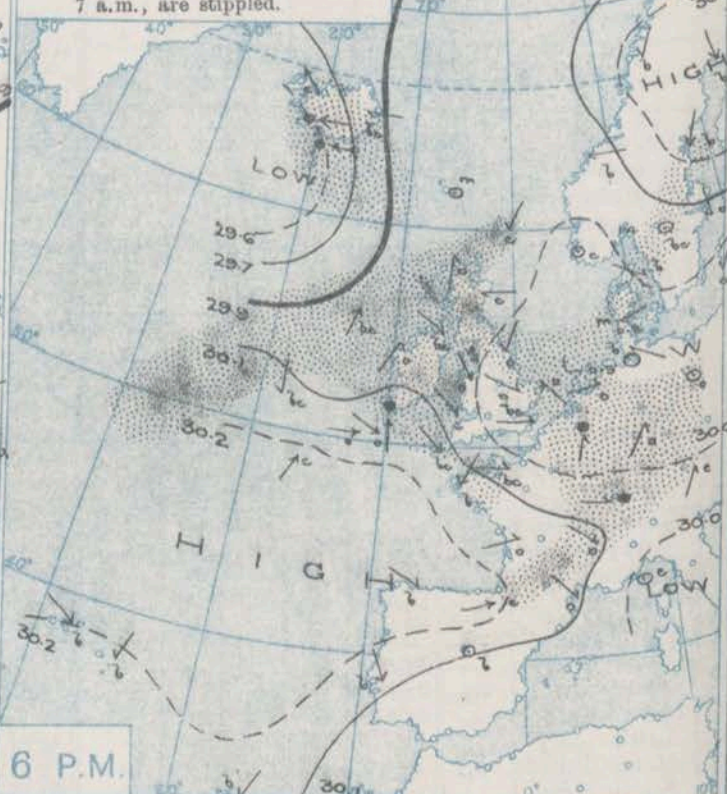
# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 20<sup>TH</sup> SEPTEMBER.

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.

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 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

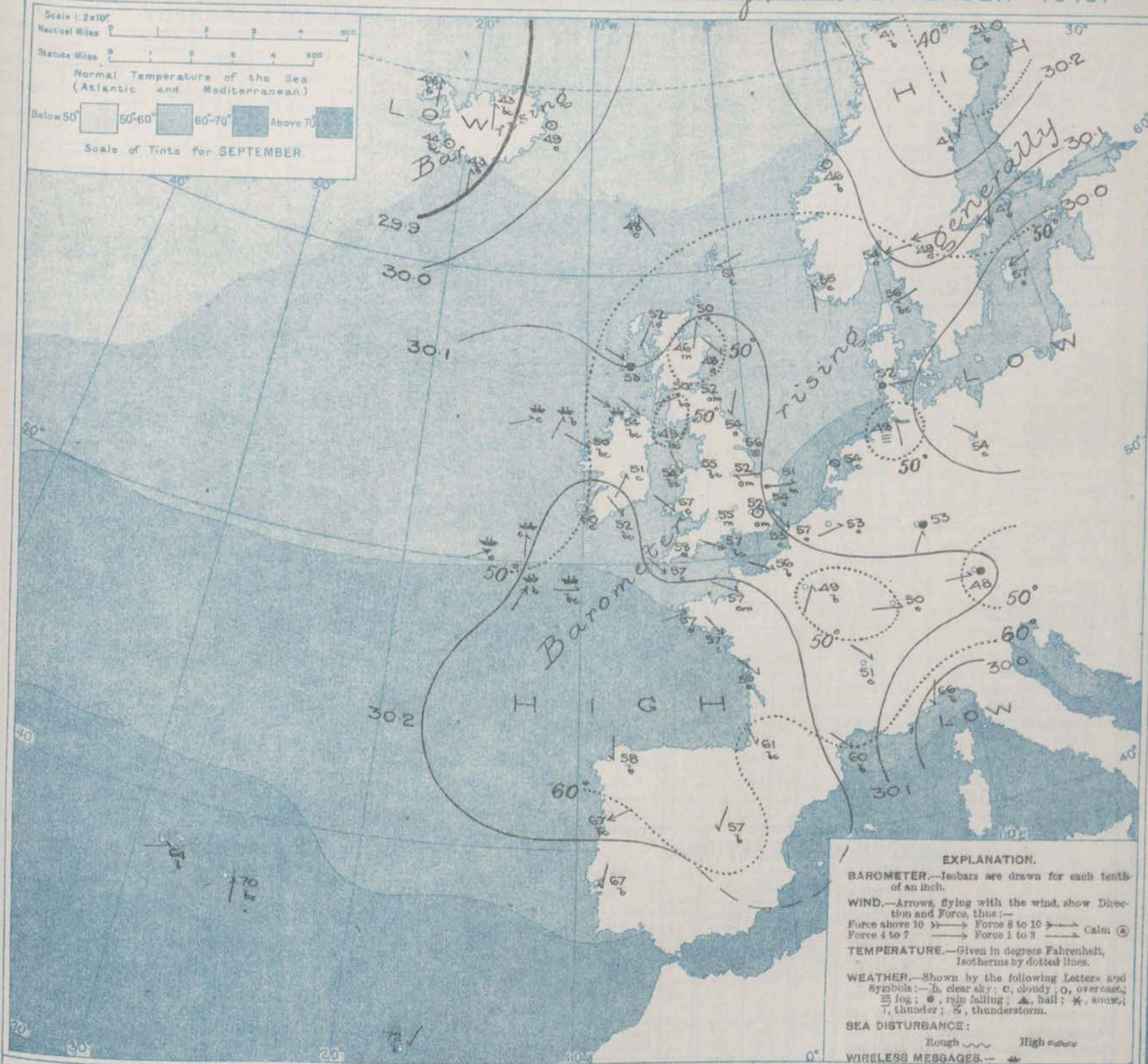
*None Issued*

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Sunday, 21<sup>st</sup> SEPTEMBER 1913.



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

A large anticyclone now extends from the Atlantic over nearly the whole of the United Kingdom, France and Spain, and another high pressure system of equal intensity lies over northern Scandinavia. A shallow depression is reported over Iceland, but the barometer is rising very generally.

The wind is light to moderate from the S.W. or N.W. over the western and southern portions of the United Kingdom, and also over France and Germany. In the north of

Scotland it is light from the S.W., and in Ireland from the S.W. Temperature has fallen in most places. Over these Islands the morning readings range from a little above 55° in the south-west of England to a trifle below 50° in the north-east of Ireland, and the eastern and central parts of Scotland. In the north of Scandinavia the readings are below 45°, and at Haparanda the thermometer is no higher than 31°. The weather is fair or fine over western Europe generally, but showers are falling at Castlebay, and steady rain at Blaavand's Hook, Frankfurt and Munich. The sea is slight or smooth generally.



## DAILY WEATHER REPORT.

Sunday, 21st September, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward H Inward H	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward H Inward H	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.	49	12	Margate	H	30.26	00	SW	(0-12)	b	20th, 6 p.m.	49	11	Philadelphia	O	30.05	+1.0	WNW	4-5	b
" "	49	10	Zeland	H	30.27	00	W	1-5	bc	" "	50	11	Manila	O	30.11	+0.3	WNW	4-5	c
" "	50	8	Canada	O	30.25	00	WNW	4-5	c	" "	49	10	Manila	O	30.28	-0.2	W	4-5	c
" "	49	6	Philadelphia	O	30.16	+0.3	NW	4-5	b	" "	49	24	Osama	O	30.03	+0.2	NW	4-5	c
20th, 6 p.m.	52	18	Osama	H	30.11	+0.04	N	1-3	bc	" "	52	21	Osama	H	29.90	+0.5	WSW	4-5	c
" "	49	16	Osama	H	30.24	+0.2	SW	4-5	c	" "	50	20	Osama	O	29.98	-0.2	W	6-7	c
" "	49	19	Osama	H	30.13	+0.2	WSW	4-5	c	" "	49	20	Osama	H	30.05	+0.2	SW	4-5	c
" "	50	13	Osama	O	29.94	+0.2	SSW	4-5	bc	" "	49	20	Osama	H	30.17	-0.2	SW	4-5	c
" "	50	12	Osama	O	30.14	00	W	4-5	c	" "	35	17	Osama	H	29.82	-0.4	SSW	6-7	c
" "	50	8	Osama	O	30.11	00	S	4-5	c	" "	49	10	Osama	H	29.22	-0.0	W	4-5	c

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

STATIONS.	Rainfall. in.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. in.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.													
Oban ...	...	...	...	...	...	...	Margate ...	0.31	59	55	gh	0	0.0
Stonehaven ...	...	...	...	...	...	...	Ramsgate ...	0.30	59	54	"	0	0.3
Carnoustie ...	...	59	48	"	"	2.0	Folkestone ...	0.08	62	54	+bc. 0.	0	1.1
St. Andrews ...	...	...	...	...	...	...	Hythe ...	...	...	...	...	...	...
England, N.E.							Littlestone ...	...	...	...	...	...	...
Harrogate ...	0.01	60	51	0.0	0	0.0	Hastings ...	0.12	62	53	0.0	b	4.2
Scarborough ...	...	...	...	...	...	...	Bexhill-on-Sea ...	0.14	64	54	0.0	bcb	5.5
England, N.W.							Eastbourne ...	0.23	63	54	0.0	bcb	5.0
Douglas ...	0.04	60	55	0	0	0.2	Seaford ...	0.39	63	55	bc	bc	5.5
Blackpool ...	...	...	...	...	...	...	Brighton ...	0.45	64	56	bc	bcb	7.2
Southport ...	0.05	60	53	0	0.0	0.6	Worthing ...	0.40	65	53	bc	bcb	7.7
Mid-lands.							Littlehampton ...	0.31	...	...	...	...	...
Buxton ...	0.22	55	50	0	0.0	0.0	Southsea ...	...	...	...	...	...	...
Leamington Spa ...	0.16	62	52	cb	cb	1.6	Ryde ...	...	...	...	...	...	...
Malvern ...	...	...	...	...	...	...	Ventnor ...	...	...	...	...	...	...
Wales.							Bournemouth ...	0.25	64	48	bcb	bc	7.4
Rhyl ...	0.03	61	53	0.0	0	0.2	Weymouth ...	0.28	66	51	bc	bc	10.8
Colwyn Bay ...	...	...	...	...	...	...	Exmouth ...	...	...	...	...	...	...
Llandudno ...	0.03	63	53	0.0	0	3.7	Teignmouth ...	...	...	...	...	...	...
Bettws-y-Coed ...	0.10	61	56	0.0	0	1.4	Torquay ...	0.02	63	49	bc	c.0	8.2
Aberystwyth ...	0.02	60	54	0.0	0.0	1.7	Paignton ...	0.04	64	48	b	bcb	8.8
Tarby ...	0.45	60	50	bcb	0.0	4.1	Falmouth ...	0.01	60	50	cb	c.0	8.4
England, E.							Bude ...	0.03	62	54	bcb	bcb	6.6
Lowestoft ...	0.03	61	56	m.0	cm.0	0.2	Ilfracombe ...	0.10	63	54	bc	c.0	4.6
Felixstowe ...	0.26	60	55	cd.0	pm.0	0.0	Weston-super-Mare ...	...	...	...	...	...	...
Walton-on-Naze ...	0.09	60	56	dq.0	0.0	0.3							
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 6 A.M. TO-DAY.																		
Greenwich (Royal Obey.) ...	%	%	F.	F.	F.	In.				Hr.	Dublin to 4 p.m.	in.	F.	F.	F.				Hr.
City (Bunhill Row) ...	62	88	61	51	46	-	0	0.10	0.00	0.7	Plymouth to 9 p.m.	0.96	58	50	50	0.0	0.0	0.0	7.4
Westminster (St. James's Pl.)	*	*	*	*	*	*	*	*	*	0.8	Darwen "	0.14	62	50	41	bc	bc	bc	0.0
Camden Sq. (Brit. Rainfall)	77	96	62	51	46	-	0.0	0	0	1.0	Manchester "	0.22	58	51	49	0.0	0.0	0.0	0.0
Hampstead (Reservoir) ...	65	89	63	50	48	-	0.0	0.00	0.00	0.8	Birmingham "	0.21	57	54	*	0.0	0.0	0.0	1.0
Kew. (See front page.)	*	89	61	50	37	-	0.0	0.0	0.0	1.4	Oxford to 8 p.m.	*	61	50	44	0	0	0.0	*
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.																			
Total.			Mean Rate.			Max. Rate.													
601 Joules.			13.2 Milliwatts.			34.5 Milliwatts.			1.1										
S. Kensington (Roof of M.O.)	69	93	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

DATE.	Sunrise.	Noon.	Sunset.
21st Sept. 1913.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5:39	11:46	5:52
Greenwich ...	5:46	11:53	6:01
Wick ...	5:55	12:05	6:15
Valencia ...	6:27	12:34	6:42

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose a trifle above 60° at many of our western and southern stations and reached 65° at Worthing; at Leith and Buxton it did not exceed 55°, and at Lerwick and Wick it only touched 54°. The amount of bright sunshine was, as a rule, small. Rain was experienced at most places situated in the western and northern districts but the quantity was nowhere large. Wireless reports show that along the Southern Atlantic routes and as far west as the 21st meridian, ships experienced light to fresh breezes from W. and S.W., and fair weather; further to the west the wind was N.W., and the weather showery. On the northern routes the wind was strong from the S and S.W., with rain in places.

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.



DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday  
22nd Sept. 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 52° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 52° 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 ... ..	30.18	52	ENE	1	c	30.21	00	46	-5	NNW	1	b	0	-	54	44	bc	ev	cbw	5.5			
Stornoway ... ..	30.18	53	WNW	3	b	30.14	-02	41	-11	NE	1	bc	1	-	59	38	abc	bc.b.	b.bog	7.0			
Castlebay (Barra Isd.)	30.18	56	WSW	1	b	30.10	-03	52	-1	E	3	c	3	-	57	47	abc	bc.b.	b.	3.9			
Glasgow ... ..	30.17	56	W	2	bc	30.17	-02	47	-3	E	1	m	*	-	62	45	bc	bc.b.	bc.b.	*			
Malin Head ... ..	30.20	54	NW	3	b	30.06	-04	48	-6	S	3	bc	2	-	57	?	bc	bc	bc	*			
Blackod Point ... ..	30.19	57	SW	3	c	29.97	-07	55	+5	S	3	r	2	0.05	60	48	bc	bc	bc	*			
Valencia ... ..	30.22	59	SSE	2	om	30.25	-06	56	+6	S	5	r	4	0.40	64	50	e	bc	bc	1.2			
Roche's Point ... ..	30.24	58	SW	2	o	30.08	*	58	+6	S	3	r	3	0.03	62	51	c.o	o	od	*			
Birr Castle ... ..	30.21	56	SW	1	c	30.06	*	54	+3	SE	1	r	*	0.06	61	50	bc	c	o.o	4.3			
Donaghadee ... ..	30.19	55	SE	1	c	30.13	-02	46	-3	SW	2	c	1	trace	58	45	cm	cm	c.cm	*			
Liverpool Obsy. ... ..	30.21	56	WNW	2	bc	30.17	-02	52	-3	S	1	o	2	-	60	51	bc	b.o	c.o	6.9			
Holyhead ... ..	30.22	57	W	1	bc	30.14	-02	54	0	SSE	2	ogm	1	-	60	53	b.com	abc.b.	c.com	3.7			
Pembroke (St. Ann's Hd.)	30.24	56	WNW	1	bc	30.17	-04	55	-2	SSW	2	cp	2	0.02	61	52	cg	bc	bc	3.2			
Newquay ... ..	30.25	57	WNW	3	b	30.16	00	56	-2	S	2	of	2	-	61	53	bu	b.b.	bc	6.5			
Scilly (St. Mary's) ... ..	30.25	59	-	0	cm	30.16	-02	58	+1	SW	2	cm	3	0.01	64	56	bom	cm	cm	4.3			
Jersey (St. Aubin) ... ..	30.27	62	W	3	cg	30.23	*	54	-3	W	1	om	1	-	65	50	b	bc	bc	8.8			
Portland Bill ... ..	30.23	60	WSW	3	cg	30.19	-01	57	0	WNW	2	c	2	-	63	55	bc	bc	bc	*			
Dungeness ... ..	30.19	60	SW	2	c	30.20	00	56	-3	NNW	2	fe	1	-	63	45	c	cp	cf	*			
Dover ... ..	30.19	57	SW	1	b	30.17	*	53	-3	-	0	m	2	0.01	65	50	b.b.c.	c.b.	bc	3.4			
Wick ... ..	30.18	53	W	1	o	30.19	00	47	-3	-	0	c	1	0.21	54	43	omd	omd	cm	*			
Nairn ... ..	30.15	55	-	0	c	30.15	*	48	+2	-	0	c	1	trace	61	45	gc	g.b.c.	m.cm	3.2			
Aberdeen ... ..	30.17	54	ESE	1	r	30.18	+01	51	+3	ESE	1	c	2	0.00	60	47	abc	bc.op	op.c	3.1			
Leith ... ..	30.12	64	W	2	bc	30.15	00	51	-1	W	1	of	*	trace	64	50	b	d.bog	bc	*			
North Shields ... ..	30.18	56	ESE	2	og	30.16	-01	51	-3	WNW	2	om	2	0.02	57	51	og	og	c.o	1.1			
Spurn Head ... ..	30.16	58	SSE	2	og	30.15	00	55	-1	WNW	2	om	2	-	63	51	bc	c.o.m	om	1.8			
Yarmouth ... ..	30.19	60	NNE	1	bc	30.16	00	49	-2	WSW	1	f	1	-	64	48	bc	bc	bc	8.0			
Clacton-on-Sea ... ..	30.17	61	NW	1	bc	30.17	-01	52	-2	WSW	1	c	0	-	65	50	abc	bc	bc	6.3			
Nottingham ... ..	30.17	61	W	2	bc	30.17	*	49	-3	W	1	om	*	-	66	48	om	m.b.	bc	2.3			
Bath ... ..	30.21	60	W	1	b	30.14	*	55	0	W	-	o	*	-	68	51	b.b.	b.b.	b.o	7.4			
London (Kew Obsy.) ... ..	30.20	59	NW	1	b.mw	30.19	00	48	-4	-	0	fu	*	trace	65	46	om.c.m	om.b.m	bc	3.2			
Spitzbergen ... ..	30.20	24	SW	2	b	30.19	00	25	-6	SW	2	bc	*	-	34	21							
Isafjord ... ..	29.96	50	E	2	bc	30.03	+01	41	-7	W	1	c	*	-	*	*							
Reykjavik ... ..	29.91	50	ESE	4	c	29.89	-01	47	+3	NE	4	o	*	-	*	*							
Vestmanna ... ..	29.95	47	SE	6	r	29.80	+01	48	+5	E	7	r	1	-	*	*							
Seydisfjord ... ..	30.01	50	-	0	c	30.07	+02	42	-7	-	0	c	*	-	*	*							
Thorshavn ... ..	30.12	50	SSE	2	r	30.18	+01	50	+2	SSE	4	o	*	-	*	*							
Haparanda ... ..	30.21	38	-	0	b	30.21	+01	30	-1	NW	2	b	*	-	45	25							
Hernösand ... ..	30.23	36	-	0	b	30.24	+01	35	-6	-	0	b	*	-	48	28							
Stockholm ... ..	30.08	42	N	4	bc	30.06	+01	44	-3	NNE	4	c	*	-	50	39							
Wisby ... ..	29.96	51	NE	6	o	29.94	+01	49	-8	NE	6	c	*	0.20	57	45							
Karlstad ... ..	30.20	43	-	0	b	30.19	00	41	-8	ENE	4	c	*	-	49	37							
Færder (X'laan Fjord)	30.15	53	NE	4	b	30.20	+01	47	-7	ENE	2	c	1	-	54	46							
Bodö ... ..	30.22	45	N	1	b	30.26	+01	39	-2	E	2	b	2	-	48	34							
Christiansund ... ..	30.16	47	W	1	b	30.23	+01	48	+2	SSW	1	f	2	0.04	52	46							
Skudesnaes ... ..	30.13	53	-	0	c	30.19	+02	51	-4	-	0	a	2	-	59	48							
The Scaw (Skagen) ... ..	30.10	54	ESE	2	bc	30.15	+02	49	-7	NE	4	c	1	-	59	46							
Blaavands Huk ... ..	30.08	55	-	0	c	30.08	+02	49	-3	NE	1	o	1	0.12	59	46							
Cuxhaven ... ..	30.06	55	-	0	o	30.06	00	56	+8	N	2	c	0	0.59	59	49							
The Helder ... ..	30.16	59	NNW	3	c	30.15	00	59	+5	NNW	1	o	1	-	63	54							
Brussels ... ..	30.19	54	-	0	r	30.19	00	53	0	SSW	2	f	*	-	63	50							
Berlin ... ..	30.03	58	NW	2	b	30.02	00	53	-1	W	3	f	*	-	64	50							
Frankfurt ... ..	30.15	57	-	0	o	30.19	+02	52	-1	SW	1	f	*	0.04	63	52							
Munich ... ..	30.17	50	WSW	2	c	30.21	+01	49	+1	SW	3	o	*	0.39	52	46							
C. Gris Nez ... ..	30.19	59	SW	2	c	30.19	-01	56	+1	SSW	3	m	2	-	64	48							
La Hève ... ..	30.23	57	W	2	m	30.23	*	54	-2	SW	3	m	2	-	61	50							
Brest (St. Mathieu) ... ..	30.30	60	NW	2	c	30.24	-02	59	+2	SSE	2	o	2	-	66	57							
Lorient (Bec Malen) ... ..	?	62	NW	4	c	?	*	55	-2	SW	2	m	*	-	64	50							
Rochefort (Ile d' Aix)	30.29	61	NW	4	bc	30.27	-01	58	-1	SE	2	o	*	-	66	55							
Biarritz ... ..	30.30	61	N	3	bc	30.27	-01	54	-7	ESE	3	b	2	-	68	52							
Paris ... ..	30.22	55	WNW	1	b	30.25	+01	53	+4	-	0	c	*	-	67	49							
Belfort ... ..	30.25	54	W	3	f	30.28	*	49	-1	-	0	o	*	-	62	47							
Lyons ... ..	30.25	55	-	0	c	30.27	*	50	-1	-	0	b	*	-	63	45							
Nice ... ..	30.29	60	-	0	b	30.08	+02	63	-3	E	1	b	2	-	64	54							
Perpignan ... ..	30.22	62	NW	4	b	30.24	+01	59	-1	W	3	b	*	-	70	54							
Sanguinaire ... ..	30.03	67	W	4	m	30.01	*	66	-	E	3	r	4	-	68	57							

GALES.  
Duration and Extreme Force  
on British Coast.

Thunderstorm in night.

\* Information for these columns not usually received.

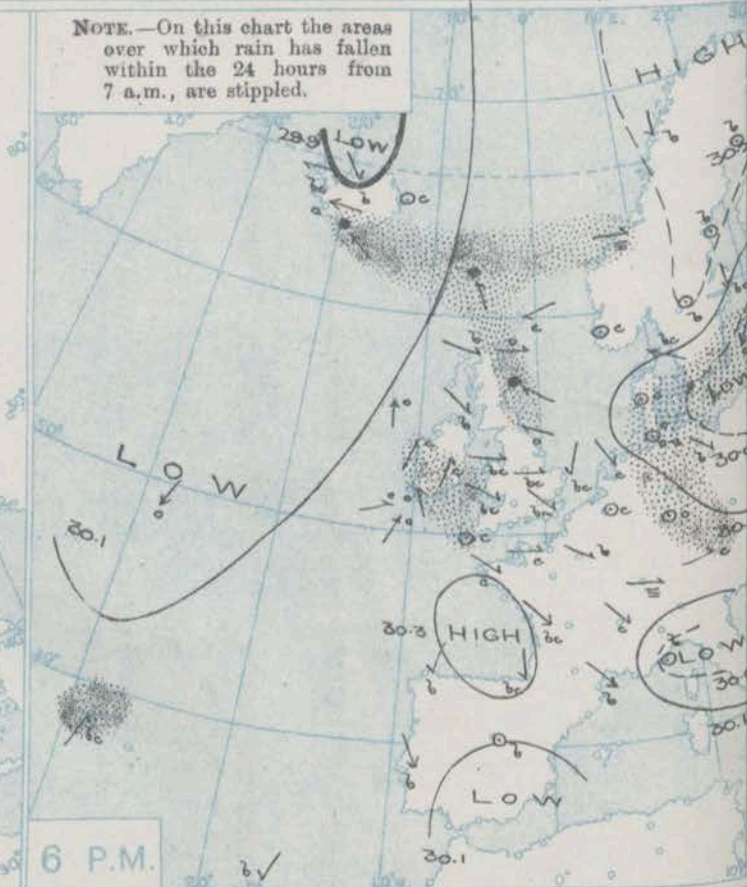
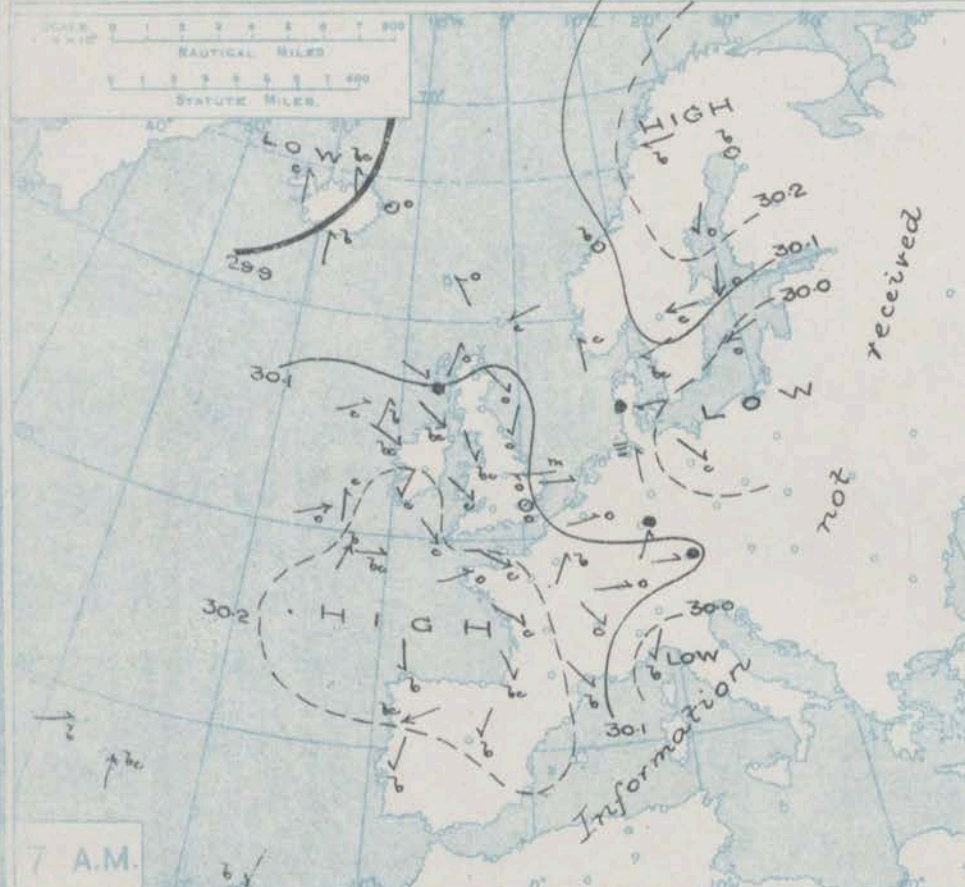
† Received too late for insertion in Charts.



