

METEOROLOGICAL OFFICE.

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# DAILY WEATHER REPORTS.

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





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



# DAILY WEATHER REPORT. APPENDIX I.

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

### THIRD QUARTER, JULY TO SEPTEMBER.

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

STATIONS.	PRESSURE. 1906-1910.  7 a.m. Observations (reduced to M.S. Level and to Lat. 45°).	AIR TEMPERATURE.								RAINFALL. 1876-1910.		BRIGHT SUNSHINE. 1881-1910.	
		Means of				Absolute Extremes.							
		1906-1910.		1876-1910.		1876-1910.							
		Dry Bulb 7 a.m.	Wet Bulb 7 a.m.	Daily Maximum.	Daily Minimum.	Maximum.		Minimum.					
						Temp.	Year.	Temp.	Year.				
Sumburgh Head.....	29° 862	50° 5	46° 0	57° 0	46° 0	70	1897	57	1888	18	2° 32	—	—
Stornoway.....	29° 897	52° 5	50° 7	60° 1	48° 9	76	1894	52	1888	20	2° 33	144	27
Castlebay (Barra Isd.)..	[29° 874]44	[53° 9]44	[51° 9]44	[58° 3]44	[51° 3]44	[71]44	[1908]44	[47]44	[1910]44	[19]44	[2° 05]44	[161]44	[31]44
Malin Head.....	29° 903	54° 1	53° 1	60° 6	52° 4	75	1887	42	[1888, 02]	[19]	[2° 38]	—	—
Blackod Point.....	29° 955	56° 3	54° 5	62° 3	53° 4	80	1894	42	[1888]	[22]	[3° 14]	—	—
Valencia.....	30° 012	58° 8	54° 8	63° 9	53° 7	80	1878	40	1907	20	3° 61	156	32
Roche's Point.....	30° 014	58° 5	54° 9	65° 2	53° 8	84	1870	43	1907	15	2° 88	—	—
Birr Castle.....	29° 983	56° 8	52° 1	66° 2	51° 7	89	1876	37	1889	17	2° 99	142	28
Donaghadee.....	29° 953	54° 1	52° 5	63° 3	51° 8	81	1870	40	1883, 02	17	2° 91	—	—
Liverpool (Observatory).....	29° 971	56° 1	53° 4	65° 6	54° 2	88	1901	44	1877	15	2° 89	[186]44	[37]44
Holyhead.....	29° 969	56° 7	54° 9	63° 3	53° 6	85	1901	43	1888	16	2° 71	—	—
Pembroke (St. Ann's Hd.).....	29° 993	55° 6	54° 4	62° 3	54° 7	80	1878	43	1910	15	2° 47	209	42
Scilly (St. Mary's).....	30° 146	57° 6	55° 5	64° 7	56° 4	75	1886, 01, 02	47	1910	16	2° 24	218	45
Jersey (St. Aubin's).....	30° 066	59° 3	57° 0	68° 3	56° 3	87	1900, 01	44	1907, 09	13	2° 01	247	51
Portland Bill.....	30° 010	57° 5	55° 8	64° 7	55° 9	[79]44	[1901]44	[49]44	[1900, 07]44	11	1° 75	—	—
Dungeness.....	29° 968	58° 0	56° 0	66° 5	55° 4	82	1900	40	1890	12	1° 83	—	—
Dover.....	[29° 993]44	[58° 0]44	[55° 7]44	[64° 7]44	[52° 8]44	[74]44	[1908]44	[46]44	[1908, 09, 10]44	[15]44	[2° 61]44	[180]44	[37]44
Wick.....	29° 885	52° 2	50° 3	61° 1	48° 4	81	1878	30	1880	18	2° 06	—	—
Nairn.....	29° 892	53° 0	50° 7	64° 2	49° 4	86	1878	30	1906	17	2° 07	[135]**	[36]**
Aberdeen.....	29° 909	54° 5	51° 9	63° 1	50° 3	86	1878	38	1898, 03	17	2° 79	160	30
Leith.....	29° 915	55° 4	52° 3	66° 0	51° 3	86	1878	39	1887, 8, 92, 03	17	2° 73	—	—
North Shields.....	29° 931	55° 5	52° 9	64° 2	51° 3	85	1878	41	1909	15	2° 56	—	—
Spurn Head.....	29° 944	56° 4	54° 3	64° 9	54° 6	[84]*	[1881, 1900]*	[44]*	[1888]*	13	1° 52	—	—
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	92	1876	37	1888	15	2° 39	[190]44	[38]44
Bath.....	30° 019	58° 5	55° 4	69° 4	53° 4	[91]44	[1876]44	[39]44	[1906]44	13	2° 63	204	41
Oxford.....	29° 987	58° 3	54° 8	70° 0	53° 5	90	1876, 00	41	1888	14	2° 47	201	41
LONDON { Westminster.....	29° 990	57° 8	55° 1	[69° 7]44	[54° 8]44	[83]44	[1908]44	[45]44	[1907]44	[14]44	[1° 99]44	179	36
{ Kew.....	30° 009	57° 7	54° 8	70° 8	54° 3	90	1881	43	1882, 84	13	2° 30	204	41
Sumburgh Head.....	29° 788	51° 5	49° 9	57° 2	48° 3	82	1910	38	1885, 05, 09	20	3° 11	—	—
Stornoway.....	29° 838	53° 9	51° 3	60° 6	49° 0	75	1897, 99	33	1888	22	3° 66	112	28
Castlebay (Barra Isd.)..	[29° 873]44	[54° 2]44	[52° 5]44	[59° 5]44	[51° 5]44	[68]44	[1910]44	[47]44	[1908, 09]44	[20]44	[4° 07]44	[159]44	[30]44
Malin Head.....	29° 856	54° 8	54° 0	61° 0	52° 9	80	1887	43	[1891]	[22]	[3° 09]	—	—
Blackod Point.....	29° 907	57° 0	55° 1	62° 0	53° 5	[78]44	[1900]44	[43]44	[1887, 88]	[23]44	[4° 24]	—	—
Valencia.....	29° 976	57° 5	55° 5	64° 2	53° 9	81	1899	42	1890	23	5° 09	159	34
Roche's Point.....	29° 985	56° 6	55° 5	64° 9	53° 8	80	1880	44	1883, 03, 01	17	4° 01	—	—
Birr Castle.....	29° 949	56° 5	54° 9	65° 6	51° 2	82	1893, 99, 00	35	1885, 87	18	3° 85	142	32
Donaghadee.....	29° 912	54° 6	53° 3	63° 1	52° 0	78	1899	38	1886	19	3° 27	—	—
Liverpool (Observatory).....	29° 941	56° 7	54° 2	65° 1	54° 0	85	1876, 84, 93, 99	44	1885	17	3° 16	[101]44	[36]44
Holyhead.....	29° 941	57° 3	55° 7	63° 4	54° 1	83	1893	46	1888	17	3° 39	—	—
Pembroke (St. Ann's Hd.).....	29° 971	57° 0	55° 8	62° 8	55° 3	78	1899	47	1885, 88	16	3° 27	193	49
Scilly (St. Mary's).....	30° 126	58° 7	56° 9	65° 0	56° 9	75	1893, 99	50	1885, 90, 95	17	2° 68	224	51
Jersey (St. Aubin's).....	30° 067	61° 2	58° 5	68° 8	57° 2	89	1893	45	1890, 09	15	2° 43	242	55
Portland Bill.....	30° 003	59° 8	57° 5	65° 5	56° 8	[78]44	[1901]44	[49]44	[1904, 10]44	13	2° 00	—	—
Dungeness.....	29° 962	59° 8	57° 6	67° 2	56° 0	89	1904	39	1890	13	2° 13	—	—
Dover.....	[29° 993]44	[59° 3]44	[56° 9]44	[68° 4]44	[53° 8]44	[88]44	[1909]44	[46]44	[1909]44	[15]44	[2° 49]44	[220]44	[50]44
Wick.....	29° 827	52° 4	50° 9	61° 1	48° 2	81	1893	30	1880	20	2° 75	—	—
Nairn.....	29° 836	52° 7	51° 0	63° 7	49° 1	80	1890	33	1885, 91, 04	19	2° 59	[132]**	[28]**
Aberdeen.....	29° 860	54° 5	52° 4	62° 7	49° 9	81	1880, 82, 99, 06	33	1885	18	2° 95	152	33
Leith.....	29° 866	55° 4	52° 9	65° 6	51° 1	85	1893, 1906	39	1881, 92	17	2° 95	—	—
North Shields.....	29° 898	55° 6	53° 4	64° 1	51° 2	83	1893	39	1892, 02	16	2° 84	—	—
Spurn Head.....	29° 927	57° 2	55° 3	64° 9	54° 6	[83]*	[1893]*	[45]*	[1908]*	15	2° 13	—	—
Yarmouth.....	29° 957	58° 0	55° 6	66° 2	54° 4	85	1893	41	1902	15	2° 51	[206]44	[46]44
Clacton-on-Sea.....	29° 987	58° 9	56° 4	67° 6	55° 0	[84]44	[1909]44	[43]44	[1908]44	13	1° 90	[211]44	[47]44
Nottingham.....	29° 967	56° 3	54° 7	68° 7	51° 4	94	1876	37	1876, 08	17	2° 82	[181]44	[40]44
Bath.....	30° 006	58° 0	55° 6	68° 9	52° 5	[92]44	[1877, 04]44	[40]44	[1876]44	14	3° 00	166	44
Oxford.....	29° 999	59° 9	55° 8	68° 9	53° 7	90	1876, 06	39	1892	14	2° 47	187	42
LONDON { Westminster.....	29° 991	59° 2	56° 2	[69° 7]44	[54° 7]44	[91]44	[1908]44	[46]44	[1905, 07]44	[13]44	[1° 90]44	172	39
{ Kew.....	30° 008	57° 9	55° 5	69° 6	53° 6	92	1878	41	1890	14	2° 35	191	43
Sumburgh Head.....	30° 000	49° 0	47° 8	54° 8	46° 3	69	1898	34	1887, 88	20	3° 18	—	—
Stornoway.....	30° 037	50° 7	49° 1	57° 5	46° 2	77	1906	32	1885	21	3° 06	115	30
Castlebay (Barra Isd.)..	[30° 041]44	[52° 4]44	[50° 5]44	[58° 8]44	[49° 9]44	[63]44	[1910]44	[44]44	[1908, 09, 10]44	[16]44	[3° 17]44	[129]44	[34]44
Malin Head.....	30° 059	52° 8	52° 2	58° 8	50° 7	[84]44	[1906]44	[43]44	[1886]	[18]	[2° 76]	—	—
Blackod Point.....	30° 090	55° 0	53° 2	60° 0	51° 2	[78]44	[1898]44	[39]44	[1890]	[20]44	[4° 08]44	—	—
Valencia.....	30° 114	53° 6	51° 7	61° 8	51° 3	79	1898, 06	35	1899	19	4° 09	132	35
Roche's Point.....	30° 127	54° 1	53° 1	61° 8	51° 3	74	1880	39	1893	15	3° 11	—	—
Birr Castle.....	30° 114	52° 4	51° 0	61° 9	47° 2	80	1899	29	1899	15	2° 53	126	33
Donaghadee.....	30° 107	52° 0	51° 0	60° 2	49° 3	75	1906	36	1882, 94, 99, 09	16	2° 82	—	—
Liverpool (Observatory).....	30° 120	53° 0	50° 7	61° 3	50° 8	87	1906	39	1885	15	2° 55	[114]44	[30]44
Holyhead.....	30° 109	54° 9	53° 1	60° 8	51° 9	78	1880	42	1903, 07	16	2° 80	—	—
Pembroke (St. Ann's Hd.).....	30° 109	54° 3	53° 0	60° 6	52° 9	74	1895	40	1885	15	2° 81	150	40
Scilly (St. Mary's).....	30° 223	56° 3	54° 7	62° 3	54° 8	73	1899	44	1885, 88	18	2° 57	170	46
Jersey (St. Aubin's).....	30° 132	57° 3	54° 9	65° 8	54° 7	89	1906	41	1891	15	2° 67	184	49
Portland Bill.....	30° 112	56° 4	54° 9	63° 0	53° 8	[71]44	[1906]44	[43]44	[1902, 03, 10]44	14	2° 06	—	—
Dungeness.....	30° 100	55° 9	53° 8	64° 0	52° 3	81	1906	39	1885	14	1° 79	—	—
Dover.....	[30° 089]44	[54° 7]44	[53° 1]44	[62° 8]44	[50° 4]44	[75]44	[1908]44	[39]44	[1908]44	[13]44	[1° 53]44	[173]44	[46]44
Wick.....	30° 022	49° 9	48° 3	58° 2	45° 8	78	1898	29	1885, 87, 07	19	2° 52	—	—
Nairn.....	30° 042	49° 1	47° 6	60° 3	45° 3	84	1906	25	1882	17	2° 11	[120]**	[32]**
Aberdeen.....	30° 071	50° 6	49° 0	59° 4	46° 6	82	1906	30	1887	17	2° 38	126	33
Leith.....	30° 074	51° 4	49° 5	62° 1	47° 9	83	1898	34	1886, 1905	14	1° 84	—	—
North Shields.....	30° 096	51° 3	49° 6	60° 7	47° 9	88	1906	36	1885, 89, 93, 07	14	1° 75	—	—
Spurn Head.....	30° 094	53° 7	52° 0	61° 2	51° 9	[79]*	[1899]*	[38]*	[1892, 09]*	12	1° 61	—	—
Yarmouth.....	30° 098	54° 3	52° 4	62° 2	51° 4	78	1880, 98	33	1885	14	2° 13	[138]44	[37]44
Clacton-on-Sea.....	30° 113	55° 0	53° 0	63° 2	51° 4	[79]44	[1906]44	[38]44	[1904]44	10	1° 65	[175]44	[46]44
Nottingham.....	30° 120	51° 1	49° 9	64° 0	47° 5	94	1906	30	1887	15	1° 92	[118]44	[31]44
Bath.....	30° 143	52° 5	50° 8	64° 7	48° 3	[88]44	[1906]44	[34]44	[1906]44	12	2° 32	136	37
Oxford.....	30° 150	53° 0	50° 9	64° 4	48° 5	92	1906	33	1886	12	1° 9		

\* Results for 30 years, 1881-1910.      † Results for 11 years, 1900-1910.      ‡ Results for 6 years, 1905-1910.  
 + " " 28 " 1876-1884 and 1899-1910.      § " " 10 " 1901-1910.      § " " 4 years, 1907-1910.  
 ‡ " " 25 " 1886-1910.      || " " 7 " 1904-1910.      ‡ " " 3 " 1908-1910.  
 At Birr Castle and Oxford the averages are for 8 a.m.



# DAILY WEATHER REPORT. APPENDIX I.

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

### FOURTH QUARTER, OCTOBER TO DECEMBER.

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

OCTOBER.

NOVEMBER.

DECEMBER.

STATIONS.	PRESSURE. 1906-1910.  7 a.m. Observations (reduced to M.S. Level and to Lat. 45°).	AIR TEMPERATURE.								RAINFALL. 1876-1910.  Days with Rain. Total Fall.		BRIGHT SUNSHINE. 1881-1910.  Average Duration. Per Centage of Possible Duration.					
		Means of				Absolute Extremes.											
		1906-1910.		1876-1910.		1876-1910.											
		Dry Bulb 7 a.m.	Wet Bulb 7 a.m.	Daily Maximum.	Daily Minimum.	Maximum.		Minimum.									
						Temp.	Year.	Temp.	Year.								
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	5.38	85	27				
Castlebary (Barra Isd.)	[29.881]44	[51.0]44	[49.2]44	[54.1]44	[48.3]44	[63]44	[1908]44	[34]44	[1909]44	[19]44	[3.11]44	[80]44	[25]44				
Malin Head	29.755	49.8	48.8	53.0	45.6	73	1908	32	1892	21	3.11	—	—				
Blackod Point	29.705	51.5	49.4	54.5	45.9	71	1908	29	1905	23	5.10	—	—				
Valencia	29.788	52.1	49.7	56.5	46.6	71	1908	28	1892	22	5.23	101	31				
Roche's Point	29.817	51.5	50.5	56.1	46.4	65	1880, 4, 6	42	1881	18	4.05	—	—				
Birr Castle	29.810	47.8	46.7	54.0	40.9	74	1908	22	1880, 1905	18	2.87	96	30				
Donaghadee	29.828	49.5	48.2	54.1	44.1	66	1898	21	1892	18	2.97	—	—				
Liverpool (Observatory)	29.863	48.9	47.2	54.1	44.8	73	1908	27	1895	19	3.36	[90]44	[30]44				
Holyhead	29.831	51.7	50.4	54.9	47.0	75	1908	32	1892	19	4.06	—	—				
Pembroke (St. Ann's Hd.)	29.825	52.0	50.5	55.3	48.2	67	1908	33	1895	19	4.18	103	32				
Scilly (St. Mary's)	29.944	53.5	51.8	57.3	50.3	69	1895	38	1895, 96	21	3.70	117	36				
Jersey (St. Aubin's)	29.900	54.6	52.5	59.0	49.4	76	1908	33	1887	21	4.53	126	38				
Portland Bill	29.882	54.6	53.2	56.9	48.6	[67]44	[1908]44	[35]44	[1905, 08]44	17	3.86	—	—				
Dunegness	29.897	53.6	52.0	57.2	46.3	70	1888, 1908	23	1890	17	[3.23]44	—	—				
Dover	[30.017]44	[52.6]44	[51.3]44	[58.8]44	[48.4]44	[74]44	[1908]44	[30]44	[1909]44	[18]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	[30]44				
Bath	29.893	49.9	48.5	57.1	42.8	[77]44	[1908]44	[24]44	[1905]44	15	3.18	97	30				
Oxford	29.917	49.7	48.5	56.0	42.6	76	1886, 1908	23	1890	16	2.78	99	31				
LONDON { Westminster	29.900	51.4	50.1	[58.8]44	[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				
Sumburgh Head	29.729	43.1	40.5	46.1	38.7	58	1901	25	1880, 93, 04	24	4.00	—	—				
Stornoway	29.782	43.6	41.4	47.3	37.8	58	1897, 01, 02	20	1880	21	5.61	42	18				
Castlebary (Barra Isd.)	[29.811]44	[45.2]44	[43.3]44	[48.5]44	[41.3]44	[55]44	[1908, 09]44	[32]44	[1909, 10]44	[21]44	[4.00]44	[61]44	[26]44				
Malin Head	29.811	44.9	43.8	48.6	41.8	[59]44	[1894, 9, 06]44	[30]44	[1909]44	[21]44	[3.20]44	—	—				
Blackod Point	29.868	46.2	44.3	50.3	42.1	[60]44	[1897, 09]44	[29]44	[1890]44	[23]44	[5.00]44	—	—				
Valencia	29.819	46.2	43.9	52.2	42.7	63	1881	27	1890, 96, 01	23	5.48	66	26				
Roche's Point	29.850	45.3	44.3	51.3	42.3	61	1908, 09	27	1890	19	4.32	—	—				
Birr Castle	29.913	39.9	38.9	49.2	36.8	62	1899	17	1909	18	3.06	94	25				
Donaghadee	29.880	43.6	42.6	49.1	39.8	60	1894, 09	27	1878, 83	19	3.07	—	—				
Liverpool (Observatory)	29.902	42.2	40.7	48.3	40.0	61	1894, 85, 90	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	65	1899	17	1890	17	[2.60]44	—	—				
Dover	[30.924]44	[44.2]44	[39.7]44	[48.0]44	[37.6]44	[50]44	[1908]44	[27]44	[1910]44	[10]44	[2.50]44	[106]44	[40]44				
Wick	29.760	41.6	40.0	46.9	36.8	62	1900	12	1909	20	3.02	—	—				
Nairn	29.788	40.1	38.6	46.8	35.5	62	1906	12	1904	18	2.24	[63]**	[27]**				
Aberdeen	29.815	40.4	39.1	46.8	37.2	62	1889	14	1900	19	3.05	55	23				
Leith	29.832	41.7	39.7	48.5	37.7	63	1885	18	1885	15	1.96	—	—				
North Shields	29.856	41.2	40.0	48.2	37.9	63	1894	20	1880	17	2.24	—	—				
Spurn Head	29.861	43.8	42.2	48.0	40.7	[61]*	[1894, 95]*	[28]*	[1884]*	15	1.80	—	—				
Yarmouth	29.887	43.3	41.8	48.1	39.4	60	1895, 8, 9, 04	23	1890	18	2.53	[83]44	[32]44				
Clacton-on-Sea	29.913	42.8	41.7	48.2	39.3	[60]44	[1908]44	[25]44	[1901]44	15	1.89	[75]44	[29]44				
Nottingham	29.904	40.5	39.5	48.2	36.9	63	1896	13	1904	19	1.89	40	16				
Bath	29.898	41.6	40.6	50.2	37.5	[64]44	[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				
Sumburgh Head	29.694	40.0	38.8	43.8	36.2	53	1890, 06	19	1877, 09	27	4.44	—	—				
Stornoway	29.698	40.1	39.2	44.1	35.0	55	1898	15	1880	26	5.94	24	12				
Castlebary (Barra Isd.)	[29.597]44	[44.0]44	[42.1]44	[47.0]44	[35.0]44	[53]44	[1908]44	[27]44	[1909]44	[26]44	[5.13]44	[36]44	[18]44				
Malin Head	29.691	42.4	41.7	45.6	38.6	[55]44	[1900, 04]44	[28]44	[1906, 09]44	[23]44	[3.15]44	—	—				
Blackod Point	29.683	44.6	42.8	47.5	39.8	[59]44	[1899]44	[25]44	[1906]44	[26]44	[5.45]44	—	—				
Valencia	29.752	45.6	43.3	49.9	40.8	57	1884, 88, 99, 1900	24	1886	26	6.32	41	17				
Roche's Point	29.767	44.2	43.3	48.6	40.2	57	1906	25	1882	23	5.19	—	—				
Birr Castle	29.735	40.3	39.3	45.7	34.4	58	1877, 1900	8	1878	20	3.10	43	19				
Donaghadee	29.712	41.8	41.0	45.6	36.8	59	1885, 88, 94, 09	20	1879	21	3.08	—	—				
Liverpool (Observatory)	29.700	40.4	38.8	44.4	36.3	59	1891, 98, 1900	13	1878	18	2.69	[48]44	[21]44				
Holyhead	29.729	43.6	42.6	46.6	39.5	60	1886	26	1875, 90, 02								



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,  
1st October, 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.						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 ...	30.33	48	ENE	3	o	30.31	+0.1	50	-1	SSE	1	o	1	-	51	47	om	om	om	9.5		
	Stornoway ...	30.21	54	SE	3	b	30.24	+0.1	41	0	NW	1	b	1	-	61	41	b	b	b	9.5		
	Castlebay (Barra Isd.)	30.16	57	NW	3	b	30.19	0.0	53	0	E	2	c	2	-	59	50	b	b	b	9.5		
	Glasgow ...	30.18	54	NE	3	c	30.19	-0.1	52	0	NE	3	og	2	-	58	52	c	c	c	4.2		
	Malin Head...	30.11	56	E	3	b	30.13	0.0	53	+1	SE	4	c	2	-	58	?	b	b	b	8.5		
	Blacksod Point ...	30.06	58	NE	3	b	30.09	+0.1	54	-1	NE	2	b	1	Trace	60	52	b	b	b	8.5		
	Valencia ...	29.96	59	ENE	1	b	29.98	+0.2	51	-1	ENE	1	b	3	Trace	64	47	b	b	b	8.5		
	Roche's Point ...	29.98	58	E	3	c	29.98	0	52	-5	NE	2	b	2	0.01	62	57	b	b	b	8.5		
	Birr Castle ...	30.00	58	NE	3	c	30.02	0	53	-2	NE	1	c	2	-	63	51	b	c	b	6.8		
	Donaghadee ...	30.08	59	E	4	b	30.10	0.0	55	-3	E	4	b	4	-	59	55	b	b	b	8.5		
	Liverpool Obsy. ...	30.01	60	ENE	4	b	30.02	0.0	56	+3	NE	3	o	3	-	64	53	b	b	b	5.6		
	Holyhead ...	30.00	59	E	3	b	30.01	+0.3	57	+2	E	4	egm	4	-	62	55	b	b	b	8.3		
	Pembroke (St. Ann's Hd.)	29.90	60	NNE	2	b	29.91	-0.2	54	0	NE	2	cg	2	-	65	53	b	b	b	6.8		
	Newquay ...	29.85	62	NE	2	b	29.81	-0.1	57	+2	NE	4	cm	4	-	66	54	b	b	b	6.9		
	Scilly (St. Mary's) ...	29.82	58	NE	3	cm	29.82	-0.1	55	-1	NE	3	b	3	-	63	55	b	cm	b	5.0		
	Jersey (St. Aubin) ...	29.78	64	NE	4	b	29.71	0	59	0	NE	5	ogm	4	0.03	69	58	cm	cm	cm	0.9		
	Portland Bill ...	29.86	62	ENE	3	b	29.77	-0.2	57	-1	NE	6	o	4	-	64	55	b	b	b	8.5		
	Dungeness ...	29.88	60	NNE	5	b	29.82	-0.2	59	-1	NE	5	o	4	Trace	65	58	b	b	b	8.5		
	Dover ...	29.89	57	N	4	m	29.84	0	58	-1	NE	4	c	4	Trace	65	56	b	b	b	8.6		
ICELAND, FAEROE, &c.	Wick ...	30.27	52	E	3	c	30.28	+0.1	51	-2	ESE	3	b	2	Trace	53	51	om	om	om	8.5		
	Nairn ...	30.20	54	E	1	b	30.25	0	36	-9	-	0	mx	1	-	61	35	b	b	b	6.4		
	Aberdeen ...	30.26	53	ENE	3	o	30.26	0.0	52	-1	E	2	ev	2	-	58	49	c	c	c	1.7		
	Leith ...	30.18	55	ENE	3	o	30.18	+0.2	55	0	NE	4	o	2	-	57	54	o	og	c	2.7		
	North Shields ...	30.13	56	NE	4	c	30.14	0.0	56	+1	NE	3	o	3	-	59	54	c	c	c	2.7		
	Spurn Head ...	30.02	59	ENE	5	c	29.99	0.0	59	0	ENE	5	c	5	-	68	52	b	c	b	7.4		
	Yarmouth ...	29.97	60	NE	4	b	29.96	0.0	58	-1	E	5	b	5	-	63	58	b	b	b	6.4		
	Clacton-on-Sea ...	29.92	60	NE	3	c	29.88	0.0	60	+4	ENE	4	cg	3	-	66	56	b	b	b	9.0		
	Nottingham...	30.00	58	ENE	4	c	29.98	0	58	+2	ENE	4	c	2	-	66	55	cm	c	c	6.5		
	Bath ...	29.92	60	E	1	b	29.87	0	57	+2	NE	5	o	2	-	67	53	obc	b	b	4.3		
SCANDINAVIA.	London (Kew Obsy.)...	29.92	63	NE	3	b	29.87	-0.1	56	0	NE	3	om	2	-	67	55	om	om	om	6.1		
	Spitzbergen ...	30.17	33	NNW	3	s	29.67	0.0	27	-10	NW	5	b	2	?	37	23						
	Isafjord...	30.22	50	SW	1	b	30.28	+0.2	44	-7	-	0	c	2	-	54	43						
	Reykjavik ...	30.28	47	E	2	c	30.27	+0.1	48	0	-	0	c	2	-	54	43						
	Vestmanna ...	30.26	48	SE	2	c	30.22	-0.1	43	+3	-	0	c	1	-	54	43						
	Seydisfjord ...	30.23	51	-	0	b	30.25	-0.1	40	+1	-	0	f	1	-	54	43						
	Thorshavn ...	30.35	47	E	2	m	30.30	-0.1	46	+2	-	0	o	1	-	54	43						
	Haparanda ...	30.27	47	-	0	b	30.17	-0.1	51	+3	-	0	b	2	-	54	43						
	Hernösand ...	30.25	47	N	2	b	30.26	+0.1	43	-4	W	2	b	2	Trace	54	41						
	Stockholm ...	30.22	52	NNE	2	o	30.25	+0.1	53	-1	NNE	4	c	2	-	54	50						
GERMANY, &c.	Wisby ...	30.30	45	-	0	b	30.34	0.0	42	-3	N	2	b	2	-	55	39						
	Karlstad ...	30.29	56	NE	1	b	30.34	+0.1	49	-3	NE	2	c	1	-	55	48						
	Færder (Xiania Fjord)	30.26	47	SW	6	+	30.22	-0.1	46	0	SW	4	c	3	0.32	48	46						
	Bodö ...	30.35	50	-	0	b	30.31	0.0	46	-1	-	0	b	2	-	52	45						
	Christiansund ...	30.32	54	-	0	b	30.31	0.0	51	+3	E	2	b	1	-	57	48						
	Skudesnaes ...	30.28	55	E	4	b	30.29	+0.1	53	0	ENE	2	b	0	-	57	50						
	The Scaw (Skagen)...	30.21	47	ESE	2	b	30.23	+0.2	42	-6	E	2	f	1	-	61	41						
	Blaavands Huk ...	30.09	54	ENE	3	b	30.13	+0.1	52	+1	E	3	b	0	-	63	51						
	Cuxhaven ...	30.01	59	NE	5	b	30.03	+0.1	55	+1	ENE	4	b	3	-	63	54						
	The Helder ...	29.88	58	ENE	2	b	29.88	+0.1	51	-1	ESE	3	b	2	-	69	49						
FRANCE.	Brussels ...	30.07	60	E	1	b	30.15	+0.4	50	+1	E	3	c	2	-	68	49						
	Berlin ...	29.91	61	SE	1	b	29.99	+0.3	50	0	NE	1	c	2	-	70	48						
	Frankfurt ...	29.90	62	ENE	2	c	29.96	+0.1	49	+6	E	2	b	2	-	63	43						
	Munich ...	29.87	60	NE	4	m	29.83	-0.1	55	+1	E	4	b	3	?	64	54						
	C. Gris Nez...	29.81	65	NE	3	m	29.73	0	55	0	E	4	f	3	0.08	72	52						
	La Hève ...	29.60	64	E	3	c	29.74	0.0	59	+2	NNE	3	f	2	-	75	57						
	Brest (St. Mathieu) ...	?	66	E	1	o	?	0	59	+4	NE	3	o	2	0.16	70	54						
	Lorient (Rec. Malen)...	29.68	60	E	3	+	29.70	+0.1	56	-4	ESE	3	c	2	0.32	70	55						
	Rochefort (Ile d' Aix)	29.71	63	NE	3	c	29.71	0.0	61	-1	S	3	o	2	0.04	68	57						
	Biarritz ...	29.80	61	SE	1	o	29.82	+0.3	54	+1	SE	2	b	2	Trace	68	53						
SPAIN, PORTUGAL, &c.	Paris ...	29.89	51	NE	3	+	29.95	0	50	0	E	2	c	2	0.12	58	45						
	Belfort ...	29.83	57	N	1	+	29.87	0	56	+3	N	1	o	2	0.35	59	57						
	Lyons ...	29.91	59	-	0	+	29.96	+0.1	53	+3	NE	3	c	4	0.63	64	56						
	Nice ...	29.75	64	-	0	o	29.75	+0.1	55	-4	SW	1	b	2	-	73	52						
	Perpignan ...	29.91	66	SW	4	m	29.93	0	64	-1	E	2	m	4	-	75	63						
	Sanguinaire ...	29.76	68	SW	2	b	29.81	0.0	58	-1	SW	1	o	2	-	70	55						
	Corunna (S. a.m.) ...	29.89	62	SW	3	b	29.88	+0.2	64	+6	SW	4	c	3	-	66	61						
	Lisbon (S. a.m.) ...	29.99	65	W	2	b	29.95	0	64	+	W	4	c	2	0.43	69	61						
	Gibraltar ...	30.18	65	SSW	3	+	30.13	+0.1	68	+3	-	0	c	2	0.35	75	64						
	Azores (Horta S. a.m.)	30.10	65	N	3	b	30.08	+0.1	70	+2	N	3	b	3	-	77	63						
Madeira (Funchal) ...																							

GALES.  
Duration and Extreme Force  
on British Coasts.

## Erratum

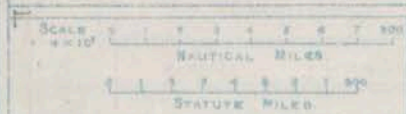
In yesterday's Report the amount of rainfall at Perpignan entered as 3.05 in. should have been 4.33 in. Reports from France show that as much as 6.54 in. was collected at Cape Bearn, and 1.85 in. at Cetta.

\* Information for these columns not usually received.

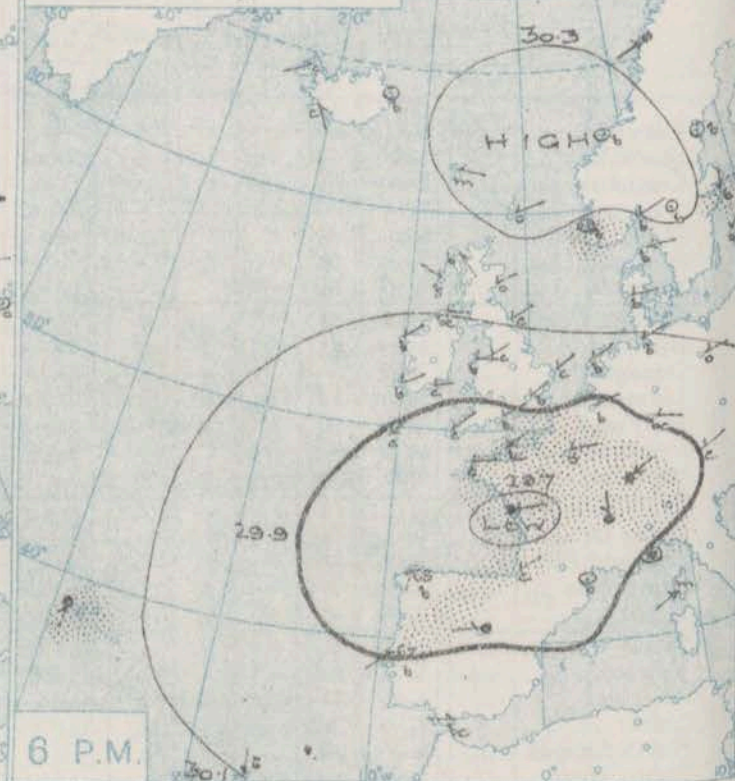
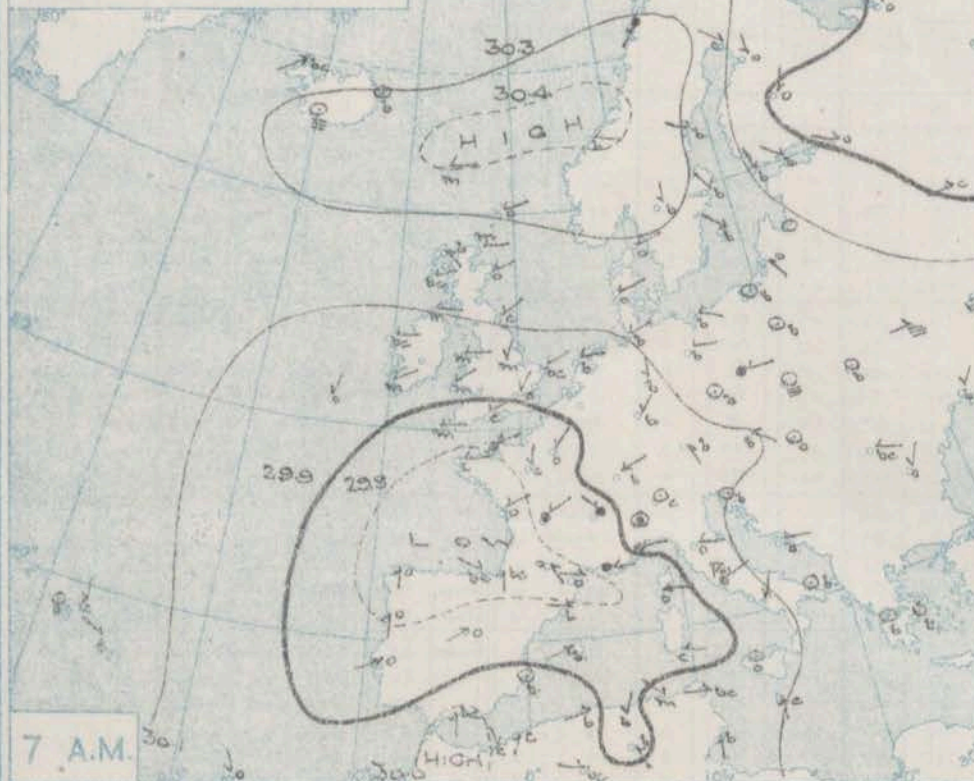
† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 30<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

Over the southern parts of England the weather will remain for the present under the influence of the depression over the Bay region, which shows, however, some

## WEATHER PROSPECTS.

tendency to move westward. Anticyclonic conditions will continue to prevail over all our more northern districts.

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

0 {  
a  
b  
1

Easterly winds, light or

moderate; fair; cool.

2 {  
a  
b

Easterly and North-Easterly winds, moderate or fresh; cool, cloudy, local showers.

3

Same as No. 5.

4 {  
a  
b

Same as No. 2.

5

Easterly and North-Easterly winds freshening, strong in places; cool, changeable, some showers.

## 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

Easterly and North-Easterly winds, light or moderate; fair; cool.

8 {  
a  
b

Same as No. 5.

9 {  
a  
b

Same as Nos 6 & 7.

10 {  
a  
b

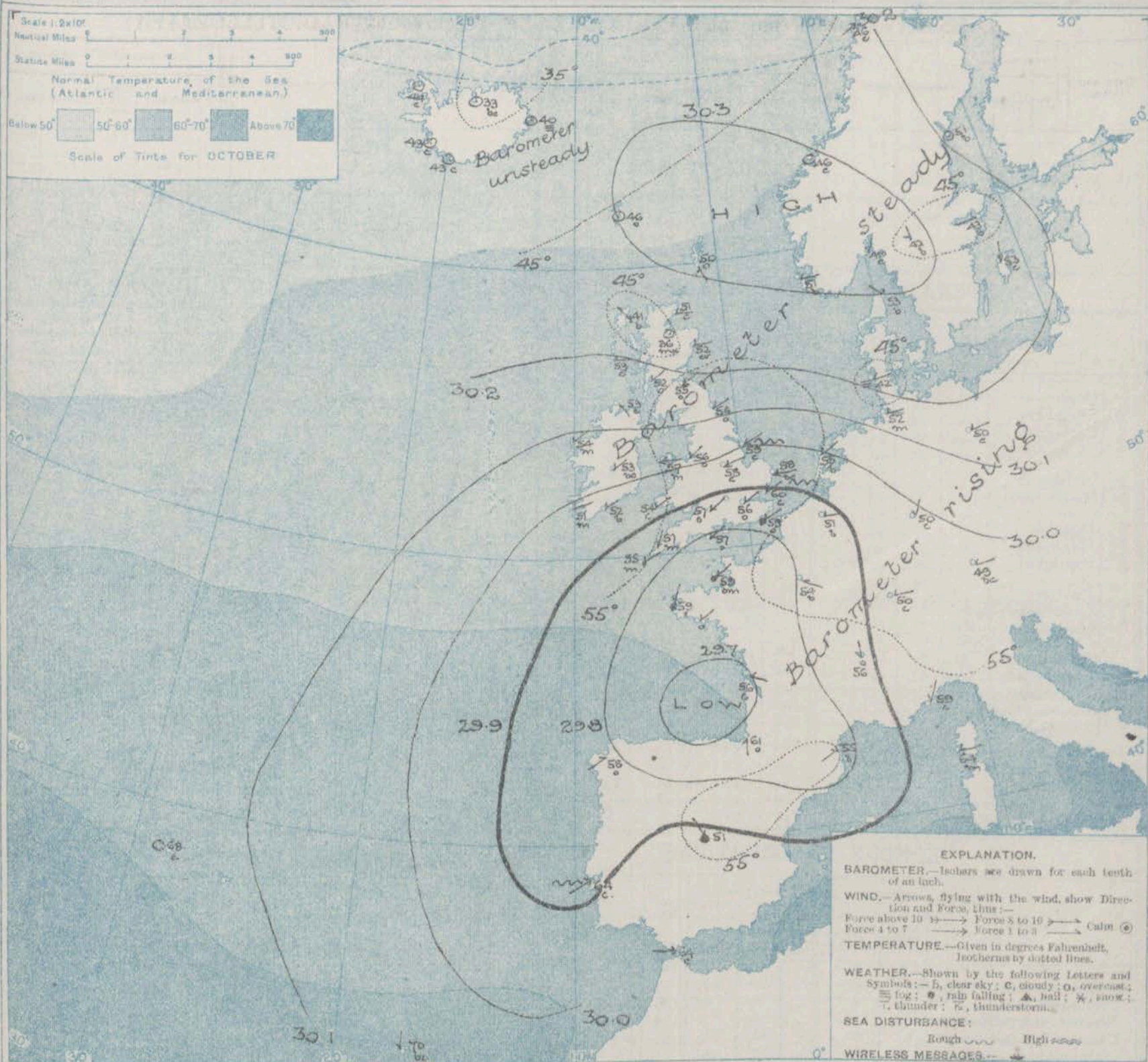
## 11 WESTERN CHANNEL AND BAY.

Moderate to fresh North-Easterly winds and a moderate sea; cloudy, changeable, some showers; cooler.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. WEDNESDAY, 1st OCTOBER 1913.



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

A large anticyclone still covers all the more northern part of our area of observation. The depression recently noticed over the Bay region has extended its borders northward over the south of England, where the barometric gradient has become rather steeper.

Easterly or North-Easterly winds prevail over Western Europe generally, and blow freshly or strongly on our own south and east coasts; in the south of France the wind is light from the southward or South-Westward. Temperature has changed rather irregularly, but has fallen in most places. Over the greater part of England the morning readings range

between 57° and 60°, but in Central Scotland the thermometer is below 40°. The weather remains fair or fine over Western Europe as a whole, but in the south of England and the north and west of France the sky is overcast, with rain at some of the Channel stations. The sea is rather rough off the east of England, moderate or slight elsewhere.



## DAILY WEATHER REPORT.

Wednesday, 1st October, 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.	
1st 7 a.m.	49°30'	14°30'	H.M.S.		30.00	+0.07	N	4	c	30th 6 p.m.	49°45'	10°42'	H.M.S.		29.88		NE	4	c
Dry Gull 54° Wet Bulb 58° Sea Temperature 61° Sea Disturbance 4. Slight haze.										Dry Gull 60° Wet Bulb 60° Sea Temperature 60° Sea Disturbance 2. Barometer Steady, Humid.									

## 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 ...	-	64	47			7.7	Ramsgate ...	-	65	57	b	b.	8.0
Stonehaven ...	-	58	52	cy	cy.	2.1	Folkestone ...	-	65	58	b	b.	8.5
Carnoustie ...	-	59	52			2.3	Hythe ...	-					9.3
St. Andrews ...	-	57	53	o	o	0.0	Littlestone ...	-					9.5
England, N.E.							Hastings ...	-	67	55	b	b.	9.2
Harrogate ...	-	62	51	c.b.c.	b.b.c.	4.0	Bexhill-on-Sea ...	-	68	56	b	b.	9.0
Scarborough ...	-	60	55	c.b.	of	5.7	Eastbourne ...	-	67	54	b	b.	8.6
England, N.W.							Seaford ...	-	68	55	b	b.	9.4
Douglas ...	-	66	48	o.c.	b.c.c.	6.0	Brighton ...	-	72	55	b	b.	9.4
Blackpool ...	-	64	48	b.b.c.	b.c.b.	7.2	Worthing ...	-	70	55	b	b.	8.5
Southport ...	-						Littlehampton ...	-					9.0
Mid-lands.							Southsea ...	-	70	55	b	b.	6.5
Buxton ...	-	61	50	b.c.	b.c.	2.2	Ryde ...	-	67	60	b	b.c.	6.5
Leamington Spa ...	-	67	53	c.b.	b.c.	5.9	Ventnor ...	-	67	59	*	*	4.4
Malvern ...	-					4.5	Bournemouth ...	-	70	52	c	b.c.	0.1
Wales.							Weymouth ...	-	68	54	b.c.	b.c.m.	6.5
Rhyl ...	-	66	51	b	o	5.5	Exmouth ...	0.34	67	53	b.c.b.	b.c.b.	1.6
Colwyn Bay ...	-	65	53	m.b.	b.b.c.	4.8	Teignmouth ...	-	66	55	c	b.c.d.	0.7
Llandudno ...	-	63	53	c	b.c.	3.2	Torquay ...	-	65	55	o	c.o.	0.5
Bettws-y-Coed ...	-	64	48	b.c.	b.c.	3.5	Paignton ...	-	65	50	o	b.c.	6.2
Aberystwyth ...	-	66	55	c.b.	b.c.	9.5	Falmouth ...	-	64	55	c.b.	b.c.	7.5
Tenby ...	-	66	54	b	b	8.0	Bude ...	-	66	57	o.b.c.	b	7.8
England, E.							Ilfracombe ...	-	64	56	b.c.	b.c.	5.5
Lowestoft ...	-	63	58	b.c.	b	8.9	Weston-super-Mare ...	-	66	53	c.b.c.	b.c.	
Felixstowe ...	-	64	53	b.c.m.	b.m.	9.1							
Walton-on-Naze ...	-	63	59	b.c.m.	b.m.	8.9							
Southend-on-Sea ...	-	67	53	b	b.	8.5							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain- fall.	WEATHER.		Sun- shine for Yesterday.	STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		Sun- shine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.
Greenwich (Royal Obs.) ...	56	85	68	54	47	-	b	b.c.c.	6.0	Dublin to 4 p.m.	60	56	51	b.c.o.	o.c.
City (Bunhill Row) ...									5.8	Plymouth to 9 p.m.	66	57	51	b.c.	b.c.
Westminster (St. James's Pk.)									6.1	Darwen "	62	50	42	b.c.m.	o.b.c.
Camden Sq. (Brit. Rainfall)	56	80	71	53	47	-	c.b.	b	6.5	Manchester "					
Hampstead (Reservoir) ...		84	66	53	44	-	b.c.	o	7.1	Birmingham "					
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.							Oxford to 8 p.m.	66	50	44	b.m.w.o.	o.b.c.b.
			Total.		Mean Rate.		Max. Rate.			S. Kensington					
S. Kensington (Roof of M.O.)	69	90	810	Joules.	19.3	Milliwatts.	47.5	Milliwatts.	5.8	(Museum Grounds to 6 p.m.)	68	55	49	b.c.c.	c.b.c.

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

1st and 2nd October, 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 5.56 5.57	G.M.T. 11.43 11.42	G.M.T. 5.30 5.27
Greenwich ...	6.2 6.3	11.50 11.49	5.38 5.35
Wick ...	6.19 6.21	12.2 12.1	5.46 5.42
Valencia ...	6.43 6.44	12.31 12.30	6.19 6.16

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 65° and 70° in many parts of England and Wales, and to 72° at Brighton. The amount of bright sunshine varied considerably in different places; on our south and east coasts it was mostly large. Thunder occurred in South Devon, and lightning was seen at night at Scilly and Roche's Point. Wireless reports show that as far west as the 14th meridian ships experienced light to moderate winds from the N.E., and dull weather.

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

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,  
2nd October, 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 35° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac. (0 to 12).	Force (0 to 12).	Weather.	At 35° 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).	Weather.			Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	After'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.								
	29.45	54	NW	9	r	29.88	+0.8	54	-3	NNE	5	bc	8	?	43	39	*	*	*								
BRITISH ISLANDS.	Lerwick ...	30.26	54	SE	1	bc	30.18	-0.1	50	0	ESE	1	c	1	1a.	57	49	c	bc	bc.c	Hours						
	Stornoway ...	30.17	52	-	0	by	30.11	-0.1	40	-1	NW	1	bf	1	-	60	40	b	by	bm.f	9.6						
	Castlebay (Barra Isd.)	30.14	54	NNW	2	b	30.09	00	51	-2	WSW	1	bcm	1	-	60	48	c.b	b	bm.b	7.7						
	Glasgow ...	30.15	52	ENE	2	og	30.10	00	51	-1	ENE	2	og	2	-	55	51	o	o.c	o	9.3						
	Malin Head...	30.09	54	ESE	3	b	30.06	-0.1	53	0	SE	4	c	2	-	58	?	bcm	by	em	*						
	Blacksod Point	30.04	58	ENE	3	bc	30.02	-0.2	54	0	ENE	2	em	1	Trace	60	52	bc	bc	bcm	*						
	Valencia ...	29.96	58	NE	2	og	29.95	+0.1	55	+4	NE	2	c.m	3	-	62	51	bc	bc	bcm	6.8						
	Roche's Point	29.92	59	NE	3	c	29.91	0	55	+3	NE	2	bcw	2	0.02	63	52	bc.c	og.b.c	og.b.c	*						
	Birr Castle ...	29.90	57	E	1	o	29.96	0	53	0	N	2	o	2	-	60	53	c	o	o	0.7						
	Donaghadee	30.04	57	E	4	bc	30.03	-0.3	55	0	NE	3	bc	2	-	59	54	bc	bc	bc.c	*						
	Liverpool Obsy.	29.96	59	ENE	4	bc	29.93	00	57	+1	NE	2	og.m	2	-	64	56	bcm	bc	em	3.1						
	Holyhead ...	29.98	60	ENE	3	bcm	29.92	00	57	0	ENE	3	em	3	-	62	57	bc.m	o.c	bcm	2.4						
	Pembroke(St. Ann's Hd.)	29.83	60	ENE	3	c	29.86	-0.1	54	0	ENE	3	em	1	Trace	65	53	og	em	em	4.0						
	Newquay ...	29.76	59	NE	3	bc	29.82	+0.6	53	-4	E	1	bcm	3	0.06	60	51	bc.c	o.p.c	bc.b.c	0.5						
	Scilly (St. Mary's)	29.75	57	NNE	4	emp	29.80	+0.2	56	-	ENE	3	em	3	0.21	60	55	em	em	em	0.2						
	Jersey (St. Aubin)	29.74	65	E	3	c	29.80	0	57	-2	NW	2	em	1	0.02	68	57	de.b	bc.c	bc.o.p.c	4.5						
	Portland Bill	29.81	61	E	5	c	29.81	+0.1	57	0	NE	4	opg	3	0.02	62	55	og.m	o.p.c	bc.og.m	*						
	Dungeness ...	29.82	61	NE	3	bc	29.84	+0.1	59	0	E	3	bc	2	0.04	65	57	bc	og	o.b.c	*						
	Dover ...	29.82	59	NE	4	bc	29.82	0	59	+1	-	0	b	3	-	64	56	o.c	bc	bc.b	5.3						
	Wick ...	30.20	54	ESE	4	bc	30.13	-0.1	53	+2	SE	4	o	3	-	56	51	c.b.c	b.b.c	b.o	*						
Nairn ...	30.16	52	-	0	bc	30.11	0	46	+10	-	0	og	1	-	56	35	m.b	bc	bcm	6.7							
Aberdeen ...	30.18	54	E	2	bc	30.13	00	51	-1	-	0	og	2	-	60	50	c	bc	bc.c	3.2							
Leith ...	30.14	55	NE	2	o	30.09	+0.1	54	-1	ENE	2	o	2	-	56	54	og	og	og	*							
North Shields	30.10	54	NE	2	o	30.04	-0.0	56	0	NE	3	o	4	0.01	57	54	o	o	o.c	?							
Spurn Head	29.96	59	ENE	6	c	29.93	0	59	0	E	3	o	5	-	68	53	c	c	c	7.5							
Yarmouth ...	29.90	60	E	4	bc	29.91	00	59	+1	E	4	em	4	-	63	58	bc	bcm	bcm	3.9							
Clacton-on-Sea	29.86	61	ENE	3	bc	29.86	00	60	0	E	2	bc	1	-	63	58	og.b.c	bc	bc.c	5.0							
Nottingham...	29.93	59	E	4	bc	29.92	0	58	0	ENE	3	o	2	-	65	57	c.b.c	bc	o.c	4.6							
Bath ...	29.83	60	E	2	o	29.86	0	57	0	ENE	3	o	2	-	64	53	og	g	g.b.c	0.0							
London (Kew Obsy.)...	29.86	60	NE	4	og	29.85	+0.1	59	+3	NE	1	em	2	0.01	65	55	em	bc	g.b.c	3.3							
ICELAND, FAEROE, &c.	Spitzbergen ...	29.92	23	E	4	b	29.97	+0.1	23	-4	SE	1	o	2	-	27	14										
	Isafjord...	30.21	46	-	0	c	30.18	-0.1	27	-7	-	0	b	2	-												
	Reykjavik	30.22	47	N	2	b	30.13	-0.2	42	-1	-	0	o	2	-												
	Vestmanna	30.17	46	-	0	b	30.10	-0.1	44	+1	-	0	o	2	-												
	Seydisfjord	30.19	46	-	0	c	30.13	+0.1	39	-1	-	0	c	2	-												
	Thorshavn	30.23	48	-	0	o	30.15	-0.1	47	+1	-	0	o	2	-												
SCANDINAVIA.	Haparanda	29.91	45	NW	2	o	30.04	+0.2	37	-9	N	2	bc	2	-	55	30										
	Hernösand	30.08	58	W	2	b	30.10	+0.2	51	0	-	0	c	2	-	66	50										
	Stockholm	30.15	49	W	2	b	30.11	+0.2	49	+6	W	2	b	2	-	55	43										
	Wisby	30.21	48	NW	2	b	30.19	-0.1	54	+1	WSW	2	b	2	-	54	45										
	Karlstad	30.19	47	-	0	b	30.16	00	41	-1	-	0	b	2	-	59	37										
	Färder (X'ania Fjord)	30.21	54	SW	2	b	30.14	-0.1	53	+4	SW	2	b	1	-	55	48										
	Bodö	30.13	46	SW	4	r	30.10	00	46	0	SSW	4	o	2	0.12	46	43										
	Christiansund	30.25	50	-	0	r	30.15	-0.1	50	+4	SW	1	o	2	0.04	54	46										
Skudesnaes	30.23	51	-	0	b	30.16	-0.1	51	0	W	2	o	2	-	52	48											
The Scaw (Skagen)...	30.23	53	-	0	b	30.16	-0.1	53	0	SE	1	o	0	-	57	45											
Blaavands Huk	30.17	44	E	1	b	30.12	-0.1	48	+6	E	1	o	1	-	61	39											
GERMANY, &c.	Cuxhaven	30.09	54	E	3	b	30.04	-0.3	49	-3	E	3	b	0	-	61	46										
	The Helder	29.97	61	E	3	b	29.97	+0.1	53	0	E	2	b	1	-	64	54										
	Brussels	29.87	57	ENE	2	c	29.89	+0.2	55	+4	SE	3	b	2	-	67	50										
	Berlin	30.10	56	E	4	b	30.10	+0.3	45	-5	E	3	o	2	-	63	45										
	Frankfurt	29.92	59	NE	1	c	30.01	+0.4	50	0	-	0	m	2	-	66	48										
	Munich	29.89	54	ENE	4	b	30.04	+0.8	53	+4	NW	2	o	2	-	61	50										
FRANCE.	C. Gris Nez...	29.83	61	SE	2	bc	29.83	+0.1	55	0	ESE	4	bc	2	-	70	54										
	La Hève	29.76	63	E	3	c	29.79	0	53	-2	E	3	r	3	0.04	66	50										
	Brest (St. Mathieu)	29.69	59	NNW	3	o	29.63	+0.4	64	0	S	2	c	3	0.32	66	59										
	Lorient (Rec Melen)...	29.61	60	-	0	o	29.70	0	59	0	SW	1	o	1	-	66	54										
	Rochefort (Ile d'Alx)	29.61	59	ESE	5	r	29.86	+0.6	61	+5	W	3	bc	2	0.32	66	55										
	Biarritz	29.76	63	SW	3	o	29.85	+0.2	68	-3	ESE	3	c	3	0.32	63	57										
SPAIN, PORTUGAL, &c.	Paris	29.79	57	NNE	2	o	29.82	+0.1	55	+1	SE	3	o	2	0.20	69	57										
	Belfort	29.90	57	-	0	o	30.04	0	52	+2	-	0	m	2	-	62	50										
	Lyons	29.89	54	SW	2	o	29.97	0	58	+2	SSE	1	c	2	0.63	58	50										
	Nice	29.97	60	NE	3	o	30.09	+0.5	68	-1	-	0	bc	4	0.04	66	51										
	Perpignan	29.75	64	S	1	c	29.93	+0.7	55	0	SW	2	c	2	-	77	51										
	Sanguinaire	29.84	62	W	2	bc	29.95	0	66	+2	E	2	m	3	0.04	70	57										
	Corunna (8 a.m.)	29.82	62	WNW	2	b	29.89	00	59	+1	S	1	f	2	0.13	64	55										
	Lisbon (9 a.m.)	29.90	62	WSW	3	bc	29.95	+0.4	62	-2	NNW	1	b	5	0.08	68	59										
Gibraltar	29.98	64	W	2	bc	29.97	0	59	-5	W	1	bcw	1	0.15	72	59											
Azores (Horta 8 a.m.)	30.14	td																									

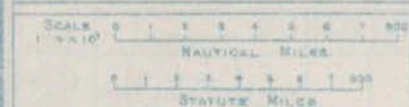
GALES.  
Duration and Extreme Force  
on British Coasts.

\* Information for these columns not usually received.

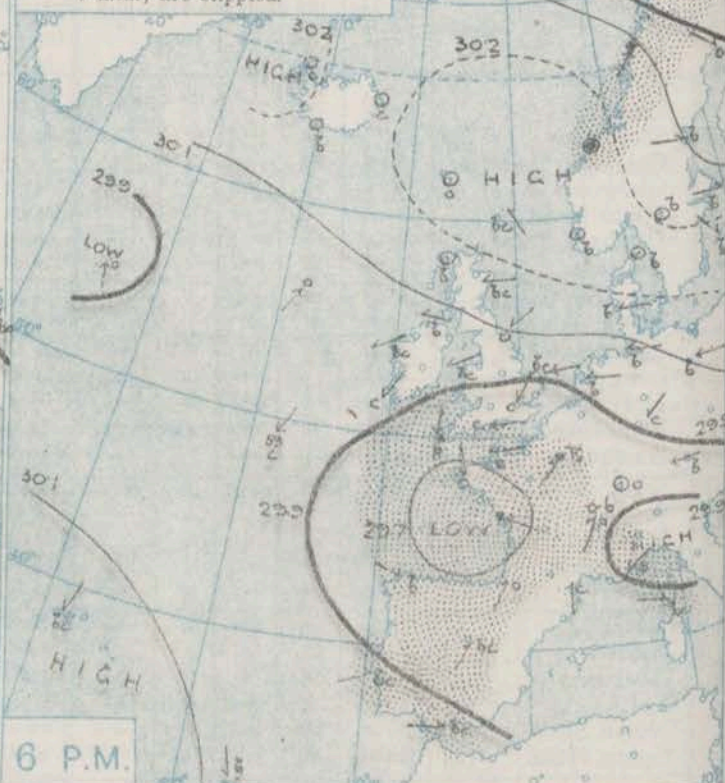
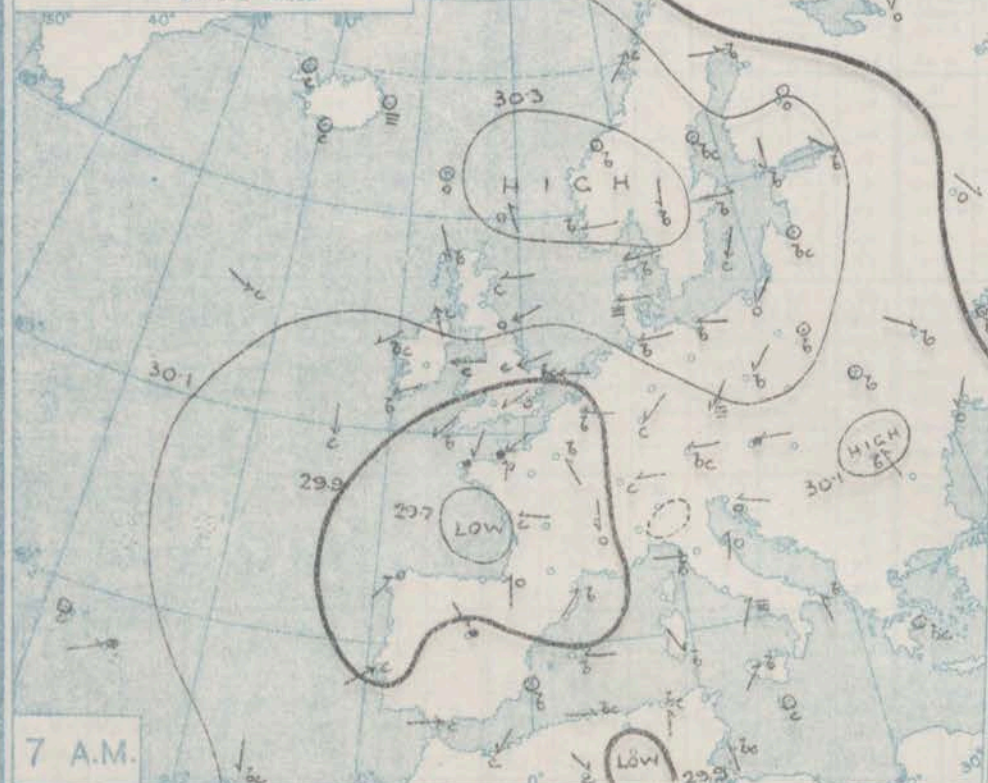
† Received too late for insertion in Charts.



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



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 in the south is likely to disperse gradually. Slight local showers are still probable in some of our southern

## WEATHER PROSPECTS.

districts, but over the country generally the weather will be influenced by the extensive anticyclone in the north.

## FORECASTS FOR THE 24 HOURS NOON THURSDAY

## TO NOON FRIDAY.

0 { a light E. to S.E. winds, fair generally, but cloudy and misty in places; normal temperature.

1

2 { a

E. winds, light or moderate;

3

fair generally, with a temperature

4 { a somewhat above the normal.

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 N.E. to E. winds; fair generally; moderate temperature.

7 { a

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

9 { a

Same as Nos. 6 & 7.

10 { a

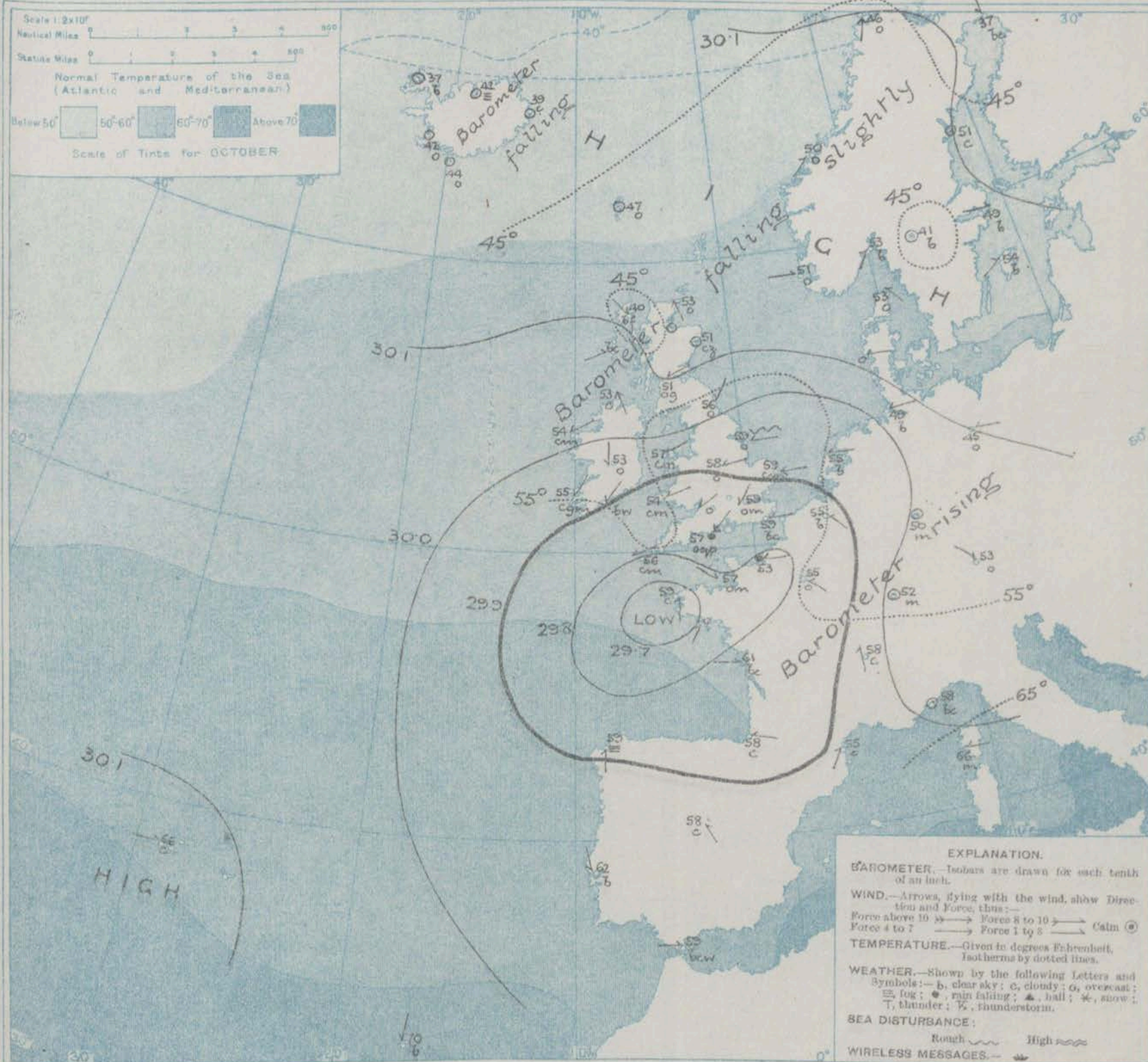
## 11 WESTERN CHANNEL AND BAY.

light N.E. to variable breezes, and a slight sea; cloudy, changeable, some showers; moderate temperature.

## THE FURTHER OUTLOOK.



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



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

The general distribution of pressure shows little change, but the depression recently noticed over France and the Bay region appears to be moving westward and to be gradually filling up.

The wind is light to moderate from the eastward or north eastward over Western Europe as a whole, but has shifted to West or South West in the west of France. Calms prevail in Iceland and the Faeroe, and light South Westery breezes in the west of Norway. Temperature has changed little and irregularly. Over the United Kingdom the morning readings range from between 58° and 60° in the east of

England to 50° and less in Central Scotland and to 40° at Stromoway. The weather is fair or fine over Western Europe as a whole, but an overcast sky is reported in several of the Northern and Central districts, and showers are falling at some of the Channel stations. The sea is slight or smooth generally, but rather rough off the mouth of the Humber.



## DAILY WEATHER REPORT.

Thursday, 2nd October, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
1st 6 p.m.	49 20	18 25	H.M.S.	-	30.02	-	?	5	c	1st 6 p.m.	56	18	Grampian	H	30.02	-0.2	SW	4-5	c
	Dry Bulb 59°	Wet Bulb 58°	Sea Temp 66°						"K" weather		56	22	"do"	H	30.04	0.0	WNW	4-5	c
	56	35	Laurence	H	29.83	-	SSE	6-7	o		49	25	Cedric	H	30.27	+0.1	NE	4-5	o
2nd 11 a.m.	50	16	Cedric	H	30.04	-0.3	NE	1-3	b										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.	b.	b.	Hr.	Margate ...	In.	F.	F.	o.	b.	Hr.
Stonehaven ...	-	64	46			8.4	Ramsgate ...	-	63	58			3.8
Carnoustie ...	-						Folkestone ...	-	63	57	b.o.	bc.b	3.7
St. Andrews ...	-	57	53	o	o.bc	1.1	Hythe ...	-	64	57			5.5
England, N.E.							Littlestone ...	-					6.2
Harrogate ...	-	59	53	o.bc	c.o	0.8	Hastings ...	0.01	64	55	o.bc.b	b	4.7
Scarborough ...	-	58	54	of	of	1.0	Bexhill-on-Sea ...	-	64	56	p.o.bc	bc.b	3.2
England, N.W.							Eastbourne ...	-	64	54	b.bc	b.bc	2.1
Douglas ...	-	66	55	o.c	bc	5.7	Seaford ...	-	64	55	bf.bc	bc	1.6
Blackpool ...	-	65	54	o.bc	bc	5.4	Brighton ...	-	63	57	oh.bc	bc.o.c.b	0.9
Southport ...	-						Worthing ...	-	63	56		bc.b	1.7
Mid-lands.							Littlehampton ...	-					1.0
Buxton ...	-	60	52	bc.c	c.bc	1.0	Southsea ...	-	62	56		bc	0.0
Leamington Spa ...	-	66	55	bc	bc	3.5	Ryde ...	-	61	60			1.3
Malvern ...	-					1.2	Ventnor ...	0.01	68	56			0.1
Wales.							Bournemouth ...	-	62	52			0.1
Rhyl ...	-	65	54	o.c.bc	bc.o	1.9	Weymouth ...	-	63	55	o.c	c.o	0.1
Colwyn Bay ...	-	63	57	bc.c	bc.c	1.8	Exmouth ...	0.24	64	53	p.c.d	b.b.c	0.0
Llandudno ...	-	62	56	o	o.bc	1.4	Teignmouth ...	0.09	61	55	op	op	0.0
Bettws-y-Coed ...	-	63	54	cy	cy	0.0	Torquay ...	0.09	62	55	o	p.o	0.0
Aberystwyth ...	-	65	57	c.bc	c.o	4.7	Paignton ...	0.09	61	55	op	op.o	0.0
Tenby ...	0.01	65	54	b.bc	cy	4.0	Falmouth ...	0.08	61	52	o	op	0.0
England, E.							Bude ...	-	64	54		o.bc.o	0.0
Lowestoft ...	-	63	57	c.bc.c	c	4.0	Ilfracombe ...	0.03	62	58	o	or	0.0
Felixstowe ...	-	63	59	c.been	been	5.4	Weston-super-Mare ...	-	63	54		or	0.0
Walton-on-Naze ...	-	61	58	cm.been	been	4.3							
Southend-on-Sea ...	-	64	55	o	bc	5.0							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.		
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.		Night Min. on Grass.	Night.	Fore-noon.	After-noon.			
			Max.	Min.		Max.				Min.											
			24 HOURS ENDED 9 A.M. TO-DAY.																		
Greenwich (Royal Obs.) ...	70	77	67	54	46	-	c.bc	bc	bc.o.p.c.	5.5	Dublin to 4 p.m.	-	60	56	52	c.o	o.c	c	0.0		
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	5.0	Plymouth to 9 p.m.	0.30	61	55	49	b	og	og	0.3		
Westminster (St. James's Pl.)	82	81	66	57	53	-	bc	bc	bc	4.2	Darwen "	-	61	53	50	o.been	bc	bc	5.8		
Camden Sq. (Brit. Rainfall)	65	75	69	54	49	-	c.bc	bc	bc	4.8	Manchester "	-	65	56	"	o.c.b	bc	bc	0.6		
Hampstead (Reservoir) ...	*	76	65	54	43	-	bc	om	bc	5.5	Birmingham "	-	64	45	52	-	c.o	o	"		
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										Oxford to 8 p.m.	*	67	54	50	bm.o	o.c.bc	bc.c	"
			Total.			Mean Rate.			Max. Rate.												
S. Kensington (Roof of M.O.)	87	80	731 Joules.			17.5 Milliwatts.			46.5 Milliwatts.			3.8	Richmond Park	*	*	*	*	*	*	"	
													S. Kensington (Museum Grounds to 6 p.m.)	Trace	66	54	48	bc.c.o	op.bc	cy.bc	"

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

2nd & 3rd October 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 5.57 5.58	G.M.T. 11.42 11.42	G.M.T. 5.27 5.23
Greenwich ...	5.3 6.4	11.49 11.49	5.35 5.33
Wick ...	6.21 6.23	12.1 12.1	5.42 5.39
Valencia ...	6.44 6.45	12.30 12.30	6.16 6.14

During yesterday the thermometer rose to 65° or slightly above it in several parts of England and Wales, but over a considerable portion of Scotland it failed to reach 60°. The amount of bright sunshine was generally small. Showers were experienced at several of our southern stations, and thunder and lightning occurred in places. Wireless reports show that as far west as the 18th meridian ships experienced moderate winds from the Northward or North Eastward, and fair weather.