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



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, apparently of a "U"-shaped character which is spreading over Ireland, is

likely to move eastwards over the whole Kingdom during the ensuing twenty-four hours.

## FORECASTS FOR THE 24 HOURS NOON

Monday

TO NOON Tuesday.

0 {  
a Wind South-easterly and  
b Southerly, light to moderate;  
cloudy or fair, then rainy;  
1 moderate temperatures.

2 {  
a Wind becoming South-  
b Westerly or Southerly, light or  
3 moderate, fair, with local mist,  
then dull with some rain;  
4 {  
a moderate temperatures.  
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 Cone.	South Cone.
North Cone.	North Cone.

South cone hoisted at 9.10 this morning in Districts 9 and 10.

6 {  
a  
b

Same as Nos. 0 and 1.

7 {  
a  
b

Southerly winds, increasing in force; much cloud, some rain and mist; little change of temperatures.

8 {  
a  
b

9 {  
a  
b

Wind Southerly, becoming strong, a gale locally, subsequently veering and decreasing; rainy to-day; changeable to-morrow; mild.

10 {  
a  
b

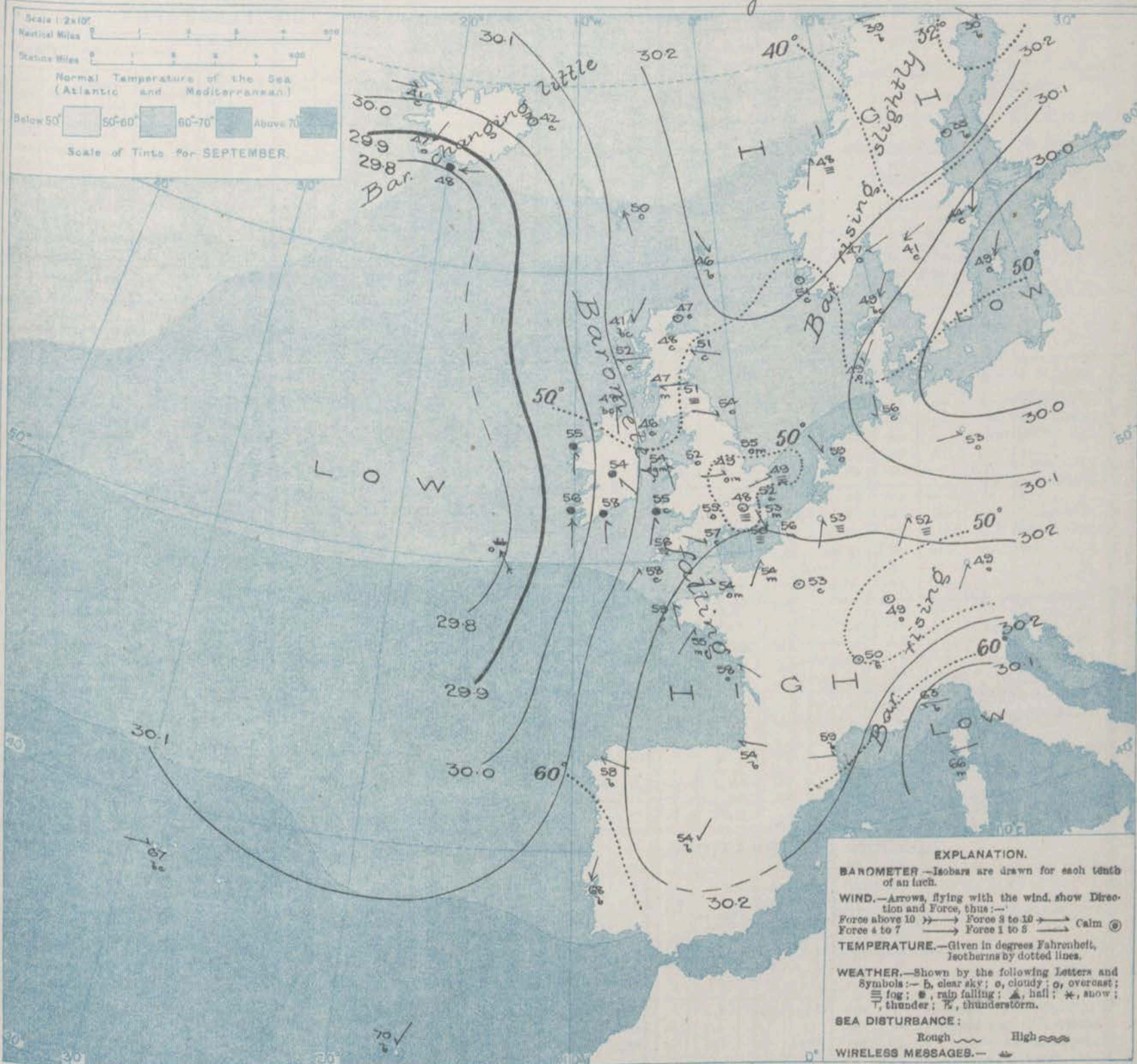
## 11 WESTERN CHANNEL AND BAY.

Southerly winds, increasing in force; much cloud, some rain with mist; sea slight to moderate or rather rough.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Monday, 22<sup>nd</sup> SEPTEMBER 1913.



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

Barometric pressure is above 30.2 in. over nearly the whole of Scandinavia, and also over France and South Germany, below 30.0 in. in a depression on the Baltic, and according to wireless reports, as low as 29.8 in. on the Atlantic about 150 miles to the south-westward of Valencia.

The wind is light from some Westerly point in most parts of Great Britain, light to moderate from the Southward in the west of these Islands, and moderate to high from the Eastward on the south of

Iceland. Temperature has undergone little change. Over the United Kingdom it ranges from 58° at Scilly and Rock's Point to 48° in London, 47° at Wick and to 41° at Stornoway. Rain is falling at several stations in Ireland and showers are reported at Pembroke. Over these Islands generally the weather is cloudy, with mist or fog in several localities. A good deal of cloud prevails on the continent, but over the southern parts of France and also in the north of Scandinavia, the weather is very fine.



## DAILY WEATHER REPORT.

Monday, 22nd September 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward H- omeward	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward H- omeward	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
22nd 7 a.m.	50	13	Minneapolis	O	29.80	-18	SSE	8-9	0.	21st 6 p.m.	51	10	Scotian	O	30.20	-0.6	?	?	0.
21st 6 p.m.	49	29	Campania	H	30.00	-02	NNE	6-7	0.	7 a.m.	50	15	Manitou	O	30.13	-02	WSW	4-5	0.
"	55	12	Canada	O	30.23	-10	S	4-5	0.	"	51	13	Oceanica	H	30.19	+02	S	1-3	0.
"	51	11	Royal Edward	O	30.18	-06	WSW	1-3	0.	"	55	11	Caledonia	O	30.14	+03	SW	1-3	0.
"	50	11	Philadelphia	O	?	?	SW	6-7	0.										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	0.02	59	47	og	dg	4.2	England, S.E.	Margate	0.09	63	54	o.c.	c.b.c.	3.8
	Stonehaven	0.02	59	47	"	"	3.9		Ramsgate	0.03	60	52	"	"	3.8
	Carnoustie	"	"	"	"	"	"		Folkestone	"	63	52	bc.o	"	2.6
	St. Andrews	"	"	"	"	"	"		Hythe	"	"	"	"	"	"
Engl. N.E.	Harrigate	0.02	65	51	c.b.c.	bc.b.c.	3.8	England, S.E.	Littlestone	"	63	48	"	"	3.2
	Scarborough	"	61	54	of	of	0.1		Hastings	"	63	48	"	bc.o	2.5
England, N.W.	Douglas	"	60	49	bc	bc	7.0		Bexhill-on-Sea	"	62	48	o.c.	bc.o	1.7
	Blackpool	0.03	62	55	c	c	8.3		Eastbourne	"	62	50	"	o.b.c.	1.0
	Southport	0.02	62	55	bc.b.c.	bc.o.c.	8.0	England, S.E.	Seaford	"	"	"	"	"	"
Mid- lands.	Buxton	0.01	61	49	bc.r	bc.	6.1		Brighton	"	66	49	o.c.b.c.	bc.c.b.c.	2.9
	Leamington Spa	"	64	50	c	c	1.2		Worthing	"	66	47	bc	bc	3.3
	Malvern	"	"	"	"	"	1.5		Littlehampton	"	"	"	"	"	2.5
Wales.	Rhyl	"	60	52	bc	bc	7.3	England, S.W.	Southsea	"	66	53	c.b.c.	c.b.	3.5
	Colwyn Bay	"	64	52	b	bc.b.	6.3		Ryde	"	65	56	bc	bc	3.5
	Llandudno	0.05	66	54	b	b	7.3		Ventnor	"	65	50	"	"	3.0
	Bettws-y-Coed	"	"	"	"	"	"		Bournemouth	"	67	47	bc	bc	4.0
England, E.	Aberystwyth	"	62	51	b	c	6.7	England, S.W.	Weymouth	"	66	54	bc.b.	b	8.5
	Lowestoft	"	"	"	"	"	"		Exmouth	"	"	"	"	"	"
	Felixstowe	0.04	66	53	bc.m	bc.cmp	6.6		Teignmouth	"	67	53	b.b.c.	bc.	6.5
	Walton-on-Naze	0.05	63	53	om.bcm	bc.m	6.4		Torquay	"	68	51	b	bc	6.3
England, E.	Southend-on-Sea	0.05	67	54	go.b.c.b.	bc	5.9	England, S.W.	Paignton	"	67	49	b	bc.	5.6
									Falmouth	"	66	52	cp	c.b.	8.2
									Bude	0.04	64	45	cp	bc	4.5
									Ilfracombe	"	61	50	b	bc.c	5.5
									Weston-super-Mare	"	64	55	b	b	9.2

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain- fall.	WEATHER.			Sun- shine for Yester- day.
	p.m. Yester- day.	a.m. To-day.	In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.	
Greenwich (Royal Obs.)	67	88	67	46	38	0.6c	bc	bcf	3.8
City (Bunhill Row)	"	"	"	"	"	"	"	"	2.3
Westminster (St. James's Pk.)	76	100	68	48	46	"	bc	bc	3.3
Camden Sq. (Brit. Rainfall)	"	100	70	47	47	c.b.c	bc	bc.m	4.4
Hampstead (Reservoir)	"	86	67	51	35	"	bc	bc.m	6.4
Kew. (See front page.)	"	"	"	"	"	"	"	"	"
VERTICAL COMPONENT OF SOLAR RADIATION FOR SQUARE CENTIMETER DURING YESTERDAY.									
Total.			Mean Rate.		Max. Rate.				
S. Kensington (Roof of M.O.)	"	91	728	Joules.	16.5	Milliwatts.	53	Milliwatts.	2.3

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	in.	60	49	45	c.or	c.b	c	Hr. *
Plymouth to 9 p.m.								
Darwen								
Manchester								
Birmingham	0.03	64	54	49	*	o.c	c	2.5
Oxford to 8 p.m.	"	65	51	45	bc.m	om.c	bc.m	*
S. Kensington (Museum Grounds to 6 p.m.)	"	67	51	44	bc.o	o.c	bc.o	*

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

22nd & 23rd Sept. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 5.40 S.41	G.M.T. 11.46 11.45	G.M.T. 5.52 5.49
Greenwich	5.47 5.48	11.53 11.52	5.59 5.56
Wick	5.57 5.59	12.3 12.4	6.12 6.9
Valencia	6.28 6.29	12.34 12.33	6.40 6.37

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 68° at Bath and Torquay and to 65° or a little higher in some other localities. Rain fell at various stations in the west and north, and the duration of bright sunshine was, over the Kingdom generally, moderate or slight. At several stations in the west and north-west, however, and also at a few in the east, the day was bright.

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

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,  
23rd September, 1913.

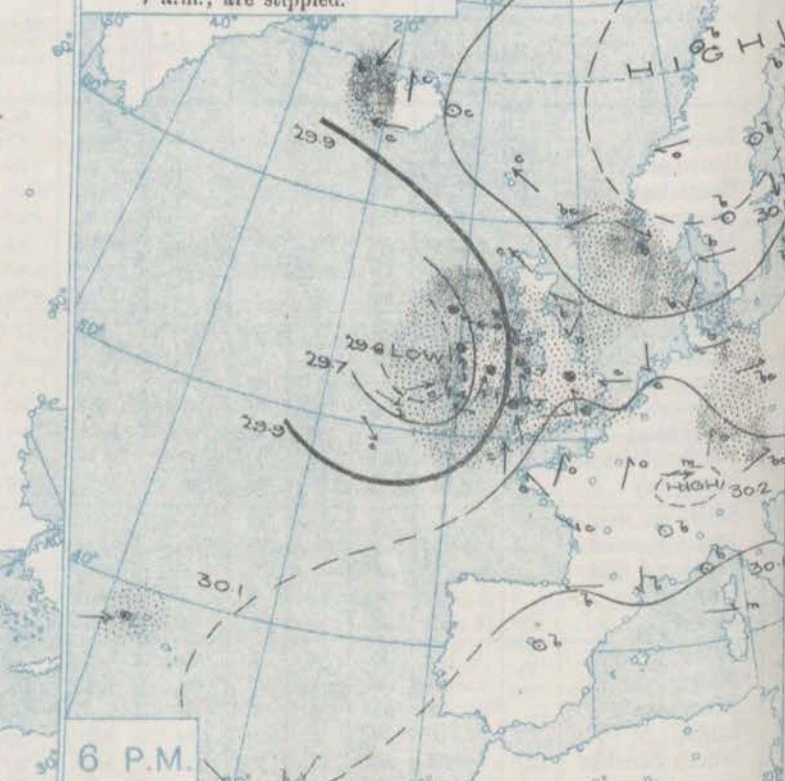
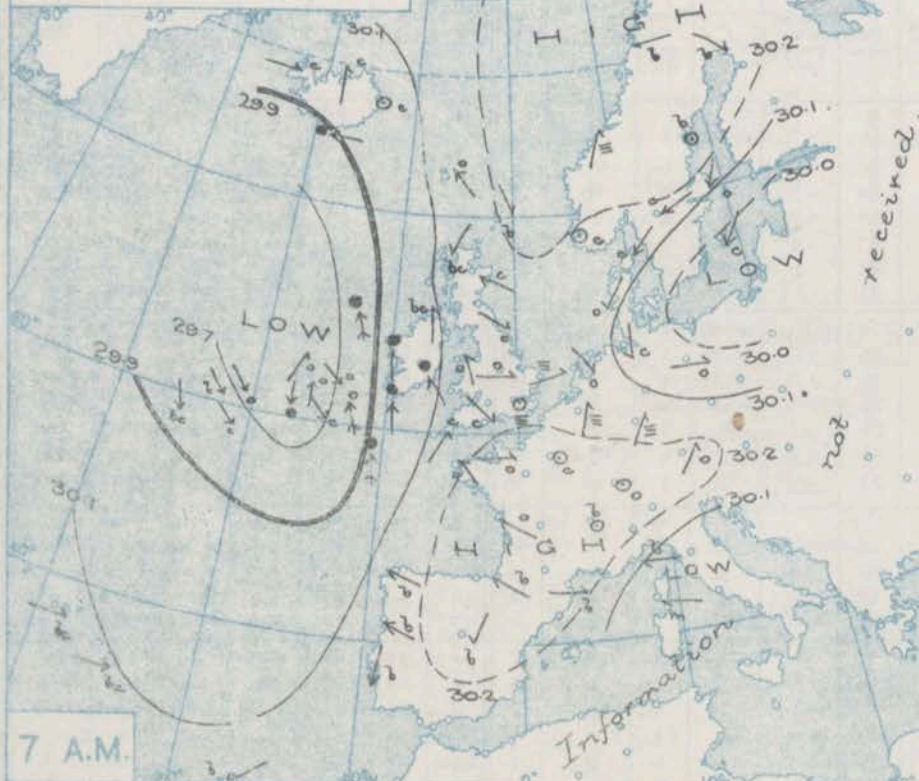
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
		BAROM.		TEMP.	WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
		At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 32° 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.			
BRITISH ISLANDS.	Lerwick ...	In. 30.18	F. 53	ENE	3	bc	In. 30.13	In. -0.3	F. 53	+7	ESE	3	bc	3	In. 0.02	F. 55	F. 46	bc m.d	dc	bc cp	Hours 6.7		
	Stornoway ...	29.99	56	SE	4	c	29.85	-0.4	54	+13	ESE	4	o	4	-	60	40	bc c	c	b.og	4.4		
	Castlebay (Barra Isd.)	29.93	55	E	5	og	29.71	-0.3	54	+2	SE	7	op	7	0.12	57	51	c.bc.o	og	g.op	3.3		
	Glasgow ...	30.03	55	E	1	r	29.89	-0.3	51	+4	E	2	r	2	0.14	59	47	b.c.c	c.o	op.d			
	Malin Head...	29.80	55	SE	8	og	29.66	0.0	57	+9	SE	7	o	6	0.23	57	48	omp	omg	og			
	Blacksod Point	29.62	56	SSE	4	r	29.67	+0.5	55	0	W	1	o	2	0.65	59	53	or	or	omr	0.0		
	Valencia ...	29.64	60	S	5	m	29.74	+0.1	53	-3	SW	2	op	4	1.35	62	53	omr	omr	omr			
	Roche's Point ...	29.78	58	S	7	rm	29.77	-	56	-2	WSW	2	o	4	1.11	62	55	mr	mr	fo.c	0.0		
	Birr Castle ...	29.77	56	SW	6	r	29.72	-	55	+1	SSW	1	c	4	0.36	59	53	or	or	ot.c	0.0		
	Donaghadee ...	29.97	55	SSE	3	rm	29.76	-0.2	57	+11	SSE	4	om	4	0.50	57	46	omr	omr	omr	0.0		
	Liverpool Obsy....	30.05	54	SSE	2	o	29.90	-0.2	53	+1	ESE	4	r	3	0.28	60	52	o	or	or	0.0		
	Holyhead ...	29.98	55	SSE	3	r	29.81	-0.2	56	+2	S	5	r	4	0.70	57	53	ogmr	ogmr	og	0.0		
	Pembroke (St. Ann's Hd.)	29.99	57	S	5	r	29.80	-0.4	57	+2	S	6	ogm	5	0.71	59	55	op	op	ot	0.0		
	Newquay ...	30.01	58	S	4	op	29.83	-0.2	58	+2	S	3	or	3	0.19	62	56	o	op o	o.ot	0.0		
	ICELAND, FAEROE, &c.	Scilly (St. Mary's) ...	29.97	59	S	5	cm	29.79	-0.3	57	-1	S	4	fr	4	0.23	60	56	cm	cm	omr	0.0	
Jersey (St. Aubin) ...		30.15	61	SSW	2	og	30.02	-	60	+6	SE	5	o	4	-	64	54	ogm	c.og	c.og	0.8		
Portland Bill ...		30.09	60	WSW	3	o	29.94	-0.4	60	+3	S	6	c	4	0.10	60	56	e	c.op	ot.c			
Dungeness ...		30.10	59	SW	3	o	30.07	0.0	59	+9	SE	2	o	2	0.05	64	48	f.o	e.o	ot.o			
Dover ...		30.07	58	SW	2	o	30.04	-	57	+4	S	1	bc	2	0.03	63	51	m.o.c	c.b.c	o.b.m	0.6		
Wick ...		30.11	53	SE	5	bc	30.00	-0.2	53	+6	SE	5	c	5	-	55	46	cm.b	bc	b.c.c	4.2		
Nairn ...		30.03	55	ESE	3	bc	29.93	-	54	+6	E	2	c	2	-	63	47	b	g.d.c	g.p			
Aberdeen ...		30.12	52	ESE	3	bc	30.02	-0.3	54	+3	SE	6	c	3	-	59	51	c.b.c	b.c.b	b.b.c	4.0		
Leith ...		30.04	57	E	2	bc	29.91	-0.3	55	+4	E	3	r	3	0.03	59	50	b.c.c	c	o			
North Shields ...		30.08	55	NE	2	o	30.00	-0.1	54	+3	ESE	3	d	3	0.03	58	51	c	o	od.	0.8		
Spurn Head ...		?	58	SSE	3	m	?	?	54	-1	SW	4	r	3	0.01	61	52	f.om	cm	odm	?		
Yarmouth ...		30.08	64	E	1	c	30.05	0.0	59	+10	W	1	bc	1	-	64	49	bc.c	cm	o.b.m	1.8		
Clacton-on-Sea ...		30.08	61	SSW	2	o	30.05	0.0	57	+5	SSE	1	o	0	0.02	62	51	cy	c.og	oglyp	2.2		
Nottingham...		30.07	57	S	1	r	30.01	-	54	+5	SE	2	o	4	0.24	62	49	o.c.	c.og	r	0.2		
Bath ...		30.10	56	S	-	r	29.98	-	58	+3	SSE	1	o	4	0.20	61	55	od	rm	tg	0.2		
London (Kew Obsy.)...	30.11	57	W	1	omr	30.05	-0.1	56	+8	SSE	1	omr	4	0.14	62	47	f.b.m	omomr	omr.d	0.8			
SCANDINAVIA.	Spitzbergen ...	30.11	25	SE	3	o	30.01	-0.2	19	-6	SE	3	bc	4	-	28	16						
	Isafjord...	30.07	49	NE	4	b	30.00	-0.3	44	+3	-	0	r	4	-	50	32						
	Reykjavik ...	30.00	54	E	1	o	30.02	-0.1	48	+1	-	0	c	4	-	50	39						
	Vestmanna ...	29.95	49	E	5	c	29.97	-0.2	46	-2	ENE	5	b	1	x	x	x						
	Seydisfjord ...	30.12	51	-	0	c	30.00	-0.4	44	+2	-	0	b	4	-	50	39						
	Thorshavn ...	30.17	53	SE	4	c	30.07	-0.3	50	0	ESE	3	bc	4	-	50	39						
	Haparanda ...	30.28	36	N	4	b	30.21	-0.4	38	+8	NE	2	b	4	-	54	27						
	Hernösand ...	30.25	39	-	0	b	30.28	0.0	38	+3	-	0	bc	4	-	52	32						
	Stockholm ...	30.13	42	N	4	b	30.19	+0.4	45	+1	N	4	b	4	-	50	39						
	Wisby ...	30.05	47	NE	2	b	30.13	+0.8	49	0	NE	4	bc	4	-	50	39						
	Karlstad ...	30.20	42	-	0	b	30.25	+0.2	40	-1	ENE	4	b	4	-	52	36						
	Færder (X'lania Fjord)	30.19	52	ENE	3	b	30.25	+0.1	47	0	NNE	4	b	1	-	52	46						
	Bodö ...	30.26	42	-	0	b	30.19	-0.1	41	+2	E	1	o	1	-	48	34						
	Christiansund ...	30.24	48	E	1	o	30.20	0.0	45	-3	-	0	o	2	-	48	45						
	Skudesnaes ..	30.17	54	NW	2	b	30.22	+0.1	51	0	SSE	4	b	2	0.08	59	50						
The Scaw (Skagen)...	30.15	52	E	3	b	30.19	+0.1	50	+1	ENE	4	c	1	-	52	46							
Blaavands Huk ...	30.14	43	NE	1	b	30.15	+0.1	43	-6	ENE	2	b	2	0.12	52	39							
GERMANY, &c.	Cuxhaven ...	30.05	54	E	2	b	30.10	+0.1	51	-5	E	2	b	0	-	59	50						
	The Helder ...	30.12	58	N	1	o	30.10	+0.1	53	-6	SSW	1	b	0	-	61	46						
	Brussels ...	30.12	56	W	2	r	30.09	0.0	54	+1	SW	1	f	4	0.08	62	51						
	Berlin ...	30.02	55	W	2	bc	30.05	+0.2	49	-4	N	1	b	4	0.07	59	46						
	Frankfurt ...	30.10	59	SW	1	o	30.12	+0.2	53	+1	SW	1	f	4	0.03	63	52						
	Munich ...	30.17	52	WSW	3	bc	30.10	-0.1	51	-2	SW	4	o	4	0.12	55	46						
	C. Gris Nez...	30.11	59	SW	4	o	30.08	0.0	58	-1	SSE	2	o	1	0.04	63	54						
	La Hève ...	30.17	58	WSW	4	o	30.02	-	56	+2	ESE	3	b	2	-	64	50						
	Brest (St. Mathieu) ...	30.10	61	SE	3	c	29.93	-0.2	60	+1	SSE	4	o	4	-	66	59						
	Lorient (Rec. Melon)...	30.08	60	SSE	1	o	29.96	-	61	+6	S	4	o	2	-	66	55						
	Rochefort (lie d'Aix) ...	30.17	62	NW	2	c	30.05	-0.2	54	-4	SSE	3	b	4	-	72	54						
	Biarritz ...	30.10	66	E	2	b	30.01	-0.1	62	+8	S	1	b	1	-	70	54						
	FRANCE.	Paris ...	30.17	56	SSW	2	b	30.11	-0.1	50	+1	-	0	c	4	-	63	52					
		Belfort ...	30.21	54	W	4	m	30.19	-	46	-3	W	2	f	4	-	63	43					
		Lyons ...	30.16	56																			



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



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 in the west will continue to cause dull weather, with rain at times, over the

Kingdom generally, during the ensuing twenty-four hours.

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

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

Wind mainly South-easterly, moderate to fresh or strong; dull generally, rain at times; some mist; mild.

Wind mainly from the Southward, light or moderate, fresh locally; much cloud, occasional rain, air misty; mild, equable 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. ⚡

South Coast hoisted at 9.15 on yesterday in Districts 9 and 10.

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

Same as Nos. 0 and 1.

Wind mainly Southerly, moderate to fresh or strong; much cloud, rainy and misty, improving later; mild.

Same as Nos. 0 and 1.

South-westerly and westerly winds, light to fresh; changeable, some rain and mist; mild.