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

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## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,  
3rd October, 1913.

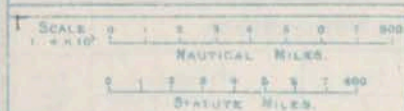
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.					
	At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Direc.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						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.			
Vandø	30.03	36	W	4	0	29.88	-0.06	36	-3	S	2	0	3	?	39	26	4	4	4	4			
Lerwick ...	30.12	52	ESE	2	c	30.05	-0.03	46	-4	SSW	1	bc	1	1	56	44	c	c	om	Hours			
Stornoway ...	30.08	50	SE	1	f	30.02	0.00	47	+7	SE	1	og	1	-	56	29	om	om	bc	2.5			
Castlebay (Barra Isd.)	30.02	53	M	1	bm	29.98	0.00	52	+1	E	2	og	1	-	58	47	bm	c-bm	bm	4.0			
Glasgow ...	30.04	54	NE	3	c	30.01	0.00	49	-2	ESE	1	og	1	-	57	49	c-bm	c	c-bm	3.6			
Malin Head...	30.01	53	NNE	2	bm	29.97	-0.02	51	-2	S	3	em	2	Trace	57	41	bm	bm	bm	*			
Blackrod Point ...	29.98	58	ENE	2	og	29.94	-0.02	52	-2	ENE	1	bc	1	Trace	61	47	og	og	bc	*			
Valencia ...	29.92	58	NE	1	bc	29.90	0.00	53	-2	-	0	og	2	-	61	53	c-bc	bc	bc	6.5			
Roche's Point ...	29.92	58	NE	3	0	29.92	0	55	0	NNW	2	0	1	0.04	62	54	bc	bc	om	*			
Birr Castle ...	29.94	56	NE	1	0	29.91	0	53	0	NE	1	f	1	0	58	52	c	0	of	0.0			
Donaghadee ...	29.98	57	NNE	3	og	29.97	0.00	54	-1	ESE	3	em	3	-	59	54	c	og	om	*			
Liverpool Obsy...	29.93	58	ENE	2	0	29.95	+0.01	55	-2	E	2	og	2	-	61	55	om	om	om	0.0			
Holyhead ...	29.90	58	ENE	4	cm	29.90	0.00	56	-1	ENE	3	cm	3	-	61	56	bc	om	om	0.1			
Pembroke (St. Ann's Hd.)	29.85	58	ENE	1	0	29.89	0.00	55	+1	ENE	3	cm	1	0.05	64	53	em	em	om	0.9			
Newquay ...	29.83	58	W	1	c	29.90	+0.02	54	+1	SSW	2	cm	2	0.01	64	53	bc	og	bc	1.3			
Scilly (St. Mary's) ...	29.83	59	-	0	cm	29.88	+0.01	55	-1	E	1	bc	2	-	64	54	bc	bc	om	5.8			
Jersey (St. Aubin) ...	29.87	61	W	1	bc	29.96	0	58	+1	SW	2	bc	1	0.01	64	53	c-c	bc	om	2.6			
Portland Bill ...	29.84	60	SSE	2	bc	29.90	+0.03	58	+1	-	0	bc	1	0.21	62	56	bc	bc	om	*			
Dungeness ...	29.86	60	SSW	3	c	29.93	+0.02	60	+1	SW	3	b	3	Trace	63	53	cp	op	bc	*			
Dover ...	29.86	60	SW	-	cp	29.94	0	54	-5	SW	1	bc	2	0.14	64	51	bc	bc	om	3.6			
Wick ...	30.07	53	SE	3	c	30.02	-0.01	49	-4	S	2	cm	3	-	55	43	bc	bc	om	*			
Nairn ...	30.06	46	-	0	bc	30.02	0	43	-3	-	0	m	1	Trace	52	41	c	bc	om	4.6			
Aberdeen ...	30.08	54	SE	2	c	30.04	0.00	50	-1	-	0	og	2	-	60	50	bc	c	og	1.2			
Leith ...	30.03	55	ENE	1	0	30.01	+0.01	50	-4	SE	1	c	1	-	57	48	c	c	0	*			
North Shields ...	30.01	54	NE	3	0	30.00	+0.02	54	-2	NE	2	0	3	0.04	58	53	c-c	d	0	0.5			
Spurn Head ...	29.93	59	E	3	0	29.93	+0.01	57	-2	NE	4	0	4	-	63	42	0	0	0	0.0			
Yarmouth ...	29.88	59	E	2	bc	29.90	0.00	57	-2	SW	1	f	1	-	63	57	bc	bc	om	3.6			
Clacton-on-Sea ...	29.85	61	ENE	2	c	29.92	+0.02	56	-4	WSW	1	bc	0	-	65	55	bc	bc	om	5.6			
Nottingham...	29.91	59	E	3	0	29.94	0	55	-3	N	2	0	0	-	63	55	0	0	0	0.0			
Bath ...	29.87	62	ESE	2	0	29.94	0	55	-2	NW	1	0	0	0.04	66	54	op	c-op	om	3.5			
London (Kew Obsy.)...	29.86	58	-	0	om	29.95	+0.02	53	-6	-	0	of	0	0.23	66	52	om	om	om	3.0			
Spitzbergen ...	29.67	31	SE	7	0	29.52	-0.04	23	0	S	3	0	0	0	31	10							
Isafjord...	30.09	42	M	1	b	30.03	-0.01	38	+1	-	0	0	0	0	0	0							
Reykjavik ...	30.07	48	-	0	0	29.96	-0.03	48	+6	ENE	3	0	0	0	0	0							
Vestmanna ...	30.05	45	SE	5	c	29.93	-0.02	44	0	ESE	6	c	1	0	0	0							
Seydisfjord ...	30.15	44	NE	3	0	30.08	-0.03	38	-1	-	0	b	0	0	0	0							
Thorshavn ...	30.12	49	-	0	0	30.06	-0.01	49	+2	SE	2	0	0	0	0	0							
Haparanda ...	30.09	34	N	2	b	29.92	-0.08	45	+8	W	2	+	0	0.24	48	34							
Hernösand ...	30.06	45	-	0	0	29.95	-0.02	41	-10	-	0	c	0	0	61	34							
Stockholm ...	30.02	48	W	2	b	29.89	-0.02	47	-2	WNW	2	0	0	Trace	61	43							
Wisby ...	30.08	49	WSW	2	b	29.93	-0.04	53	-1	WSW	2	b	0	0	55	46							
Karlstad ...	30.04	52	-	0	c	29.94	-0.04	48	+7	SW	2	c	0	0	57	41							
Färder (X'anta Fjord)	30.04	54	SSW	4	0	29.94	0.00	52	0	NW	1	0	1	0	55	52							
Bodö ...	30.02	45	SW	2	+	29.88	-0.02	45	-1	SW	4	+	2	0.28	48	43							
Christiansund ...	30.10	49	SW	1	0	30.02	-0.02	48	-2	-	0	0	2	0	52	46							
Skudesnaes ..	30.06	52	NNE	2	0	29.97	-0.01	50	-1	N	2	0	1	0	54	48							
The Scaw (Skagen)...	30.05	54	WSW	1	0	29.94	-0.01	53	0	WSW	1	0	0	0	57	50							
Blaavands Huk ...	30.02	46	ESE	1	b	29.98	0.00	45	-3	ESE	1	m	0	0	61	41							
Cuxhaven ...	29.97	54	SE	2	b	29.95	0.00	47	-2	S	1	f	0	0	59	46							
The Helder ...	29.92	60	E	3	c	29.91	+0.02	57	+2	SSE	1	m	0	Trace	61	35							
Brussels ...	29.93	57	SSE	2	c	29.98	+0.03	55	0	-	0	b	0	0	70	50							
Berlin ...	30.03	55	SE	2	b	30.01	+0.01	49	+4	S	1	b	0	0	61	45							
Frankfurt ...	30.00	59	-	0	b	30.06	+0.02	55	+5	-	0	f	0	0	72	50							
Munich ...	30.08	52	NE	1	b	30.15	+0.01	48	-5	S	2	f	0	0	59	46							
C. Gris Nez...	29.87	59	SW	2	0	29.95	+0.02	55	0	S	3	bc	2	0.12	68	54							
La Hève ...	29.86	59	SSW	2	0	29.91	0	52	-1	SE	2	m	1	0	63	50							
Brest (St. Mathieu) ...	29.84	59	SE	1	bc	29.88	0	58	-1	SE	2	m	3	0	66	54							
Lorient (Boc Maen)...	?	62	SW	1	0	?	0	57	-2	SSE	2	c	1	0.04	66	54							
Rochefort (Ile d'Als)	29.91	63	S	1	0	29.97	+0.06	54	-2	SSE	3	0	0	0.35	68	57							
Biarritz ...	29.85	68	SSE	2	c	29.95	+0.02	60	+2	S	2	b	1	0	75	58							
Paris ...	29.94	57	S	2	b	30.00	+0.02	54	-1	S	1	c	0	0.04	64	54							
Belfort ...	30.04	59	W	2	0	30.12	0	55	+3	-	0	0	0	0	70	52							
Lyons ...	30.07	57	S	2	c	30.09	0	58	-3	E	1	bc	0	0.08	61	52							
Nice ...	30.12	60	-	0	b	30.17	+0.02	59	+1	-	0	+	3	0	70	57							
Perpignan ...	29.91	66	S	3	bc	30.01	+0.03	54	-2	SW	1	+	0	0	74	51							
Sanguinaire ...	30.07	70	S	1	0	30.09	0	68	+2	E	1	m	3	0	73	64							
Corunna (S. m.) ...																							
Lisbon (S. m.) ...	29.98	61	NW	3	b																		

\* Information for these columns not usually received.

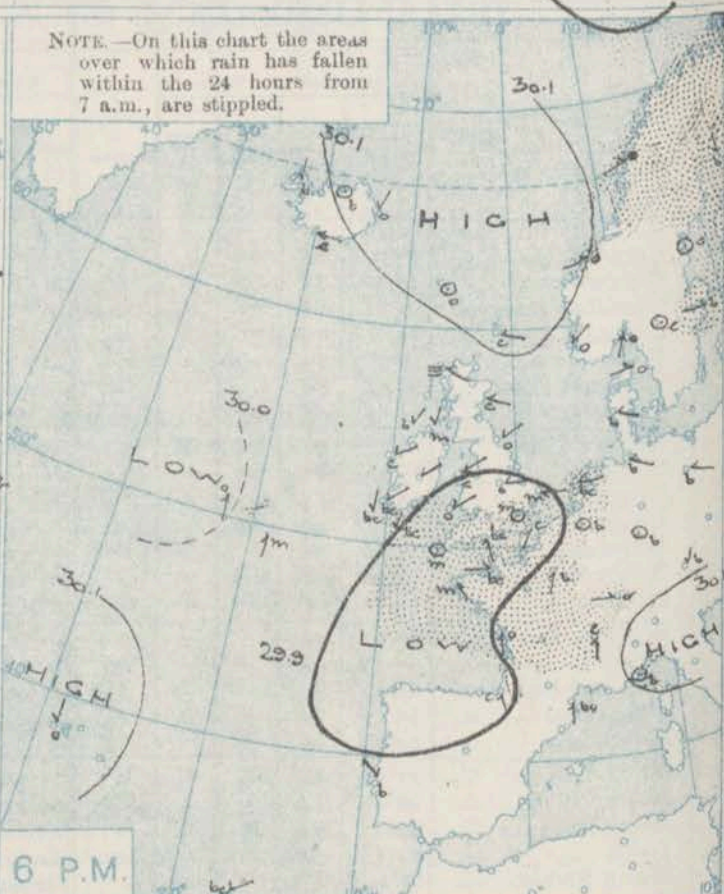
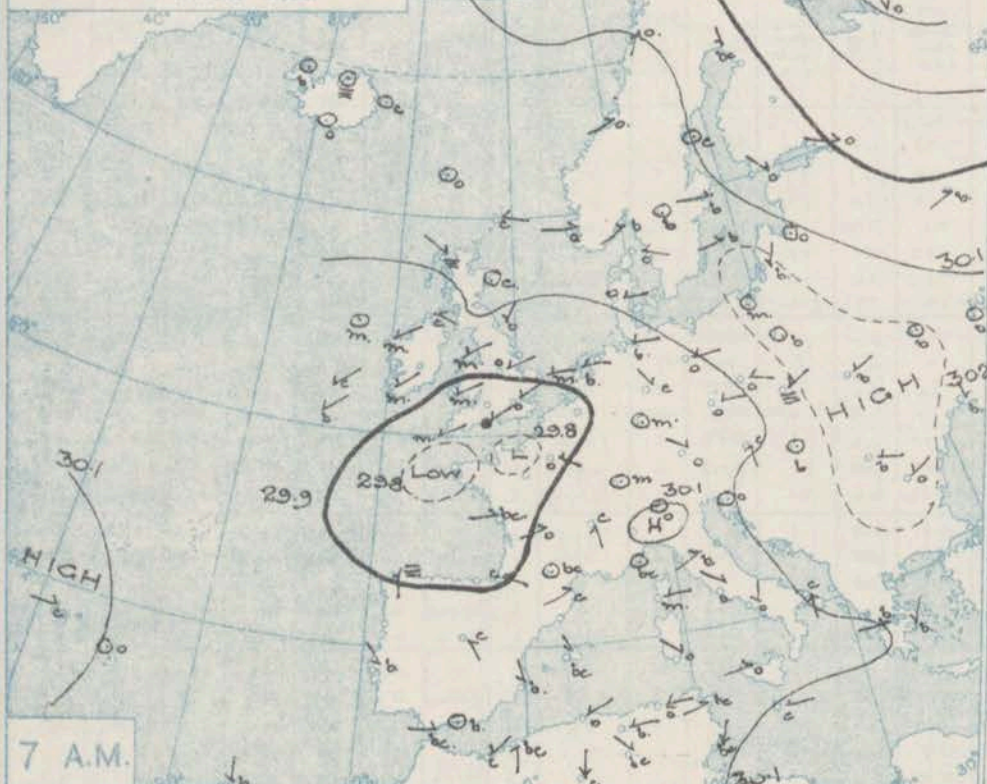
† Received too late for insertion in Charts.



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 2<sup>ND</sup> OCT. 1899



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



## GENERAL INFERENCE

The increasing uniformity of barometric pressure is likely to result in a general prevalence of light, variable winds, with cloudy, misty weather in most districts.

## WEATHER PROSPECTS.

The appearance of a new cyclonic disturbance off southern Iceland will lead eventually to the formation of southerly breezes along our extreme western coasts.

### FORECASTS FOR THE 24 HOURS NOON

### FRIDAY

### TO NOON SATURDAY.

- 0 {  
a } Light breezes, mainly from  
b } the South-Eastward or Southward;  
1 } cloudy, mist or fog locally; cool.

- 2 {  
a } Light Easterly to variable air;  
b } cloudy, misty, slight local  
showers; moderate temperature.

- 3 } Light breezes, chiefly from  
the Southward or South-Eastward;  
4 {  
a } fair generally, but misty or  
b } foggy in places; moderate  
5 } 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 } Light Easterly to South-Easterly  
b } winds; cloudy, mist or fog  
7 {  
a } locally; cool.  
b }

- 8 {  
a } Light breezes, chiefly southerly;  
b } cloudy, misty, slight local showers;  
moderate temperature.

- 9 {  
a } Light breezes, chiefly from the  
b } Southward or South-Eastward;  
fair, but misty at first, cloudy  
later, with local showers;  
10 {  
a } moderate temperature.  
b }

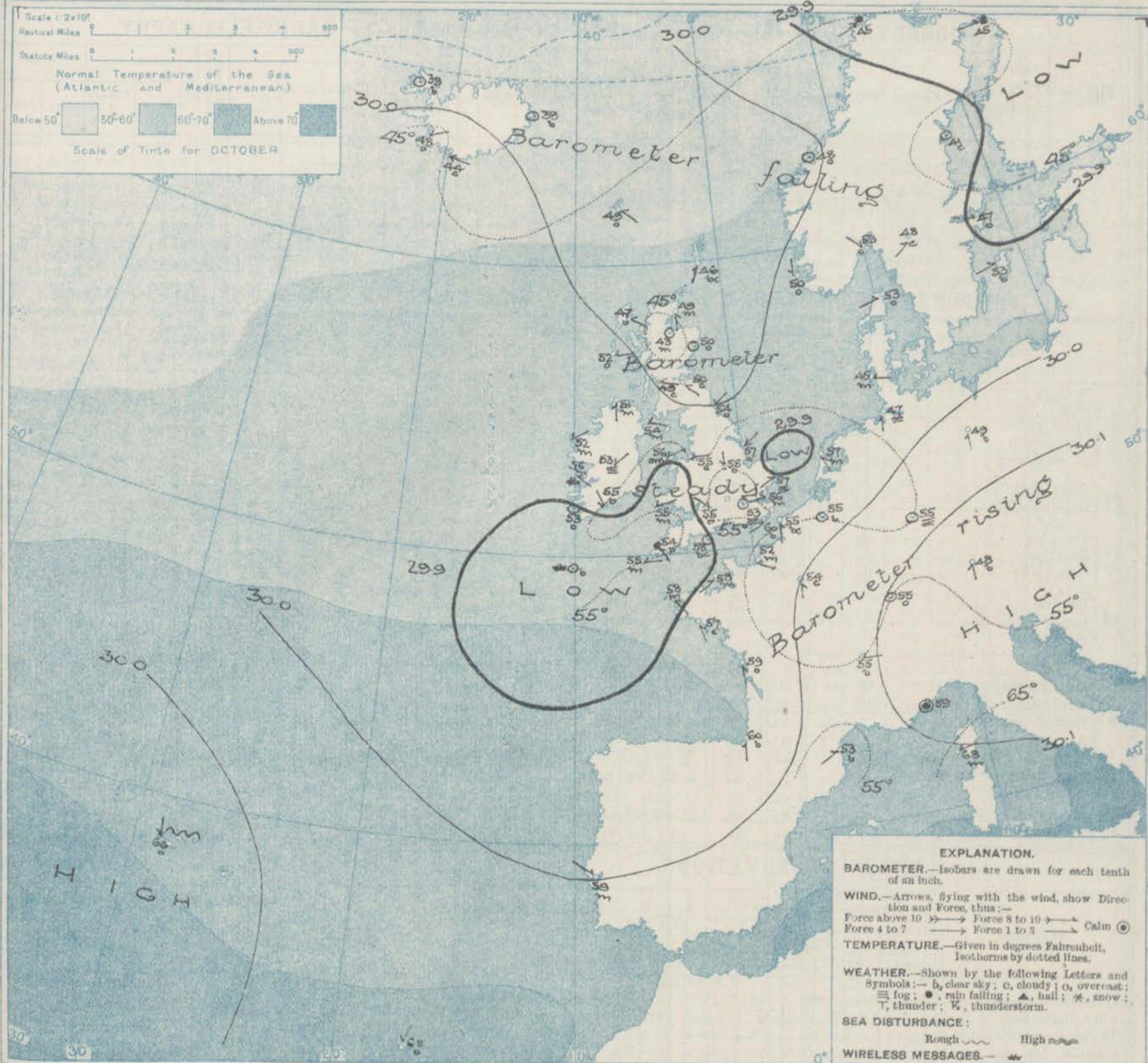
### 11 WESTERN CHANNEL AND BAY.

Light southerly winds, and a slight sea; cloudy, misty, slight local showers; moderate temperature.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. FRIDAY, 3<sup>RD</sup> OCTOBER 1913.



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

The large anticyclone recently noticed over the northern parts of our area of observation is gradually giving way. A shallow area of low readings lies over our south west coasts and the adjacent portions of the Atlantic, and a new low pressure system is apparently approaching Iceland from the southward.

The wind is light in force generally, chiefly from the southward in France, and from the south-westward in the south of England, but from the Eastward on all our more northern coasts. Temperature has changed rather

irregularly, but fallen in most places. Over the United Kingdom the morning readings range from between 57° and 60° on the east and south east coasts of England to 50° and less in Scotland, and to 48° at Nidar. The weather is fine and bright over the Channel and the neighbouring portions of the Continent, but cloudy and misty over Western Europe as a whole. Rain is falling in the north of Scandinavia and also at Nice. The sea is slight or smooth generally.



## DAILY WEATHER REPORT.

Friday, 3rd October, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward O Homeward H	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward O Homeward 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.	
3rd 7 a.m.	49	11	Oceanic	H	29.87	0.0	(0-12)	0	b.	2nd 6 p.m.	51	10	Cedric	H	29.90	-0.5	NNE	1-3	b.
" 52°33' 9'47"			H.M.S.		29.87		SE	1	m.	" 2 6 p.m.	56	8	Lunisian	H	30.02	+0.5	NE	1-3	b.
Dry Bulb 56° Wet Bulb 56° Sea Temperature 58° Sea Disturbance 1.			Barometer falling.							" 7 a.m.	48	24	Oceanic	H	30.03	-0.1	S	1-3	b.
2nd 6 p.m. 50°24' 9'44"			H.M.S.		29.93		NNE	2	b.	" "	50	16	Cedric	H	30.04	-0.3	NE	1-3	b.
Dry Bulb 63° Wet Bulb 62° Sea Temperature 7° Sea Disturbance 3.										" "	51	15	Lunisian	O	30.03	+0.3	NE	1-3	b.
" 6 p.m. 50			Laconia		29.88	-0.10	S	4-5	b.	" "	55	14	Mongolian	O	30.06	-0.1		0	m.
" 7 6 p.m. 49 18			Oceanic	H	29.96	-0.02	SSW	1-3	m.	" "									

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	...	60	44	b.c.	b.c.	8.0	England, S.E.	Margate	...	65	58	b.c.	b.c.	5.1
	Stonehaven	...	...	...	...	...	...		Ramsgate	...	63	58	b.c.	b.c.	4.4
	Carnoustie	...	...	...	...	...	...		Folkestone	0.23	66	56	b.c.	or.	2.9
	St. Andrews	...	57	52	b.c.	b.c.	4.2		Hythe	...	...	...	...	...	3.5
Engl. N.E.	Harrogate	0.05	57	54	o	o	0.0	England, S.E.	Littlestone	...	63	55	or b.c.	b.c.	1.6
	Scarborough	...	57	54	of	o	0.0		Hastings	0.14	63	55	or b.c.	b.c.	0.9
England, N.W.	Douglas	...	61	56	o	o	0.0		Bexhill-on-Sea	0.11	62	56	o.c.	b.c.	0.5
	Blackpool	...	60	55	o	o.c.	0.0		Eastbourne	0.09	61	54	o.c.	b.c.	0.5
	Southport	...	60	55	o	o.c.	0.0		Seaford	0.07	68	54	b.c.	or	1.1
Mid-lands.	Buxton	...	58	53	b.c.	c.	0.0		Brighton	0.08	61	55	b.c.	b.c.	0.8
	Leamington Spa	0.02	65	56	c.b.	c.rlt.	0.0		Worthing	0.21	61	55	c.or	c.or	1.3
	Malvern	...	...	...	...	...	0.4		Littlehampton	0.22	...	...	...	...	0.0
Wales.	Rhyl	...	61	57	b.c.	og.	0.0		Southsea	0.20	61	54	o.or	or.	0.0
	Colwyn Bay	...	61	58	b.c.	mg.	0.0	England, S.W.	Ryde	0.06	61	?	unsettled	...	...
	Llandudno	...	61	57	o	b.c.	0.0		Ventnor	...	...	...	...	...	1.9
	Bettws-y-Coed	0.12	62	?	...	...	0.0		Bournemouth	...	65	51	c.o.	c.o.	2.0
England, E.	Aberystwyth	0.18	62	57	o.c.	o.b.	0.0		Weymouth	0.02	66	54	b.c.	cy.	0.0
	Tenby	0.18	65	56	b.c.	tr.b.	0.0		Exmouth	0.05	63	52	b.c.	c.	0.8
	Lowestoft	...	64	58	c.b.	b.c.	4.7		Teignmouth	...	64	55	c.	c.	0.0
	Felixstowe	...	64	58	c.b.	b.c.	5.9		Torquay	0.13	61	53	o	o	0.1
England, E.	Walton-on-Naze	...	64	59	b.c.	b.c.	5.0		Paignton	0.13	61	54	or	o.b.	1.1
	Southend-on-Sea	0.39	68	55	o	b.c.	5.0		Falmouth	...	61	51	b.c.	o.	2.1
									Bude	...	66	56	w.a.b.	b.c.	1.0
									Ilfracombe	0.03	62	57	o	o.	0.5
									Weston-super-Mare	0.28	63	53	c.b.	tr. b.c.	...

## 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.	
	%	%	Max.	Min.		...	...	
Greenwich (Royal Obs.)	79	99	66	48	36	b.c.	or b.c.	3.5
City (Bunhill Row)	...	...	...	...	...	...	...	2.8
Westminster (St. James's Pk.)	88	96	66	53	48	o.c.	or	3.0
Camden Sq. (Brit. Rainfall)	76	93	70	53	50	b.c.	ct. o.	3.6
Hampstead (Reservoir)	...	99	66	51	44	b.c.	or	4.2
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.)			513	Joules.	12.3	Milliwatts.	36.5	MSWatts.

## Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	
		Max.	Min.	...	...	
Dublin to 4 p.m.	...	58	56	53	b.c.	og.
Plymouth to 9 p.m.	...	...	...	...	...	...
Darwen	...	67	54	52	c.ou	on
Manchester	...	61	58	...	o	o
Birmingham	0.02	61	56	52	...	o
Oxford to 8 p.m.	...	63	53	48	cm.o	o.c.
S. Kensington (Museum Grounds to 6 p.m.)	0.01	66	56	48	b.c.	b.c.

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 65° or slightly above it in several parts of England but in Scotland the maximum readings were mostly below 60°. The amount of bright sunshine was generally small; at many of our western stations there was none. Slight rain fell in many districts, and thunderstorms occurred locally over Central and southern England; at New Malden 1.2 in. of rain was measured. Wireless reports show that as far west as the 16th meridian ships experienced light N.E. winds and fair weather; further to the W. the wind was S.W.

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

3rd & 4th Oct. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 6.0 S.S.T. 11.42	G.M.T. 11.42 S.S.T. 5.23	G.M.T. 5.23 S.S.T. 11.42
Greenwich	6.4 6.7	11.49 11.49	5.33 5.31
Wick	6.23 6.26	12.1 12.1	5.39 5.36
Valencia	6.45 6.47	12.30 12.30	6.14 6.12

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,  
14th October, 1913.

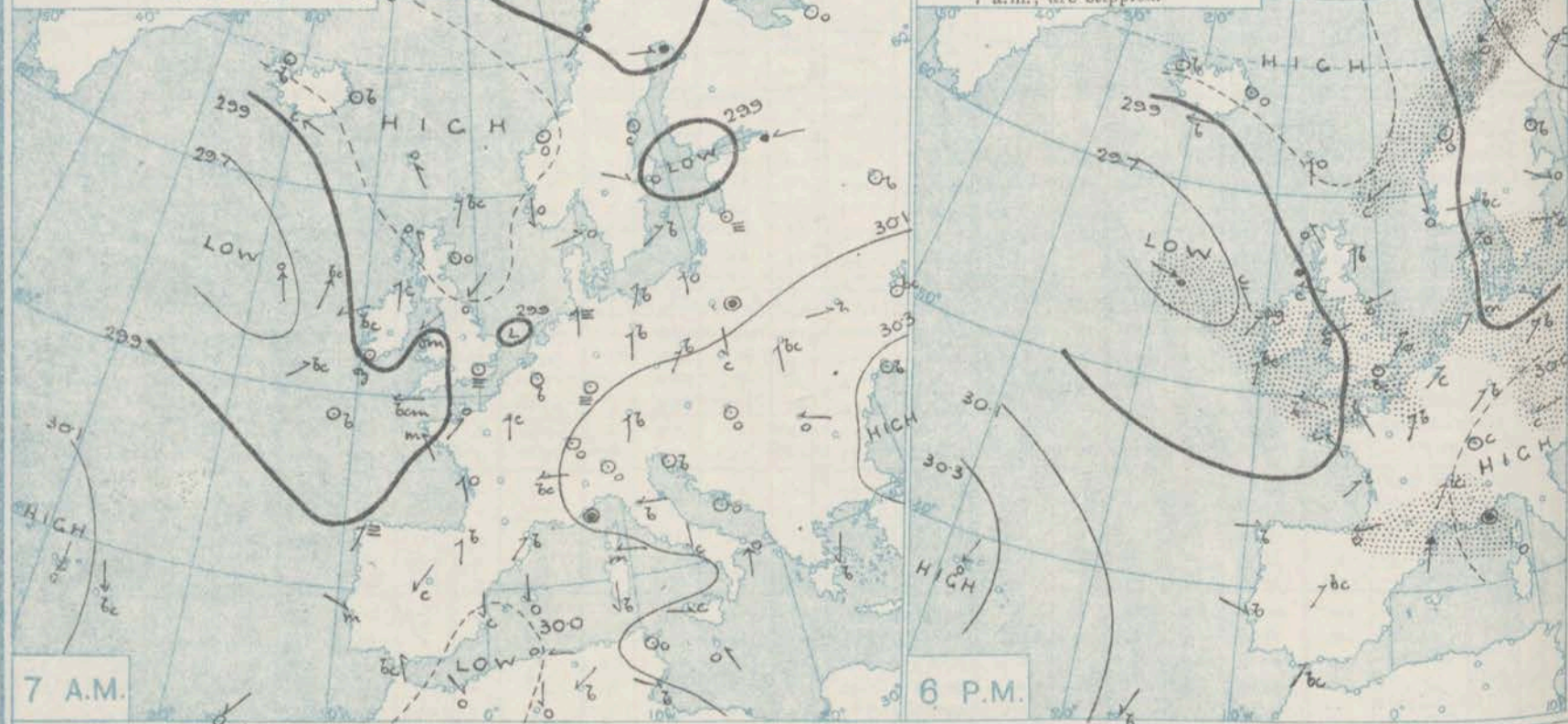
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12).	Weather.			Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.				
<i>Yarado</i>	29.54	36	S	2	r	29.41	-0.05	34	-2	NNE	7	m	4	?	37	34	*	*	*	*	Hours		
Lerwick ... ..	29.98	49	NE	2	c	29.91	-0.01	46	0	NNE	3	bc	2	trace	54	44	bc	bc	bc	bc	*		
Stornoway ... ..	29.95	51	SE	1	og	29.87	-0.02	44	-3	NE	1	bc	1	-	54	44	o	o	o	o	1.1		
Castlebay (Barra Isd.)	29.90	54	ENE	2	bc	29.77	-0.01	54	+2	E	3	o	3	-	57	52	o	o	o	o	4.0		
Glasgow ... ..	29.95	52	NE	1	o	29.83	-0.03	47	-2	E	2	og	*	-	57	46	o	o	o	o	1.2		
Malin Head ... ..	29.87	55	ESE	3	cm	29.70	-0.03	55	+4	SE	4	af	2	-	58	?	bc	bc	bc	bc	*		
Blacksod Point ... ..	29.81	58	SW	1	og	29.65	-0.03	55	+3	S	3	cm	2	trace	59	49	bc	bc	bc	bc	*		
Valencia ... ..	29.83	57	SSW	1	bc	29.62	-0.02	54	+1	WSW	1	cm	3	0.30	63	51	o	o	o	o	1.6		
Roche's Point ... ..	29.85	58	SSE	1	o	29.69	*	57	+2	S	2	cm	3	0.02	61	55	ogm	ogm	ogm	ogm	*		
Birr Castle ... ..	29.83	59	-	0	m	29.69	*	52	-1	SE	1	m	*	-	63	50	c	af	af	af	0.9		
Donaghadee ... ..	29.90	56	SSE	3	cg	29.74	-0.04	55	+1	SSE	3	c	3	0.06	58	54	cm	cg	cg	cg	*		
Liverpool Obsy. ...	29.92	57	SE	2	o	29.79	-0.03	55	0	ESE	2	ogm	2	trace	60	54	cm	ogm	ogm	ogm	0.0		
Holyhead ... ..	29.88	58	ENE	1	om	29.74	-0.02	55	-1	SSE	2	cpm	1	0.13	60	55	cm	ogm	ogm	ogm	0.0		
Pembroke (St. Ann's Hd.)	29.98	57	S	2	c	29.75	+0.02	55	0	SE	2	cp	2	trace	62	55	ogm	ogm	ogm	ogm	1.9		
Newquay ... ..	29.87	56	SE	2	bc	29.72	-0.03	56	+2	SE	2	o	1	0.26	64	54	bc	bc	bc	bc	5.2		
Scilly (St. Mary's) ...	29.86	57	SE	2	bm	29.73	-0.03	55	0	SE	1	m	2	trace	62	54	bc	bc	bc	bc	2.4		
Jersey (St. Aubin) ...	29.93	61	SE	2	b	29.80	*	59	+1	S	3	om	3	0.02	63	57	om	o	o	o	2.0		
Portland Bill ... ..	29.93	59	WSW	2	bc	29.78	-0.04	60	+2	SE	3	bc	2	-	64	57	bc	bc	bc	bc	*		
Dungeness ... ..	29.94	60	WSW	3	b	29.87	-0.03	59	-1	ESE	1	o	1	0.16	65	50	bc	bc	bc	bc	*		
Dover ... ..	29.92	57	SW	2	b	29.85	*	54	0	SW	1	bc	2	0.12	64	50	m	bc	bc	bc	8.8		
Wick ... ..	29.96	53	SSE	2	c	29.89	-0.02	41	-8	SE	1	bc	2	-	54	41	cm	cm	bc	bc	*		
Nairn ... ..	29.94	52	-	0	og	29.85	*	46	+3	-	0	om	1	-	53	41	mb	bc	bc	bc	3.4		
Aberdeen ... ..	29.98	54	S	1	o	29.87	-0.02	50	0	-	0	og	2	-	55	49	og	og	og	og	0.0		
Leith ... ..	29.94	54	ESE	2	o	29.83	-0.02	45	-5	SSE	1	c	*	-	58	44	bc	bc	bc	bc	*		
North Shields ... ..	29.97	51	ENE	2	o	29.86	-0.02	50	-4	SE	1	fe	3	0.01	55	50	o	o	o	o	?		
Spurn Head ... ..	29.93	58	ENE	4	c	29.82	-0.06	57	0	ESE	3	m	4	0.06	63	52	o	o	o	o	0.2		
Yarmouth ... ..	29.90	57	SW	1	cm	29.83	-0.03	50	-7	WSW	1	f	1	0.16	64	49	cm	cm	cm	cm	0.2		
Clacton-on-Sea ... ..	29.91	61	-	0	ogm	29.84	-0.01	51	-5	WNW	1	f	0	trace	65	50	bc	bc	bc	bc	3.7		
Nottingham ... ..	29.93	57	ENE	3	o	29.84	*	54	-1	S	2	f	*	0.04	61	53	o	o	o	o	0.3		
Bath ... ..	29.92	58	SE	1	o	29.81	*	52	-3	NE	3	m	*	0.05	65	48	mo	o	o	o	1.6		
London (Kew Obsy.) ...	29.93	59	-	0	bc	29.85	-0.02	53	0	SE	1	ofw	*	trace	65	49	bc	bc	bc	bc	3.1		
Spitzbergen ... ..	29.78	28	E	5	b	29.98	+0.01	20	-3	-	0	b	*	-	34	18	*	*	*	*			
Isafjord ... ..	30.02	45	-	0	b	30.15	+0.02	38	0	N	3	b	*	-	*	*	*	*	*	*			
Reykjavik ... ..	29.91	51	ESE	5	b	30.04	+0.04	45	-3	E	2	c	*	-	*	*	*	*	*	*			
Vestmanna ... ..	29.88	46	E	6	b	29.98	+0.01	45	+1	E	5	bc	1	-	*	*	*	*	*	*			
Seydisfjord ... ..	30.07	42	-	0	o	30.14	+0.02	41	+3	-	0	+	*	-	*	*	*	*	*	*			
Thorshavn ... ..	30.01	49	S	2	o	29.99	-0.01	46	-3	ENE	2	o	*	-	*	*	*	*	*	*			
Haparanda ... ..	29.89	46	SW	2	c	29.44	-0.01	33	-12	NW	2	b	*	-	46	30	*	*	*	*			
Hernösand ... ..	29.84	37	-	0	b	29.65	-0.04	42	+1	NW	2	bc	*	-	50	34	*	*	*	*			
Stockholm ... ..	29.83	47	WNW	2	o	29.74	-0.01	48	+1	W	2	o	*	-	52	45	*	*	*	*			
Wisby ... ..	29.80	53	W	2	c	29.76	-0.01	50	-3	N	2	o	*	0.04	55	48	*	*	*	*			
Karlstad ... ..	29.89	46	-	0	o	29.74	-0.02	45	-3	-	0	f	*	-	52	39	*	*	*	*			
Færder (X'lania Fjord)	29.87	53	WSW	1	bc	29.75	-0.04	53	0	SW	2	f	1	-	54	52	*	*	*	*			
Bodö ... ..	29.78	37	NE	4	o	29.46	-0.09	36	-9	W	8	c	4	0.20	45	30	*	*	*	*			
Christiansund ... ..	29.93	48	-	0	o	29.85	-0.01	44	-4	NE	2	o	2	0.12	50	44	*	*	*	*			
Skudesnaes ... ..	29.93	51	NNW	2	o	29.84	-0.02	47	-3	NE	2	c	2	-	51	45	*	*	*	*			
The Scaw (Skagen) ...	29.84	52	SW	1	o	29.80	-0.02	50	-3	WSW	1	b	0	trace	55	45	*	*	*	*			
Blaavands Huk ... ..	29.93	53	N	1	b	29.88	-0.02	52	+7	NNW	1	o	1	trace	57	43	*	*	*	*			
Cuxhaven ... ..	29.90	56	SW	1	na	29.88	-0.02	54	+7	-	0	m	0	0.32	61	47	*	*	*	*			
The Helder ... ..	29.93	57	SW	1	b	29.86	-0.01	55	-2	-	0	m	0	0.59	63	48	*	*	*	*			
Brussels ... ..	29.96	57	SW	1	c	29.89	-0.01	52	-3	SE	2	f	*	-	68	50	*	*	*	*			
Berlin ... ..	29.95	61	SW	1	b	29.89	-0.01	55	+6	SW	1	f	*	-	68	49	*	*	*	*			
Frankfurt ... ..	29.99	63	SW	1	b	29.95	-0.04	50	-5	NE	1	f	*	-	73	50	*	*	*	*			
Munich ... ..	30.07	57	ENE	1	c	30.02	-0.02	49	+1	S	2	bc	*	0.12	64	46	*	*	*	*			
C. Gris Nez ... ..	29.94	60	WSW	3	bc	29.85	-0.02	55	0	S	2	c	2	0.16	64	52	*	*	*	*			
La Hève ... ..	29.90	64	W	1	b	29.86	*	54	+2	SSE	2	m	2	-	70	52	*	*	*	*			
Brest (St. Mathieu) ...	29.88	62	SE	3	c	29.79	+0.01	59	+1	SW	4	o	3	0.08	70	58	*	*	*	*			
Lorient (Roe Molen) ...	29.96	62</																					



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

SCALE  
NAUTICAL MILES  
STATUTE MILES

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



## GENERAL INFERENCE

A depression over Ireland appears to be moving eastward or south-eastward and becoming less deep. It is likely to

## WEATHER PROSPECTS.

cause some rain in the western districts, and a good deal of cloud further east.

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

- 0 {  
a  
b  
1  
2 {  
a  
b  
3  
4 {  
a  
b  
5
- Light South-Easterly to Southerly winds; mist or fog locally; mostly fair; moderate temperature
- Light winds, mainly between South-East and South-West, some mist or fog, but mostly fair; no great change of temperature

### FORECAST DISTRICTS.



### STORM WARNINGS.

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

Signals hoisted yesterday.	Signals hoisted this morning.
South 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
- Wind mainly Southerly or South-Easterly, light in force; much cloud, occasional rain; moderate temperature.
- Light winds, mainly between South-East and South-West; much cloud, occasional rain; some mist or fog on coasts; no great change of temperature.

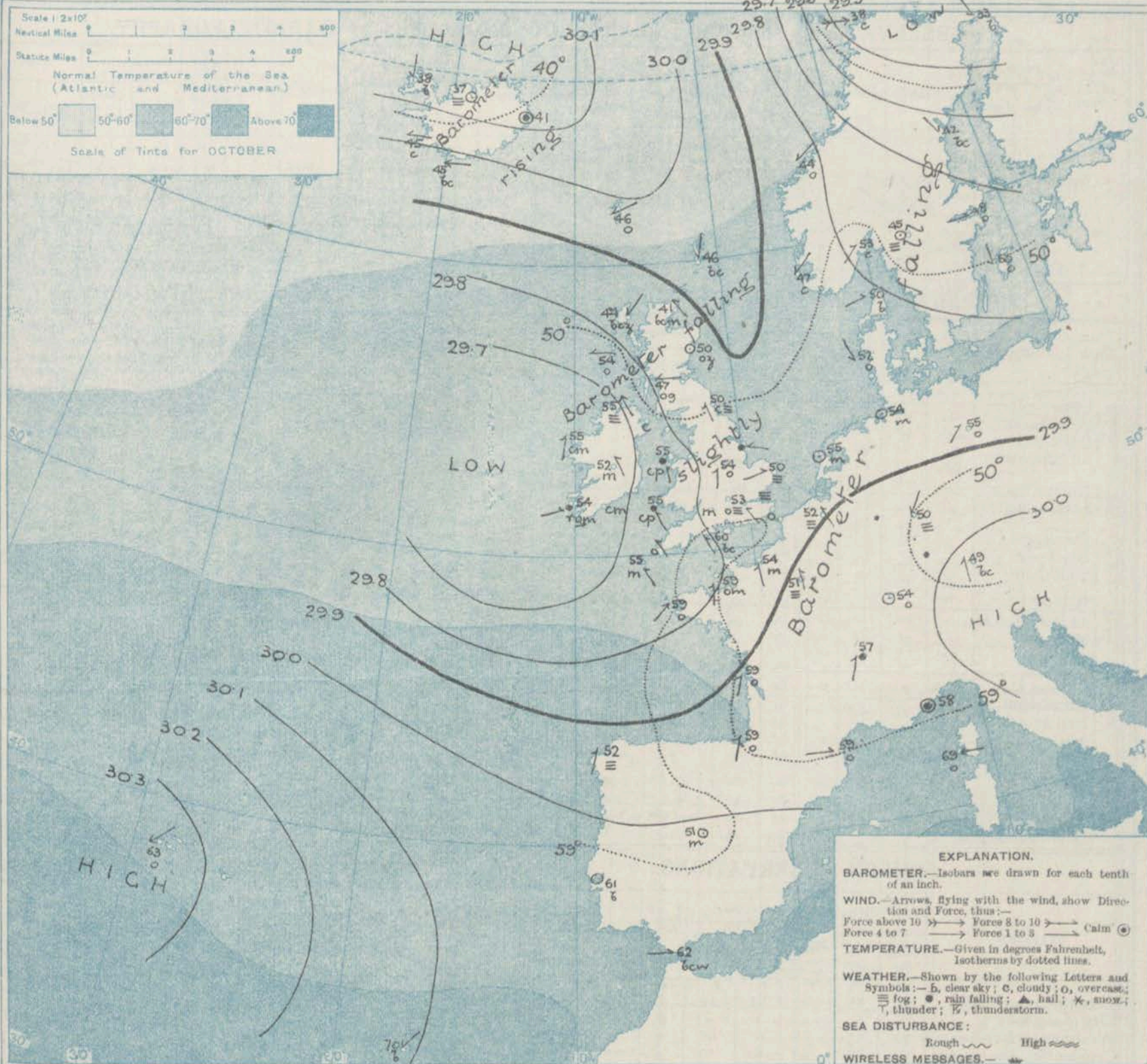
### 11 WESTERN CHANNEL AND BAY.

Light to moderate South-Westerly to Westerly winds; sea moderate or slight; fair, but misty.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. SATURDAY, 4<sup>TH</sup> OCTOBER 1913.



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

A shallow depression covers Ireland. Over the North Sea there is a "col" connecting a high pressure system over Iceland, with one over Central Europe and separating the Irish depression from a cyclonic system centred north-east of Norway. The lowest reading reported is 29.4 in. at Vardö. The barometer has risen to above 30.3 in. in the Azores.

The wind is light except in the north of Norway where it is blowing a gale from the westward. In the region of the British Isles the general direction is from between south and south-east. The morning temperature readings stand at about 60° along the

eastern part of the south coast. Elsewhere they are decidedly lower, only 41° at Wick. Mist or fog is reported from many of our stations both at home and abroad. On the east coast of England, it is particularly frequent. Rain is falling at some of the western stations. The sea is slight or smooth on all coasts.



## DAILY WEATHER REPORT.

Saturday, 4th October 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.	
3rd. G.p.m.	56	18	Turisian	H	29.61	+11	WNW	6-7	r	3rd 7 a.m.	56	18	Lazaventie	H	29.61	+01	SSW	4-5	o
"	56	13	Lazaventie	H	29.70	+02	ESE	1-3	c	"	51	14	Merion	O	29.77	-02	WSW	1-3	bc
"	"	"	"	"	"	"	"	"	"	"	56	14	Turisian	H	29.90	+06	SSW	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.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
Oban ...	...	61	42	6	bc	2.1	Ramsgate ...	...	65	50	bc	bc	6.0
Stonehaven ...	...	...	...	...	...	...	Folkestone ...	...	64	50	bc. b	bc	4.2
Carnoustie ...	...	...	...	...	...	...	Hythe ...	0.01	64	54	bc. b	bc	7.6
St. Andrews ...	...	56	44	0	o. c	0.0	Littlestone ...	...	...	...	...	...	9.1
England, N.E.	...	55	50	bc. c. o	c. o. c	0.9	Hastings ...	0.01	68	54	o. b	b	8.3
Harrogate ...	...	57	55	0	c. b	0.2	Bexhill-on-Sea ...	...	66	55	bc. b	b	8.7
Scarborough ...	...	...	...	...	...	...	Eastbourne ...	...	61	53	bc. b	b	8.5
England, N.W.	...	60	53	c	o	0.9	Seaford ...	0.01	64	55	c. o. c	b	7.7
Douglas ...	...	...	...	...	...	...	Brighton ...	0.03	66	54	c. bc. b	bc. bc	8.8
Blackpool ...	...	60	?	o. bc. o	og. bc. o	1.2	Worthing ...	0.17	66	52	b	b	8.6
Southport ...	?	...	...	...	...	...	Littlehampton ...	0.25	...	...	...	...	7.8
Mid-lands.	...	55	51	c. r	c	0.0	Southsea ...	0.02	67	53	b	b	7.0
Buxton ...	0.22	...	...	...	...	...	Ryde ...	...	66	58	b	b	6.3
Leamington Spa ...	0.87	60	58	0	0	0.0	Ventnor ...	...	67	55	-	-	8.0
Malvern ...	...	...	...	...	...	...	Bournemouth ...	0.11	67	53	bc. b	b	7.0
Wales.	...	62	55	0	0	0.0	Weymouth ...	0.03	67	54	b	bc. b	6.6
Rhyl ...	...	60	55	c. bc	bc. o	0.0	Exmouth ...	0.03	65	52	bc. b	b	6.0
Colwyn Bay ...	...	61	34	0	0	0.0	Teignmouth ...	0.01	66	53	bc. b	b. bc	7.2
Llandudno ...	0.07	62	46	0	0	0.0	Torquay ...	...	65	54	b	bc. c	9.2
Bettws-y-Coed ...	...	61	53	o. c. o	o. c. o	0.3	Paignton ...	...	65	53	bc. b	b	6.5
Aberystwyth ...	0.13	65	54	g	o. bc. o	0.9	Falmouth ...	...	61	51	f. c. bc. f	c. f	2.4
Terby ...	0.01	...	...	...	...	...	Bude ...	0.02	64	57	o. bc.	bc. p	1.5
England, E.	...	64	50	o. c	c. o. r	0.5	Ilfracombe ...	0.01	63	54	o	o	0.2
Lowestoft ...	0.22	...	...	...	...	...	Weston-super-Mare ...	...	64	53	c	c. bc	1.6
Felixstowe ...	...	65	54	c. bc	c. m	5.6							
Walton-on-Naze ...	...	62	55	bc. bc	c. m	4.1							
Southend-on-Sea ...	...	69	53	0	bc	4.0							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.	
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.			
			Max.	Min.														Max.		Min.
			24 HOURS ENDED 9 A.M. TO-DAY.																	
Greenwich (Royal Obs.) ...	64	99	67	48	36	-	c. bc	bc	bc. f	3.9	Dublin to 4 p.m.	In.	F.	F.	F.				3.1	
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	3.4	Plymouth to 9 p.m.	-	64	54	50	0	c. b	0		
Westminster (St. James's Pk.)	80	97	66	51	45	-	bc	bc.	bc. f	4.2	Darwen "								1.3	
Camden Sq. (Brit. Rainfall)	70	95	67	50	47	-	o. c	b. bc	bc. f	3.5	Manchester "	Trace	63	55	*	o. c	c. bc	bc. c	0.0	
Hampstead (Reservoir) ...	*	98	63	49	37	-	bc	bc	om	3.5	Birmingham "	0.12	57	54	51	*	0	o. r	2.6	
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.)	66	91	756 Joules.		18.3 Milliwatts.		53 Milliwatts.		3.8		S. Kensington (Museum Grounds to 6 p.m.)	-	66	53	49	om	om. c. bc	bc. c	*	

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

4th-5th Oct. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.0 8.2	G.M.T. 11.42 11.42	G.M.T. 5.23 5.21
Greenwich ...	6.7 6.9	11.49 11.49	5.31 5.29
Wick ...	6.26 6.28	12.1 12.1	5.36 5.34
Valencia ...	6.47 6.49	12.30 12.30	6.12 6.10

Rain has fallen at most English stations and also in the north and south of Ireland, the largest amount reported is 0.30 in at Valencia. Temperature reached 67° at some south coast stations, but in the north the maxima were but little above 50°. Over 8 hours of bright sunshine were recorded in the south-east of England, but over the greater part of the country the amounts were small.

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

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday  
5th October, 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.				
		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'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.				
Vardö		29.54	32	NE	6		0		29.58	+0.1	32	-2	NE	8	c	4	7	37	32					Hours
Lerwick ...		29.92	48	NNE	2	cpq			29.96	+0.2	45	-1	NNE	5	cpq	5	0.05	51	44	bcp	cp	cpq		*
Stornoway ...		29.85	51	ENE	5	b			29.92	+0.4	47	+3	E	6	bcp	5	trace	57	44	bcp	b	o'bcg	8.6	
Castletay (Barra Isd.)		29.74	56	ENE	3	o			29.78	+0.1	51	-3	NE	4	bc	4	-	56	50	o'bc	o'bc	o'bc	o'bc	
Glasgow ...		29.75	52	NE	3	o			29.75	+0.1	48	+1	ENE	4	od	4	trace	55	47	o'bcg	o	o'bcg	o'q	
Malin Head...		29.68	54	SE	4	m			29.65	0.0	53	-2	ESE	5	c	4	trace	57	43	om	omg	om	*	
Blacksod Point ...		29.60	55	SE	1	ot			29.54	+0.1	55	0	E	4	or	3	0.05	58	53	om	omg	om	*	
Valencia ...		29.58	51	N	3	tny			29.51	-0.1	50	-4	E	2	otgm	4	1.31	58	48	omg	omg	omg	o'q	
Roche's Point ...		29.56	53	NE	2	T			29.48	*	50	-7	W	4	og	3	0.86	58	49	og	og	og	*	
Birr Castle ...		29.58	57	SE	1	bc			29.49	*	55	+3	E	1	T	*	0.06	64	51	bc	bc	c'or	7.3	
Donaghadee ...		29.68	56	ESE	3	ogm			29.63	-0.2	54	-1	ESE	4	og	4	0.02	57	53	cp	em	ogm	*	
Liverpool Obsy. ...		29.66	57	ESE	1	bc			29.58	+0.2	53	-2	ENE	3	d	2	trace	60	53	om	em	o	2.5	
Holyhead ...		29.64	57	N	1	em			29.54	0.0	55	0	E	4	om	3	0.01	62	54	o'bc	bc	bc	2.4	
Pembroke (St. Ann's Hd.)		29.59	57	SE	3	c			29.49	+0.3	54	-1	SW	4	c	3	trace	62	54	cp	em	c	3.3	
Newquay ...		29.57	56	SE	3	om			29.56	+0.2	54	-2	S	1	b	3	-	63	49	c'bc	bc	bc	3.6	
Scilly (St. Mary's) ...		29.49	57	SE	5	omg			29.55	+0.1	50	-5	WNW	2	c	5	0.10	63	49	em	omg	cp	3.2	
Jersey (St. Aubin) ...		29.68	63	SW	2	b			29.63	*	55	-4	W	3	c	3	0.01	65	54	cp	b	b'oc	3.6	
Portland Bill ...		29.64	59	WSW	3	bc			29.55	+0.1	56	-4	W	4	bc	3	0.30	62	56	cp	bc	cl	*	
Dungeness ...		29.71	60	S	3	c			29.61	-0.4	59	0	SSW	4	bc	4	-	65	58	o'bc	bc	bc	*	
Dover ...		29.73	58	SSW	1	c			29.59	*	58	+4	WSW	4	c	3	trace	62	53	bc	bc	c'bc	3.4	
Wick ...		29.86	50	ENE	4	c			29.90	+0.3	49	+8	NE	4	cp	5	0.05	53	40	bc	bc	cp	*	
Nairn ...		29.82	52	ENE	2	og			29.87	*	46	0	ENE	1	cu	2	0.03	55	42	zbc	bc	pc	2.4	
Aberdeen ...		29.81	53	SE	2	o			29.84	+0.2	49	-1	NE	5	c	4	0.15	59	47	c	c	o'bcg	0.5	
Leith ...		29.75	55	ENE	3	o			29.74	+0.3	51	+6	NE	5	rg	*	0.44	58	45	c	c	c	*	
North Shields ...		29.73	54	E	3	op			29.69	+0.2	53	+3	NE	3	r	3	0.12	57	50	fo'pe	c'op	or	1.9	
Spurn Head ...		29.71	57	SE	3	o			29.59	-0.5	56	-1	E	3	r	3	0.60	63	51	fo'pe	c'op	or	0.3	
Yarmouth ...		29.70	58	S	2	bc			29.59	-0.8	57	+7	W	4	f	2	0.23	61	49	bc	bc	clp	3.1	
Clacton-on-Sea ...		29.70	61	SSE	3	bc			29.59	-0.3	54	+3	W	1	c	0	trace	62	50	fbc	bc	bc	5.4	
Nottingham...		29.72	56	E	1	c			29.62	*	54	0	E	1	o	*	0.21	63	52	ac	cl	c'bc	2.3	
Bath ...		29.64	57	E	-	o			29.59	*	54	+2	S	-	o	*	0.18	65	51	m'oc	or	o'bc	1.8	
London (Kew Obsy.)...		29.69	58	S	1	om			29.58	-0.3	52	-1	S	1	om	*	0.09	65	49	leome	cp	om	1.5	
Spitzbergen ...		30.03	23	-	0	c			29.97	-0.1	22	+2	SSE	1	b	*	-	23	16					
Isafjord...		30.18	45	-	0	b			30.23	+0.1	41	+3	-	0	c	*	*	*	*					
Reykjavik ...		30.15	49	-	0	o			30.25	+0.2	45	0	-	0	o	*	*	*	*					
Vestmanna ...		30.12	45	ENE	5	bc			30.24	+0.1	43	-2	E	1	o	1	*	*	*					
Seydisfjord ...		30.24	41	NE	3	o			30.26	-0.1	38	-3	-	0	c	*	*	*	*					
Thorshavn ...		30.05	46	E	4	o			30.13	+0.1	42	-4	NNE	2	c	*	*	*	*					
Haparanda ...		29.38	30	N	2	S			29.58	+0.6	29	-4	N	6	o	*	0.16	36	28					
Hernösand ...		29.56	32	NW	4	b			29.71	+0.6	34	-8	N	6	b	*	-	50	32					
Stockholm ...		29.62	45	NW	1	r			29.70	+0.4	37	-11	NNW	4	b	*	-	54	32					
Wisby ...		29.60	51	WSW	2	o			29.66	+0.5	45	-5	N	6	c	*	-	54	43					
Karlstad ...		29.69	44	-	0	o			29.82	+0.4	33	-12	N	2	b	*	0.28	52	30					
Færder (X'ianla Fjord)		29.67	50	N	5	b			29.85	+0.4	41	-12	NNE	6	b	2	-	54	41					
Bodö ...		29.63	37	N	4	c			29.80	+0.3	34	-2	NE	1	S	1	?	37	32					
Christiansund ...		29.89	42	NE	1	o			29.92	+0.1	38	-6	NE	1	S	1	?	37	32					
Skudesnaes ..		29.73	50	NNW	4	o			29.77	+0.3	49	+2	W	2	r	2	-	52	43					
The Scaw (Skagen)...		29.65	52	WSW	2	o			29.76	+0.5	44	-6	NE	8	c	3	0.04	57	43					
Blaavands Huk ...		29.77	54	NNW	2	o			29.68	-0.1	51	-1	NNW	1	b	1	0.04	57	50					
Cuxhaven ...		29.77	54	NE	1	m			29.65	-0.2	52	-2	NE	1	o	0	0.04	57	52					
The Helder ...		29.76	53	SSW	1	f			29.63	-0.1	54	-1	S	1	r	1	0.04	61	52					
Brussels ...		29.75	57	-	0	o			29.65	-0.1	53	+1	WSW	3	o	*	0.04	67	51					
Berlin ...		29.79	57	-	0	o			29.65	-0.1	53	-2	E	1	o	*	0.04	63	50					
Frankfurt ...		29.79	63	SW	1	r			29.66	+0.1	57	+7	SW	2	o	*	0.35	70	50					
Munich ...		29.80	57	E	1	r			29.72	0.0	53	+4	W	4	c	*	0.26	61	49					
C. Gris Nez...		29.72	59	S	1	o			29.61	-0.2	54	-1	S	4	c	2	-	66	52					
La Hève ...		29.76	58	SSE	4	o			29.58	*	55	+1	SW	5	r	3	0.08	64	50					
Brest (St. Mathieu) ...		29.65	57	W	4	o			29.67	-0.1	56	-3	SSW	3	o	4	0.12	66	55					
Lorient (Beo Melan)...		29.65	59	WSW	4	r			29.63	*	58	-2	W	4	c	4	0.04	66	52					
Rochefort (Ile d' Aix)		29.80	62	SSW	3	c			29.72	-0.1	55	-4	SSW	3	r	*	0.28	66	54					

## GALES.

Duration and Extreme Force  
on British Coast.

Sully. 8pm-9pm.

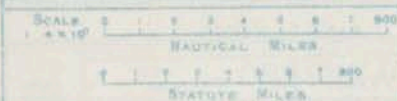
Extreme W 8.

\* Information for these columns not usually received.

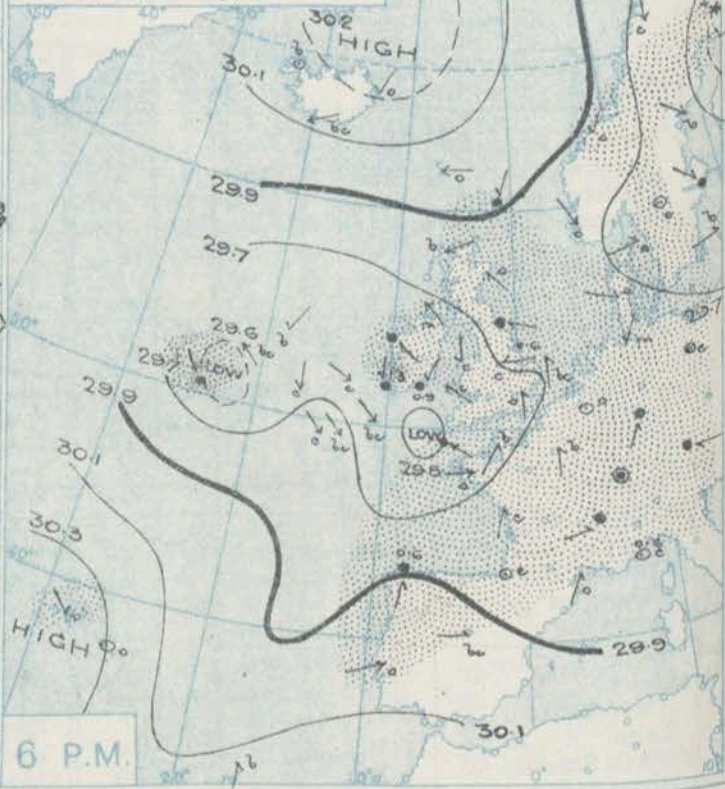
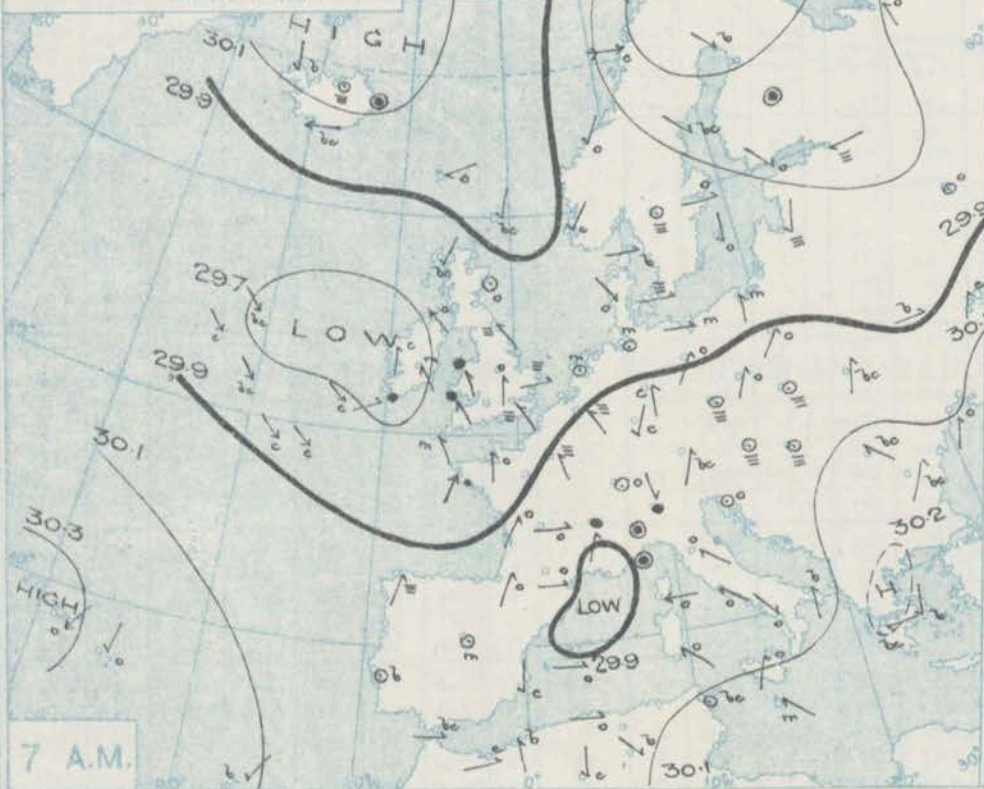
† Received too late for insertion in Charts.



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



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 {<sup>a</sup>  
<sub>b</sub>
- 1
- 2 {<sup>a</sup>  
<sub>b</sub>
- 3
- 4 {<sup>a</sup>  
<sub>b</sub>
- 5

*None Issued*

## FORECAST DISTRICTS.



## STORM WARNINGS.

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

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

No WARNINGS  
ISSUED.

- 6 {<sup>a</sup>  
<sub>b</sub>
- 7 {<sup>a</sup>  
<sub>b</sub>
- 8 {<sup>a</sup>  
<sub>b</sub>
- 9 {<sup>a</sup>  
<sub>b</sub>
- 10 {<sup>a</sup>  
<sub>b</sub>

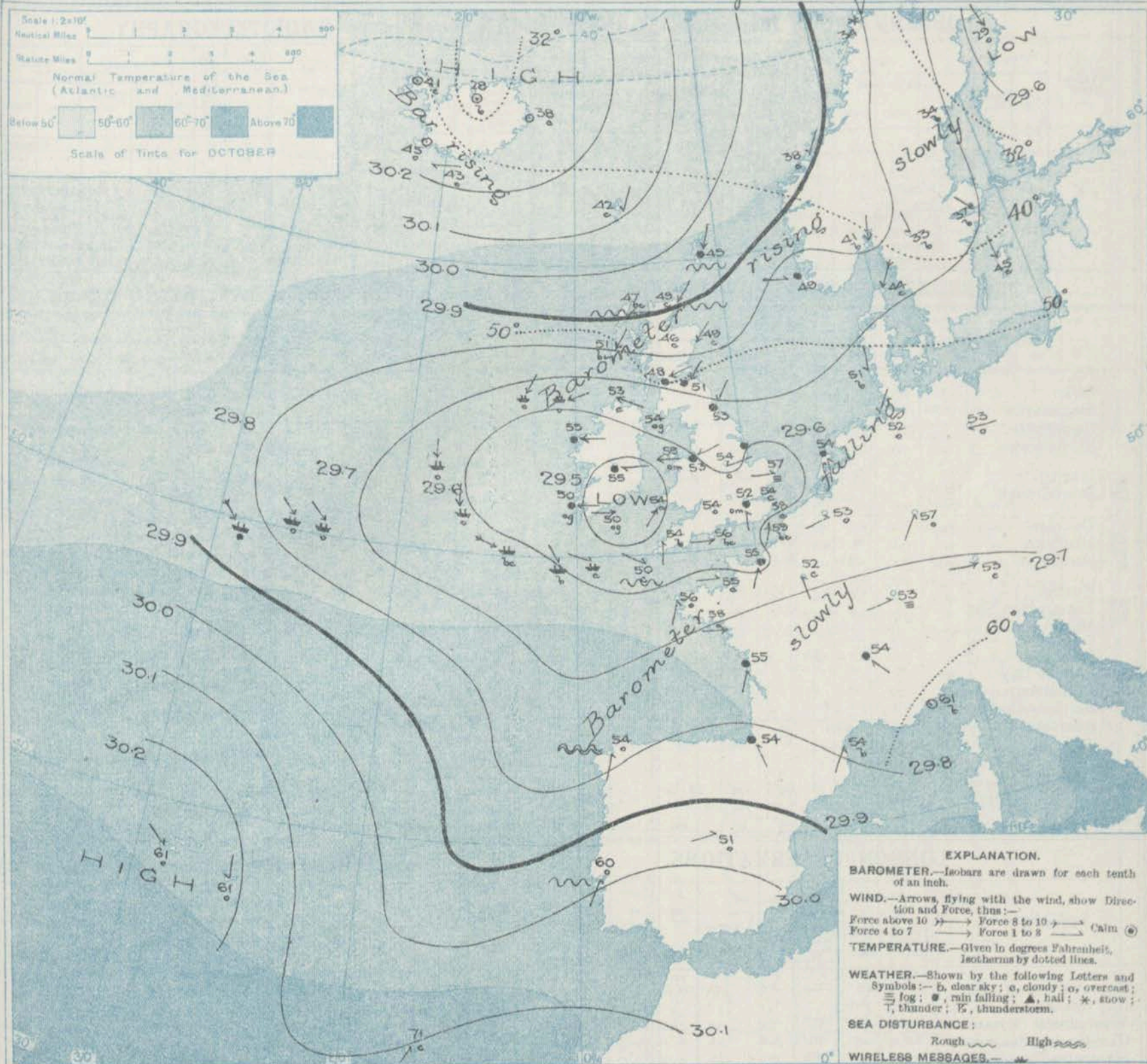
*None Issued*

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.



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



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

Pressure is above 30.2 in. over the Icelandic region and also at the Azores, below 29.6 in. over Ireland and the greater part of England, and below 29.5 in. over southern Ireland and the adjacent Channels. A secondary disturbance appears to exist to the westward of the Spanish Peninsula.

The wind is light or moderate S.W. to W.S.W. over the English Channel and the southern counties, but E.N.E. or N.E. further north, and fresh to strong at some exposed stations. According to wireless reports cyclonic winds between N.E. and N.W. prevail on the

Atlantic as far west as the 28th meridian, and vary in force from a moderate breeze to a gale. Temperature has fallen in most regions, and is now below 50° over a large area in Scotland. In the extreme east and south of England, however, it is still above 55°. Frost prevails in the far north of Scandinavia and also at Spitzbergen. Over these Islands as a whole the weather is very cloudy to overcast, with rain in various districts, but a nearly clear sky is reported from the south-west and south coasts of England. Rain is falling at some French stations, and on the Continent generally the weather is cloudy or overcast.



## DAILY WEATHER REPORT.

Sunday, 5th October, 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.	
4th Gp.m.	50	23	Merion	O	29.60	-0.8	NW	6-7	r	4th Gp.m.	50	11	Marquette	O	29.68	-0.0	NW	4-5	bc
"	52	21	Arsonia	H	29.65	-0.0	SE	4-5	bc	"	55	9	Parisian	O	29.66	-0.0	E	4-5	m
"	54	18	California	H	29.64	+0.5	NE	1-3	b	"	52	24	Arsonia	H	29.80	-0.2	NW	4-5	c
"	51	15	Montreal	O	29.67	-0.0	NW	4-5	c	"	54	22	California	H	29.68	-0.5	NW	4-5	bc
"	49	14	Menominee	H	29.74	-0.2	NW	4-5	b	"	51	20	Merion	O	29.68	-0.2	NW	6-7	bc
"	49	14	Finland	H	29.74	-0.5	NW	4-5	c	"	49	18	Finland	O	29.89	-0.4	NW	6-7	c
"	52	13	Arsonia	O	29.66	+0.7	NW	4-5	c	"	49	18	Menominee	H	29.88	-0.4	NW	4-5	bc
"	49	13	Minnetonka	H	?	?	NW	4-5	bc	"	49	17	Minnetonka	H	29.85	-0.6	NW	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.	
		In.	F.	F.			Hr.			In.	F.	F.			Hr.
Scotland.	Oban ...	...	...	...				Margate ...	...	0.03	65	51	b	b	6.5
	Stonehaven ...	...	...	...				Ramsgate ...	...	0.02	62	50			8.6
	Carnoustie ...	...	...	...				Folkestone ...	...	0.14	63	54	r. bc. o	o. bc. o. c	4.6
	St. Andrews ...	...	...	...				Hythe ...	...						
Eng. N.E.	Harrogate ...	0.29	55	48	d. o	o	0.0	Littlestone ...	...						6.5
	Scarborough ...	...	...	...				Hastings ...	0.01	65	52	bw	b. bc. o	6.7	
England, N.W.	Douglas ...	...	...	...				Bexhill-on-Sea ...	0.01	66	54	b. bc	bc. or	6.4	
	Blackpool ...	0.17	60	51	r. o	o	0.0	Eastbourne ...	0.06	63	50	o. b. bc	b. bc. or	4.6	
	Southport ...	...	61	58	bc. o	o	0.7	Seaford ...	0.06	64	50	b	or	3.6	
		...	...	...	...	...	...	Brighton ...	0.01	64	51	c. bc. b	bc. or	3.8	
Mid- lands.	Buxton ...	0.69	57	50	c. r	bc	2.1	Worthing ...	0.01	65	51	c. bc	c. bc	3.5	
	Leamington Spa ...	0.32	62	56	o	o	2.0	Littlehampton ...	0.03	*	*	*	*	3.8	
	Malvern ...	...	*	*	*	*		Southsea ...	...						
Wales.	Rhyl ...	...	...	...			3.6	Ryde ...	...						
	Colwyn Bay ...	...	...	...				Ventnor ...	...						
	Llandudno ...	...	...	...				Bournemouth ...	0.24	62	50	r. ccl	r. c. o	1.8	
	Bettws-y-Coed ...	...	...	...				Weymouth ...	0.33	62	57	c. r. b	ct. o	1.3	
England, E.	Aberystwyth ...	0.24	62	54	c. r	r. c. o	2.7	Exmouth ...	...	1.00	61	52	thr. cp	bc	1.8
	Tenby ...	0.04	61	55	or	bc. b	2.4	Teignmouth ...	...	0.75	62	58	or	r. o. c. bc	1.0
	Lowestoft ...	...	...	...				Torquay ...	...	0.30	62	53	q. b	bc. b	1.2
	Felixstowe ...	...	63	49	c. bc	b. bc	5.5	Paignton ...	...	0.81	64	54	r. o. c	bc. o	4.2
England, S.	Walton-on-Naze ...	0.05	62	49	f. bc. b	bc	5.4	Falmouth ...	...	0.54	64	49	b. cp	b. cp	1.9
	Southend-on-Sea ...	...	65	51	bc	bc	4.5	Bude ...	...	0.02	64	53	o	cp. c	1.3
		...	...	...				Ilfracombe ...	...						
								Weston-super-Mare ...	...						

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.				Rain-fall.	WEATHER.			Sun-shine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.	Fore-noon.		After-noon.	Night.		
			Max.	Min.							
										24 HOURS ENDED 9 A.M. TO-DAY.	
	%	%	F.	F.	F.	In.				Hr.	
Greenwich (Royal Obs.) ...	69	97	67	46	36	0.22	o.c	c	or, f.	2.5	
City (Binhill Row) ...	*	*	*	*	*	*	*	*	*	0.4	
Westminster (St. James's Pl.)	69	100	66	52	45	0.16	bc	bc	or, r	1.8	
Camden Sq. (Brit. Rainfall)	81	100	66	48	45	0.14	om.c	c	or, bc, or	0.6	
Hampstead (Reservoir) ...	*	100	63	50	36	0.15	o.c	om	om	1.0	
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.)	59	92	509 Joules.		12.4 Milliwatts.		48.0 Milliwatts.			1.2	

STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.
		In Screen.		Night Min. on Grass.	Night.	Fore-noon.	After-noon.	
		Max.	Min.					
	In.	F.	F.	F.				Hr.
Dublin to 4 p.m.	0.08	60	55	51	p.bc.o	cp.	bc	*
Plymouth to 9 p.m.								
Darwen "	0.07	58	50	48	c.o.m	og.bc	c.o	0.7
Manchester "	0.02	64	53	*	or.o	c.bc	bc	1.4
Birmingham "	-	59	50	*	-	c.c	c	2.8
Oxford to 8 p.m.	*	61	51	48	or.of	o.e	o.of	*
Richmond Park.	*	*	*	*	*	*	*	2.0
S. Kensington (Museum Grounds to 8 p.m.)	Trace	66	52	48				*

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 60° or above in nearly all parts of England and in Central Ireland, the highest reading being 66° at Bexhill-on-Sea. Rain fell in most regions, as much as 0.6 in. at Spurn Head, 0.8 in. at Roch's Point, and 1.3 in. at Galencio. Several hours of bright sunshine were recorded over the south-eastern quarter of England, as well as at Stornoway and Barr Castle, but elsewhere the values were generally small. Wireless reports show that a cyclonic circulation of wind of moderate force prevailed on the Atlantic between the 20th and 26th meridians.

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

Monday, 10th October, 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).	TEMP.		WEATHER.			
	At 32° Fabr. and M.S.L. Lat. 45°.	Dry Bulb.	Wet Bulb.	Dirac.				At 32° Fabr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.					Max.	Min.	Moro's 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.	
Varde ... ..	29.56	31	NNE	3				29.41	-0.15	31	-1	N	6	c	3	32	28				
Lerwick ... ..	30.04	46	NNE	6	ca			30.06	-0.02	45	0	NNE	4	bc	3	32	28	bc	bc	bc	5.8
Stornoway ... ..	30.01	48	E	6	bc			30.05	-0.00	43	-4	E	3	b	3	32	28	bc	bc	bc	5.3
Castlebay (Barra Isd.)	29.89	51	NE	4	b			29.95	-0.00	48	-3	ENE	4	bc	4	34	28	bc	bc	bc	5.3
Glasgow ... ..	29.84	47	NE	4	b			29.91	+0.04	45	-3	ENE	4	bc	4	34	28	bc	bc	bc	5.4
Malin Head ... ..	29.81	51	E	5	bc			29.82	-0.02	51	-2	E	5	bc	4	34	28	bc	bc	bc	5.4
Blacksod Point ... ..	29.67	55	E	6	og			29.79	+0.01	49	-6	ENE	4	bc	3	34	28	bc	bc	bc	5.4
Valencia ... ..	29.59	54	WNW	1	bc			29.65	+0.03	48	-2	NE	2	bc	3	34	28	bc	bc	bc	1.2
Roche's Point ... ..	29.60	54	SW	3	c			29.65	-	49	-1	NNE	2	c	2	34	28	bc	bc	bc	
Birr Castle ... ..	29.60	51	E	1	r			29.73	-	46	-2	N	2	c	3	34	28	bc	bc	bc	0.0
Donaghadee ... ..	29.74	52	ESE	4	c			29.79	+0.01	52	-2	E	4	c	4	34	28	bc	bc	bc	0.0
Liverpool Obsy. ... ..	29.66	52	ENE	4	o			29.69	0.00	51	-2	NE	4	og	4	34	28	bc	bc	bc	0.2
Holyhead ... ..	29.62	54	E	5	odm			29.68	+0.01	53	-2	ENE	4	cm	4	34	28	bc	bc	bc	0.0
Pembroke (St. Ann's Hd.)	29.61	54	SW	1	bc			29.63	+0.01	49	-5	NNE	1	bc	1	34	28	bc	bc	bc	4.6
Newquay ... ..	29.59	53	SW	1	b			29.57	0.00	50	-4	-	0	bc	3	34	28	bc	bc	bc	4.5
Scilly (St. Mary's) ... ..	29.58	51	-	0	bc			29.54	-0.02	52	+2	ENE	4	bc	3	34	28	bc	bc	bc	5.6
Jersey (St. Aubin) ... ..	29.65	56	SSW	2	op			29.59	-	54	-1	SSE	4	og	3	34	28	bc	bc	bc	5.4
Portland Bill ... ..	29.62	57	WSW	2	bc			29.59	-0.01	55	-1	ENE	4	cr	4	34	28	bc	bc	bc	
Dungeness ... ..	29.61	58	WSW	4	o			29.66	+0.01	54	-5	N	1	bc	1	34	28	bc	bc	bc	
Dover ... ..	29.62	53	SW	2	og			29.65	-	47	-11	SW	1	bc	2	34	28	bc	bc	bc	2.5
Wick ... ..	29.98	49	ENE	5	c			30.02	+0.01	48	-1	NE	3	bc	4	34	28	bc	bc	bc	
Nairn ... ..	29.95	49	E	4	o			30.00	-	41	-5	-	0	c	1	34	28	bc	bc	bc	6.0
Aberdeen ... ..	29.90	49	NE	5	c			30.00	+0.03	45	-4	NNE	2	or	3	34	28	bc	bc	bc	4.9
Leith ... ..	29.82	51	NE	4	c			29.89	+0.04	50	-1	E	4	bc	4	34	28	bc	bc	bc	
North Shields ... ..	29.76	52	NE	4	o			29.85	+0.04	51	-2	NE	5	c	5	34	28	bc	bc	bc	0.3
Spurn Head ... ..	29.61	55	ENE	6	r			29.65	+0.02	55	-1	ENE	6	og	5	34	28	bc	bc	bc	0.0
Yarmouth ... ..	29.59	58	SE	1	bc			29.63	-0.00	56	-4	W	1	odm	1	34	28	bc	bc	bc	2.7
Clacton-on-Sea ... ..	29.58	55	W	2	o			29.65	+0.03	50	-4	W	1	c	0	34	28	bc	bc	bc	3.1
Nottingham ... ..	29.63	54	NE	4	o			29.66	-	52	-2	ENE	4	r	0	34	28	bc	bc	bc	0.1
Bath ... ..	29.62	54	W	1	o			29.65	-	41	-13	E	1	m	0	34	28	bc	bc	bc	1.3
London (Kew Obsy.) ... ..	29.61	56	SW	1	om			29.66	+0.02	46	-6	-	0	bc	0	34	28	bc	bc	bc	0.0
Spitzbergen ... ..	29.91	21	NE	2	bc			29.93	-0.00	21	-1	NNE	6	b	0	34	28	bc	bc	bc	
Isafjord ... ..	30.22	43	-	0	o			30.10	-0.01	44	+3	-	0	r	0	34	28	bc	bc	bc	
Reykjavik ... ..	30.29	48	-	0	o			30.16	-0.03	44	-1	-	0	o	0	34	28	bc	bc	bc	
Vestmanna ... ..	30.26	45	-	0	c			30.13	-0.02	43	0	-	0	c	0	34	28	bc	bc	bc	
Seydisfjord ... ..	30.24	42	-	0	c			30.06	-0.02	46	+8	-	0	c	0	34	28	bc	bc	bc	
Thorshavn ... ..	30.18	44	NE	2	bc			30.13	-0.02	32	-10	-	0	b	0	34	28	bc	bc	bc	
Haparanda ... ..	29.76	27	N	4	b			29.70	-0.01	23	-6	W	2	c	0	34	28	bc	bc	bc	
Hernösand ... ..	29.89	31	-	0	b			29.94	+0.01	30	-4	-	0	b	0	34	28	bc	bc	bc	
Stockholm ... ..	29.91	35	NNW	2	b			29.96	+0.01	33	-4	WNW	2	b	0	34	28	bc	bc	bc	
Wisby ... ..	29.87	43	NNE	2	b			29.97	+0.05	39	-6	NNE	2	bc	0	34	28	bc	bc	bc	
Karlstad ... ..	29.95	34	-	0	b			30.04	+0.02	30	-3	N	2	b	0	34	28	bc	bc	bc	
Færder (Kjølans Fjord)	29.88	47	NE	2	b			30.02	+0.03	40	-1	NNE	5	b	2	34	28	bc	bc	bc	
Bodö ... ..	29.93	37	-	0	b			29.71	-0.01	37	+3	W.	3	c	2	34	28	bc	bc	bc	
Christiansund ... ..	30.06	39	NE	1	c			30.02	-0.02	41	+3	-	0	c	3	34	28	bc	bc	bc	
Skudesnaes ... ..	29.94	42	NE	2	b			30.01	+0.01	42	-7	ENE	2	b	2	34	28	bc	bc	bc	
The Scaw (Skagen) ... ..	29.92	46	ESE	4	b			30.02	+0.02	44	0	E	4	b	0	34	28	bc	bc	bc	
Blaavands Huk ... ..	29.79	43	E	2	c			29.89	+0.02	35	-16	ENE	2	b	1	34	28	bc	bc	bc	
Cuxhaven ... ..	29.67	50	E	4	r			29.74	+0.01	48	-4	ENE	5	o	3	34	28	bc	bc	bc	
The Helder ... ..	29.66	56	E	1	r			29.72	+0.04	53	-1	ENE	5	o	3	34	28	bc	bc	bc	
Brussels ... ..	29.65	55	SE	2	o			29.72	+0.04	50	-3	SSE	1	bc	0	34	28	bc	bc	bc	
Berlin ... ..	29.68	55	E	2	o			29.69	0.00	52	-1	S	1	o	0	34	28	bc	bc	bc	
Frankfurt ... ..	29.68	59	SW	1	b			29.78	+0.04	53	-4	SW	2	c	0	34	28	bc	bc	bc	
Munich ... ..	29.75	54	N	2	r			29.88	+0.03	49	-4	SW	4	r	0	34	28	bc	bc	bc	
C. Gris Nez ... ..	29.63	56	WSW	4	o			29.67	+0.01	50	-2	S	4	bc	2	34	28	bc	bc	bc	
La Hève ... ..	29.63	55	W	3	o			29.64	-	57	+2	SE	3	o	3	34	28	bc	bc	bc	
Brest (St. Mathieu) ... ..	29.60	55	S	1	c			29.53	-0.00	53	-3	SE	3	c	3	34	28	bc	bc	bc	
Lorient (Rec Melen) ... ..	29.58	54	SSE	3	o			29.62	+0.01	55	-3	S	2	c	4	34	28	bc	bc	bc	
Rochefort (Ile d'Alx) ... ..	29.67	53	SSW	4	o			29.62	+0.01	57	+2	S	4	r	0	34	28	bc	bc	bc	
Biarritz ... ..	29.73	63	SW	3	o			29.66	-0.01	62	+8	SSW	3	b	4	34	28	bc	bc	bc	
Paris ... ..	29.71	52	SW	1	bc			29.72	+0.02	48	-4	S	2	o	0	34	28	bc	bc	bc	
Belfort ... ..	29.78	52	-	0	o			29.84	-	43	-5	-	0	c	0	34	28	bc	bc	bc	
Lyons ... ..	29.80	56	SSW	1	o			29.82	-	50</											

GALES.  
Duration and Extreme Force  
on British Coast.

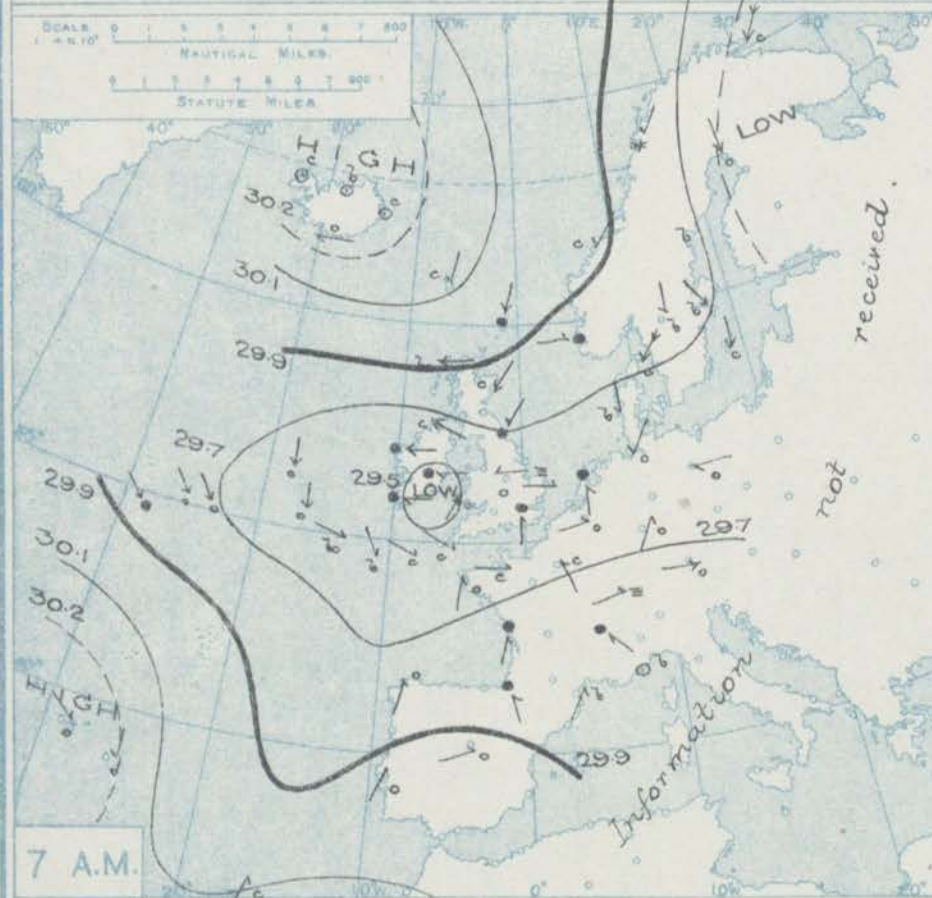
Spurn Head  
Spun. Extreme E. S.

Thunderstorm heavy rain  
last evening.

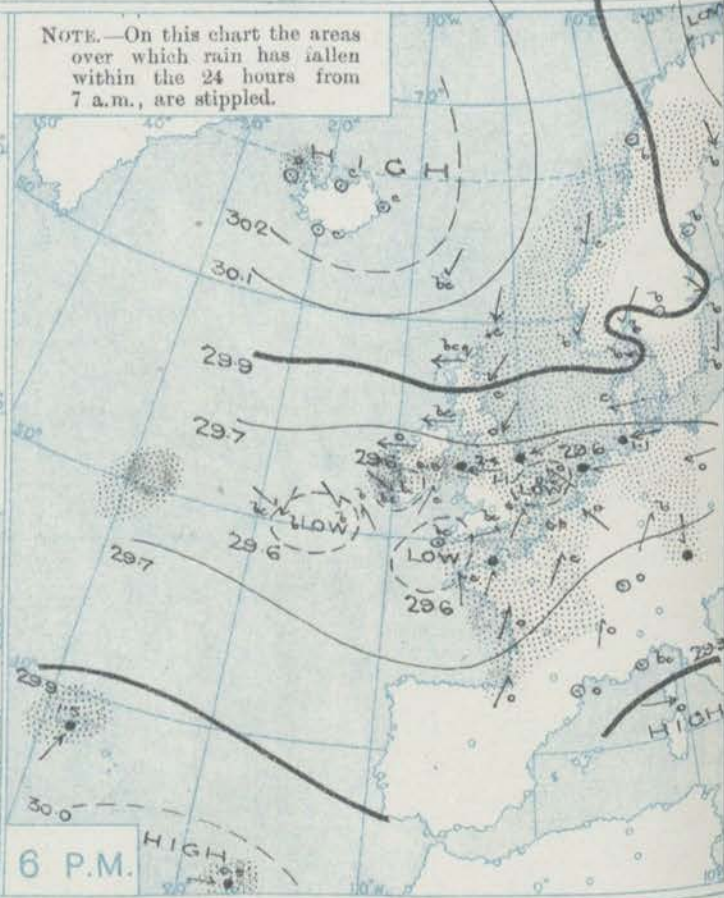
\* Information for these columns not usually received. † Received too late for insertion in Charts.



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



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



## GENERAL INFERENCE

It is probable that the Easterly gradient now prevailing over the northern part of the British Isles will extend its influence to the southern districts. A low pressure system over

## WEATHER PROSPECTS.

Northern France will maintain unsettled conditions in the southern counties.

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

0 {  
a } Easterly and North Easterly  
b } winds, moderate to fresh in force;  
mostly fair, but occasional rain;  
rather cool.

2 {  
a } Fresh or strong North Easterly  
b } to Easterly winds, moderating  
later; unsettled, some rain;  
cooler.

3 {  
a } Wind variable, finally  
b } Easterly; unsettled, some rain

4 {  
a } rather cool.  
b }

5 {  
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 Cone.	South Cone.
North Cone.	North Cone.

NO WARNINGS  
ISSUED.

6 {  
a } Moderate or fresh North.  
b } Easterly or Easterly winds; mostly  
fair, occasional rain, rather cool.

8 {  
a } Variable or Easterly winds,  
b } moderate or fresh in force;  
unsettled, some rain; cooler.

9 {  
a } Easterly or North Easterly  
b } winds, fresh at times; fair  
intervals, occasional rain;  
rather cool.

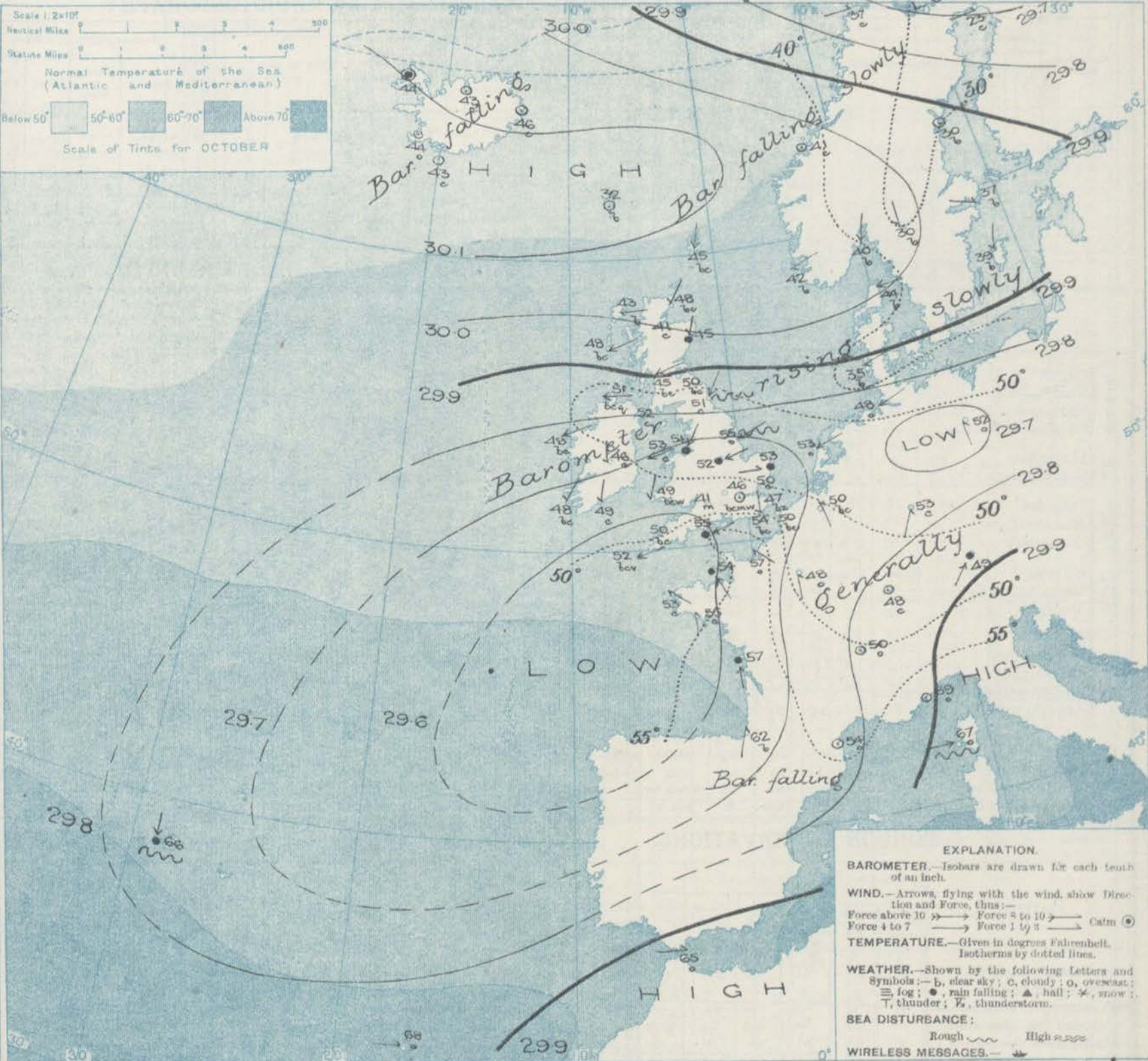
## 11 WESTERN CHANNEL AND BAY.

Variable winds, finally  
Easterly, moderate or fresh in  
force; moderate sea; unsettled.

## THE FURTHER OUTLOOK.



SYNOPTIC CHART FOR 7 A.M. Monday 6<sup>th</sup> OCTOBER 1913.



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

An anticyclone, with readings above 30.1 in. covers the region between Iceland and Southern Scandinavia. A trough of low pressure extends eastward from the mouth of the Channel to Berlin. The lowest reading in this system is 29.53 in. at Brest, but there is a second minimum of pressure, 29.69 in. near Berlin. There is thus a rather steep gradient for Easterly winds over the northern half of the British Islands.

Fresh or strong winds from between North East and East are reported from the stations in the northern half of our islands; further south

the wind is light and very variable in direction. Southerly to South E<sup>st</sup>erly winds prevail over France. Temperature has become lower than of late, the readings being down to 41° at Bath and Ram. The highest values over the British Isles is 55° at Portland. Temperatures below the freezing point are reported from many of the Swedish stations. Unsettled weather prevails very widely; rain is falling at Portland Bill and over a belt of country extending from Liverpool to Yarmouth and also at Aberdeen. The sea is rather rough on the north east coast of England.



## DAILY WEATHER REPORT.

Monday, 6th October, 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.	
5th 6pm	50	18	Marquette	O	29.62	-0.01	WNW	1-3	bc	5th 7am	51	16	Ausonia	H	29.54	-0.06	N	4-5	o
	51	13	Lusitania	O	29.57	+0.03	NW	1-3	b		50	12	Marquette	O	29.65	+0.01	WNW	4-5	o
	51	12	Ausonia	H	29.61	+0.04	SE	1-3	b		55	13	Parisian	O	29.66	1.00	NE	4-5	o
7am	49	28	Franconia	H	29.83	-0.09	NW	8-9	r		55	12	California	H	29.73	+0.15	NNE	4-5	o
	50	24	Mauretania	H	29.74	-0.08	NW	6-7	o		55	11	Cameronia	O	29.68	+0.02	ENE	6-7	o
	52	18	Montreal	O	29.67	+0.03	N	4-5	o		49	10	Menominee	H	29.60	-0.05	NNW	1-3	b
											49	9	Finland	H	29.59	-0.02	WNW	1-3	c

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
		In.	F. °	F. °			Hr.			In.	F. °	F. °			Hr.
Scotland.	Oban ... ..							Margate ... ..	0.02	62	53	l. b	bc	4.5	
	Stonehaven ... ..							Ramsgate ... ..	0.04	61	54	"	"	5.5	
	Carnoustie ... ..				x	x		Folkestone ... ..	-	60	54	o. bc	o	2.2	
	St. Andrews ... ..							Hythe ... ..							
Engl. N.E.	Harrogate ... ..	0.26	50	48	r	r. o	0.0	Littlestone ... ..						2.3	
	Scarborough ... ..	x	54	52	o. c	o	0.0	Hastings ... ..	0.31	60	54	or	o	0.1	
								Bexhill-on-Sea ... ..	0.33	59	56	p	op	0.1	
								Eastbourne ... ..	0.21	63	54	op	o	0.0	
England, N.W.	Douglas ... ..							Seaford ... ..							
	Blackpool ... ..	0.12	53	46	or	or	0.0	Brighton ... ..	0.11	59	56	r. o. c. o	c. o	0.0	
	Southport ... ..	0.08	53	48	or. o	or	0.0	Worthing ... ..	0.13	59	55	d. o	o. c	0.0	
								Littlehampton ... ..	0.08			"	"	0.0	
Mid- lands.	Buxton ... ..	0.09	57	44	c	or	0.0	Southsea ... ..	0.06	64	52	o	c. b. o	0.0	
	Leamington Spa ... ..	0.35	56	52	or	or	0.0	Ryde ... ..	0.02	63	55	o. bc	c. b	2.0	
	Malvern ... ..						0.0	Ventnor ... ..	0.06	64	53	"	"	0.1	
								Bournemouth ... ..	0.40	60	52	c. o	c. o	2.0	
Wales.	Rhyl ... ..	0.09	55	50	op	op	0.0	Weymouth ... ..	0.11	62	54	bc	bcy	5.8	
	Colwyn Bay ... ..	0.07	56	50	c	cd	0.0	Exmouth ... ..							
	Llandudno ... ..	0.03	59	52	o	oe. t	0.0	Teignmouth ... ..		63	50	bc. b	b	7.3	
	Bettws-y-Coed ... ..							Torquay ... ..	0.03	63	50	bc.	b	7.0	
England, S.W.	Aberystwyth ... ..	0.36	55	51	rm. o	r. o	0.0	Paignton ... ..							
	Lowestoft ... ..	0.01	60	52	c. bc	bc. c	3.2	Falmouth ... ..		59	47	bc	b	6.6	
	Felixstowe ... ..	0.13	63	49	c.	bc. p	3.6	Bude ... ..	0.02	62	53	b	bc	8.2	
	Walton-on-Naze ... ..	0.02	62	48	bc. m	cp. g	3.3	Ilfracombe ... ..	0.01	59	51	b	b	8.4	
England, E.	Southend-on-Sea ... ..	0.29	64	51	bm. r	op	2.0	Weston-super-Mare ... ..		60	52	c. b. bc	b. bc	3.0	

## 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.	Min. on Grass.		Fore- noon.	After- noon.	Night.	
	%	%	F.	F.	F.					
	24 Hours ended 9 a.m. To-day.									
Greenwich (Royal Obs.)	81	72	61	43	31	-	op	op	b	0.0
City (Bunhill Row)										0.0
Westminster (St. James's Pk.)	90	75	60	44	41	-	bc	bc.r	of.m	0.0
Camden Sq. (Brit. Rainfall)		98	61	43	41	0.01	om.o	o	bc	0.0
Hampstead (Reservoir)		82	57	46	32	-	o.b.c.	o	o.b.c.f	0.0
K.E.W. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
Total.			Mean Rate.			Max. Rate.				
S. Kensington (Roof of M.O.)			Joules.			Milliwatts.				
			447			11.0				
						35.0				

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

6-7th October 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.44	11.41	5.18
	6.6	11.41	5.16
Greenwich	6.10	11.48	5.26
	6.12	11.48	5.24
Wick	6.30	12.0	5.31
	6.32	12.0	5.28
Valencia	6.51	12.29	6.7
	6.53	12.29	6.5

## NOTES ON YESTERDAY'S WEATHER.

Persistent rain fell during the past twenty-four hours at many stations in the northern half of England; Liverpool reports 2.4 in. and Nottingham 1.1 in. Over 2 in. of rain also was measured at some Irish stations, Birr Castle 0.83 in. Temperature reached 63° at Dungeness, Jersey and Spurn Head. The amounts of bright sunshine were generally small except in the south-west, Bude and Ilfracombe both report over 8 hours.

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,  
7th October 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.	Dir.	Force (0 to 12).				Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.						Change since Yester- day.	Dir.	Force (0 to 12).	Weather.	Max.	Min.	
Vardö...		29.43	32	N	6	c	29.37	-.01	27	-1	NW	4	b	3	?	32	27	*	*	*	*	*	*	*
Lerwick ...		In.	F.	NE	2	c	In.	In.	F.	*	NW	2	bex	1	-	In.	F.	F.	bc	bc	bc	bc	bc	Hours
Stornoway ...		29.99	48	ENE	4	b	29.93	-.02	41	-4	E	1	cx	1	-	49	39	bc	bc	bc	bc	bc	8.6	
Castlebay (Barra Isd.)		29.92	50	NNE	3	b	29.82	-.02	47	-1	E	3	c	3	0.06	54	46	bc	bc	bc	bc	bc	9.1	
Glasgow ...		29.92	45	ENE	3	b	29.82	-.04	39	-6	NE	3	b	*	-	54	38	bc	bc	bc	bc	bc	8.8	
Malin Head...		29.85	53	E	6	bc	29.76	-.01	47	-4	E	4	bq	4	-	55	3	cmg	bc	bc	bc	bc	*	
Blacksod Point ...		29.77	55	ENE	4	bc	29.70	-.00	48	-1	ENE	3	bm	2	Trace	56	46	bc	bc	bc	bc	bc	*	
Valencia ...		29.64	55	NE	4	ogf	29.54	-.02	50	+2	ENE	4	cg	4	Trace	56	47	bc	bc	bc	bc	bc	2.4	
Roche's Point ...		29.63	52	NE	3	bc	29.50	*	52	+3	NE	3	o	2	0.22	55	48	op	og	bc	bc	bc	*	
Birr Castle ...		29.70	51	ENE	4	o	29.59	*	49	+3	N	2	c	*	0.01	56	45	op	o	bc	bc	bc	0.0	
Donaghadee ...		29.81	54	ENE	5	bc	29.72	-.05	49	-3	ENE	4	c	4	-	55	49	bc	bc	bc	bc	bc	0.0	
Liverpool Obsy. ...		29.75	50	NE	4	r	29.63	-.04	50	-1	ENE	4	o	3	0.03	54	47	op	og	bc	bc	bc	0.0	
Holyhead ...		29.70	53	E	6	o	29.59	-.03	52	-1	E	5	cg	4	-	54	50	og	og	bc	bc	bc	0.0	
Pembroke (St. Ann's Hd.)		29.61	54	ENE	4	bc	29.42	-.02	51	+2	ENE	6	cap	5	0.07	60	48	bc	bc	bc	bc	bc	6.2	
Newquay ...		29.51	54	E	3	bc	29.28	-.05	53	+3	ESE	4	opu	3	0.53	53	50	bc	bc	bc	bc	bc	5.4	
Scilly (St. Mary's) ...		29.46	55	E	4	bcv	29.22	-.06	53	+1	E	5	cmg	5	0.41	58	50	bc	bc	bc	bc	bc	3.9	
Jersey (St. Aubin) ...		29.58	57	SE	3	tg	29.46	*	59	+5	SE	6	cg	5	0.24	62	54	bc	bc	bc	bc	bc	5.1	
Portland Bill ...		29.59	57	E	3	bc	29.42	-.02	59	+4	SE	6	bc	5	1.25	59	54	bc	bc	bc	bc	bc	*	
Dungeness ...		29.69	57	ENE	4	o	29.56	-.05	57	+3	SE	5	or	5	0.10	61	51	bc	bc	bc	bc	bc	*	
Dover ...		29.71	52	-	0	bc	29.58	*	54	+7	ENE	3	or	3	0.25	59	46	bc	bc	bc	bc	bc	9.3	
Wick ...		20.00	49	ENE	3	c	29.91	-.02	35	-13	WNW	1	bc	2	0.07	51	34	bc	bc	bc	bc	bc	*	
Nairn ...		29.98	45	-	0	c	29.89	*	35	-6	-	0	cg	1	-	52	33	bc	bc	bc	bc	bc	4.3	
Aberdeen ...		29.99	46	SSW	1	c	29.89	-.03	42	-3	WNW	2	bc	2	0.41	55	41	bc	bc	bc	bc	bc	3.9	
Leith ...		29.91	50	ENE	3	b	29.83	-.02	39	-11	ESE	2	b	*	0.03	55	38	bc	bc	bc	bc	bc	*	
North Shields ...		29.89	50	NE	3	c	29.79	-.02	51	0	NE	4	o	5	-	54	49	bc	bc	bc	bc	bc	?	
Spurn Head ...		29.74	54	E	6	o	29.68	-.02	56	+1	E	5	c	6	0.06	54	51	bc	bc	bc	bc	bc	0.0	
Yarmouth ...		29.74	55	E	3	bc	29.70	-.03	55	+2	E	4	bc	4	0.14	57	53	bc	bc	bc	bc	bc	0.2	
Clacton-on-Sea ...		29.70	58	ESE	2	bc	29.60	-.04	56	+6	E	5	og	5	0.05	62	50	bc	bc	bc	bc	bc	6.5	
Nottingham ...		29.73	52	E	3	o	29.67	*	51	-1	E	4	c	*	0.34	53	48	bc	bc	bc	bc	bc	0.0	
Bath ...		29.65	54	E	4	c	29.50	*	52	+1	E	5	o	*	0.61	61	41	bc	bc	bc	bc	bc	5.3	
London (Kew Obsy.) ...		29.69	55	SE	3	bm	29.55	-.04	55	+9	E	3	orm	*	0.10	61	45	bc	bc	bc	bc	bc	3.6	
Spitzbergen ...		29.87	26	E	2	b	29.96	+0.01	19	-2	ESE	3	b	*	-	25	16	*	*	*	*	*	*	
Isafjord ...		30.00	47	E	2	c	29.91	+0.01	42	-2	SW	3	c	*	-	*	*	*	*	*	*	*	*	
Reykjavik ...		30.02	50	-	0	bc	29.85	-.01	43	-1	E	2	o	*	-	*	*	*	*	*	*	*	*	
Vestmanna ...		29.99	46	-	0	b	29.83	-.03	43	0	ESE	5	b	0	-	*	*	*	*	*	*	*	*	
Seydisfjord ...		30.04	45	NE	1	r	29.98	-.01	40	-6	NE	2	o	*	-	*	*	*	*	*	*	*	*	
Thorshavn ...		30.04	41	-	0	c	29.94	-.01	36	+4	-	0	c	*	-	*	*	*	*	*	*	*	*	
Haparanda ...														*	-	*	*	*	*	*	*	*	*	
Hernösand ...														*	-	*	*	*	*	*	*	*	*	
Stockholm ...														*	-	*	*	*	*	*	*	*	*	
Wisby ...														*	-	*	*	*	*	*	*	*	*	
Karlstad ...														*	-	*	*	*	*	*	*	*	*	
Færder (X'lania Fjord)		29.99	44	WSW	1	b	29.91	-.01	45	+5	WSW	4	c	2	-	45	39	*	*	*	*	*	*	
Bodö ...		29.67	38	W	4	c	29.64	+0.01	37	0	N	4	bc	2	0.04	39	32	*	*	*	*	*	*	
Christiansund ...		29.93	40	SW	2	r	29.83	-.01	41	0	SW	4	c	3	0.71	45	39	*	*	*	*	*	*	
Skudesnaes ...		30.00	42	NW	2	b	29.93	-.01	43	+1	-	0	r	1	0.03	52	39	*	*	*	*	*	*	
The Scaw (Skagen) ...		30.00	45	E	1	b	29.95	-.01	44	0	SW	1	c	0	-	46	37	*	*	*	*	*	*	
Blaavands Huk ...		29.95	41	ENE	3	c	29.93	-.01	40	+5	ENE	2	b	1	Trace	50	34	*	*	*	*	*	*	
Cuxhaven ...		29.86	49	E	5	o	29.86	0.00	46	-2	E	5	o	3	-	52	45	*	*	*	*	*	*	
The Helder ...		29.81	51	E	3	o	29.78	-.01	51	-2	E	2	o	1	0.04	52	50	*	*	*	*	*	*	
Brussels ...		29.76	51	E	1	b	29.70	+0.02	53	+3	ESE	1	r	*	0.03	61	48	*	*	*	*	*	*	
Berlin ...		29.78	53	NW	1	o	29.72	+0.04	44	-8	E	1	o	*	0.04	55	43	*	*	*	*	*	*	
Frankfurt ...		29.80	59	-	0	c	29.84	+0.01	53	0	-	0	mv	*	-	64	50	*	*	*	*	*	*	
Munich ...		29.86	54	W	2	bc	29.91	+0.04	50	+1	SSE	2	b	*	Trace	57	46	*	*	*	*	*	*	
C. Gris Nez ...		29.71	55	NE	3	bc	29.57	-.03	53	+3	ESE	4	o	2	0.08	64	48	*	*	*	*	*	*	
La Hève ...		29.65	57	ESE	3	o	29.52	*	55	-2	S	4	r	3	0.32	63	54	*	*	*	*	*	*	
Brest (St. Mathieu) ...		29.38	54	SE	4	r	29.26	+0.04	57	+4	SSW	6	c	7	0.95	64	55	*	*	*	*	*	*	
Lorient (Beo Melen) ...		29.36	57	S	7	r	29.36	*	59	+2	SSW	6	o											

## GALES.

Duration and Extreme Force  
on British Coasts.

Portland Bill.  
Gale 11 p.m. - 2 a.m. Ex. E-S.

\* Information for these columns not usually received.

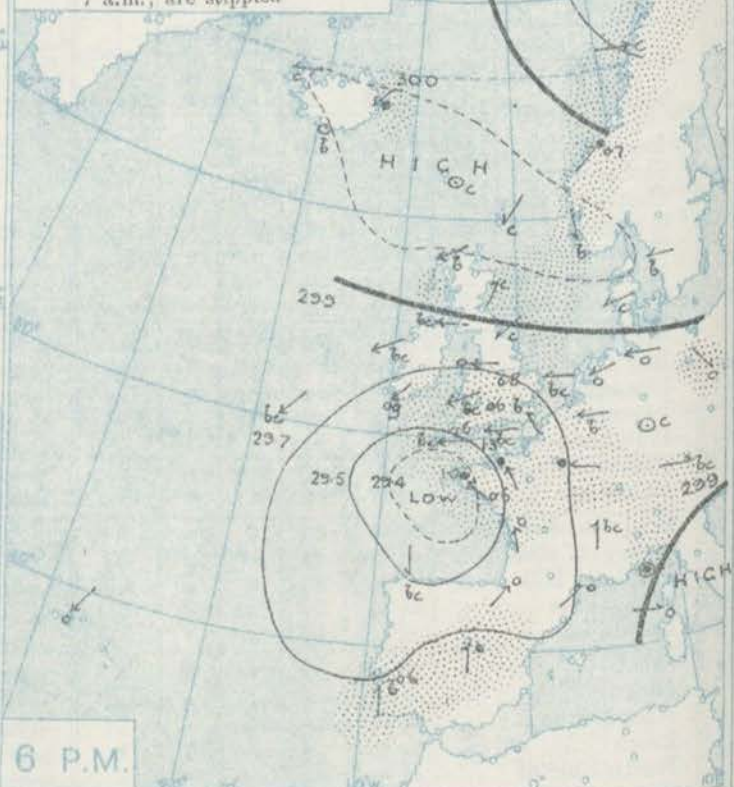
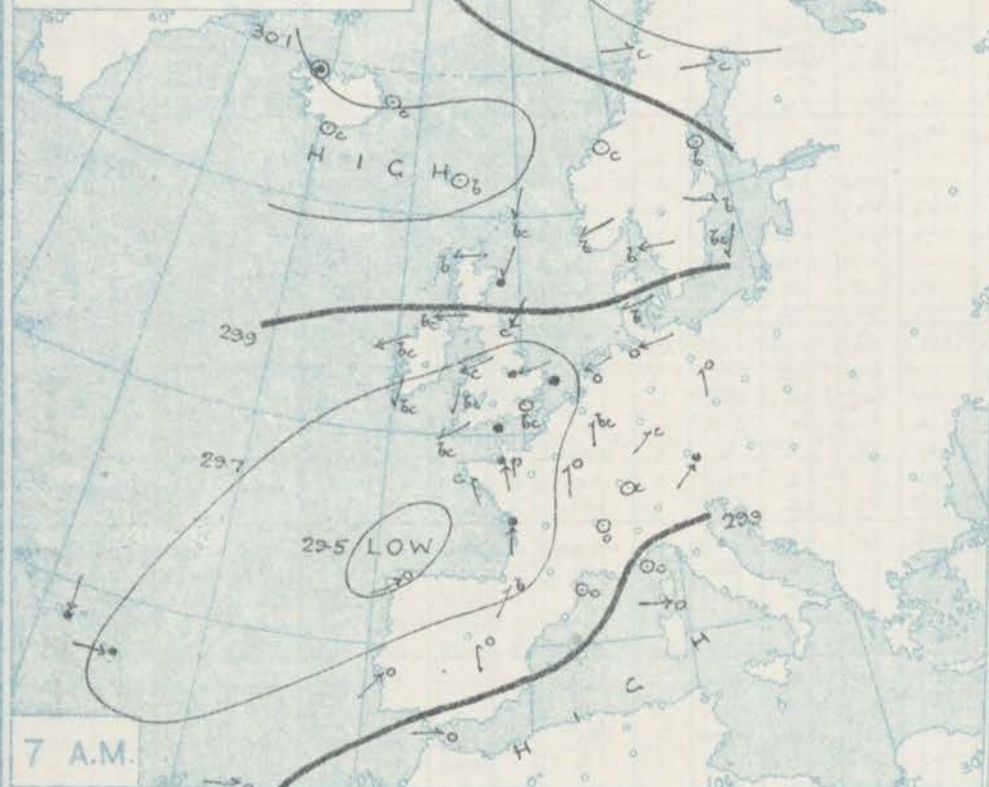
† Received too late for insertion in Charts.



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



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 near the mouth of the Channel is likely to move slowly northwards, and the rainy weather now prevailing in the south will extend gradually

## WEATHER PROSPECTS.

to most other parts of the Kingdom. On the English and Irish coasts the easterly wind will blow with considerable strength.

## FORECASTS FOR THE 24 HOURS NOON

0 {  
1 {

Light variable breezes and fair, cold weather, followed by moderate easterly winds, some rain and a rising temperature.

2 {  
3 {

Easterly winds, strong in places; fair at first, cloudy later, with occasional rain; cool.

4 {  
5 {

Easterly winds, moderate or fresh; cool; cloudy, occasional rain.

Fresh or strong easterly or south-easterly winds, moderating later and veering to the southward; cool; cloudy, occasional rain.

## 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.

North Coast hoisted at 7 p.m. yesterday in Districts 5, 7, 8, 9, 10 and 11.

## Tuesday

6 {  
7 {

## TO NOON Wednesday.

Easterly winds, light or moderate; fair to-day, some rain to-morrow; cool.

Easterly winds, freshening; cool, cloudy, occasional rain.

8 {

Strong Easterly winds, moderating later; cool; cloudy, occasional rain.

9 {

Easterly and North-Easterly winds, freshening; fair at first, cloudy later, some rain; cool.

10 {

Freshening Easterly and North-Easterly winds, cool; cloudy, occasional rain.

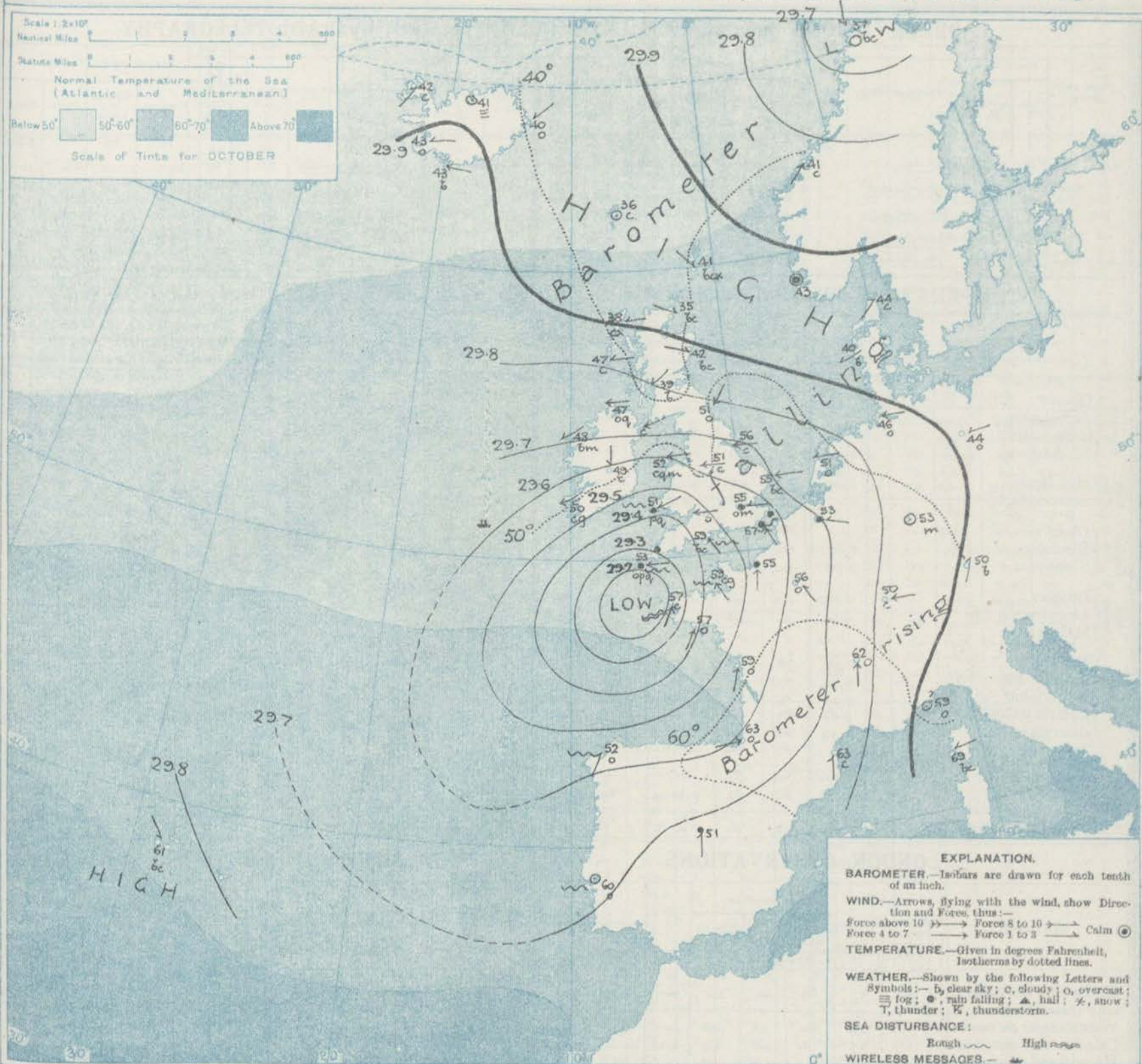
## 11 WESTERN CHANNEL AND BAY.

Fresh or strong Easterly winds mouth Channel, fresh South-Westerly winds further South; sea rather rough; cloudy, changeable, some rain; normal temperature.

## THE FURTHER OUTLOOK.



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



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

A small depression which lay yesterday off the northwest coasts of Spain has become deeper and has advanced northward to the mouth of the Channel. A band of relatively high readings extends from the Baltic to eastern Ireland.

The wind is moderate to strong from the southward or south-westward in the west and south of France, from the eastward on the English coasts, and from North-East in Ireland. In the north of Scotland a light North-Western current is reported. Temperature has risen decidedly at our southern stations, but fallen in the north, over the United

Kingdom the morning readings range from between 55° and 59° on the south and east coasts of England to 40° and less in Scotland, and to 35° at Wick and Traill. In the south of France the readings are above 60°. The weather is fine in Scotland and the north of Ireland, but cloudy or overcast elsewhere, with rain over the south of England and the neighbouring portions of the Continent. The sea is rather rough on the English and Welsh coasts and in the Bay, moderate or slight elsewhere.



## DAILY WEATHER REPORT.

Tuesday, 7th October, 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 1pm	51	12	Sicilian	O	29.71	00	NNE	6-7	c	6th 1pm	50	18	Franconia	H	29.71	00	NNE	4-5	c
" 7am	49	22	Marquette	O	29.84	+0.5	NE	6-7	c	"	52	15	Royal George	H	29.74	-0.1	NNE	4-5	c
"	50	21	Haverford	H	29.85	-0.1	N	6-7	bc	7th "	51	15	Haverford	H	29.64	-0.1	NE	1-3	c
"	50	21	Lusitania	O	29.75	+0.7	NE	4-5	b	6th "	50	13	Minnevaska	O	29.65	+0.1	N	1-3	bc
6th 6pm	50	18	Haverford	H	29.83	00	NE	4-5	bc	" 6pm	50	17	do.	O	29.72	00	N	4-5	c

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.	F.	F.			Hr.	England, S.E.		In.	F.	F.			Hr.
{ Oban ...								{ Margate ...		0.13	62	46	b	b	7.5
{ Stonehaven ...								{ Ramsgate ...		0.16	61	45	b	b	8.0
{ Carnoustie ...								{ Folkestone ...		0.02	60	48	or. bc	bc-o	8.3
{ St. Andrews ...		0.05	61	46	b	b	4.5	{ Hythe ...							
England, N.W.								{ Littlestone ...							8.5
{ Harrogate ...		0.08	52	46	o.c. bc	bc-o.c	0.4	{ Hastings ...			62	48	b	b	8.1
{ Scarborough ...			54	50	o.c	o.c	2.6	{ Bexhill-on-Sea ...			63	50	b. bc	b. bc	7.9
England, N.W.								{ Eastbourne ...			58	54	b. bc	bc. b	8.0
{ Douglas ...								{ Seaford ...		0.11	63	46	r	bc. b	6.6
{ Blackpool ...		0.07	55	49	o.c	op	0.2	{ Brighton ...			62	46	c	c	7.6
{ Southport ...		0.05	54	48	od-o	or	0.0	{ Worthing ...		0.01	63	46	bc	bc	6.0
Mid-lands								{ Littlehampton ...		0.03					5.3
{ Buxton ...		0.62	49	46	cr od	od	0.0	{ Southsea ...		0.10	62	46	c. bc	bc	4.5
{ Leamington Spa ...		0.14	61	48	c	o	4.9	{ Ryde ...		0.03	60	56	c. bc	bc	4.5
{ Malvern ...							3.4	{ Ventnor ...		0.09	62	51	*	*	2.8
Wales								{ Bournemouth ...		0.20	60	42	r. or	c-o	
{ Rhyl ...		0.15	55	49	o	o	0.0	{ Weymouth ...		0.03	60	47	r. c	c	4.9
{ Colwyn Bay ...		0.24	54	49	e	cd	0.0	{ Exmouth ...		0.55	61	44	r. cd. c	bb. bc	2.5
{ Llandudno ...		0.21	54	49	or	or	0.0	{ Teignmouth ...		0.31	59	46	cpq	cp. bc	1.4
{ Bettws-y-Coed ...		0.06	57	48	or	or	0.0	{ Torquay ...		0.35	60	47	o	c. bc. c	4.8
{ Aberystwyth ...		0.18	60	49	r-o.c	c. bc	4.0	{ Paignton ...		0.47	61	46	op c. bc	b	5.8
{ Tenby ...			60	48	o. b	b. bc	4.5	{ Falmouth ...		0.01	59	47	o c	c. b	8.7
England, E.								{ Bude ...			60	40	cw. cp	bc. b	7.5
{ Lowestoft ...		1.04	63	52	or. c	c	1.1	{ Ilfracombe ...			58	44	bc	bc	6.0
{ Felixstowe ...		0.23	62	52	c. bc	bc	6.9	{ Weston-super-Mare ...			60	47	b. bc. b	b. bc. b	
{ Walton-on-Naze ...		0.15	61	49	cm. bc	bc	5.0								
{ Southend-on-Sea ...		0.15	64	51	bc. b	p	7.0								

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.	
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.			
			Max.	Min.														Max.		Min.
	%	%	F.	F.	F.	In.				Hr.	In.	F.	F.	F.				Hr.		
Greenwich (Royal Obs.) ...	63	97	63	49	1.0	0.17	b. bc	bc p	bc. or	6.9	Dublin to 4 p.m.	0.28	55	50	49	or q	p q. o	p q q	6.1	
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	3.5	Plymouth to 9 p.m.	0.24	59	47	37	or	c. b	bc v	0.6	
Westminster (St. James's Pk.)	62	94	64	53	4.6	0.11	or	bc	bc r	4.5	Darwen "	0.02	51	46	44	or	or. b	or	0.6	
Camden Sq. (Brit. Rainfall)	62	97	66	48	4.3	0.13	bm. bc	bc. c. o	c. b. or	0.9	Manchester "									
Hampstead (Reservoir) ...	*	98	61	48	3.7	0.14	bc p	bc p	or m	4.2	Birmingham "	0.28	58	49	46	r	o	c	1.7	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									Oxford to 8 p.m.	*	63	45	39	cm. bc	bc. c	c. or	4.7
			Total.		Mean Rate.		Max. Rate.				Richmond Park									
											S. Kensington	0.03	62	47	35	bc. bc	o. p. u. o. b. y			
S. Kensington (Roof of M.O.)	66	93	655	Joules.	12.8	Milliwatts.	55	Milliwatts.	3.7		(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

7th & 8th Oct. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.0 6.8	G.M.T. 11.41 11.41	G.M.T. 5.16 5.16
Greenwich ...	G.M.T. 6.12 6.4	G.M.T. 11.48 11.48	G.M.T. 5.24 5.22
Wick ...	G.M.T. 6.32 6.35	G.M.T. 12.0 12.0	G.M.T. 5.28 5.25
Valencia ...	G.M.T. 6.53 6.55	G.M.T. 12.29 12.29	G.M.T. 6.5 6.3

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 60° or a trifle above it at several of the English stations, but in many parts of North Britain it failed to reach 55°. On the east and south-east coasts the duration of bright sunshine was large. Heavy rain was experienced in several parts of England; at Belvoir castle the amount registered between 6 p.m. on Sunday and 1 p.m. yesterday was as large as 1.8 inch. Wireless reports show that as far west as the 22nd meridian ships experienced light to fresh North-easterly winds, and fair weather.

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

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.



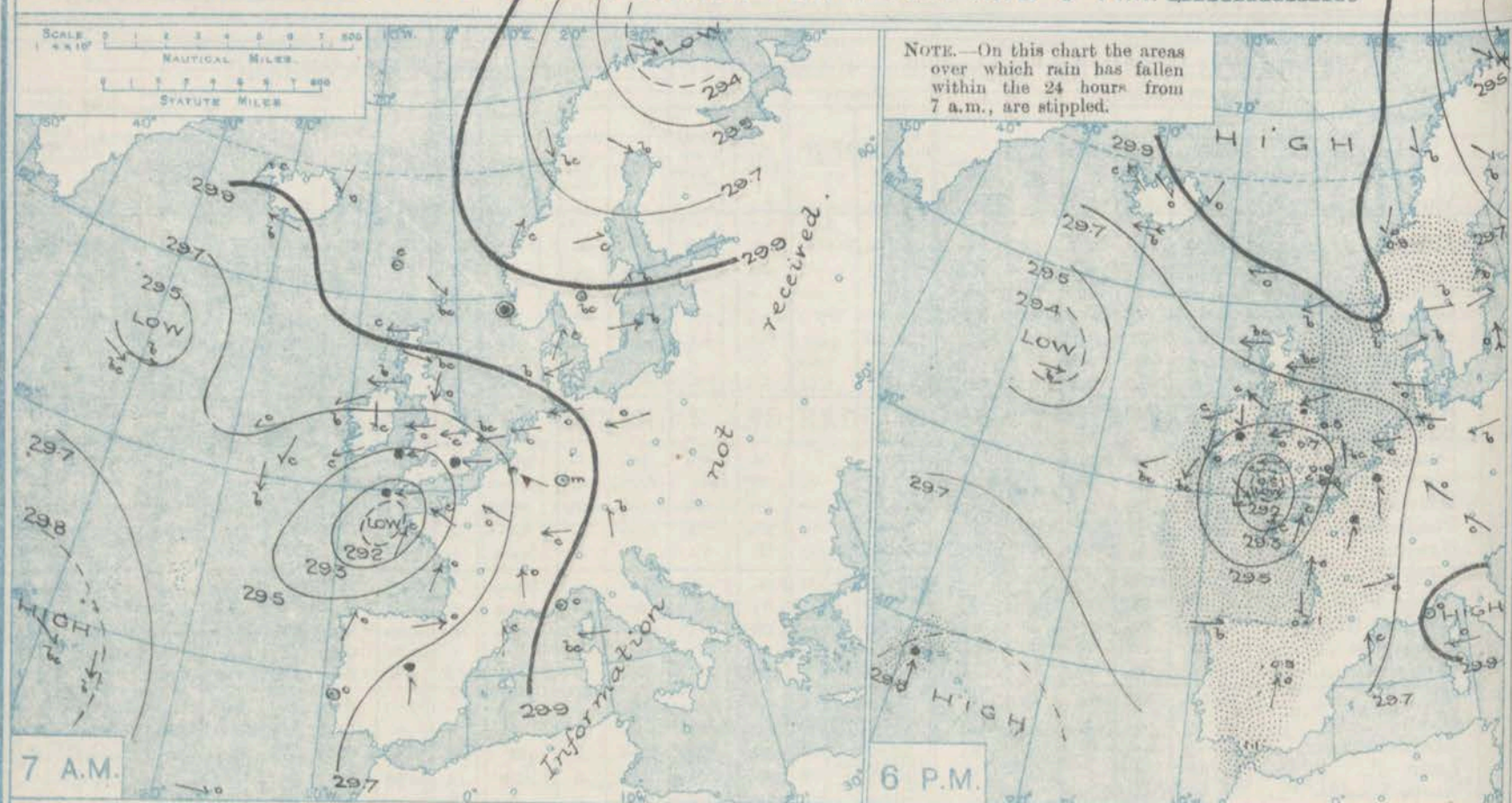
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,  
8th October 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 15).	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 15).	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.						
Verdö. ... ..	29.48	33	NW	6	S	29.69	+0.21	22	+5	N	6	o	3	?	34	25	2	2	2	2	2	2	2	2	2
Lerwick ... ..	29.59	44	ENE	1	b	29.81	-0.01	47	+6	NE	3	c	2	1a	50	41	1c	1	1	1	1	1	1	1	1
Stornoway ... ..	29.77	48	E	4	bc	29.73	+0.02	46	+8	ESE	4	c	4	-	51	38	1	1	1	1	1	1	1	1	1
Castlebay (Barra Isd.)	29.69	50	NE	2	c	29.68	-0.00	46	-1	NE	3	b	3	-	52	41	1	1	1	1	1	1	1	1	1
Glasgow ... ..	29.69	46	NE	3	b	29.53	-0.00	47	+8	NE	6	aq	2	0.02	52	39	1	1	1	1	1	1	1	1	1
Malin Head ... ..	29.62	52	ESE	4	c	29.56	-0.00	48	+1	NNE	4	bcq	1	-	53	41	1	1	1	1	1	1	1	1	1
Blackod Point ... ..	29.57	53	ENE	3	cm	29.57	-0.00	48	0	NE	1	bc	1	Trace	56	41	1	1	1	1	1	1	1	1	1
Valencia ... ..	29.48	54	NNE	3	o	29.55	+0.05	46	-4	NNE	1	bc	3	0.01	57	46	1	1	1	1	1	1	1	1	1
Roche's Point ... ..	29.39	53	NNE	3	cg	29.48	+	49	-2	N	4	bc	3	0.09	56	49	1	1	1	1	1	1	1	1	1
Birr Castle ... ..	29.47	51	N	1	r	29.51	+	45	-4	W	1	c	2	0.11	53	44	1	1	1	1	1	1	1	1	1
Donaghadee ... ..	29.57	54	E	5	bc	29.46	?	51	+2	NE	5	opqm	4	0.04	55	49	1	1	1	1	1	1	1	1	1
Liverpool Obsy. ... ..	29.46	50	ENE	5	o	29.36	-0.00	50	0	ENE	1	cm	2	0.29	55	48	1	1	1	1	1	1	1	1	1
Holyhead ... ..	29.43	53	ENE	6	ogm	29.36	-0.00	51	+2	NE	2	egm	4	0.29	54	52	1	1	1	1	1	1	1	1	1
Pembroke (St. Ann's Hd.)	29.29	51	ESE	5	c	29.33	+0.04	53	+2	NNW	4	cpm	2	0.42	54	51	1	1	1	1	1	1	1	1	1
Newquay ... ..	29.13	54	SSE	4	o	29.39	+0.07	55	+2	NW	5	bcq	4	0.52	57	53	1	1	1	1	1	1	1	1	1
Scilly (St. Mary's) ... ..	29.24	55	NW	4	bc	29.41	+0.05	52	+1	NW	4	cpq	4	0.07	60	52	1	1	1	1	1	1	1	1	1
Jersey (St. Aubin) ... ..	29.43	62	SSW	4	c	29.46	+	57	-2	SW	6	cpq	5	0.18	64	56	1	1	1	1	1	1	1	1	1
Portland Bill ... ..	29.36	60	SSW	5	r	29.29	-0.00	58	-1	WSW	6	cu	5	0.44	61	55	1	1	1	1	1	1	1	1	1
Dungeness ... ..	29.53	60	SW	5	op	29.43	-0.03	59	+2	SSW	6	q	6	0.59	61	55	1	1	1	1	1	1	1	1	1
Dover ... ..	29.52	59	SSW	4	bc	29.42	+	57	+3	SW	6	c	6	0.39	59	53	1	1	1	1	1	1	1	1	1
Wick ... ..	29.81	38	SE	4	c	29.73	-0.00	49	+14	NE	3	q	4	0.07	51	34	1	1	1	1	1	1	1	1	1
Nairn ... ..	29.77	44	E	1	bc	29.68	+	43	+8	E	1	q	2	-	51	33	1	1	1	1	1	1	1	1	1
Aberdeen ... ..	29.77	48	E	4	bc	29.65	-0.00	49	+7	ENE	6	or	4	0.06	52	41	1	1	1	1	1	1	1	1	1
Leith ... ..	29.68	51	E	4	o	29.51	-0.03	50	+11	NE	5	rq	2	0.09	54	39	1	1	1	1	1	1	1	1	1
North Shields ... ..	29.61	52	ENE	4	o	29.44	-0.00	51	+3	ENE	3	r	6	0.41	55	51	1	1	1	1	1	1	1	1	1
Spurn Head ... ..	29.53	57	SSE	4	c	29.39	-0.04	57	+1	S	4	cu	4	0.52	?	51	1	1	1	1	1	1	1	1	1
Yarmouth ... ..	29.51	57	S	2	bc	29.42	+0.03	54	-1	S	2	cm	2	0.34	59	55	1	1	1	1	1	1	1	1	1
Clacton-on-Sea ... ..	29.50	59	SSE	4	bc	29.42	-0.01	57	+1	SSE	4	cu	4	0.41	59	56	1	1	1	1	1	1	1	1	1
Nottingham ... ..	29.49	53	N	1	o	29.39	+	51	0	ESE	2	cpm	2	0.67	54	50	1	1	1	1	1	1	1	1	1
Bath ... ..	29.40	55	S	2	o	29.28	+	53	+1	SSE	3	o	2	0.48	62	49	1	1	1	1	1	1	1	1	1
London (Kew Obsy.) ... ..	29.48	56	SE	2	c	29.37	-0.01	54	-1	S	2	or	2	0.58	61	51	1	1	1	1	1	1	1	1	1
Spitzbergen ... ..	30.00	14	SSE	2	o	29.89	-0.01	19	0	-	0	S	2	?	19	10									
Isafjord ... ..	29.86	45	SE	4	c	29.85	+0.02	37	-5	-	0	c	2	?	?	?									
Reykjavik ... ..	29.75	47	ENE	5	c	29.75	+0.04	43	0	ENE	5	c	2	?	?	?									
Vestmanna ... ..	29.72	45	E	9	b	29.70	+0.01	42	-1	E	9	bc	2	?	?	?									
Seydisfjord ... ..	29.95	41	NE	3	o	29.93	+0.01	40	0	-	0	c	2	?	?	?									
Thorshavn ... ..	29.89	44	E	3	o	29.88	-0.00	44	+8	ENE	3	o	2	?	?	?									
Haparanda ... ..	29.64	23	NW	2	b	29.82	+0.04	18	-8	NW	2	b	2	-	36	44									
Hernösand ... ..	29.74	36	-	0	b	29.89	+0.05	30	-11	-	0	b	2	Trace	41	25									
Stockholm ... ..	29.82	41	WSW	2	b	29.85	+0.04	37	0	NW	2	b	2	Trace	43	34									
Wisby ... ..	29.89	49	S	2	o	29.89	-0.01	47	+3	WSW	2	bc	2	-	50	45									
Karlstad ... ..	29.84	41	W	2	b	29.87	+0.04	31	-3	NNE	2	b	2	-	50	27									
Færder (X'ania Fjord)	29.82	49	SW	4	bc	29.84	+0.01	42	-3	N	4	b	2	-	50	43									
Bodö ... ..	29.76	33	N	1	b	29.87	+0.06	31	-6	E	1	b	1	?	?	37									
Christiansund ... ..	29.85	43	NNE	1	o	29.91	+0.01	37	-4	SE	1	b	3	0.83	43	37									
Skudesnaes ... ..	29.90	42	-	0	b	29.79	-0.02	41	-2	E	2	b	2	0.08	43	37									
The Scaw (Skagen) ... ..	29.87	46	WSW	1	b	29.80	-0.01	48	+4	E	2	o	0	-	50	37									
Blaavands Huk ... ..	29.80	42	ESE	2	o	29.60	-0.04	47	+7	ESE	3	r	2	0.20	54	39									
Cuxhaven ... ..	29.72	49	ESE	5	o	29.54	-0.06	52	+6	S	1	m	0	0.08	52	48									
The Helder ... ..	29.60	56	E	3	o	29.49	-0.02	54	+3	S	2	m	1	0.08	57	50									
Brussels ... ..	29.60	59	S	1	r	29.54	-0.01	53	0	SSW	1	r	1	0.08	64	52									
Berlin ... ..	29.84	50	E	2																					



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



## GENERAL INFERENCE

The depression over England is likely to move slowly north-eastward, and to disperse gradually. A temporary improvement in the weather may, therefore be expected to take place over our southern districts. The reports

from Iceland and the Azores indicate the presence of other disturbances over the Atlantic, and these will probably begin to affect our own western coasts in the course of the ensuing twenty-four hours.