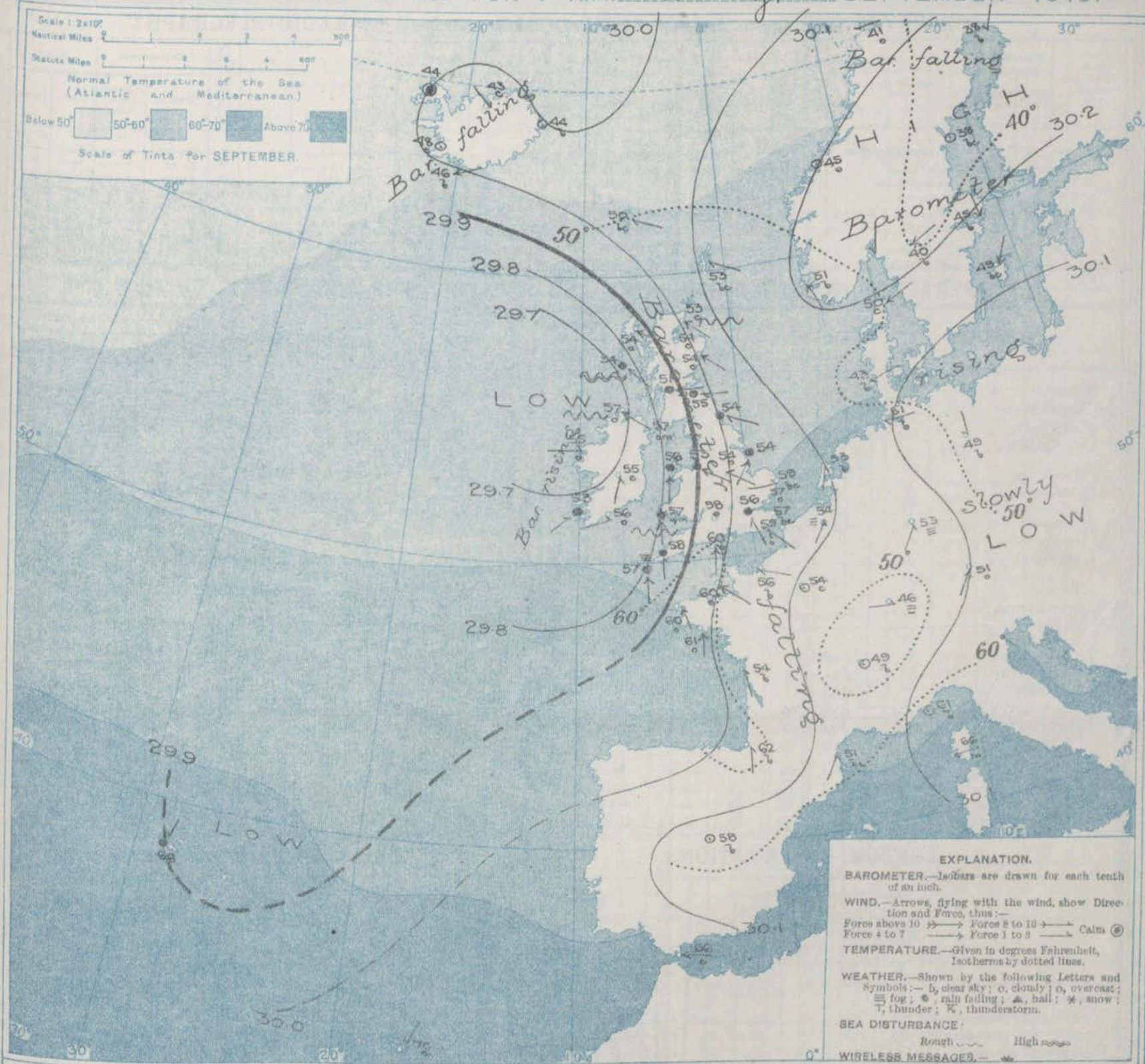
### 11 WESTERN CHANNEL AND BAY.

Southerly winds, light to fresh or strong; dull, with some rain and mist, fairer to morrow; sea moderate or slight.

## THE FURTHER OUTLOOK.



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



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

Pressure is below 29.7 in. in a depression extending over the north-west of Ireland from the Atlantic, above 30.2 in. over the greater part of Scandinavia, and relatively high thence to the south of France. Over the Azores region it has fallen, and is now no higher than 29.9 in.

The wind over the United Kingdom is mainly Southerly to South-Easterly. It blows a moderate to strong breeze on our west and south-west coasts, and on the east coast of Scotland, and a high wind at Malin Head.

best day. On the south and west coasts of Ireland, where it has veered to the South-West or West, it is light. Temperature has risen in most regions. Over these Islands it ranges from 60° at Jersey and Portland Bill to 53° at Wick and Kilmuckree, and 51° at Glasgow. Rain is falling over a large portion of the United Kingdom, and mist or fog prevails in several localities. On the Continental part of our area the weather is mostly fair.



Tuesday, 23<sup>rd</sup> September 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.	Dirac.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirac.	Force.	
22nd 6 p.m.	50	16	Minneapolis	O	29.72	+0.2	WNW	6-7	C	22nd 7 a.m.	50	21	Laconia	H	29.68	-0.3	NW	4-5	O
"	49	16	Laplund	O	29.80	+0.6	NW	6-7	C	"	50	21	Campania	H	30.01	+0.4	NW	6-7	O
"	51	15	Campania	H	?	-0.1	WNW	4-5	b.	"	49	21	Manitou	O	29.72	+1.0	NW	6-7	O
"	51	15	Laconia	H	29.72	-0.1	WNW	4-5	b.	"	52	17	Royal Edward	O	29.70	-1.2	SW	1-3	O
"	55	10	Mongolian	H	29.64	-0.2	ESE	8-9	T.	"	50	17	Philadelphia	O	29.68	-0.3	N	6-7	O
"	51	14	Sicilian	H	29.57	-0.1	WNW	4-5	O	"	51	16	Sicilian	H	29.66	-0.5	S	4-5	O
" 7 p.m.	49	25	Merion	H	29.79	+0.1	NW	4-5	b.	"	55	13	Mongolian	H	29.73	-0.3	SSE	8-9	T.
" 7 a.m.	52	21	Scotian	O	29.71	+0.6	NW	4-5	b.	"	52	12	Scotian	H	?	?	WSW	4-5	O

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY, OCTOBER 6, 1901.																	
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.	England, S.E.	{ Margate ... ..		In.	F.	F.		Hr.		
	{ Stonehaven ... ..			58	49	cg	cn		3.8	{ Ramsgate ... ..			64	50			
	{ Carnoustie ... ..	0.07		55	48				0.0	{ Folkestone ... ..			64	50			
	{ St. Andrews ... ..	0.08		62	51	o	o		0.0	{ Hythe ... ..			62	52	g.bc	b.bc.o.	
Eng. N.E.	{ Harrogate ... ..			60	46	bc	c.bc.c.o.	2.4	England, S.W.	{ Littlestone ... ..						1.6	
	{ Scarborough ... ..			59	50	o	o	1.3		{ Hastings ... ..			64	52	o.bc	b.bc.o.	2.1
England, N.W.	{ Douglas ... ..	0.10		57	50	o	od.	0.0		{ Bexhill-on-Sea ... ..	Trace		63	53	o.c	or.	1.2
	{ Blackpool ... ..			60	50	o	o	0.0		{ Eastbourne ... ..			64	47	o.bc	bc.o.	2.1
	{ Southport ... ..			61	48	o.c	c.bc.o.	0.0		{ Seaford ... ..			63	48	c	o	2.9
Mid- lands.	{ Buxton ... ..			57	47	bc	bc.c.	0.0		{ Brighton ... ..			64	48	c.bc.c	c.o.	1.7
	{ Leamington Spa ... ..	0.01		60	45	o	o.	0.0		{ Worthing ... ..			64	49	c.bc.	c.o.	1.0
	{ Malvern ... ..							0.0.		{ Littlehampton ... ..							0.2
Wales.	{ Rhyl ... ..	0.03		60	46	of	o.bc.	0.0		{ Southsea ... ..	0.02		62	49	o.c.b	o.or	0.5
	{ Colwyn Bay ... ..	0.04		59	52	o	o.	0.0		{ Ryde ... ..	0.02		61	55	o	o.or	
	{ Llandudno ... ..	0.03		61	51	o	or	0.0	{ Ventnor ... ..							0.0	
	{ Bettws-y-Coed ... ..	0.08		58	55	o	o	0.0	{ Bournemouth ... ..	0.10		60	48	or	or	0.0	
	{ Aberystwyth ... ..	0.25		58	52	or	c.or.	0.0	{ Weymouth ... ..	0.07		61	52	c.o	op	0.0	
England, E.	{ Tenby ... ..	0.12		63	43	or	T.o	0.0	{ Exmouth ... ..	0.04		65	49	bc.b	c.dr.	0.0	
	{ Lowestoft ... ..			63	48	m.bc	bc.c.	2.1	{ Teignmouth ... ..	0.01		61	49	c.or	or.	0.0	
	{ Felixstowe ... ..			64	50	cm.o	bc.m.o.	1.8	{ Torquay ... ..	0.01		60	48	o	o	0.0	
	{ Walton-on-Naze ... ..	0.04		62	50	cm	+cm	1.5	{ Paignton ... ..	0.01		61	47	c.od	od	0.0	
	{ Southend-on-Sea ... ..			67	50	cg.bz	bc.b.o.	1.4	{ Falmouth ... ..	0.01		61	37	o	od	0.0	
								England, S.W.	{ Bude ... ..			64	45	o	o.op	0.0	
									{ Ilfracombe ... ..	0.05		61	52	or	+o.	0.0	
									{ Weston-super-Mare ... ..	0.10		59	52	col	+	0.0	

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.) ...	69	96	66	52	51	0.12	c	c.o	or.	3.0	Dublin to 4 p.m.	0.41	58	60	48	c.c	org	or	0.0		
City (Bunhill Row) ...	"	"	"	"	"	"	"	"	"	0.0	Plymouth to 9 p.m.	0.03	60	48	41	c.7	og	"	0.0		
Westminster (St. James's Pk.)	73	92	64	54	54	0.18	bc	bc	+or.	1.1	Darwen "	"	58	46	41	bc.ow	org	bc.ow	1.0		
Camden Sq. (Brit. Rainfall)	71	96	66	53	52	0.17	cm.c	o	or	1.1	Manchester "	0.01	61	51	"	c	bc	c.sp	0.0		
Hampstead (Reservoir) ...	"	97	62	52	45	0.19	c.or	om	om.	0.9	Birmingham "	0.06	58	50	40	o	o	o.or	0.0		
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.												60	48	43	bm.ogf	off.c.o	or.	
			Total.		Mean Rate.		Max. Rate.														
S. Kensington (Roof of M.O.)	80	95	726 Joules.		16.5 Milliwatts.		42.5 Milliwatts.		0.7		S. Kensington (Museum Grounds to 6 p.m.)	0.01	64	49	41	bc.ow	o	o.or.	"		

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.	
Wednesday, Sept. 1913.					
	Sunrise.	Noon.	Sunset.		
	G.M.T.	G.M.T.	G.M.T.		
Yarmouth ... ..	5.41 5.43	11.45 11.45	5.47 5.47	Temperature rose to 65° in a few parts of England, but generally the maxima were below that figure. Rain has fallen in most parts of the country, except in the west of Scotland, more than 1 inch in the south-west of Ireland, 0.7 in at Holyhead and Pembroke, 0.5 in at Donaghadee. Scarcely any bright sunshine was recorded yesterday except at Castlebay, Naírim, Stonehaven and Aberdeen, where the figure was about 4 hours, and Stromness where it was 6.7 hours. A cold breeze from the S.W. was experienced at night on the north coast of the	
Greenwich ... ..	5.48 5.50	11.52 11.52	5.56 5.54		
Wick ... ..	5.59 6.1	12.4 12.4	6.9 6.6		
Valencia ... ..	6.29 6.31	12.33 12.33	6.37 6.35		

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.



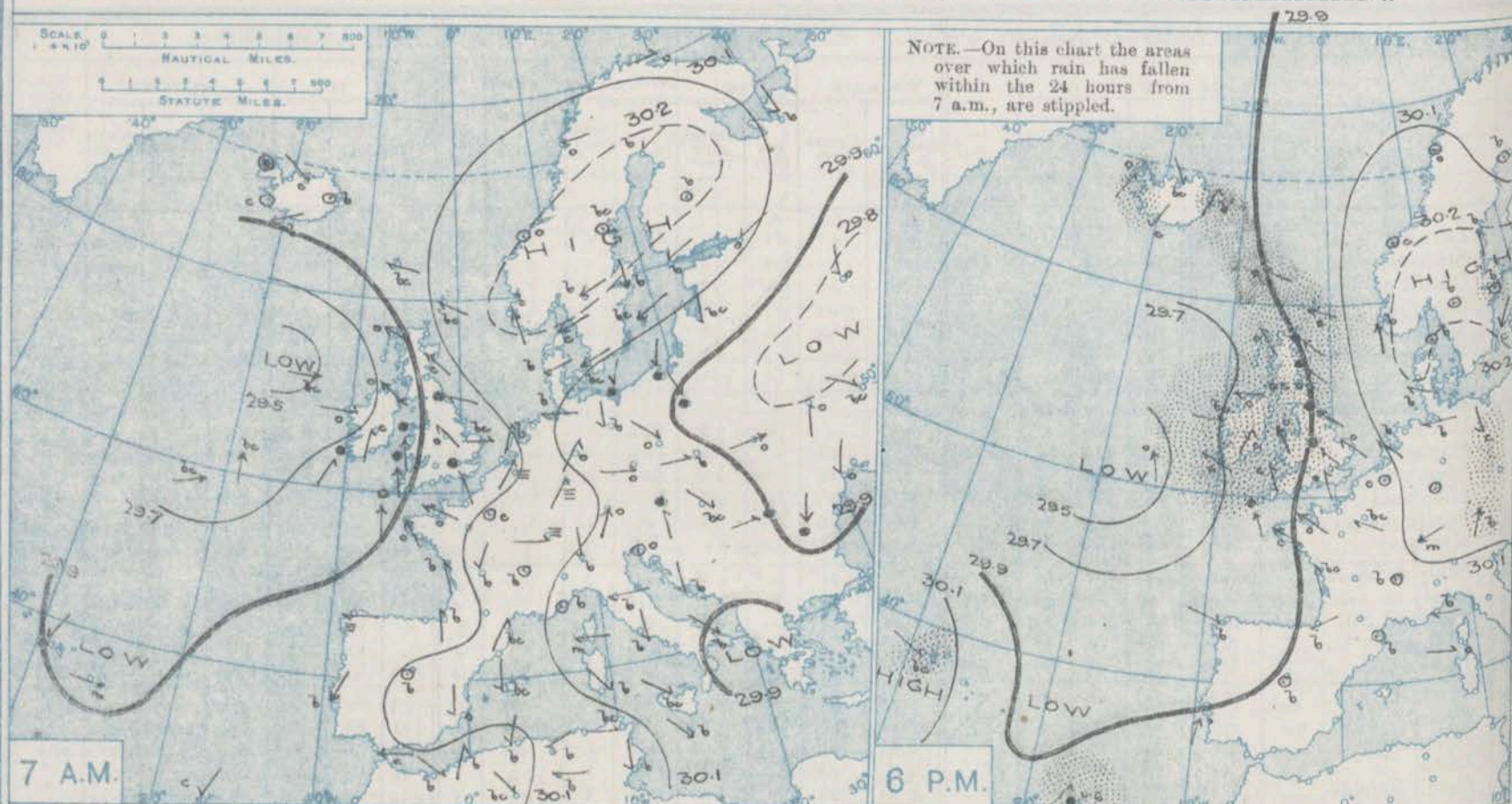
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday.  
21st September 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.				
BRITISH ISLANDS.	Lerwick ... ..	In. 30.02	F. 54	ESE	4	c	In. 29.86	In. -0.3	F. 55	+2	SSE	6	r	5	In. 0.10	F. 56	F. 51	bc	bc c	cmg	Hours 0.0		
	Stornoway ... ..	29.76	56	SE	3	o	29.72	-0.2	53	-1	SE	1	r	1	0.13	57	51	opq	u	opq	0.0		
	Castlebay (Barra Isd.)	29.72	54	-	0	o	29.61	-0.5	56	+2	ESE	4	r	4	0.04	56	52	op	op	pcst	0.0		
	Glasgow ... ..	29.80	54	ESE	3	o	29.76	-0.1	57	+6	SE	2	bc	8	0.51	57	51	r	r	pc c	0.0		
	Malin Head ... ..	29.72	54	E	2	c	29.47	-1.2	56	-1	S	6	cmg	4	0.02	58	43	og	cp	cmg	0.0		
	Blackod Point ... ..	29.70	54	WNW	1	bc	29.32	-0.5	58	+3	SSE	6	o	4	0.27	59	46	om	bc	cmg	0.0		
	Valencia ... ..	29.65	58	ESE	2	c	29.36	+0.8	59	+6	S	6	c	5	0.31	62	52	co	co	cmg	3.0		
	Roche's Point ... ..	29.73	57	S	2	c	29.44	-	61	+5	S	7	o	6	0.10	61	55	o.c	eg	cmg	0.0		
	Birr Castle ... ..	29.71	59	SW	1	c	29.47	-	58	+3	ESE	6	c	4	-	63	54	c	c	c	1.6		
	Donaghadee ... ..	29.74	56	SSE	2	o	29.68	-0.2	57	0	SSE	2	c	3	0.19	58	55	om	omg	offom	0.0		
	Liverpool Obsy. ... ..	29.72	57	ESE	4	r	29.81	-0.2	55	+2	ESE	4	c	3	0.34	59	53	ot	ot	o.c	0.0		
	Holyhead ... ..	29.73	58	SSE	4	om	29.70	-0.1	61	+5	SSE	3	bc	3	0.26	61	55	otm	otm	o.c	0.0		
	Pembroke (St. Ann's Hd.)	29.79	57	SSE	2	c	29.68	-0.4	59	+2	SE	6	bc	5	0.46	60	56	ogm	eg	ogm	0.2		
	Newquay ... ..	29.74	59	SSE	3	op	29.70	+0.3	60	+2	SE	5	b	4	0.03	60	57	op	op	bc b.	0.0		
	Scilly (St. Mary's) ... ..	29.74	58	SSE	4	fr	29.64	+0.1	60	+3	SSE	5	bcm	4	0.19	60	56	fr	omg	bcm	0.0		
	Jersey (St. Aubin) ... ..	29.93	64	SE	4	c	29.89	-	61	+1	ESE	4	bm	4	-	66	59	c.b.	c.o.c.	bc	3.8		
	Portland Bill ... ..	29.89	63	SSE	5	c	29.86	+0.1	61	+1	SE	5	b	5	-	63	60	c	o.c	c.b.	0.0		
	Dungeness ... ..	29.91	62	SE	3	o	29.98	+0.1	60	+1	ESE	4	c	4	-	62	58	c.o	c.o	o.c	0.0		
	Dover ... ..	29.99	60	SE	2	o	29.98	-	59	+2	S	4	b	4	0.02	60	57	c.o.c.	o	o.c	0.0		
ICELAND, FAEROE, &c.	Wick ... ..	29.89	53	SE	7	r	29.78	-0.2	54	+1	SE	4	om	5	0.07	54	52	cmg	om	cmg	0.0		
	Nairn ... ..	29.82	54	-	0	r	29.74	-	56	+2	SE	1	c	1	0.22	59	53	pc	g.p.	g.c	0.0		
	Aberdeen ... ..	29.91	54	SE	4	r	29.83	0.0	55	+1	SSE	3	o	3	0.15	56	53	otq	otq	ot	0.0		
	Leith ... ..	29.91	55	ESE	2	r	29.78	0.0	58	+3	ESE	1	og	3	0.52	59	54	r	r	o.c	0.0		
	North Shields ... ..	29.89	56	SE	4	r	29.88	+0.2	58	+4	ESE	3	o	3	0.10	58	54	r	r	o.c	0.0		
	Spurn Head ... ..	29.48	59	SE	5	c	29.96	0.0	59	+5	SSE	5	c	5	0.09	61	52	cp	ot	cp	0.0		
	Yarmouth ... ..	30.03	60	SE	3	o	30.01	0.0	60	+1	SSE	3	bc	3	-	61	49	o.c	om	o.c	0.0		
	Clacton-on-Sea ... ..	30.00	61	SE	3	o	29.99	0.0	61	+4	SE	4	c	3	0.10	61	56	og	og	o.c	0.0		
	Nottingham ... ..	29.92	60	SE	3	r	29.92	-	54	0	SE	3	c	3	0.10	61	53	op	ot	r	0.0		
	Bath ... ..	29.90	61	SSE	2	r	29.89	-	55	-3	ESE	1	b	3	0.01	65	52	go	gt	o.c	0.2		
SCANDINAVIA.	London (Kew Obsy.) ... ..	29.98	60	SSE	2	o	29.96	+0.1	56	0	SSE	2	bm	3	0.05	64	55	om	o	o.c	0.1		
	Spitzbergen ... ..	29.99	25	-	0	S	30.10	-0.2	27	+8	-	0	o	0	-	27	18	-	-	-	0.0		
	Isafjord ... ..	29.80	50	SW	2	o	29.36	-0.8	46	+2	SW	4	o	0	-	-	-	-	-	-	0.0		
	Reykjavik ... ..	29.86	49	N	2	o	29.44	-1.0	46	-2	E	1	o	0	-	-	-	-	-	-	0.0		
	Vestmanna ... ..	29.81	48	NE	1	c	29.46	-0.5	46	0	E	1	o	0	-	-	-	-	-	-	0.0		
	Seydisfjord ... ..	29.85	55	SW	3	b	29.49	-1.0	47	+3	-	0	r	0	-	-	-	-	-	-	0.0		
	Thorshavn ... ..	29.90	51	ESE	6	o	29.68	-0.3	50	0	-	0	r	0	-	-	-	-	-	-	0.0		
	Haparanda ... ..	30.05	42	-	0	b	30.21	+0.8	37	-1	N	2	b	0	-	50	30	-	-	-	0.0		
	Hernösand ... ..	30.20	46	S	2	b	30.25	+0.3	40	+2	-	0	o	0	-	52	34	-	-	-	0.0		
	Stockholm ... ..	30.26	44	-	0	b	30.32	+0.3	45	0	-	0	o	0	-	52	37	-	-	-	0.0		
GERMANY, &c.	Wisby ... ..	30.24	46	NE	4	c	30.32	+0.4	48	-1	ESE	2	o	0	-	54	45	-	-	-	0.0		
	Karlstad ... ..	30.26	42	-	0	b	30.31	+0.2	37	-3	-	0	f	0	-	54	34	-	-	-	0.0		
	Færder (X'lania Fjord)	30.24	53	NNE	1	b	30.29	+0.3	50	+3	NE	2	c	1	-	54	46	-	-	-	0.0		
	Bodö ... ..	30.17	45	-	0	o	30.27	+0.2	44	+3	ESE	2	bc	2	-	46	39	-	-	-	0.0		
	Christiansund ... ..	30.19	51	-	0	c	30.17	0.0	47	+2	SE	1	b	2	-	50	45	-	-	-	0.0		
	Skudesnaes ... ..	30.19	53	S	4	b	30.22	+0.1	53	+2	SE	6	c	3	-	54	50	-	-	-	0.0		
	The Scaw (Skagen) ... ..	30.20	46	-	0	b	30.28	+0.3	51	+1	-	0	b	0	-	59	41	-	-	-	0.0		
	Hlaavands Huk ... ..	30.20	46	SE	1	b	30.23	+0.2	46	+3	SE	1	b	0	-	59	39	-	-	-	0.0		
	Cuxhaven ... ..	30.15	56	E	3</																		



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



GENERAL INFERENCE

## WEATHER PROSPECTS.

The changes in pressure seem to indicate that no great modification will occur in the

main wind current over the United Kingdom during the ensuing twenty-four hours.

### FORECASTS FOR THE 24 HOURS NOON Wednesday

### TO NOON Thursday

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

Wind Southerly or South-Easterly; fresh or strong at times locally; cloudy, some showers; mild.

Wind between South and South-East, light or moderate, fresh at times locally; mostly fair; temperature rather high.

#### 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.

South Cone hoisted at 235 p. yesterday in Districts 0 and 1.

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

Same as Nos. 0 and 1.

Southerly and South-Easterly winds, moderate or fresh, strong at times; changeable, some showers, mostly fair; temperature rather high.

Southerly and South-Easterly winds, moderate to fresh or strong; mostly cloudy or overcast, some rain; rather warm.

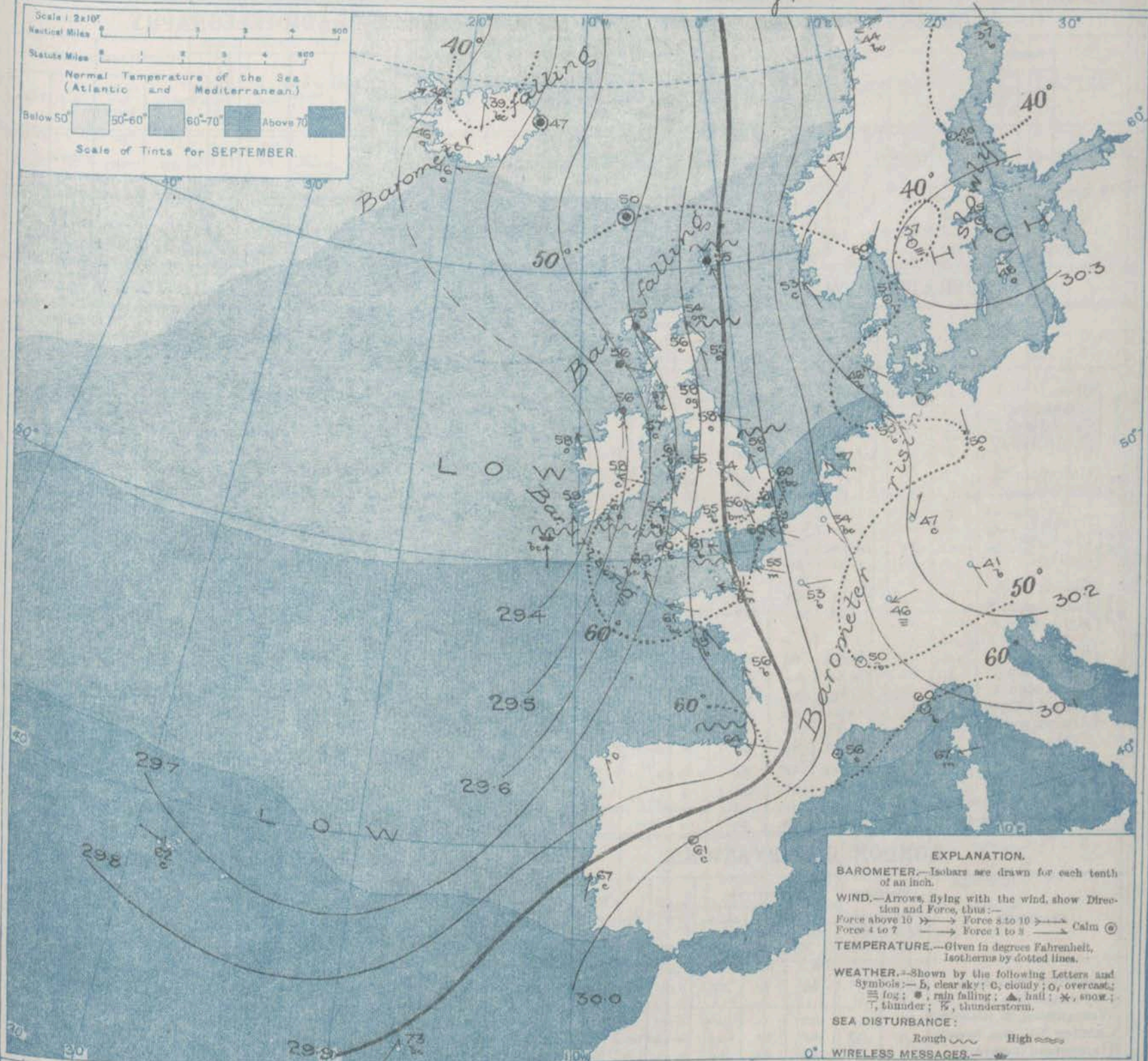
### 11 WESTERN CHANNEL AND BAY.