## WEATHER PROSPECTS.

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

0 {  
a Easterly or North-easterly winds,  
moderate or fresh; fair at first, some rain  
later; moderate temperature.

1 {  
a Easterly and North-easterly  
winds, strong in places; dull,  
unsettled, frequent rain; moderate  
temperature.

3 {  
a Moderate South-easterly to South-  
westerly winds; changeable, showery;  
moderate temperature.

5 {  
a South-westerly to westerly winds,  
strong on coast; squally and showery at first,  
improving temporarily later; moderate  
temperature.

### FORECAST DISTRICTS.



### STORM WARNINGS.

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

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

No Warnings Issued.

6 {  
a North-easterly winds, moderate  
or fresh; cloudy, occasional rain;  
moderate temperature.

7 {  
a  
b

8 {  
a North-westerly to westerly winds,  
moderate or fresh; showery at first,  
improving temporarily later; moderate  
temperature.

9 {  
a Light northerly to variable or  
southerly breezes; fair to-day, some  
rain to-morrow; moderate  
temperature.

10 {  
a  
b

### 11 WESTERN CHANNEL AND BAY.

Fresh westerly and south-westerly winds and a rather rough sea; changeable, showery; moderate temperature.

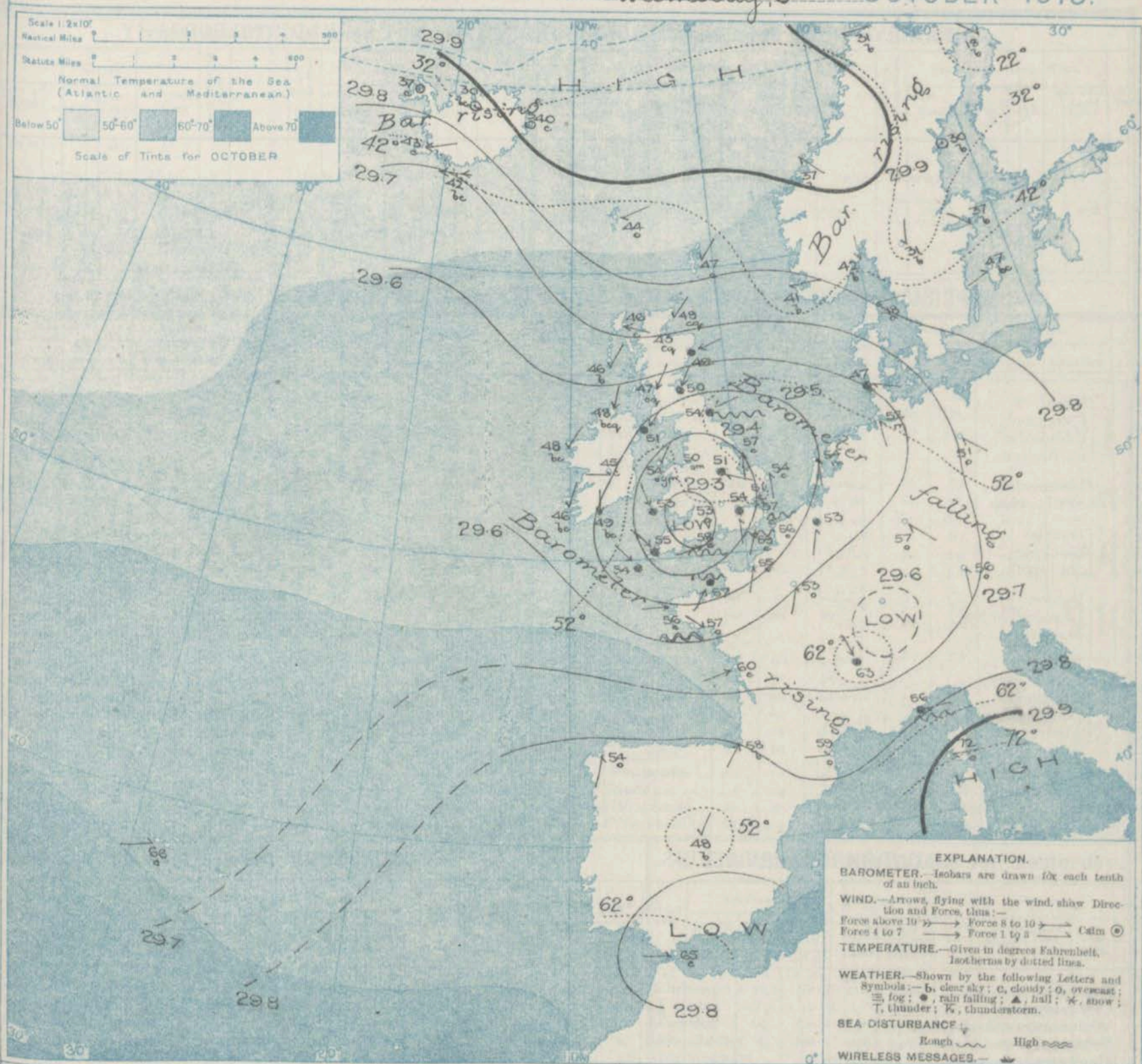
### THE FURTHER OUTLOOK.

(All Districts).

General conditions likely to remain unsettled.



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



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

The depression noticed yesterday morning off the mouth of the Channel is moving slowly north eastward, and is at present centred over Somerset. The highest pressures are still situated between Iceland and the west of Norway, in which regions the barometer is rising slowly.

A complete cyclonic circulation of air prevails round the baric minimum; in the Channel the wind is strong from the South Westward, while on the east coast of Scotland it is equally strong from East and North East. Temperature has risen decidedly over North Britain and also in Germany, but fallen

in Scandinavia. Over the United Kingdom the morning readings range from between 57° and 59° on our south and east coasts to 45° and less in the central parts of Ireland and Scotland. The weather is fine in Ireland, and also in Iceland and Scandinavia. Elsewhere the sky is cloudy or overcast with rain in many parts of Great Britain, France and the Netherlands. The sea is rough on our south and east coasts.



## DAILY WEATHER REPORT.

Wednesday, 8th October, 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.	
7th 6 p.m.	53	24	Empress of Britain	H	29.38	+0.3	W	6-7	b	7th 7 a.m.	53	30	Parisian	O	29.58	+0.1	WNW	6-7	bc
"	51	14	Montrose	H	29.57	+0.2	ENE	1-3	bc	"	53	29	Royal George	O	29.47	-0.2	W	6-7	b
"	51	12	Haverford	H	29.53	-0.6	NE	4-5	bc	"	52	17	Montrose	H	29.68	+0.2	ENE	1-3	bc
											55	14	Corsican	H	29.81	-0.0	SE	4-5	b

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	...	56	37	b	b	9.0	England, S.E.	Margate	0.79	59	52	r	r, bc	1.3
	Stonehaven	...	...	...	...	...	...		Ramsgate	0.81	58	53	r	bc	0.8
	Carnoustie	...	...	...	...	...	...		Folkestone	0.78	60	54	r	bc	1.8
	St. Andrews	...	56	41	b	bc	7.9		Hythe	...	...	...	...	...	2.7
England, N.E.	Harrogate	0.32	53	34	e. bc, c	or	0.3	England, S.W.	Littlestone	...	...	...	...	...	3.2
	Scarborough	...	57	50	ofr	ofr	3.0		Hastings	0.74	61	55	or	o, bc	3.0
England, N.W.	Douglas	...	...	...	...	...	...		Bexhill-on-Sea	0.73	61	55	or	bc, c	3.4
	Blackpool	0.31	55	46	c. o.	or	0.5		Eastbourne	0.79	60	55	e. cr	bc, c	3.2
	Southport	0.38	55	54	o	or	0.0		Seaford	0.86	61	53	r	r, bc	3.7
Mid-lands.	Buxton	0.49	50	45	cd. o	cr. od	0.0		Brighton	0.36	61	54	cr. o	o, c	3.3
	Leamington Spa	0.28	58	49	or	c. b	0.2		Worthing	0.62	62	54	r. o	bc	3.7
	Malvern	...	...	...	...	...	0.0		Littlehampton	0.75	...	...	...	bc, c	2.0
Wales.	Rhyl	0.11	54	47	r	r	0.0		Southsea	1.10	63	51	cp, bc	bc, c	2.0
	Colwyn Bay	0.30	55	47	bc, cd	cd, g. d	0.0		Ryde	0.70	62	57	p. bc	bc, c	2.8
	Llandudno	0.34	55	48	or	o	0.0		Ventnor	0.60	63	54	*	*	3.7
	Bettws-y-Coed	0.13	56	38	or	or	0.0		Bournemouth	0.53	63	50	r. o, c	bc, or	5.7
	Aberystwyth	0.26	57	51	o, c, o	or	1.2		Weymouth	1.10	62	54	3lr, bc	p, bc	3.1
England, E.	Tenby	0.44	58	52	bc, o	r	2.3		Exmouth	0.88	61	43	r, c, bc	p, c, b	3.4
	Lowestoft	0.30	60	55	e, bc, o	or, o, c, b	0.1		Teignmouth	1.12	61	53	ep	b, bc	5.2
	Felixstowe	0.62	59	54	mv. org	or, bc	1.2		Torquay	0.40	61	54	p, bc	c, bc, c	5.5
	Walton-on-Naze	0.30	58	54	r, c	e, bc, c	1.1		Paignton	0.45	62	51	bc, p	bc	2.3
England, S.W.	Southend-on-Sea	0.44	61	55	r	bc	3.0		Falmouth	0.52	58	53	cp	or, g	2.7
									Bude	0.30	62	51	p	p	3.7
									Ilfracombe	0.24	60	53	bc, p	bc, p	3.0
									Weston-super-Mare	1.05	61	50	b, bc, c	bc, bc	3.0

## 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.	
	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.) ...	68	92	63	51	41	0.41	or	bc, c	bc, or	2.7	Dublin to 4 p.m.	0.69	54	52	50	cp, g	org	2.9		
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	2.1	Plymouth to 9 p.m.	0.24	61	53	50	bc, g	bc, g	0.0		
Westminster (St. James's Pl.)	72	92	62	53	43	0.46	r, bc	bc, r	bc	2.1	Darwen	0.36	52	43	40	o, bc, u	ow	0.0		
Camden Sq. (Brit. Rainfall)	69	95	62	51	46	0.46	or	o, c, bc	bc, or	1.7	Manchester	0.33	56	47	*	o	o, g	0.0		
Hampstead (Reservoir) ...	*	*	*	*	*	*	*	*	*	*	Birmingham	0.35	54	49	45	-	or	or	0.0	
Kew. (See front page.)	*	*	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.								*	Oxford to 8 p.m.	*	60	48	44	bc, or	or, c	2.3	
			Total.		Mean Rate.		Max. Rate.				Richmond Park.	*	*	*	*	*	*	*		
S. Kensington (Roof of M.O.)	67	88	407	Joules.	10.1	Milliwatts.	42	Milliwatts.	2.1	S. Kensington (Museum Grounds to 6 p.m.)	0.38	62	53	46	or	o, c, bc	bc	*		

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

8th & 9th Oct. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 6.8 6.9	G.M.T. 11.44 11.40	G.M.T. 5.14 5.11
Greenwich	6.14 6.15	11.48 11.47	5.22 5.19
Wick	6.35 6.37	12.0 11.59	5.25 5.22
Valencia	6.55 6.56	12.29 12.23	6.3 6.0

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 60° and upwards in the south and east of England, and locally in the west of Scotland; at many of our northern and central stations it failed to reach 55°. The amount of bright sunshine was generally small. Rain fell in all but the extreme northern and north-western districts, and thunderstorms or lightning singly occurred locally in the south of England. Wireless reports show that as far west as the 17th meridian ships experienced light to moderate North-easterly winds and fair weather; further to the westward the wind was strong from West or North-West.

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



## 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.	
8th 6p.m.	55	12	Empress of Britain	H	29.71	+0.09	SSE	4-5	b	8th 7am.	56	17	Empress of Britain	H	29.53	+0.05	SE	1-3	b
"	51	11	Arabic	O	29.65	+0.03	S	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.	Oban ...	In.	F.	F.			Hr.	England, S.E.	Margate ...	In.	F.	F.			Hr.
	Stonehaven ...	"	54	36	o	c	0.0		Ramsgate ...	"	60	54	p	p	1.7
	Carnoustie ...	"	"	"	"	"	"		Folkestone ...	"	59	54	"	"	2.0
	St. Andrews ...	0.36	59	47	p	p	0.0		Hythe ...	"	60	53	r. o	o.rtl	0.0
England, N.E.	Harrogate ...	0.80	57	45	o. b. bc	thr. o	1.2	England, S.W.	Littlestone ...	"	"	"	"	"	2.4
	Scarborough ...	"	58	50	o. c	o. c	1.8		Hastings ...	"	61	53	op. bc	bc. thr	2.2
England, N.W.	Douglas ...	"	"	"	"	"	"		Bexhill-on-Sea ...	"	60	54	p. bc	thr. c	2.7
	Blackpool ...	0.35	59	54	c. or	or	1.6		Eastbourne ...	"	61	56	o. c	o. thr	2.8
	Southport ...	0.07	56	44	bc. o. c	cl. bc. r	3.3		Seaford ...	"	61	52	r	or	1.6
Mid-lands.	Buxton ...	0.50	54	46	cr	bc	0.8		Brighton ...	"	60	56	cp. thr	opt. o	2.2
	Leamington Spa ...	0.23	58	50	c. b	am	0.6		Worthing ...	"	61	54	thr. p	thr. p	1.9
	Malvern ...	"	"	"	"	"	0.0		Littlehampton ...	"	"	"	"	"	3.1
Wales.	Rhyl ...	0.11	59	48	o	o	4.3		Southsea ...	"	60	55	bc. p	pt. c	1.7
	Colwyn Bay ...	0.15	58	50	c. bc	bc. c	1.2		Ryde ...	"	61	56	p	p	2.7
	Llandudno ...	"	63	50	cg	cg	0.0		Ventnor ...	"	"	"	"	"	"
	Bettws-y-Coed ...	"	57	52	o. c. o	o. og	0.0		Bournemouth ...	"	61	53	r. c. o	c. o	2.6
England, E.	Aberystwyth ...	"	58	50	b. bc	g	3.0		Weymouth ...	"	62	55	cp	c	2.3
	Tenby ...	0.60	58	50	b. bc	g	3.0		Exmouth ...	"	60	54	b	b	4.5
	Lowestoft ...	0.05	61	55	bc. op	o. c	3.6		Teignmouth ...	"	61	54	bc. p	bc. p	5.2
	Felixstowe ...	0.09	60	53	cp. q	cp. q	2.7		Torquay ...	"	61	54	bc	bc. c	3.5
England, S.W.	Walton-on-Naze ...	0.16	58	56	cr	c. bc	1.5		Paignton ...	"	"	"	"	"	"
	Southend-on-Sea ...	0.03	61	55	p	p	2.8		Falmouth ...	"	58	52	cp	c. b	5.4
									Bude ...	"	60	53	p. bc	bc. p	1.6
									Ilfracombe ...	"	58	53	cg	bc. o	1.0
									Weston-super-Mare ...	"	59	50	r. b. p	c	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.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.				
			Max.	Min.		Max.				Min.		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.) ...	80	76	61	52	49	0.05	c. or	or	r. o	2.1	Dublin to 4 p.m.	0.26	51	48	47	or	og	opg	*		
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	0.9	Plymouth to 9 p.m.	0.22	59	53	49	bc	bc	bcv	2.5		
Westminster (St. James's Pk.)	87	75	60	53	51	0.07	r	r	r. bc	1.1	Darwen	0.05	57	43	38	one	ou. b	bc. or	0.8		
Camden Sq. (Brit. Rainfall)	83	77	60	52	49	0.03	or. o. bc	c. or	o. c. bc	1.5	Manchester "	0.07	60	47	*	op. o	op	bc. op	0.3		
Hampstead (Reservoir) ...	*	78	57	50	43	0.03	op	op	o. bc	0.5	Birmingham "	0.60	54	50	45	-	r	r	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.)	82	78	450 Joules.		11.2 Milliwatts.		45 Milliwatts.			1.1	S. Kensington (Museum Grounds to 6 p.m.)	0.20	59	53	44	or. op. c	op. or	o. op. r	*		

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

2th 10th Oct., 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.9 6.11	G.M.T. 11.40 11.40	G.M.T. 5.11 5.9
Greenwich ...	6.15 6.17	11.47 11.47	5.19 5.17
Wick ...	6.37 6.39	11.59 11.59	5.22 5.19
Valencia ...	6.56 6.58	12.28 12.28	6.0 5.58

## NOTES ON YESTERDAY'S WEATHER.

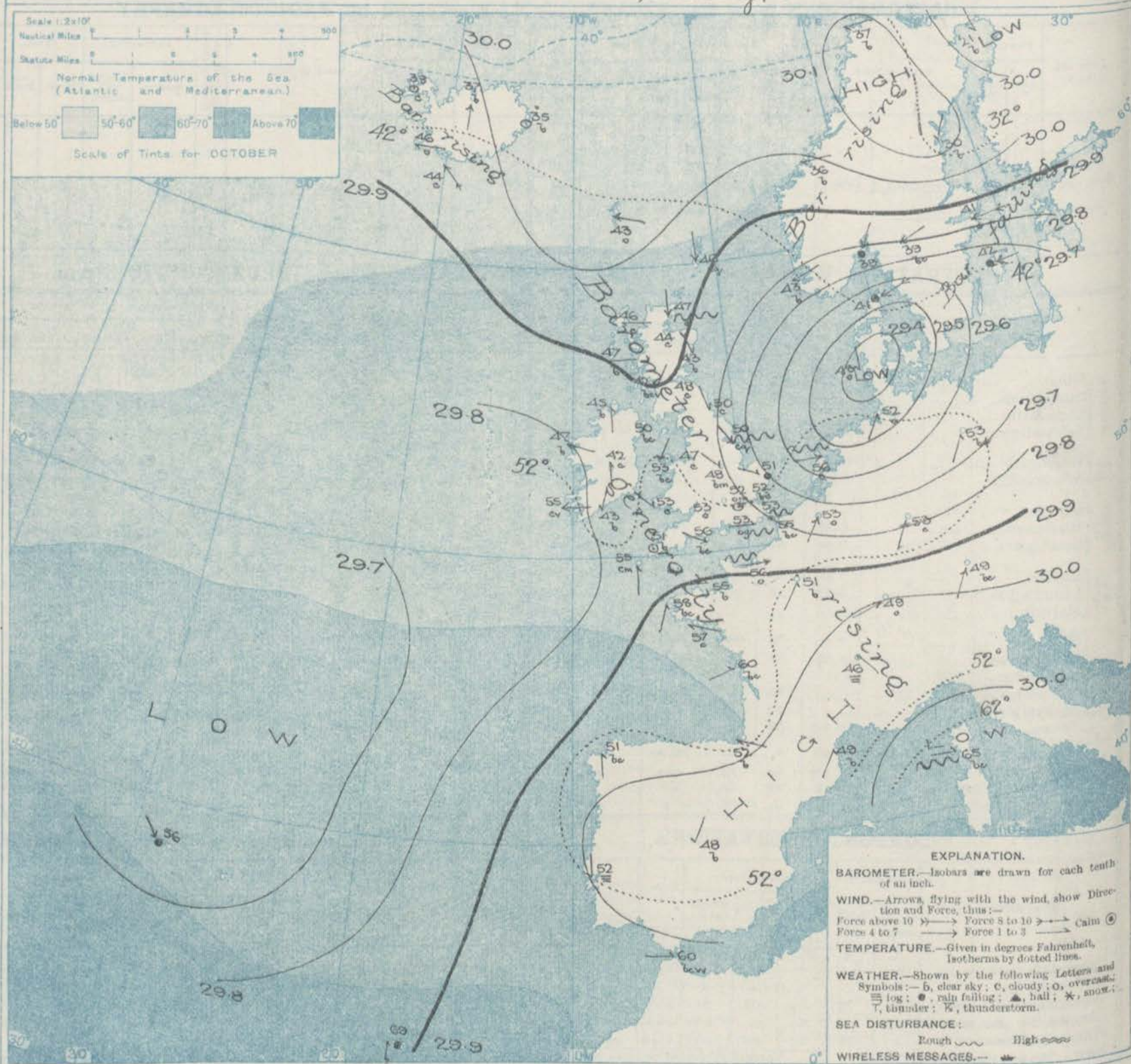
During yesterday the thermometer rose to 60° or a trifle above it in several parts of England and Wales, but in the north and east of Scotland it did not reach 55°. The amount of bright sunshine was generally small. Rain was again experienced in many parts of the Kingdom, and thunderstorms occurred locally over England. Wireless reports show that so far west as the 17th meridian ships experienced light to fresh winds from the southward 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.



# SYNOPTIC CHART FOR 7 A.M. Thursday, 9<sup>th</sup> OCTOBER 1913.



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

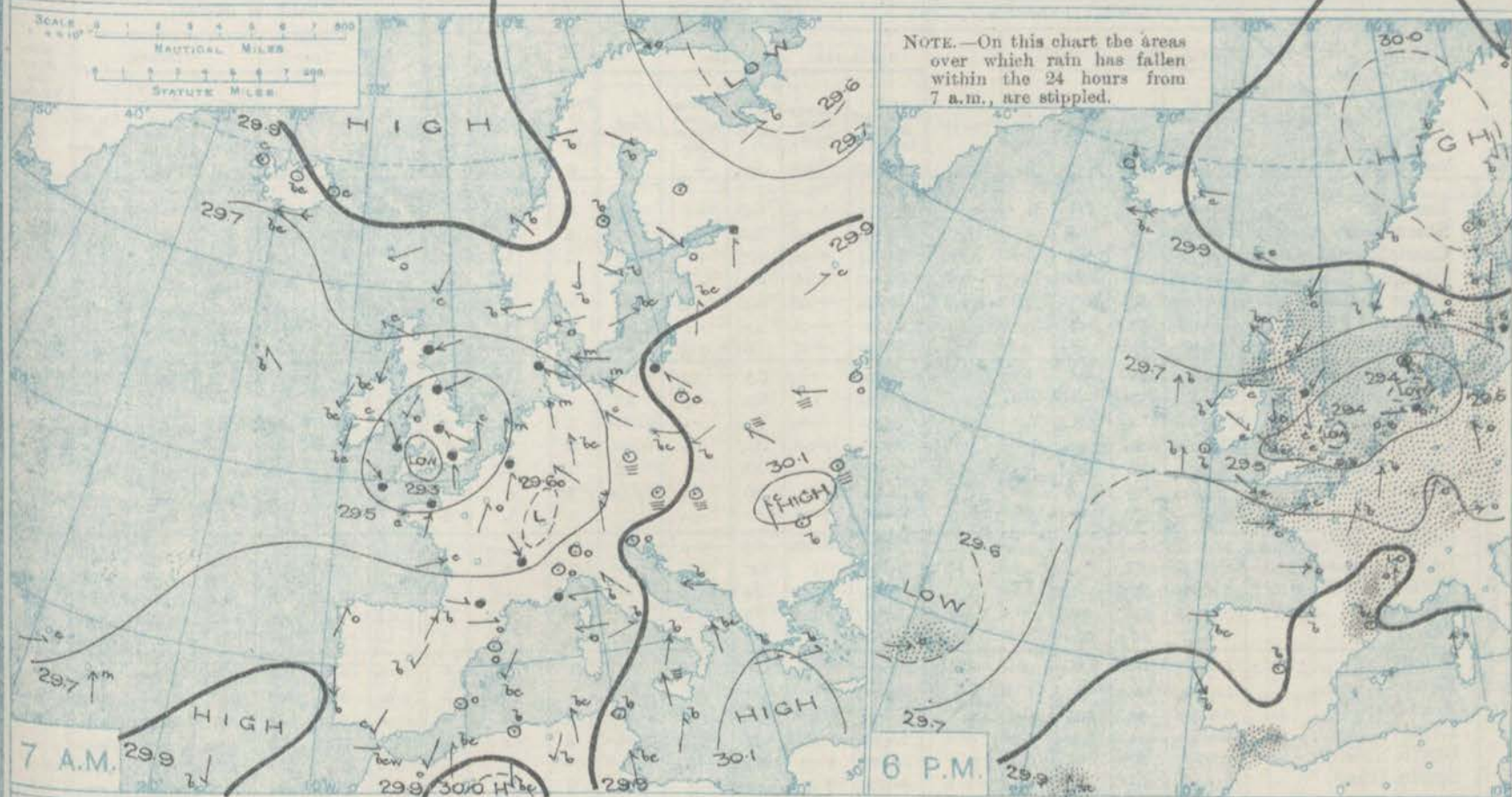
The depression recently noticed over England is now passing away in an easterly direction across Denmark, and the barometer is rising over Western Europe generally. There are, however, indications of the approach of a new disturbance from the south-westward.

A complete cyclonic circulation of air still exists over Western Europe generally, and in the Skagerrack and the south of Sweden the easterly current is strong to a gale in force. In the west of Ireland the wind has shifted to the eastward or south-eastward.

Temperature has changed rather irregularly, but has fallen in most places. Over the United Kingdom the readings range from between 53° and 56° in the south of England and the south west of Ireland to 45° and less over Eastern and Central Scotland. The weather is fair or fine over Western Europe as a whole, but rain is falling in Denmark and the south of Sweden, and snow at Spitzbergen. The sea is slight or smooth generally, but rather rough in the North Sea.



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



## GENERAL INFERENCE

The depression over Denmark will continue to pass away in an Easterly direction. The new disturbance which is beginning to approach our south-west coasts will probably

## WEATHER PROSPECTS.

spread eastward, and will occasion a renewal of rainy weather over a large portion of the country, with freshening South Easterly winds in the south and South West.

### FORECASTS FOR THE 24 HOURS NOON THURSDAY

### TO NOON FRIDAY.

- 0 {  
a } Light Northerly to North.  
b }  
1 { Easterly winds; fair generally.  
2 { fog and ground frost  
inland to night.

#### 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 } Easterly and North Easterly  
b } winds, light or moderate; fair generally; fog and ground frost inland tonight.  
7 {  
a } Easterly winds freshening;  
b } fair to day, some rain tomorrow; cool.  
8 {  
a } South Easterly winds,  
b } freshening fair at first, rain later; cool.  
9 {  
a } Same as No 7.  
b }  
10 {  
a } Easterly winds, freshening;  
b } dull, unsettled, some rain; cool.

#### 11 WESTERN CHANNEL AND BAY.

Freshening southerly and south Easterly winds, and a moderate to rather rough sea; fair at first, rain and mist later.

#### THE FURTHER OUTLOOK.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday  
9th October 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).	Weather.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	
Vardo ... ..		29.88	33	N	4	0	29.83	-0.1	31	-1	W	6	0	3	0	3	3	25	+	+	+	+		
BRITISH ISLANDS.	Lerwick ... ..	In.	F.	NE	4	C	In.	In.	F.	-	M	5	eq	4	0.03	50	43	b	bcp	cpq	*	Hours		
	Stornoway ... ..	29.78	48	ESE	4	bc	29.93	+0.5	46	0	E	3	c	3	-	55	40	bc	bc	bc	8.0			
	Castlebay (Barra Isd.) ... ..	29.71	52	-	0	0	29.90	+0.6	47	+1	E	2	b	2	-	54	45	bc	c.o	o.c.b	5.4			
	Glasgow ... ..	29.66	48	NNE	3	0	29.90	+0.8	42	-5	NE	1	bcv	*	0.01	51	40	odp	ckco	o.b.bc	1.8			
	Malin Head ... ..	29.66	50	E	2	cm	29.84	+0.5	45	-3	S	2	b	1	0.03	52	43	cmpq	cmr	bem	*			
	Blacksod Point ... ..	29.68	53	NE	1	bv	29.80	+0.1	47	-1	ESE	1	b	1	Trace	55	39	bcv	bcv	bew	*			
	Valencia ... ..	29.68	55	-	0	bz	29.75	+0.1	56	+9	E	4	ev	4	-	57	40			bew	9.3			
	Roche's Point ... ..	29.69	54	N	2	b	29.84	*	43	-6	NNE	1	b	2	0.01	57	41	bc	bc	bwo	*			
	Birr Castle ... ..	29.64	53	NW	1	c	29.84	*	42	-3	S	1	c	*	-	55	40	c	c	c	4.2			
	Donaghadee ... ..	29.61	53	ENE	4	c	29.86	+0.1	50	-1	WNW	2	bc	2	-	56	49	cp	c	bcv	*			
	Liverpool Obsy. ... ..	29.50	54	N	1	r	29.84	+0.8	47	-3	NNE	2	c	2	0.02	58	47	op	bc	o.bc	1.5			
	Holyhead ... ..	29.52	56	N	2	cm	29.81	+0.6	53	-1	NE	2	bc	2	0.06	58	53	ckco	ckco	ckco	2.6			
	Pembroke (St. Ann's Hd.) ... ..	29.49	53	NW	4	c	29.84	+0.1	53	0	NW	2	c	2	Trace	57	52	cpm	eq	eq	2.4			
	Newquay ... ..	29.62	53	NW	6	bc	29.87	+0.6	51	-4	-	0	b	3	-	57	51	c bc	bcv	bv	3.7			
	Scilly (St. Mary's) ... ..	29.66	54	NW	4	c	29.84	+0.2	55	+1	S	2	cm	3	0.04	58	50	cap	eq	bem	4.5			
	Jersey (St. Aubin) ... ..	29.63	58	WSW	4	cg	29.91	*	55	-2	W	2	b	2	0.03	61	54	cog	cog	bc.b	3.4			
	Portland Bill ... ..	29.54	57	WNW	6	c	29.82	+0.8	56	-2	WNW	4	bc	4	-	61	53	bc	bc	c.bc	*			
	Dungeness ... ..	29.44	55	SW	7	org	29.76	+1.2	53	-6	W	2	og	4	0.46	61	52	rcq	or. b	cl. or	*			
	Dover ... ..	29.42	55	SW	5	c	29.78	*	53	-4	NW	4	c	5	0.52	59	51	c bc	or. b	or. c	1.9			
	Wick ... ..	29.78	49	NE	4	c	29.91	+0.6	47	-2	N	5	eq	5	0.04	50	44	eq. bc	bc. eq	eqq	*			
	Nairn ... ..	29.74	46	E	1	cg	29.91	*	44	+1	NE	2	c	2	0.31	52	40	cg	d bc	cp. r	3.2			
	Aberdeen ... ..	29.71	49	NE	4	0	29.89	+0.6	43	-6	NW	2	b	4	0.04	52	40	op	op c	o. bc	0.0			
	Leith ... ..	29.63	51	NE	4	0	29.88	+0.8	48	-2	NW	2	c	*	0.09	52	47	ogp	or	o	*			
	North Shields ... ..	29.52	50	NE	3	p	29.82	+0.7	50	-4	NW	2	c	4	0.46	54	50	rtl	or	r. o. c	0.0			
Spurn Head ... ..	29.41	55	S	1	c	29.71	+0.4	50	-7	NW	6	eq	5	0.06	59	46	c	cp	cp	1.3				
Yarmouth ... ..	29.39	57	S	1	bc	29.70	+0.5	51	-3	WNW	3	bcp	2	0.02	61	49	bcp	bc	bc	3.3				
Clacton-on-Sea ... ..	29.38	57	SSW	4	c	29.75	+1.0	52	-5	WNW	3	bc	2	0.15	59	51	ckcp	crq. c	crq. bc	1.6				
Nottingham ... ..	29.45	54	N	2	c	29.81	*	48	-3	NW	2	bm	*	0.14	57	47	cp. o	or. c	ev. c	0.0				
Bath ... ..	29.52	53	W	3	0	29.84	*	53	0	W	1	o	*	0.24	60	51	op	op	o. c. o	0.7				
London (Kew Obsy.) ... ..	29.45	55	WSW	3	c	29.82	+0.8	52	-2	-	0	om	*	0.07	59	52	or. cu. c	or. cu. c	bc. m	1.5				
ICELAND, FAEROE, &c.	Spitzbergen ... ..	29.83	17	-	0	bc	29.76	-0.0	19	0	NE	2	s	*	?	21	14							
	Isafjord ... ..	29.86	46	-	0	b	29.97	+0.1	38	+1	-	0	c	*	*	*	*							
	Reykjavik ... ..	29.83	47	E	5	c	29.96	+0.3	46	+3	E	2	o	*	*	*	*							
	Vestmanna ... ..	29.79	43	E	10	bc	29.95	+0.4	44	+2	SE	9	c	3	*	*	*	*						
SCANDINAVIA.	Seydisfjord ... ..	29.99	42	E	2	c	30.07	+0.1	35	-5	-	0	b	*	*	*	*							
	Thorshavn ... ..	29.92	45	ESE	4	0	30.08	+0.4	43	-1	ESE	4	o	*	*	*	*							
	Haparanda ... ..	30.04	21	N	2	b	29.96	+0.2	21	+3	N	2	b	*	-	32	16							
	Hernösand ... ..	30.05	30	-	0	b	30.12	+0.3	30	0	NE	2	b	*	0.08	41	27							
	Stockholm ... ..	29.93	38	NNE	2	b	29.82	-0.2	41	+4	E	8	o	*	0.08	46	36							
	Wisby ... ..	29.85	44	NW	2	r	29.61	-0.8	42	-5	E	4	r	*	0.51	48	41							
	Karlstad ... ..	29.90	38	NE	2	0	29.83	0.0	39	+8	ENE	6	bc	*	-	46	31							
	Færder (X'iania Fjord) ... ..	29.82	46	ENE	6	c	29.77	+0.2	39	-3	NE	7	r	3	-	46	39							
	Bodö ... ..	30.06	30	E	2	b	30.12	?	37	+6	E	3	b	1	-	37	25							
	Christiansund ... ..	29.94	39	NE	3	b	29.98	+0.3	36	-1	E	2	b	2	-	43	36							
GERMANY, &c.	Skudesnaes ... ..	29.73	48	NE	4	b	29.78	+0.1	43	+2	ENE	6	b	2	-	52	41							
	The Scaw (Skagen) ... ..	29.67	46	E	9	r	29.62	+0.1	41	-7	ENE	9	r	3	1.06	55	41							
	Blaavands Huk ... ..	29.44	50	-	0	r	29.35	+0.1	48	+1	N	1	o	0	1.26	54	46							
	Cuxhaven ... ..	29.47	53	W	3	rf	29.43	-0.2	52	0	SW	3	o	0	0.71	61	50							
	The Heider ... ..	29.46	54	SSW	3	r	29.52	+0.6	56	+2	W	6	c	5	0.59	57	52							
	Brussels ... ..	29.57	52	SSW	5	b	29.75	+0.8	53	0	SW	4	o	*	0.28	60	51							
	Berlin ... ..	29.57	52	S	1	0	29.63	0.0	53	+2	SW	3	bc	*	0.12	63	50							
	Frankfurt ... ..	29.70	54	SW	3	0	29.80	+0.4	53	-4	SW	4	c	*	0.16	63	52							
	Munich ... ..	29.66	61	W	5	0	29.96	+0.1	49	-7	SW	5	bc	*	0.32	72	46							
	FRANCE.	C. Gris Nez ... ..	29.45	59	WSW	7	flr	29.78	+0.8	55	-1	WNW	5	o	5	0.04	61	54						
La Hève ... ..		29.59	55	SW	7	0	29.84	*	56	+1	W	7	o	6	0.20	59	50							
Brest (St. Mathieu) ... ..		29.75	59	W	5	0	29.94	+0.4	58	+2	SSW	2	bc	3	0.04	63	57							
Lorient (Beo Melon) ... ..		?	59	W	5	0	?	*	57	0	ESE	2	c	2	-	63	54							
Rochefort (Ile d' Aix) ... ..		29.83	60	W	6	0	29.98	+0.4	60	0	WSW	3	bc	*	-	63	59							
Biarritz ... ..		29.91	61	W	3	b	29.98	+0.1	52	-6	ESE	3	b	3	-	63	50							
Paris ... ..		29.88	56	SSW	3	c	29.91	+0.6	51	-2	SW	2	b	*	0.04	62	49							
Belfort ... ..		29.84	48	WSW	4	0	30.00	*	49		WSW	6	o	*	0.29	56	45							
Lyons ... ..		29.94	51	S	1	0	30.05	*	46	-17	SE	1												

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

GALES.  
Duration and Extreme Force  
on British Coasts.

Dungeness  
Gale 8 a.m.-5 p.m. SSW. 8.



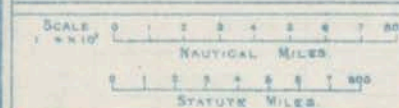
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday  
10th October 1913.

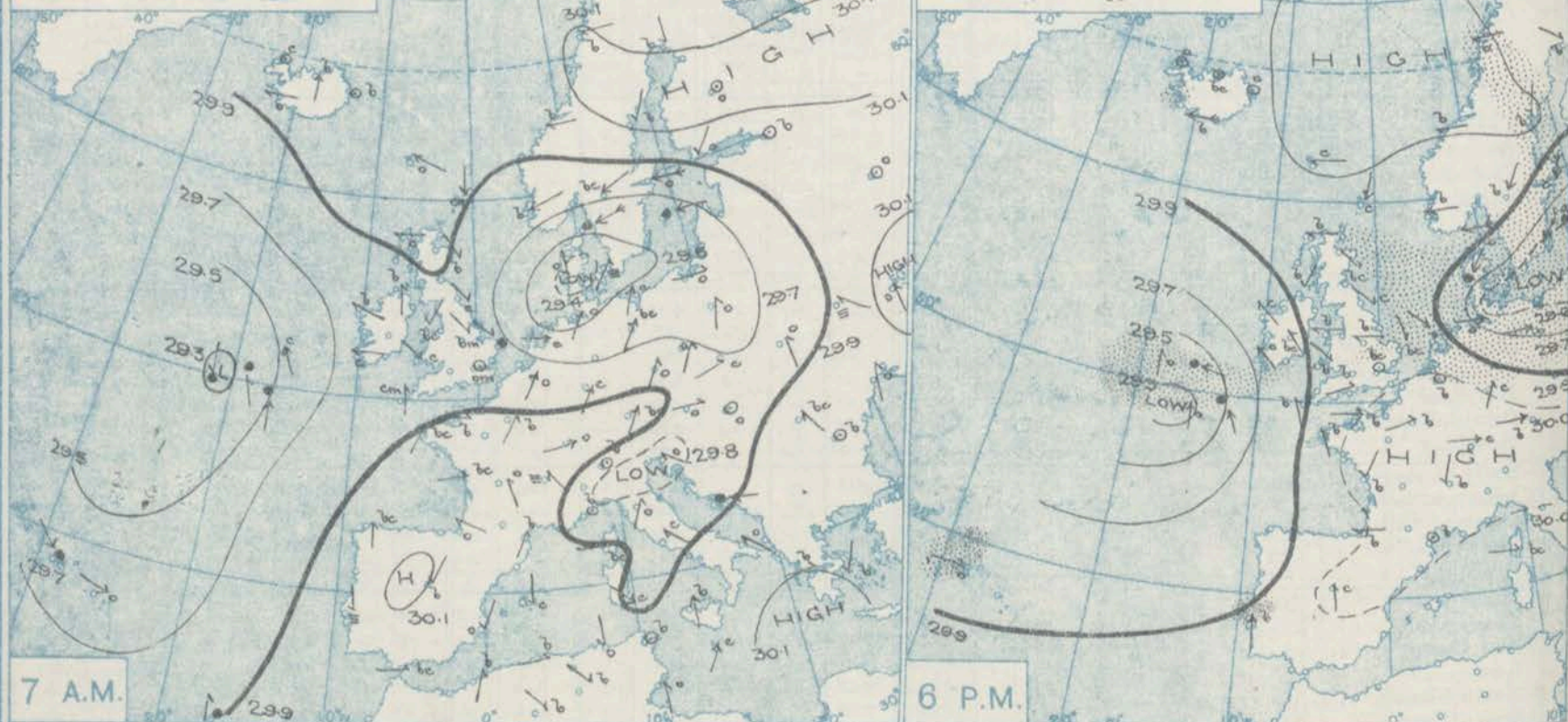
STATIONS	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.							
	At 32° Fahr. and M.S.L. Lat. 46°	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 32° 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.					
Vardö	29.78	33	NW	4	9	29.66	-0.12	31	0	-	0	S	9	?	34	27	-	-	-	-	-			
Lerwick	30.07	46	NNE	5	c	30.19	+0.12	46	0	ENE	3	c	1	-	48	44	bc	bc	c	-	Hours			
Stornoway	30.06	46	E	3	b	30.08	-0.00	45	-1	SE	4	b	4	-	53	43	c	bc	b	5.0				
Castlebay (Barra Isd.)	30.00	50	ESE	3	b	29.99	-0.01	48	+1	E	4	b	5	-	52	46	b	b	b	9.6				
Glasgow	30.03	45	E	1	c	30.09	-0.00	38	-4	NE	3	bg	*	-	53	35	bc	bc	bc	7.1				
Malin Head	29.94	52	NE	2	b	29.90	-0.04	49	+4	ENE	6	ogmy	4	-	55	45	bc	bc	ogq	*				
Blacksod Point	30.08	57	SE	3	cv	29.73	-0.35	54	+7	SSE	4	bc	3	Trace	58	46	bc	bc	bc	*				
Valencia	29.76	59	SE	4	og	29.56	-0.20	59	+4	ENE	6	cg	4	-	63	51	bc	bc	bc	*				
Roche's Point	29.87	56	SE	3	bc	29.73	-0.14	57	+4	SSE	7	c	6	0.02	59	43	bc	bc	bc	1.7				
Birr Castle	29.88	55	SE	2	bc	29.79	-0.09	54	+12	SE	2	c	*	-	61	42	bc	bc	bc	5.8				
Donaghadee	29.97	54	SSE	3	bc	29.97	-0.02	52	+2	SE	4	cm	4	-	56	45	bc	bc	bc	*				
Liverpool Obsy.	29.99	53	ESE	2	b	30.03	-0.01	47	0	ESE	3	bc	3	-	58	47	bc	bc	bc	7.3				
Holyhead	29.94	55	E	2	bc	29.94	-0.01	49	-4	SE	2	bc	2	-	60	43	bc	bc	bc	6.8				
Pembroke (St. Ann's Hd.)	29.96	53	WNW	1	b	29.87	-0.09	54	+1	ESE	6	bc	5	-	61	51	b	b	b	8.5				
Newquay	29.92	56	SE	2	bc	29.81	-0.11	56	+5	SE	5	0	3	-	62	52	bc	bc	bc	5.8				
Scilly (St. Mary's)	29.89	56	SSE	3	b	29.73	-0.16	55	0	SE	6	cm	4	-	62	51	bc	bc	bc	0.5				
Jersey (St. Aubin)	30.00	60	W	2	b	29.95	-0.05	57	+2	ESE	4	bc	4	-	61	49	bc	bc	bc	10.0				
Portland Bill	29.99	58	WSW	3	b	29.96	-0.03	58	+2	ESE	5	bc	4	-	61	51	bc	bc	bc	*				
Dungeness	29.98	57	N	1	c	30.05	+0.07	56	+3	E	4	c	3	-	60	51	bc	bc	bc	*				
Dover	29.99	51	NNW	1	bc	30.07	+0.08	47	-6	NNE	1	bc	3	Trace	62	44	bc	bc	bc	4.9				
Wick	30.06	49	NNE	3	c	30.16	+0.10	48	+1	ENE	1	c	2	Trace	50	45	cpq	c.cq	cm	*				
Nairn	30.06	46	-	0	bc	30.13	+0.07	35	-9	-	0	bc	1	0.02	51	34	bc	b	bc	5.0				
Aberdeen	30.04	46	NW	2	bc	30.16	+0.12	43	0	-	0	bc	3	0.01	53	42	bc	bc	bc	5.8				
Leith	29.98	48	SE	1	c	30.10	+0.12	39	-9	SE	1	b	*	0	56	38	bc	bc	bc	*				
North Shields	30.02	50	NW	3	c	30.12	+0.10	37	-13	SW	2	bc	5	-	55	37	c	c	bc	5.4				
Spurn Head	30.00	52	N	4	bc	30.10	+0.10	32	+2	E	3	cr	4	0.04	59	43	c	bc	bc	3.6				
Yarmouth	29.98	52	NNW	1	bc	30.10	+0.12	46	-5	N	1	bc	1	-	57	43	bc	bc	bc	6.3				
Clacton-on-Sea	29.98	53	NNW	1	bc	30.08	+0.10	46	-6	NNE	2	b	2	-	59	44	bc	bc	bc	8.0				
Nottingham	30.01	48	E	1	b	30.09	+0.08	45	-3	E	3	c	*	0	56	45	bc	bc	bc	5.9				
Bath	29.99	54	E	2	c	30.01	+0.02	50	-3	E	5	0	*	0.09	61	45	bc	bc	bc	1.2				
London (Kew Obsy.)	30.01	53	-	0	bc	30.03	+0.02	48	-4	E	2	cm	*	0	59	48	bc	bc	bc	4.5				
Spitzbergen	29.78	16	N	2	b	29.85	+0.07	16	-3	SE	2	b	*	-	18	12								
Isafjord	30.00	49	-	0	c	30.00	+0.00	39	+1	-	0	c	*	-	18	12								
Reykjavik	30.00	48	ESE	5	c	29.95	-0.05	46	0	SE	3	m	*	-	18	12								
Vestmanna	30.00	45	E	8	b	29.94	-0.06	45	+1	E	9	0	3	-	18	12								
Seydisfjord	30.06	46	-	0	b	30.08	+0.02	42	+7	-	0	b	*	-	18	12								
Thorshavn	30.17	44	E	3	c	30.22	+0.05	43	0	SE	4	0	*	-	18	12								
Haparanda	30.03	26	NW	2	b	29.91	-0.12	25	+4	W	2	c	*	-	36	16								
Hernösand	30.12	32	NNE	2	b	30.14	+0.02	28	-2	-	0	b	*	Trace	37	23								
Stockholm	29.87	37	NNE	3	c	30.02	+0.15	36	-5	N	4	c	*	0.04	43	34								
Wisby	29.65	37	ESE	8	c	29.91	+0.26	37	-5	NNE	8	c	*	1.38	43	34								
Karlstad	30.00	36	ESE	4	b	30.19	+0.19	30	-9	NNW	4	b	*	-	41	27								
Færder (X'lantia Fjord)	29.99	42	NNE	7	b	30.27	+0.28	39	0	NNE	4	b	2	-	43	32								
Bodö	30.12	36	E	2	0	30.19	-0.02	41	+4	WSW	4	c	2	0.12	43	32								
Christiansund	30.12	38	E	1	b	30.25	+0.13	32	-4	NE	1	b	2	-	41	32								
Skudesnaes	30.01	45	E	4	b	30.28	+0.27	42	-1	-	0	b	2	-	45	31								
The Scaw (Skagen)	29.91	44	E	10	0	30.19	+0.28	41	0	NE	6	bc	2	-	45	31								
Blaavands Huk	29.78	42	NE	7	c	30.21	+0.43	34	-14	NNE	2	b	2	0.08	52	32								
Cuxhaven	29.58	51	W	6	0	30.06	+0.48	45	-7	NNE	6	0	4	0.04	57	43								
The Helder	29.93	54	NW	6	c	30.13	+0.15	51	-5	NE	4	bc	3	0.12	55	50								
Brussels	30.02	46	-	0	b	30.10	+0.08	45	-8	SSE	2	b	*	0.04	60	41								
Berlin	29.64	54	W	5	0	29.91	+0.27	46	-7	N	2	0	*	0.08	61	46								
Frankfurt	29.94	54	SW	4	c	30.08	+0.14	46	-7	SW	1	b	*	0.12	57	45								
Munich	30.01	52	W	4	b	30.09	+0.08	49	0	W	3	b	*	-	59	45								
C. Gris Nez	30.00	56	NNW	2	0	30.07	+0.07	47	-8	ESE	3	bc	2	-	61	46								
La Hève	30.02	55	NW	3	c	29.97	-0.05	55	-1	E	5	m	3	0.20	61	50								
Brest (St. Mathieu)	29.97	60	SSE	3	b	29.82	-0.15	56	-2	ESE	5	c	3	-	66	55								
Lorient (Bec Molen)	29.93	59	S	3	c	29.78	-0.15	55	-2	SE	5	0	2	-	66	52								
Rochefort (Ile d' Aix)	30.02	59	NE	1	b	29.90	+0.12	52	-8	SSE	4	c	3	-	66	52								
Biarritz	29.97	63	E	3	b	29.86	-0.11	59	+7	SE	3	b	0	-										



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



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 depression which is causing rather steep gradients over our western districts is likely to spread eastward and give rise to a decided increase in the strength of the South-Easterly wind, and unsettled

weather conditions over practically the whole country. The Scandinavian anticyclone will maintain its influence in the extreme north.

### FORECASTS FOR THE 24 HOURS NOON

Friday

### TO NOON Saturday.

0 {  
a Moderate to fresh winds between  
b North-East and South-East; fair generally;  
rather cold.

1 {  
a Freshening South-Easterly winds;  
b fair at first, then less settled; rather  
cold.

2 {  
a Moderate South-Easterly winds,  
b freshening later; fair at first, some  
rain to-night or to-morrow;  
3 moderate temperature.

4 {  
a South-Easterly winds, becoming  
b fresh or strong; fair at first, some rain  
to-night or to-morrow; moderate  
5 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 hoisted at 7.28 pm yesterday in District 10; at 8.53 this morning in Districts 5, 6, 7, 8, 9 & 11.

6 {  
a Wind becoming strong from  
b between East and South; becoming  
unsettled; rather cool.

7 {  
a Fresh or strong winds  
b between East and South or South-  
West, a gale at times; unsettled,

8 {  
a Some rain; moderate  
b temperature.

9 {  
a  
b

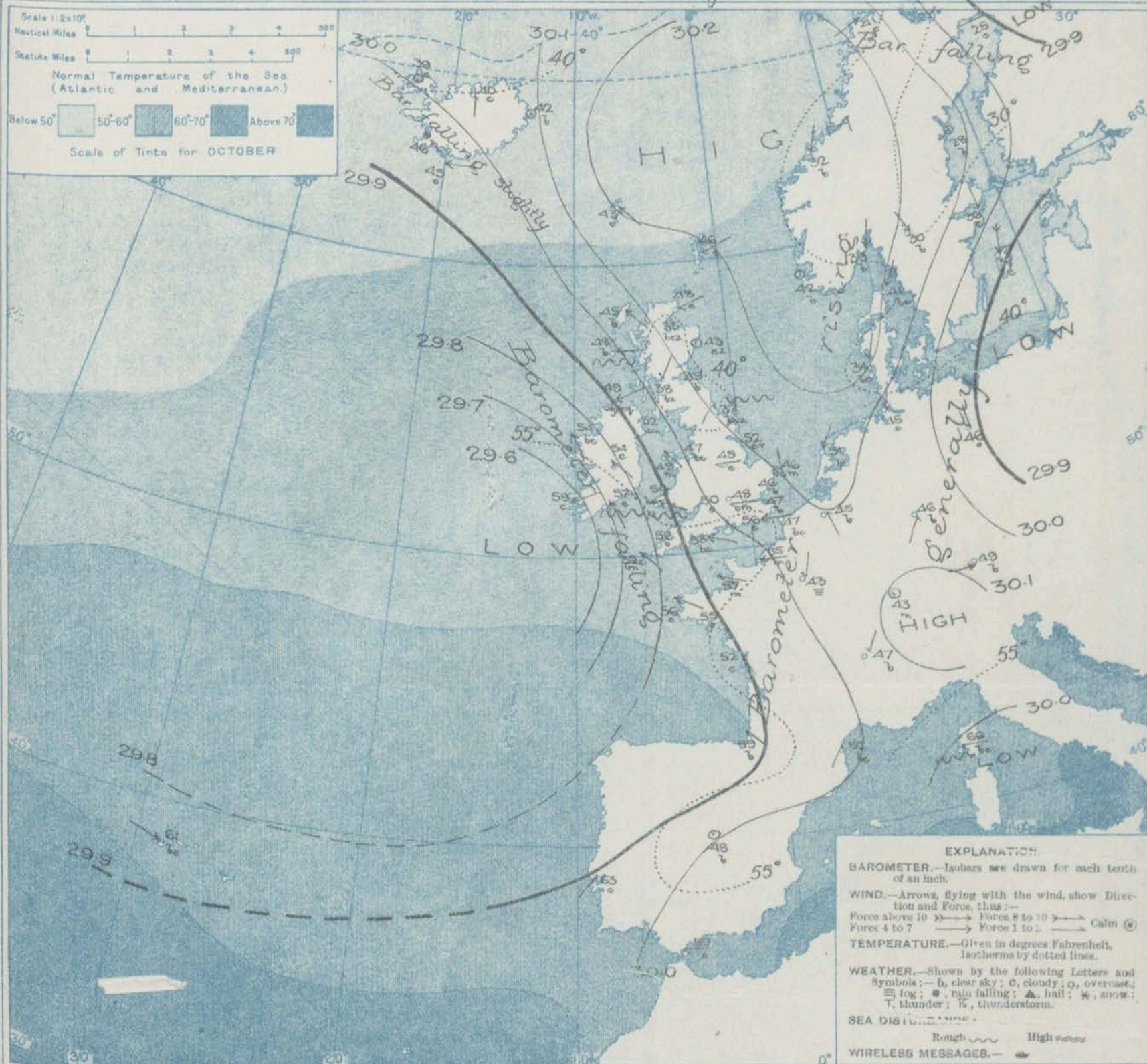
### 11 WESTERN CHANNEL AND BAY.

Fresh or strong South-Easterly or Southerly winds; sea rather rough; unsettled.

### THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Friday, 10<sup>th</sup> OCTOBER 1913.



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

An anticyclone covers the region between Goeree and Norway and extends its influence over the northern part of the North Sea. The depression shown yesterday over Denmark has passed away to the eastward. A depression which has proved to be of considerable intensity, which was centred yesterday in 20° W. has spread eastward and is now causing a rather steep gradient for South Easterly winds over the western part of the British Isles.

The wind has become strong between South East and East over the mouth of the channel and on the south coast of ~~France~~, further east it is moderate or

light in force; the prevailing direction is Easterly or South Easterly, variable along the east coast. Strong Northerly winds are reported from Eastern Scandinavia. The morning temperature readings over the British Isles range from 52° at Valencia to 35° at Naum. The highest Continental reading is 63° at Liabon. Frost prevails at many of the Swedish stations. The weather is fair or fine over the British Isles as a whole, the western depression has not as yet given rise to appreciable rainfall. Fine weather also prevails at most Continental stations; fog is reported from Riga. The sea is rough on the south coast of Ireland.



## DAILY WEATHER REPORT.

Friday, 10th October, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
9th 6 p.m.	51	15	Baltic	H	29.40	+0.3	ESE	6-7	r	9th 7 a.m.	51	18	?	O	29.42	-0.6	S	1-3	O
"	49	15	Olympic	H	29.30	+0.7	S	6-7	O	"	49	17	Philadelphia	H	29.34	+1.0	S	4-5	r
"	49	12	Philadelphia	H	29.25	+0.8	SE	6-7	r	"	51	16	Arabic	O	29.42	-0.5	SSE	6-7	c
" 7 a.m.	49	21	Olympic	H	29.29	-0.1	H	1-3	r										
"	50	19	Baltic	H	29.36	+0.7	SSE	1-3	r										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban ...	...	56	34	b	b	6.6	England, S.E.	Margate ...	0.02	60	53	b	b	7.1
	Stonehaven ...	...	...	...	...	...	...		Ramsgate ...	0.06	57	51	"	"	7.0
	Carnoustie ...	...	...	...	...	...	...		Folkestone ...	0.53	60	50	r. bc. o	bc. o	5.2
	St. Andrews ...	...	59	37	bc	bc	4.6		Hythe ...	...	...	...	...	...	...
England, N.E.	Harrogate ...	...	54	42	b	b. bc. o	7.5	England, S.W.	Littlestone ...	...	...	...	...	...	4.6
	Scarborough ...	...	57	49	o. cr	c. b	5.5		Hastings ...	0.03	59	49	op. o	bc. o	1.3
England, N.W.	Douglas ...	...	...	...	...	...	...		Bexhill-on-Sea ...	0.01	59	51	op. c	c. o	1.5
	Blackpool ...	...	61	41	c	c	6.7		Eastbourne ...	0.05	60	57	bc. o	o. bc. o	1.4
	Southport ...	...	56	44	bc. o. bc	c. bc. b	2.5		Seaford ...	0.01	59	52	o	c	2.6
Mid-lands.	Buxton ...	0.02	54	42	bc	bc	2.9		Brighton ...	0.04	60	51	o. c	c. om	1.1
	Leamington Spa ...	0.01	59	49	bc	c	5.2		Worthing ...	...	60	49	c	bc. c	1.7
	Malvern ...	...	...	...	...	...	3.3		Littlehampton ...	...	...	...	...	...	2.3
Wales.	Rhyl ...	0.30	59	47	b	b	7.6		Southsea ...	...	59	51	c	c. b. o	3.0
	Colwyn Bay ...	0.13	58	50	b	b. bc	8.5		Ryde ...	...	59	55	bc	c. bc	3.3
	Llandudno ...	0.02	58	47	c. b	b	5.3		Ventnor ...	...	65	51	-	-	2.7
	Bettws-y-Coed ...	...	61	50	*	*	5.2		Bournemouth ...	...	66	48	c. o	o. c. bc	8.0
England, E.	Aberystwyth ...	...	58	50	o. c	c. b	5.7		Weymouth ...	...	65	53	bc. b	b	9.0
	Tenby ...	...	61	47	b	b	9.0		Exmouth ...	...	63	51	b	b	8.7
	Lowestoft ...	0.01	59	50	b. bc. op	o. c	7.3		Teignmouth ...	...	65	51	b	b. bc	8.5
	Felixstowe ...	...	60	51	bc. m	bc. m	8.3		Torquay ...	...	66	51	b	bc	8.9
England, W.	Walton-on-Naze ...	...	58	50	bc	bc	7.7		Paignton ...	...	...	50	b	b	6.7
	Southend-on-Sea ...	0.03	61	54	g. bc. b	b. bc. c	7.3		Falmouth ...	...	61	47	bc	c. b	8.6
									Bude ...	...	63	56	b	b	5.9
									Ilfracombe ...	...	60	52	o. c. bc	bc. b	3.5
									Weston-super-Mare ...	...	61	50	d. bc	bc. b	...

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	Rain-fall.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.	
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.			
			Max.	Min.														Max.		Min.
24 HOURS ENDED 9 A.M. TO-DAY.																				
Greenwich (Royal Obs.) ...	%	%	F.°	F.°	F.°	In.				Hr.		In.	F.°	F.°	F.°				Hr.	
City (Bunhill Row) ...	63	76	61	42	30	-	bc	bc	bc.m	4.4	Dublin to 4 p.m.	0.03	56	43	44	oc	c.b	b		
Westminster (St. James's Pl.)	*	*	*	*	*	*	*	*	*	3.8	Plymouth to 9 p.m.	-	63	43	37	sw	b	c.b	7.7	
Camden Sq. (Brit. Rainfall)	62	74	62	43	42	-	bc	bc	bc	4.1	Darwen	0.01	54	42	36	ou	om, bc	bc.o	2.8	
Hampstead (Reservoir) ...	65	73	63	43	41	-	b. bc	bc.o	bc.b	4.6	Manchester				*					
Kew. (See front page.)	*	69	60	45	31	-	bc	bm	bm	5.9	Birmingham	-	55	43	40	*	a.c	o	1.0	
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.																				
			Total.		Mean Rate.		Max. Rate.													
			677 Joules.		17.0 Milli-watts.		50.0 Milli-watts.													
S. Kensington (Roof of M.O.)	59	70							3.7			S. Kensington (Museum Grounds to 6 p.m.)	Trace	61	53	40	c. bc	bc. o. c	c. bc. b	*

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

## NOTES ON YESTERDAY'S WEATHER.

10th & 11th Oct. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6-11 6-13	G.M.T. 11-40 11-40	G.M.T. 5-9 5-6
Greenwich ...	6-17 6-19	11-47 11-47	5-17 5-15
Wick ...	6-39 6-41	11-59 11-59	5-19 5-17
Valencia ...	6-58 7-0	12-28 12-28	5-58 5-55

Fine weather prevailed over practically the whole country. Rainfall was confined to a few local showers. Large amounts of bright sunshine were experienced in the south-west of England, 10 hours being reported from Jersey. Temperature rose to 66° at Torquay and Bournemouth and the maxima were above 60° over a considerable area. In the north-east of Scotland the readings remained considerably lower, with maximum 50°. Rain 51°.

NOTE.—The information relating to weather is indicated by the following letters:—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; 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  
11th October 1913.

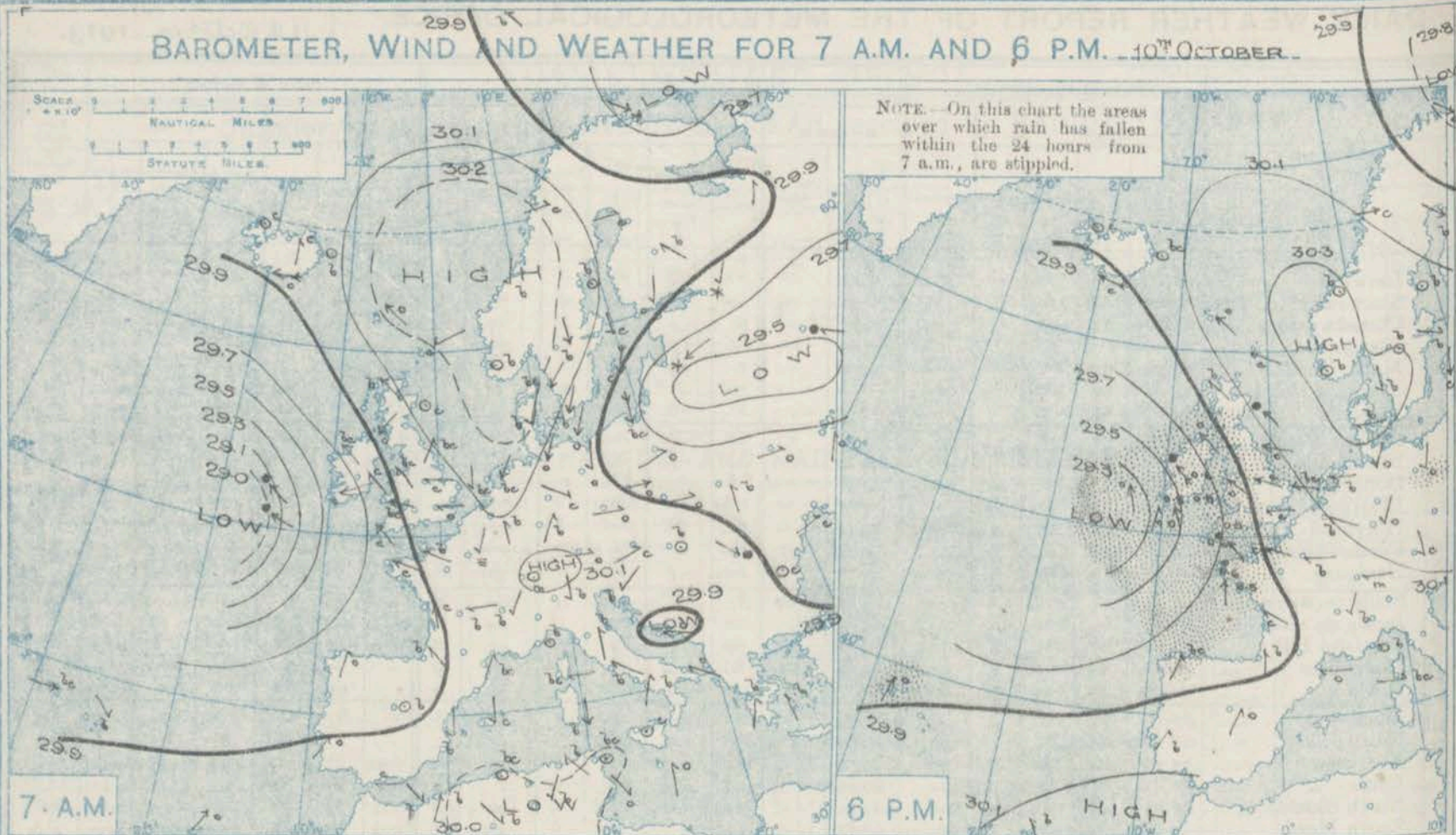
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.		Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	
	At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Dir.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.		Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Max.	Min.										
	At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Dir.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.		Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Max.	Min.										
Vardø	29.75	32	NW	5	o	29.85	+0.10	33	+2	NNW	4	o	3	?	34	25	*	*	*	*	*	*	
Lerwick	In. 30.21	49	ESE	2	c	In. 30.21	00	49	+3	SE	5	cvg	4	-	50	40	bc	ev	b. bc	8.3			
Stornoway	30.00	50	SE	3	b	29.94	-0.06	49	+4	SE	5	og	5	-	54	44	bz	by	b. og	8.5			
Castlebay (Barra Isd.)	29.90	53	ESE	6	bc	29.81	00	52	+4	E	5	op	6	0.05	54	48	bz	by	b. bc	8.5			
Glasgow	30.03	46	E	3	bz	29.94	-0.09	46	+8	ENE	3	og	*	0.02	54	37	b. bc	b.	b. bc	8.0			
Malin Head	29.78	52	SE	7	om	29.71	00	51	+2	SE	6	om	5	0.06	56	49	og	om	om	*			
Blackad Point	29.53	56	SE	8	otg	?	+0.03	53	-1	SSW	3	or	3	0.09	58	51	b. bc	ev	op	*			
Valencia	29.43	58	SSE	5	cl	29.05	+0.09	51	-8	S	2	b	4	0.83	59	51	om	om	or	0.1			
Roche's Point	29.56	56	SSE	8	+	29.71	*	53	-4	SW	1	bc	5	0.75	58	53	om	om	cl	*			
Birr Castle	29.64	54	SE	5	r	29.66	*	50	-4	S	3	c	4	0.64	60	49	c	c	or	0.1			
Donaghadee	29.87	55	SE	5	om	29.77	-0.10	53	+1	SSE	5	c	4	0.11	56	51	bc	c	om	*			
Liverpool Obsy.	29.96	52	E	4	o	29.86	-0.10	48	+1	ESE	5	odg	4	0.08	55	46	om	o	op	4.3			
Holyhead	29.85	55	SE	4	om	29.75	+0.10	52	+3	SSE	3	cvg	3	0.09	58	48	b. bc	om	bc	3.4			
Pembroke (St. Ann's Hd.)	29.73	56	ESE	8	c	29.73	+0.01	55	+1	S	7	ogpm	5	0.18	59	54	bc	og	og	0.3			
Newquay	29.70	57	ESE	6	om	29.76	+0.06	51	-5	SE	1	ogrm	3	0.85	60	51	c. bc	o. p	op	1.6			
Scilly (St. Mary's)	29.65	56	SSE	5	cvg	29.72	+0.07	55	0	WSW	4	cp	5	0.56	57	51	cvg	cvg	bc	0.4			
Jersey (St. Aubin)	29.84	61	ESE	5	og	29.86	*	55	-2	SSE	4	og	4	0.22	63	53	bc	c. og	c. og	5.3			
Portland Bill	29.83	57	ESE	7	o	29.78	-0.05	58	0	S	5	or	5	Trace	60	55	bc	c. e	o. r	*			
Dungeness	30.02	56	ESE	5	c	29.91	-0.11	54	-2	SE	5	c	6	-	60	51	c. bc	bc	bc	*			
Dover	30.02	55	ESE	5	bc	29.95	*	49	+2	ESE	4	bc	4	-	58	46	b. bc	bc	bc	7.1			
Wick	30.12	51	SE	3	bc	30.07	-0.05	49	+1	SE	6	og	5	-	57	41	bc	og	bc	*			
Nairn	30.08	46	E	1	bc	30.00	*	46	+11	ENE	3	o	2	-	55	34	b	br	c	6.2			
Aberdeen	30.08	50	SE	5	r	30.08	-0.01	50	+7	SE	6	og	4	0.02	55	43	bc	c. p	op	5.1			
Leith	30.06	50	SE	4	bc	29.96	-0.10	49	+10	ESE	4	c	*	-	56	38	bc	bc	c	*			
North Shields	30.04	50	ESE	5	o	30.01	-0.03	50	+13	ESE	4	op	5	0.17	55	37	c	or	or	3.5			
Spurn Head	30.03	53	ESE	6	c	29.95	-0.08	53	+1	SE	6	og	5	0.13	58	42	og	og	og	5.3			
Yarmouth	30.09	49	E	4	bc	30.02	-0.07	52	+6	E	5	bc	5	0.02	57	46	bc	bc	bc	5.2			
Clacton-on-Sea	30.05	55	E	4	bc	29.97	-0.08	53	+7	ESE	5	c	4	-	58	46	b. bc	c. bc	bc	5.0			
Nottingham	30.04	51	ESE	4	c	29.95	*	47	+2	ESE	4	o	*	-	57	44	c. b	bc	c. o	6.7			
Bath	29.93	54	E	5	o	29.83	*	53	+3	E	3	o	*	0.14	61	51	od	o	or	2.2			
London (Kew Obsy.)	30.02	53	E	3	c	29.91	-0.11	48	0	E	2	om	*	-	60	46	om	c. bc	c. bc	3.6			
Spitzbergen	29.97	18	E	3	o	30.00	+0.03	19	+3	-	0	bc	*	-	19	9							
Isafjord	29.95	46	-	0	c	29.97	+0.02	38	-1	-	0	b	*	-	*	*							
Reykjavik	29.88	48	ESE	4	o	29.88	-0.01	44	-2	E	6	b	*	-	*	*							
Vestmanna	29.84	46	ESE	9	c	29.86	-0.02	45	0	E	9	b	3	-	*	*							
Seydisfjord	30.04	46	-	0	bc	30.05	+0.01	39	-3	-	0	c	*	-	*	*							
Thorshavn	30.17	46	SE	4	o	30.09	-0.08	48	+5	SSE	5	c	*	-	*	*							
Haparanda	29.95	27	NW	4	b	30.00	?	26	+1	N	2	b	*	-	28	16							
Hernösand	30.14	37	-	0	b	30.13	-0.01	40	+12	NW	2	bc	*	-	43	27							
Stockholm	30.21	34	WNW	2	b	30.24	+0.03	33	-3	WNW	2	o	*	-	41	28							
Wisby	30.22	42	NNE	6	c	30.27	+0.05	42	+5	NNE	6	b	*	0.04	43	34							
Karlstad	30.30	29	-	0	b	30.35	+0.05	26	-4	-	0	b	*	-	41	23							
Færder (X'ania Fjord)	30.30	42	SW	1	b	30.35	+0.05	39	0	ENE	2	b	1	-	41	39							
Bodö	30.00	42	W	5	c	30.10	+0.10	40	-1	W	2	c	3	-	43	39							
Christiansund	30.32	28	-	0	b	30.30	-0.02	41	+9	-	0	o	2	-	41	32							
Skudesnaes	30.32	41	-	0	b	30.33	00	43	+1	S	4	b	2	-	48	39							
The Scaw (Skagen)	30.31	41	N	1	b	30.36	+0.05	38	-3	W	1	b	0	-	43	32							
Blaavands Huk	30.33	33	E	1	b	30.35	+0.02	31	-3	ESE	1	bc	1	-	45	27							
Cuxhaven	30.26	43	NE	3	o	30.28	+0.02	41	-4	SE	4	bc	2	-	46	41							
The Helder	30.19	47	E	5	b	30.16	-0.03	46	-5	ESE	5	o	2	Trace	52	45							
Brussels	30.12	43	ESE	3	b	30.08	-0.04	41	-4	ESE	2	o	*	-	59	39							
Berlin	30.19	46	N	1	o	30.26	+0.07	38	-8	SE	1	b	*	0.08	52	37							
Frankfurt	30.13	48	NE	1	o	30.20	+0.07	40	-6	NE	1	c	*	-	54	39							
Munich	30.12	48	N	2	c	30.23	+0.11	37	-12	NE	3	b	*	-	55	34							
C. Gris Nez	30.04	49	E	3	bc	29.94	-0.10	47	0	SE	5	c	2	-	61	45							
La Hève	29.95	54	E	5	m	29.86	*	51	-4	ESE	3	r	3	0.16	57	43							
Brest (																							

\* Information for these columns not usually received.