South-Easterly and Southerly winds, moderate to fresh or strong; sea moderate; some showers and mist, but mostly fair.

#### THE FURTHER OUTLOOK.



SYNOPTIC CHART FOR 7 A.M. Wednesday, 24<sup>th</sup> SEPTEMBER 1913



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

The barometer is above 30.3 in. over the south of Sweden, below 29.4 in. in the west of Ireland, and over the adjacent portion of the Atlantic, as well as in the north-west of Iceland, and no higher than 29.72 in. at Horta.

A Southerly to South-easterly wind prevails throughout the British Isles and their immediate neighbourhood, its force being light or moderate in the east and south-east, and fresh to strong or high on many parts of our

western coasts, and in Shetland. Temperature has risen in almost all places. Over the United Kingdom it ranges from about  $60^{\circ}$  at many places in the south-west, south and south-east, to  $54^{\circ}$  at Nottingham, and to  $53^{\circ}$  at Stornoway. Fair weather is reported over the greater part of England and the continent, but a good deal of cloud prevails in Ireland and Scotland, with rain in the Hebrides and Shetland.



## DAILY WEATHER REPORT.

Thursday 24th September 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.	51	11	Merion	H	?	+0.03	S	6-7	bc.	23rd 7 a.m.	50	18	Merion	H	29.55	-0.07	S	4-5	bc.
23rd 6 p.m.	51	14	do	H	29.46	00	SSE	6-7	o.	"	56	13	Tunisian	H	29.50	-0.08	W	4-5	bc.
" 7 a.m.	49	21	Lapland	O	29.53	-0.08	WSW	4-5	bc.										
" " 49	21	Minneapolis	O	?	?	?	SW	6-7	c										

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

STATIONS.		Rainfall.	TEMPERATURE.			WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.			WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.	Forenoon.					Afternoon.					
Scotland.	Oban	0.02	58	54	c.og	o.	0.0	England, S.E.	Margate	0.05	62	53	of	of	0.0		
	Stonehaven	0.12	55	52	og	or.	0.0		Ramsgate	0.03	61	52	"	"	0.0		
	Carnoustie	0.21	55	53	"	"	0.0		Folkestone	0.03	61	53	gr	gr.0	0.0		
	St. Andrews	0.15	61	52	of	of	0.0		Hythe	"	"	"	"	"	0.0		
England, N.E.	Harrogate	0.17	57	50	of	or.	0.0	Littlestone	"	"	"	"	"	0.0			
	Scarborough	"	57	51	or	or	0.0	Hastings	0.05	62	54	of	o	0.0			
England, N.W.	Douglas	"	"	"	"	"	"	England, S.E.	Bexhill-on-Sea	0.03	62	55	o	o	0.0		
	Blackpool	0.24	59	53	or	or.	0.0		Eastbourne	0.07	63	54	o.c	bc.0	0.0		
	Southport	0.26	58	53	or	or.	0.0		Seaford	0.05	63	53	o	o	0.0		
Mid-lands.	Buxton	0.37	57	49	or	or.	0.0	Brighton	0.08	63	55	o.c.0	o	0.2			
	Leamington Spa	0.36	61	52	od	o	0.0	Worthing	0.09	64	55	c	c	0.6			
	Malvern	"	"	"	"	"	0.0	Littlehampton	0.20	"	"	"	"	0.5			
Wales.	Rhyl	0.69	59	53	or	or.	0.0	Southsea	0.26	65	56	o.c.6	o	0.0			
	Colwyn Bay	0.69	60	54	+	+	0.0	Ryde	"	63	61	o	o	0.0			
	Llandudno	0.94	58	54	or	o	0.0	Ventnor	"	"	"	"	"	0.0			
	Bettws-y-Coed	0.44	57	52	or	or.	0.0	Bournemouth	0.14	66	55	o.c	o	1.5			
England, E.	Aberystwyth	0.82	61	54	or	or.	0.0	England, S.W.	Weymouth	0.06	63	58	o	o	0.0		
	Tenby	0.70	60	56	+	+	0.0		Exmouth	0.02	61	54	o	o	0.0		
	Lowestoft	0.02	60	54	c.og	o.	0.0		Teignmouth	0.02	62	57	c	c	0.0		
	Felixstowe	0.03	61	53	"	o	0.0		Torquay	0.01	63	58	o	o	0.0		
England, S.E.	Walton-on-Naze	0.03	60	53	c.og	or.	0.0	Paignton	0.01	63	55	o.c	c	0.1			
	Southend-on-Sea	0.10	62	54	o	o	0.0	Falmouth	0.09	60	57	o.c	or.	0.0			
								Bude	0.13	64	57	o.c	o	0.0			
								Ilfracombe	0.17	63	56	or	+	0.0			
								Weston-super-Mare	0.17	63	54	or	+	0.0			

## 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.	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.) ...	74	74	65	51	37	0.01	o	o	o.c.b.	0.1	Dublin to 4 p.m.	0.25	60	55	54	og	og	o.c.	0.0	
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	0.0	Plymouth to 9 p.m.	0.02	61	58	56	og	og	og	0.0	
Westminster (St. James's Pk.)	72	70	65	54	49	0.01	r	o	o.c.	0.1	Darwen "	0.46	56	51	49	or	or	or	0.0	
Camden Sq. (Brit. Rainfall)	73	77	65	51	47	0.02	or.o	o.c	o.b.c.b.	0.1	Manchester "	0.40	60	53	*	a.r	o	or	0.0	
Hampstead (Reservoir) ...	*	70	63	54	40	0.02	*	b.c.m	b.m.	0.0	Birmingham "	0.43	59	52	50	r	r	r.o	0	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.											62	54	53	or	or.o	o	
			Total.		Mean Rate.		Max. Rate.													
S. Kensington (Roof of M.O.)	78	78	543 Joules.		12.4 Milli-watts.		38 Milli-watts.			0.0	S. Kensington (Museum Grounds to 6 p.m.)	0.16	63	54	52	or	or.o	o		

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

	24th Sept. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T.	G.M.T.	G.M.T.	
	5.43	11.45	5.47	
	5.45	11.45	5.45	
Greenwich	5.50	11.52	5.54	
	5.52	11.52	5.52	
Wick	6.1	12.4	6.6	
	6.4	12.4	6.3	
Valencia	6.31	12.33	6.35	
	6.33	12.33	6.33	

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to above 60° except at some stations in the northern half of the Kingdom; to 66° at Bournemouth and Jersey. Rain has fallen in almost all districts, rather heavily in some parts of Wales and Scotland. Scarcely any bright sunshine was recorded yesterday except at Valencia and Jersey, where the respective figures were 3 hours and 3.8 hours.

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

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday  
25<sup>th</sup> September 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. 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.	F.			In.	In.	F.							In.	F.	F.					Hours		
	Stornoway ... ..	29.77	56	SSE	6	m	29.80	20	57	+2	SSE	8	cq	6	0.05	57	54	omp	omp	omp	1.6			
	Castlebay (Barra Isd.)	29.59	60	SSW	6	bcq	29.64	+0.2	54	+1	SW	5	c	5	0.03	61	52	adp	dpbcq	adp	4.3			
	Glasgow ... ..	29.56	58	SE	5	cm	29.65	+0.1	55	-1	S	3	c	4	0.07	60	54	com	bcn	com	0.6			
	Malin Head... ..	29.75	63	S	4	c	29.79	+0.2	59	+2	S	4	o	*	-	67	56	a.c	c	bcq	*			
	Blacksod Point ... ..	29.63	64	S	5	cq	29.64	+0.3	57	+1	SSW	3	c	2	0.12	67	45	cmj	cmj	cq	*			
	Valencia ... ..	29.53	59	SSW	5	o	29.63	+0.1	55	-3	SSW	1	c	2	0.01	61	53	bc	bcq	bcq	*			
	Roche's Point ... ..	29.55	56	ESE	2	cv	29.59	+0.1	61	+2	SSE	4	o	4	0.07	63	49	bcq	bcq	bcn	3.9			
	Birr Castle ... ..	29.62	59	S	4	adp	29.65	*	60	-1	S	4	o	5	0.63	63	58	bm	dpd	potom	*			
	Donaghadee ... ..	29.62	63	S	4	o	29.66	*	59	+1	SE	1	m	*	0.51	67	57	c	c.o	orm	3.3			
SCANDINAVIA.	Liverpool Obsy. ... ..	29.69	62	SSW	4	c	29.75	+0.1	59	+2	SSW	3	o	3	0.01	65	57	c	cm	comp	*			
	Holyhead ... ..	29.80	65	ESE	4	bc	29.85	+0.1	56	+1	ESE	4	o	3	-	69	55	b	o.c	c	6.0			
	Pembroke (St. Ann's Hd.)	29.75	64	S	2	bm	29.79	0.0	60	-1	SSE	2	opgm	1	trace	69	60	bcq	bc	bcq	5.6			
	Newquay ... ..	29.75	60	SE</																				

## GALBS.

Duration and Extreme Force  
on British Coasts.

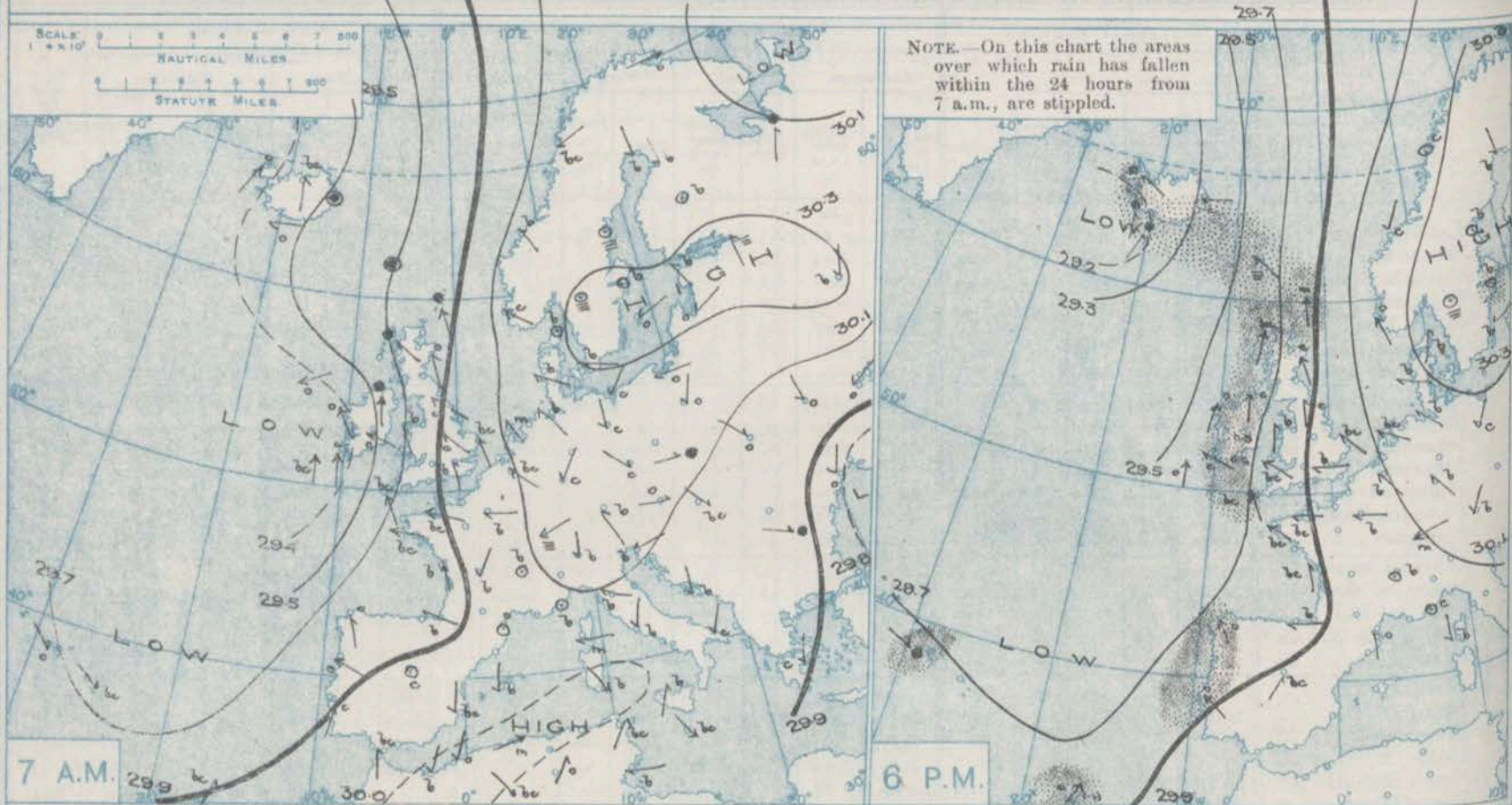
Lurch 12 m - 7 m  
Extreme SSE 8  
Blacksea 12 m - 7 m  
Extreme S. 8

\* 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. 24<sup>TH</sup> SEPTEMBER.



## GENERAL INFERENCE

The deep depression centred over the Icelandic region seems likely to travel in a northerly or north-easterly direction, but secondary

## WEATHER PROSPECTS.

disturbances will affect the western and north-western parts of the United Kingdom.

## FORECASTS FOR THE 24 HOURS—NOON Thursday

## TO NOON Friday.

- 0 { a } Southerly winds, moderate to high; mostly cloudy, some rain  
 { b } locally; mild.
- 1 Wind mainly Southerly, light to moderate; mostly fair; warm.
- 2 { a } Wind between South-East  
 { b } and East, Southerly at times locally.
- 3 light to moderate, fresh in places;  
 4 { a } fair generally; temperature high.  
 { 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 Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

- 6 { a } Wind mainly Southerly, light  
 { b } to fresh; mostly fair, but overcast at times, with local showers; warm.
- 7 { a }  
 { b }
- 8 { a }  
 { b }
- 9 { a } Wind Southerly, light or  
 { b } moderate; cloudy generally, some rain, most in south and west; rather warm.
- 10 { a }  
 { b }

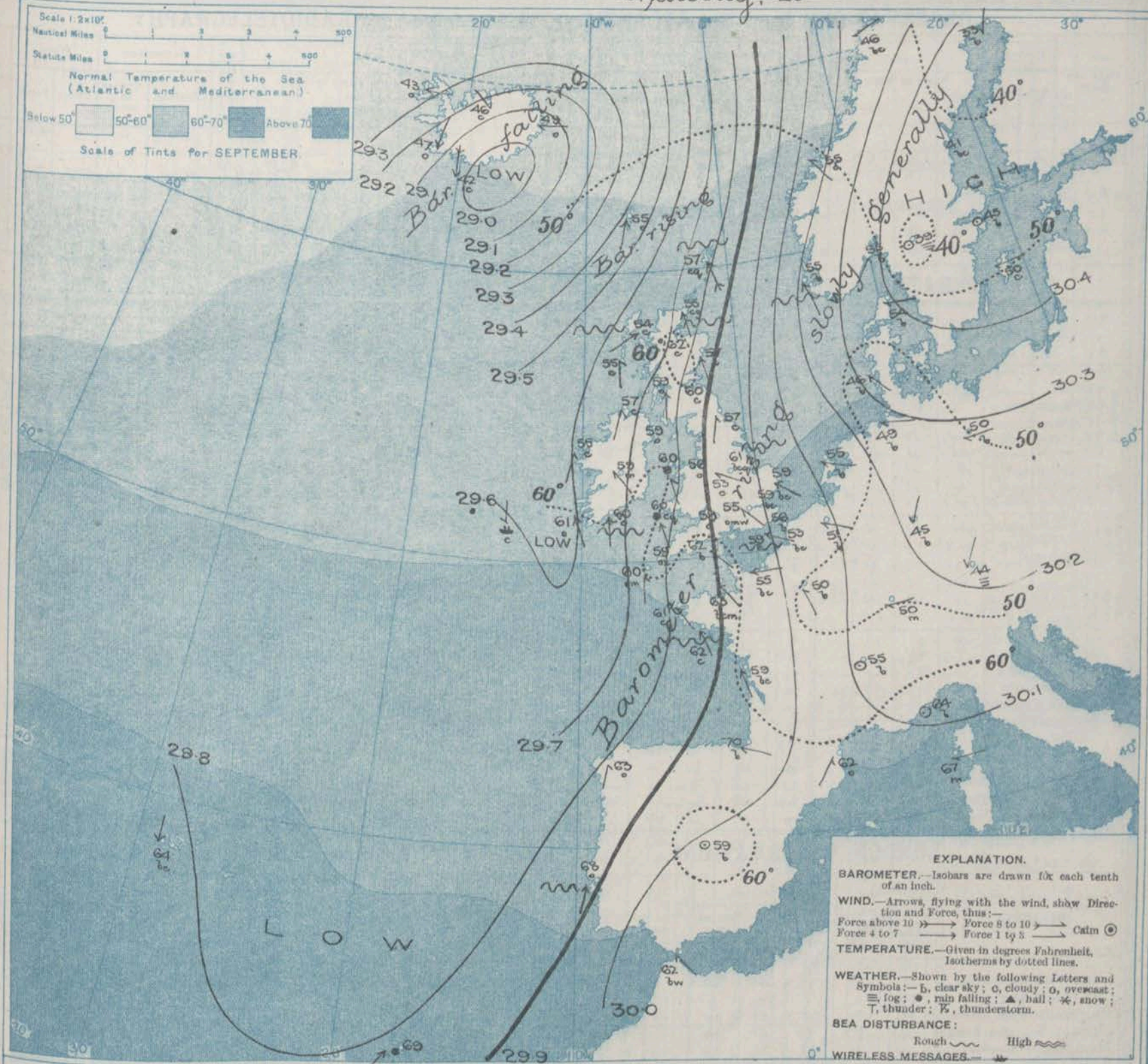
## 11 WESTERN CHANNEL AND BAY.

South-easterly and Southerly winds, light to fresh; sea moderate; mostly fair, mist at times.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Thursday, 25<sup>th</sup> SEPTEMBER 1913.



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

The barometer is above 30.4 in. over Sweden, relatively low in a "U"-shaped depression off the west coast of Ireland, and below 29.0 in. in a depression having its centre a little to the southward of Iceland. Pressure is falling in Iceland, but rising at Thorshavn.

Over the United Kingdom and the nearer countries of the Continent the wind is mainly between South-East and South, light or moderate generally, but fresh locally. At Lough the force of a gale

is reported. In the west of Iceland a high wind or gale from the Northward prevails. Temperature is high for the time of year over these Islands, ranging from 63° at Jersey and about 60° at numerous other stations to 54° at Stornoway and to 53° at Nottingham. Fair weather is reported over the greater part of the United Kingdom and western and north-western Europe, but at some of our western stations the sky is overcast, and at Pembroke and Holyhead showers are falling.



# DAILY WEATHER REPORT.

Thursday, 25th September 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.	
25th 7 a.m.	51	13	Cymric	0	29.62	+0.7	N	1-3	c	24th 7 a.m.	55	13	Empress of Ireland	H	29.39	-2.0	ENE	6-7	0
24th 6 p.m.	51	11	Carmaria	0	29.55	-0.2	S	4-5	0										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.	c.	c.	Hr.	Margate	In.	F.	F.	b.	b.	Hr.
Oban	0.01	67	56	c.b.c.	c.	10.5	Ramsgate	0.01	67	57	b.	b.	9.3
Stonehaven	0.08	59	35	o.g.	st. cy	0.6	Folkestone	0.01	67	58	b.c.	b.c.	9.2
Carnoustie	0.02	61	54	"	"	4.7	Hythe	0.01	69	61	b.c.	b.c.	9.0
St. Andrews	-	62	54	b.c.	b.c.	5.1	Littlestone	-	-	-	-	-	10.9
England.	-	-	-	-	-	-	Hastings	-	67	55	b.	b.	10.6
N.E.	-	-	-	-	-	-	Bexhill-on-Sea	-	66	60	b.	b.	10.4
Harrogate	0.04	69	54	b.	b.c.	6.3	Eastbourne	-	67	60	b.	b.	10.5
Scarborough	-	68	56	c.b.	c.c.	7.5	Seaford	-	68	58	b.	b.	10.3
England.	-	-	-	-	-	-	Brighton	-	70	59	b.	b.	10.0
N.W.	-	-	-	-	-	-	Worthing	-	67	59	b.	b.	10.7
Douglas	-	-	-	-	-	-	Littlehampton	-	-	-	-	-	9.8
Blackpool	0.01	72	56	c.	c.b.c.	5.7	Southsea	-	67	60	b.	b.	9.5
Southport	0.03	71	55	b.c.	b.c.	6.0	Ryde	-	65	-	b.	b.	10.5
Mid-lands.	-	-	-	-	-	-	Ventnor	-	67	58	b.	b.	10.4
Buxton	0.08	67	51	b.c.	b.	8.3	Bournemouth	-	67	58	b.	b.	8.7
Leamington Spa	-	72	53	b.	b.	9.4	Weymouth	-	67	59	b.	b.	7.7
Malvern	-	-	-	-	-	9.0	Exmouth	-	67	54	b.c.	b.c.	7.2
Wales.	-	-	-	-	-	-	Teignmouth	-	64	59	b.	b.c.	8.2
Rhyl	-	71	56	b.	b.c.	5.8	Torquay	-	67	59	b.	b.	8.5
Colwyn Bay	-	72	55	b.	b.	5.2	Paignton	-	-	-	-	-	7.7
Llandudno	0.01	73	55	b.	b.	6.3	Falmouth	-	65	56	b.	b.	7.6
Bettws-y-Coed	-	70	52	b.c.	b.c.	3.0	Bude	-	72	60	b.	b.	7.5
Aberystwyth	-	71	57	c.b.c.	c.b.c.	7.0	Ilfracombe	-	70	58	b.	b.	7.5
Tenby	0.05	67	60	b.c.	b.	6.5	Weston-super-Mare	-	72	55	b.	b.	8.5
England.	-	-	-	-	-	-							
Lowestoft	-	66	57	b.c.	b.	8.7							
Felixstowe	-	65	58	b.m.	b.m.	9.2							
Walton-on-Naze	-	64	58	b.m.	b.m.	8.1							
Southend-on-Sea	-	71	57	b.	b.	8.6							

## 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.
	p.m. Yester- day.	a.m. To- day.	In Screen.		Min. on Grass.	Fore- noon.		After- noon.	Night.	In Screen.				Night Min. on Grass.	Night.	Fore- noon.	After- noon.			
			Max.	Min.														Max.	Min.	
24 HOURS ENDED 9 A.M. TO-DAY.																				
Greenwich (Royal Obs.) ...	%	%	F.°	F.°	F.°	In.	b	b	b.c.	Hr.	Dublin to 4 p.m.	In.	F.°	F.°	F.°	o.g.	c.b.	c.b.	Hr.	
City (Bunhill Row) ...	57	80	72	50	35	-	"	"	"	10.2	Plymouth to 9 p.m.	0.01	64	54	50	bcw	c.b	bc	10.4	
Westminster (St. James's Pl.)	"	"	"	"	"	"	"	"	"	9.2	Darwen	"	70	57	53	bcw	c.b	bc	6.3	
Camden Sq. (Brit. Rainfall)	57	79	72	55	50	-	b.v.b	bc	bc.	10.0	Manchester	0.09	68	53	47	o.c.bc	bc	bc.	7.6	
Hampstead (Reservoir) ...	57	83	75	51	44	-	b	b	b	7.9	Birmingham	0.01	74	56	48	o.c.bc	bc	b	9.3	
Kew. (See front page.)	"	78	71	51	39	-	bc	om	bcn.	9.4	Oxford to 8 p.m.	"	71	54	48	-	b	b	"	
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.																				
Total.			Mean Rate.		Max. Rate.				S. Kensington											
134.3 Joules.			30.9 Milliwatts.		52. Milliwatts.				(Museum Grounds to 6 p.m.)											
S. Kensington (Roof of M.O.)	65	82	134.3			30.9			52.				-	72	55	44	o.b	b	b	"

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

	25th 12th Sept. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T.	G.M.T.	G.M.T.	
	5.46	11.44	5.42	
Greenwich	5.52	11.52	5.52	
	5.53	11.51	5.49	
Wick	6.4	12.4	6.3	
	6.6	12.3	6.0	
Valencia	6.23	12.33	6.33	
	6.34	12.32	6.30	

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 70° or a little higher at many stations in Great Britain, the highest figure reported being 74° at Leith. The night was mild for the time of year; at Holyhead and Portland Bill the minimum temperature was as high as 60°. About 0.5 in. of rain fell in some parts of Ireland, but over the Kingdom generally the weather was dry and bright. In the south-east and south of England about 10 hours of bright sunshine were recorded.

NOTE.—The information relating to weather is indicated by the following letters: b. blue sky; c. 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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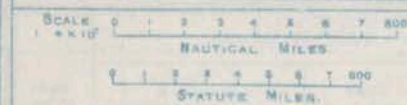
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.				
		At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Wet Bulb.	Dir.				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.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	
BRITISH ISLANDS.		In.	F.				In.	In.	F.								In.	F.	F.	omp	omtg	otbcm	Hours	
Lerwick ... ..	29.79	56	SSE	9	c		29.80	+0.3	53	-4	SSE	2	b	5	0.49	57	52	omp	omtg	otbcm			1.0	
Stornoway ... ..	29.63	54	SSW	4	cqp		29.82	+0.5	51	-3	SSW	4	bc	4	0.41	58	50	cot	cqp	cbeq			0.7	
Castlebay (Barra Isd.)	29.66	55	SW	3	b		29.85	+0.5	53	-2	WNW	2	c	3	0.15	56	52	cot	op	op.c.b.			0.0	
Glasgow ... ..	29.79	61	SSW	4	o		29.93	+0.6	57	-2	SSW	2	r	3	0.16	64	56	op	o	opg			*	
Malin Head... ..	29.69	58	S	2	bc		29.86	+0.3	56	-1	S	3	c	2	0.04	61	46	cm	bcg	bcg			*	
Blacksod Point ...	29.71	59	SW	2	bc		29.85	+0.3	57	+2	SW	3	o	3	0.05	60	52	bg	bcg	cmp			*	
Valencia ... ..	29.77	61	SSE	2	bm		29.90	+0.3	57	-4	S	2	o	3	0.02	63	57	cov	bcg	cmp			1.0	
Roche's Point ...	29.82	60	S	4	o		29.94		58	-2	S	2	c	4	0.20	62	57	om	opm	od			*	
Birr Castle ... ..	29.77	60	S	2	c		29.91		55	-4	S	1	c	4	0.05	65	52	ot	c	cp			0.8	
Donaghadee ... ..	29.79	59	SSW	4	o		29.94	+0.4	57	-2	SSW	2	bc	1	0.11	61	56	omp	om	omp			*	
Liverpool Obsy. ...	29.91	59	SE	2	r		29.98	+0.2	55	-1	SE	1	c	2	0.27	62	55	c	od	ot			0.3	
Holyhead ... ..	29.87	59	SSW	3	otm		29.96	+0.3	58	-2	SSW	2	odm	2	0.17	61	57	cpcan	otm	otom			0.2	
Pembroke (St. Ann's Hd.)	29.89	57	SW	2	c		29.96	+0.3	57	-3	ESE	1	c	3	0.08	61	56	cqp	odm	c			0.0	
Newquay ... ..	29.90	57	SSE	1	od		29.95	+0.1	58	-1	-	0	odm	2	0.11	62	56	o	od	od			0.0	
Scilly (St. Mary's) ...	29.87	58	S	3	cp		29.93	+0.1	57	-3	S	2	cm	3	0.04	62	56	omr	cp	ogcm			0.0	
Jersey (St. Aubin) ...	29.93	69	SE	3	bcm		29.98		63	0	SE	2	cm	2	-	72	60	bm	bcm	bc			0.8	
Portland Bill ... ..	29.92	63	S	1	c		29.98	+0.1	61	-1	NE	3	c	3	-	65	60	bc	bc	bc			*	
Dungeness ... ..	29.97	63	ENE	3	b		30.01	+0.2	61	+2	SE	2	c	2	trace	67	58	bc	bc	bc			*	
Dover ... ..	29.98	65	SE	2	b		30.02		61	+5	S	1	m	2	-	69	56	b.bc.b	b.bc.b	bcm			8.1	
Wick ... ..	29.65	56	SSE	8	c		29.86	+0.6	54	-1	SSW	3	bc	4	0.18	57	50	cmpq	cmpq	ogpbc			*	
Nairn ... ..	29.66	64	S	4	c		29.85		51	-11	S	1	c	1	0.09	70	47	d.cq	ogp	r.c.			1.2	
Aberdeen ... ..	29.80	56	SSE	5	r		29.91	+0.5	55	-2	SSW	2	b	3	0.03	58	54	opmg	opm	ompqb			0.0	
Leith ... ..	29.80	65	SSW	5	o		29.92	+0.6	58	-2	SW	1	cq	3	0.05	66	55	c.o.	og	o			*	
North Shields ...	29.89	63	S	3	oz		29.97	+0.2	57	0	SSW	3	cq	3	0.41	64	54	c	c.o.	ot			0.1	
Spurn Head ... ..	29.93	60	SSE	6	o		29.96	+0.2	59	-2	S	2	f	4	-	63	52	bcq	cq	c.bcm			3.1	
Yarmouth ... ..	30.00	61	SE	6	bc		30.02	00	60	+1	S	3	bc	3	-	63	59	bc	bc	bcm			6.4	
Clacton-on-Sea ...	29.97	63	SE	4	c		30.02	+0.2	60	+1	-	0	c	0	-	63	58	bcg	bcg	c.bcm			4.3	
Nottingham... ..	29.92	65	SSE	1	o		29.99		59	+6	SSW	1	tm	3	0.02	71	53	c	c.o.	abc			4.9	
Bath ... ..	29.93	66	S	-	o		30.00		59	+1	E	-	r	3	-	73	57	abdc	c.o.	abc			3.5	
London (Kew Obsy.)...	29.96	65	SE	1	bz		30.02	+0.2	57	+2	-	0	ofw	3	-	72	55	omrbc	bcg	bcg			7.0	
ICELAND, FAEROE, &c.																								
Spitzbergen ... ..	30.17	30	-	0	o		29.96	-0.2																

\* Information for these columns not usually received.

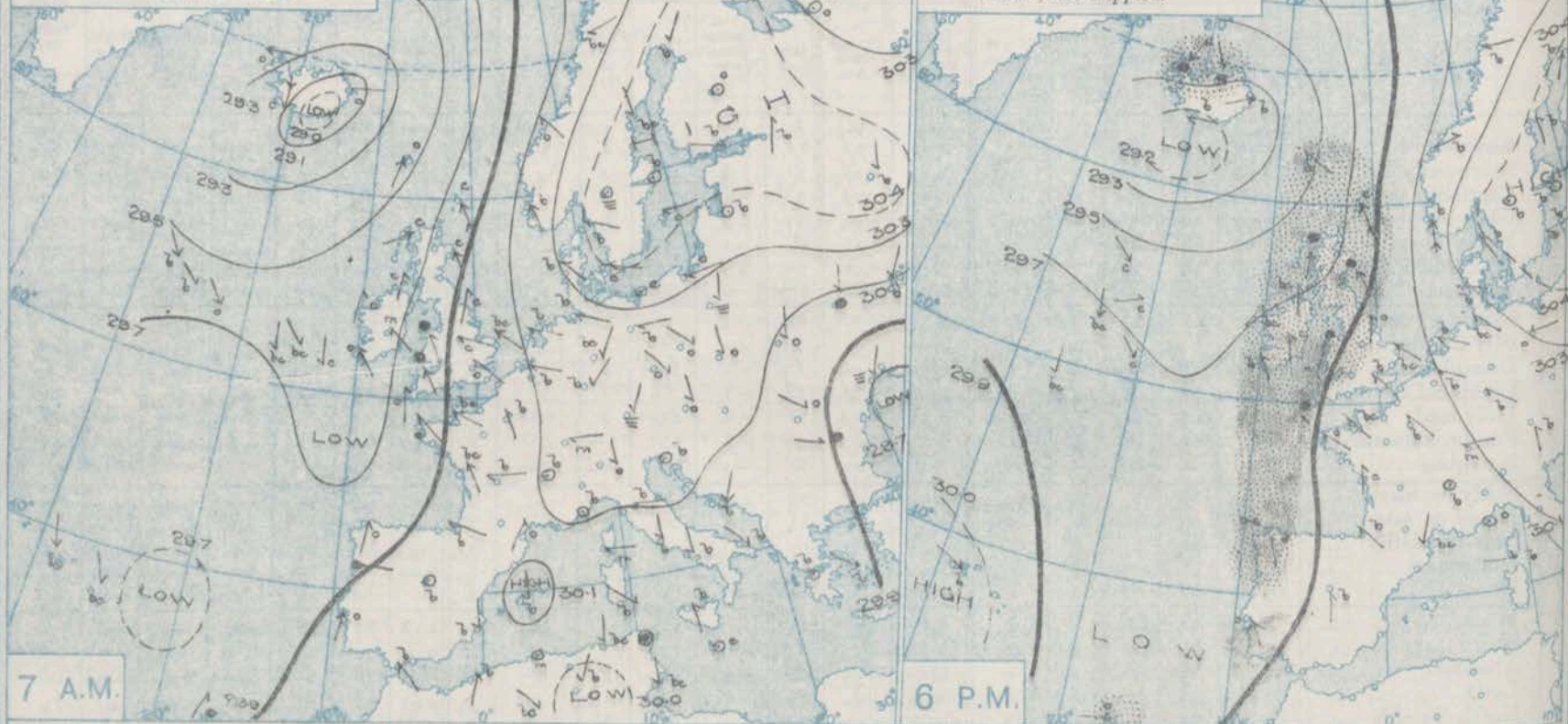
† Received too late for insertion in Charts.



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



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 are no indications of the immediate approach of any fresh disturbance from

the Westward, but pressure is becoming less regular over England, the Channel and the Bay of Biscay region.

FORECASTS FOR THE 24 HOURS NOON

Friday

TO NOON Saturday.

0 {  
a  
b

Southerly or South Westerly winds, light or moderate; sky variable, some showers, but mostly fair; mild.

1

2 {  
a  
b

Wind mainly Southerly,

3

light; some mist or fog, showers locally, with a thundery tendency, otherwise fair; warm.

4 {  
a  
b

5

Wind between East and South light; a good deal of cloud, some mist, thunder showers locally later; warm.

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 Nos. 0 and 1.

7 {  
a  
b

8 {  
a  
b

Same as No. 5.

9 {  
a  
b

10 {  
a  
b

Southerly or South-Westerly winds, light or moderate; changeable, some showers; rather warm.

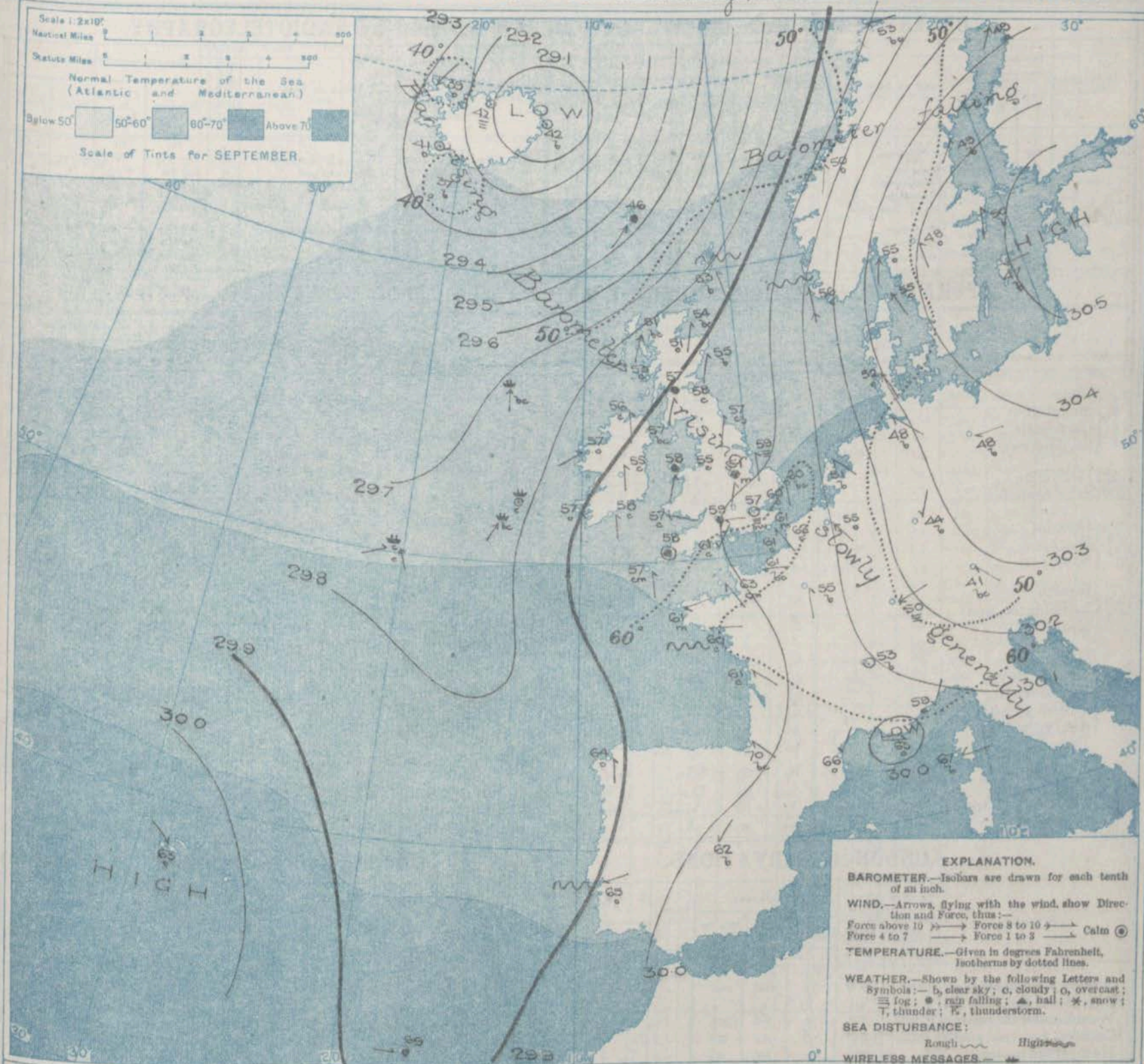
11 WESTERN CHANNEL AND BAY.

Light winds between East and South; sea slight or smooth; some mist, thunder showers locally, otherwise fair generally.

THE FURTHER OUTLOOK.



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



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

Pressure is about 30.5 in. in the neighbourhood of Stockholm, below 29.1 in. in a depression over the west of Iceland, and relatively low over the Bay of Biscay.

The wind is mainly Southerly over these Islands, but draws into the eastward on the English Channel. In force it is light on our coasts, but beyond the North Sea the Southerly wind is strong to a gale, and a strong wind from South West is blowing at Thorshavn. According to wireless reports a light to moderate breeze from the South Westward prevails on

the Atlantic as far west as the 20th meridian. Temperature continues above the normal over this country, ranging from 63° at Jersey and about 60° over a large portion of England to 51° at Narvik and Stornoway. Variable weather is reported over the British Isles; in several localities mist or fog prevails, in others the sky is fair to bright, while at Glasgow, Holyhead, Narvik and at some inland stations in England rain is falling. Over the greater part of the continent the weather is fair to very fine, but rain is reported near Bordeaux.



## DAILY WEATHER REPORT.

Friday, 26th September 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. Inward. H.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. 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.	
26th 7 a.m.	50	20	Caronia	H	29.82	-0.1	SSE	4-5	o.	25th 6 p.m.	53	20	Royal George	H	29.69	-0.3	WSW	1-3	f.
"	50	22	Cymric	O	29.76	-0.2	WSW	1-3	c.	"	52	18	Montfort	H	29.74	+0.3	N	6-7	b.
"	56	15	Leutonic	H	29.71	+0.8	S	4-5	bc.	"	54	27	Leutonic	H	29.59	-0.5	NW	4-5	b.
"	51	15	Olympic	O	29.79	+0.6	SW	4-5	bc.	"	53	25	Royal George	H	29.59	-0.3	NW	1-3	b.
"	52	14	Royal George	H	29.79	+0.1	-	0	c.	"	53	25	Royal George	H	29.59	-0.3	NW	1-3	b.
25th 6 p.m.	49	26	Caronia	H	29.88	0.0	N	1-3	bc.	"	52	22	Montfort	H	29.69	+0.2	NNW	4-5	o.
"	56	22	Leutonic	H	29.88	+0.1	NW	4-5	c.	"	51	17	Cymric	O	29.73	+0.4	N	1-3	bc.
"	51	21	Carmania	O	29.77	+0.6	NW	4-5	c.	"	51	16	Carmania	O	29.62	+0.5	NW	1-3	bc.

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	Hr.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	Hr.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.		
Scotland.	Oban	0.03	65	58	c.c.	or	0.6		Margate	-	67	55	b	b	7.5	
	Stonehaven	0.11	57	55	sc	or	0.0		Ramsgate	-	65	55	-	-	8.0	
	Carnoustie	0.21	56	54	-	-	0.0		Folkestone	-	69	55	b.c.b	b.c.b	8.2	
	St. Andrews	0.14	61	49	or	o	0.0		Hythe	-	-	-	-	-	-	
Engl. N.E.	Harrogate	-	65	50	c.b.c	c.b.c	0.6		Littlestone	-	-	-	-	-	9.1	
	Scarborough	-	62	56	c.b	c.b	3.6		Hastings	-	66	57	b	b	8.0	
England, N.W.	Douglas	-	-	-	-	-	-		Bexhill-on-Sea	-	66	58	b.c.b	b.c.c	5.0	
	Blackpool	0.16	64	57	o.c	or	0.2		Eastbourne	-	65	58	b.b.c	b.b.c	6.8	
	Southport	0.25	65	56	b.c.c	or	0.7		Seaford	-	68	56	b	b	6.6	
									Brighton	-	69	57	c.b.c	b.c.	6.4	
Mid- lands.	Buxton	-	63	50	b.c	b.c.	0.8		Worthing	-	66	59	b.c	b.c.	4.8	
	Leamington Spa	-	73	53	c.b	c.b.	3.7		Littlehampton	-	-	-	-	-	4.2	
	Malvern	-	-	-	-	-	0.7		Southsea	-	67	58	c.b	b	5.5	
									Ryde	-	67	62	b.c	b.c	6.2	
Wales.	Rhyl	0.01	65	57	o.c	o.c.	0.1		Ventnor	-	68	59	-	-	7.2	
	Colwyn Bay	-	67	59	b.b.c	b.c.c	0.2		Bournemouth	-	68	60	c.b	b.b.c	7.2	
	Llandudno	-	68	59	o	o	0.0		Weymouth	-	69	60	b.c	b.c.	6.1	
	Bettws-y-Coed	-	69	51	or.c	c.o.	0.5		Exmouth	-	65	58	b.c.b	b.b.c	0.6	
England, S.W.	Aberystwyth	0.10	66	60	o.c.c	or.c	0.0		Teignmouth	-	65	54	c	c	0.9	
	Tenby	0.15	62	56	o	or	0.0		Torquay	-	65	56	o	c.o.	0.6	
									Paignton	-	66	52	c	c	0.7	
									Falmouth	0.04	63	58	or	or.c	0.0	
England, E.	Lowestoft	-	66	59	b.b.c	b.c.c	8.0		Bude	0.02	65	57	or	or	0.0	
	Felixstowe	-	64	58	b.c.m	b.c.m	7.3		Ilfracombe	0.02	68	58	or	or	0.0	
	Walton-on-Naze	-	63	58	b.c.m	b.c.m	5.2		Weston-super-Mare	-	72	56	b.b.c	b.c.c	0.5	
	Southend-on-Sea	-	67	57	b	b	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.	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.) ...	63	86	F.°	F.°	F.°	In.	b.b.c.	b.c.b	b.c.f.o	Hr.	Dublin to 4 p.m.	In.	F.°	F.°	F.°	c	c	c	Hr.	
City (Banhill Row) ...	*	*	73	55	46	-	*	*	*	8.2	Plymouth to 9 p.m.	0.02	66	60	57	o	c.b	o	8.0	
Westminster (St. James's Pk.)	65	89	*	*	*	-	*	*	*	5.0	Darwen	0.16	64	57	49	o	c.b	o	0.3	
Camden Sq. (Brit. Rainfall)	64	90	73	56	53	-	b.c	b	f	6.9	Manchester	0.13	63	54	48	b.c.m	or.b	or	1.2	
Hampstead (Reservoir) ...	*	88	75	55	50	-	c	b.c.b	b.c.m	5.7	Birmingham	-	68	56	a	b.c.c	o	or	1.4	
Kew. (See front page.)			72	58	43	-	b.c	c.f	o.f	6.5	Oxford to 8 p.m.	"	61	53	48	-	b.c	c	"	
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																				
Total.			Mean Rate.			Max. Rate.														
S. Kensington (Roof of M.O.)	72	89	1070	Joules.	24.2	Milliwatts.	50.5	Milliwatts.	6.7	S. Kensington (Museum Grounds to 6 p.m.)	-	74	55	45	7.b.c.	b.c.	b	"		

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.

Temperature rose to 70° or a little higher in several parts of England and at Havre, and the minimum readings in the night were high for the time of year. Rain has fallen over a large area in the north and west; 0.4 in. at Shields and Stornoway, and 0.5 in. at Lerwick. Bright sunshine was again very prevalent in the east and south-east of England, but elsewhere there was little. Wireless reports show that a N.W. wind of little force prevailed as far west as the 27th meridian.

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

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  
27th September, 1913.

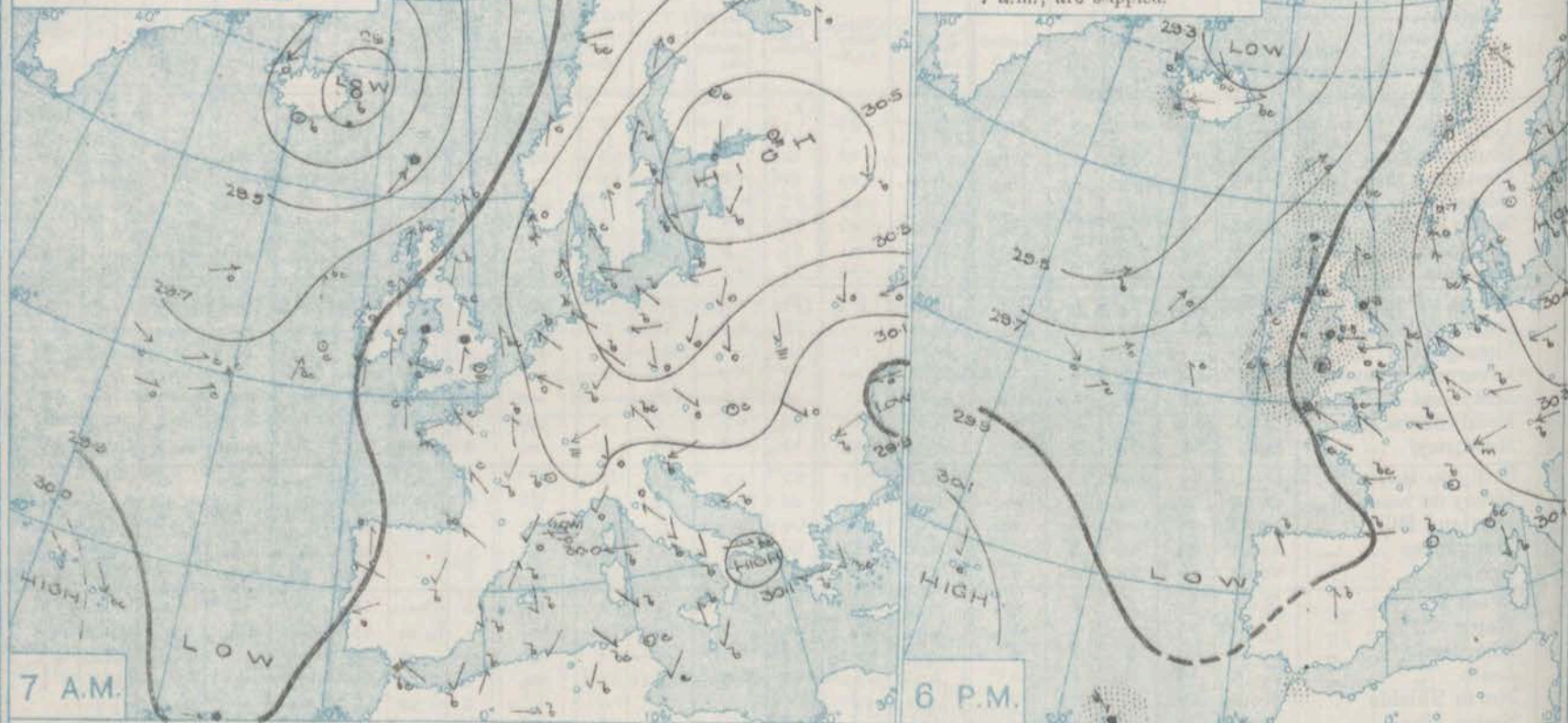
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.		
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.							
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (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.
BRITISH ISLANDS.	Lerwick ... ..	In. 29.95	F. 54	SSE	3	bc	In. 29.90	+0.1	F. 52	-1	S	3	m	2	In. 29.95	F. 51	bc	bc	bc	bc	bc	bc	bc	bc	Hours
	Stornoway ... ..	29.88	56	SSW	3	odp	29.87	+0.2	56	+5	S	2	c	2	0.01	59	51	bc	bc	bc	bc	bc	bc	4.1	
	Castlebay (Barra Isd.)	29.87	56	SE	3	c	29.86	0.0	55	+2	SE	3	om	3	0.04	58	52	c-bc	c	c	c	c	c	1.8	
	Glasgow ... ..	29.97	59	-	0	o	29.93	0.0	55	-2	E	1	o	*	0.01	62	53	p-o-c	c-o	c-bc	c	c	c	11.3	
	Malin Head ... ..	29.88	60	SSW	1	bc	29.82	-0.2	55	-1	S	3	bc	2	trace	65	?	bc	bc	bc	bc	bc	bc	*	
	Blacksod Point ... ..	29.85	59	SW	3	c	29.79	-0.1	57	0	SSE	2	c	2	0.01	61	56	om-pz	bc	bc	bc	bc	bc	*	
	Valencia ... ..	29.86	61	SSE	2	c	29.76	-0.2	59	+2	-	0	o	3	0.11	64	57	c	c	c	c	c	c	3.4	
	Roches Point ... ..	29.92	59	S	2	f	29.81	0.0	59	+1	SE	3	r	3	0.09	61	58	odm	odm	odm	odm	odm	odm	*	
	Birr Castle ... ..	29.90	62	SSE	1	c	29.81	0.0	58	+3	SE	1	r	*	0.03	60	54	gc	c	c	c	c	c	3.1	



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 26<sup>TH</sup> SEPTEMBER.

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.

While the general distribution of pressure will probably undergo little change, there are some indications of the formation of shallow

local disturbances which may cause less settled weather, with thunderstorms locally, in several parts of England.

### FORECASTS FOR THE 24 HOURS NOON

Saturday

TO NOON Sunday.

0 {  
a } Southerly winds, light or  
b } moderate, mostly fair, some mist and  
showers locally; rather warm.

1

2 {  
a }  
b }

3

4 {  
a }  
b }

5

Wind light between East and South; fine generally, then becoming more cloudy, with thunderstorms locally. Temperature high, air rather close.

### FORECAST DISTRICTS.



### STORM WARNINGS.

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

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

No warnings issued.

6 {  
a }  
b }

7 {  
a }  
b }

8 {  
a }  
b }

9 {  
a }  
b }

10 {  
a }  
b }

Same as Nos. 0 and 1.

Wind between East and South-East, light; variable weather, some mist or fog, rain or thunderstorms locally later; warm, close.

Southerly or South-Easterly winds, light or moderate; changeable, some rain and mist; rather warm.