† Received too



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



GENERAL INFERENCE

## WEATHER PROSPECTS.

The depression now affecting our eastern coasts will gradually decrease in intensity. The barometer is now rising briskly in the

southwest, but it is probable that a fresh fall will set in before twenty-four hours expire and cause a renewal of unsettled conditions.

## FORECASTS FOR THE 24 HOURS NOON Saturday TO NOON Sunday

- 0 {  
a } Strong S.E. winds, a gale locally moderating later; unsettled, some rain; rather cold.  
1 }

- 2 {  
a }  
b }  
3 } Fresh or strong S.E. winds, shifting later towards S. or S.W. and moderating; unsettled, occasional rain, fair intervals; rather cool.  
4 {  
a }  
b }  
5 }

### FORECAST DISTRICTS.



### STORM WARNINGS

The signals 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 5.53 am. yellow in Dist. 5, 7, 8, 9, 11  
at 2.47 pm. Dist. 10, 11, 12, 13, 14, 15  
Cone lowered this morning at 3 pm.  
in Districts 8, 10 & 11.

- 6 {  
a } Same as Nos. 2 to 5.  
b }

- 7 {  
a } Moderate or light S.W. and S.E. winds, backing and freshening later; unsettled, some rain, fair intervals; moderate temperature.  
b }

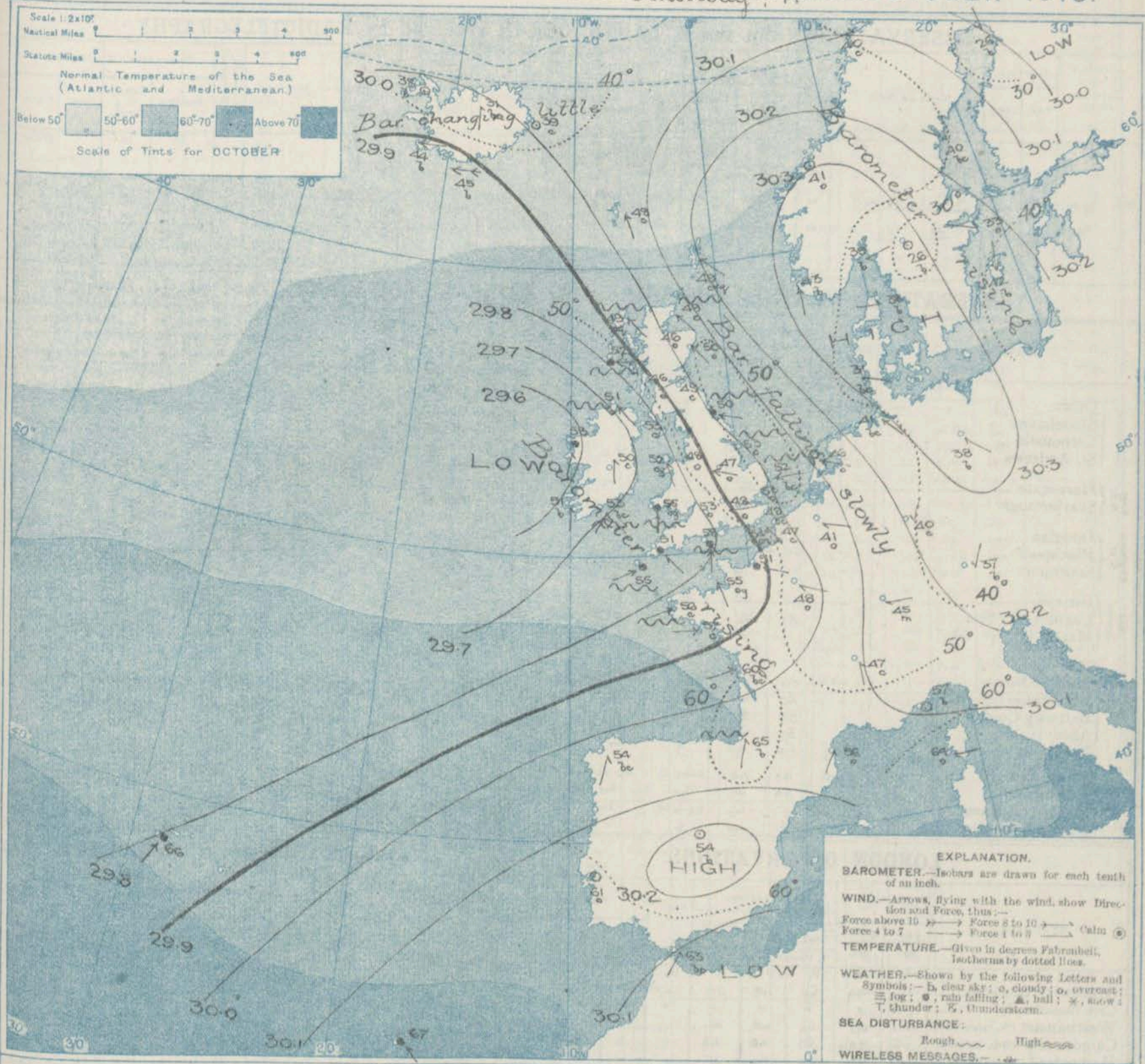
- 8 {  
a }  
b }  
9 {  
a } Moderate or light S.W. winds, backing and freshening later; fair at first, rain later; moderate temperature.  
b }

- 10 {  
a }  
b }  
11 WESTERN CHANNEL AND BASIN or strong S.W. to S.E. winds, and a rather rough sea; unsettled, some rain; moderate temperature.

THE FURTHER OUTLOOK.



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



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

An anticyclone with readings above 30.3 in. covers Denmark and Southern Norway. Over the North Sea the greater part of England and Scotland there is a steep gradient for South Easterly winds, further west pressure differences have become less marked.

Strong South Easterly winds prevail over Scotland and the eastern parts of England. Over Ireland and the south west of England the wind has shifted to South or South West, and decreased to a light or moderate breeze. The conditions are generally of an unsettled character, and rain is reported from many of our stations. Fine cloudless

weather prevails in the region of the Scandinavian anticyclone. The temperatures over the British Isles range from 46° at Nairn to 58° at Portland Bill. The highest continental values are 65° at Biarritz, 60° at Rochefort. The sea is rather rough on most of our coasts.



## DAILY WEATHER REPORT.

Saturday, 11th October, 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.	
10th 6 p.m.	52	13	Royal Edward	H	29.26	+0.2	SSE	4-5	0	10th 7 a.m.	51	16	Oceanic	0	28.97	-0.9	ESE	3-4	r
7 a.m.	52	17	do. do.	H	29.06	-0.2	SE	10-11	r										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.			Hr.	Margate	In.	F.	F.			Hr.
Oban	-	56	40	b	b	7.0	Ramsgate	-	59	44	b	b	7.0
Stonehaven	-						Folkestone	-	59	47	b	b	6.0
Carnoustie	-						Hythe	-	60	53	b. bc	b. bc	6.7
St. Andrews	-	56	33	b	b. c	7.4	Littlestone	-					7.4
England, N.E.							Hastings	0.32	59	49	bc. b	bc. c	5.7
Harrogate	-	55	36	c	b. bc	6.8	Bexhill-on-Sea	0.16	59	50	bc. b	bc. c	6.7
Scarborough	-	54	42	o	c	4.7	Eastbourne	-	59	46	bc. b	bc. b	4.6
England, N.W.							Seaford	-	60	48	bc	bc	4.5
Douglas	-						Brighton	-	60	50	c. bc	bc. c	3.8
Blackpool	-	56	46	m. c	c. o	3.3	Worthing	-	59	49	c	bc	3.5
Southport	-	56	44	c. bc. o	bc. o	2.9	Littlehampton	-					3.3
Mid-lands.							Southsea	-	59	49	c. bc. c	c. b. o	3.3
Buxton	-	52	40	bc	bc	4.3	Ryde	-	59	47	b	o	2.7
Leamington Spa	-	57	42	c	c	4.5	Ventnor	0.01	64	54	*	*	4.0
Malvern	-					0.3	Bournemouth	-	60	44	o. bc	bc. c	4.7
Wales.							Weymouth	-	61	47	bc	bc. o	4.4
Rhyl	-	56	46	b. bc	bc	5.0	Exmouth	-	62	46	bc. c	c. bc	1.5
Colwyn Bay	-	57	46	b	bc	5.0	Teignmouth	-	61	47	bc. c	bc. c	1.3
Llandudno	-	56	51	og	og	4.0	Torquay	-	61	49	c	o	1.7
Bettws-y-Coed	-	57	49	o. c	c. b. o	4.2	Paignton	-	61	44	c. bc	c	1.7
Aberystwyth	-	60	45	g	or	0.3	Falmouth	-	60	56	c. og	og	2.7
Tenby	0.07						Bude	-	63	47	bc. o	bc	1.8
England, E.							Ilfracombe	0.04	61	49	bc. c	o. c. or	1.8
Lowestoft	0.02	56	43	c. bc. o	op. r. o	4.3	Weston-super-Mare	-	60	46	b. bc	b. bc	2.5
Felixstowe	-	59	41	bc	bc	7.9							
Walton-on-Naze	-	57	42	bc. b. bc	bc	7.2							
Southend-on-Sea	-	61	45	b	b	7.5							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

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.) ...	64	89	60	45	39	-	c. bc	bc. c	bc	5.3	Dublin to 4 p.m.	-	57	43	44	bc. c	og. o	og. o	3.2		
City (Rushill Row) ...	*	*	*	*	*	-	*	*	*	4.2	Plymouth to 9 p.m.	0.09	61	48	41	bc. c	bc. c	og. o	3.7		
Westminster (St. James's Pl.)	64	92	59	48	44	-	bc	bc	bc. m	4.2	Darwen	-	53	44	39	on. c	bc	bc. o	2.2		
Camden Sq. (Brit. Rainfall)	66	89	62	46	43	-	b	bc. o	bc. o	4.5	Manchester	-	*	*	*	*	o. c	c. o	2.2		
Hampstead (Reservoir) ...	*	92	57	44	35	-	bc	o	o	5.4	Birmingham	-	55	45	38	*	o. c	c. o	2.2		
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										Oxford to 8 p.m.	-	58	43	36	c. o	o. c. bc	bc. c. o	3.6
			Total.		Mean Rate.		Max. Rate.				Richmond Park	*	*	*	*	*	*	*	*		
											S. Kensington										
											(Museum Grounds to 6 p.m.)	-	60	49	37	bc. c	c. o	c. bc	*		
S. Kensington (Roof of M.O.)	60	87	60	Joules.		16	Milliwatts.		45	Milliwatts.	3.0										

## NOTES ON YESTERDAY'S WEATHER.

During the past twenty-four hours South-Easterly gales were experienced at many of our western stations. The western districts also reported rather heavy rain. Newquay 0.85 in. Valencia 0.83 in. The amounts of bright sunshine were largest in the Hebrides where over 3 hours were recorded, over 7 hours were also measured at some stations in the south-east of England but over the greater part of the country the day was cloudy or overcast. Wireless reports indicate South-Easterly gales over the region extending to 17°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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
12th October 1913.

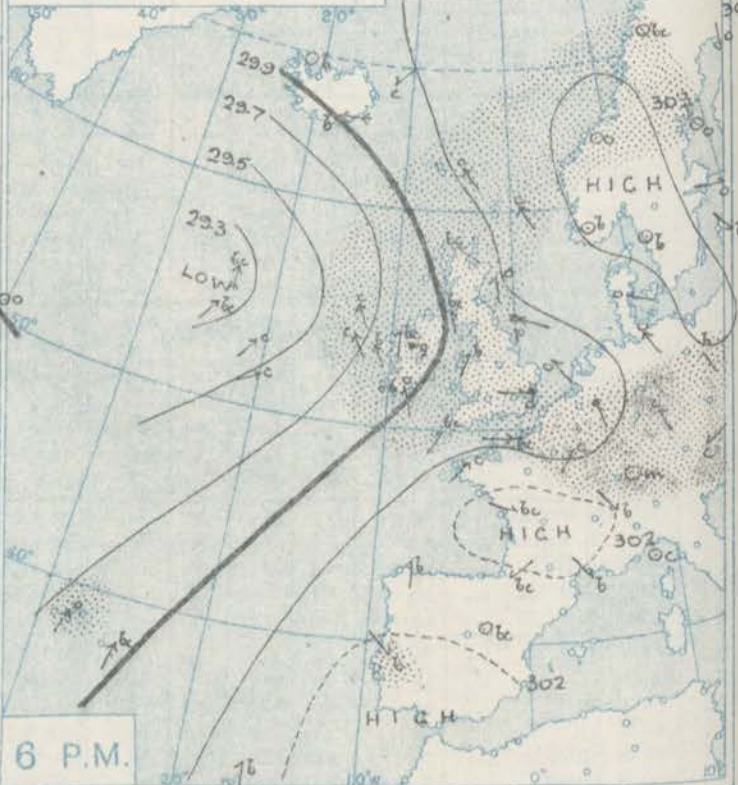
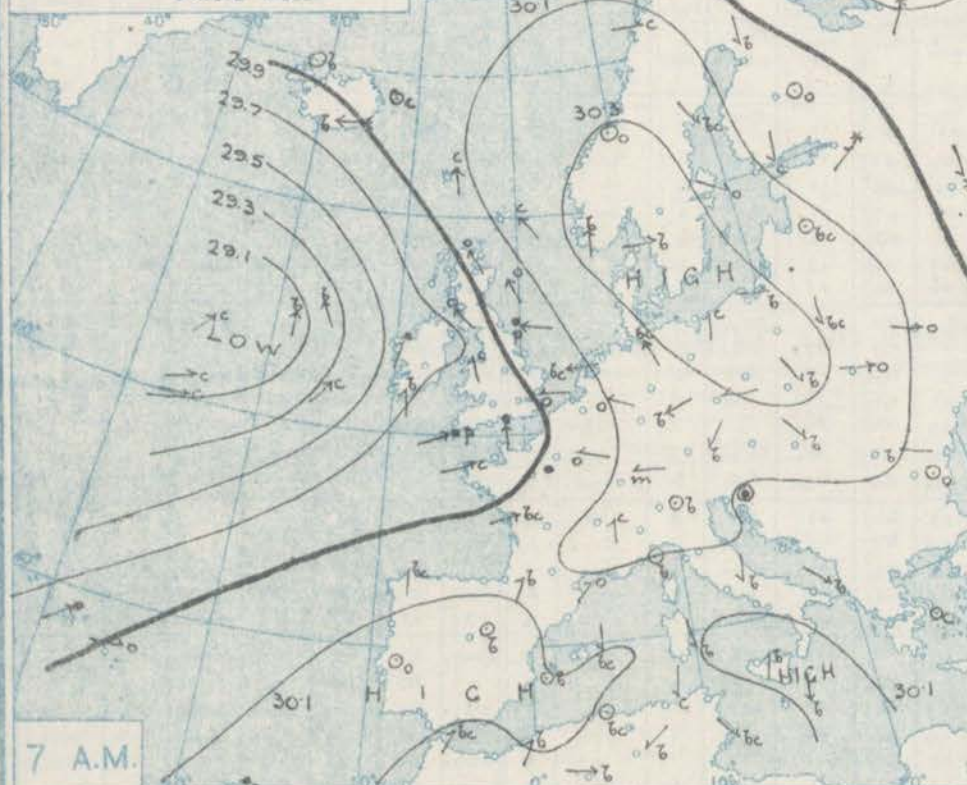
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M. G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.					
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dir.	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.		
Vardø	29.98	33	-	0	c	29.99	-0.01	30	-3	W	6	bc	4	?	34	28	*	*	*	*	*	Hours	
Lerwick ...	30.21	49	SE	5	cq	30.22	0.00	50	+1	SE	5	c	4	0.01	50	47	c	bc.	bc.	bc.	2.2		
Stornoway ...	29.98	51	ESE	3	bc	30.02	-0.02	52	+3	SE	4	bcq.	4	Trace	57	48	o.bc.cq.	bc.	bc.	0.0			
Castlebay (Barra Isd.)	29.92	52	ESE	5	opm	29.95	-0.01	53	+1	ESE	5	+	6	0.04	53	50	op	opm.	opm.	0.0			
Glasgow ...	30.01	48	ENE	2	og	30.13	+0.03	47	+1	ENE	1	cq.	*	0.02	49	46	od	o.	op.b.c.	0.0			
Malin Head...	29.88	53	SSE	3	bcn	29.88	-0.03	53	+2	S	6	omq.	3	0.04	55	49	omq.	cnp.	cnp.	*			
Blackod Point ...	29.81	57	S	3	bcv	29.85	+0.07	55	+2	SSW	4	bcv	3	0.06	59	51	or.bcp	bcv	omq.	*			
Valencia ...	29.82	58	SSE	3	omv	29.93	+0.06	59	+8	S	4	omv	4	0.01	62	51	bcv	bcv	or	6.8			
Roches Point ...	29.93	58	SSW	3	c	30.02	0.00	58	+5	SSW	5	+	6	0.09	61	52	bc	bc.cnp.	odm.	*			
Birr Castle ...	29.89	54	S	1	bc	29.97	0.00	57	+7	SE	4	o	*	0.00	62	49	bc	bc	c.o.	6.6			
Donaghadee ...	29.94	54	SSW	2	cnp	30.06	+0.01	56	+3	SSE	3	omv	2	0.15	56	51	omv	omv.	c.bcp.	*			
Liverpool Obsy...	29.99	51	ESE	1	o	30.18	+0.03	46	-2	SE	3	bc	2	0.02	52	44	og	odp	bcn	0.0			
Holyhead ...	29.94	54	SSW	2	b.	30.09	+0.03	56	+4	S	3	ogm	3	0.19	56	52	c.r.omv.	c.c.b.	b.bcp.	0.9			
Pembroke (St. Ann's Hd.)	30.00	57	ESE	3	b	30.12	+0.03	57	+2	SSW	5	cqg	5	0.45	59	52	cqmp	egap	b.	3.3			
Newquay ...	30.02	56	WSW	3	b	30.19	+0.02	54	+3	SE	2	bcv	3	0.06	60	50	op.c.bv	bcv	b.bw.	5.5			
Scilly (St. Mary's)	30.00	57	SW	3	bcn	30.13	+0.03	56	+1	S	3	bcn	4	0.04	61	53	c	bc	bc.	7.4			
Jersey (St. Aubin)	30.09	59	W	4	bc	30.29	0.00	57	+2	SW	2	c.	1	0.07	62	54	c.b.c	bc.	bcn	0.7			
Portland Bill ...	30.03	59	WNW	3	b.	30.24	+0.03	59	+1	SW	4	bc.	4	0.10	60	56	cp	c.b.c	bc.	*			
Dungeness ...	29.93	52	W	2	c	30.25	+0.11	48	-6	NW	2	f	2	0.48	56	42	c.or	or.c.	bef	*			
Dover ...	29.98	50	NW	3	c	30.24	0.00	50	+1	NW	4	og	2	0.31	53	48	bcp.c.	t.c.c.	b.c.m.	1.0			
Wick ...	30.08	51	SE	7	c	30.12	+0.01	52	+3	SE	6	cqmp	5	Trace	52	49	cnp	cq.	cnp.	*			
Nairn ...	30.03	47	SE	1	cq	30.09	0.00	47	+1	-	0	cq.	1	0.00	53	42	og	cu	cq.	0.8			
Aberdeen ...	30.10	50	SSE	3	o	30.18	+0.01	52	+2	SSE	3	o.	3	0.01	53	49	op	c.op.	op.o.	0.1			
Leith ...	29.99	51	E	1	o	30.12	+0.04	50	+1	SE	1	bc.	*	0.05	53	49	c.od	od	t.o.	*			
North Shields	30.01	50	ESE	4	o	30.20	+0.05	51	+1	S	1	o.	4	0.02	54	49	r.o	o	o	1.2			
Spurn Head ...	29.99	54	ESE	4	c	30.18	+0.04	52	-1	WNW	1	c	4	0.00	56	46	cq	cq	bc.	2.4			
Yarmouth ...	29.97	55	ESE	3	om	30.20	+0.05	44	-8	W	1	bef	1	0.00	57	44	bc	bc.omv	bef	0.8			
Clacton-on-Sea	29.95	52	NW	1	ogm	30.23	+0.05	52	-1	WNW	1	ogm	1	0.27	55	49	c.og	ogm	ogm	0.0			
Nottingham...	29.99	53	E	2	o	30.22	0.00	47	0	W	1	omv	*	Trace	56	46	o	o	oe.	0.0			
Bath ...	30.02	54	W	-	b	30.25	0.00	42	-11	E	-	m.	*	0.10	59	40	p.o	p.b.c.	bm	1.0			
London (Kew Obsy.)	30.00	52	W	2	ocm	30.27	+0.05	45	-3	-	0	fw.	*	0.58	53	44	omv.	omv.	doms.fw.	0.0			
Spitzbergen ...	29.81	24	SW	5	S	29.81	+0.03	20	+1	?	5	b	*	?	25	16	GALES. Duration and Extreme Force on British Coasts.						
Isafjord ...	29.97	43	-	0	b	29.93	-0.02	37	-1	-	0	c	*	0.00	46	36							
Reykjavik ...	29.93	50	E	5	b	29.87	-0.01	48	+4	ESE	2	c	*	0.00	46	32							
Vestmanna ...	29.88	46	E	9	b	29.84	-0.02	46	+1	E	7	+	4	0.00	46	39							
Seydisfjord ...	30.06	47	NE	1	c	29.99	-0.03	44	+5	-	0	c	*	0.00	46	37							
Thorshavn ...	30.11	49	SE	5	o.	30.12	-0.01	49	+1	SE	5	o	*	0.00	46	37							
Haparanda ...	30.17	30	N	2	o	30.23	+0.03	29	+3	NW	2	o	*	0.00	36	25							
Hernösand ...	30.21	39	-	0	o	30.30	+0.03	38	-2	-	0	c	*	Trace	46	36							
Stockholm ...	30.23	39	WNW	2	o	30.27	+0.03	37	+4	WNW	2	o	*	0.00	46	32							
Wisby ...	30.26	45	NW	4	b.	30.27	+0.01	46	+4	N	2	b	*	0.00	46	39							
Karlstad ...	30.31	32	-	0	b	30.34	+0.02	28	+2	-	0	bc.	*	0.00	45	28							
Færd (X'lania Fjord)	30.32	44	WSW	2	b.	30.35	+0.02	32	-1	N	2	b	1	0.00	45	37							
Bodö ...	30.20	40	-	0	bc.	30.24	+0.02	41	+1	S	1	c	1	0.24	41	37							
Christiansund	30.32	45	-	0	o	30.34	0.00	39	-2	-	0	b.	2	0.08	46	37							
Skudesnaes ..	30.31	40	-	0	b.	30.34	+0.01	41	-2	-	0	b.	1	0.00	43	36							
The Scaw (Skagen)...	30.34	39	-	0	b	30.33	0.00	40	+2	-	0	c	0.	0.00	45	32							
Blaavands Huk ...	30.26	38	ESE	2	o	30.26	+0.03	35	+4	ENE	1	c.	1	0.00	48	30							
Cuxhaven ...	30.17	46	SE	5	o	30.15	+0.02	42	+1	E	2	o	0.	0.00	50	41							
The Helder ...	30.03	52	E	5	o	30.19	+0.07	48	+2	NNE	2	bc	1	0.00	54	46							
Brussels ...	30.00	52	SE	2	+	30.22	+0.09	50	+9	WSW	1	f	*	0.20	57	40							
Berlin ...	30.30	45	SE	3	b	30.17	-0.01	40	+2	SE	1	c	*	Trace	52	38							
Frankfurt ...	30.13	54	SE	1	c	30.13	+0.03	52	+12	SW	1	o	*	0.16	61	40							
Munich ...	30.20	48	NE	2	c	30.25	+0.01	51	+14	SW	5	c	*	0.04	55	37							
C. Gris Nez...	29.95	55	W	5	o	30.25	+0.06	51	+4	WNW	4	o	3	0.35	55	47							
La Hève ...	30.03	58	W	7	o	30.26	0.00	53	+2	W	4	c	4	0.25	59	48							
Brest (St. Mathieu)	30.13	60	SW	4	c	30.24	+0.02	59	+3	S	4	c	4	0.00	64	56							
Lorient (Rec Melen)...	?	60	W	4	c	?	0.00	58	+1	SW	2	c	3	0.00	63	55							
Rochefort (Ile d'Alx)	30.21	59	WNW	3	bc.	30.32	+0.03	53	-7	ESE	3	b	*	0.00	64	52							
Biarritz ...	30.20	62	NE	3	bc.	30.25	+0.01	52	-13	ESE	3	b	4	0.00	68	50							
Paris ...	30.10	58	SSW	2	b	30.32	+0.04	45	-3	SSW	2	b	*	0.00	65	44							
Belfort ...	30.19	58	-	0	m	30.38	0.00	48	+3	W	2	c	*	0.04	60	45							
Lyons ...	30.20	60	-	0	b	30.38	0.00	51	+4	N	1	bc	*	0.00	70	47							
Nice ...	30.15	61	-	0	c	30.21	+0.02	60	+3	-	-	b	2	0.00	70	57							
Perpignan ...	30.19	63	NW	1	b	30.26	+0.03	55	-1	SW	2	b	*	0.00	75	53							
Sanguinaire ...																							
Corunna (S.a.m.) ...	30.13	63	SSW	1	bc	30.21	0.00	55	+1	SSW	1	bc.	2	0.00	68	52							
Lisbon (S.a.m.) ...	30.21	62	NW	4	b	30.23	+0.01	60	-1	N	3	b.	6	0.08	68	57							
Gibraltar ...																							
Azores (Horta S.a.m.)	29.72	68	SSW	5	o	29.71	+0.06	66	0	SW	3	o	2	0.47	72	64							
Madeira (Funchal) ...	30.17	65	S	2	b	30.15	+0.01	72	+5	S	2	b	2	0.00	79	64							



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



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

### 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

11 WESTERN CHANNEL AND BAY.

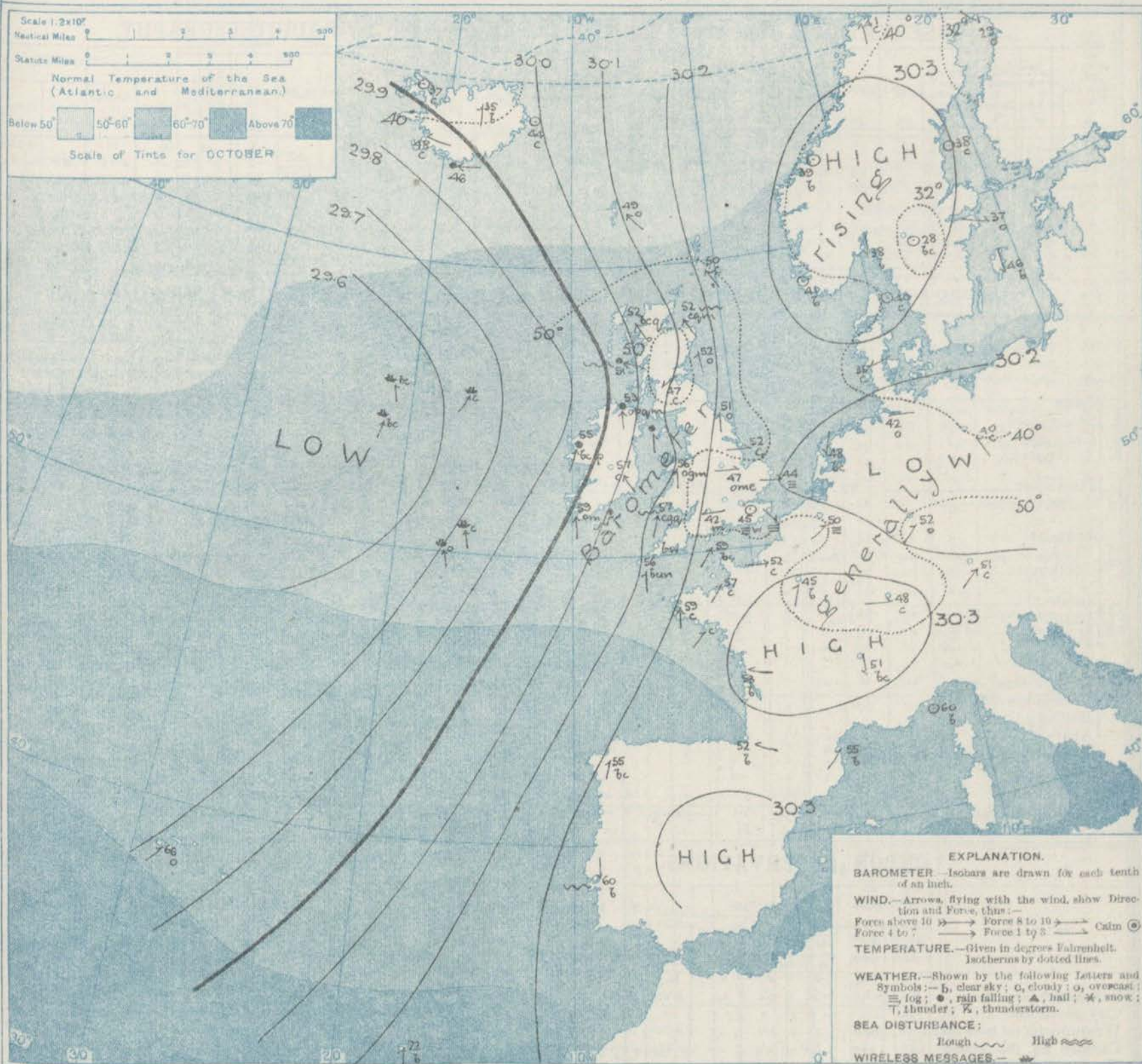
THE FURTHER OUTLOOK.

*None Issued.*

*None Issued.*



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



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

Pressure is above 30.3 in. over a large area in Scandinavia, and also in a smaller area over France; below 30.2 in. in a shallow depression over Germany, and below 29.8 in. in a large disturbance on the Atlantic.

The wind is southerly to south-easterly in the west and north of the United Kingdom, and blows a fresh to strong breeze in some parts of Ireland and Scotland. In the central and eastern districts of England a light westerly to north-westerly wind prevails. A feeble cyclonic movement is reported over Germany, but on the Continent generally

there is very little wind. Wireless reports show that a moderate breeze from the southward is general on the Atlantic as far west as the 21st meridian. Temperature has fallen in many parts of England, risen in Ireland, Wales and Scotland. The readings are as high as 59° at Valencia and Portland Bill and decrease to 47° at Raim 44° at Great Yarmouth, and to 42° at Bath. Rain is falling in some Irish localities and at Castlebay, and fog or mist is reported in various parts of England. Fine to bright weather is general in most Continental districts.



## DAILY WEATHER REPORT.

Sunday 12th October 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.	Direc.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Direc.	Force.	
12th, 7 a.m.	55	8	Laurie	O	29.81	-0.6	ESE	1-3	o	11th, 7 a.m.	54	19	Caledonia	H	29.06	+2.2	S	4-5	b
11th, 6 p.m.	56	25	Lake Manitoba	H	29.21	+1.7	S	8-9	bc		51	16	Lodre	O	29.33	+0.5	WSW	6-7	c
	54	25	Numidian	H	29.55	+1.0	SW	4-5	bc										
	55	14	Caledonia	H	29.49	+0.8	?	?	c										
	55	11	Granman	O	29.72	0.0	SE	6-7	b										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	In.	F.	F.			Hr.	England, S.E.	Margate	In.	F.	F.			Hr.
	Stonehaven								Ramsgate						
	Carnoustie								Folkestone						
	St. Andrews								Hythe						
England, N.E.	Harrogate	0.03	52	44	0.0	0	0.0	England, S.W.	Littlestone						0.0
	Scarborough								Hastings	0.70	55	51	0.0	0.0	0.0
England, N.W.	Douglas								Bexhill-on-Sea	0.62	56	52	0.0	0.0	0.0
	Blackpool	0.18	52	47	0.0	0.0	0.0		Eastbourne	0.90	58	52	0.0	0.0	0.0
	Southport	0.10	52	46	0	0.0	0.0		Seaford	0.68	56	52	0.0	0.0	0.0
Mid-lands.	Buxton	0.07	50	43	0.0	0.0	0.0		Brighton	0.74	56	53	0.0	0.0	0.1
	Leamington Spa	0.29	52	49	0.0	0.0	0.0		Worthing	0.54	57	53	0.0	0.0	0.2
	Malvern								Littlehampton	0.35					0.3
Wales.	Rhyl								Southsea						
	Colwyn Bay								Ryde						
	Llandudno								Ventnor						
	Bettws-y-Coed								Bournemouth	0.07	62	54	0.0	0.0	2.7
England, E.	Aberystwyth	0.24	57	51	0.0	0.0	1.4		Weymouth	0.23	63	55	0.0	0.0	4.0
	Tenby	0.84					1.2		Exmouth						
	Lowestoft								Teignmouth	0.13	64	53	0.0	0.0	4.5
	Felixstowe	0.21	56	51	0.0	0.0	0.9		Torquay	0.14	62	54	0.0	0.0	5.2
England, W.	Walton-on-Naze	0.24	54	51	0.0	0.0	0.6		Paignton	0.20	64	52	0.0	0.0	5.0
	Southend-on-Sea	0.27	62	50	0	0.0	0.3		Falmouth	1.06	62	52	0.0	0.0	6.2
									Bude	0.59	62	52	0.0	0.0	4.0
									Ilfracombe	0.58	60	53	0.0	0.0	3.2
									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.
			In Screen.	Min. on Grass.		Fore- noon.	After- noon.					In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
		3 p.m. Yester- day.	9 a.m. To- day.	Max.	Min.	24 HOURS ENDED 3 A.M. TO-DAY.							Max.	Min.		
Greenwich (Royal Obs.)		99	98	54	46	42	0.63	0.0	Dublin to 4 p.m.		0.35	59	52	51	0.0	0.0
City (Bunhill Row)									Plymouth to 9 p.m.		0.18	63	53	46	0.0	0.0
Westminster (St. James's Pl.)		96	100	55	46	47	0.51	0.0	Darwen		0.10	50	44	42	0.0	0.0
Camden Sq. (Brit. Rainfall)		97	100	54	46	46	0.53	0.0	Manchester		0.09	54	48		0.0	0.0
Hampstead (Reservoir)			99	52	48	35	0.48	0.0	Birmingham		0.08	51	46	44	0.0	0.0
Kew. (See front page.)									Oxford to 8 p.m.			52	50	47	0.0	0.0
									Richmond Park							0.0
									S. Kensington							
									(Museum Grounds to 6 p.m.)		0.52	54	48	42	0.0	0.0
S. Kensington (Roof of M.O.)		94	100	45	Joules.	3.7	Milliwatts.	10								

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.

12th Oct. 1913.	Sunrise.	Noon.	Sunset.	Notes.
G.M.T.	G.M.T.	G.M.T.		
Yarmouth	6.15	11.40	5.4	Temperature remained below 60° over a large portion of the United Kingdom, and at Glasgow only rose to 48°. Rain fell very generally, the quantity being considerable in the south of England and in Ireland, 0.58 in in London, and 0.86 in at Blackpool Point. Very little bright sunshine was recorded except in Ireland and the south west of England. Over a wide area there was none. According to wireless reports a southerly to south easterly wind, moderate to a gale, prevailed on the Atlantic as far west as the 25th meridian.
Greenwich	6.21	11.47	5.13	
Wick	6.44	11.59	5.14	
Valencia	7.2	12.28	5.53	
	7.4	12.27	5.50	

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

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

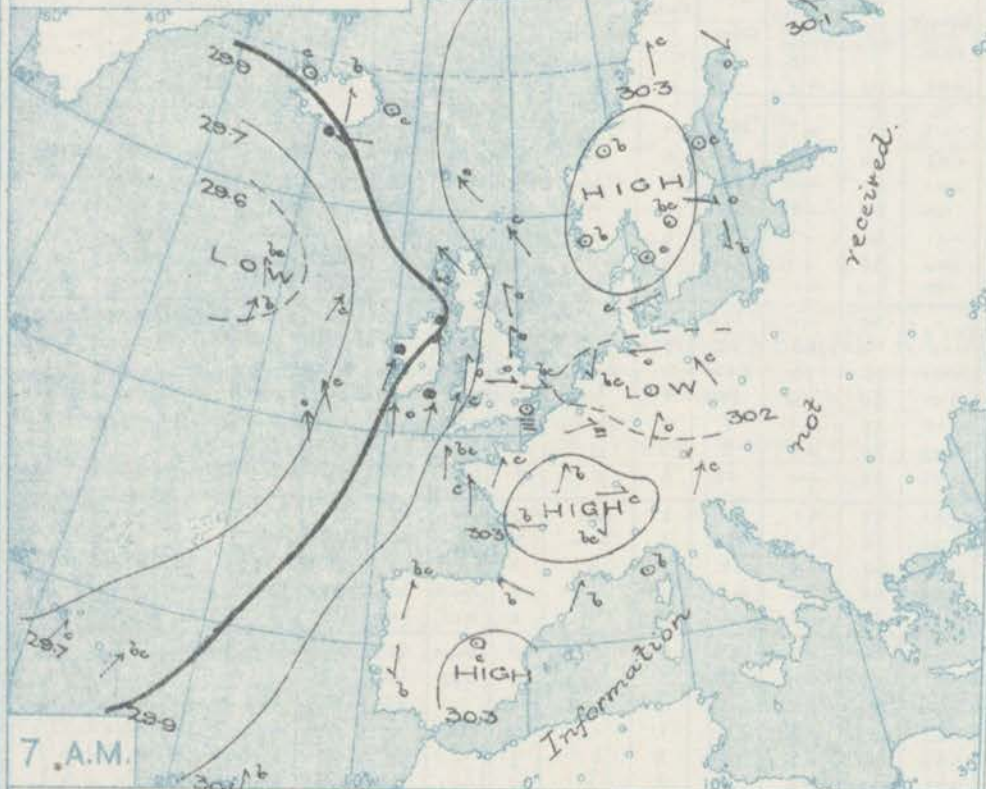
Monday,  
13th October, 1913.

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.				
Yardø ... ..	29.94	35	W	6	r	30.05	+0.2	34	+4	W	4	c	3	1a	36	27	5	5	5	5	5		
Lerwick ... ..	30.24	52	SE	5	c	30.15	-0.5	53	+3	SSE	6	cm	5	1a	53	49	c.b.c	cm	c.m	c.m	0.0		
Stornoway ... ..	30.06	55	SSW	4	cq	29.97	-0.3	56	+4	S	5	aq	5	0.23	57	51	bc. aq.	apq.	apq.	apq.	0.0		
Castlebay (Barra Isd.)	30.03	55	SE	4	o	29.97	-0.1	57	+4	SE	5	ap	6	0.23	57	51	r. o	a.c. o	a.c. o	a.c. o	0.0		
Glasgow ... ..	30.19	56	S	3	o	30.22	0.0	55	+8	SSE	4	o	8	0.08	56	46	apd	odg.	odg.	odg.	0.0		
Malin Head ... ..	30.03	60	SW	4	o	29.98	-0.1	60	+7	S	6	aq	4	-	64	52	amg	cg	cg	cg	0.0		
Blacksod Point ... ..	29.94	62	S	6	cqg.	29.91	-0.4	58	+3	SSW	6	or	4	0.30	63	54	bcg	bcg.	bcg.	bcg.	0.0		
Valencia ... ..	29.98	60.	S	4	om	30.02	0.0	60	+1	S	5	om	4	0.05	62	58	omc	omc.	omc.	omc.	0.0		
Roché's Point ... ..	30.10	58	S	4	r	30.16	0	59	+1	SSW	6	o	6	0.03	60	58	c.m	omc.	odm	odm	0.0		
Birr Castle ... ..	30.06	59	S	3	c	30.09	0	60	+3	SE	5	c	8	0.05	62	57	cp	c	c	c	0.0		
Donaghadee ... ..	30.12	57.	S	3	bc.	30.17	-0.3	58	+2	SSW	3	omp	3	0.04	59	55	omp.	bc	bc.	bc.	0.0		
Liverpool Obsy. ... ..	30.28	56	SE	2	c	30.34	+0.1	50	+4	SE	3	b	3	-	61	46	o.b	bc	bc.	bc.	0.0		
Holyhead ... ..	30.22	58	S	2	bc.	30.24	0.0	57	+1	S	4	omeg	3	0.01	61	56	b.c. omc.	a.b.c.	bc.	bc.	0.0		
Pembroke (St. Ann's Hd.)	30.23	58	S	5	bc	30.30	+0.2	58	+1	S	5	c	5	trace	60	56	cgq	c	bcg	bcg.	0.0		
Newquay ... ..	30.25	57	SSE	2	b	30.33	+0.2	58	+4	SE	3	c	3	trace	63	54	bu	bu	b.b.	b.b.	0.0		
Scilly (St. Mary's) ... ..	30.21	57	S	4	bc.	30.29	+0.1	57	+1	S	3	cm	4	0.01	62	56	bc.	bc.	bc.	bc.	0.0		
Jersey (St. Aubin) ... ..	30.36	60	SSE	2	b	30.44	0	58	+1	SSE	2	bm	2	-	64	48	bc	b.	bmw	bmw	0.0		
Portland Bill ... ..	30.31	59.	SW	3	b	30.39	+0.1	59	0	SE	2	b	3	-	62	58	bc	bc.	b.b.	b.b.	0.0		
Dungeness ... ..	30.33	59	SSW	3	bc	30.43	+0.2	48	0	NW	1	f	1	trace	62	47	f.b.c.	bc.	bc.	bc.	0.0		
Dover ... ..	30.34	55	-	0	b	30.45	0	48	-2	-	0	bf	2	0.01	64	44	o.b.c.	b.	b.	b.	0.0		
Wick ... ..	30.16	53	SE	5	c	30.07	-0.4	54	+2	SE	6	cmq	5	trace	55	51	cmq.	cmq.	bc.	bc.	0.0		
Nairn ... ..	30.13	56	S	1	bc	30.09	0	58	+11	SSW	5	aq	3	0.02	60	47	cmq.	cmq.	bc.	bc.	0.0		
Aberdeen ... ..	30.25	53	SSE	4	c	30.25	0.0	54	+2	S	4	om	3	-	55	52	o	o.c.	bc.	bc.	0.0		
Leith ... ..	30.17	59	S	1	o	30.22	-0.2	57	+7	S	1	c	8	trace	59	49	bc.	ap	ap.	ap.	0.0		
North Shields ... ..	30.26	54	SSE	1	c	30.35	+0.2	49	-2	SSW	3	f	3	-	58	47	o	o.c.	ap.	ap.	0.0		
Spurn Head ... ..	30.29	56	SSE	2	bc	30.38	+0.1	50	-2	S	3	f	4	-	60	46	bc.	bc.	b.	b.	0.0		
Yarmouth ... ..	30.33	55	-	0	bc.	30.44	0.0	55	+11	SE	3	bc.	2	-	59	44	bc.	bc.	bc.	bc.	0.0		
Clacton-on-Sea ... ..	30.32	57	SSW	1	bc.	30.46	+0.3	47	-5	WNW	1	fe	1	-	59	46	apn.b.	bc.	bc.	bc.	0.0		
Nottingham ... ..	30.32	53	S	1	b	30.42	0	48	+1	SSE	1	fe	1	0.01	63	38	omc.	b	bc.	bc.	0.0		
Bath ... ..	30.31	57	S	3	bc	30.43	0	52	+10	-	0	m	1	-	66	42	m.b.	bc.	bc.	bc.	0.0		
London (Kew Obsy.) ... ..	30.35	55	-	0	bc.	30.47	+0.3	48	+3	-	0	fu	1	0.01	62	45	fu.	bc.	bc.	bc.	0.0		
Spitzbergen ... ..	29.94	16	-	0	b	29.52	-1.4	23	+3	S	7	o	1	-	23	10	-	-	-	-	0.0		
Isafjord ... ..	29.83	44	-	0	c	29.85	+0.7	39	+2	E	4	o	1	-	-	-	-	-	-	-	0.0		
Reykjavik ... ..	29.84	51	-	0	o	29.75	-0.3	44	-4	N	3	b	1	-	-	-	-	-	-	-	0.0		
Vestmanna ... ..	29.82	47.	SE	1	f	29.64	-0.6	43	-3	N	5	o	3	-	-	-	-	-	-	-	0.0		
Seydisfjord ... ..	29.87	53.	SW	3	c	29.67	-0.3	44	0	-	0	bc	1	-	-	-	-	-	-	-	0.0		
Thorshavn ... ..	29.97	50.	SSE	6	r	29.83	?	51	+2	S	6	r	1	-	-	-	-	-	-	-	0.0		
Haparanda ... ..	30.29	27	W	2	b	30.25	-0.1	28	-1	W	2	b	1	-	36	28	-	-	-	-	0.0		
Hernösand ... ..	30.42	37	ENE	2	o	30.58	+0.6	36	-3	WSW	2	b	1	-	45	30	-	-	-	-	0.0		
Stockholm ... ..	30.36	40	NNW	2	r	30.59	+1.0	38	-8	ENE	2	b	1	0.08	46	32	-	-	-	-	0.0		
Wisby ... ..	30.49	33	-	0	b	30.61	+0.4	28	0	-	0	b	1	-	46	25	-	-	-	-	0.0		
Karlstad ... ..	30.45	46	NNE	2	b	30.57	+0.2	42	+4	ENE	1	m	1	-	46	37	-	-	-	-	0.0		
Færder (X'lanla Fjord)	30.29	42	W	2	o	30.28	-0.3	43	+2	SSW	4	o	2	0.20	43	39	-	-	-	-	0.0		
Bodö ... ..	30.40	39	-	0	b	30.38	-0.2	42	+3	SE	1	b	2	-	46	37	-	-	-	-	0.0		
Christiansund ... ..	30.46	43	S	2	b	30.52	+0.1	47	+6	S	6	c	3	-	50	41	-	-	-	-	0.0		
Skudesnaes ... ..	30.44	44	NE	2	b	30.57	+0.3	38	-2	ESE	1	b	0	-	46	34	-	-	-	-	0.0		
The Scaw (Skagen) ... ..	30.45	42	ESE	1	c	30.59	+0.4	32	-3	E	1	b	1	-	50	30	-	-	-	-	0.0		
Blaavands Huk ... ..	30.35	47	K	2	bc	30.52	+0.4	41	-1	E	2	b	0	-	52	41	-	-	-	-	0.0		
Cuxhaven ... ..	30.38	52	NNE	1	bc	30.53	+0.4	49	+1	E	3	c	1	-	55	45	-	-	-	-	0.0		
The Helder ... ..	30.39	50	-	0	b	30.49	+0.4	44	-6	ESE	1	f	1	-	61	43	-	-	-	-	0.0		
Brussels ... ..	30.20	46	NR	1	c	30.52	+0.4	39	-1	N	1	c	1	-	48	34	-	-	-	-	0.0		
Berlin ... ..	30.32	54	SW	1	o	30.45	+0.5	49	-3	NE	1	c	1	trace	59	48	-	-	-	-	0.0		
Frankfurt ... ..	30.34	48	W	2	r	30.42	+0.2	46	-5	W	2	o	1	0.20	57	45	-	-	-	-	0.0		
Munich ... ..	30.37	58	SW	3	b	30.42	+0.2	53	+2	SW	1	bc	1	-	61	51	-	-	-	-	0.0		
C. Gris Nez ... ..	30.32	64	NNW	2	bc	30.41	0	50	-3	E	3	b	1	-	66	46	-	-	-	-	0.0		
La Hève ... ..	30.32	61	SSW	3	bc	30.40	+0.3	57	-2	ESE	3	m	3	-	66	55	-	-	-	-	0.0		
Brest (St. Mathieu) ... ..	?	59	S	2	bc	?	0	58	0	E	3	b	3	-	66	50	-	-	-	-	0.0		
Lorient (Rec Moien) ... ..	30.35	59	E	2	b	30.38	+0.1	52</															

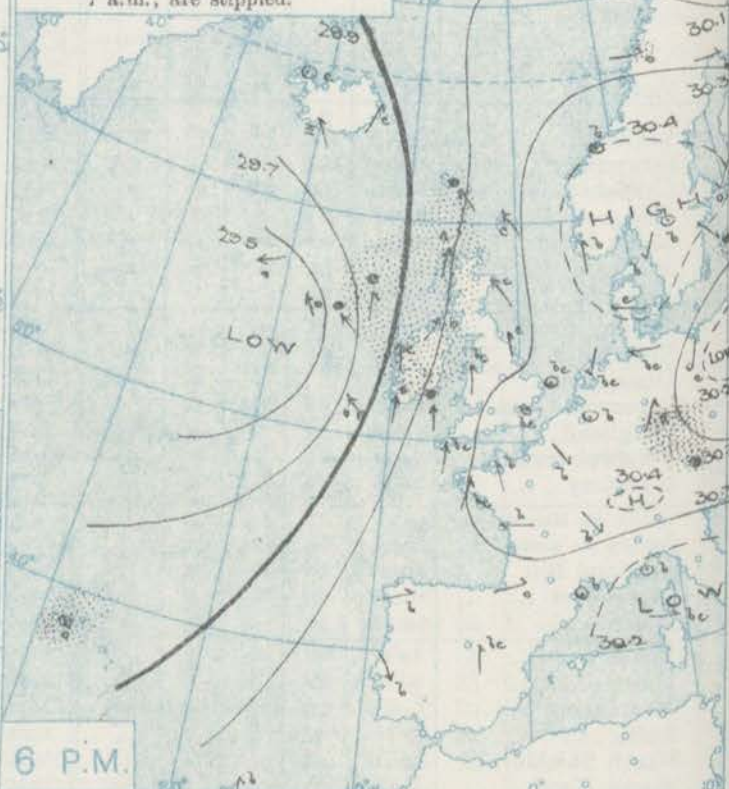
\* Information for these columns not usually received.



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



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



## GENERAL INFERENCE

The large anticyclonic system centred over the Baltic region will maintain its position and probably increase still further in intensity, while

## WEATHER PROSPECTS.

Depressions moving in a N.E. or E. direction on the Atlantic will continue to influence the wind and weather over the extreme western and northern districts of these islands.

## FORECASTS FOR THE 24 HOURS NOON MONDAY

## TO NOON TUESDAY.

- 0 { S.W. winds, fresh or strong; a gale at times locally; cloudy or overcast, some rain and squalls; mild.
- 1 { S.W. winds, light to fresh; cloudy generally, some local showers; mild.
- 2 { Wind mainly S.W., S.E. locally.
- 3 { light or moderate; mostly fair and warm during day, mist or fog at night, with a relatively low temperature.
- 4 {
- 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.

South Coast hoisted at 9.10 a.m.

- 6 { S.W. winds, moderate or fresh, strong at times locally, changeable, some showers; mild.
- 7 {
- 8 { S.W. winds, light or moderate; fresh locally; mostly fair and warm, some mist.
- 9 {
- 10 { Same as Nos. 6 and 7.

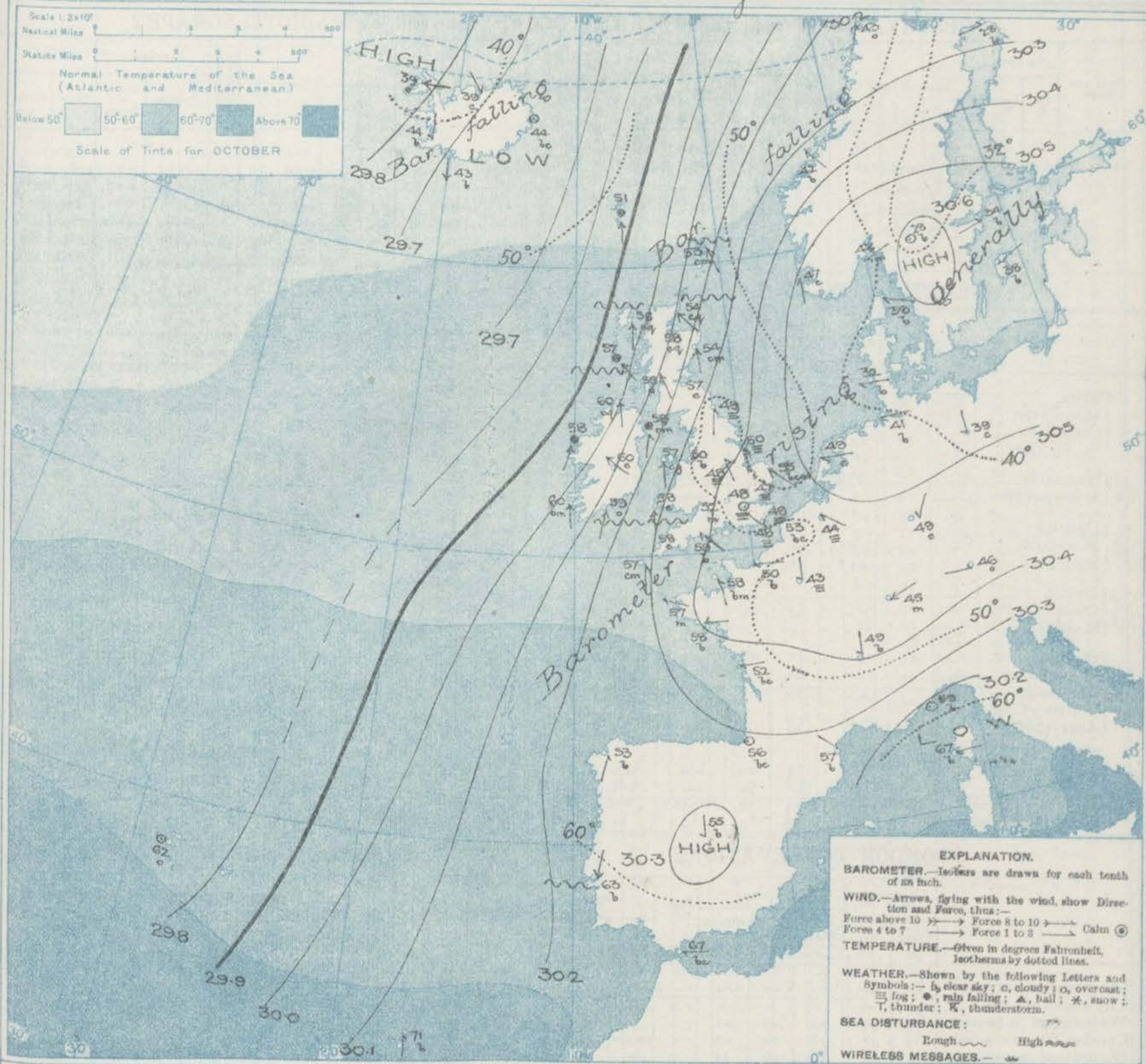
## 11 WESTERN CHANNEL AND BAY.

Wind S.W. or S., light or moderate; sea slight; some mist, otherwise fair.

## THE FURTHER OUTLOOK.



## OCTOBER 1913.



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

Pressure is above 30.5 in. over a large area beyond the North Sea, the highest reading being 30.61 in. at Karlstad. To the north-westward it decreases to below 29.7 in. in the east of Iceland, while at Spitzbergen it is as low as 29.52 in.

The main wind current over the United Kingdom is from the Southward. Over England and the east of Scotland it has little force, but in Ireland and the west and north of Scotland it blows a fresh to strong breeze. Over North Germany, the

Netherlands and France, light airs from the Eastward are general. Temperature is high for the time of year in these Islands, ranging from  $60^{\circ}$  at Malin Head, Birr Castle and Valencia to a little below  $50^{\circ}$  at some stations in the east and south-east of England.

Much fog and mist prevails in England and also at Brussels and Paris, and showers are falling in the north of Ireland and the Hebrides; elsewhere the weather is generally fair to bright.



## DAILY WEATHER REPORT.

Monday, 13th October, 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.	
12.06, 6 p.m.	56	21	Grampian	O	29.45	-0.8	ENE	4-5	O	12.06, 1 p.m.	55	13	California	O	29.83	+0.2	S	4-5	C
"	55	17	Fluminense	H	29.46	-1.8	SSE	6-7	O	"	54	21	Fluminense	H	29.78	+0.7	SSE	4-5	B
"	55	15	California	O	29.52	-2.3	SE	4-5	T	"	56	21	Laurensia	H	29.52	+0.1	SSE	1-3	B
"	56	13	Laurensia	O	29.68	-1.0	S	1-3	T	"	50	17	Laurensia	H	29.64	+0.4	SSE	4-5	O
"	51	12	Laurensia	H	29.79	+1.0	SE	8-9	O	"	51	16	Laurensia	H	29.88	+2.4	SSE	4-5	O
"	"	"	Laurensia	O	"	"	"	"	"	"	56	16	Laurensia	O	29.53	-0.1	SW	4-5	C

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.			Hr.	Margate	In.	F.	F.			Hr.
Oban	...	...	...	...	...	...	Ramsgate	...	...	...	...	...	...
Stonehaven	...	...	...	...	...	...	Folkestone	...	...	...	...	...	...
Carnoustie	...	...	...	...	...	...	Hythe	...	...	...	...	...	...
St. Andrews	...	...	...	...	...	...	Littlestone	...	...	...	...	...	...
England, N.E.							Hastings	...	...	...	...	...	...
Harrogate	0.03	58	47	om. c. bc.	c. bc.	0.6	Bexhill-on-Sea	...	...	...	...	...	...
Scarborough	...	61	49	c. b.	c. b.	3.4	Eastbourne	...	...	...	...	...	...
England, N.W.							Seaford	...	...	...	...	...	...
Douglas	...	...	...	...	...	...	Brighton	0.01	63	48	b. c. b.	b. c. b.	9.8
Blackpool	0.03	63	46	a.	c.	5.4	Worthing	...	66	43	b.	b.	9.0
Southport	0.03	63	44	bc.	c. bc.	5.0	Littlehampton	...	...	...	...	...	...
Mid-lands.							Southsea	0.01	65	46	b. c. b.	b. c. b.	7.0
Buxton	...	...	...	...	...	...	Ryde	...	65	?	b.	b.	3.0
Leamington Spa	...	63	42	c.	c.	5.5	Ventnor	0.01	67	52	*	*	7.6
Malvern	...	...	...	...	...	5.2	Bournemouth	...	65	42	u. bc. b.	b.	8.5
Wales.							Weymouth	...	67	49	b. c. b.	b. c. b.	8.0
Rhyl	0.01	63	43	b. bc.	b. bc.	5.7	Exmouth	...	...	...	...	...	...
Colwyn Bay	...	63	...	b.	b.	5.8	Teignmouth	...	65	47	b.	b.	7.4
Llandudno	...	64	47	b.	b.	5.0	Torquay	0.10	65	50	bc.	bc.	7.8
Bettws-y-Coed	...	...	...	...	...	...	Paignton	0.05	65	46	b. c. b.	bc.	7.6
Aberystwyth	...	62	48	bc.	b.	7.5	Falmouth	...	64	53	c. b.	b.	8.2
England, E.							Bude	...	65	48	w. b.	b.	8.9
Lowestoft	...	59	44	b. bc.	b. c. b.	8.7	Ilfracombe	...	61	52	b. bc.	b. c. b.	8.3
Felixstowe	0.01	61	50	om.	b. c. b.	4.2	Weston-super-Mare	...	64	48	b.	b. c. b.	7.5
Walton-on-Naze	0.01	59	50	om. bc. b.	b. c. b.	5.0							
Southend-on-Sea	...	62	50	bc.	bc.	4.5							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain-fall.	WEATHER.			Sunshine for Yesterday.	STATIONS.	Rain-fall.	TEMPERATURE.		WEATHER.			Sunshine 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.)	65	94	64	44	3.4	b	b	bm. f.	5.7	Dublin to 4 p.m.	...	63	50	46	bc	bc	bc
City (Bunhill Row)	...	...	...	...	...	...	...	...	4.5	Plymouth to 9 p.m.	...	...	...	...	...	...	...
Westminster (St. James's Pl.)	69	99	64	45	4.2	bc	bc	bm. f.	5.4	Darwen	...	...	...	...	...	...	...
Camden Sq. (Brit. Rainfall)	68	99	63	46	4.2	om. bc.	bc	bm. f.	4.0	Manchester	...	...	...	...	...	...	...
Hampstead (Reservoir)	...	99	62	46	3.3	bc	bc	c. of	6.0	Birmingham	...	60	44	39	*	c. c.	c
Kew. (See front page.)	...	...	...	...	...	...	...	...	...	Oxford to 8 p.m.	...	61	43	38	of	c. f. c.	c. bc.
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																	
			Total.		Mean Rate.		Max. Rate.										
S. Kensington (Roof of M.O.)			692 Joules.		17.7 Milliwatts.		4.2 Milliwatts.		5.7	S. Kensington (Museum Grounds to 6 p.m.)	trace	64	45	45	om.	om. bc.	bc.

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

13th & 14th Oct. 1913.	Sunrise	Noon	Sunset
Yarmouth	G.M.T. 6.47 6.19	G.M.T. 11.39 11.39	G.M.T. 5.1 4.59
Greenwich	6.22 6.24	11.46 11.46	5.10 5.8
Wick	6.46 6.48	11.58 11.58	5.11 5.8
Valencia	7.4 7.6	12.27 12.27	5.56 5.48

Temperatures rose to above 60° over the Kingdom generally, and touched 67° at a few places on the south coast. Little or no bright sunshine was recorded in Ireland and Scotland, but over nearly the whole of England it was very abundant. Rain in moderate or slight amounts was measured this morning at many stations in the extreme west and north of these Islands. According to wireless reports a Southerly wind, blowing a gale at times locally, prevailed on the Atlantic 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.

Tuesday,  
14th October 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.	Max.	Min.	Morning 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.		
Varão ...		29.79	37	SW	2	r	29.03	-21	36	+2	SW	6	r	4	?	37	27	F.	F.	ormg	epmg	orm	Hours	
BRITISH ISLANDS.	Lerwick ...	30.02	54	SSE	7	ormg	29.88	-02	53	0	SSW	3	cm	5	0.79	55	52	ormg	epmg	orm				
	Stornoway ...	29.91	56	SSW	4	ormg	29.87	-02	51	-5	SW	4	bc	4	1.08	58	51	ormg	ormg	orm	0.0			
	Castlebay (Barra Isd.)	29.91	56	SSW	4	r	29.89	00	54	-3	WSW	4	c	4	0.83	57	53	ormg	r	orm	0.0			
	Glasgow ...	30.14	58	SSW	6	ormg	30.00	-04	54	-1	SSW	5	fg		0.36	61	54	c	0	ormg	0.1			
	Malin Head...	29.95	60	SSW	6	c	29.95	00	54	-6	SW	3	r	3	0.24	65	53	ormg	ormg	ormg				
	Blacksod Point ...	29.94	58	SW	4	ormg	30.00	+02	56	-2	W	2	cmp	2	1.56	60	54	ormg	ormg	ormg				
	Valencia ...	30.02	58	SSE	5	r	30.06	+04	57	-3	WSW	1	cmp	4	1.23	60	57	ormg	ormg	ormg	0.0			
	Roches Point ...	30.15	59	S	5	0	30.09		58	-1	SSW	5	r	6	0.75	60	57	0	m	orm				
	Birr Castle ...	30.07	59	S	5	c	30.02		57	-3	S	1	r		0.35	62	56	c	c	orm	0.4			
	Donaghadee ...	30.13	58	WSW	3	c	30.01	-05	55	-3	SW	3	orm	4	0.35	60	55	c	c	orm				
	Liverpool Obsy. ...	30.32	57	SSE	2	bc	30.20	-04	53	+3	SE	3	0	3	0.01	62	50	bc	bc	orm	2.3			
	Holyhead ...	30.24	59	SSW	4	ormg	30.10	-01	56	-1	SSW	6	ormg	6	0.04	60	55	ormg	ormg	ormg	0.0			
	Pembroke (St. Ann's Hd.)	30.29	58	S	5	bc	30.16	-04	58	0	S	6	cmp	6	0.04	61	57	ormg	c	ormg	2.7			
	Newquay ...	30.32	55	SE	4	b	30.24	-01	57	-1	S	3	c	2		62	54	ormg	orm	orm	4.3			
	Scilly (St. Mary's) ...	30.29	57	S	4	bcm	30.20	00	57	0	S	4	c	4	0.04	62	56	bcm	bcm	bcm	3.9			
	Jersey (St. Aubin) ...	30.42	60	ESE	1	bc	30.38		55	-3	SSE	4	cm	4		63	51	bc	bc	bcm	8.6			
	Portland Bill ...	30.42	59	SE	3	bc	30.34	-02	58	-1	SSW	4	c	4		62	55	bc	bc	bcm				
	Dungeness ...	30.39	55		0	bc	30.39	-01	56	+7	S	4	0	3	0.04	58	45	bc	bc	bcm				
	Dover ...	30.45	53	E	1	bcm	30.37		53	+5	S	4	bc	5		60	47	bc	bc	bcm	3.5			
	Wick ...	30.00	56	SE	4	c	29.91	-01	54	0		0	r	4	0.19	57	53	ormg	ormg	ormg				
Nairn ...	30.00	61	S	5	cg	29.90		55	-3		0	rm	1	0.23	64	54	op	op	ormg	0.0				
Aberdeen ...	30.15	57	S	5	0	29.99	-02	56	+2	SSW	5	op	3		57	53	ormg	ormg	ormg	0.0				
Leith ...	30.15	60	S	5	bc	30.00	-06	57	0	SSW	6	fg		0.03	64	56	0	ormg	ormg					
North Shields ...	30.31	56	SSW	2	0	30.18	-03	53	+4	S	4	0	2		58	48	fg	c	orm	0.3				
Spurn Head ...	30.41	53	SSE	4	c	30.29	-02	54	+4	SSE	4	0	3		60	48	f	cm	bcm	2.3				
Yarmouth ...	30.47	60	S	3	bc	30.39	-02	50	-5	S	3	0	2		60	50	bcm	bc	bcm	4.2				
Clacton-on-Sea ...	30.46	57	ESE	2	bc	30.38	-02	54	+7	SSE	3	0	2		58	47	ormg	ormg	bcm	1.5				
Nottingham ...	30.41	54	SE	2	b	30.28		54	+6	S	3	0			61	48	ormg	c	bcm	1.1				
Bath ...	30.41	58	S	1	b	30.32		53	+1	S	2	0			65	52	m	bc	bcm	3.8				
London (Kew Obsy.)...	30.45	59	S	1	c	30.37	-01	47	-1	SSE	1	ormg			63	45	bcm	bc	bcm	3.8				
ICELAND, FAEROE, &c.	Spitzbergen ...	28.97	26	E	8	S	28.48	-02	17	-6	NNE	9	0		?	27	10							
	Isafjord ...	30.02	35	N	5	c	29.93	-02	32	-7	N	1	bc											
	Reykjavik ...	29.79	46	NE	5	b	29.44	+03	39	-5	NNW	2	0											
	Vestmanna ...	29.65	47		0	b	29.84	+02	33	-10		0	b	1										
	Seydisfjord ...	29.84	40	NE	3	r	29.87	-03	32	-12	W	1	b											
	Thorshavn ...	29.76	54	SW	6	0	29.75	00	51	0		0	0											
SCANDINAVIA.	Haparanda ...	30.00	36	NW	2	b	29.40	-20	41	+13	SW	6	c		0.20	43	27							
	Hernösand ...	30.24	41		0	0	29.61	-09	46	+14	W	2	0			48	32							
	Stockholm ...	30.51	39	SW	4	b	30.20	-10	42	+8	WSW	6	c			45	34							
	Wisby ...	30.62	47	W	8	c	30.48	-07	47	+9	WSW	9	b			48	36							
	Karlstad ...	30.50	42	WSW	4	bc	30.25	-10	46	+18	SSW	6	0			46	27							
	Færder (X'ania Fjord)	30.50	47	SW	5	c	30.21	-11	50	+8	SW	8	m			50	41							
	Bodö ...	29.85	43		0	r	29.41	-01	44	+1	W	7	0	5	0.7	45	39							
	Christiansund ...	30.08	53	WSW	1	0	29.80	-02	53	+11	W	6	r	4	0.59	52	41							
	Skudesnaes ...	30.42	50	S	8	0	30.19	-04	54	+7	SSW	8	r	5	0.08	50	46							
	The Scaw (Skagen)...	30.56	43	WSW	3	c	30.38	-05	45	+7	SW	5	0	1		48	38							
Blaavands Huk ...	30.61	41	S	1	0	30.47	-05	49	+17	SSW	5	0	3		48	32								
GERMANY, &c.	Cuxhaven ...	30.59	45	SE	2	b	30.54	00	35	-6	S	3	cm	0		50	34							
	The Helder ...	30.55	48	ESE	2	bc	30.46	-03	39	-10	SSE	2	0	2		54	37							
	Brussels ...	30.45	46	ENE	1	b	30.48	-01	43	-1	SE	3	0			?	41							
	Berlin ...	30.62	46	SE	1	bc	30.68	+01	35	-4	S	2	b			52	34							
	Frankfurt ...	30.53	48	NE	1	b																		
Munich ...	30.51	41	N	1	bc	30.59	-02	32	-14	NNE	3	b		0.08	48	30								
FRANCE.	C. Gns Nez... ..	30.47	53	ESE	3	b	30.42	-01	46	-7	SSE	4	c	2	0.04	63	45							
	La Hève ...	30.40	63	E	3	bc	30.40		47	-3	ESE	2	m	1		64	43							
	Brest (St. Mathieu) ...	30.34	61	SSE	3	c	30.30	00	55	-2	SE	4	c	3		68	55							
	Lorient (Dec Melen)...	30.34	59	SE	2	c	?		52	-6	ESE	3	b	?		64	50							
	Rochefort (Ile d'Alx)	30.32	57	NE	3	bc	30.30	+01	48	-4	NE	3	0			68	48							
	Bierritz ...	30.26	60	NE	3	b	30.26	00	55	-1	SE	2	b	2		68	52							
	Paris ...	30.46	51	NE	2	b	30.43	+01	40	-3	E	1	b			61	39							
	Belfort ...	30.45	47	ENE	5	m	30.49		36	-9	ENE	7	m			58	36							
	Lyons ...	30.38	54	NW	4	b	30.40		41	-8		0	0			62	40	</						

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

GALES.  
Duration and Extreme Force  
on British Coasts.