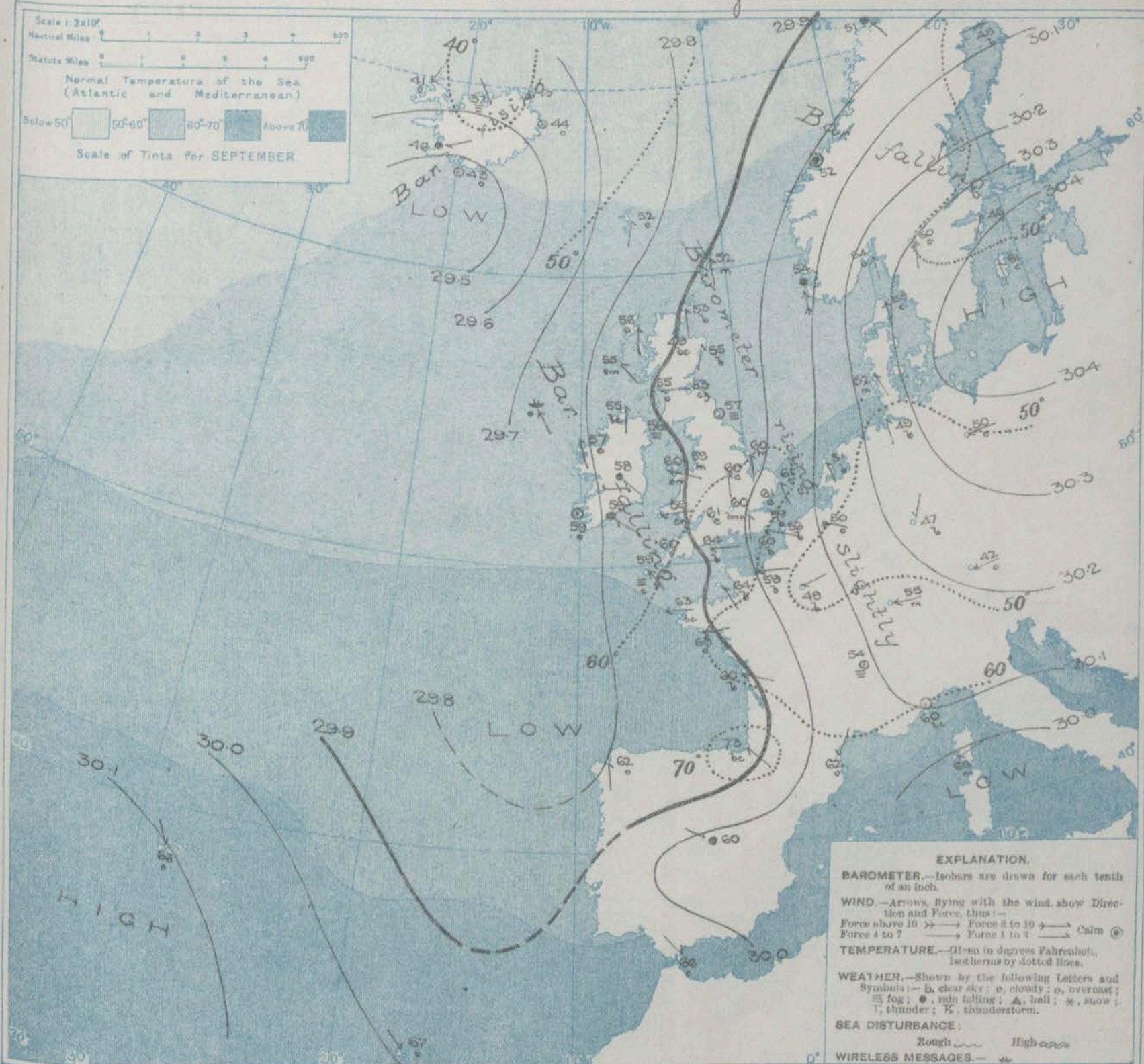
### 11 WESTERN CHANNEL AND BAY.

Easterly and South-Easterly winds, light or moderate; sea slight; some mist or fog, thunderstorms later.

### THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Saturday 27<sup>th</sup> SEPTEMBER 1913.



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

Pressure is above 30.4 in. over the Baltic, below 29.5 in. to the south-west of Iceland, and relatively low over the Spanish Peninsula and the Bay of Biscay.

The wind is Easterly or South-Easterly over France, the Channel and the south-west of England, Southerly over the North Sea and in Scotland. In force it is very light to moderate, but blows a gale at Skudesnaes. In Iceland the winds draw into the North-Eastward. Temperatures continue high.

Over a large portion of England it is about 60°, and as high as 64° at Portland Bill and Jersey, and in many parts of Scotland the reading is about 55°. At Naam, however, the thermometer stands at 49°. Fair to bright weather is reported in many parts of these Islands, but mist or fog prevails locally on the coast. In Ireland rain is falling at a few stations. Over the greater part of our continental area the weather is fair or fine; rain is, however, general along the west coast of Norway.



## DAILY WEATHER REPORT.

Saturday, 27th September, 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.	
27th 7 a.m.	55	12	Cameronia	H	?	+0.4	SSE	6-7	0.	26th 6 p.m.	51	15	Caronia	H	29.80	In.	SE	(0-12).	C
26th 6 p.m.	50	25	Cynric	O	29.75	+0.2	WNW	4-5	C	" 1 p.m.	51	12	Cameronia	H	?	0.0	SW	4-5	0.
" "	55	22	Virginian	O	29.49	+0.3	WSW	6-7	7.	" 7 a.m.	48	27	Juncoan	O	29.79	-0.1	S	4-5	6.
" "	49	22	Minnewaska	H	29.83	-0.3	WSW	1-3	C	" "	54	23	Minnewaska	H	29.90	-0.1	W	1-3	0.
" "	51	21	Olympic	O	29.76	-0.1	WSW	4-5	C	" "	49	21	Cameronia	H	?	-0.1	WSW	6-7	0.
										" "	50	27	Majestic	H	?	+0.7	WSW	1-3	C
										" "	50	27	Carmania	O	29.75	0.0	WNW	4-5	0.

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.		
		In.	F.°	F.°			Hr.			In.	F.°	F.°			Hr.	
Scotland.	Oban ... ..	...	...	...	...	...	...	England, S.E.	Margate ... ..	...	...	...	...	...	...	
	Stonehaven ... ..	0.06	65	54	bz	b.b.c.	6.9		Ramsgate ... ..	...	72	59	bc	bc.b.	5.7	
	Carnoustie ... ..	0.09	61	54	bc	bc.	3.9		Folkestone ... ..	...	69	58	bc.b.	b.b.c.	6.6	
	St. Andrews ... ..	0.11	68	53	bc	bc.	6.1		Hythe ... ..	...	72	54	bc.b.	b.b.c.	4.9	
Eng. N.W.	Harrogate ... ..	0.32	63	56	o.c.b.c.	or.o.	0.3		Littlestone ... ..	...	...	...	...	...	5.1	
	Scarborough ... ..	...	65	57	or	o	0.0		Hastings ... ..	...	70	59	c.b.c.	b.	5.3	
England, N.W.	Douglas ... ..	...	...	...	...	...	...		Bexhill-on-Sea ... ..	...	65	60	bc.b.	b.	5.0	
	Blackpool ... ..	0.89	64	54	mc.o	or	0.6		Eastbourne ... ..	...	68	56	o.b.c.	b.b.c.	5.8	
	Southport ... ..	0.62	62	54	o.c.b.c.	or	?		Seaford ... ..	...	72	57	b	b	5.9	
Mid-lands.	Buxton ... ..	0.09	62	50	cr.c	bc.o.	0.5		Brighton ... ..	...	70	57	c.b.c.	bc.b.	5.6	
	Leamington Spa ... ..	0.01	70	58	c.b.	c.b.	0.0		Worthing ... ..	...	69	59	c.b.c.	bc	5.3	
	Malvern ... ..	...	...	...	...	...	0.3		Littlehampton ... ..	...	...	...	...	...	4.8	
									Southsea ... ..	...	70	58	c.b.c.	bc	3.7	
Wales.	Rhyl ... ..	0.40	64	54	bc	bc.or	1.5		Ryde ... ..	...	64	62	bc	bc	2.5	
	Colwyn Bay ... ..	0.16	63	56	b.b.c.	bc.or	1.8		Ventnor ... ..	...	69	61	*	*	5.3	
	Llandudno ... ..	0.28	63	54	c	or	0.8		Bournemouth ... ..	...	68	55	cu	c	2.2	
	Bettws-y-Coed ... ..	0.16	65	55	or	or	0.0		Weymouth ... ..	...	...	68	59	bc	bc.	2.5
	Aberystwyth ... ..	0.40	62	56	o.c.o	or	1.0		Exmouth ... ..	0.02	66	58	d.b.c.	bc.b.	2.5	
England, E.	Tenby ... ..	0.28	61	58	or	or	0.0	Teignmouth ... ..	0.04	66	59	cp	c.b.c.	2.6		
	Lowestoft ... ..	...	66	60	c.b.c.c.	c.b.c.	2.0	Torquay ... ..	0.01	67	60	o	c.b.c.b.	2.4		
	Felixstowe ... ..	...	67	58	cl	bef	4.4	Paignton ... ..	0.04	66	59	c	bc.	2.4		
	Walton-on-Naze ... ..	...	66	59	bc	bc.m	3.0	Falmouth ... ..	0.09	63	57	ro	oe	0.0		
	Southend-on-Sea ... ..	...	73	59	f	bz	3.9	Bude ... ..	0.10	67	56	oyp	p.b.c.	0.0		
								Ilfracombe ... ..	0.10	66	58	sw.o	a	0.6		
								Weston-super-Mare ... ..	...	69	58	c	c.b.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 Obs.) ...	60	79	F.° 77	F.° 57	F.° 47	In. -	c.b	b	b	Hr. 4.0	Dublin to 4 p.m.	In. -	F.° 64	F.° 54	F.° 49	b.c	c	c.o.	Hr. -	
City (Banhill Row) ...	*	*	"	"	"	"	"	"	"	1.9	Plymouth to 9 p.m.	0.05	69	59	57	b.w	o	c.b	1.2	
Westminster (St. James's Pk.)	63	76	76	61	54	-	b.c	b.c	b.c.b.	2.3.	Darwen	0.53	62	53	48	or	o.b	c.or	c.4	
Camden Sq. (Brit. Rainfall)	64	84	78	56	51	-	om.c	b.c	c.b.w.	2.4	Manchester	0.23	65	58	"	or	cp.b.c	cp	0.2	
Hampstead (Reservoir) ...	*	70	74	59	45	-	c	b.e.f	b.f	1.8	Birmingham	0.03	65	58	54	-	o	o	0.0	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									Oxford to 8 p.m.	"	72	57	54	cm.o	cm	cm	
			Total.		Mean Rate.		Max. Rate.													
S. Kensington (Roof of M.O.)	71	79	692 Joules.		16.1 Milliwaits.		50 Milliwaits.			1.9	S. Kensington (Museum Grounds to 9 p.m.)	-	76	58	47	b.m.	om.c	b.c.		

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

27th & 28th Sept. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 5.48 S.49	G.M.T. 11.44 S.44	G.M.T. 5.40 S.38
Greenwich	5.55 5.56	11.51 11.51	5.47 5.45
Wick	6.9 6.11	12.3 12.3	5.57 5.54
Valencia	6.36 6.37	12.32 12.32	6.28 6.26

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 76° at South Kensington, and to 70° or a little higher in many other parts of England. The minima of the night were also high for the time of year. Rain has fallen in the west and north, as much as 0.5 in. at Liverpool, and 1.3 in. at North Shields. Several hours of bright sunshine were recorded in the east of Scotland and the south-east of England, but generally the weather was cloudy or overcast. According to wireless reports a S.W. to S. breeze of little strength prevailed as far west as the 27th meridian.

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

Sunday,  
28th September 1913.

913.

WEA-  
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Sun-  
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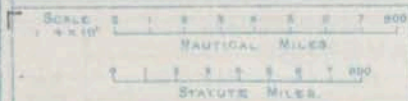
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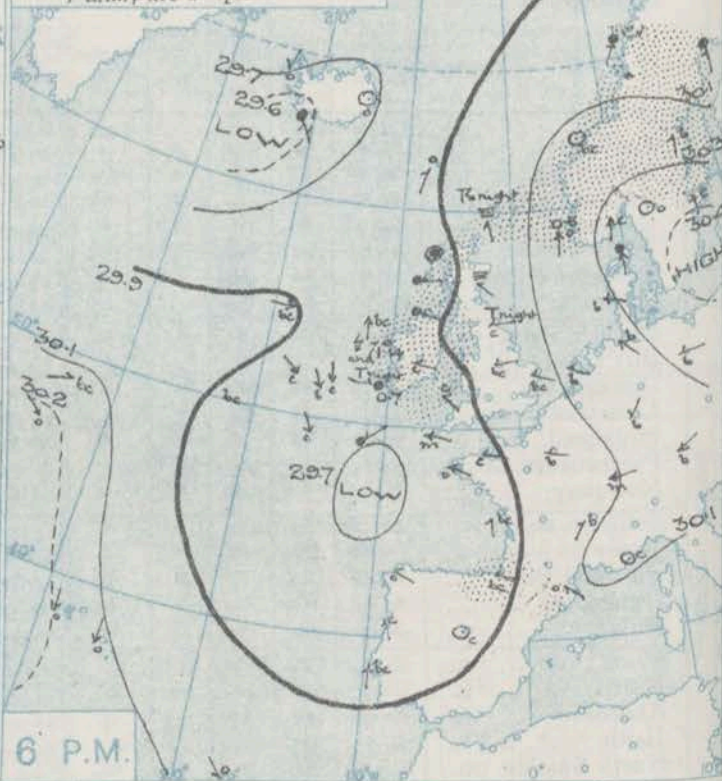
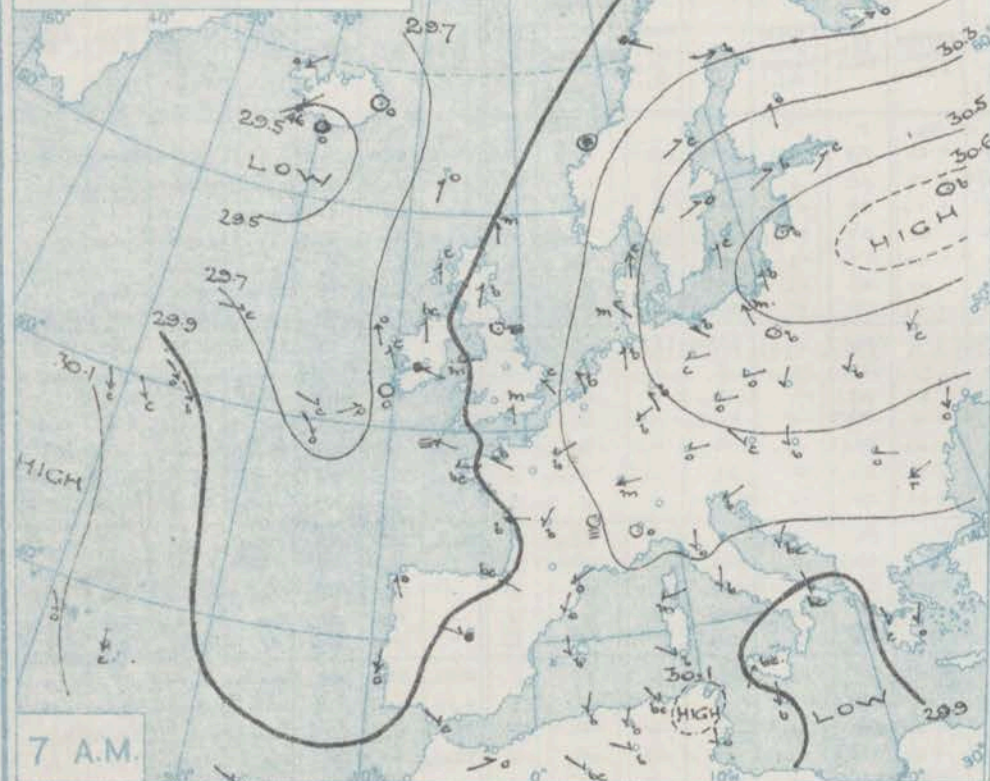
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.	
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.			Hours			
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Wet Bulb.	Dirac. (0 to 12).	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dirac. (0 to 12).	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.				
<b>BRITISH ISLANDS.</b>																							
Lerwick ... ..	30.01	53	53	SSE	3	f	29.99	+0.3	53	+1	SSE	3	0	3	0.08	55	51	f	f	br. om	Hours		
Stornoway ... ..	29.89	58	-	-	0	adm	29.94	+0.3	56	0	-	0	0	0	0.31	64	55	c. bc.	bc. adm	om.	1.2		
Castlebay (Barra Isd.)	29.81	57	E	3	3	r	29.91	+0.4	56	+1	NW	3	0	3	0.32	58	55	om	omr	r. om	0.0		
Glasgow ... ..	29.93	59	NE	3	0	o	29.94	0.0	56	+1	NE	3	m	*	0.03	60	54	sp	spd	om.	0.0		
Malin Head ... ..	29.80	60	SE	2	rm	o	29.81	-0.2	57	+2	E	3	m	2	0.18	61	45	omr	omr	om	*		
Blackod Point ... ..	29.80	59	SW	1	o	o	29.75	+0.1	57	+2	SE	1	c	1	1.14	62	55	omr	omr	relap	*		
Valencia ... ..	29.76	59	WNW	1	r	r	29.75	+0.7	58	-1	SSE	1	0	3	0.72	62	57	omr	omr	outle	0.0		
<b>IRISH ISLANDS.</b>																							
Roche's Point ... ..	29.82	60	SE	1	of	o	29.81	*	59	0	SSW	2	c	3	0.12	63	58	moc	c. of.	oflu	*		
Birr Castle ... ..	29.79	64	SE	1	c	c	29.80	*	57	-1	S	1	c	*	0.07	65	57	or	c	ode	0.1		
Donaghadee ... ..	29.84	58	SSW	2	c	c	29.87	-0.1	57	+1	S	1	ofe	1	0.05	61	56	omr	omr	omr	0.0		
Liverpool Obsy. ... ..	29.91	68	SE	2	bc	bc	29.92	+0.1	54	-5	ESE	4	b	3	trace	72	54	om	c. bc	b. bc.	0.0		
Holyhead ... ..	29.88	65	S	1	c	c	29.85	+0.2	60	0	S	1	bcm	1	trace	73	59	do. bc	bc. om	bc. om	3.8		
Pembroke (St. Ann's Hd.)	29.83	66	SE	3	c	c	29.84	+0.3	59	0	SE	4	cm	3	trace	69	58	cm	bc	cg.	1.2		
Newquay ... ..	29.77	66	ESE	5	o	o	29.85	+0.3	58	-2	E	1	o	2	-	69	57	c	bc.	bc. om	1.5		
<b>SCOTLAND.</b>																							
Scilly (St. Mary's) ... ..	29.75	59	ESE	4	c	c	29.87	+0.2	56	-3	-	0	bcw	2	trace	63	56	cm.	bc.	f.	0.7		
Jersey (St. Aubin) ... ..	29.85	70	ESE	8	c	c	29.88	*	63	-1	ESE	4	cm.	3	-	76	62	bm. b	bc.	bc. om	9.4		
Portland Bill ... ..	29.88	62	E	5	bc	bc	29.89	+0.2	62	-2	ESE	2	c	3	-	65	60	bc	bc	bc.	*		
Dungeness ... ..	29.99	62	ENE	2	bc	bc	29.98	+0.1	59	-1	ESE	3	b	3	-	66	57	bc	bc	c. b.	*		
Dover ... ..	29.99	63	E	3	bc	bc	29.99	*	56	-3	SE	3	b	4	-	68	54	b	b. bc.	bz.	9.4		
<b>ENGLAND.</b>																							
Wick ... ..	29.94	56	SSE	3	c	c	29.97	+0.3	55	+2	SSE	2	f	2	0.02	58	53	bm. bc.	bc. om	f.	0		
Nairn ... ..	29.90	57	-	0	o	o	29.94	*	55	+6	-	0	m	1	0.03	64	47	c	ogd	jam	4.4		
Aberdeen ... ..	29.99	55	SE	1	f	f	30.01	+0.3	58	0	S	2	bc	2	-	62	54	bc. om	om. f.	bc. om	0.9		
Leith ... ..	29.93	57	SE	1	o	o	29.94	+0.3	56	+3	-	0	og	*	trace	61	53	c. o	o	o	*		
North Shields ... ..	29.95	62	E	2	cy	cy	30.01	+0.1	56	-1	-	0	c	2	-	62	54	f	f. c	o.	0.2		
Spurn Head ... ..	29.98	61	SE	5	c	c	29.99	0.0	60	0	SE	4	bc	4	-	63	52	c	c	c. b.	7.5		
<b>Wales.</b>																							
Yarmouth ... ..	30.04	60	SE	2	bc	bc	30.05	0.0	60	-1	SE	4	bc	4	-	64	59	bc	bc	bc. om	8.0		
Clacton-on-Sea ... ..	30.01	62	ESE	2	bcy	bcy	30.00	0.0	59	-2	SE	4	b	3	-	65	59	bcy	bcy	bc. by	9.4		
Nottingham ... ..	29.96	67	E	1	bc	bc	29.99	*	51	-9	E	2	c	*	-	78	50	c. b.	b. bc.	b.	8.4		
Bath ... ..	29.92	68	E	2	b	b	29.91	*	57	-4	E	2	o	*	-	78	55	c. b.	b.	c. o	9.6		
London (Kew Obsy.) ... ..	29.98	65	SE	3	bc	bc	29.97	+0.1	54	-6	E	3	bmw	*	-	75	53	bmw	b. bc.	bc. om	10.2		
<b>SCOTLAND.</b>																							
Spitzbergen ... ..	29.82	30	ESE	3	o	o	29.87	+0.5	31	-1	S	3	o	*	-	34	27	*	*	*	*		
Isafjord ... ..	29.71	42	NE	2	o	o	29.90	+0.4	40	-1	NE	5	o	*	-	*	*	*	*	*	*		
Reykjavik ... ..	29.58	51	E	1	o	o	29.82	+0.9	42	-4	N	4	o	*	-	*	*	*	*	*	*		
Vestmanna ... ..	29.51	46	SE	2	r	r	29.80	+0.7	43	0	-	0	c	0	-	*	*	*	*	*	*		
Seydisfjord ... ..	29.68	46	-	0	o	o	29.69	+0.3	43	-1	-	0	c	*	-	*	*	*	*	*	*		
Thorshavn ... ..	29.84	55	SSW	3	o	o	29.91	+0.5	50	-2	-	0	o	*	-	*	*	*	*	*	*		
<b>SCANDINAVIA.</b>																							
Haparanda ... ..	29.94	48	S	2	t	t	30.06	+0.4	49	+1	W	2	bc	*	0.24	55	41	*	*	*	*		
Hernösand ... ..	30.18	51	S	2	b	b	30.31	+0.3	46	-5	-	0	b	*	trace	55	41	*	*	*	*		
Stockholm ... ..	30.28	51	S	2	c	c	30.39	+0.2	53	+7	WSW	2	o	*	trace	55	46	*	*	*	*		
Wisby ... ..	30.44	52	SSW	2	b	b	30.45	+0.1	56	+5	W	2	c	*	-	57	50	*	*	*	*		
Karlstad ... ..	30.35	54	-	0	o	o	30.40	0.0	54	+4	SW	2	b	*	-	55	50	*	*	*	*		
Färder (X'ania Fjord)	30.32	56	SSW	4	c	c	30.48	+0.2	55	+1	SSW	1	m	2	-	56	54	*	*	*	*		
Bodö ... ..	30.00	50	SW	4	t	t	30.12	+0.1	50	-1	SSW	5	o	3	0.16	52	48	*	*	*	*		
Christiansund ... ..	30.16	54	-	0	bc	bc	30.15	-0.1	54	+2	SE	1	o	2	0.16	55	50	*	*	*	*		
Skudesnaes ... ..	30.20	57	S	6	o	o	30.28	+0.1	56	+2	S	4	b	4	0.63	57	54	*	*	*	*		
The Scaw (Skagen) ... ..	30.34	57	S	5	t	t	30.38	+0.2	56	+1	S	1	b	0	-	57	54	*	*	*	*		
Hlaavands Huk ... ..	30.28	55	SE	3	b	b	30.32	+0.1	50	-2	SE	3	b	2	-	59	48	*	*	*	*		
<b>GERMANY.</b>																							
Cuxhaven ... ..	30.26	55	SE	4	b	b	30.25	0.0	49	0	ESE	4	b	2	-	64	46	*	*	*	*		
The Helder ... ..	30.53	62	ESE	3	b	b	30.13	+0.1	56	+5	ESE	2	b	1	-	66	48	*	*	*	*		
Brussels ... ..	30.06	58	ESE	3	b	b	30.08	+0.1	52	+2	E	2	b	*	-	71	49	*	*	*	*		
Berlin ... ..	30.34	55	E	2	b	b	30.36	+0.2	46	-4	SE	3	b	*	-	61	45	*	*	*	*		
Frankfurt ... ..	30.15	55	NE	1	b	b	30.19	+0.1	47	0	NE	1	b	*	-	66	48	*	*	*	*		
Munich ... ..	30.15	50	ENE	5	b	b	30.17	+0.1	48	+6	NE	2	o	*	-	57	42	*	*	*	*		
<b>FRANCE.</b>																							
C. Gris Nez ... ..	30.00	60	SE	3	b	b	29.99	+0.1	51	-5	ESE	4	m	3	-	75	50	*	*	*	*		
La Hève ... ..	29.93	64	ESE	5	b	b	29.92	*	53	-6	E	4	m	3	-	73	50	*	*	*	*		
Brest (St. Mathieu) ... ..	29.80	64	SE	4	o	o	29.82	0.0	58	-3	ESE	2	c	2	-	75	57	*	*	*	*		
Lorient (Rec. Malen) ... ..	29.77	65	SE	4	o	o	29.73	*	61	+1	SE	3	c	2	-	73	57	*	*				



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 27th SEPT



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 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

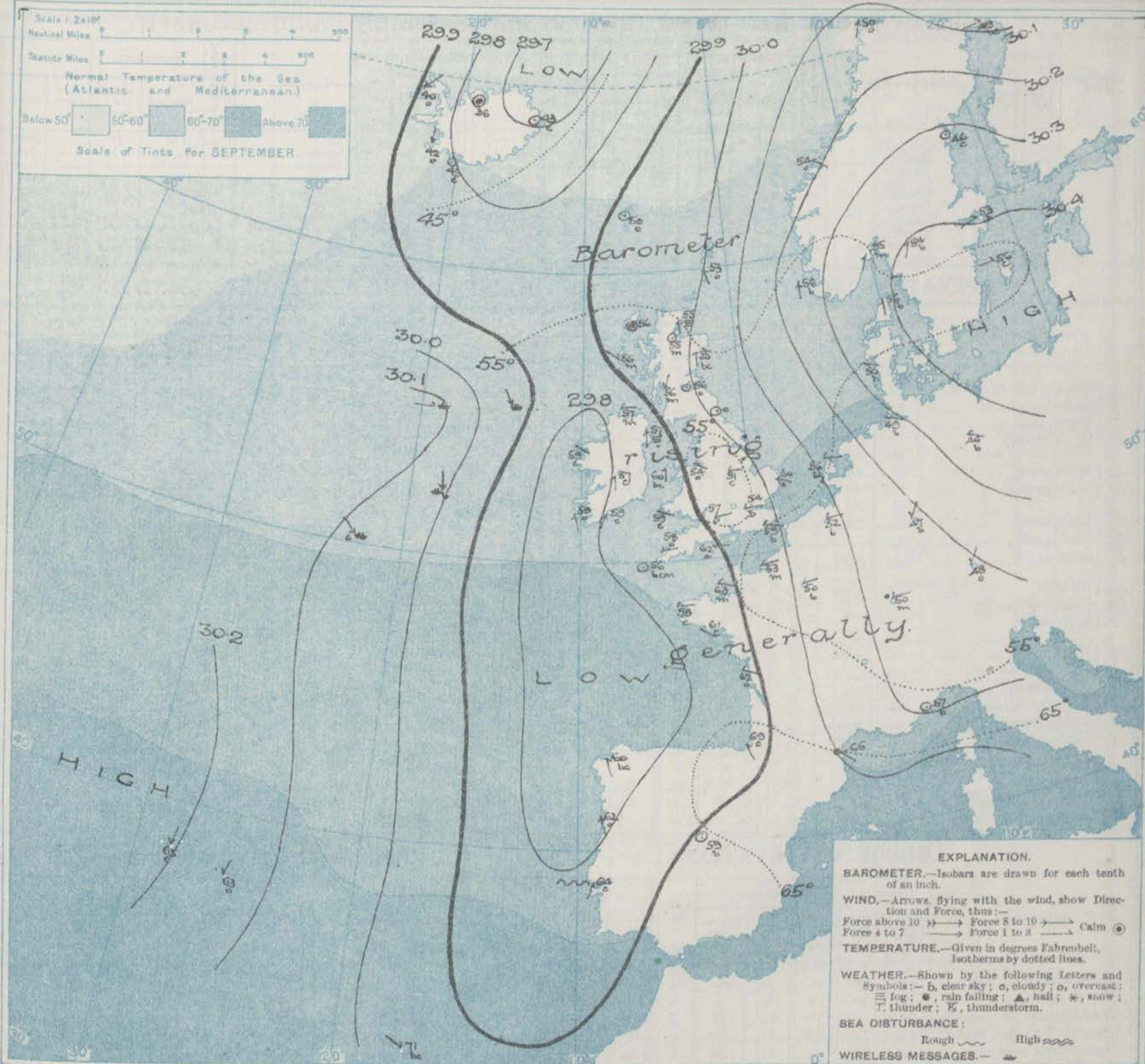
*None Issued.*

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. SUNDAY, 28<sup>TH</sup> SEPTEMBER 1913.



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

The central portion of a large anticyclone still lies over the Baltic and the south of Sweden and another high pressure system is situated over the Atlantic, to the westward of the 20th meridian. The barometer is lowest over Iceland but an elongated area of relatively low pressure extends from Ireland to the Portuguese coasts.

Light or moderate breezes from between East and South are reported over Western Europe generally, but in Sweden the wind is westerly. Calms prevail over Eastern and Central Ireland. Temperature has fallen over Central and Southern England and the neighbouring portions

of the Continent, but risen elsewhere. The morning readings range from 60° or a trifle above it on several parts of the English and Welsh coasts to between 51° and 54° over Central England. In Germany the readings are below 50°. The weather is fair or fine over Western Europe as a whole, but mist or fog prevails on several parts of our own northern coasts. Rain is falling at Stornoway. The sea is moderate on the south and east coasts of England, slight or smooth elsewhere.



## DAILY WEATHER REPORT.

Sunday, 28th September, 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, 7am.	44	5	Howe	O	In.	In.	(0-12).		f	27th, 7am.	44	30	Glynce	O	In.	In.	(0-12).		c
27th, 1pm.	44	33	Glynce	O	29.90	0.0	ENE	1-3	f		49	28	Glynce	O	30.01	+18	NNW	4-5	c
	50	21	Adriatic	O	29.15	-0.2	WSW	1-3	bc		49	28	Adriatic	O	30.03	+10	NNW	6-7	c
	55	18	Paragon	H	29.84	+1.0	NW	4-5	bc		50	22	Paragon	H	30.07	-0.2	NW	4-5	c
	44	16	Kronland	H	29.40	+1.4	W	4-5	bc		54	22	Kronland	H	29.60	-0.1	NNW	4-5	c
	51	15	Kronland	H	29.82	+0.4	NNW	6-7	c		49	20	Kronland	H	29.85	+0.5	NW	4-5	c
	51	14	Montezuma	O	29.90	-0.5	NNW	6-7	c		49	16	Montezuma	O	29.80	-0.4	NNW	1-3	c
	51	12	Montezuma	O	29.78	0.0	N	4-5	c		51	16	Montezuma	O	29.59	0.0	NNW	1-3	c
	55	11	Respiran	O	29.71	-0.7	ENE	4-5	c		51	13	Respiran	O	29.57	-0.2	SSW	4-5	c
1pm	50	10	Corinthian	O	29.83	0.0	S	4-5	bc		51	12	Corinthian	O	29.70	0.0	WSW	1-3	b

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.			Hr.	Margate	In.	F.	F.			Hr.
Oban	...	...	...	...	...	...	Ramsgate	...	...	...	...	...	...
Stonehaven	...	...	...	...	...	...	Folkestone	...	...	...	...	...	...
Carnoustie	0.02	58	50			0.0	Hythe	...	...	...	...	...	...
St. Andrews	...	...	...	...	...	...	Littlestone	...	...	...	...	...	...
England, N.E.	...	...	...	...	...	...	Hastings	...	...	...	...	...	...
Harrogate	0.01	74	57	m.b.c.	b.	4.6	Bexhill-on-Sea	...	...	...	...	...	...
Scarborough	...	...	...	...	...	...	Eastbourne	...	...	...	...	...	...
England, N.W.	...	...	...	...	...	...	Seaford	...	...	...	...	...	...
Douglas	...	...	...	...	...	...	Brighton	...	...	...	...	...	...
Blackpool	...	...	...	...	...	...	Worthing	...	...	...	...	...	...
Southport	0.69	73	58	o.c.	o.c.b.c.	0.1	Littlehampton						



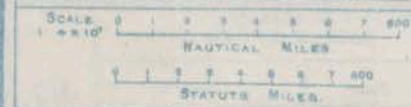
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday  
29th September 1913.

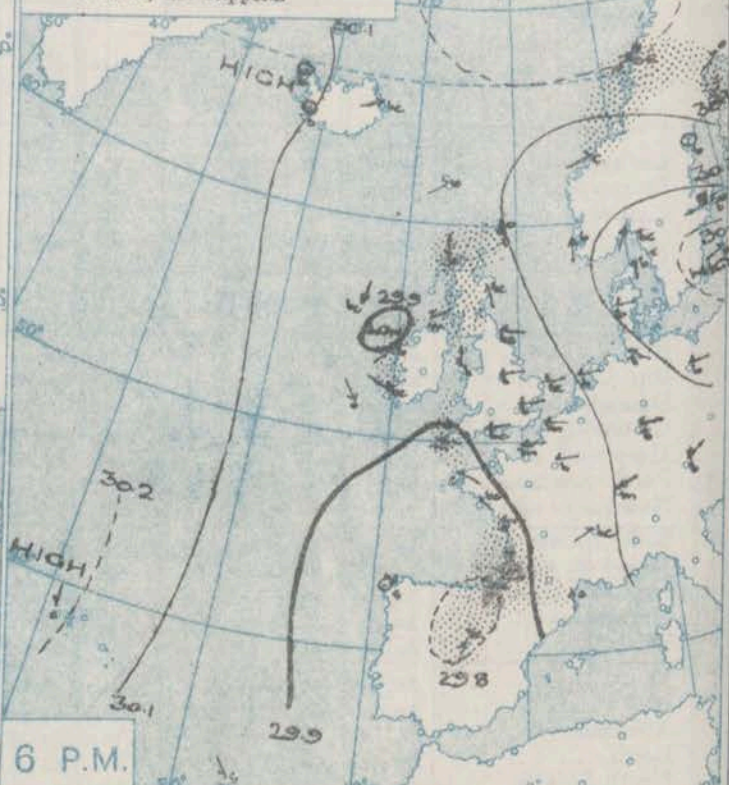
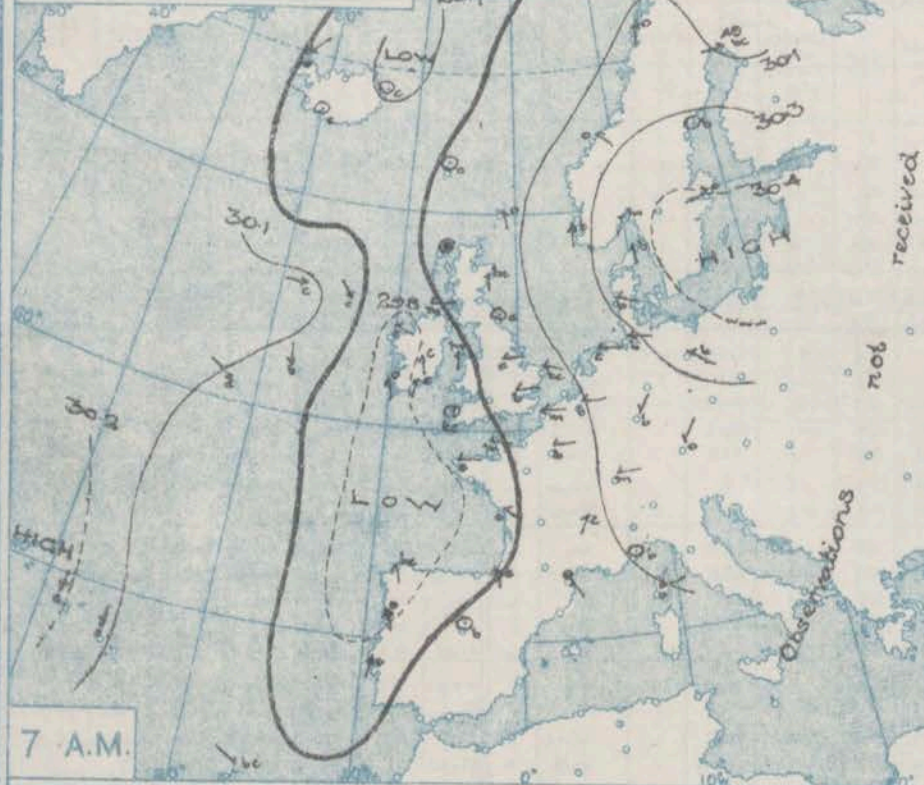
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.			Sun- shine for Yester- day.			
	At 22° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 22° 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.				
Lerwick ... ..	29.10	56	SE	2	o	30.24	+0.4	56	+3	SE	1	o	1	0.01	56	52	cm	mp	one	Hours			
Stornoway ... ..	29.06	57	M	2	o	30.21	+0.05	52	-4	NE	4	o	14	0.01	59	52	o	o	one	0.0			
Castlety (Barra Isd.)	29.98	60	ESE	2	bcm	30.14	+0.02	55	-1	SSW	2	cm	2	-	65	59	o.c.m	c.bcm	one	4.3			
Glasgow ... ..	30.01	62	NE	2	b	30.15	+0.1	52	-4	ENE	1	m	2	0.01	67	50	cm	b	one	5.1			
Malin Head ... ..	29.95	61	ENE	1	ogm.	30.10	+0.1	54	-3	E	1	m	1	0.01	64	50	bcm	one	one	5.1			
Blackod Point ... ..	29.90	62	SW	2	b	30.07	+0.1	56	-3	W	1	c	1	0.01	66	49	cg	b.c.b	one	5.1			
Valencia ... ..	29.92	59	NW	1	bc	30.00	+0.2	59	+1	E	2	+	3	0.10	65	50	o.c	c	one	2.6			
Roches Point ... ..	29.95	60	SE	2	bc	30.02	-	59	0	ENE	2	b	2	0.10	64	57	c	b	b.c.b	10.1			
Birr Castle ... ..	29.93	65	S	1	b	30.03	-	53	-4	NW	1	b	2	-	71	51	bc	b	one	10.1			
Donaghadee ... ..	29.98	59	S	2	m	30.09	+0.2	57	0	NW	1	b	1	0.01	62	53	bcm	bcm	one	8.0			
Liverpool Obsy. ... ..	29.99	64	ESE	2	bc	30.08	+0.02	55	+1	ESE	2	o	2	-	68	52	bcm	b	one	8.0			
Holyhead ... ..	29.97	60	N	1	b	30.02	+0.1	57	-3	NE	1	bcm	0	0.01	68	56	b.c.b	b.c.b	one	8.7			
Pembroke (St. Ann's Hd.)	29.93	62	SE	2	c	29.99	+0.1	57	-2	E	2	bcm	1	0.02	69	56	cm	one	one	1.8			
Newquay ... ..	29.90	61	SE	1	or	29.95	+0.1	60	+2	E	2	bcm	2	0.01	68	56	b.c.b	c.b	one	3.0			
Scully (St. Mary's) ... ..	29.96	59	ESE	4	m	29.92	-0.0	58	+2	ESE	4	m	3	0.01	63	58	f	cm	mp	3.7			
Jersey (St. Aubin) ... ..	29.91	67	ESE	2	og	29.97	-	59	-4	ESE	1	bcm	0	0.01	71	56	cop	og	b.c.b	2.7			
Portland Bill ... ..	29.92	62	E	4	bc	29.97	+0.2	58	-4	NE	3	f	4	-	66	53	bc	c	b.c.b	10.0			
Dungeness ... ..	29.92	63	ENE	4	b	30.02	+0.1	59	0	ENE	3	b	3	-	66	57	b	b	b.c.b	10.0			
Dover ... ..	30.00	62	NE	4	b	30.04	-	56	0	S	1	b	4	0.01	67	53	b	b	b.c.b	10.0			
Wick ... ..	30.02	58	SE	4	bc	30.10	+0.4	52	-3	NW	1	f	3	0.02	67	46	f	cm	mp	10.0			
Nairn ... ..	30.01	54	-	0	m	30.16	-	61	-4	-	0	m	1	0.01	61	42	m	bcm	m	0.7			
Aberdeen ... ..	30.09	57	SE	3	bc	30.18	+0.02	54	-1	SE	1	one	3	-	62	50	one	b	b.c.b	2.6			
Leith ... ..	30.08	60	ENE	1	b	30.13	+0.04	54	-2	ENE	1	one	2	0.01	72	53	c.b	b	b	7.4			
North Shields ... ..	30.03	58	ESE	2	bc	30.15	+0.02	54	-2	ESE	3	o	3	-	64	53	bc	b	o	7.4			
Spurn Head ... ..	30.02	60	SE	5	bc	30.07	-0.0	59	-1	ESE	3	b	3	0.01	68	52	c	c	b	8.3			
Yarmouth ... ..	30.05	61	E	2	bc	30.10	-0.0	59	-1	NE	3	b	3	-	68	58	bcm	bcm	bcm	9.2			
Clacton-on-Sea ... ..	30.02	62	ESE	2	b	30.06	+0.1	60	+1	ESE	2	b	2	-	64	59	b	b	b.c.b	9.3			
Nottingham ... ..	30.00	62	E	2	b	30.10	-	52	+1	ENE	2	f	2	-	70	47	c.b	b	b.c.b	9.3			
Bath ... ..	29.93	66	SE	-	b	30.05	-	53	-4	NE	1	b	1	-	74	53	c.b	b	b.c.b	4.8			
London (Kew Obsy.) ... ..	30.00	62	E	3	bcm	30.06	+0.1	55	+1	NE	2	f	2	-	74	53	bcm	b	b.c.b	9.7			
Spitzbergen ... ..	29.97	30	-	0	s	29.92	-0.1	32	+1	SE	2	s	2	-	32	28	-	-	-	-			
Isafjord ... ..	30.11	44	-	0	b	30.15	-	39	-1	-	0	b	2	-	-	-	-	-	-	-			
Reykjavik ... ..	30.11	49	-	0	b	30.20	+0.4	41	-1	E	3	c	2	-	-	-	-	-	-	-			
Vestmanna ... ..	30.05	45	-	0	b	30.30	+0.3	42	-1	S	1	b	0	-	-	-	-	-	-	-			
Seydisfjord ... ..	30.02	46	WSW	4	bc	30.34	+0.4	41	-2	-	0	b	0	-	-	-	-	-	-	-			
Thorshavn ... ..	30.09	51	SW	3	o	30.35	+0.7	46	-4	ENE	1	o	2	-	-	-	-	-	-	-			
Haparanda ... ..	30.09	51	SW	2	o	29.98	-0.08	52	+3	W	4	+	2	0.08	59	39	-	-	-	-			
Hernösand ... ..	30.21	50	-	0	b	30.12	-	47	+1	-	0	b	2	-	61	43	-	-	-	-			
Stockholm ... ..	30.36	50	WSW	2	b	30.28	-0.03	51	-2	WSW	4	b	2	0.01	59	46	-	-	-	-			
Wisby ... ..	30.43	51	SW	2	b	30.38	-0.02	53	-3	WSW	4	b	2	-	57	48	-	-	-	-			
Karlstad ... ..	30.39	51	-	0	b	30.34	-0.04	50	-4	-	0	c	2	-	59	41	-	-	-	-			
Færder (X'tania Fjord)	30.39	55	SW	2	b	30.35	-0.01	53	-2	WSW	2	a	1	-	55	32	-	-	-	-			
Bodø ... ..	29.99	50	SW	4	+	29.94	-0.01	47	-3	SW	4	c	3	0.03	50	42	-	-	-	-			
Christiansund ... ..	30.16	57	SW	2	c	30.23	+0.1	53	-1	WSW	4	+	3	0.12	62	59	-	-	-	-			
Skudesnaes ... ..	30.28	58	S	6	b	30.32	+0.01	54	-2	ESE	2	b	3	-	59	32	-	-	-	-			
The Scaw (Skagen) ... ..	30.29	56	S	3	b	30.32	-0.01	54	-2	SSW	1	b	0	-	59	45	-	-	-	-			
Blaavands Huk ... ..	30.31	53	ESE	3	b	30.32	-0.1	44	-6	ESE	1	b	1	-	62	41	-	-	-	-			
Cuxhaven ... ..	30.25	56	SE	3	b	30.25	-0.0	46	-3	ESE	3	b	0	-	63	46	-	-	-	-			
The Helder ... ..	30.15	60	E	2	b	30.16	+0.1	54	-2	E	2	b	1	-	64	54	-	-	-	-			
Brussels ... ..	30.07	57	SE	3	b	30.08	-0.0	52	+1	ESE	1	b	2	-	68	46	-	-	-	-			
Berlin ... ..	30.33	54	E	1	b	30.32	+0.1	46	0	E	3	b	2	-	64	48	-	-	-	-			
Frankfurt ... ..	30.12	59	E	1	b	30.15	+0.2	50	+3	NE	1	b	2	-	68	47	-	-	-	-			
Munich ... ..	30.12	52	NE	3	b	30.17	+0.1	47	-1	SW	2	f	2	-	61	41	-	-	-	-			
C. Gris Nez ... ..	30.00	64	ESE	2	m	29.04	+0.2	56	+4	SE	1	m	0	-	73	51	-	-	-	-			
La Hève ... ..	29.95	65	E	4	m	29.97	-	56	+3	E	4	m	3	-	72	39	-	-	-	-			
Brest (St. Mathieu) ... ..	29.84	64	SE	3	c	29.89	+0.1	63	+5	E	3	c	2	-	70	58	-	-	-	-			
Lorient (Rec Melen) ... ..	29.79	64	SE	3	b	29.87	-	60	-1	E	4	b	2	-	68	59	-	-	-	-			
Rochefort (Ile d'Atx) ... ..	29.88	66	ESE	3	o	29.85	-0.02	59	-3	E	4	c	2	-	70	57	-	-	-	-			
Biarritz ... ..	29.81	72	E	3	c	29.78	+0.1	66	-3	SE	3	c	0	0.16	77	61	-	-	-	-			
Paris ... ..	29.99	61	E	2	b	30.03	+0.1	53	+3	E	1	b	2	-									



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



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



## GENERAL INFERENCE

The new high pressure system which has appeared over the Iceland-Faroe region is likely to spread southwards, and to occasion fair weather over the greater part of the United Kingdom.

## WEATHER PROSPECTS.

The Easterly and North-easterly winds will be accompanied by an extension of cooler weather from the northern portions of the Continent.

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

0 {  
a  
b  
Variable or light Easterly air; fair generally, but misty or foggy in places. Ground frost inland tonight.

1 {

2 {  
a  
b  
Light to moderate Easterly

3 {  
a  
b  
or North-easterly winds; fair

4 {  
a  
b  
generally, but mist or fog locally

5 {  
a  
b  
at night; cooler.

### 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 Nos. 0 & 1.

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

8 {  
a  
b

9 {  
a  
b  
Same as Nos. 0 & 1.

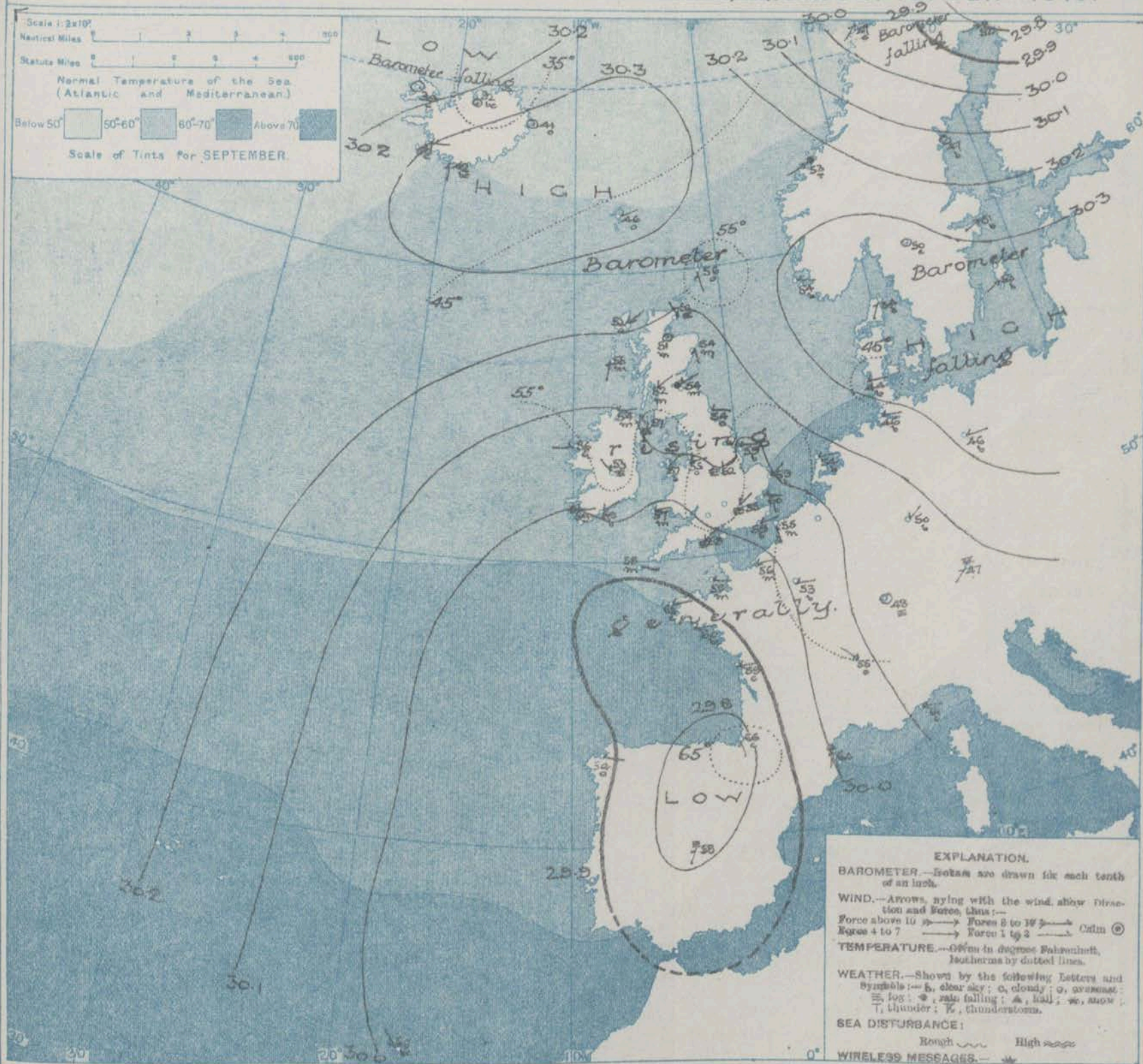
10 {  
a  
b

11 WESTERN MANNEBAY Easterly winds, and a slight or moderate sea; fair generally, but slight showers locally; cooler.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. MONDAY, 29<sup>TH</sup> SEPTEMBER 1913.



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

An anticyclone still lies over the Baltic, Denmark and the south of Sweden, and another high pressure system has appeared over the Iceland-Faroe region. A shallow area of low readings is situated over the Spanish Peninsula, but the barometer is at present rising over most parts of our area of observation.

The wind is light to moderate from the Eastward or North-Eastward over Western Europe as a whole, but is Westerly or South-Westerly in Scandinavia. Calms or light variable breezes prevail in Ireland. Temperature has fallen in most places. On the south and east coasts of our Islands the thermometer ranges

between 58° and 60°, but at our northern and central stations it is below 55°. The Continental values range from 66° at Biarritz, and 61° at Nice to 46° at Berlin and Cuxhaven, and 44° at Bleikvandsbuk. The weather is fair or fine generally, but fog or mist prevails at several of our own northern and central stations. Rain is falling at Leith and Valencia, as well as in some parts of Scandinavia.