Lerwick. Afternoon.

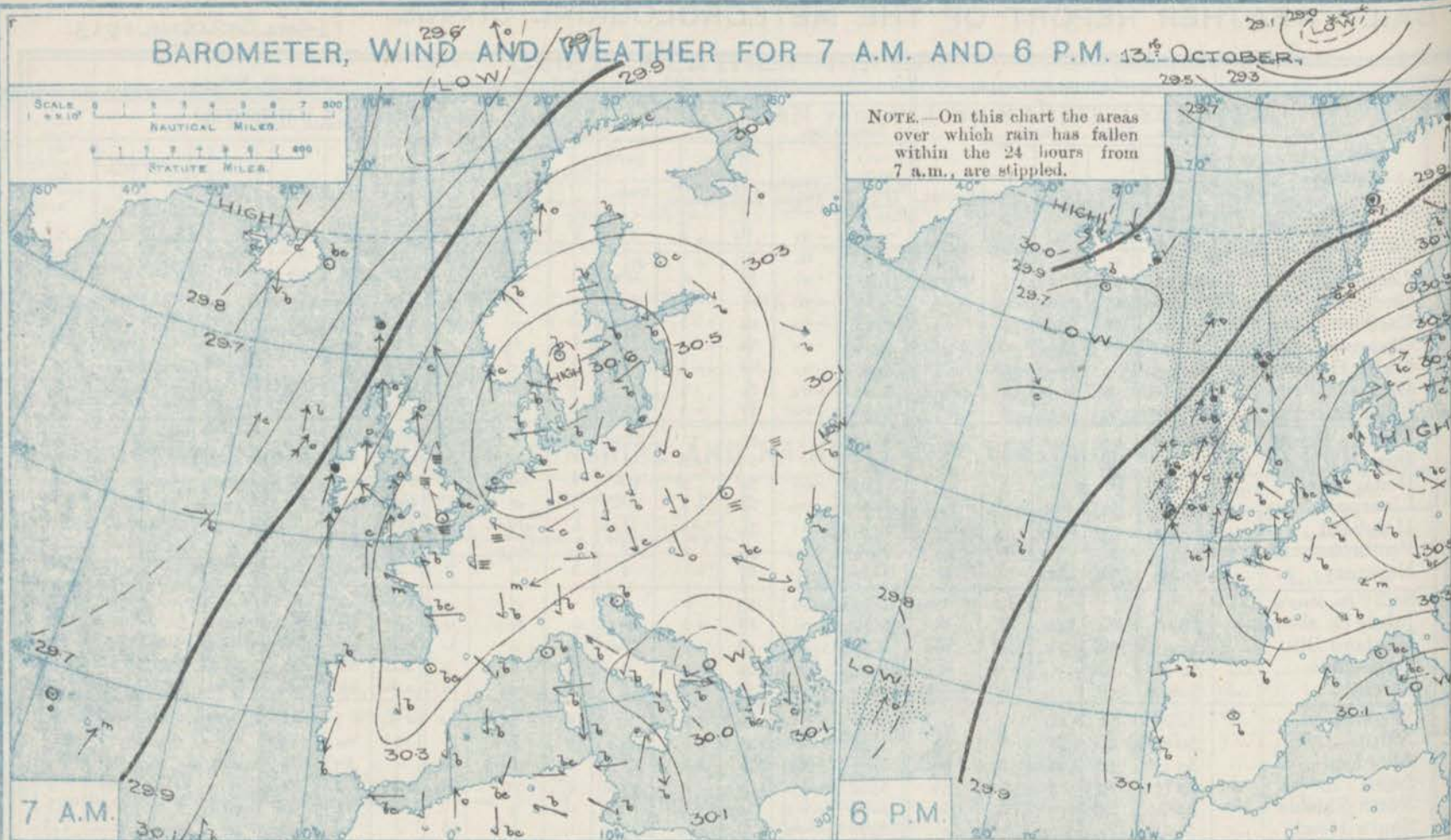
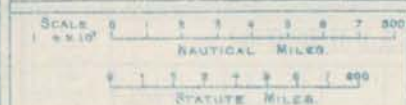
Squalls SSE 8.

Wick. Jan-2pm.

Extreme SE 8.



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



## GENERAL INFERENCE

The large low pressure system in the far north appears likely to move in an easterly direction, and at the same time to extend southwards.

## WEATHER PROSPECTS.

There are apparently other disturbances far out on the Atlantic.

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

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

Southerly and South-Westerly winds, light or moderate, fresh at times locally; much cloud, some rain; mild.

Southerly and South-Westerly winds, light or moderate; cloudy or overcast generally, some rain or passing showers later; mild.

### 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 in District 10 at 9.10 a.m. yesterday.

6 {  
7 {  
8 {  
9 {  
10 {

Same as Nos. 0 and 1.

Southerly and South-Westerly winds, light or moderate generally; much cloud, some rain, then fairer temporarily; mild.

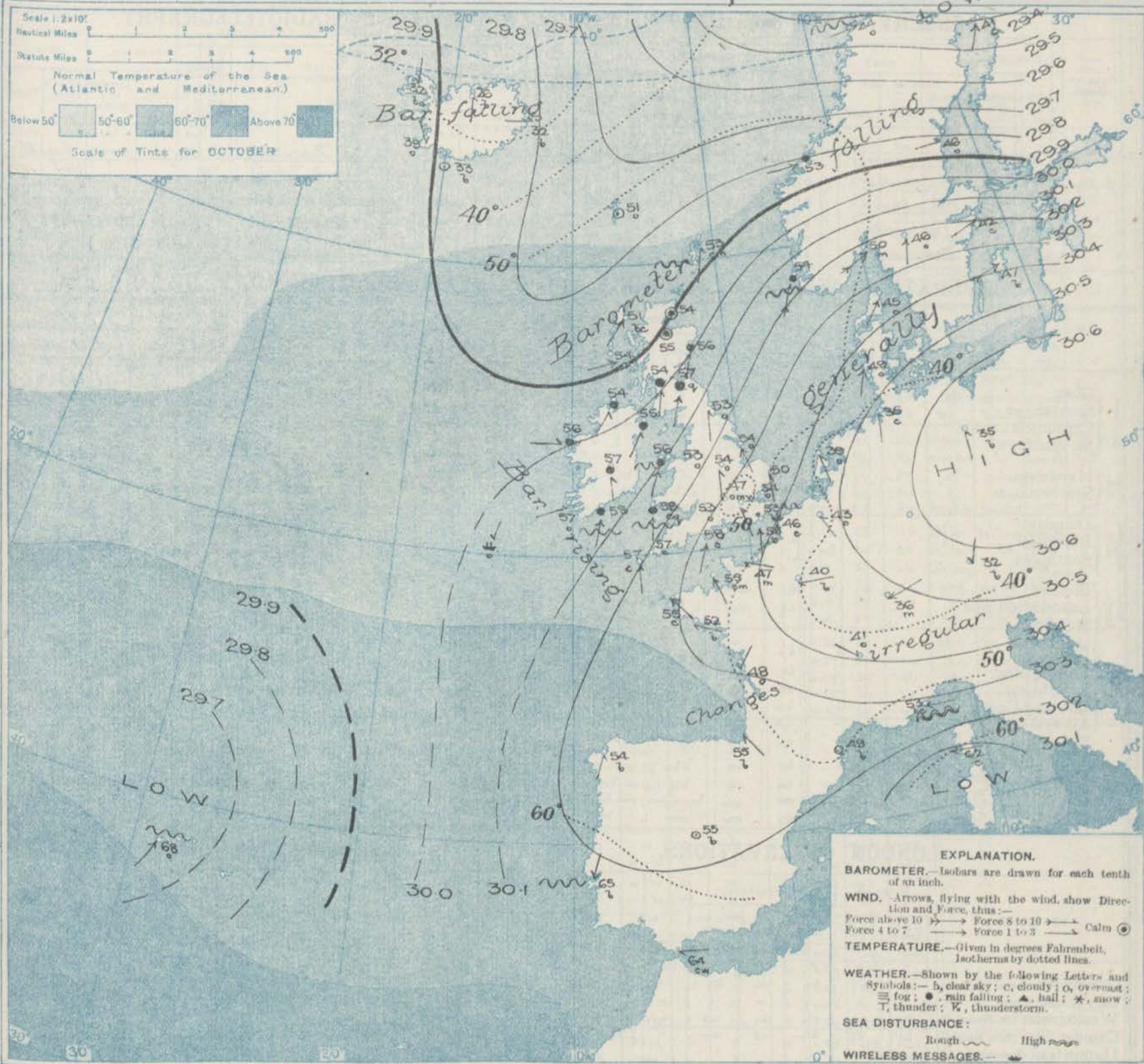
### 11 WESTERN CHANNEL AND BAY.

Wind mainly Southerly, light or moderate; cloudy or overcast, some rain and mist; sea moderate or slight.

## THE FURTHER OUTLOOK.



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



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

The barometer is above 30.6 in. over a considerable part of Germany, below 29.8 in. between Scotland and Iceland, as low as 29.03 in. at the North Cape, and below 28.5 in. at Spitzbergen; in the Azores the reading is below 29.7 in.

Over the United Kingdom the wind is Southerly to South-Westerly, moderate or light generally, but fresh or strong on some parts of our western and northern coasts. Beyond the North Sea the South-Westerly wind blows with the force of a gale, while at Spitzbergen there

is a strong gale from the North-eastward. Temperature has undergone little change in these Islands, where it ranges from 58° or 57° at several South-western stations to 47° in London. Rain is falling in many parts of Ireland, Scotland and Wales, and the sky is very cloudy or overcast over the Kingdom generally. Dull to rainy weather is also general over Scandinavia, but in Germany and the greater part of France, the sky has little cloud.



## DAILY WEATHER REPORT.

Tuesday, 14th October, 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 7am.	50	14	Campania	H	?	?	NNE	1-3	o.	13th 1pm.	56	11	Lake Manitoba	H	29.76	+0.09	S	6-7	o.
13th 6pm.	56	24	Laurentis	O	29.70	+13	NW	4-5	c.	" 7am.	52	15	Mount Royal	H	?	?	SSW	6-7	c.
" "	49	21	Campania	H	?	?	N	1-3	b.	" "	56	13	Lake Manitoba	H	?	?	S	6-7	b.
" "	50	13	Finland	H	30.03	+0.3	WSW	1-3	c.	" "	55	13	Humidex	H	29.78	+0.09	SW	8-9	o.
" "	55	10	Humidex	H	29.94	+0.5	SW	4-5	c.	" "	50	20	Mauritania	O	29.68	+0.04	W	1-3	b.

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland, N.E.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
Oban ...	0.13	61	54	+	sq.	0.0	Ramsgate ...	-	60	47	bc	bc.b.	3.5
Stonehaven ...	-	-	-	-	-	-	Folkestone ...	0.02	62	51	bc or	o.b.	3.2
Carnoustie ...	-	-	-	-	-	-	Hythe ...	-	-	-	-	-	-
St. Andrews ...	-	62	50	c	c	1.0	Littlestone ...	-	-	-	-	-	6.6
England, N.E.	-	-	-	-	-	-	Hastings ...	0.01	63	51	bc.b.	bc.b.	6.6
Harrogate ...	-	58	41	o.c. bc	bc.c.	0.6	Bexhill-on-Sea ...	-	61	51	b	b	8.8
Scarborough ...	-	57	48	c.b	o.c.	1.4	Eastbourne ...	-	63	44	b.b.	b	7.3
England, N.W.	-	-	-	-	-	-	Seaford ...	-	62	46	b	b	8.7
Douglas ...	-	-	-	-	-	-	Brighton ...	-	64	45	b.b.	bc.c	8.7
Blackpool ...	-	61	49	o.b	o.	0.7	Worthing ...	-	65	46	b.b.	b.b.	7.7
Southport ...	-	61	47	bc.o.c.	bc.c.	1.3	Littlehampton ...	-	-	-	-	-	8.5
Mid-lands.	-	-	-	-	-	-	Southsea ...	0.01	65	48	b	b.	8.0
Buxton ...	-	63	41	bc	bc.	2.2	Ryde ...	-	64	57	b	b.	7.0
Leamington Spa ...	-	63	44	c.b	c.b.	1.5	Ventnor ...	-	67	55	a	a	5.5
Malvern ...	-	-	-	-	-	2.3	Bournemouth ...	-	65	41	bc.b.	b.b.	7.2
Wales.	-	-	-	-	-	-	Weymouth ...	-	65	53	bc	bc.	6.4
Rhyl ...	-	66	50	c	c.b.	1.7	Exmouth ...	-	65	47	bc.	bc.	4.0
Colwyn Bay ...	-	66	55	bc	bc.	3.0	Teignmouth ...	0.02	65	55	bc	bc.b.	5.7
Llandudno ...	-	65	52	c.b	bc.	1.8	Torquay ...	-	63	52	bc	b.	6.2
Bettws-y-Coed ...	-	64	57	bc	bc.	1.5	Paignton ...	-	64	47	bc	bc.	5.3
Aberystwyth ...	-	63	55	o.c.o	o.c.	0.7	Falmouth ...	-	63	57	c.b	bc.	4.5
Tenby ...	-	63	57	o	o.b.	2.5	Bude ...	-	65	53	bc.b.	b.	5.2
England, S.E.	-	-	-	-	-	-	Ilfracombe ...	-	67	54	c.b.	bc.b.	4.4
Lowestoft ...	-	61	49	b.b.	bc.c.	5.3	Weston-super-Mare ...	-	64	52	bc.b.	bc.b.	4.5
Felixstowe ...	-	59	46	bcf	c.bcm	2.5							
Walton-on-Naze ...	-	58	44	bc.m	bc.c.	2.6							
Southend-on-Sea ...	-	62	44	m	bc.	3.5							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.	
	p.m. Yesterday.	a.m. To-day.	In Screen.		Min. on Grass.		Forenoon.	Afternoon.	Night.				In Screen.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.			
			Max.	Min.														Max.		Min.
			24 HOURS ENDED 9 A.M. TO-DAY.																	
Greenwich (Royal Obs.) ...	77	87	64	46	36	-	bc	bc	bc.	4.2	Dublin to 4 p.m.	-	65	57	54	c	c	6.0		
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	1.5	Plymouth to 9 p.m.	-	64	55	48	bcw.	bc	bc.		
Westminster (St. James's Pl.)	72	90	64	49	42	-	bc	bc	bc.m.	2.4	Darwen	0.01	57	47	47	bc.m.	c	c		
Camden Sq. (Brit. Rainfall)	69	87	64	48	44	-	f.m.	bc	bc.o.	1.5	Manchester	"	"	"	"	"	"	"		
Hampstead (Reservoir) ...	*	*	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.										Birmingham	-	61	47	41	"	c	c
Kew. (See front page.)											Oxford to 8 p.m.	-	63	49	39	bc.m.	bc.m.	4.5		
											Richmond. 6 p.m.	"	"	"	"	"	"	"	"	
											S. Kensington (Museum Grounds to 6 p.m.)	"	64	49	36	bc.m.	c	c	"	
S. Kensington (Roof of M.O.)	72	87	564	Joules.	14.8	Milliwatts.	4.0	Milliwatts.	2.1											

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

14th & 15th Oct. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.19 L.M.T. 6.21	G.M.T. 11.39 L.M.T. 11.39	G.M.T. 4.59 L.M.T. 4.57
Greenwich ...	6.24 6.26	11.46 11.46	5.8 5.6
Wick ...	6.48 6.50	11.58 11.58	5.8 5.6
Valencia ...	7.6 7.8	12.27 12.27	5.48 5.46

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to above 60° in many parts of these Islands, touching 67° at Ventnor and Ilfracombe. Rain has fallen very generally in Ireland and in many of Wales and Scotland, the amount measured this morning being 1.1 in. at Stornoway, 1.2 in. at Valencia, and 1.6 in. at Blackhead Point. Several hours of bright sunshine were experienced in the south-east, south and south-west of England, elsewhere there was little or none.

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



STATIONS.		YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.										Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.								
		At 22° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Wet Bulb.	Dir.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.		Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	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.							
Vardø ... ..		29.09	34		W	6	o	28.98	-0.4	30	-6	W	6	b	4	-	37	30										
Lerwick ... ..		29.78	53	SW	2	c		29.91	+0.9	44	-9	NNW	4	c	3	0.03	57	43	c.be	bc.c	etc.be							
Stornoway ... ..		29.84	52	WSW	5	ca		30.09	+0.8	47	-4	NW	3	o	3	0.11	57	46	bcq	cpq	op	3.5						
Castlebay (Barra Isd.)		29.92	53	WSW	5	ap		30.16	+0.6	50	-4	NW	4	c	3	0.08	55	48	g.o.bc	bc.op	op.c	4.0						
Glasgow ... ..		30.02	53	WSW	4	cg		30.08	+0.6	49	-5	WNW	2	b	"	0.17	56	49	r.o.c	o.c	c.be	0.0						
Malin Head ... ..		30.03	53	WNW	5	c		30.17	+0.3	50	-4	NW	5	omq	5	0.05	57	49	bcn	cm	omq	"						
Blacksod Point ... ..		30.14	58	W	2	bcv		30.27	+0.2	51	-5	NW	2	cmq	1	0.02	54	44	bcn	bcv	bcn	"						
Valencia ... ..		30.17	56	NNW	2	cv		30.29	+0.1	45	-12	NNE	1	bcv	3	0.01	54	44	bcn	bcv	bcn	0.0						
Roche's Point ... ..		30.16	57	N	2	r		30.29	"	49	-9	N	2	b	3	0.30	60	47	rm	rgm	r.o.b	"						
Birr Castle ... ..		30.16	54	W	1	c		30.26	"	45	-12	NW	1	c	"	0.02	59	42	od.c	c	c	0.0						
Donaghadee ... ..		30.09	54	W	2	bcn		30.16	+0.2	51	-4	NNW	4	bc	2	0.11	57	48	cp	bcn	b.be	"						
Liverpool Obsy. ... ..		30.12	56	SW	2	r		30.15	"	53	0	W	5	odq	4	0.38	57	52	or	or	og	0.0						
Holyhead ... ..		30.09	57	WSW	2	cm		30.15	+0.1	53	-3	WNW	4	eq	4	0.83	58	53	ormq	orm	po.be	0.0						
Pembroke (St. Ann's Hd.)		30.21	58	SW	4	r		30.23	+0.3	50	-8	N	3	bc	4	0.32	59	49	eq	ogmp	ogmd	0.0						
Newquay ... ..		30.22	57	S	2	c		30.22	+0.3	56	-1	N	2	o	3	0.32	64	55	bc	b.be	c.ow	4.7						
Scilly (St. Mary's) ... ..		30.20	58	SW	4	bcn		30.21	"	57	0	W	3	fe	3	0.03	61	56	bcn	bcn	omfe	6.1						
Jersey (St. Aubin) ... ..		30.31	59	SE	2	b		30.24	"	59	+4	W	3	og	3	0.01	63	52	cm.be	b	bcop	7.5						
Portland Bill ... ..		30.26	59	SW	4	b		30.16	+0.2	58	0	WSW	3	o	3	0.01	61	57	c	c.be	c.be	"						
Dungeness ... ..		30.28	58	SSW	5	c		30.11	"	58	+3	WNW	3	rg	3	0.08	60	54	c	c	c.or	"						
Dover ... ..		30.25	56	SSW	5	o		30.11	"	54	+1	NW	4	o	3	0.17	57	53	bc.b.be	bc.c.o	or	2.2						
Wick ... ..		29.85	50	SW	2	bc		29.99	+0.7	49	-5	NW	4	omq	3	0.04	58	45	of.be	em.be	omq	"						
Nairn ... ..		29.88	53	W	2	cg		30.04	"	51	-4	NNW	4	cu	3	0.08	60	48	d.be	b	bcp	3.7						
Aberdeen ... ..		29.92	53	SW	3	b		30.00	+0.6	51	-5	NW	4	bcp	3	0.17	59	46	or.og	e.b	b.be	1.9						
Leith ... ..		29.98	54	WSW	3	bc		30.02	+0.6	53	-4	W	2	c	"	0.04	59	51	orq	o.b	b.c	"						
North Shields ... ..		30.02	58	SSW	3	o		30.01	+0.2	52	-1	WSW	3	c	2	0.18	59	49	r	or	c.be	"						
Spurn Head ... ..		30.10	57	SSW	4	r		30.04	"	51	-3	WNW	6	b	5	0.06	57	"	om	or	or	0.0						
Yarmouth ... ..		30.21	56	SW	3	cm		30.07	"	50	0	W	1	bc	1	0.30	59	50	cm	bcn	ot.be	0.2						
Clacton-on-Sea ... ..		30.25	56	SSW	3	c		30.12	+0.1	54	0	NW	2	bc	1	0.27	58	54	o.c	c	c.or	0.0						
Nottingham ... ..		30.14	59	SW	3	o		30.12	"	47	-7	W	2	em	"	0.07	59	46	of	of	om	0.0						
Bath ... ..		30.23	59	SW	4	o		30.20	"	53	0	W	2	b	"	0.13	64	52	o	og	or.b	1.2						
London (Kew Obsy.) ... ..		30.25	58	S	1	c		30.17	+0.2	54	+7	NW	2	bcn	"	0.10	60	47	m.be	c.o.c	comr	0.9						
Spitzbergen ... ..		28.76	21	NNW	10	o		28.76	+0.1	19	+2	NNW	9	o	"	-	23	14	GALES.									
Isafjord ... ..		29.89	44	NW	3	c		29.60	-0.4	49	+17	SW	5	c	"	"	"	"	Duration and Extreme Force on British Coast.									
Reykjavik ... ..		29.98	45	N	1	o		29.77	-0.8	44	+5	ESE	3	r	"	"	"	"										
Vestmanna ... ..		29.94	49	N	7	b		29.85	-0.6	42	+9	NW	3	r	"	"	"	"										
Seydisfjord ... ..		29.85	38	SW	3	b		29.79	-0.7	36	+4	-	o	bc	"	"	"	"										
Thorshavn ... ..		29.70	50	W	2	o		29.96	+0.3	34	-17	-	o	bc	"	"	"	"										
Haparanda ... ..		29.31	37	SW	4	o		29.19	-0.4	29	-12	N	2	b	"	-	48	28										
Hernösand ... ..		29.51	48	-	o	o		29.28	"	45	-1	NNW	4	o	"	0.04	52	43										
Stockholm ... ..		29.85	46	WSW	4	r		29.36	-0.8	46	+4	WSW	4	r	"	0.04	48	41										
Wisby ... ..		30.08	48	WSW	8	o		29.51	-1.4	49	+2	WSW	9	o	"	0.35	52	45										
Karlstad ... ..		29.44	47	NW	2	bc		29.44	-0.7	47	+1	NW	2	bc	"	-	52	46										
Færder (X'ania Fjord)		29.82	52	SW	7	m		29.51	"	52	+2	WSW	4	c	3	0.08	39	34										
Bodö ... ..		29.47	37	WSW	4	o		29.15	-0.4	36	-8	NNW	4	c	3	0.08	39	34										
Christiansund ... ..		29.59	51	W	4	o		29.64	+0.5	44	-9	NNW	4	c	4	0.59	53	41										
Skudesnaes ... ..		29.78	53	W	6	r		29.69	"	42	-12	NW	4	c	5	0.87	54	41										
The Scaw (Skagen) ... ..		29.94	50	SW	4	m		29.59	-0.4	51	+6	W	5	c	2	0.08	52	43										
Blaavands Huk ... ..		30.11	52	SW	4	o		29.83	"	53	+4	WNW	3	m	3	0.20	54	"										
Cuxhaven ... ..		30.26	45	S	4	o		29.90	-0.4	47	+12	WSW	5	r	2	0.29	48	45										
The Helder ... ..		30.27	49	SSE	4	o		30.01	+0.1	57	-18	NW	6	b	"	0.39	57	39										
Brussels ... ..		30.32	48	SSE	2	o		30.10	-0.3	47	+4	SW	2	r	"	0.20	58	42										
Berlin ... ..		30.45	51	S	1	b		30.04	-0.5	40	+5	SW	2	o	"	-	46	35										
Frankfurt ... ..		30.43	48	SE	1	bc		30.19	-0.5	37	"	SW	2	m	"	-	56	36										
Munich ... ..		30.51	50	NNE	2	b		30.30	-0.4	31	-1	W	2	f	"	-	50	27										
C. Gris Nez ... ..		30.30	54	SSE	4	m		30.11	"	58	+12	WNW	4	r	4	0.20	59	45										
La Hève ... ..		30.30	56	SE	2	m		30.19	"	54	+7	SW	4	f	3	-	63	47										
Brest (St. Mathieu) ... ..		30.30	59	SE	3	c		30.29	+0.1	58	+3	WNW	2	o	3	-	64	55										
Lorient (Rec Melen) ... ..		30.23	57	SE	2	o		30.24	"	54	+2	NE	1	e	3	-	64	50										
Rochefort (Ile d' Aix)		30.28	57	-	o	c		30.28	+0.1	50	+2	SSE	1	f	"	-	72	48										
Biarritz ... ..		30.25	61	N	2	b		30.27	+0.1	55	0	S	1	b	2	-	68	54										
Paris ... ..		30.35	49	ESE	2	o		30.23	-0.2	44	+4	S	1	o	"	-	59	40										
Belfort ... ..		30.43	44	ESE	6	m		30.32	"	38	+2	W	5	o	"	-	51	30										
Lyons ... ..		30.39	47	-	o	b		30.30	"	36	-5	-	o	f	"	-	54	34										
Nice ... ..		30.31	54	-	o	b		30.23	-0.2	54	+1	-	o	b	3	-	63	46										
Perpignan ... ..		30.30	54	-	o	bc		30.26	-0.1	50	+2	W	2	c	"	-	68	45										
Sanguinaire ... ..		30.11	51	NE	4	o		30.13	"	58	-4	E	4	m	3	0.12	66	50										
Corunna (8 a.m.) ... ..		30.23	61	SW	2	b		30.29	"	50	-4	WNW	1	f	3	-	66	48										
Lisbon (9 a.m.) ... ..		30.18	70	NNW	4	b		30.19	+0.3	64	-1	N	3	b	5	-	77	59										
Gibraltar ... ..		30.19	66	E	3	o		30.19	"	66	+2	E	3	c	2	-	72	63										
Azores (Horta 8 a.m.)		29.67	67	S	5	o		29.70	+0.4	66	-2	SSW	4	b	4	0.16	68	61										
Madeira (Funchal) ... ..		30.09	76	E	2	o		30.09	+0.3	72	+2	E	2	b	2	-	77	64										

\* Information for these columns not usually received.

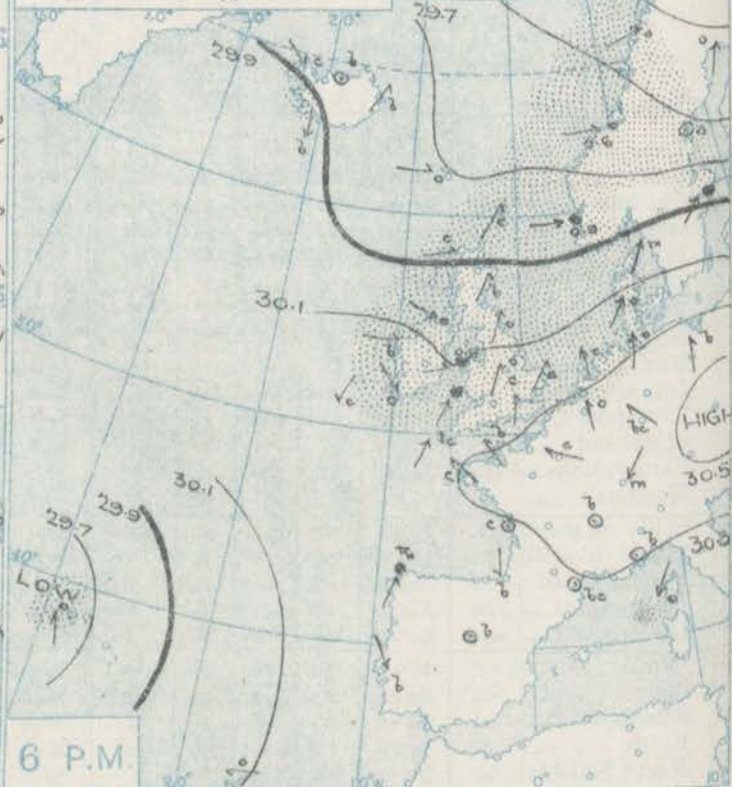
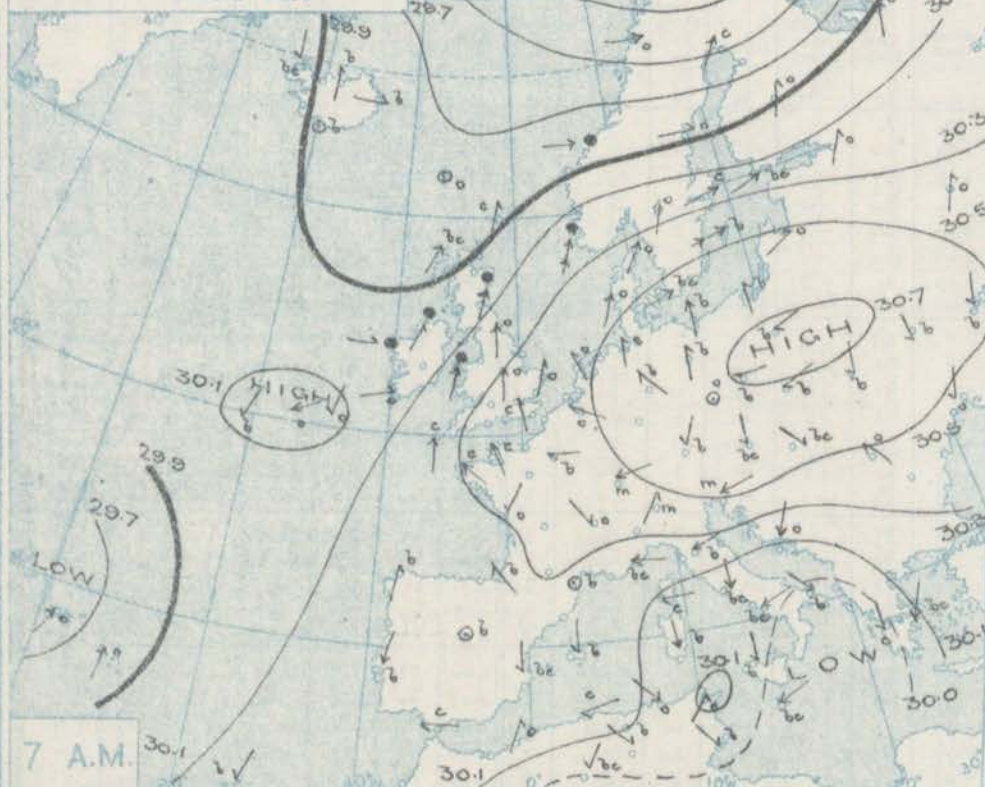
† Received too late for insertion in Charts.



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

SCALE  
NAUTICAL MILES  
STATUTE MILES

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



GENERAL INFERENCE

## WEATHER PROSPECTS.

A high pressure system spreading in from the Atlantic will occasion a cooler North-Westerly

to Northerly type of weather over the country generally.

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

0  
1  
2  
3  
4  
5

Wind between West and North, mainly light to moderate, but fresh and gusty at times locally, some passing showers in places, but generally fair to fine; 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 Cone.	South Cone.
North Cone.	North Cone.

No Warnings Issued.

6  
7  
8  
9  
10

Same as Nos. 0 to 5.

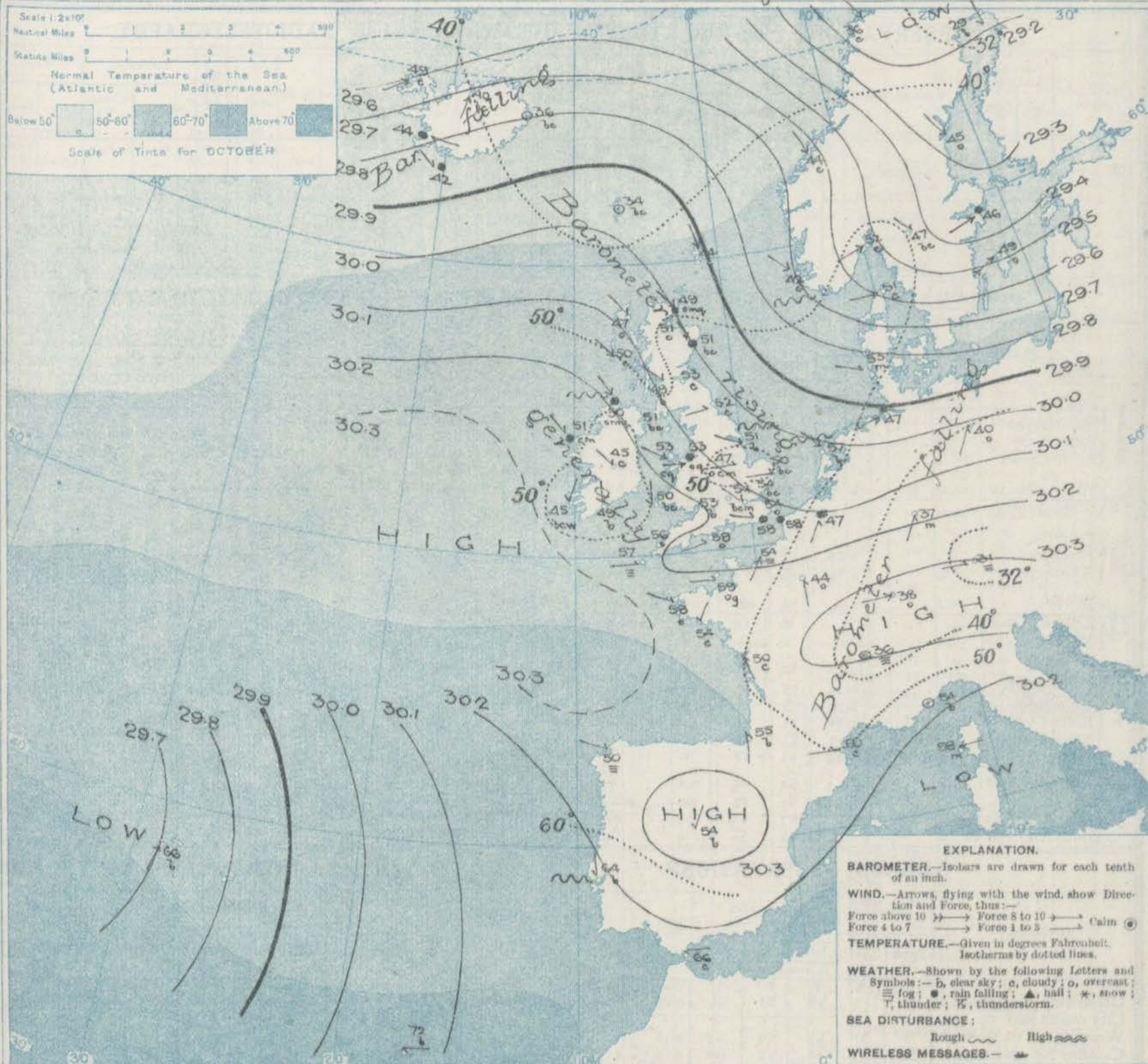
### 11 WESTERN CHANNEL AND BAY.

Light to moderate Westerly to Northerly breezes; sea slight to moderate; cloudy to fine, local fog in south; cool.

### THE FURTHER OUTLOOK.



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



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

Pressure is now highest, above 30.3 in, off our south-western coasts, eastern France and central Spain. In a deep depression between Spitzbergen and Lapland, the barometer is at 28½ in. The gradient is rather steep on the Arctic Sea and across Norway, moderate elsewhere.

Calms and light variable breezes prevail over southern Europe, elsewhere they are mostly westerly to northerly, as a rule light to moderate in force, but a strong gale is blowing at Spitzbergen. At the Rome stations temperature ranges from 44° at

Birr Castle and Valencia to 53° at Dungeness and Portland Bill, and 59° at Jersey; on the Continent from 31° at Munich and 36° at Bonn to 60° at Ushant, and 66° at Gibraltar; and in Iceland from 36° to 49°. At Spitzbergen the reading is 19°. Showers are reported at various home and foreign stations, and fog at Scilly, Harve and Corunna, but generally fair to fine weather prevails. The sea is rough off the Helder, and rather rough off the Humber and Malin Head.



## DAILY WEATHER REPORT.

Wednesday, 15th October, 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, 6 p.m.	49	18	Lapland	H	30.14	+0.2	ENE	4-5	bc						In.	In.		(0-12).	
" "	51	13	Dominion	H	30.08	+0.1	NE	1-3	c										
" Jan	49	20	Finland	O	30.13	+0.1	NNE	1-3	b										
" "	50	16	Dominion	H	30.00	+0.3	ENE	1-3	o										
" "	49	23	Lapland	H	30.09	+0.7	ENE	4-5	b										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	1.17	60	54	to.	c.	1.5	England, S.E.	Margate	In.	59	46	c	bc.c.	0.6
	Stonehaven								Ramsgate		57	48		c.c.	1.0
	Carnoustie								Folkestone		57	53	bc.b.o	c.c.	2.3
	St. Andrews								Hythe						2.8
Eng. N.E.	Harrogate	0.17	55	48	ot	ot	0.0	England, S.W.	Littlestone		60	52	bc.b.	bc.o	3.1
	Scarborough		56	50	ot	o	0.0		Hastings		60	54	bc	bc.c	2.6
England, N.W.	Douglas	0.55	57	53	ot	ot	0.0		Bexhill-on-Sea		60	55	o.bc	bc.o	1.0
	Blackpool	0.39	56	53	ot	ot	0.0		Eastbourne		59	50	c	o	0.7
	Southport								Seaford		60	54	o.c.	c.o	1.0
Mid-lands.	Buxton	0.16	60	49	c.ot	c	0.0		Brighton		62	53	c	c	1.3
	Leamington Spa		60	51	c.b	c.b	0.0		Worthing						1.8
	Malvern						0.0		Littlehampton		62	54	b.bc	bc	1.7
Wales.	Rhyl	0.12	59	55	to.	ot	0.0		Southsea		61	57	b.bc	o	2.5
	Colwyn Bay	0.23	58	56	bc.c.	cd	0.0		Ryde		64	57	*	*	1.3
	Llandudno	0.24	58	46	o	ot	0.0		Ventnor		64	55	o.c	o	2.3
	Bettws-y-Coed	0.38	58	54	ot	ot	0.0		Bournemouth		61	55	o.c	o	3.8
England, E.	Aberystwyth	0.15	60	55	o.c.o	ot	0.0		Weymouth		63	57	o.bc	bc	3.5
	Tenby	0.04	63	55	o	ot	0.0		Exmouth		66	57	c.bc	bc.c	3.0
	Lowestoft		59	49	o.c.o	o	0.4		Teignmouth		64	57	o	c.bc	3.3
	Felixstowe		59	52	cm	cm.o	0.2		Torquay		65	51	bc	bc	5.6
England, E.	Walton-on-Naze		57	52	cm.cm.	cm	0.0		Paignton		63	57	c.b	b	4.0
	Southend-on-Sea		62	50	o	bc	1.5		Falmouth		64	57	c.bc	bc	1.0
									Bude		64	55	o.c.o	o.c.o	1.0
									Ilfracombe		64	52	c.bc	bc	1.0
									Weston-super-Mare						

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.	STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.	
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.			
			Max.	Min.														Max.		Min.
24 HOURS ENDED 9 A.M. TO-DAY.																				
	%	%	F. °	F. °	F. °	In.				Hr.		In.	F. °	F. °	F. °				Hr.	
Greenwich (Royal Obs.) ...	72	77	62	53	46	0.12	c.o	o.c	o.ot.b	0.9	Dublin to 4 p.m.	0.09	61	56	54	c.ot	to	o.c	5.0	
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	0.3	Plymouth to 9 p.m.	-	63	57	51	o	c.b	c.b	*	
Westminster (St. James's Pk.)	73	81	62	54	48	0.13	o	o	o.ot.b	0.5	Darwen					o	o	o		
Camden Sq. (Brit. Rainfall)	67	78	63	52	48	0.19	o.c.	c.o.c	bc.ot.b	0.5	Manchester "		59	49	45		o	o		
Hampstead (Reservoir) ...	*	77	59	50	37	0.19	c	c	c.ot.b	0.5	Birmingham "	-	61	51	48	bc.o.	o.c.	c.o	1.1	
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.)	67	76	598 Joules.			155 Milliwatts.			47 Milliwatts.			0.4	S. Kensington (Museum Grounds to 6 p.m.)	-	61	50	40	o	o	o

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

15th & 16th Oct., 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 6.21 6.22	G.M.T. 11.33 11.39	G.M.T. 4.57 4.55
Greenwich	6.26 6.27	11.46 11.46	5.6 5.4
Wick	6.50 6.52	11.58 11.58	5.6 5.3
Valencia	7.8 7.9	12.27 12.27	5.46 5.44

Temperature touched 66° at Teignmouth, 65° at Paignton, and exceeded 60° in many other parts of the country. Rain fell generally, in small amounts as a rule, but over  $\frac{3}{4}$  in. at Holyhead. In many districts there was no bright sunshine; in others the records ranged upwards to  $7\frac{1}{2}$  hours at Jersey. As far west as the 21st meridian ships experienced light North-Easterly breezes, and fine to dull weather.

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

Thursday,  
16th October, 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.				
		At 32° Fabr. and M.S.L., Lat. 46°.	Dry Bulb.	F.	W.				At 32° Fabr. and M.S.L., Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						F.	W.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	After'n. 1 p.m. to 6 p.m.	
Vardø ... ..		29.16	29	W	6	b	29.31	+0.6	27	-3	NW	6	c	3	?	30	27	*	*	*	*			
Lerwick ... ..		30.04	46	SW	2	o	30.06	00	51	+7	SSW	3	o	1	0.02	51	44	c	c.o	epice	Hours			
Stornoway ... ..		30.16	49	W	4	c	30.07	-0.3	50	+3	SW	5	og	4	0.01	52	47	cp	cp	og	3.2			
Castlebay (Barra Isd.)		30.20	51	WNW	2	o	30.09	-0.3	52	+2	S	4	o	5	0.02	53	48	c.b.c	b.c.c	c	4.2			
Glasgow ... ..		30.21	49	W	3	b	30.24	-0.2	48	-1	SSW	2	o	*	trace	55	44	b.b.c	c.b.c	b.b.c	8.2			
Malin Head ... ..		30.26	50	W	2	o	30.11	-0.7	47	-3	S	6	c	4	-	54	45	omv	omv	gg	*			
Blacksod Point ... ..		30.27	52	WNW	1	b.c	30.10	-0.6	54	+4	S	4	og	2	0.03	55	43	om.b.c	b.c	b.c	*			
Valencia ... ..		30.29	51	-	o	b.v	30.16	-0.3	57	+12	SE	5	cb	4	-	59	45	b.v	b.v	b.c	9.2			
Roche's Point ... ..		30.32	54	NW	1	b	30.27	*	55	+6	S	4	o	4	0.01	60	48	b	b	b.w.c	*			
Birr Castle ... ..		30.29	51	NW	1	c	30.22	*	43	-2	S	1	b.c	*	-	52	39	c.o	c.o	b.c	2.4			
Donaghadee ... ..		30.22	51	N	2	c	30.21	-0.3	48	-3	SSW	2	b.c	1	-	56	46	c	c	c.b.c	*			
Liverpool Obsy. ... ..		30.26	54	WNW	3	b.c	30.29	00	50	-3	SW	2	o	2	0.05	55	50	cp	b.c	o	2.1			
Holyhead ... ..		30.26	54	WNW	2	og	30.26	-0.2	51	-2	S	1	ov	1	0.01	55	48	op.b.c	c.c	c.b.c	0.1			
Pembroke (St. Ann's Hd.)		30.29	50	N	1	c	30.30	-0.1	47	-3	E.N.E.	2	b.c	2	trace	57	47	b.c	c	c	3.0			
Newquay ... ..		30.28	54	N	2	b	30.30	00	45	-11	S	1	b.w	2	-	57	39	b.c.b.c	b.c	b.c	7.0			
Scilly (St. Mary's) ... ..		30.29	52	E.N.E.	2	b.v	30.26	-0.2	53	-4	S.S.E.	3	b.c	3	-	59	49	b.c.v	b.c.v	b.c	4.7			
Jersey (St. Aubin) ... ..		30.26	57	NNW	2	b	30.33	*	46	-13	N	1	b.m	1	0.03	63	43	og.m	og.c.b.c	b.m	1.3			
Portland Bill ... ..		30.27	56	N	2	b	30.33	+0.2	53	-5	N.E.	3	b.c	3	-	61	50	b.c	b.c	b.c	*			
Dungeness ... ..		30.20	56	NW	2	b.c	30.30	+0.3	52	-6	NW	2	o	1	0.02	60	51	b.c	b.c	og	*			
Dover ... ..		30.20	54	NW	1	o	30.30	*	52	-2	N	3	o	3	trace	60	48	o.b.c	b.c.c	o.c.o	6.7			
Wick ... ..		30.12	49	NW	1	c	30.13	-0.2	47	-2	SW	2	b.c	2	0.12	50	44	og.m	og.m	og.m	*			
Nairn ... ..		30.16	46	W	1	c	30.14	*	43	-8	-	o	b	1	-	53	41	b.c	c	c.b.c	0.9			
Aberdeen ... ..		30.18	51	NW	2	o	30.19	-0.1	43	-8	SW	1	og	2	-	54	40	b.c	c	og.c	2.8			
Leith ... ..		30.19	52	W	2	b.c	30.22	-0.1	50	-3	WSW	2	og	*	-	59	47	b.b.c	og.c	c	*			
North Shields ... ..		30.20	54	N.E.	1	o	30.28	00	44	-8	W	1	o	2	-	58	42	c.o	c.o	og.c	*			
Spurn Head ... ..		30.19	54	NNW	4	c	30.28	00	50	-1	WSW	2	om	4	-	57	?	c	c	b.c	2.4			
Yarmouth ... ..		30.15	55	NW	2	om	30.31	+0.2	50	o	NW	2	b.c	2	-	58	48	b.c.v	om	b.c.v	4.7			
Clacton-on-Sea ... ..		30.17	55	WNW	2	og	30.31	+0.5	47	-7	NW	2	b.c	o	-	59	47	b.c	b.c	og.b.c	5.8			
Nottingham ... ..		30.21	55	NW	3	o	30.32	*	38	-9	WSW	1	f	*	-	57	38	om.o	o	o.c	0.5			
Bath ... ..		30.25	55	W	1	o	30.35	*	39	-14	N.E.	2	b	*	-	60	38	b.b.c	b.o	o.c.b	5.6			
London (Kew Obsy.) ... ..		30.24	55	NW	1	o	30.33	+0.3	50	-4	NW	1	om	*	-	58	50	b.c.m	b.c.c	om	4.1			
Spitzbergen ... ..		29.02	20	NNW	8	o	29.36	+0.5	19	o	NNW	7	c	*	-	20	18	*	*	*				
Isafjord ... ..		29.16	46	SW	9	r	29.31	+0.5	37	-12	-	o	b.c	*	-	*	*	*	*	*				
Reykjavik ... ..		29.39	46	S	5	r	29.34	+0.1	38	-6	-	o	c	*	-	*	*	*	*	*				
Vestmanna ... ..		29.49	46	SW	5	o	29.36	-0.2	39	-3	-	o	c	2	-	*	*	*	*	*				
Seydisfjord ... ..		29.44	43	-	o	c	29.38	+0.1	47	+11	-	o	c	*	-	*	*	*	*	*				
Thorshavn ... ..		29.89	47	W	5	r	29.80	-0.2	50	+16	WSW	5	o	*	-	*	*	*	*	*				
Haparanda ... ..		29.38	32	N	6	b	29.76	+0.9	27	-2	NW	2	b	*	-	39	23	*	*	*				
Hernösand ... ..		29.65	37	NNW	8	b	30.00	+0.6	35	-10	NW	2	b	*	-	48	32	*	*	*				
Stockholm ... ..		29.71	39	NW	4	b	30.08	+0.8	35	-11	WNW	2	b	*	0.16	52	32	*	*	*				
Wisby ... ..		29.71	48	N	8	b.c	30.10	+1.2	42	-7	N	6	b	*	0.08	54	41	*	*	*				
Karlstad ... ..		29.88	37	-	o	b	30.17	+0.6	32	-15	-	o	b.c	*	-	54	27	*	*	*				
Færder (X'lania Fjord)		29.88	50	-	o	b.c	30.11	+0.2	49	-3	S	4	c	*	-	54	45	*	*	*				
Bodö ... ..		29.67	24	WNW	4	c	29.82	?	35	-1	SW	1	b.c	1	?	37	32	*	*	*				
Christiansund ... ..		29.93	43	NW	3	o	29.94	-0.1	46	+2	SW	2	o	4	0.16	46	39	*	*	*				
Skudesnaes ... ..		30.04	45	NNW	4	c	30.18	+0.1	46	+4	-	o	b	2	-	46	42	*	*	*				
The Scaw (Skagen) ... ..		29.89	50	E	3	b.c	30.15	+0.4	48	-3	S.S.E.	2	b.c	o	-	54	39	*	*	*				
Blaavands Huk ... ..		30.01	50	NW	6	b.c	30.23	+0.8	50	-3	NW	3	o	3	trace	55	48	*	*	*				
Cuxhaven ... ..		30.04	52	NW	4	c	30.24	+0.6	50	+3	NW	1	o	o	-	55	47	*	*	*				
The Helder ... ..		30.13	56	WNW	4	o	30.32	+0.4	54	-3	NNW	2	o	2	trace	57	48	*	*	*				
Brussels ... ..		30.21	45	-	o	b.c	30.27	+0.4	49	+2	SE	1	o	*	0.16	60	45	*	*	*				
Berlin ... ..		30.01	48	S	1	o	30.23	+0.8	49	+9	NW	3	og	*	trace	50	41	*	*	*				
Frankfurt ... ..		30.19	45	SW	1	f	30.36	+0.4	46	+9	SW	1	og	*	0.20	46	37	*	*	*				
Munich ... ..		30.21	45	WSW	2	o	30.35	+0.7	43	+12	NW	2	f	*	-	46	31	*	*	*				
C. Gris Nez ... ..		30.19	57	NW	3	o	30.31	+0.4	55	-3	N	4	c	3	0.08	61	55	*	*	*				
La Hève ... ..		30.22	55	N	3	c	30.32	*	54	o	N.E.	2	m	1	-	61	50	*	*	*				
Brest (St. Mathieu) ... ..		30.29	59	NW	2	f	30.30	80	50	-8	SE	3	b.c	3	-	63	50	*	*	*				
Lorient (Rec. Molen) ... ..		30.19	61	NW	3	o	30.23	*	52	-2	E	2	b	4	-	61	48	*	*	*				
Rochefort (Ile d'Aix) ... ..		30.25	61	NW	3	b.c	30.24	+0.1	57	+7	N.E.	3	o	*	-	66	50	*	*	*				
Biarritz ... ..		30.26	61	NW	3	b	30.23	-0.2	58	+3	SSW	3	c	2	-	64	55	*	*	*				
Paris ... ..		30.20	55	-	2	o	30.32	+0.5	41	-3	-	o	f	*	0.04	56	41	*	*	*				
Belfort ... ..		30.24	45	-	o	m	30.32	*	44	+6	E.N.E.	4	og	*	0.04	48	38	*	*	*				
Lyons ... ..		30.25	50	-	o	o	30.26	*	?	?	NW	?	og	*	-	53	36	*	*	*				
Nice ... ..		30.10	5																					

GALES.  
Duration and Extreme Force  
on British Coasts.

\* Information for these columns not usually received.

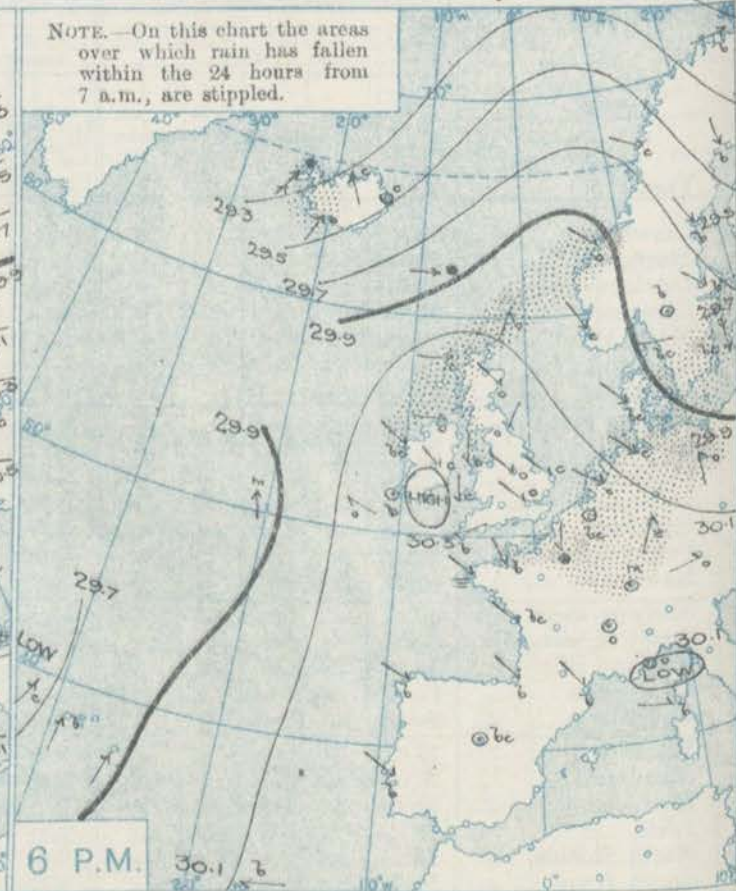
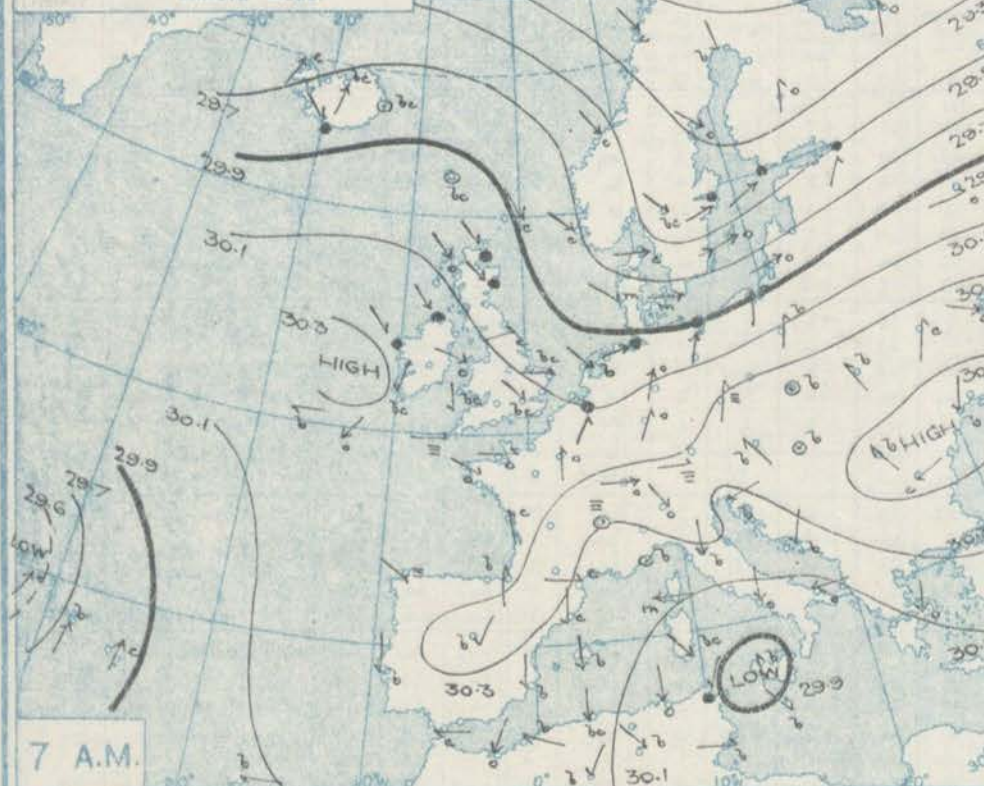
† Received too late for insertion in Charts.



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



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 new depression is approaching our western coasts, and it is likely to occasion increasing Southerly winds and less settled weather in the west and north,

affecting England to some extent later.

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

0 {  
a  
b

South-Westerly to Southerly winds, increasing; fair or fine at first, then less settled, some rain; cool.

1

2 {  
a  
b

3

4 {  
a  
b

5

Light variable Northerly breezes, South-Westerly to Southerly later and freshening somewhat; fine, some mist or fog, then dull, with showery tendency; cool.

### FORECAST DISTRICTS.



### STORM WARNINGS.

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

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

No Warnings Issued.

6 {  
a  
b

7 {  
a  
b

8 {  
a  
b

9 {  
a  
b

10 {  
a  
b

Same as Nos. 0 to 2.

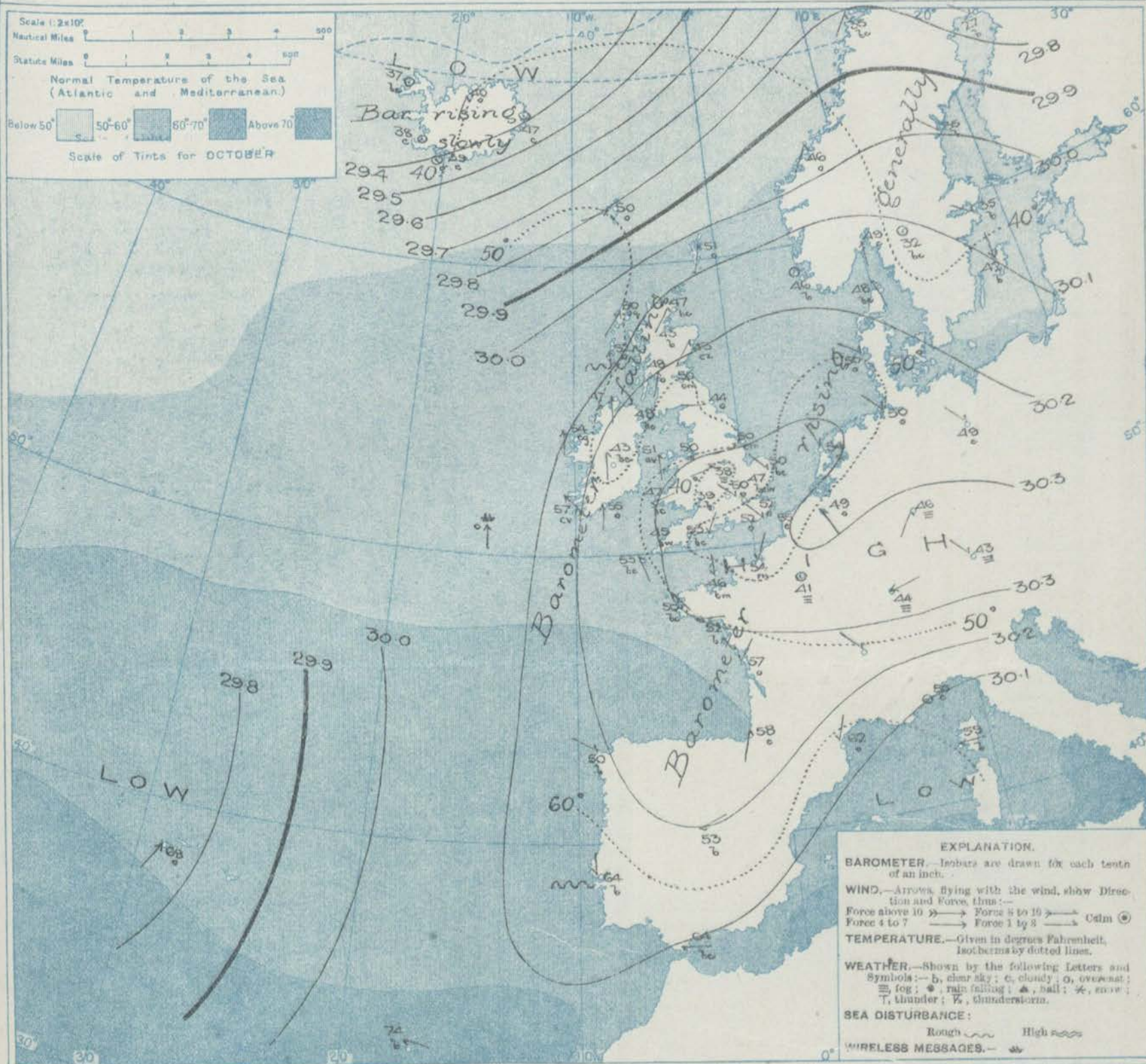
### 11 WESTERN CHANNEL AND BAY.

Light to fresh South-Westerly and Southerly breezes; sea smooth to moderate; fine to dull, some mist or fog, showers later; cool.

## THE FURTHER OUTLOOK.



SYNOPTIC CHART FOR 7 A.M. Thursday, 10<sup>th</sup> OCTOBER 1913.



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

A new anticyclone has moved in from the Atlantic, and its central space, with the barometer above 30.3 in., now extends from Wales to Bavaria. In depressions over the Arctic Sea the barometer is at about 29.3 in. The gradient is slight over England generally, considerable between Norway and Iceland.

South-Westerly and Southerly breezes prevail over our western and northern districts, elsewhere the direction is very variable. A strong breeze is reported at Malin Head and Wisby, but as a rule the force is light. Over the British Isles

temperatures ranges from 38° at Nottingham and 39° at Bath to 55° at Roche's Point, and 57° at Valencia, on the Continent from 27° at Kaparanda, and 32° at Karlstad to 62° at Perpignan, and 64° at Gibraltar; and in Iceland from 37° to 47°, at Spitzbergen the reading is 19°. Fair to very fine weather prevails extensively, but a misty or foggy atmosphere at various home and continental stations. The sea is slight to very smooth on nearly all coasts.



## DAILY WEATHER REPORT.

Thursday, 16th October, 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.	
16th. 7 a.m.	51	14	Adriatic	H	29.90	00	S	4-5	o	15th. 7 a.m.	50	24	Adriatic	H	29.82	-03	E	4-5	o
15th. 6 p.m.	50	20		H	29.84	+02	SSE	4-5	m		50	17		H	29.19	00	E	1-3	b
" "	51	13	Lymric	H	30.22	+01	ESE	1-3	o	" "	50	17	Lymric	H	30.20	+01	ENE	4-5	o
" "	54 48	8 50	H.M.S. Dryad, 56, with 100 ft. Sea Temperature, 58°, Sea Displacement, 2. Fine, wind increasing slightly.	O	30.27	-	SW	3	b	" "	49	13	Lepland	H	30.20	+01	ENE	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	0.03	56	50	c.b.c.	b.c.	4.3	Ramsgate	0.21	59	53	b	b.c.c.b.c.	5.7
Stonehaven							Folkestone	0.25	58	53	b.c.c.	c.o.	6.0
Carnoustie							Hythe	0.11	60	54	b.c.c.	c.o.	6.0
St. Andrews		58	47	b	b	6.6	Littlestone						5.5
England, N.E.							Hastings	0.05	60	54	b.c.c.	b.c.c.	6.1
Harrogate	0.01	56	45	c.o.	c.b.c.	0.6	Bexhill-on-Sea	0.05	61	56	b.c.c.	b.c.c.	5.4
Scarborough		58	46	c.b.	c.b.	4.4	Eastbourne	0.04	63	57	b.c.c.	b.c.c.	6.1
England, N.W.							Seaford	0.03	60	52	b	b	5.8
Douglas	0.05	57	52	c	c	4.2	Brighton	0.03	61	56	b.c.	c.b.c.	5.7
Blackpool	0.05	57	52	c	c	4.2	Worthing	0.03	64	54	b.c.c.	b.c.	6.7
Southport	0.09	56	52	b.c.	c.b.c.	2.7	Littlehampton	0.02					6.5
England, Mid.							Southsea	0.01	61	56	c.b.c.	b.c.	7.0
Buxton	0.30	53	46	c.r.	b.c.	2.3	Rydé		60	57	b	b	6.5
Leamington Spa	0.07	57	46	a.b.	o	1.2	Ventnor	0.01	64	53			7.5
Malvern						5.0	Bournemouth	0.01	62	55	b.c.c.	b.c.c.	7.4
Wales.							Weymouth		62	55	b.c.c.	b.c.c.	7.7
Rhyl	0.06	55	52	b.c.	b.c.	2.7	Exmouth		61	56	b	b	8.5
Colwyn Bay	0.02	57	51	b.c.c.	b.c.c.	0.8	Teignmouth		64	57	b.c.c.	b	7.7
Llandudno	0.06	58	50	c.	c.o.	1.3	Torquay		62	57	b.c.	b	7.4
Bettws-y-Coed	0.08	57	45	o.g.	o.g.	0.8	Paignton		64	47	b.c.c.	b	6.2
Aberystwyth	0.29	60	54	b.c.c.	c.o.	1.2	Falmouth		62	53	a.b.c.	b.c.	8.7
Tenby	0.09	57	50	b.c.c.	o	3.5	Bude	0.16	60	54	b.c.	b.c.	4.2
England, E.							Ilfracombe	0.20	58	54	b.c.c.	c.o.c.	4.2
Lowestoft	0.32	57	50	b.c.	c.o.c.	4.5	Weston-super-Mare	0.05	60	52	b	b.c.c.	7.0
Felixstowe	0.21	61	52	b.c.	b.c.c.	5.9							
Walton-on-Naze	0.21	59	53	b.m.b.	b.c.c.	5.7							
Southend-on-Sea	0.21	62	53	b.c.	b	6.0							

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain- fall.	WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To-day.	Max.	Min.		Fore- noon.	After- noon.	Night.	
Greenwich (Royal Obs.)	69	85	58	50	47	b.c.	c.o.	c.o.	4.1
City (Bunhill Row)									4.1
Westminster (St. James's Pl.)	73	86	60	52	48	b.c.	b.c.	b.c.	3.7
Camden Sq. (Brit. Rainfall)	68	88	62	50	49	b.c.c.	c.b.c.	c.b.c.	3.4
Hampstead (Reservoir)		80	60	48	42	b.c.	b.c.	b.c.c.	4.2
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.)			524 Joules.		136 Milliwatts.		41 Milliwatts.		3.7

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		Max.	Min.	Night.	Fore- noon.	
Dublin to 4 p.m.		56	46	44	b.c.	c.o.
Plymouth to 9 p.m.		61	51	44	b.w.	c.b.
Darwen	0.03	55	47	43	o.r.	o.r.
Manchester	0.02	56	48		o.r.	c.o.
Birmingham	0.13	56	47	40	o.r.	c.o.
Oxford to 8 p.m.		57	50	41	a.b.w.	b.w.c.
Richmond Park						
S. Kensington (Museum Grounds to 6 p.m.)	0.13	59	53	40	o.r.c.b.	b.c.c.

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

16th & 17th Oct., 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 6.22 6.23	G.M.T. 11.34 11.38	G.M.T. 4.55 4.53
Greenwich	6.27 6.28	11.46 11.45	5.4 5.2
Wick	6.52 6.54	11.58 11.57	5.3 5.1
Valencia	7.9 7.10	12.27 12.26	5.44 5.42

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to between 60° and 64° in many parts of England, but did not exceed 50° at Wick. Slight showers fell in a few neighbourhoods. The duration of bright sunshine ranged from less than an hour at a few stations to more than 9 hours on the Kerry coast. As far west as the 22nd meridian ships experienced light to moderate easterly to southerly breezes, with fine to misty weather.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; 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,  
17th October, 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. 48°.	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'o. 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.				
Vardo ...	29.49	28	NW	6	o	29.30	-0.9	29	+2	WSW	4	6	3	?	30	23	*	*	*				
Lerwick ...	29.85	51	SSE	5	o	29.72	-0.3	54	+3	S	4	em	5	0.02	57	49	c	comp	comp				
Stornoway ...	29.86	54	SW	7	org	29.78	+0.2	57	+7	SW	7	og	6	0.01	58	48	c.cq	org	odq				
Castlebay (Barra Isd.)	29.94	56	S	5	op	29.83	0.0	57	+5	SSW	4	ap	5	0.01	58	50	c.cq	op	b				
Glasgow ...	30.13	53	SSW	4	o	30.01	-0.2	55	+7	S	4	og	*	0.02	57	48	c.cq	bcq	op				
Malin Head...	29.99	57	SSW	6	bc	29.85	-0.1	58	+11	SW	6	bc	5	-	60	46	bcq	bcq	bcq				
Blacksod Point	29.97	59	SSW	5	orm	29.85	-0.1	58	+4	SSW	5	cqg	4	0.01	63	53	comp	comp	eq				
Valencia ...	30.09	61	S	4	o	29.95	-0.1	58	+1	SSE	4	em	4	0.08	63	56	com	com	em				
Roche's Point ...	30.16	58	SSW	4	r	30.05	-	58	+3	S	4	r	4	0.17	58	55	odf	f	of				
Birr Castle ...	30.11	57	S	1	c	29.99	-	59	+16	S	1	c	*	trace	62	42	bc	bc	cc				
Donaghadee ...	30.11	55	SSW	3	c	30.03	-0.3	56	+8	SSW	3	c	2	-	56	47	c	c	c.bc				
Liverpool Obsy. ...	30.25	52	S	2	b	30.15	-0.3	45	-5	SE	3	b	2	-	58	44	bm	b	b				
Holyhead ...	30.20	55	SSW	5	cqg	30.10	-0.1	56	+5	SSW	5	og	4	-	57	51	c.cq	c.bc	c.cq				
Pembroke (St. Ann's Hd.)	30.24	56	SSW	4	bc	30.13	-0.3	55	+8	S	5	bm	4	trace	58	47	bc	c	bc				
Newquay ...	30.26	52	SSE	2	b	30.15	-0.2	46	+1	SE	1	bm	2	-	59	44	b	b	b.bw				
Scilly (St. Mary's) ...	30.23	55	SSE	3	b	30.13	-0.1	55	+2	SSE	3	bm	3	-	60	52	b	b	bm				
Jersey (St. Aubin) ...	30.30	58	NE	2	bm	30.23	-	53	+7	ESE	3	em	2	-	65	45	cm.b	bm	em				
Portland Bill ...	30.30	57	SE	1	b	30.21	-0.2	57	+4	SSE	3	b	2	-	62	54	b	b	b.bc				
Dungeness ...	30.33	56	-	0	b	30.28	+0.3	53	+1	S	3	c	4	-	59	50	c.c	c.b	bc				
Dover ...	30.32	53	SE	1	by	30.27	-	52	0	SSW	2	bcg	2	-	60	46	c.bc	bc	bc				
Wick ...	29.89	54	S	4	c	29.82	+0.2	57	+10	SSW	4	c	4	-	58	46	bcq	bcq	eq				
Nairn ...	29.96	54	WSW	4	c	29.84	-	59	+16	SSW	3	c	3	-	59	41	b.bc	cq	q.bc				
Aberdeen ...	30.03	54	SSW	4	c	29.94	+0.1	59	+16	WSW	2	c	2	-	59	42	bcq	bcq	c.bc				
Leith ...	30.12	54	WSW	2	c	30.01	-0.2	58	+8	WSW	3	og	*	-	58	49	c.bc	bc.c	o				
North Shields ...	30.20	51	SSW	2	c	30.10	0.0	48	+4	SW	3	og	2	-	56	43	c	cq	bcg				
Spurn Head ...	30.25	54	SSW	3	bc	30.23	0.0	48	-2	SSW	4	em	4	trace	58	?	bm	bm	bm				
Yarmouth ...	30.31	56	S	2	bc	30.26	-0.2	48	-2	-	0	f	1	-	58	48	bc	bc	bm f				
Clacton-on-Sea ...	30.31	56	WSW	1	b	30.26	0.0	53	+6	SSW	2	f	0	-	60	47	bcw	c.bc	bc				
Nottingham ...	30.28	49	SSW	1	b	30.20	-	40	+2	W	1	f	*	-	58	37	f.m.b	bm	bm				
Bath ...	30.31	51	S	1	b	30.24	-	40	+1	NE	2	o	*	-	62	35	b	b	bm				
London (Kew Obsy.) ...	30.32	53	SW	1	bm	30.27	0.0	42	-8	-	0	f	*	-	60	38	comp	bm	bm				
Spitzbergen ...	29.49	12	NNW	4	b	29.43	0.0	10	-9	NNW	4	b	*	-	19	9	*	*	*				
Isafjord ...	29.66	35	N	9	o	29.43	+0.1	31	-6	N	2	bc	*	-	*	*	*	*	*				
Reykjavik ...	29.44	43	ESE	3	c	29.82	+0.4	35	-3	NNE	8	b	*	-	*	*	*	*	*				
Vestmanna ...	29.33	42	-	0	bc	29.66	+0.4	35	-4	-	0	b	1	-	*	*	*	*	*				
Seydisfjord ...	29.36	44	NE	1	c	29.76	+0.6	34	-13	-	0	s	*	-	*	*	*	*	*				
Thorshavn ...	29.47	54	SSW	7	r	29.47	-0.1	52	+2	WSW	4	m	*	-	*	*	*	*	*				
Haparanda ...	29.81	31	NW	2	b	29.30	-1.2	41	+14	W	4	o	*	0.16	41	32	*	*	*				
Hernösand ...	29.95	38	-	0	b	29.63	-1.0	44	+9	W	2	b	*	-	45	34	*	*	*				
Stockholm ...	30.13	39	SW	2	o	29.88	-0.6	45	+10	WSW	4	o	*	-	45	35	*	*	*				
Wisby ...	30.24	45	SW	4	c	30.08	-0.3	50	+8	WSW	6	o	*	-	50	39	*	*	*				
Karlstad ...	30.12	40	-	0	b	29.97	-0.6	50	+18	SSW	2	c	*	-	52	30	*	*	*				
Færder (X'ania Fjord)	30.10	49	WSW	2	b	29.98	-0.1	52	+3	SW	6	m	3	-	52	48	*	*	*				
Bodö ...	29.56	41	ESE	2	r	29.17	-0.8	40	+5	ESE	4	r	2	0.99	41	34	*	*	*				
Christiansund ...	29.84	50	W	2	o	29.60	-0.1	53	+7	SW	5	r	5	0.24	53	46	*	*	*				
Skudesnaes ...	30.14	51	S	4	o	30.00	-	53	+7	S	6	f	4	0.08	53	46	*	*	*				
The Scaw (Skagen) ...	30.17	49	NW	4	b	30.12	-0.1	50	+2	SW	4	m	1	-	50	46	*	*	*				
Blaavands Huk ...	30.33	51	SW	1	o	30.28	0.0	53	+3	WSW	3	o	2	-	54	48	*	*	*				
Cuxhaven ...	30.36	50	S	1	o	30.32	-0.4	46	-4	SW	2	o	0	-	54	45	*	*	*				
The Helder ...	30.37	47	S	1	b	30.30	-0.1	41	-13	S	2	f	2	trace	59	37	*	*	*				
Brussels ...	30.36	48	SE	1	b	30.31	-0.2	44	-5	SE	1	b	*	-	62	41	*	*	*				
Berlin ...	30.37	51	S	1	o	30.34	0.0	46	-3	W	1	c	*	-	52	45	*	*	*				
Frankfurt ...	30.34	48	S	1	o	30.34	+0.1	47	+1	SE	1	m	*	-	55	41	*	*	*				
Munich ...	30.40	45	E	4	o	30.40	0.0	39	-4	NE	4	f	*	-	50	36	*	*	*				
C. Gris Nez ...	30.33	54	ESE	1	b	30.32	0.0	47	-8	SSE	3	m	1	-	61	46	*	*	*				
La Hève ...	30.31	55	NE	2	m	30.25	-	46	-8	SSE	3	bc	2	-	59	43	*	*	*				
Brest (St. Mathieu) ...	30.28	59	SE	2	b	30.19	+0.2	51	+1	ESE	2	m	2	-	64	50	*	*	*				
Lorient (Rec Melen) ...	?	58	E	3	bc	?	-	49	-3	E	3	m	3	-	64	46	*	*	*				
Rochefort (Ile d'Aix) ...	30.23	57	ESE	3	b	30.17	-0.1	47	-10	E	3	b	*	-	70	46	*	*	*				
Biarritz ...	30.19	61	N	1	b	30.08	-0.3	52	-6	E	3	b	1	-	63	52	*	*	*				
Paris ...	30.36	49	E	2	o	30.28	+0.1	41	0	NE	2	f	*	-	51	40	*	*	*				
Belfort ...	30.32	49	ESE	3	o	30.31	-	45	+1	ESE	4	o	*	-	52	42	*	*	*				
Lyon ...	30.31	53	-	0	o	30.27	-	45	-2	-	0	b	*	-	56	42	*	*	*				
Nice ...	30.16	54	NE	1	b	30.16	-0.1	56	+1	NE	1	b	3	-	66	52	*	*	*				
Perpignan ...	30.18	59	W	2	b	30.18	0.0	47	-15	SW	1	b	*	-	69	44	*	*	*				
Sanguinaire ...	30.07	63	N	3	b	30.07	-	59	0	E	3	b	0	-	?	?	*	*	*				
Corunna (S.a.m.) ...	30.15	68	WNW	1	b	30.04	0.0	58	+8	SSW	1	b	2	-	72	50	*	*	*				
Lisbon (S.a.m.) ...	30.07	63	E	2	bc	30.10	-	64	0	E	4	bcw	1	-	71	62	*	*	*				
Gibraltar ...	29.82	64	WSW	3	b	29.84	+0.1	61	-7	N	1	bc	2	-	70	61	*	*	*				
Azores (Horta S.a.m.)	30.06	65	S	2	b	30																	

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

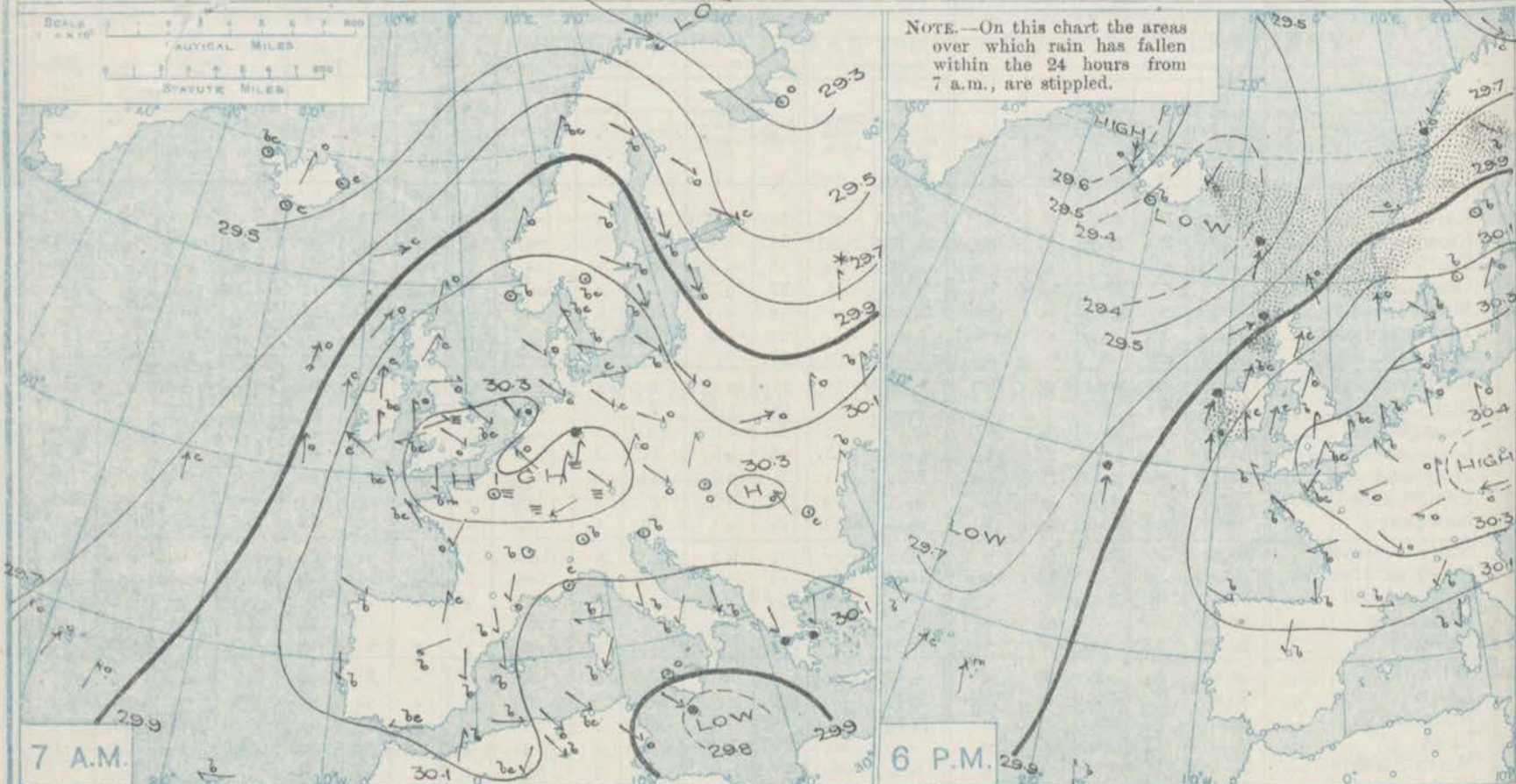
## GALES.

Duration and Extreme Force  
on British Coasts.

Stornoway. 11 p.m. - 5 a.m.  
Extreme S.W. 8.  
Malin Head. 11 p.m. - 11 a.m.  
Extreme S.W. 8.  
1 a.m.  
Squall, 9.  
Wick. 7 p.m. - 9 p.m.  
Extreme S.W. 8.



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



## GENERAL INFERENCE

## WEATHER PROSPECTS.

The variations in the distribution of pressure are slight, and there are no

indications of an important modification in the general weather conditions.

## FORECASTS FOR THE 24 HOURS NOON FRIDAY

## TO NOON SATURDAY.

- 0 { S.W. breezes, fresh or strong at times locally; some showers, fair intervals; mild.
- 1 {

- 2 { light S. and S.W. breezes;
- 3 { much mist or fog, but fair to fine periods; cool.

- 4 {
- 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.

Cones hoisted at 2.35pm. yesterday.

- 6 { Same as Nos. 0 & 1.

- 7 { light to fresh S. and S.W. breezes; fair to fine, local showers, mist or fog; moderate temperature.
- 8 {

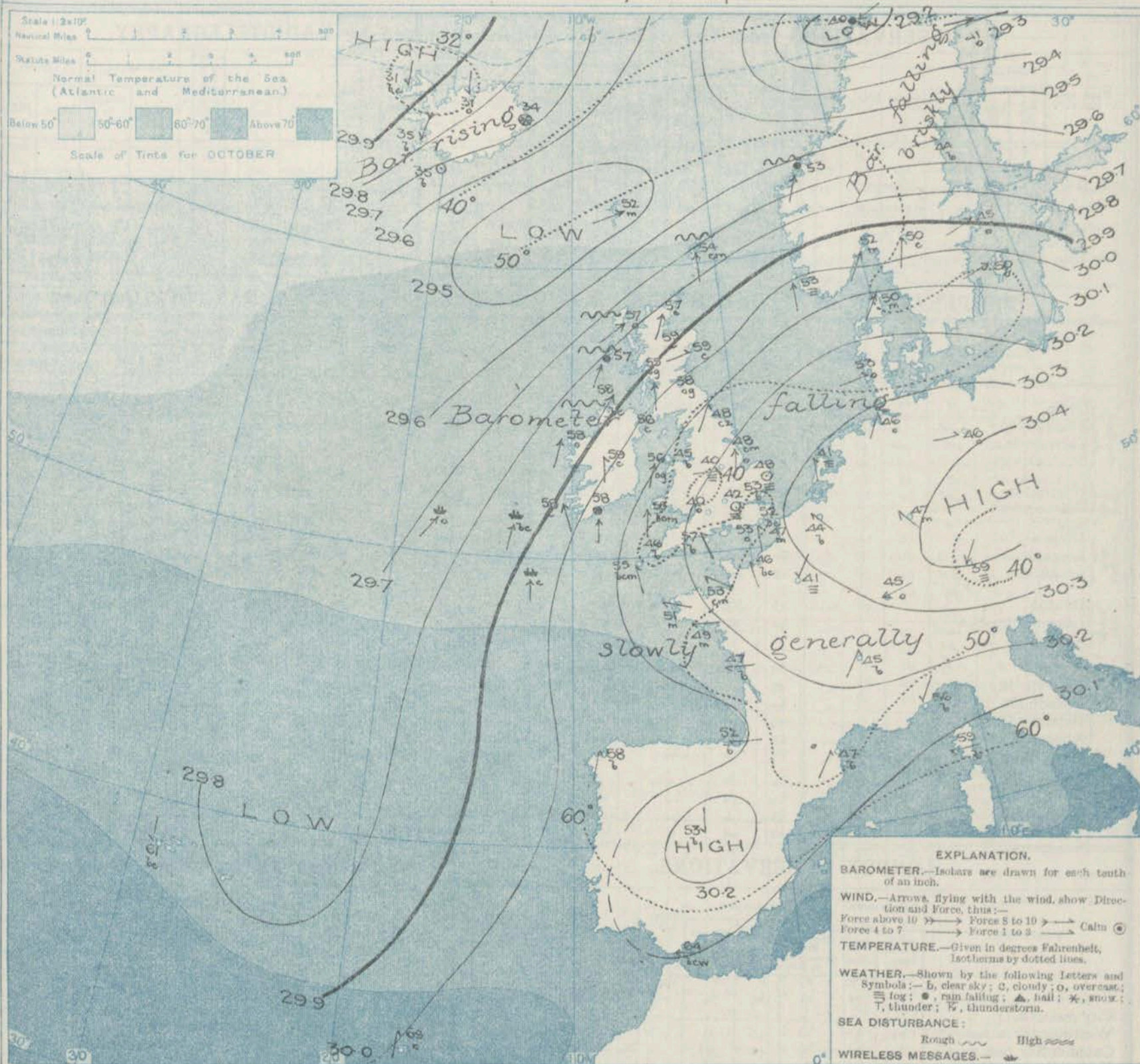
- 9 { S. and S.W. winds, fresh strong at times locally; some showers, fair intervals; mild.
- 10 {

- 11 WESTERN CHANNEL AND BAY. light to moderate S.E. and S. breezes; slight or moderate sea; fine generally, some mist or fog; cool.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Friday, 17<sup>th</sup> OCTOBER 1913.



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

Pressure is now highest over Central Europe, 30.4 in. at Munich. In a depression between Scotland and Iceland the barometer is below 29½ in., and in another over Northern Norway it is below 29.2 in. The gradient is considerable over Ireland, Scotland and the northern regions, slight over England and the Continent.

Winds from between South and West prevail over the greater part of the region under observation, varying from a light to a strong or high wind. At the home stations temperature ranges from 40° at Bath and Nottingham, and 42° at New

Observatory to 58° or 59° in Ireland and Scotland; on the Continent from 29° at Vardø, and 39° at Munich to 58° at Borunna, and 64° at Gibraltar; and in Iceland from 31° to 35°. At Spitzbergen the reading is 10°. Fair to fine weather prevails extensively, but with mist or fog at a number of home and foreign stations. Rain is falling at Rochie Point, Bostbelly and on the Norwegian coast, snow in the east of Iceland. A rough or rather rough sea is running round the north of Scotland, elsewhere it is moderate to very smooth.



## DAILY WEATHER REPORT.

Friday, 17th October, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- H Homeward	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- H Homeward	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Direc.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Direc.	Force.	
17th, 7 a.m.	51	17	Olympic	0	29.72	-0.02	SW	4-5	0	16th, 6 p.m.	55	8	Hesperian	H	29.90	+0.05	SSW	6-7	0
" "	51	13	Haverford	0	29.81	-0.05	SSW	6-7	bc.	" 7 a.m.	49	23	New York	H	29.76	0.00	S	6-7	0
" "	49	12	New York	H	29.92	-0.01	S	6-7	c	" "	56	13	Hesperian	H	29.73	+0.05	SSW	8-9	0
16th, 6 p.m.	49	18	Adon	H	29.77	-0.05	S	6-7	r	" "	55	10	Corsican	0	29.80	-0.08	SSW	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	—	56	45	c.b.c.	c.o.	2.0	Margate	—	—	61	53	b.b.c.	bc.	6.7	
	Stonehaven	—	—	—	—	—	—	Ramsgate	—	—	61	50	—	bc.	4.5	
	Carnoustie	—	—	—	—	—	—	Folkestone	0.02	—	62	52	c.b.c.	bc.	—	
	St. Andrews	—	—	—	—	—	—	Hythe	—	—	—	—	—	—	—	
Eng. N.E.	Harrogate	—	52	39	c.o.	c.b.c.	1.2	Littlestone	—	—	60	51	c.b.c.	b	4.1	
	Scarborough	—	57	47	c.b.	c.b.	5.8	Hastings	—	—	59	52	c.b.c.	b.b.c.	3.0	
England, N.W.	Douglas	—	—	—	—	—	—	Bexhill-on-Sea	—	—	59	52	c.b.c.	b.b.c.	2.7	
	Blackpool	—	56	48	c.o.	bc.c.	5.6	Eastbourne	—	—	59	52	c.b.c.	bc.	1.0	
	Southport	—	58	49	c.b.c.	bc.b.	6.0	Seaford	—	—	60	50	c	c	0.6	
Mid- lands.	Buxton	—	53	37	bc	bc	5.0	Brighton	—	—	62	52	c.b.c.	b.b.c.	3.5	
	Leamington Spa	—	60	38	b	b	7.5	Worthing	—	—	59	51	bc	bc	2.6	
	Malvern	—	—	—	—	—	9.3	Littlehampton	—	—	—	—	—	—	3.3	
Wales.	Rhyl	—	59	45	bc.c.	bc	6.4	Southsea	—	—	60	49	b.b.c.	c.o.	4.4	
	Colwyn Bay	—	58	48	bc.b.	b	5.8	Ryde	—	—	59	52	bc	bc	5.0	
	Llandudno	—	60	46	b	b	6.8	Ventnor	—	—	63	49	—	—	5.3	
	Bettws-y-Coed	—	57	47	—	—	5.5	Bournemouth	—	—	63	43	b	b	8.8	
	Aberystwyth	—	59	48	c.b.	b.b.c.	8.0	England, S.W.	Weymouth	—	—	63	46	b	b	9.7
Tenby	—	59	54	b.b.c.	b	7.2	Exmouth		—	—	62	40	b	b	9.0	
England, E.	Lowestoft	—	60	48	c.o.c.b.c.	bc.c.b.c.	3.6		Teignmouth	—	—	62	41	b	b	8.0
	Felixstowe	—	60	45	bc	bc	5.1		Torquay	—	—	63	44	bc	b	7.1
	Walton-on-Naze	—	58	46	b.b.c.	c.b.c.	3.7		Paignton	—	—	62	39	bc	b	8.2
	Southend-on-Sea	—	62	49	b	b	7.5		Falmouth	—	—	61	45	b.c.b.	b	9.4
		—	—	—	—	—	—		Bude	—	—	62	38	b.w.b.	b	9.4
		—	—	—	—	—	Ilfracombe		—	—	62	44	b	b.b.c.	9.0	
		—	—	—	—	—	Weston-super-Mare		—	—	60	40	b	b	9.3	

## 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.				Mo.				
Greenwich (Royal Obs.) ...	74	98	62	39	30	—	bc	bc.b	b.f	3.4	Dublin to 4 p.m.	—	59	42	40	c.b.w	bz	bc	9.1		
City (Banhill Row) ...	*	*	*	*	*	*	*	*	*	2.3	Plymouth to 9 p.m.	—	63	40	33	bc	bz	bc	3.6		
Westminster (St. James's Pl.)	65	95	63	45	39	—	bc	bc	b.f	4.9	Darwen	—	54	46	41	bc.o	abc.	bc			
Camden Sq. (Brit. Rainfall)	71	100	60	42	40	—	bc.c	b.m	b.m.w	1.2	Manchester	—									
Hampstead (Reservoir) ...	*	98	57	44	28	—	b.c.f	b.c.f	b.c.f	1.3	Birmingham	—	57	43	24	—	b	b	8.5		
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.)	56	93	558 Joules.		146 Milliwaits.		38.5 Milliwaits.		4.4		S. Kensington (Museum Grounds to 6 p.m.)	Trace	63	51	43	b.c.oz	cz.bc	b.c.bz			

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

17th & 18th Oct., 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.23 6.25	11.39 11.38	4.53 4.51
Greenwich	6.28 6.30	11.45 11.45	5.2 5.0
Wick	6.54 6.56	11.57 11.57	5.1 4.58
Valencia	7.10 7.12	12.26 12.26	5.42 5.40

## NOTES ON YESTERDAY'S WEATHER.

Temperatures from 60° to 65° were registered in many parts of England and Ireland. Light showers fell in the extreme north and west. Generally the bright sunshine records were good, 9 hours or more in several neighbourhoods. As far west as the 25th meridian ships experienced Southerly and South Westerly winds, moderate to a gale, with cloudy, dull weather, and some rain. A South-Westerly gale was felt at some northern stations in the night.

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

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



1913.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday  
18th October, 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.	F.	Dir.				At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dir.	Morn'g. 7 a.m. to 1 p.m.	After'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.				
Varde ... ..	29.27	30	WNW	4	0	0	29.48	+0.5	27	-2	NW	6	0	5	-	30	23							
Lerwick ... ..	29.74	56	WSW	6	0	0	29.66	+0.3	53	-1	WSW	5	0	6	0.07	59	52	0	0	0	0			
Stornoway ... ..	29.80	58	SW	7	0	0	29.77	0.0	54	-3	SW	6	0	5	0.12	58	54	0	0	0	0			
Castlebay (Barra Isd.)	29.84	57	S	4	0	0	29.77	-0.2	53	-4	S	4	0	5	0.04	58	53	0	0	0	0			
Glasgow ... ..	30.01	56	SSW	3	0	0	29.92	-0.2	52	-3	SW	4	0	5	-	57	49	0	0	0	0			
Malin Head ... ..	29.82	59	SW	5	0	0	29.81	-0.2	53	-5	SW	4	0	3	-	64	52	0	0	0	0			
Blacksod Point ... ..	29.79	62	S	6	0	0	29.81	+0.3	58	0	SW	3	0	3	0.04	64	55	0	0	0	0			
Valencia ... ..	29.84	57	SSE	5	0	0	29.87	+0.2	58	0	S	2	0	4	0.14	63	56	0	0	0	0			
Roche's Point ... ..	29.98	57	S	4	0	0	29.93	0.0	58	0	SSW	3	0	4	0.05	58	56	0	0	0	0			
Birr Castle ... ..	29.93	55	SSE	4	0	0	29.90	0.0	55	-4	SE	1	0	4	-	62	51	0	0	0	0			
Donaghadee ... ..	29.98	56	SSW	3	0	0	29.93	0.0	51	-5	SSW	2	0	2	-	60	49	0	0	0	0			
Liverpool Obsy. ... ..	30.07	53	SE	3	0	0	30.01	-0.2	44	-1	SSE	2	0	2	-	59	43	0	0	0	0			
Holyhead ... ..	30.05	56	SSW	2	0	0	29.97	-0.1	56	0	SSW	3	0	2	-	60	54	0	0	0	0			
Pembroke (St. Ann's Hd.)	30.04	56	S	5	0	0	30.00	-0.1	56	+1	SSW	5	0	4	0.04	59	54	0	0	0	0			
Newquay ... ..	30.04	52	SE	3	0	0	30.02	+0.2	55	+9	S	2	0	2	-	59	46	0	0	0	0			
Scilly (St. Mary's) ... ..	30.03	56	SSE	4	0	0	29.99	-0.1	57	+2	S	3	0	4	-	60	53	0	0	0	0			
Jersey (St. Aubin) ... ..	30.13	57	ESE	3	0	0	30.12	0.0	56	+3	SE	3	0	3	-	59	49	0	0	0	0			
Portland Bill ... ..	30.15	55	SE	3	0	0	30.09	+0.1	57	0	SW	3	0	3	-	59	54	0	0	0	0			
Dungeness ... ..	30.19	55	E	1	0	0	30.11	-0.1	56	+3	SW	2	0	2	-	58	50	0	0	0	0			
Dover ... ..	30.15	55	ESE	2	0	0	30.10	0.0	53	+1	SW	2	0	4	-	58	48	0	0	0	0			
Wick ... ..	29.82	58	SW	4	0	0	29.75	+0.1	53	-4	SW	3	0	4	-	60	52	0	0	0	0			
Nairn ... ..	29.84	57	SW	1	0	0	29.81	0.0	54	-5	SW	3	0	2	-	64	52	0	0	0	0			
Aberdeen ... ..	29.90	58	SSW	2	0	0	29.84	0.0	47	-12	S	1	0	2	-	63	46	0	0	0	0			
Leith ... ..	30.00	58	W	3	0	0	29.89	-0.2	50	-8	WSW	1	0	2	-	63	47	0	0	0	0			
North Shields ... ..	30.04	58	SSW	1	0	0	29.97	0.0	43	-5	SSW	1	0	2	-	62	42	0	0	0	0			
Spurn Head ... ..	30.12	55	S	2	0	0	30.04	-0.2	47	-1	SW	3	0	2	0.04	58	47	0	0	0	0			
Yarmouth ... ..	30.17	54	S	1	0	0	30.09	0.0	47	-1	WSW	2	0	1	-	60	47	0	0	0	0			
Clacton-on-Sea ... ..	30.17	56	ESE	3	0	0	30.09	-0.2	54	+1	SSW	2	0	2	-	59	50	0	0	0	0			
Nottingham ... ..	30.13	49	S	1	0	0	30.06	0.0	38	-2	WSW	1	0	2	-	58	36	0	0	0	0			
Bath ... ..	30.15	53	SSE	1	0	0	30.09	0.0	46	+6	0	0	0	2	-	58	40	0	0	0	0			
London (Kew Obsy.) ... ..	30.16	50	S	1	0	0	30.10	0.0	47	+5	0	0	0	2	-	59	39	0	0	0	0			
Spitzbergen ... ..	29.54	6	N	3	0	0	29.61	+0.2	9	-1	N	3	0	2	-	10	3	0	0	0	0			
Isafjord ... ..	29.73	36	W	2	0	0	29.50	0.0	37	+6	0	0	0	2	-	3	0	0	0	0	0			
Reykjavik ... ..	29.84	38	N	3	0	0	29.57	-0.6	37	+2	0	0	0	2	-	3	0	0	0	0	0			
Vestmanna ... ..	29.78	36	N	1	0	0	29.60	-0.7	38	+3	W	5	0	1	-	3	0	0	0	0	0			
Seydisfjord ... ..	29.78	34	E	1	0	0	29.58	-0.1	39	+5	SW	3	0	2	-	3	0	0	0	0	0			
Thorshavn ... ..	29.48	34	SW	5	0	0	29.67	+0.7	42	-10	0	0	0	2	-	3	0	0	0	0	0			
Haparanda ... ..	29.24	35	N	6	0	0	29.66	+0.5	22	-19	N	2	0	2	-	46	19	0	0	0	0			
Hernösand ... ..	29.46	54	S	2	0	0	29.53	-0.8	41	-3	NE	4	0	2	0.08	55	39	0	0	0	0			
Stockholm ... ..	29.74	53	W	6	0	0	29.71	-0.4	53	+8	WSW	4	0	2	-	55	45	0	0	0	0			
Wisby ... ..	29.91	52	WSW	6	0	0	29.55	-0.1	52	+2	SW	4	0	2	-	54	46	0	0	0	0			
Karlstad ... ..	29.82	53	SW	6	0	0	29.76	0.0	52	+2	SW	4	0	2	-	54	48	0	0	0	0			
Færder (Xlantia Fjord)	29.84	53	SW	6	0	0	29.78	-0.1	53	+1	SW	6	0	3	-	54	52	0	0	0	0			
Bodö ... ..	29.55	36	N	4	0	0	29.53	-0.5	32	-8	ENE	2	0	1	0.35	41	30	0	0	0	0			
Christiansund ... ..	29.67	49	W	2	0	0	29.47	0.0	51	-2	W	8	0	5	0.12	54	48	0	0	0	0			
Skudesnaes ... ..	29.95	54	0	0	0	0	29.89	-0.1	54	+1	SW	4	0	3	-	54	52	0	0	0	0			
The Scaw (Skagen) ... ..	29.99	53	WNW	7	0	0	29.92	-0.2	53	+3	WSW	6	0	2	-	55	48	0	0	0	0			
Blaavands Huk ... ..	30.19	54	WSW	2	0	0	30.08	-0.2	53	0	SW	2	0	1	-	55	52	0	0	0	0			
Cuxhaven ... ..	30.25	47	S	2	0	0	30.13	-0.2	39	-7	SW	1	0	0	-	57	37	0	0	0	0			
The Helder ... ..	30.21	45	SSE	1	0	0	30.11	-0.1	46	+5	SSE	2	0	1	0.04	59	37	0	0	0	0			
Brussels ... ..	30.21	43	ESE	1	0	0	30.16	+0.1	38	-6	SW	1	0	2	-	60	36	0	0	0	0			
Berlin ... ..	30.30	47	W	1	0	0	30.22	-0.1	36	-10	S	1	0	2	-	54	36	0	0	0	0			
Frankfurt ... ..	30.26	50	NE	1	0	0	30.27	-0.1	38	-1	W	2	0	2	-	50	34	0	0	0	0			
Munich ... ..	30.28	43	NE	2	0	0	30.12	-0.1	47	0	S	3	0	2	-	63	41	0	0	0	0			
C. Gris Nez ... ..	30.17	53	SSE	3	0	0	30.14	0.0	47	+1	S	2	0	2	-	55	45	0	0	0	0			
La Hève ... ..	30.15	51	E	3	0	0	30.06	0.0	59	+8	S	3	0	3	-	61	51	0	0	0				

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

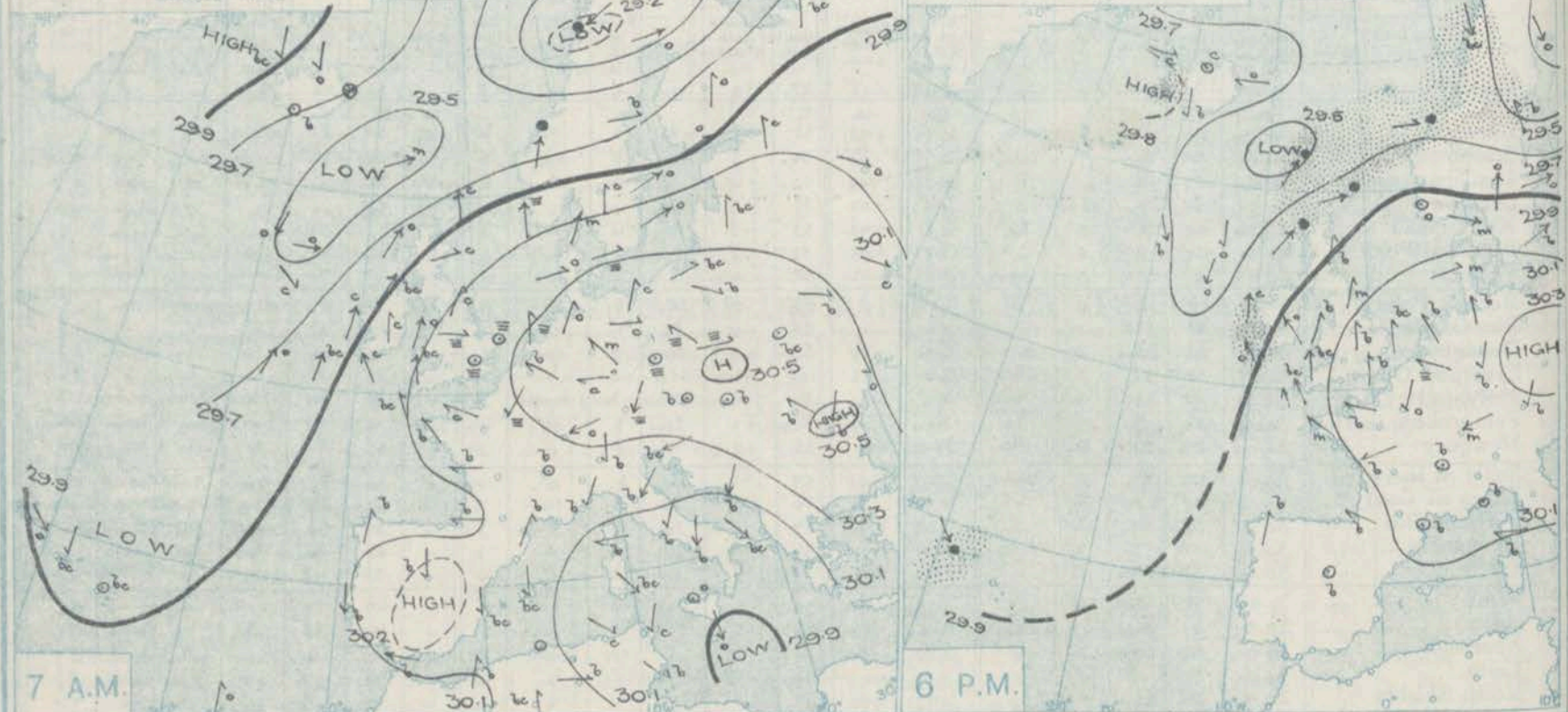
## GALES.



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



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



## GENERAL INFERENCE

There are no indications of the immediate approach of any deep disturbance from the westward, and the general distribution of

## WEATHER PROSPECTS.

pressure is likely to undergo little change during the ensuing 24 hours.

## FORECASTS FOR THE 24 HOURS NOON SATURDAY

0 { S.W. winds, light to fresh; changeable, some showers; mild.

1 { light or moderate winds, mainly S.W.; fair generally; mild.

2 { light winds from the S.W.

3 { mostly fair, mist or fog locally, especially at night; temperature

4 { undergoing no important change.

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.

Cones re-hoisted at 7.15 pm. yesterday.

## TO NOON SUNDAY.

Same as Dec. 0

6 { S. and S.W. winds, light or moderate; mostly fair, dull occasionally, some mist locally; mild.

9 { S. and S.W. winds, light to moderate or fresh; some showers in west, mostly fair in east; mild.

10 {

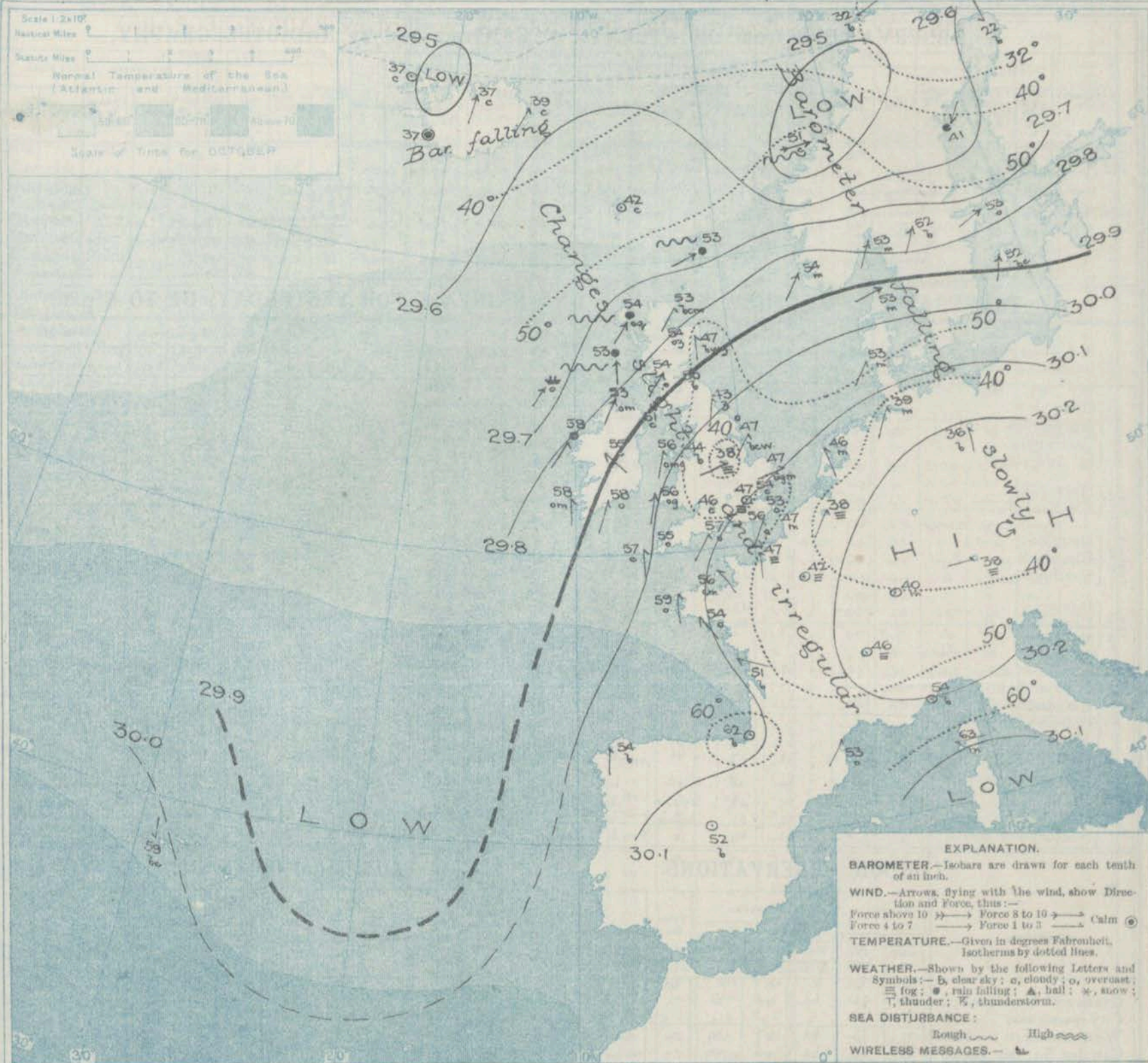
## 11 WESTERN CHANNEL AND BAY.

S. to S.W. winds, light or moderate; sea slight; some mist, otherwise fair.

## THE FURTHER OUTLOOK.



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



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

Pressure is above 30.2 in. in a large anticyclone centred over Germany, below 29.5 in. in a depression in the northwest of Norway, in another system about the North Cape, and in a third in the northwest of Iceland.

The wind blows a gale from the S.W. at Christiansund, and a strong breeze from S.W. on the Skager Rack, while a fresh to strong S.W. breeze prevails also in Shetland and the Hebrides. Over

these islands generally the wind is light to moderate from the S.W. or S.W. Temperature has fallen in Scotland, risen in the south of England. In now ranges over the United Kingdom from 58° on the west and south coasts of Ireland to 44° at Liverpool, and to 38° at Nottingham. Rain is falling at some stations in the extreme northwest and north of these islands, and a good deal of cloud is reported in the west and north generally. In the east and south the sky is clearer, but mist or fog prevails locally. Fog or mist is also reported over a large area on the Continent.



## DAILY WEATHER REPORT.

Saturday, 18th October, 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.	51	14	Baltic	O	29.76	-0.4	SSE	1-3	0	17th, 6 p.m.	49	7	New York	H	30.03	+0.2	SSE	6-7	0
" "	55	10	Bartholomew	H	29.67	-0.2	SW	4-5	0	" 7 a.m.	56	19	Megantic	H	?	?	NNE	4-5	0
17th, 6 p.m.	56	19	Borsican	O	29.79	+0.4	NW	6-7	6	" "	54	17	Bartholomew	H	29.53	+0.4	NW	1-3	0
" "	55	14	Bartholomew	H	29.69	+0.4	NNE	4-5	0	" "	56	15	Borsican	O	29.47	-0.6	W	6-7	0
" "	56	13	Megantic	H	29.62	+0.2	N	1-3	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.	c.b.c.	b.b.c.	Hr.	Margate	In.	F.	F.	b	b	8.5
(Oban	-	61	51			4.4	Ramsgate	-	59	48			8.6
Stonehaven	-						Folkestone	-	59	52	b.b.c.	b	8.6
Carnoustie	-						Hythe	-					
St. Andrews	-	61	52	o	b.c.	1.8	Littlestone	-					8.1
England, N.E.							Hastings	-	60	51	o.b.c.	b	7.5
(Harrogate	-	60	44	b	b	7.7	Bexhill-on-Sea	-	61	52	b.c.b.	b	8.2
Scarborough	-	62	44	c.b.	c.b.	7.2	Eastbourne	-	60	48	b	b	8.0
England, N.W.							Seaford	-	59	46	b	b	7.0
(Douglas	-	61	43	c.b.c.	b.c.	8.2	Brighton	-	59	48	c.b.c.	b	6.7
Blackpool	-	61	42	b	b	8.0	Worthing	-	61	48	b.c.b.	b	7.5
Southport	-						Littlehampton	-					6.6
Mid-lands.							Southsea	-	59	52	c.b.c.	b.c.	3.6
(Buxton	-	55	42	b	b	7.9	Ryde	-	58	50	b.c.	b	4.0
Leamington Spa	-	59	36	b.c.	c.b.	3.9	Ventnor	-	60	52	*	*	5.0
Malvern	-					7.5	Bournemouth	-	56	42	c.o.	c.o.	1.9
Wales							Weymouth	-	58	44	b.c.	b.c.	3.0
(Rhyl	-	62	47	b	b	9.3	Exmouth	-	61	40	c.b.c.	b	6.6
Colwyn Bay	-	62	52	b	b	8.7	Teignmouth	-	61	39	f.b.c.	b.b.c.	5.7
Llandudno	-	60	47	b	b	9.0	Torquay	-	60	44	b	b.c.	6.2
Bettws-y-Coed	-						Paignton	-	61	38	b	b	6.4
Aberystwyth	-	61	48	b	b.b.c.	8.5	Falmouth	-	60	52	w.b.	b.c.	7.8
Tenby	0.08	63	47	o.b.c.	b	5.5	Bude	-	62	39	w.b.c.	b	7.5
England, E.							Ilfracombe	-	61	48	b	b.b.c.	8.8
(Lowestoft	-	60	48	o.b.c.	b.c.	5.7	Weston-super-Mare	-	59	46	b	b.b.c.	6.0
Felixstowe	-	59	42	b.c.b.	b	8.4							
Walton-on-Naze	-	59	51	b.c.b.	b	7.7							
Southend-on-Sea	-	63	50	b	b	8.6							

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sunshine for Yesterday.	STATIONS.	Rain-fall.	TEMPERATURE.			WEATHER.			Sunshine for Yesterday.
	p.m. Yesterday.	9 a.m. To-day.	Max.	Min.	Min. on Grass.		Forenoon.	Afternoon.	Night.				Max.	Min.	Min. on Grass.	Night.	Forenoon.	Afternoon.	
Greenwich (Royal Observatory) ...	65	93	61	41	26	-	b	b	b.o	7.6	Dublin to 4 p.m.	-	63	51	48	b.c.	b.c.	b.c.	*
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	5.2	Plymouth to 9 p.m.	-	60	46	39	c.b.	c.b.	c.b.	7.4
Westminster (St. James's Park) ...	71	83	62	47	39	-	b.c.	b.c.	b.c.	5.8	Darwen	-	58	42	37	b.c.	b.c.	b.c.	7.1
Camden Sq. (Brit. Rainfall) ...	66	88	62	44	40	-	o.b.c.	b.b.c.	b.c.o	5.7	Manchester	-							
Hampstead (Reservoir) ...	*	85	59	46	29	-	b.c.	b.c.	b.c.o	5.2	Birmingham	-	58	42	32		b	c	5.8
Kew. (See front page.)											Oxford to 8 p.m.	-	58	44	37	b.m. of	of an.	an.	6.0
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.											S. Kensington (Museum Grounds to 6 p.m.)								
Total.			Mean Rate.			Max. Rate.					Trace			60			47		
708 Joules.			186 Milliwaits.			37.5 Milliwaits.					60			47			36		
S. Kensington (Roof of M.O.)			67			91					60			47			36		

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

18th & 19th Oct., 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	6.25 6.26	11.38 11.38	4.51 4.50
Greenwich	6.30 6.31	11.45 11.45	5.0 4.59
Wick	6.56 6.58	11.57 11.57	4.58 4.56
Valencia	7.12 7.12	12.26 12.26	5.46 5.38

Temperature rose to a little above 60° in many parts of the Kingdom; and in most places it remained rather high at night. Over central England, however, the minimum temperature was below 40°, as low as 36° at Nottingham, where slight frost occurred at night. Slight frost was also registered on the grass in the neighbourhood of London. Rain fell at several places in the extreme west and north, but not in large amounts. Bright sunshine was very general in England and Wales; at Rhyl the record was 9.3 hours and at Llandudno 9 hours.

NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; i, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain; s, snow; t, thunder; u, ugly, threatening sky; v, visibility; w, unusual transparency; x, dew; y, 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  
19th October 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).	Direc.			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.	
Vardö ... ..	29.61	24	WNW	2	o	29.82	+0.7	26	-1	N	6	o	4	?	28	23	*	*	*	*	
Lerwick ... ..	29.66	50	SSE	1	odm	29.67	0.0	49	-4	SSE	2	om	2	0.06	54	48	c	epodm	opq,om	*	
Stornoway ... ..	29.70	55	SW	6	opq	29.58	-0.8	55	+1	SSW	7	ora	6	0.16	56	47	odq	odc,opq	c,om	0.0	
Castlebay (Barra Isd.)	29.77	56	WSW	5	op	29.64	-0.9	55	+2	SE	4	d	5	0.20	56	51	or.op	op	op,ed	0.0	
Glasgow ... ..	29.89	55	SW	2	od	29.74	-0.6	54	+2	S	3	o	*	0.04	56	52	o	o	a.o	0.0	
Malin Head ... ..	29.79	58	SW	6	o	29.54	-1.0	56	+3	SW	7	omq	6	0.01	61	51	lom	og	ogpy	*	
Blacksod Point ... ..	29.81	58	SW	2	orm	29.46	-0.9	56	-2	SW	3	cpm	2	0.21	60	55	a.cg	egpm	cpm	*	
Valencia ... ..	29.81	58	SSE	3	agm	29.51	-0.6	59	+1	S	3	or	4	0.65	59	57	agm	amd	orm	0.0	
Roche's Point ... ..	29.91	57	S	4	o	29.61	*	59	+1	S	5	o	5	-	60	57	o	om	om	*	
Birr Castle ... ..	29.87	59	SSE	1	c	29.59	*	58	+3	SE	2	o	*	0.01	61	55	c	c	op	0.1	
Donaghadee ... ..	29.85	58	SSW	2	c	29.69	-0.3	52	+1	SSW	4	c	4	0.02	59	51	c	bcp	bcp.c	*	
Liverpool Obsy. ... ..	30.00	56	SW	2	o	29.84	-0.4	48	+4	SE	3	b	3	-	56	44	b.o	o	bce.b	2.8	
Holyhead ... ..	29.97	57	SW	3	agm	29.75	-0.2	56	0	S	6	bm	5	-	58	56	adpom	om	abcm	0.0	
Pembroke (St. Ann's Hd.)	29.98	57	SSW	4	o	29.79	-0.6	57	+1	SSE	5	bca	5	-	59	46	cg	cg	og	0.0	
Newquay ... ..	30.00	57	SSE	3	o	29.80	-0.2	56	+1	SE	4	b	2	-	59	56	o	c.o	cbcm	0.2	
Scilly (St. Mary's) ... ..	29.97	56	S	3	bc	29.77	-0.3	57	0	S	5	bm	5	Trace	60	55	bc	bc	bmbm	0.2	
Jersey (St. Aubin) ... ..	30.09	59	SE	2	b	29.97	*	56	0	SSE	4	bcm	3	-	61	55	b	b	bmm	7.9	
Portland Bill ... ..	30.07	58	SW	3	c	29.93	-0.4	58	+1	SE	4	b	3	-	60	55	c.bc	c.bc	bc.c	*	
Dungeness ... ..	30.11	56	S	3	o	30.05	+0.3	51	+5	S	3	ag	4	-	59	51	o.c.o	o.b.c.o	o.c	*	
Dover ... ..	30.08	55	SW	3	bc	30.01	*	50	-3	S	2	o	3	-	58	48	o.c.o	o.b.c	bc.c.o	0.7	
Wick ... ..	29.71	55	SW	3	c	29.64	-0.4	55	+2	SSW	3	cm	3	-	60	53	bcm	cmq	cmq.c	*	
Nairn ... ..	29.72	58	SW	5	c	29.65	*	57	+3	W	1	o	2	0.03	60	53	o	bca	o.c.p	1.0	
Aberdeen ... ..	29.80	55	SW	1	b	29.74	-0.3	56	+9	S	2	o	2	-	62	47	bz.b	b.bz	b.b.c	4.8	
Leith ... ..	29.87	57	W	2	o	29.76	-0.3	56	+6	SW	2	o	*	-	59	49	o	og.ad	ad	*	
North Shields ... ..	29.93	52	SSW	3	cg	29.86	-0.0	50	+7	SSW	3	cgw	2	-	58	42	c	c	bz	5.1	
Spurn Head ... ..	30.01	53	WSW	3	bc	29.92	-0.2	52	+5	SW	4	o	3	-	56	46	bc	bc	bcm	6.0	
Yarmouth ... ..	30.05	55	SSW	1	bc	30.01	-0.1	50	+3	SW	2	om	1	-	58	47	bc	bcm	om	3.9	
Clacton-on-Sea ... ..	30.07	56	SW	2	bc	30.02	-0.1	51	-3	S	4	og	3	-	60	51	cbcm	bc	bccag	3.3	
Nottingham ... ..	30.04	48	SW	2	b	29.94	*	52	+14	SW	2	c	*	-	57	37	f.c.c	em.b	bm.f	1.4	
Bath ... ..	30.08	56	E	1	c	29.93	*	57	+11	SSE	2	c	*	-	64	46	m.c.b	c.o	o.c	4.7	
London (Kew Obsy.) ... ..	30.09	53	SW	2	bcm	30.00	-0.2	53	+6	S	1	om	*	-	60	45	f.m.c	b.c.bcm	bm	6.5	
Spitzbergen ... ..	29.73	7	SE	2	b	29.82	+0.2	10	+1	-	0	bc	*	-	10	3	*	*	*		
Isafjord ... ..	29.23	34	N	9	o	29.40	+0.9	28	-9	N	10	s	*	-	*	*	*	*	*		
Reykjavik ... ..	29.15	44	SW	4	o	29.20	+0.2	36	-1	ESE	1	c	*	-	*	*	*	*	*		
Vestmanna ... ..	29.20	41	WSW	7	c	29.22	0.0	33	-5	-	0	b	1	-	*	*	*	*	*		
Seydisfjord ... ..	29.38	38	W	1	o	29.23	+0.4	38	-1	SW	3	bc	*	-	*	*	*	*	*		
Thorshavn ... ..	29.62	42	-	0	c	29.49	-0.1	45	+3	SSW	4	o	*	-	*	*	*	*	*		
Haparanda ... ..	29.72	28	NE	2	o	29.95	+0.8	26	+4	NNE	2	o	*	0.04	30	25	*	*	*		
Hernösand ... ..	29.68	41	-	0	b	29.91	+0.6	32	-9	-	0	b	*	0.04	54	28	*	*	*		
Stockholm ... ..	29.71	53	W	4	o	29.84	+0.4	50	-3	W	4	o	*	-	57	48	*	*	*		
Wisby ... ..	29.83	51	SW	4	b	29.91	+0.4	50	-2	NW	4	o	*	-	57	46	*	*	*		
Karlstad ... ..	29.74	53	SW	6	m	29.82	+0.4	51	-2	WSW	4	bc	3	-	54	50	*	*	*		
Færder (X'ianta Fjord)	29.7	30	NNE	2	b	29.68	-0.2	30	-2	E	4	b	1	-	36	27	*	*	*		
Bodö ... ..	29.66	45	E	2	r	29.82	-0.1	48	-3	WSW	1	o	4	0.07	50	45	*	*	*		
Christiansund ... ..	29.80	54	S	2	o	29.84	+0.2	54	0	S	6	m	4	-	55	54	*	*	*		
Skudesnaes ... ..	29.89	52	W	5	m	29.91	+0.1	53	0	WSW	4	m	1	-	54	52	*	*	*		
The Scaw (Skagen) ... ..	30.00	54	SW	3	o	30.02	+0.1	52	-1	SW	1	o	2	-	54	52	*	*	*		
Blaavands Huk ... ..	30.08	46	W	1	m	30.09	0.0	47	+8	S	2	o	0	-	54	41	*	*	*		
Cuxhaven ... ..	30.09	55	SW	3	o	30.07	+0.1	49	+3	S	3	m	1	-	55	46	*	*	*		
Brussels ... ..	30.15	45	SW	1	f	30.09	-0.2	43	+5	S	1	o	*	-	46	32	*	*	*		
Berlin ... ..	30.09	52	S	1	m	30.13	+0.2	38	+2	-	0	o	*	-	59	36	*	*	*		
Frankfurt ... ..	30.15	48	-	0	b	30.15	0.0	40	-	-	0	f	*	-	61	37	*	*	*		
Munich ... ..	30.23	41	-	0	f																
C. Gris Nez ... ..	30.12	49	S	4	c	30.04	-0.2	46	-1	SE	2	o	1	-	55	45	*	*	*		
La Hève ... ..	30.11	51	E	3	m	29.99	*	46	-1	E	4	m	3	-	57	43	*	*	*		
Brest (St. Mathieu) ... ..	30.06	60	SE	3	bc	29.90	-0.2	57	-2	ESE	4	o	3	-	64	55	*	*	*		
Lorient (Beo Malen) ... ..	30.02	59	SSE	2	bc	29.90	*	53	-1	E	3	f	2	-	68	50	*	*	*		
Rochefort (Ile d'Alt) ... ..	30.08	60	-	0	b	29.96	-0.4	52	+1	SE	3	b	*	Trace	73	50	*	*	*		
Biarritz ... ..	30.04	63	ENE	1	b	29.91	-0.3	61	-1	SSE	3	b	2	-	72	59	*	*	*		
Paris ... ..	30.16	47	-	0	o	30.07	+0.2	43	+1	-	0	f	*	Trace	50	42	*	*	*		
Belfort ... ..	30.20	35	-	0	m	30.17	*	37	-3	-	0	f	*	-	64	36	*	*	*		
Lyons ... ..	30.17	55	SSE	1	b	30.16	*	40	-6	NW	1	f	*	-	63	39	*	*	*		
Nice ... ..	30.21	54	NE	1	b	30.13	0.0	54	0	-	0	b	2	-	64	50	*	*	*		
Perpignan ... ..	30.12	57	-	0	b	30.09	-0.1	46	-7	-	0	b	*	-	67	44	*	*	*		
Sanguinaire ... ..																					
Corunna (S.a.m.) ... ..	30.06	76	SSW	1	b	29.85	0.0	65	+11	SSE	1	b	4	-	77	54	*	*	*		
Lisbon (S.a.m.) ... ..	29.99	66	SSW	2	b	29.91	+0.1	61	0	NE	3	c	2	-	77	59	*	*	*		
Gibraltar ... ..																					
Azores (Horta S.a.m.) ... ..	30.08	*	N	4	bc	30.13	+0.1	62	+3	N	3	o	2	-	64	61	*	*	*		
Madeira (Funchal) ... ..	29.86	71	N	3	T	29.84	0.0	66	-7	N	3	r	3	1.02							

## GALES.

Duration and Extreme Force  
on British Coasts.

\* Information for these columns not usually received.

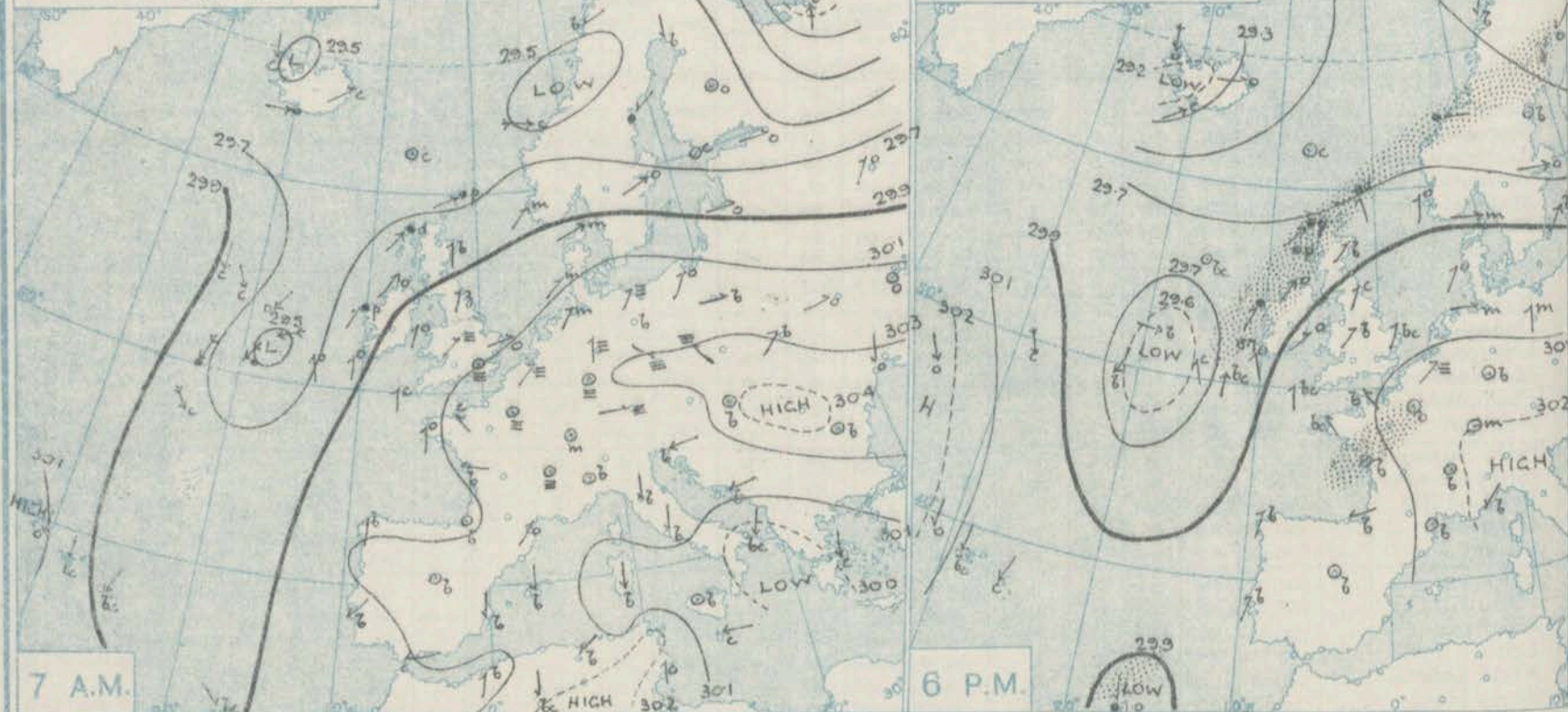
† Received too late for insertion in Charts.



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



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



GENERAL INFERENCE

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON Sunday TO NOON Monday.

0 {  
a  
b

1

2 {  
a  
b

3

4 {  
a  
b

5

*None Issued*

### FORECAST DISTRICTS.



### STORM WARNINGS.

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

Signals hoisted yesterday.

South Coast.

North Coast.

South Coast.

North Coast.

Signals hoisted this morning.

South Coast.

North Coast.

South Coast.

North Coast.

South Coast hoisted last evening at 7.10 in Districts 1, 6 and 9, at 8.50 this morning in Districts 2, 7 and 10.

6 {  
a  
b

7 {  
a  
b

8 {  
a  
b

9 {  
a  
b

10 {  
a  
b

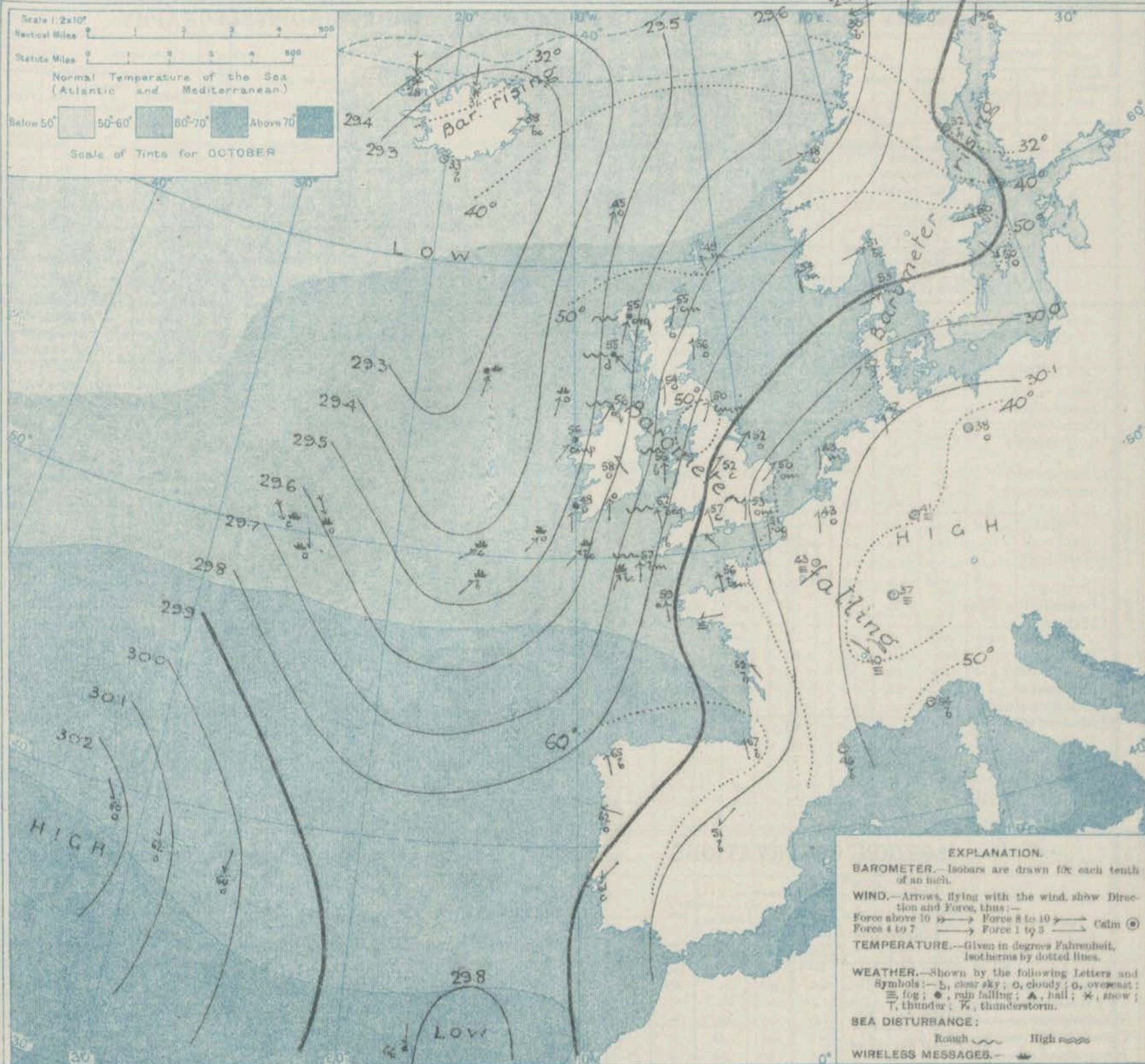
*None Issued*

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.



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



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

The anticyclone recently noticed over Western Europe continues. Its move eastward, the highest pressures being now found over Germany and the east and south of France. A large depression, with "V"-shaped secondary, is advancing slowly across the Atlantic and is causing a fall of the barometer in most parts of the United Kingdom and France.