## DAILY WEATHER REPORT.

Monday, 24th September, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward or Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward or Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
29th 7 a.m.	49	11	<i>Underland</i>	O	29.93	+0.2	-	0	f.	29th 7 a.m.	50	22	<i>Adriatic</i>	H	30.06	+0.1	NW	4-5	c.
29th 6 p.m.	56	13	<i>Megantic</i>	O	30.04	+1.2	NNE	4-5	b.	"	56	17	<i>Keoparian</i>	O	30.12	-0.5	W	4-5	c.
"	51	12	<i>Campana</i>	O	30.07	+0.1	NNW	4-5	o.	"	52	17	<i>Montezuma</i>	O	30.02	+1.1	N	6-7	b.
"	49	9	<i>Waco York</i>	O	29.98	0.0	ESE	4-5	o.	"	55	13	<i>Parisian</i>	H	29.99	+0.7	NNW	4-5	b.
"	55	8	<i>Parisian</i>	H	29.97	+0.8	ENE	1-2	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	In.	F.	F.			Hr.	England, S.E.	In.	F.	F.			Hr.
Oban ...	-	61	53	m.	b.	3.2	Margate ...	-	66	54	b.	b.	9.7
Stonehaven ...	-	61	53	m.	b.	3.2	Ramsgate ...	-	65	52	b.	b.	8.5
Carnoustie ...	-	61	53	m.	b.	6.8	Folkestone ...	-	66	54	b.	b.	9.3
St. Andrews ...	-	61	53	m.	b.	6.8	Hythe ...	-	66	54	b.	b.	9.3
England, N.E.							Littlestone ...	-	68	56	b.	b.	10.0
Harrogate ...	-	68	47	b.c.	b.	7.1	Hastings ...	-	68	56	b.	b.	9.6
Scarborough ...	-	61	55	c.b.	b.	8.2	Bexhill-on-Sea ...	-	67	57	b.c.	b.	9.5
England, N.W.							Eastbourne ...	-	65	58	b.c.	b.	9.5
Douglas ...	-	71	52	c.	b.c.	9.1	Seaford ...	-	71	56	b.c.	b.	10.2
Blackpool ...	-	71	52	b.	b.c.	5.7	Brighton ...	-	67	58	b.c.	b.	8.4
Southport ...	-	71	52	b.	b.c.	5.7	Worthing ...	-	67	58	b.c.	b.	7.3
Mid-lands.							Littlehampton ...	-	65	56	b.c.	b.	6.0
Buxton ...	-	67	47	b.	b.	7.0	Southsea ...	-	65	56	b.c.	b.	7.3
Leamington Spa ...	-	72	50	b.	b.	9.0	Ryde ...	-	69	59	b.	b.	5.0
Malvern ...	-	72	50	b.	b.	9.0	Ventnor ...	-	66	58	b.c.	b.	6.5
Wales.							Bournemouth ...	-	68	61	b.c.	b.c.	5.3
Rhyl ...	-	72	55	b.	b.	9.6	Weymouth ...	-	65	61	b.c.	b.c.	4.7
Colwyn Bay ...	-	73	57	b.	b.c.	7.0	Exmouth ...	-	65	61	b.c.	b.c.	4.7
Llandudno ...	-	73	58	b.	b.c.	8.6	Teignmouth ...	-	68	60	b.	b.c.	4.7
Bettws-y-Coed ...	-	69	61	c.	b.	1.5	Torquay ...	-	62	56	c.o.	ot.	0.8
Aberystwyth ...	-	69	61	c.	b.	1.5	Paignton ...	-	73	59	b.c.	b.c.	4.0
England, E.							Falmouth ...	0.27	62	56	c.o.	ot.	0.8
Lowestoft ...	-	64	58	b.	b.	10.0	Bude ...	-	73	59	b.c.	b.c.	3.7
Felixstowe ...	-	64	59	b.m.	b.m.	10.3	Ilfracombe ...	-	66	60	b.c.	b.c.	2.5
Walton-on-Naze ...	-	63	58	b.m.	b.m.	9.7	Weston-super-Mare ...	-	71	56	b.c.	b.c.	2.5
Southend-on-Sea ...	-	67	56	b.	b.	9.0							

## 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.		Forenoon.	Afternoon.	Night.	
Greenwich (Royal Obs.) ...	65	99	71	49	37	b	b	b.c.	10.1
City (Bunhill Row) ...	"	"	"	"	"	"	"	"	8.5
Westminster (St. James's Pl.)	49	-	71	54	34	b	b	b.c.	9.4
Camden Sq. (Brit. Rainfall)	-	92	72	52	45	b	b	b.c.	8.1
Hampstead (Reservoir) ...	"	99	69	52	44	b.c.	om	cf	9.6
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.)		89	104.2 Joules.		25.7 Milliwatts.		45 Milliwatts.		9.2

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

24th Sept. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 5.51 S. 5.52	G.M.T. 11.43 S. 11.43	G.M.T. 5.35 S. 5.33
Greenwich ...	5.54 6.0	11.50 11.50	5.42 5.40
Wick ...	6.14 6.17	12.2 12.2	5.30 5.27
Valencia ...	6.29 6.41	12.21 12.31	6.23 6.21

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 70° or slightly above it in several parts of the United Kingdom, and reached 75° at Rhyl. Between 9 and 10 hours of bright sunshine were recorded at several of our Central and southern stations. Rain was experienced locally in the west, and thunder was heard at Newquay. Wireless reports show that between the 13th and 22nd meridians ships experienced fresh to strong breezes from the N.W. or N.W.W., 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; 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.



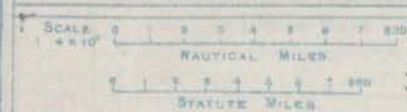
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,  
22d September, 1913.

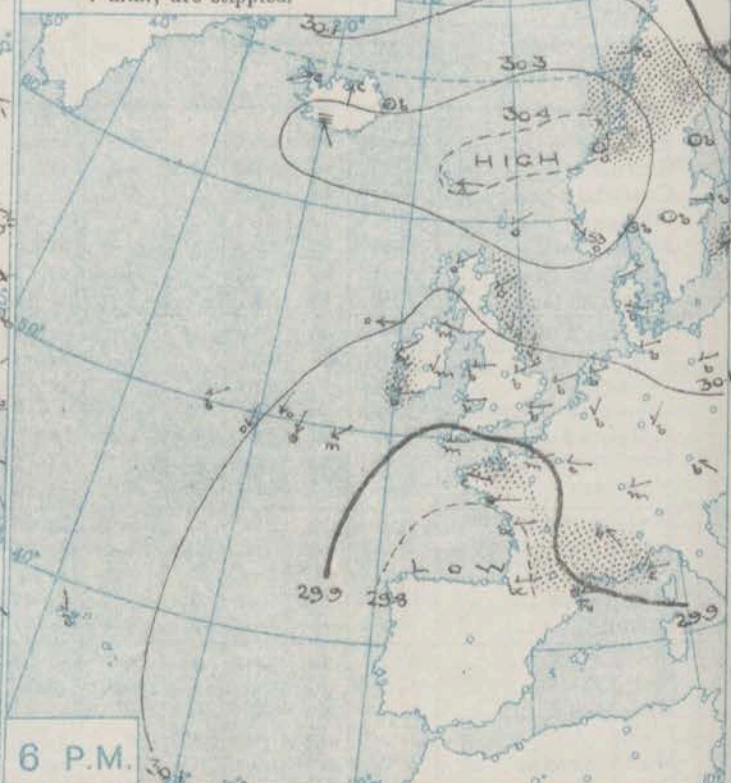
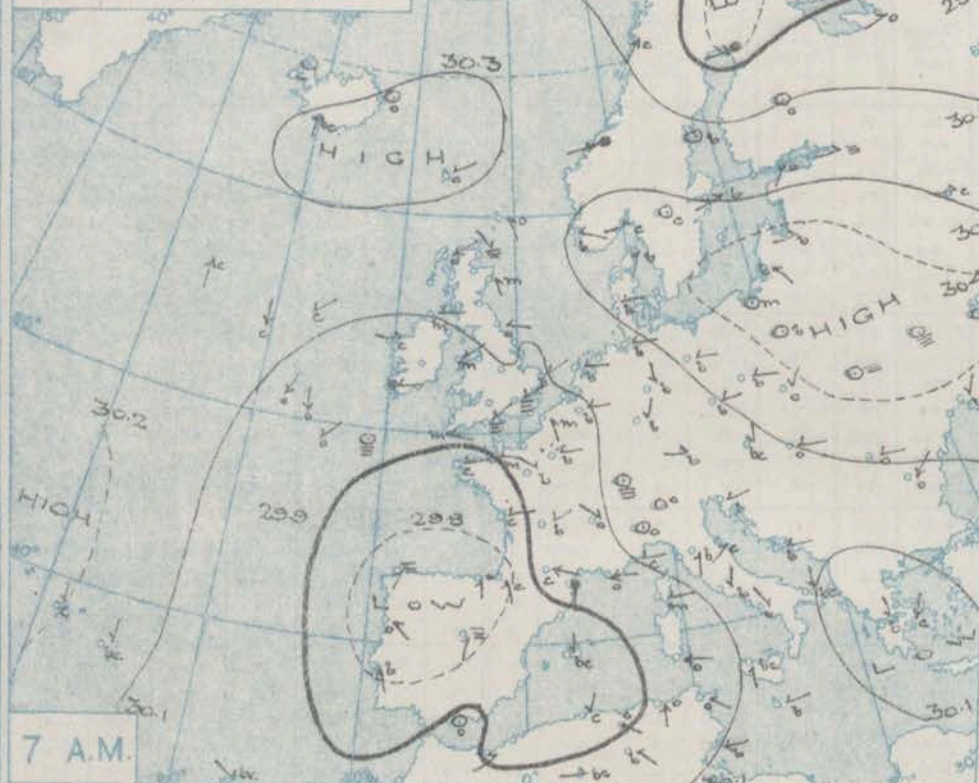
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.						
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.			Morn'g. 7 a.m. to 1 p.m.	Aftern. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.							
	At 32° Fahr. and M.S.L. Lat. 45°.		Dry Bulb.		Direc.		At 32° Fahr. and M.S.L. Lat. 45°.		Dry Bulb.		Direc.				Max.		Morn'g. 7 a.m. to 1 p.m.												
	In.	F.	Direc.	Force (0 to 12).	Weather.	In.	In.	F.	Direc.	Force (0 to 12).	Weather.	In.		F.	F.	Morn'g. 7 a.m. to 1 p.m.													
BRITISH ISLANDS.	Lerwick ...	30.33	53	ENE	3	o	30.35	51	-5	ENE	3	o	2	-	56	50	cm	om	om	om	om	om	om	Hours					
	Stornoway ...	30.19	54	ENE	4	om	30.22	41	-11	SE	1	b	1	-	55	41	om	om	bc	bc	bc	bc	0.0						
	Castlebay (Barra Isd.)	30.10	59	MNE	4	bm	30.17	53	-2	ENE	3	bc	3	-	61	50	bc	bc	bc	bc	bc	bc	6.7						
	Glasgow ...	30.16	54	ENE	4	bc	30.18	52	0	NE	3	bc	3	-	56	50	no	o	bc	bc	bc	bc	2.0						
	Malin Head ...	30.08	55	ESE	1	m	30.11	52	-2	ESE	2	m	1	-	59	41	om	om	bc	bc	bc	bc	0						
	Blacksod Point ...	30.04	60	NE	2	bc	30.05	55	-1	E	1	bc	1	trace	64	54	bc	bc	bc	bc	bc	bc	0						
	Valencia ...	29.96	66	E	2	bc	29.97	50	-9	ENE	1	bm	3	0.02	70	49	bc	bc	bc	bc	bc	bc	7.1						
	Roche's Point ...	29.99	61	NE	1	c	29.99	57	-2	NE	2	o	2	-	67	56	bc	bc	bc	bc	bc	bc	0						
	Birr Castle ...	29.99	61	MNE	1	m	30.02	55	+2	NE	2	m	2	-	64	49	f	bc	bc	bc	bc	bc	2.3						
	Donaghadee ...	30.09	56	MNE	1	bc	30.09	58	+1	E	3	bc	3	-	59	56	bc	bc	bc	bc	bc	bc	6.7						
	Liverpool Obsy. ...	30.05	61	SE	1	b	30.06	53	-2	ENE	3	bc	2	-	65	52	bc	bc	bc	bc	bc	bc	0						
	Holyhead ...	30.00	62	E	3	bm	30.03	55	-2	E	4	bm	4	trace	68	55	bc	bc	bc	bc	bc	bc	8.7						
	Pembroke (St. Ann's Hd.)	29.96	59	E	2	b	29.94	54	-3	NE	4	bm	2	trace	66	53	bc	bc	bc	bc	bc	bc	7.3						
	Newquay ...	29.91	61	N	2	bm	29.87	55	-5	-	0	bm	2	trace	68	54	bc	bc	bc	bc	bc	bc	8.0						
	Scilly (St. Mary's) ...	29.88	59	E	3	m	29.85	56	-2	E	3	bc	3	-	61	55	f	bc	bc	bc	bc	bc	0.0						
	Jersey (St. Aubin) ...	29.88	68	NE	4	bm	29.84	59	0	ENE	4	cm	3	0.04	76	55	bc	bc	bc	bc	bc	bc	9.6						
ICELAND, FAEROE, &c.	Portland Bill ...	29.95	61	ENE	3	bc	29.89	58	0	NE	5	c	4	-	63	55	f	bc	bc	bc	bc	bc	0						
	Dungeness ...	29.97	61	MNE	4	b	29.92	60	+1	ENE	5	bc	3	-	65	58	f	bc	bc	bc	bc	bc	0						
	Dover ...	29.98	58	MNE	3	b	29.93	59	+3	NE	2	b	3	0.01	67	55	og	bc	bc	bc	bc	bc	9.8						
	Wick ...	30.27	54	ENE	3	o	30.28	53	+1	E	3	cm	4	0.01	54	51	found	om	om	om	om	om	0						
	Nairn ...	30.21	54	-	0	m	30.24	45	-6	-	0	bc	1	-	56	38	fe	m	w	bc	bc	bc	0.0						
	Aberdeen ...	30.24	54	NE	2	o	30.26	53	-1	ENE	2	o	2	trace	57	52	ond	o	o	o	o	o	0.0						
	Leith ...	30.17	55	NE	3	o	30.18	55	+1	ENE	3	og	3	trace	58	53	ond	o	o	o	o	o	0.4						
	North Shields ...	30.16	57	MNE	1	o	30.16	55	+1	NE	2	c	3	0.01	60	54	o	o	o	o	o	o	0.4						
	Spurn Head ...	30.08	59	E	3	b	30.04	59	0	ENE	4	cm	4	0.01	68	53	bc	bc	bc	bc	bc	bc	8.0						
	Yarmouth ...	30.05	60	ENE	3	b	30.01	59	0	ENE	3	bc	3	0.01	64	58	bc	bc	bc	bc	bc	bc	9.6						
	Clacton-on-Sea ...	30.01	61	MNE	2	b	29.97	56	-4	MNE	1	b	2	trace	64	55	bc	bc	bc	bc	bc	bc	8.7						
	Nottingham ...	30.04	59	ENE	3	b	30.04	56	+4	NE	3	cm	3	-	66	52	f	bc	bc	bc	bc	bc	4.0						
	Bath ...	29.99	61	ENE	4	o	29.97	55	+2	E	3	o	3	-	65	52	m	o	o	o	o	o							



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 29TH SEPT



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 the Bay region is inclined to spread northwards, and will probably occasion local showers over our southern districts. In other parts of the United

Kingdom the weather will remain for the present under the influence of the large anticyclone in the north.

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

- 0 {  
a } Light to moderate Easterly  
b } and North-Easterly winds, and  
1 } fair, cool weather.  
2 {  
a }  
b }  
3 } Easterly and North-Easterly  
4 {  
a } winds, freshening; fair at first,  
b } some showers later; cool.  
5 }

### 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 } Light to moderate Easterly  
b } winds, and fair, cool weather.  
7 {  
a }  
b }  
8 {  
a } Same as Nos. 3 to 5.  
b }  
9 {  
a }  
b } Same as Nos 6 and 7.  
10 {  
a }  
b }

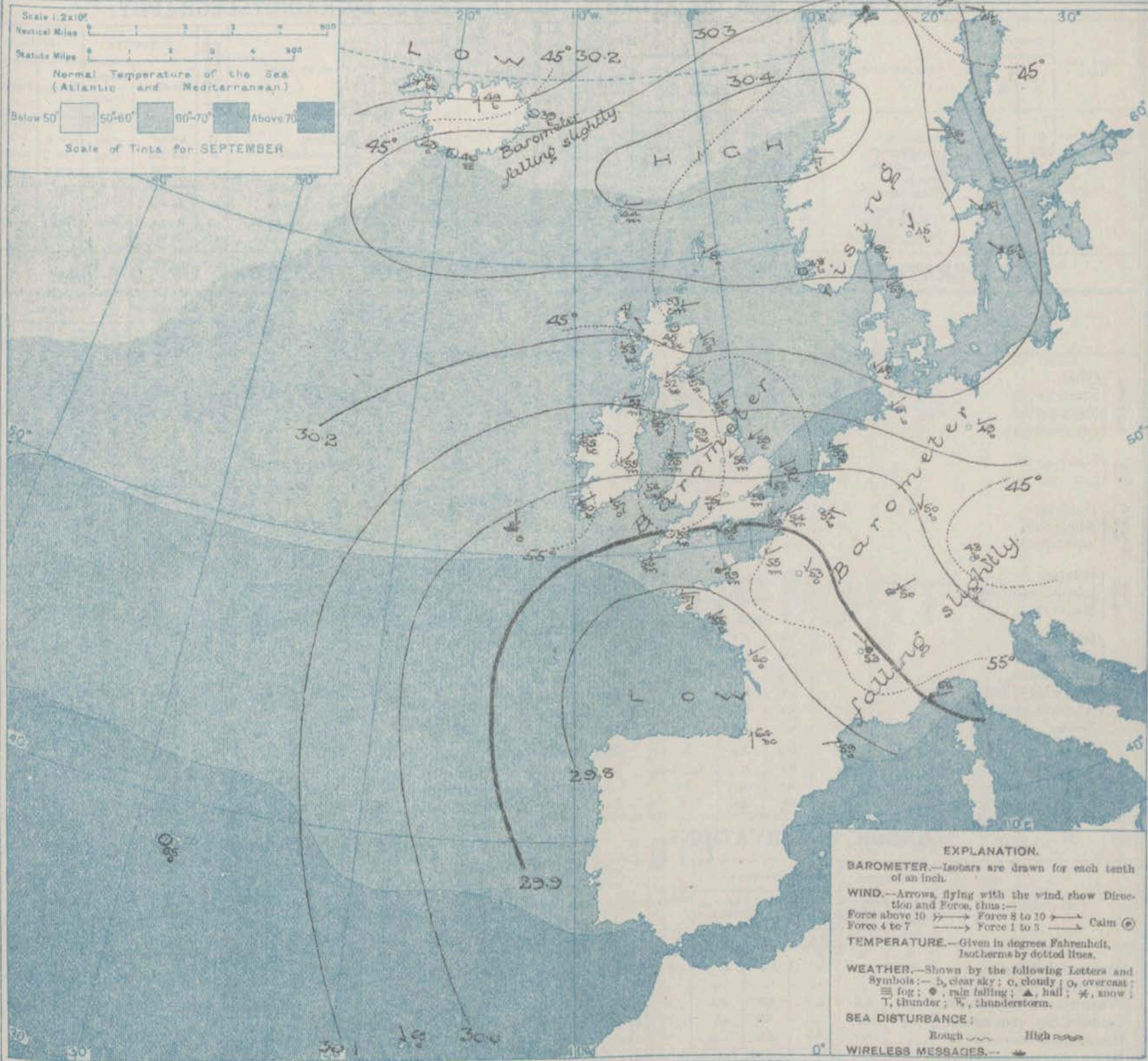
### 11 WESTERN CHANNEL AND BAY.

Moderate to fresh Easterly and North-Easterly winds, and a moderate sea; mostly fair, but misty showers locally; cool.

THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. TUESDAY, 30 SEPTEMBER 1913.



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

The large anticyclone in the north maintains its position. The depression noticed yesterday over Spain has advanced northwards over the Bay of Biscay and the west of France, and the gradient for Easterly winds has, therefore, become rather steeper.

Easterly or North Easterly winds continue to prevail over Western Europe generally, and in the Channel they are inclined to freshen. Over Northern Ireland the wind is Southerly or South Easterly, while in Sweden it is North Easterly. Temperature has changed rather irregularly, but the general tendency has been for a slight decrease over the United Kingdom.

The readings range from between 58° and 60° on the east and south east coast of England to 45° at Harby and 41° at Stromway. The weather is fair or fine over Western Europe generally, but showers are falling at Jersey, & steady rain in the south of France. The sea is slight to smooth generally.



## DAILY WEATHER REPORT.

Tuesday, 30th September 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. Inward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. Inward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
30th 7 a.m.	51	14	Arabic	H	29.98	-0.1	NNE	1-3	0	29th 7 a.m.	50	24	Arabic	H	29.21	-0.1	NNE	1-3	c
29th 6 p.m.	50	24	Campania	O	30.21	+0.0	NE	1-3	b.	"	54	21	Columbia	O	30.38	+0.2	N	4-5	c
"	49	20	New York	H	30.12	+0.2	NNE	4-5	0	"	56	18	Victorian	H	30.29	+0.1	ENE	4-5	c
"	50	19	Arabic	O	30.06	-0.3	NNE	4-5	0	"	51	18	Campania	O	30.26	+0.4	NE	6-7	0
"	49	18	Minnehaha	O	30.04	-0.0	NNE	6-7	T	"	50	16	New York	O	30.00	+0.3	N	6-7	0
"	49	15	Vaderland	H	29.98	+0.1	NE	4-5	m.	"	49	14	Minnehaha	O	30.02	+0.1	NE	4-5	0
"	55	12	Victorian	H	30.15	-0.1	E	4-5	0										
"	56	27	Hesperian	O	30.21	-0.3	SSW	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.	b.	b.	8.2	England, S.E.	Margate	In.	F.	F.	b.	b.	9.3
	Stonehaven	0.01	57	53	of g.	03.	0.0		Ramsgate	64	55	b.	b.	9.0	
	Carnoustie	0.01	58	52	"	"	0.0		Folkestone	64	56	b.	b.	8.9	
	St. Andrews	"	58	46	0	0.	0.0		Hythe	67	55	b. bc.	b. bc.	8.5	
Eng. N.E.	Harrogate	"	64	53	o. c. bc.	b.	4.2	England, S.E.	Littlestone	"	"	"	"	8.5	
	Scarborough	"	63	55	of	a. b.	2.8		Hastings	68	56	b.	b.	8.7	
England, N.W.	Douglas	"	66	50	c.	b. c.	9.3	England, S.E.	Bexhill-on-Sea	68	57	b.	b. bc.	8.5	
	Blackpool	"	66	51	b. bc.	b. c.	7.4		Eastbourne	67	58	o. bc.	b. bc.	7.1	
	Southport	"	66	51	b. bc.	b. c.	7.4		Seaford	68	46	b.	b.	7.6	
Mid-lands.	Buxton	"	61	47	b.	b. c.	2.8	England, S.E.	Brighton	72	56	b. bc. b.	b. c.	7.7	
	Leamington Spa	"	61	49	0	b. c.	0.8		Worthing	69	56	b.	b.	7.7	
	Malvern	"	"	"	"	"	0.0		Littlehampton	"	"	"	"	6.7	
Wales.	Rhyl	"	70	51	b.	b. c.	7.2	England, S.W.	Southsea	70	55	o. bc.	b.	6.5	
	Colwyn Bay	"	68	52	b.	b. bc.	6.5		Ryde	66	59	m.	b. c.	4.5	
	Llandudno	"	67	54	b.	b.	6.4		Ventnor	65	59	"	"	5.3	
	Bettws-y-Coed	"	65	55	b. bc.	b. c.	4.5		Bournemouth	69	52	w. o.	c. bc.	4.7	
England, E.	Aberystwyth	"	67	54	c. b.	b. c.	9.2	England, S.W.	Weymouth	66	57	ome. bc.	b. c.	2.2	
	Tenby	"	65	59	b.	b. bc.	7.8		Exmouth	66	54	b. c.	0	0.1	
	Lowestoft	"	64	58	b.	b.	10.2		Teignmouth	64	57	"	0	0.0	
	Felixstowe	"	63	59	b. c. m.	b. m.	10.0		Torquay	64	58	0	0	0.1	
England, E.	Walton-on-Naze	"	63	59	b. m.	b. m.	9.0	England, S.W.	Paignton	63	58	of	0	0.0	
	Southend-on-Sea	"	67	50	b.	b.	8.2		Falmouth	62	56	o. c.	0	0.0	
								England, S.W.	Bude	66	57	o. bc. b.	b.	6.9	
									Ilfracombe	"	56	3. b.	b. c.	4.0	
									Weston-super-Mare	62	53	m. o.	om.	0.0	

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.			Sunshine for Yesterday.
	1 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.	
	%	%	Max.	Min.		24 HOURS ENDED 9 A.M. TO-DAY.			
			F.	F.	In.	Forenoon.	Afternoon.	Night.	Hr.
Greenwich (Royal Obs.)	62	93	69	53	4.7	b.	b.	b. o. of	7.9
City (Banhill Row)	"	"	"	"	"	"	"	"	5.1
Westminster (St. James's Pl.)	73	95	69	55	5.3	b.	b.	b. c.	6.0
Camden Sq. (Brit. Rainfall)	64	88	73	52	4.7	b. c.	b.		







# 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.		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).		At 32° Fahr. and M.S.L. Lat. 45°.	Change since 6 a.m.	Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).				Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aft'n'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
		In.	"				In.	In.	"	"					In.	"	"					
1st	Sanguinaire	3001	72	W	4	m	2996		73	-1	S	3	f	2	-	84	66					
"	Lisbon	3012	66	WNW	3	b	3000	+02	68	+2	SSW	1	o	2	-	75	64					
"	Funchal	3028	69	NW	2	o	3009	+01	65	0	NW	2	r	2	trace	75	64					
2nd	Brussels	3006	61	NE	1	g	3008	00	59	+2	-	0	b	-	-	72	52					
4th	Lisbon	3006	72	WSW	1	bc	3009	+02	67	0	SW	1	c	5	-	72	64					
5th	Lisbon	3018	66	WNW	3	b	3013	+03	66	-1	N	3	b	2	-	75	61					
7th	Faerder	3043	61	NE	1	b	3046		54	+1	NNE	2	b	1	-							
"	The Helder	3033	61	NE	6	b	3036	+03	58	-2	NE	4	b	2	-	64	57					
8th	Lorient	?	64	NE	5	c	?		60	-1	NE	6	o	4	-	68	57					
9th	Lorient	?	64	NE	5	bc	3020		57	-3	NE	3	c	3	-	68	55					
"	Lisbon	2992	69	WNW	4	bc	2996	+06	69	+3	NE	4	b	5	-	79	66					
12th	Hartstad	2976	54	SW	2	b	2975	00	58	+6	SW	2	o	-	-	63	50					
"	Nice	2981	74	SE	3	c	2988	+02	64	-5	-	0	c	4	0.47	82	57					
"	Lisbon	2986	70	NNW	4	b	2986	+02	68	+3	W	2	c	2	-	70	64					
14th	Christiansund	2976	51	-	0	o	2982	+01	49	-4	ESE	1	b	3	0.04	53	48					
15th	Malin Head						2933	+08	53	+5	SE	8	c	7	0.56	55	48	ogf	om	ogf		
"	Vestmanna						3034	00	34	-3	-	0	b	0	-							
16th	Sanguinaire	2987	69	S	2	m	2991		73	0	S	2	o	4	0.63	75	61					
18th	Blackod Pt.						2985	+01	53	-3	ESE	1	o	1	0.02	60	47	bcw	bcw	bump		
"	Lorient	?	60	NE	4	o	2987		54	-3	WSW	2	b	2	-	66	54					
"	Nice	2980	58	NE	1	o	2983	+04	55	-3	NE	3	c	4	0.63	70	52					
19th	Blackod Point	2986	57	SSW	2	o	2977	+04	54	+1	W	1	c	1	0.17	58	52	og	og	og ob		
20th	Funchal	3013	77	NE	3	bc	3014	+01	71	+2	NE	3	bc	3	-	77	64					
23rd	Bouenna	3011	69	WNW	3	b	2999	00	57	-1	E	1	f	2	-	75	54					
27th	Lisbon	2988	67	SSW	4	bc	2982	+01	68	+3	NNE	5	o	6	0.08	77	64					
29th	Sanguinaire	2994	66	W	2	bc	3003		66	0	E	2	m	2	-	70	61					
"	Lisbon	2981	60	SW	3	o	2977	+01	60	-4	SSE	1	b	5	0.24	68	59					
30th	Bouenna	2979	58	WSW	1	c	2973	00	59	+5	S	2	o	3	0.08	64	54					
"	Lisbon	2984	61	SW	2	b	2985	+04	58	-2	SW	4	o	5	0.32	66	57					

### GALES.

Duration and Extreme Force  
on British Coasts.

#### Additions.

15th, Malin Hd. 11pm-1am.  
Extreme SE. 9.

24th, Aberdeen. 1pm.  
Squalls SE. 40 m.p.h. (8).

#### Corrections.

12th, Malin Hd. 10pm-5am.  
Squalls SW. 8.  
16th, Rockes Pt. 11am-2pm.  
Extreme SSE. 8.