The wind is chiefly Southerly or South-Westerly and is strong or high in force on our own extreme north-western coasts; calms prevail in Germany. In Iceland the wind is chiefly Northerly, with a whole gale at Isafjord. Temperature has

risen in most places. Over the United Kingdom the morning readings range from a trifle above 55° on our south-western, western and northern coasts to 49° at Berwick and 48° at Liverpool. Over the central parts of France and Germany the readings range between 38° and 43°, while in the north of Scandinavia they are below the freezing point. The weather is fine in many parts of England and Wales and also in Scandinavia and in the south of France. Elsewhere the sky is cloudy or overcast, with fog in many parts of France and Germany, rain on our own extreme western coasts and snow in northern Iceland. The sea is rather rough on our western coasts, slight or smooth elsewhere.



## DAILY WEATHER REPORT.

Sunday, 19th October, 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.	
19th 7 a.m.	51	12	Lake Michigan	H	29.49	-0.2	SW	(0-12)	0.	18th 6 p.m.	50	12	Manomine	O	29.79	-0.5	3	(0-12)	bc
18th 6 p.m.	48	36	Olympic	O	29.24	+0.4	NW	4-5	0.	" 7 a.m.	55	6	Cantharus	H	29.74	-0.2	SW	4-5	0.
" "	49	28	Manitou	O	29.99	+0.1	NW	8-9	0.	" "	48	24	Manitoba	H	29.71	-0.3	NW	8-9	0.
" "	50	23	Manitoba	O	29.65	-0.1	NNE	8-9	0.	" "	56	23	Columbia	H	29.48	+0.6	N	4-5	0.
" "	49	21	Manitoba	H	29.54	+0.2	NE	6-7	0.	" "	54	21	Columbia	H	29.95	-0.4	NW	4-5	0.
" "	52	18	Manitoba	O	29.58	-0.4	W	4-5	0.	" "	51	19	Manitoba	H	29.59	-0.1	NE	8-9	0.
" "	55	17	Columbia	H	29.81	-0.5	-	0	bc	" "	53	18	Lake Michigan	H	29.62	-0.5	NE	6-7	0.
" "	51	15	Lake Michigan	H	29.64	-0.3	ESE	4-5	0.	" "	52	19	Indiana	H	29.42	-0.3	ENE	8-9	0.
" "	51	14	Indiana	H	29.43	0.0	SE	1-3	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.	Oban	...	...	...	...	...	...	England, S.E.	Margate	...	...	...	...	...	...
	Stonehaven	...	...	...	...	...	...		Ramsgate	...	...	...	...	...	...
	Carnoustie	...	...	...	...	...	...		Folkestone	...	...	...	...	...	...
	St. Andrews	...	...	...	...	...	...		Hythe	...	...	...	...	...	...
England, N.E.	Harrogate	...	56	43	bc.	0.0	3.2	England, S.E.	Littlestone	...	...	...	...	...	3.1
	Scarborough	...	...	...	...	...	...		Hastings	...	62	52	0.6c.b.	bc.	5.1
England, N.W.	Douglas	...	...	...	...	...	...		Bexhill-on-Sea	...	60	53	0.6c.b.	bc.	4.7
	Blackpool	...	56	41	0	0	0.0		Eastbourne	...	62	54	bc.b.	bc.	3.8
	Southport	...	57	41	bc.0	0	1.6		Seaford	...	60	46	c.b.c.	bc.	3.8
Midlands.	Buxton	...	56	41	bc	bc.	1.8		Brighton	...	60	49	c.b.c.0	0.c.	2.0
	Leamington Spa	...	59	38	bc	bc.	4.7		Worthing	...	62	49	c.b.c.	bc.	2.0
	Malvern	...	...	...	...	...	...		Littlehampton	...	...	...	...	...	2.3
Wales.	Rhyl	...	62	43	bc.0	c.b.c.	3.5		Southsea	...	...	...	...	...	...
	Colwyn Bay	...	...	...	...	...	...		Ryde	...	...	...	...	...	...
	Llandudno	...	59	45	c.b.	bc.	4.2		Ventnor	...	...	...	...	...	...
	Bettws-y-Coed	...	...	...	...	...	...		Bournemouth	...	63	49	c.b.c.	c.	4.2
	Aberystwyth	...	57	48	0.c.0	0	0.2	England, S.W.	Weymouth	...	62	52	bc	bc.c.	2.0
England, E.	Tenby	...	58	55	0	0	0.0		Exmouth	...	...	...	...	...	...
	Lowestoft	...	...	...	...	...	...		Teignmouth	...	61	48	c	c	0.5
	Felixstowe	...	59	48	mo.c	bc.	3.4		Torquay	...	59	51	0	0	0.1
	Walton-on-Naze	...	58	47	0	0	0.0		Paignton	...	61	47	c	c	0.5
	Southend-on-Sea	...	...	...	...	...	...		Falmouth	...	59	53	0	0.c.	0.0
									Bude	...	60	45	0	0	0.0
									Ilfracombe	...	...	...	...	...	...
									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.																		
%		F.°	F.°	F.°	in.				Hr.		in.	F.°	F.°	F.°				Hr.			
Greenwich (Royal Obey.) ...	67	85	63	43	31		b	b	6.0	6.3	Dublin to 4 p.m.	-	62	44	42	bc	bc	bc	6.1		
City (Banhill Row) ...	0	0	0	0	0	0	0	0	3.6	3.6	Plymouth to 9 p.m.	-	58	52	49	0	0	0	0.0		
Westminster (St. James's Pk.)	80	87	62	48	32	-	bc	bc	bc.	4.6	Darwen	0.01	57	42	40	bc.ow	og.b	bc.0	2.5		
Camden Sq. (Brit. Rainfall)	65	81	63	47	43	-	0.7	bc	b.	5.9	Manchester	-	57	41	0	b.bc	bc.c.	c.0	1.8		
Hampstead (Reservoir) ...	0	81	60	49	33	-	bc	0	0	6.1	Birmingham	-	58	42	26	b	c	c	4.0		
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION FOR SQUARE CENTIMETER DURING YESTERDAY.										Oxford to 8 p.m.	0	60	48	39	0.7m	bm.bc	bc.b.	0
			Total.		Mean Rate.		Max. Rate.				Richmond Park (6 p.m.)	0	0	0	0	0	0	0	6.7		
S. Kensington (Roof of M.O.)	66	84	665 Joules.		17.6 Milliwatts.		37.5 Milliwatts.		5.3	5.3	S. Kensington (Museum Grounds to 6 p.m.)	-	62	46	34	bm.c.	c.bc	bc.b.	0		

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

19th & 20th Oct., 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 6.26 6.28	G.M.T. 11.38 11.38	G.M.T. 4.50 4.48
Greenwich	6.31 6.33	11.45 11.45	4.59 4.57
Wick	6.58 7.0	11.57 11.57	4.56 4.54
Valencia	7.13 7.15	12.26 12.26	5.38 5.36

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 60° or a trifle above it in many parts of the United Kingdom and reached 63° at Greenwich, Camden Square and Bournemouth. The amount of bright sunshine was, as a rule, small, but about 6½ hours were registered at Kew and Richmond Park and nearly 8 hours at Jersey. Rain fell in Ireland and the west and north of Scotland, heavily at Valencia. Wireless reports show that as far west as the 16th meridian ships experienced moderate to strong winds from the S.W., but that further to the westward the wind blew a gale from between N.W. and N.E.; the weather was dull generally, with rain in places.

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

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



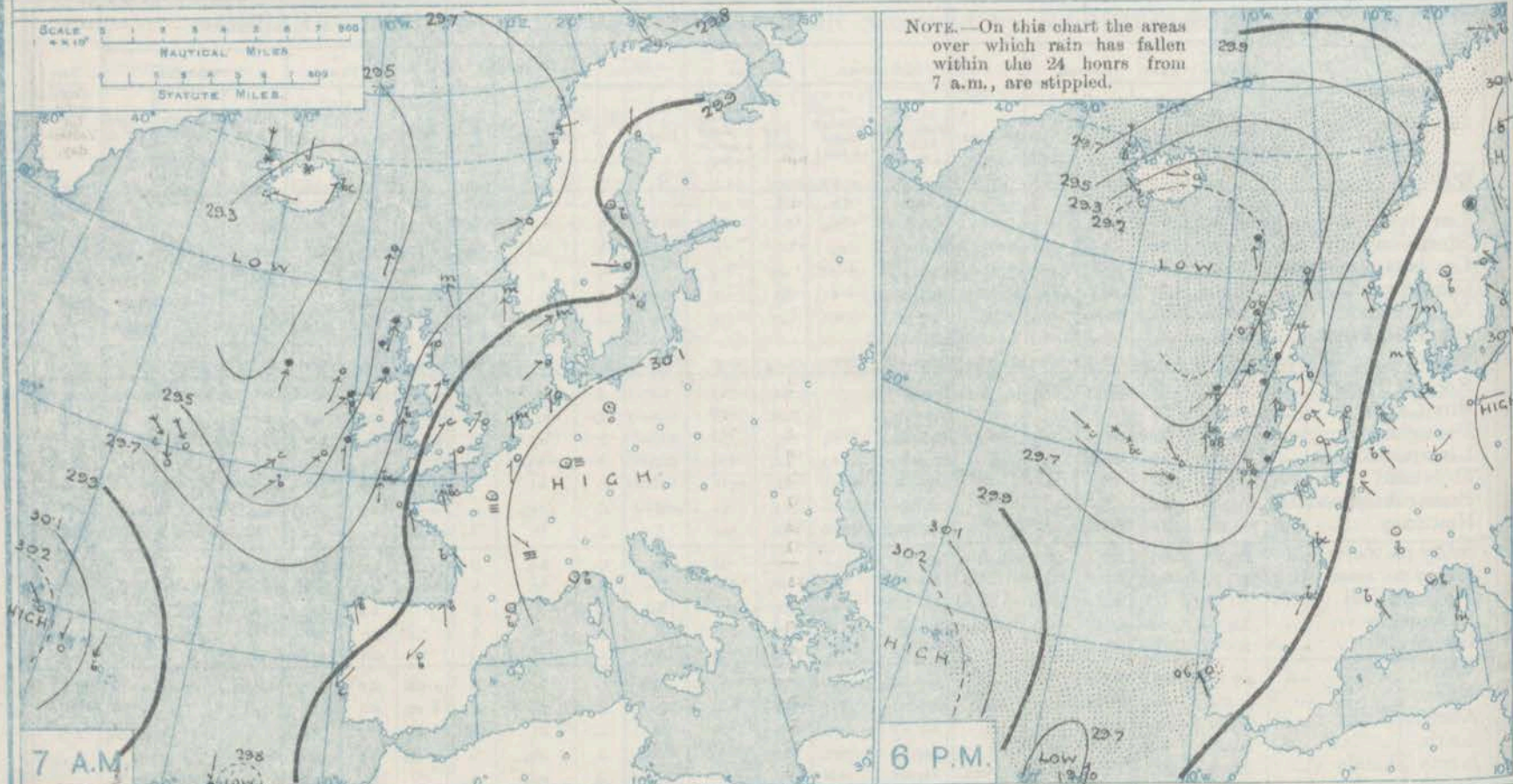
## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday  
20th October 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.	Dir.	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.	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.				
Vardø	29.04	23	W.M.W.	2	b	29.02	-0.08	29	+3	S	8	o	4	?	29	21	e	w	e	e			
Lerwick	29.43	53	SSE	5	om	29.29	-0.14	53	+4	SSE	8	o	6	0.01	54	48	omp	om	bc,om	Hours			
Stornoway	29.28	55	S	7	om	29.17	+0.11	49	-6	SSW	6	cq.	5	0.58	57	48	opq.	om	opq.	0.0			
Castlebay (Barra Isd.)	29.27	55	SSE	5	o	29.24	+0.08	48	-7	W	4	c	4	0.66	57	47	d.r	r.o	op.c	0.0			
Glasgow	29.48	58	S	4	od	29.38	+0.10	51	-3	SW	5	c	2	0.13	61	61	o	o.c.o	op.c	0.5			
Malin Head	29.34	54	SW	4	c	29.20	+0.14	47	-9	SW	4	bc	4	0.03	60	46	ogr	cq	opq.	0			
Blacksod Point	29.24	54	SW	5	c																		
Valencia	29.32	53	S	3	bc	29.49	+0.17	44	-5	SSW	2	bc.	5	0.81	59	43	opq.	opq.	op.c	0.3			
Roche's Point	29.42	57	SSW	5	c	29.55	+	46	-13	W	2	b	4	0.62	59	46	r	r.o.c	op.b.c	0			
Birr Castle	29.37	53	S	1	o	29.47	+	43	-15	SSW	2	bc	2	0.19	59	43	or	o.v.o	c.b.c	0.0			
Donaghadee	29.46	57	S	4	orm	29.42	+0.04	47	-5	SSW	2	bc	2	0.22	61	47	om	om	om	0			
Liverpool Obsy.	29.61	56	ESE	4	b	29.56	+0.05	52	+4	SSW	3	oge	3	0.21	62	48	b	b	op.	8.3			
Holyhead	29.53	61	S	4	o	29.51	+0.02	52	-4	WSW	3	bc	2	0.15	63	52	b.b.c.m	b.c.c.m	roch	5.4			
Pembroke (St. Ann's Hd.)	29.57	55	S	4	+	29.59	+0.02	53	-4	WSW	5	cq.	4	0.38	61	52	b.c.	cq.	ogr.	3.1			
Newquay	29.59	58	SSE	4	+	29.64	+0.05	52	-4	S	1	c	2	0.20	61	51	b.	e.b.b.c	op.b.c	5.7			
Scilly (St. Mary's)	29.54	56	S	5	craply	29.65	+0.11	53	-4	W	4	cp.	5	0.28	60	51	craply	craply	em.cq.	0.7			
Jersey (St. Aubin)	29.77	62	SSE	3	c	29.80	+	58	+2	SW	4	bc	3	0.64	62	55	b	bc	c.b.c	8.7			
Portland Bill	29.72	61	SSE	4	bc	29.72	+0.04	59	+1	SW	5	c	5	0.62	57	51	b	bc	b.c.c	0			
Dungeness	29.84	56	SSE	4	o	29.78	+0.06	60	+9	S	3	c	3	0.60	51	51	c	o	c.c	0			
Dover	29.82	51	S	4	o	29.78	+	59	+9	SSW	4	c	4	0.59	50	50	o	o	o.c	0.0			
Wick	29.38	55	SE	7	c	29.25	+0.13	54	-1	SE	4	bc.	5	0.05	58	54	cd.b.c	b.c.m	op.b.c	0			
Nairn	29.36	60	SSW	6	c	29.23	+	53	-4	SSW	3	cq	3	0.03	63	46	c	b.c.c	cr.	2.2			
Aberdeen	29.51	55	SSE	4	c	29.37	-0.14	53	-3	S	4	b	4	0.58	53	53	c.b.c	b.b.c.c	c.b.c	2.6			
Leith	29.50	64	S	2	c	29.39	+0.11	55	-1	SSW	2	cp.	2	0.03	62	54	b.c.c	c	cy.	0			
North Shields	29.64	57	S	3	bc	29.50	-0.14	53	+3	SSW	3	cq.	2	0.61	48	50	c	cy	b.c.	7.7			
Spurn Head	29.74	53	SSE	5	bc	29.63	-0.11	55	+3	S	4	bc.	4	0.56	50	50	o	bc	cq.	0.6			
Yarmouth	29.83	51	S	4	om	29.72	-0.11	56	+6	S	2	bc.m	2	0.57	50	50	om	om	b.c.m	0.1			
Clacton-on-Sea	29.83	53	SSE	4	og	29.74	+0.09	57	+6	S	4	c	3	0.57	50	50	og	og	og.c	0.0			
Nottingham	29.74	52	SE	2	o	29.64	+	55	+3	SW	4	b	2	0.63	51	51	c.b	b.c	o	2.9			
Bath	29.74	56	SSE	4	b	29.70	+	56	-1	SW	4	c	2	0.66	55	55	c.b.c	b.b.c	b.b.c	8.2			
London (Kew Obsy.)	29.78	55	SSE	2	o	29.74	+0.04	56	+3	S	2	o	2	0.60	53	53	om.c.b.c	b.c.c	o.c.b.c	4.9			
Spitzbergen	29.93	8	NNE	3	c	29.86	-0.07	8	-2	N	3	c	2	0.9	7	7							
Isafjord	29.66	28	N	10	S																		
Reykjavik	29.28	37	NNE	9	bc																		
Vestmanna	29.16	37	NW	1	c																		
Seydisfjord	29.29	36	W	3	o	29.10	-0.19	34	-4	S	1	S	2	0.9	7	7							
Thorshavn	29.16	50	SSE	5	r	29.04	-0.12	48	+3	SW	4	o	2	0.9	7	7							
Haparanda	30.13	30	E	2	o	29.98	-0.15	35	+9	S	4	o	2	0.36	25	25							
Hernösand	30.03	40	-	0	+	29.94	-0.09	46	+14	SW	4	o	2	0.48	30	30							
Stockholm	30.02	49	SE	2	o	30.10	+0.08	50	0	S	2	o	2	0.52	48	48							
Wisby	30.06	51	NW	2	o	30.12	+0.06	51	+1	S	2	o	2	0.54	48	48							
Karlstad	29.95	48	-	0	b	30.02	-0.07	51	0	-	0	o	2	0.55	45	45							
Færder (X'laia Fjord)	29.93	52	SW	4	m	29.95	-0.02	50	-1	SSE	4	m	2	0.54	50	50							
Bodö	29.73	37	E	4	o	29.60	-0.13	41	+11	E	5	o	2	0.41	30	30							
Christiansund	29.70	50	ESE	1	o	29.55	-0.15	51	+3	SE	1	b	4	0.08	52	46							
Skudesnaes	29.83	54	SSE	8	o	29.78	-0.05	52	-2	SE	9	o	7	0.54	52	52							
The Scaw (Skagen)	30.00	53	SSW	3	m	29.96	-0.04	50	-3	SSE	6	m	2	0.55	50	50							
Blaavands Huk	30.00	51	SSE	3	m	29.91	+0.09	50	-2	S	5	m	3	0.57	45	45							
Cuxhaven	30.02	46	SE	2	b	29.96	-0.06	46	-1	S	3	f	0	0.54	45	45							
The Helder	29.42	46	SE	4	o	29.34	+0.08	44	-5	SSE	3	m	1	0.52	45	45							
Brussels	29.91	47	SE	1	b	29.91	+0.01	47	+5	SSE	2	b	2	0.54	43	43							
Berlin	30.10	45	E	1	o	30.07	-0.03	39	+1	SE	1	bc	2	0.52	38	38							
Frankfurt	30.06	43	NE	1	o	30.08	+0.02	42	+2	S	1	+	2	0.52	40	40							
Munich	30.08	43	N	1	f	30.14	+0.06	39	+2	S	1	b	2	0.52	34	34							
C. Grs Nez	29.82	48	SE	3	bc	29.81	+0.01	45	+8	S	5	bc	4	0.52	46	46							
La Hève	29.80	55	E	4	m	29.83	+	56	+10	SSE	3	o	2	0.57	46	46							
Brest (St. Mathieu)	29.72	59	SSE	5	o	29.75	+0.03	58	+1	SW	4	c	4	0.64	57	57							
Lorient (Rec Molen)																							
Rochefort (Ile d'Alx)	29.86	62	S	3	bc	29.89	+0.03	54	+2	SE	3	o	2	0.70	52	52							
Biarritz	29.83	69	SSW	3	bc	29.87	+0.04	62	+1	SSE	3	o	2	0.75	59	59							
Paris																							



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



## GENERAL INFERENCE

The pressure distribution will continue favourable for southerly to south-westerly winds over the United Kingdom and its neighbourhood, with

## WEATHER PROSPECTS.

generally mild weather.

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

0 { a } Wind southerly or south-westerly, decreasing in force; changeable, some showers; becoming cooler.

1 { a } Southerly or south-westerly

2 { a } winds, light or moderate,

3 { a } fresh at times locally; variable

4 { a } sky, some showers in places;

5 { a } temperature continuing above

the normal.

### 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 1, 7, 8 and 10 at 8.50 a.m. yesterday

6 { a } b

7 { a } b

8 { a } b

9 { a } b

10 { a } b

Wind between south and south-west, light or moderate to fresh or strong; changeable, some showers; moderately mild.

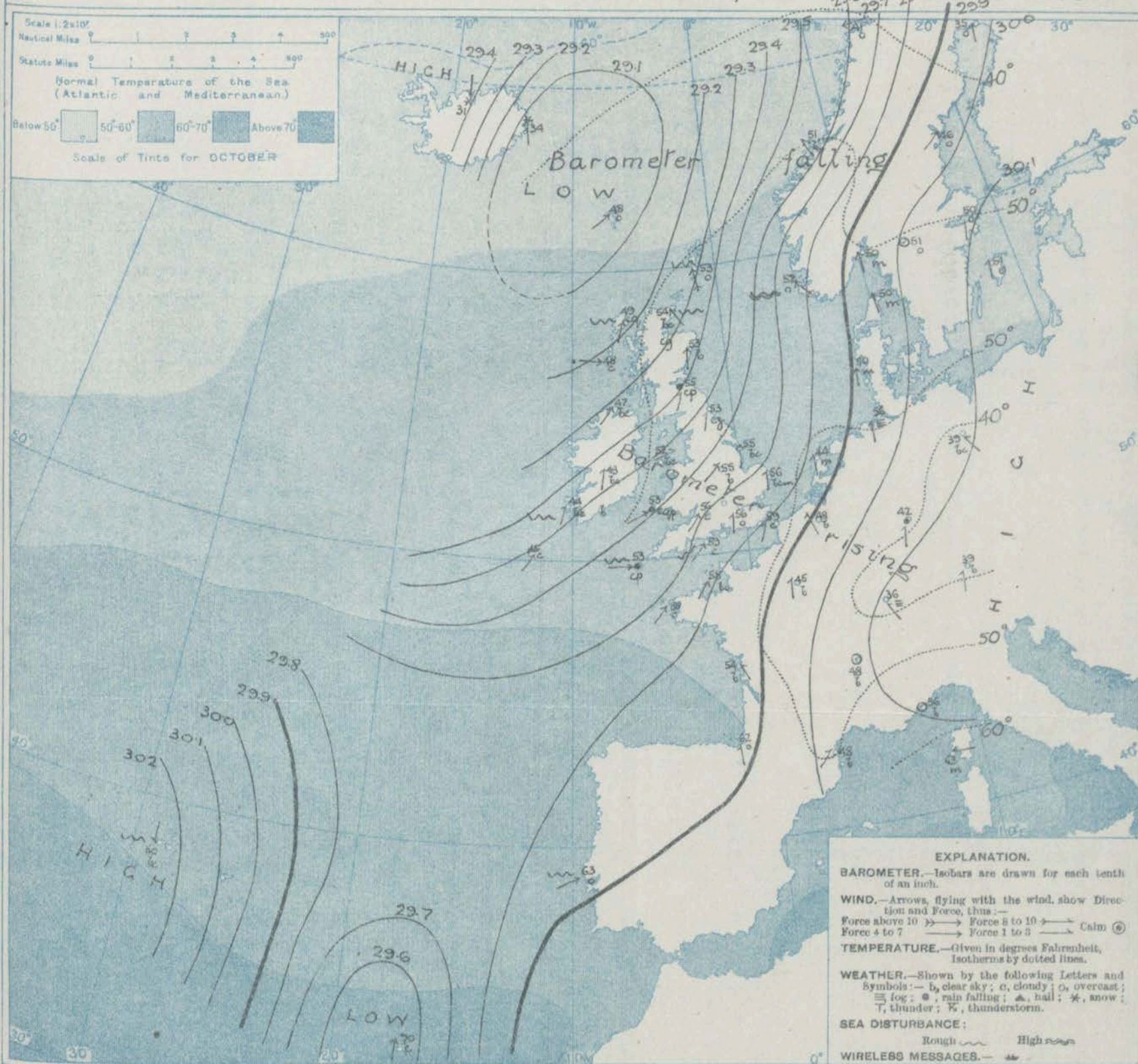
### 11 WESTERN CHANNEL AND BAY.

South-westerly to southerly winds, moderate to fresh, sea rather rough or moderate; some showers, otherwise fair.

## THE FURTHER OUTLOOK.



SYNOPTIC CHART FOR 7 A.M. MONDAY, 20<sup>TH</sup> OCTOBER 1913



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

Pressure is above 30.2 in. at the Azores, and above 30.1 in. in Bavaria and over the Baltic. In a depression having its centre between the Faeroe and Iceland the readings are below 29.1 in.

Southerly to South-Westerly winds are general over the United Kingdom and its immediate neighbourhood. In most places they are light to moderate, but blow freshly on some parts of our south-west coasts, a strong breeze at Stromway, and a gale at Lerwick. On the south-west coast of Norway there is a gale from the South-Eastward. Temperature has fallen in the west and north of

these islands, risen somewhat in the southeast and over a large area on the Continent. In this country it ranges from  $60^{\circ}$  at Dungeness to a little below  $50^{\circ}$  in the Hebrides, and to  $43^{\circ}$  at Birr Castle. over the United Kingdom generally the weather is fair, but showers are reported at Leith and in the south west of England and Wales. Rain is falling at Frankfurt, fog prevails at Cuxhaven, and much cloud is reported over the north of the Continent. In the central countries and France the general condition is fair to bright.



## DAILY WEATHER REPORT.

Monday, 20th October, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
20th 7 a.m.	50	12	Minneapolis	O	29.32	-11	SW	(0-12).	c	19th 7 a.m.	51	16	Empress of Britain	O	29.34	-13	SSW	6-7	c
10th 6 p.m.	51	21	Empress of Britain	O	29.49	+0.2	WNW	6-7	b.	"	50	16	Minneapolis	O	29.45	+0.1	WSW	6-7	b.
"	51	17	Lusitania	H	29.40	-0.3	WNW	8-9	o.	"	49	16	Minneapolis	H	29.53	-0.0	SW	1-3	b.
"	50	12	Philadelphia	O	29.41	+0.2	NW	4-5	o.	"	55	10	Caledonia	O	29.27	-0.21	SSW	6-7	b.
"	49	12	Minneapolis	H	29.44	-0.4	W	1-3	o.	"	50	9	Andania	H	?	+0.1	SW	6-7	b.
"	55	9	Humber	O	29.28	-0.8	SSW	4-5	c.	"	49	7	Philadelphia	O	29.02	-0.4	SW	4-5	b.
7 a.m.	50	26	Haverford	O	29.75	+0.4	NW	8-9	c.										
"	49	25	Newton	H	29.51	-0.2	NNW	6-7	o.										
"	50	24	Lusitania	H	29.61	-0.9	NW	8-9	o.										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.			hr.	Margate ...	In.	F.	F.			hr.
Oban ...	-	60	46	b	b.	6.7	Ramsgate ...	-	54	47	o	o.c.o	0.0
Stonehaven ...	-	58	47	b	b.	7.7	Folkestone ...	-	54	47	o	o.	0.0
Carnoustie ...	-						Hythe ...	-	55	49	o	o.	0.0
St. Andrews ...	-						Littlestone ...	-					0.0
England, N.E.							Hastings ...	-	56	52	o	o.	0.0
Harrogate ...	-						Bexhill-on-Sea ...	-	56	53	o	o.	0.0
Scarborough ...	-						Eastbourne ...	-	60	53	o	o.	0.0
England, N.W.							Seaford ...	-					0.1
Douglas ...	-	63	47	c	b.	7.6	Brighton ...	-	57	55	o.c.o	o.	0.1
Blackpool ...	-	63	41	b.c.b.c.	b.c.b.c.	6.7	Worthing ...	-	57	54	c	c.	0.3
Southport ...	-						Littlehampton ...	-					0.0
Mid-lands.							Southsea ...	-	61	54	od	o.	0.0
Buxton ...	-	58	48	b.c.	b.c.	4.5	Ryde ...	-	61	56	o	o.	0.0
Leamington Spa ...	-	62	44	b.c.	c.b.	4.2	Ventnor ...	-	63	54	*	*	3.3
Malvern ...	-					6.1	Bournemouth ...	-	63	53	b.c.b	b.c.o.	7.5
Wales.							Weymouth ...	-	63	53	b.c.b	b.c.	7.0
Rhyl ...	-	65	46	b.c.	b.c.	8.3	Exmouth ...	-					3.3
Colwyn Bay ...	-	68	52	b	b.c.	9.5	Teignmouth ...	-	64	53	c.b.c	c.	3.6
Llandudno ...	-	68	49	b	b.	7.5	Torquay ...	-	62	52	b	b.c.o	5.1
Bettws-y-Coed ...	-						Paignton ...	-	65	47	b	o.	3.6
Aberystwyth ...	-	69	54	b	c.b.c.	8.0	Falmouth ...	-	61	56	b.c.	o.	7.5
England, E.							Bude ...	-	66	57	b.c.	b.c.	7.8
Lowestoft ...	-	53	45	o	c.o.	0.2	Ilfracombe ...	-	65	52	b.c.c	b.c.c.	8.2
Felixstowe ...	-	52	50	o	o.	0.0	Weston-super-Mare ...	-	65	52	b	b.c.	
Walton-on-Naze ...	-	53	49	cm	cm.	0.0							
Southend-on-Sea ...	-	56	49	o	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.	
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.		Night Min. on Grass.	Night.	Fore-noon.	After-noon.		
			Max.	Min.		Max.				Min.										
	24 HOURS ENDED 9 A.M. TO-DAY.																			
Greenwich (Royal Obs.) ...	%	%	F.	F.	F.	In.				Br.	Dublin to 4 p.m.	In.	F.	F.	F.					
City (Bunhill Row) ...	80	82	61	53	45	-	a.b.c	b.c.b	b.c.c.	4.3.	Plymouth to 9 p.m.	0.10.	64	53	51	b.c.	c.b	0.9		
Westminster (St. James's Pk.)	*	*	*	*	*	*	*	*	*	4.3.	Darwen				*					
Camden Sq. (Brit. Rainfall)	-	75	62	53	47	-	o.b.c	b.c	c.	4.2.	Manchester				*				4.7	
Hampstead (Reservoir) ...	*	79	59	52	41	-	b.c	b.c	c.	5.0	Birmingham	-	61	51	48	-	o.c	c.b		
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									Oxford to 8 p.m.	*	61	51	46	b.c	c	c.o.	
			Total.		Mean Rate.		Max. Rate.													
S. Kensington (Roof of M.O.)	-	79	55.6	Joules.	14.7	Milliwatts.	37.5	Milliwatts.		4.1	S. Kensington (Museum Grounds to 6 p.m.)	-	61	50	38	b.w.c.	o.c	b.c.c.o		

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

	20th 9.21st Oct. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T.	G.M.T.	G.M.T.	
	6.28	11.39	4.48	
	6.30	11.38	4.46	
Greenwich ...	6.32	11.45	4.57	
	6.35	11.45	4.55	
Wick ...	7.0	11.57	4.54	
	7.3	11.57	4.51	
Valencia ...	7.15	12.26	5.36	
	7.17	12.26	5.34	

## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 65° at Aberystwyth, 68° at Colwyn Bay and Llandudno and to above 60° in most parts of the Kingdom. Rain has fallen in the north, west and south-west, more than 0.6 in. at Castlebay and Roche's Point, and 0.8 in. at Valencia. Several hours of bright sunshine were recorded in Wales and the north of England, as well as at some south-western stations. Wireless reports show that as far west as the 21st meridian 16-17 m.p.h. winds, strong to a gale, were general.

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

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,  
21st October 1913.

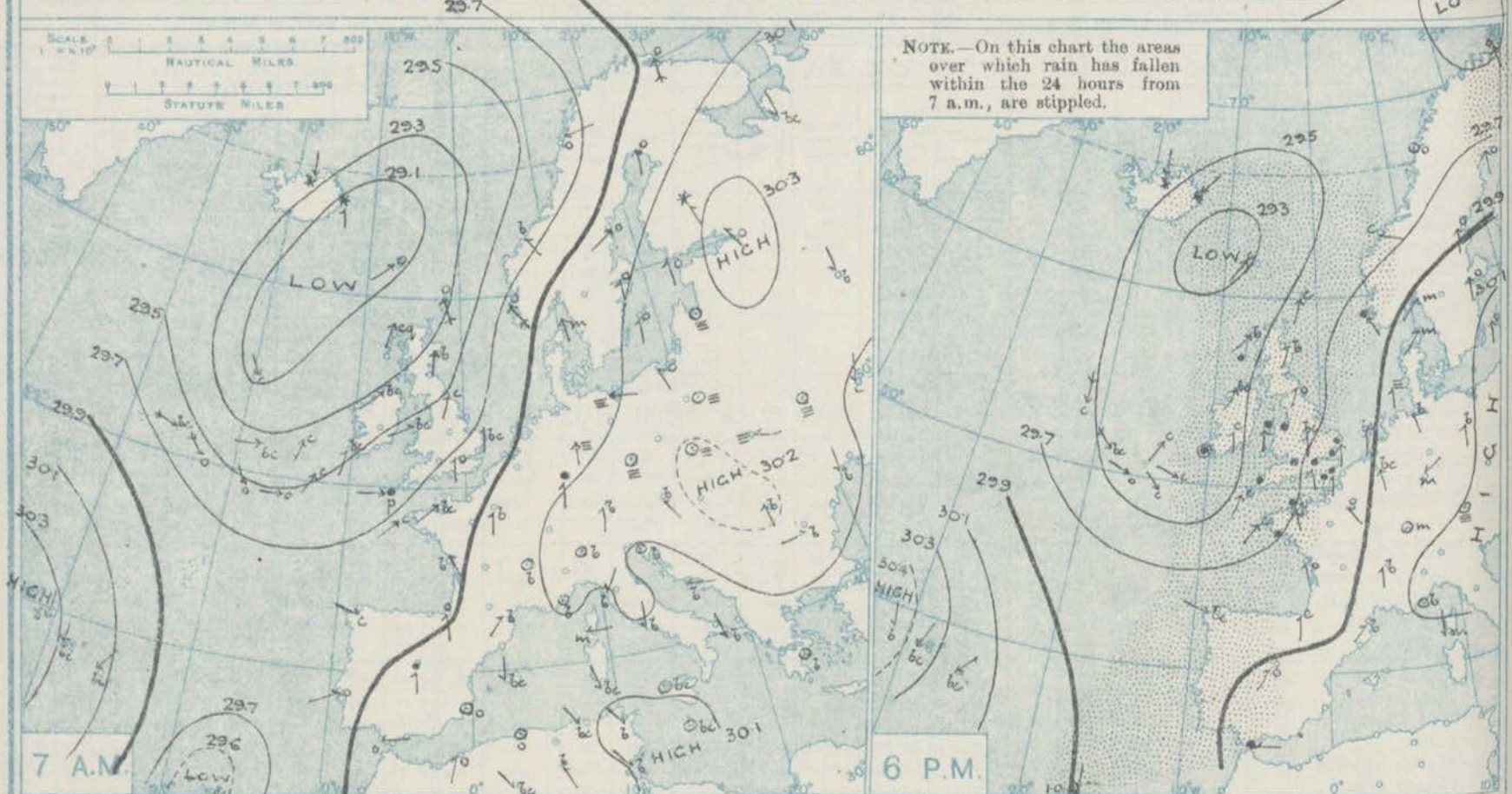
1913.

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.	Wet Bulb.	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.	Night, 6 p.m. to 7 a.m.		
Vardø	29.45	35		S	6	0	o	29.43	+0.2	39	+10	SW	6	2	3	?	29	19						
Lerwick	29.51	50		SSW	4	0	c	29.35	-16	49	-4	SE	4	cp	3	0.15	55	44	cmg	cp	bcpr			
Stornoway	29.49	45		SW	4	0	b	29.15	-13	45	-4	SE	3	cp	3	0.27	51	42	abcp	bcpr	bcpr	8.0		
Castlebay (Barra Isd.)	29.47	48		SSW	4	0	cp	29.10	-11	47	-1	SW	3	op	3	0.45	51	45	chp	bcpr	bcpr	4.2		
Glasgow	29.41	47		SE	2	0	b	29.32	-0.3	45	-6	SSW	5	lg	5	0.02	52	45	chp	bcpr	bcpr	6.1		
Malin Head	29.49	46		SW	4	0	bc	29.21	-0.3	46	-1	WNW	6	cmg	5	0.09	53	42	bc	bc	cmg			
Blacksod Point																								
Valencia	29.40	46		-	0	0	omr	29.47	+0.3	47	+3	WNW	3	c	5	0.54	51	40	chp	omr	c.b.	2.1		
Roche's Point	29.43	50		S	4	0	o	29.49		46	0	WSW	3	bc	4	0.26	56	43	bcpr	chp	chp			
Birr Castle	29.45	46		S	2	0	c	29.45		37	-6	S	1	bc	1	0.15	55	37	bc	bcpr	bcpr	7.4		
Donaghadee	29.55	50		SSW	2	0	bc	29.36	+0.2	43	-4	SW	3	bc	3	0.24	54	43	bc	bcpr	bcpr			
Liverpool Obsy.	29.62	48		SSW	2	0	r	29.51	-0.0	45	-7	S	3	b	2	0.19	55	45	bcpr	op	op	2.3		
Holyhead	29.57	50		S	5	0	omr	29.45	+0.2	48	-4	SSW	5	bc	4	0.19	56	47	cg	cmr	cg	2.7		
Pembroke (St. Ann's Hd.)	29.55	52		SSW	5	0	c	29.52	-0.0	50	-3	WSW	5	bcpr	5	0.16	56	46	cgpr	cgpr	cgpr	0.0		
Newquay	29.59	50		SSW	3	0	o	29.57	-0.0	44	-8	SW	1	bc	3	0.21	55	43	cpr	op	op	0.1		
Scilly (St. Mary's)	29.53	54		SSW	5	0	cg	29.56	-0.01	49	-4	W	4	bcpr	5	0.09	55	46	cmg	cg	bcpr	1.0		
Jersey (St. Aubin)	29.70	59		SSW	4	0	omg	29.63		52	-6	SW	2	omg	2	0.76	60	51	bcpr	omg	omg	0.0		
Portland Bill	29.65	58		SSW	5	0	o	29.58	-0.01	54	-5	WSW	4	bc	4	0.23	60	54	c	op	op	0.0		
Dungeness	29.78	60		SSW	4	0	op	29.63	-0.05	58	-2	SSW	4	or	4	0.23	60	51	cpr	op	op	0.0		
Dover	29.76	58		S	3	0	od	29.61		54	-5	SSW	4	or	6	0.22	59	50	bcpr	od	od	0.2		
Wick	29.56	45		SSW	3	0	bc	29.26	-13	51	-3	SE	4	cg	5	0.02	55	42	bcpr	cg	bcpr			
Nairn	29.56	41		-	0	0	bc	29.23		46	-7	S	2	c	3	0.01	54	36	bcpr	bcpr	bcpr	5.8		
Aberdeen	29.61	50		SSW	3	0	b	29.32	-0.6	51	-2	S	4	bc	3	0.03	58	46	bcpr	bcpr	bcpr	5.2		
Leith	29.60	50		S	1	0	c	29.33	-0.3	50	-5	SW	5	b	1	0.07	56	45	c	bcpr	bcpr			
North Shields	29.66	54		SSW	2	0	o	29.44	-0.1	52	-1	S	4	o	2	0.06	60	51	c	c	c	?		
Spurn Head	29.69	57		SSW	4	0	c	29.56	-0.0	54	-1	SSW	5	or	4	0.10	63	53	c	c	or	3.4		
Yarmouth	29.78	67		S	3	0	omr	29.60	-0.2	57	+1	S	3	o	2	0.07	61	56	bcpr	omr	or	0.5		
Clacton-on-Sea	29.77	57		SSW	3	0	ogd	29.59	-0.2	56	-1	SW	2	og	2	0.10	59	56	cog	og	ogpr	0.2		
Nottingham	29.69	54		S	2	0	bc	29.60		52	-3	S	2	c	1	0.12	63	52	bc	bcpr	bcpr	3.0		
Bath	29.64	57		S	2	0	r	29.60		47	-9	SW	-	c		0.10	62	46	c	op	op	3.7		
London (New Obsy.)	29.73	55		SSW	2	0	of	29.61	-0.0	53	-3	W	1	om	1	0.36	61	52	o	o	o	0.8		
Spitzbergen	29.73	7		NNE	4	0	b	29.70	-0.0	6	-2	NNE	4	b			8	3						
Isafjord																								
Reykjavik																								
Vestmanna																								
Seydisfjord	29.40	31		NE	5	0	S	29.70	+0.7	28	-6	NE	2	S										
Thorshavn	29.28	47		SW	4	0	c	29.36	-0.3	38	-10	-	0	c										
Haparanda	29.74	43		S	6	0	o	29.74	+0.4	41	+6	W	4	o	0	0.12	43	34						
Hernösand	29.87	48		S	4	0	o	29.86	-0.0	46	0	S	2	b	1		50	45						
Stockholm	30.07	50		S	2	0	o	30.03	-0.01	46	-4	WSW	2	o	1		57	45						
Wisby	30.14	50		S	4	0	o	30.06	-0.04	50	-1	S	2	o	1		52	46						
Karlstad	30.00	49		SE	2	0	c	29.97	-0.04	48	-3	-	0	f	1		52	46						
Færder (X'ania Fjord)	29.95	50		SW	4	0	m	29.89	-0.3	49	-1	SSW	4	m	2		50	49						
Bodö	29.58	45		-	0	0	o	29.61	+0.2	48	+7	SSW	4	b	2		50	41						
Christiansund	29.61	50		SE	1	0	c	29.67	-0.04	50	-1	NE	1	c	3	0.08	54	50						
Skudesnaes	29.79	54		SE	6	0	r	29.63	-0.4	54	+2	SE	6	o	5	0.08	54	52						
The Scaw (Skagen)	29.99	50		SW	3	0	m	29.89	-0.3	50	0	SSW	5	m	1		50	46						
Blaavands Huk	29.95	48		S	2	0	f	29.82	-0.4	45	-5	SSW	3	f	2		52	43						
Cuxhaven	29.95	51		SSW	3	0	b	29.85	-0.2	40	-6	S	2	bc	0		57	39						
The Helder	29.87	53		S	2	0	b	29.71	-0.4	51	+7	SSW	4	c	1		59	44						
Brussels	29.88	53		SSW	4	0	bc	29.74	-0.4	55	+7	SE	4	bc	1		66	48						
Berlin	30.02	50		S	3	0	b	29.99	-0.2	39	0	S	2	b	1		57	37						
Frankfurt	30.06	45		NE	1	0	m	30.01	-0.2	42	0	SW	1	m	1		46	42						
Munich	30.10	43		-	0	0	f	30.10	-0.1	40	+1	S	2	f	1		52	39						
C. Gris Nez	29.78	59		SSW	4	0	o	29.63	-0.4	57	+3	SSW	4	r	3	?	61	45</						

\* Information for these columns not usually received.



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



## GENERAL INFERENCE

A moderately deep depression off the Iberides is travelling north-eastward, and another has appeared on the lower part of the Bay of Biscay.

## WEATHER PROSPECTS.

The conditions, therefore, will be of an unsettled type generally.

## FORECASTS FOR THE 24 HOURS NOON TUESDAY

## TO NOON WEDNESDAY.

0 {  
a  
b

Increasing southerly winds, strong to a gale in places, veering westerly or north-westerly; unsettled, some rain and mist, fair intervals; cool.

1

2 {  
a  
b

Southerly to westerly winds,

3

fresh at times in places, unsettled

4 {  
a  
b

some rain and mist, fair

5

intervals; moderate 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.

NORTH CONE HOISTED in Districts 7 and 9 at 3 a.m. today

SOUTH CONE HOISTED in Districts 0, 1 and 6 at 3 a.m. today

6 {  
a  
b

Same as Nos. 0 and 1.

7 {  
a  
b

Southerly winds, veering North-westerly, squally, strong to a gale locally; unsettled, some rain, fair intervals; cool.

8 {  
a  
b

Same as Nos 2 to 5.

9 {  
a  
b

Same as No. 7.

10 {  
a  
b

Wind westerly and North-westerly, strong at times locally; changeable, gusty, some rain; cool

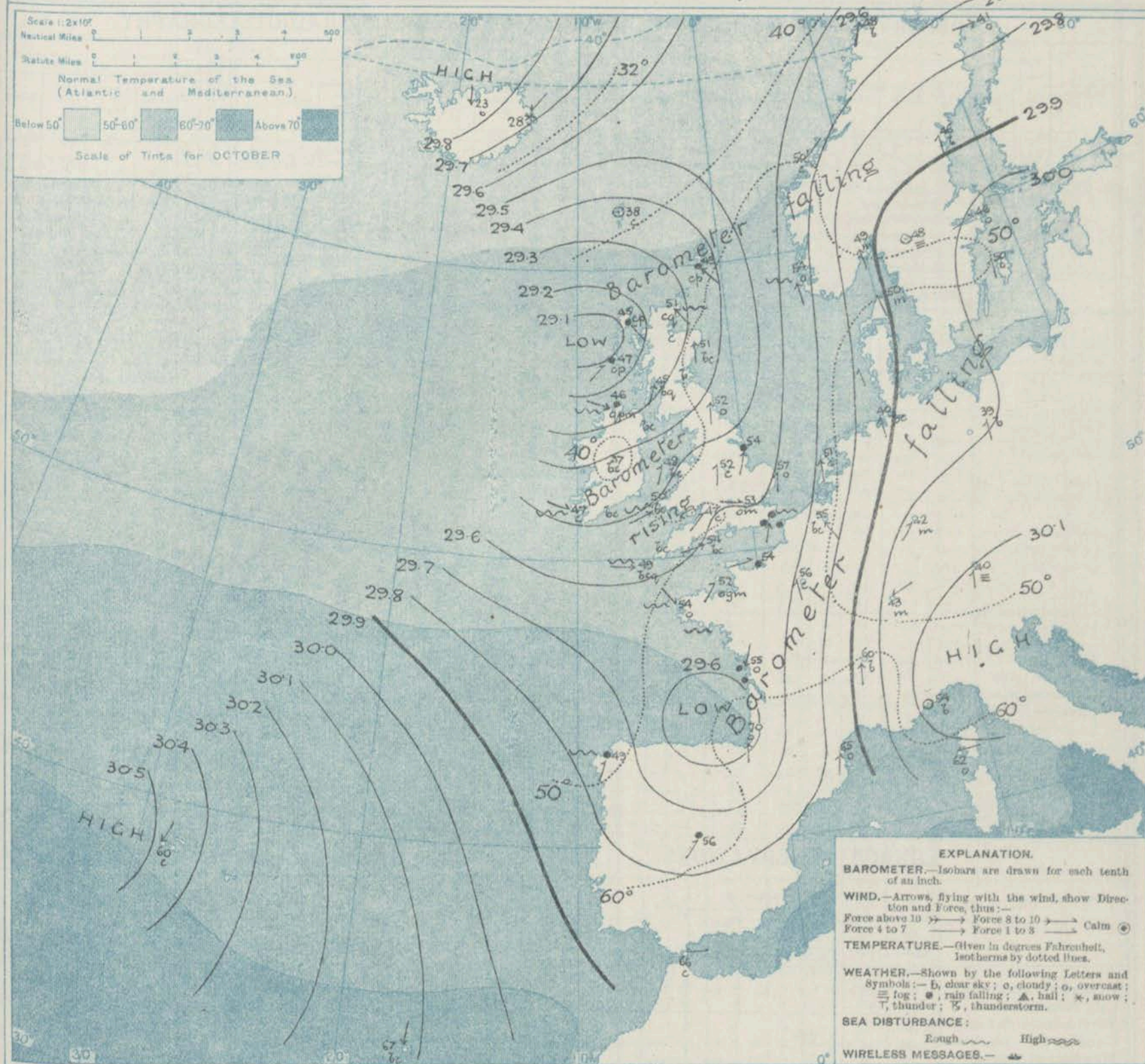
## 11 WESTERN CHANNEL AND BAY.

Variable winds, westerly to northerly and North-easterly, fresh or strong at times; sea moderate; changeable, some rain, mist or fog; cool.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. TUESDAY, 21<sup>ST</sup> OCTOBER 1913.



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

Pressure is now highest, 30.5 in., at the Azores. Over North Italy it is at about 30.2 in. The barometer is falling quickly over Scotland, a new depression nearing the Hebrides, with a reading of 29.1 in. at Castlebay. Another depression has appeared over the north of Spain, with the barometer below 29.6 in. The gradient is considerable over many parts of our area.

Winds from between South and West prevail over nearly the whole of the region under observation, mostly light to moderate in force, but blowing strongly at Malin Head and Skudomoes. At

the home stations temperature ranges from 37° at Birr Castle, and 43° at Donaghadee to 53° at Durrus; on the Continent from 53° at Vardo and Berlin to 66° at Gibraltar, and 70° at Biarritz; and in Iceland

from 23° to 28°. At Spitzbergen the reading is 6°. The weather generally is in a very changeable condition. Rain is falling on our north-western and south-eastern coasts, and in Western France, snow in the east of Iceland. In many localities the atmosphere is misty or foggy.



## DAILY WEATHER REPORT.

Tuesday, 21st October, 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.	
1st 7 a.m.	51	12	<i>Laconia</i>	H	29.51	-0.01	WNW	1-3	c.	20th 11 p.m.	50	12	<i>Zealand</i>	O	29.57	-0.02	SW	(0-18)	c.
"	49	10	<i>Monitor</i>	H	29.59	+0.01	SSW	1-3	bc.	" 7 a.m.	51	26	<i>Empress of Britain</i>	O	29.75	+0.06	WNW	8-9	bc.
20th 6 p.m.	53	21	<i>Royal Edward</i>	O	29.34	+0.08	N	10-11	c.	"	50	22	<i>Laconia</i>	H	29.56	-0.08	NW	8-9	c.
"	51	19	<i>Commanche</i>	O	29.47	+0.06	NW	8-9	c.	"	54	19	<i>Caladonia</i>	O	29.01	+0.06	NW	6-7	c.
"	50	16	<i>Connemara</i>	O	29.33	+0.03	WNW	6-7	c.	"	49	18	<i>Monitor</i>	H	29.53	-0.01	NW	4-5	c.
"	52	14	<i>Commanche</i>	H	29.32	0.00	SW	4-5	c.	"	52	17	<i>Royal Edward</i>	O	29.37	-0.01	W	4-5	c.
"	49	14	<i>Monitor</i>	H	29.54	+0.01	NW	4-5	c.	"	49	16	<i>Philadelphia</i>	O	29.49	-0.03	W	6-7	c.
"	50	13	<i>Zealand</i>	O	29.48	-0.04	WNW	6-7	c.	"	51	15	<i>Commanche</i>	O	29.37	0.00	SSW	0-7	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.	In.	F.	F.			Hr.	Margate	In.	F.	F.			Hr.
Oban	0.03	59	46	bc	p.b.c.	4.0	Ramsgate	"	60	50	"	"	0.4
Stonehaven	"	"	"	"	"	"	Folkestone	"	59	49	"	"	1.0
Carnoustie	"	"	"	"	"	"	Hythe	0.03	58	52	"	o.b.c.	1.0
St. Andrews	"	59	44	bc	bc	6.6	Littlestone	"	"	"	"	"	0.3
England, N.W.	"	"	"	"	"	"	Hastings	"	62	56	bc.o	or.	0.3
(Harrogate)	0.03	59	49	od.b.c.	p.p.r.	3.5	Bexhill-on-Sea	0.11	60	55	o.c.	or.	0.2
Scarborough	"	62	49	c.b.	o.c.	6.2	Eastbourne	0.09	61	57	o.b.c.	ogr.	0.0
England, N.W.	"	"	"	"	"	"	Seaford	0.13	60	55	"	o.or.	0.0
Douglas	"	"	"	"	"	"	Brighton	0.15	60	55	c.o.	or.	0.0
Blackpool	0.17	58	50	c.o.	or.	2.5	Werthing	0.08	61	55	c.o.	or.	0.2
Southport	0.20	57	50	bc.o	op.o.	1.9	Littlehampton	0.08	"	"	"	"	0.2
England, N.W.	"	"	"	"	"	"	Southsea	0.25	64	57	b.b.c.	o.or.	1.5
Buxton	0.02	58	50	bc	bc.	1.9	Ryde	0.24	62	56	c.o.	o.or.	0.5
Leamington Spa	"	63	44	"	"	3.0	Ventnor	0.21	62	55	"	"	1.5
Malvern	"	"	"	"	"	3.5	Bournemouth	0.07	62	55	+c.o.	c.or.	2.1
Wales.	"	"	"	"	"	"	Weymouth	0.02	63	57	b.c.p.	cp.	2.0
Rhyl	0.26	58	49	c.o.	c.o.	2.3	Exmouth	"	"	"	"	"	0.6
Colwyn Bay	0.38	56	51	bc	bc.cd.	1.2	Teignmouth	0.09	60	55	cp	cp.	0.3
Llandudno	0.30	57	49	"	bc.	1.2	Torquay	0.05	59	55	"	"	0.8
Bettws-y-Coed	"	"	"	"	"	"	Paignton	0.06	60	54	op	o.b.	0.1
Aberystwyth	0.04	57	48	o.c.v.	c.or.	0.3	Falmouth	0.30	56	51	cl.or.	or.	0.7
Tenby	0.06	59	48	c.o.	p.	0.0	Bude	0.28	59	50	c.op.	op.	0.5
England, E.	"	"	"	"	"	"	Ilfracombe	0.63	59	51	cp.o	or.	0.5
Lowestoft	0.07	62	52	o.c.b.c.	or.	2.0	Weston-super-Mare	"	61	53	b.b.c.p.	c.b.c.	2.5
Felixstowe	0.04	60	50	bc.c.m.a.	m.or.	1.1							
Walton-on-Naze	0.05	58	50	"	cpd.	0.7							
Southend-on-Sea	0.01	62	51	bc	bc.d.	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.	
	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.											Max.	Min.					
Greenwich (Royal Obey.) ...	%	%	F.°	F.°	F.°	In.				Hr.	Dublin to 4 p.m.	In.	F.°	F.°	F.°					
City (Sunhill Row) ...	82	76	62	51	49	0.49	o	o.or	or.	0.2.	Plymouth to 9 p.m.	0.14	55	47	44	cp.b	bc	bc.		
Westminster (St. James's Ph.)	+	+	+	+	+	+	+	+	+	0.6.	Darwen "	0.14	59	52	50	c.bq.	o	or.		
Camden Sq. (Brit. Rainfall)										0.4	Manchester "	0.27	55	49	46	or.c	c.or.b	bc.or.		
Hampstead (Reservoir) ...	72	94	63	52	50	0.42	c	o.or	or	0.4	Birmingham "	0.02	60	53	48	-	c	c		
Kew. (See front page.)	=	97	60	50	44	0.39	c	or	or.0	0.8.	Oxford to 8 p.m.	"	63	54	51	c.b	bc	c.o.		
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										S. Kensington (Museum Grounds to 6 p.m.)										
Total.			Mean Rate.			Max. Rate.														
393 Joules.			10.5 Milliwatts.			33 Milliwatts.														
S. Kensington (Roof of M.O.)	76	91											0.4	0.24	62	54	48	c.o	cd.or	or.

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

21st & 22nd Oct., 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 6.30 6.32	G.M.T. 11.38 11.38	G.M.T. 4.46 4.43
Greenwich	6.30 6.38	11.45 11.45	4.55 4.52
Wick	7.3 7.6	11.57 11.57	4.51 4.48
Valencia	7.17 7.19	12.26 12.26	5.34 5.32

## NOTES ON YESTERDAY'S WEATHER.

Temperature touched 64° at Portsmouth, and passed 60° at several other localities. Rain fell everywhere, up to  $\frac{1}{2}$  inch. at Valencia and  $\frac{3}{4}$  in. at Jersey. Southern Ireland was visited by a thunderstorm and hail. The duration of bright sunshine was very variable, from none at a number of stations up to 7½ hours in Central Ireland. As far west as the 27th meridian ships experienced S.W. to W. and W. winds, fresh to a strong gale, with fair to dull weather.

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

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



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday.  
22nd October 1913.

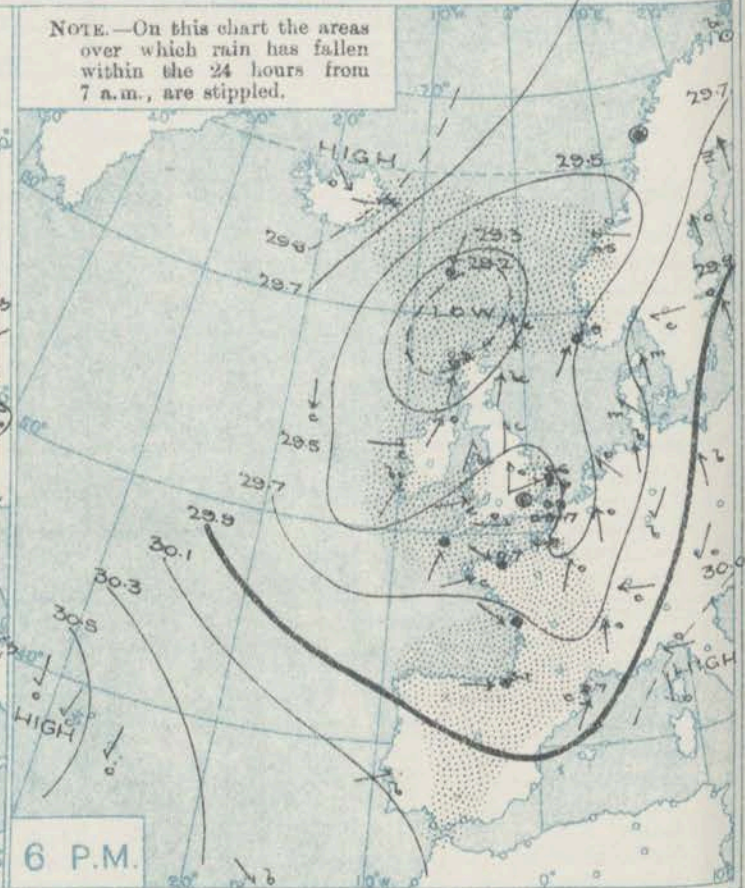
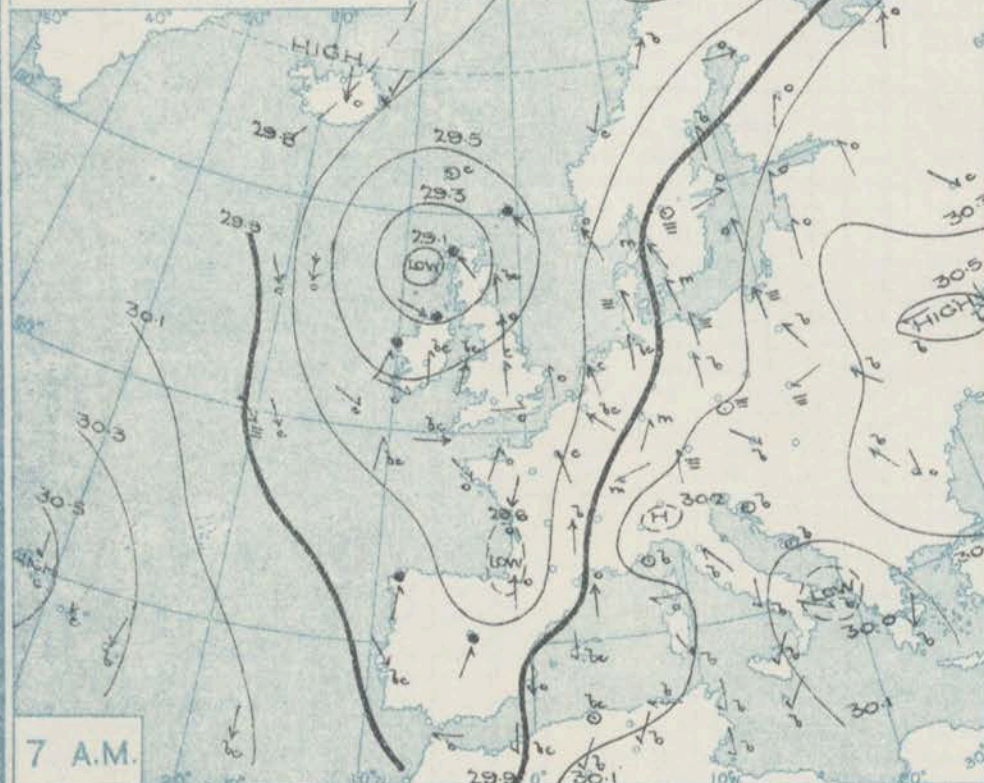
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.			WEATHER.				
	At 32° Fabr. and M.S.L. Lat. 45°.	Dry Bulb.	F.	W.				At 32° Fabr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Rain- fall.	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.		
Verde	29.52	39	-	0	bc	29.45	+0.07	38	-1	SW	4	bc	3	0	0.10	54	47	bc	bc	bc	Hours			
Lerwick	29.20	50	S	8	c	29.27	+0.00	48	-1	SSE	5	bc	4	0.10	54	47	bc	bc	bc	1.1				
Stornoway	29.15	42	SSW	7	bc	29.42	+0.11	45	0	NW	4	bc	4	0.04	49	40	bc	bc	bc	0.9				
Castlebay (Barra Isd.)	29.25	48	SW	4	bc	29.50	+0.08	48	+1	NW	4	bc	4	0.25	49	43	bc	bc	bc	7.1				
Glasgow	29.38	45	SW	3	b	29.55	+0.08	38	-7	WNW	1	bc	3	0.06	48	38	bc	bc	bc	4				
Malin Head	29.31	46	SW	6	0	29.52	+0.08	40	-6	S	3	bc	3	0.06	48	40	bc	bc	bc	3.3				
Blacksod Point	29.33	46	W	3	bc	29.55	+0.08	43	-3	W	1	bc	2	0.09	48	38	bc	bc	bc	3.3				
Valencia	29.45	43	SW	2	bc	29.59	+0.05	36	-11	NNE	1	bc	4	0.03	50	36	bc	bc	bc	3.3				
Roche's Point	29.47	46	W	3	b	29.60	0	39	-7	N	2	b	2	0.02	51	37	bc	bc	bc	7.2				
Birr Castle	29.43	43	S	1	c	29.60	0	30	-7	S	1	bc	2	0	50	30	c	c	bc	1.2				
Donaghadee	29.36	45	SW	2	bc	29.56	+0.07	35	-8	SW	2	b	2	0	52	35	bc	bc	bc	5.0				
Liverpool Obsy.	29.48	46	SSW	3	bc	29.63	+0.07	38	-7	S	2	b	2	0.02	50	38	bc	bc	bc	3.4				
Holyhead	29.44	50	SSW	3	bc	29.58	+0.04	44	-4	W	2	bc	1	0.10	58	44	bc	bc	bc	1.1				
Pembroke (St. Ann's Hd.)	29.49	49	WSW	5	c	29.61	+0.03	48	-2	SW	2	bc	2	0.03	53	46	bc	bc	bc	0.0				
Newquay	29.53	47	SSW	2	bc	29.64	+0.04	42	-2	SE	1	bc	3	0.03	53	38	bc	bc	bc	0.0				
Scilly (St. Mary's)	29.54	46	SW	2	bc	29.61	+0.03	47	-2	WNW	1	bc	4	0.21	54	45	c	bc	bc	0.0				
Jersey (St. Aubin)	29.59	48	WNW	2	bc	29.74	0	51	-1	SSW	3	b	3	0.71	54	47	bc	bc	bc	0.0				
Portland Bill	29.54	53	W	3	bc	29.68	+0.04	53	-1	SW	4	c	4	0.04	56	48	c	bc	bc	0.0				
Dungeness	29.51	51	N	2	r	29.74	+0.04	52	-6	S	3	c	2	0.87	58	44	bc	bc	bc	0.0				
Dover	29.47	48	NNE	3	bc	29.76	0	42	-12	0	0	bc	2	0.84	54	39	r	r	bc	0.0				
Wick	29.34	46	SSW	8	bc	29.32	+0.04	44	-7	SSW	4	bc	4	0.02	52	43	bc	bc	bc	7.8				
Nairn	29.26	43	WSW	3	bc	29.39	0	44	-2	WSW	3	bc	3	0	50	37	bc	bc	bc	3.4				
Aberdeen	29.34	47	SSW	4	bc	29.47	+0.03	41	-10	W	1	b	2	0	54	38	bc	bc	bc	0.2				
Leith	29.39	46	W	1	b	29.52	+0.06	42	-8	WSW	3	b	2	0	52	41	bc	bc	bc	0.0				
North Shields	29.45	49	S	3	bc	29.58	+0.06	42	-10	SSW	3	bc	2	0	52	41	bc	bc	bc	0.0				
Spurn Head	29.52	51	S	2	bc	29.68	+0.08	45	-9	WSW	4	bc	3	0.03	60	43	bc	bc	bc	0.0				
Yarmouth	29.55	49	WSW	1	bc	29.69	+0.04	43	-14	WSW	1	bc	1	0.60	58	43	bc	bc	bc	0.0				
Clacton-on-Sea	29.51	49	NNE	1	bc	29.74	+0.05	50	-6	SSW	2	c	2	0.63	57	45	bc	bc	bc	0.0				
Nottingham	29.55	48	S	1	bc	29.69	0	37	-15	SW	1	b	2	0	52	36	bc	bc	bc	0.0				
Bath	29.54	48	W	1	bc	29.71	0	37	-10	NE	3	b	2	0	52	36	bc	bc	bc	0.0				
London (Kew Obsy.)	29.54	49	0	0	bc	29.73	+0.05	44	-9	SW	1	bc	2	0.20	54	42	bc	bc	bc	0.0				
Spitzbergen	29.71	7	N	2	c	29.71	+0.04	9	+3	0	0	0	0	0	9	3	bc	bc	bc	0.0				
Isafjord	29.71	7	N	2	c	29.71	+0.04	9	+3	0	0	0	0	0	9	3	bc	bc	bc	0.0				
Reykjavik	29.71	7	N	2	c	29.71	+0.04	9	+3	0	0	0	0	0	9	3	bc	bc	bc	0.0				
Vestmanna	29.71	7	N	2	c	29.71	+0.04	9	+3	0	0	0	0	0	9	3	bc	bc	bc	0.0				
Seydisfjord	29.87	26	W	1	S	30.15	+0.04	25	-3	N	7	bc	0	0	2	2	bc	bc	bc	0.0				
Thorshavn	29.19	40	NE	7	r	29.45	+0.13	40	+2	N	7	bc	0	0	2	2	bc	bc	bc	0.0				
Haparanda	29.75	42	S	6	f	29.63	-0.01	44	+3	SW	6	0	0	0	45	37	bc	bc	bc	0.0				
Hernösand	29.79	46	S	4	0	29.66	-0.02	45	-1	SW	2	0	0	0	52	41	bc	bc	bc	0.0				
Stockholm	29.88	49	S	4	0	29.78	-0.01	49	+3	SSE	4	0	0	0	52	45	bc	bc	bc	0.0				
Wisby	29.93	48	SW	2	b	29.85	-0.01	48	-2	S	2	c	0	0	52	45	bc	bc	bc	0.0				
Karlstad	29.79	44	E	2	c	29.64	-0.04	46	-2	0	0	b	0	0	48	41	bc	bc	bc	0.0				
Færd (X'laia Fjord)	29.70	47	SE	3	0	29.51	-0.02	52	+3	S	6	m	3	0	52	46	bc	bc	bc	0.0				
Bodö	29.56	46	0	0	+	29.31	-0.05	46	-2	E	2	+	2	0	48	41	bc	bc	bc	0.0				
Christiansund	29.38	57	ESE	2	0	29.47	+0.01	46	-4	WSW	2	+	3	0.51	57	46	bc	bc	bc	0.0				
Skudesnaes	29.53	50	SW	4	+	29.50	+0.02	46	-8	E	4	0	4	1.46	55	44	bc	bc	bc	0.0				
The Scaw (Skogon)	29.69	51	S	7	m	29.56	0	53	+3	SSE	5	c	2	0	52	48	bc	bc	bc	0.0				
Blaavands Huk	29.61	51	SSE	3	m	29.58	+0.03	54	+9	S	4	0	3	0	54	45	bc	bc	bc	0.0				
Cuxhaven	29.67	54	S	4	b	29.66	+0.04	54	+14	S	3	0	0	0	59	40	bc	bc	bc	0.0				
The Helder	29.50	59	SE	3	0	29.75	+0.14	53	+2	WSW	3	c	2	0.12	63	52	bc	bc	bc	0.0				
Brussels	29.50	62	S	4	0	29.82	+0.08	50	-5	SSW	1	0	0	0.08	67	49	bc	bc	bc	0.0				
Berlin	29.88	50	S	1	b	29.85	+0.01	46	+7	S	3	bc	0	0	59	37	bc	bc	bc	0.0				
Frankfurt	29.86	48	NE	1	b	29.89	+0.03	44	+2	NE	1	m	0	0	59	42	bc	bc	bc	0.0				
Munich	29.92	43	NE	2	0	29.95	-0.01	36	-4	NE	2	b	0	0	48	34	bc	bc	bc	0.0				
C. Gris Nez	29.49	50	NE	5	r	29.73	+0.05	54	-3	SSE	4	c	2	1.73	59	46	bc	bc	bc	0.0				
La Hève	29.52	50	NW	3	r	29.78	0	47	-7	SSW	3	c	4	0.83	54	43	bc	bc	bc	0.0				
Brest (St. Mathieu)	29.65	54	WSW	4	c	29.68	+0.02	57	-3	WSW	2	c	4	0.04	61	50	bc	bc	bc	0.				



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



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



## GENERAL INFERENCE

A general increase of pressure which is taking place over this country will be accompanied by some improvement

## WEATHER PROSPECTS.

in the weather, but in the far north a considerable increase of northerly wind is likely.

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

0 {  
a  
b

Southerly to easterly and northerly winds, squally, strong to a gale, moderating later; changeable, some rain; cool.

1 {

Easterly and North Easterly winds, light to strong, gale locally at times; fine to dull, some showers; cool.

2 {  
a  
b

Light to moderate southerly

3 {

to easterly breezes; fair to

4 {  
a  
b

fine, local passing showers;

5 {

cool.

## FORECAST DISTRICTS.



## STORM WARNINGS.

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

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

SIGNALS HOISTED YESTERDAY  
in Districts 0, 1, 6, 7 and 9  
at 9 a.m.

6 {  
a  
b

Same as No. 1.

7 {  
a  
b

8 {  
a  
b

Same as Nos 2 to 5.

9 {  
a  
b

10 {  
a  
b

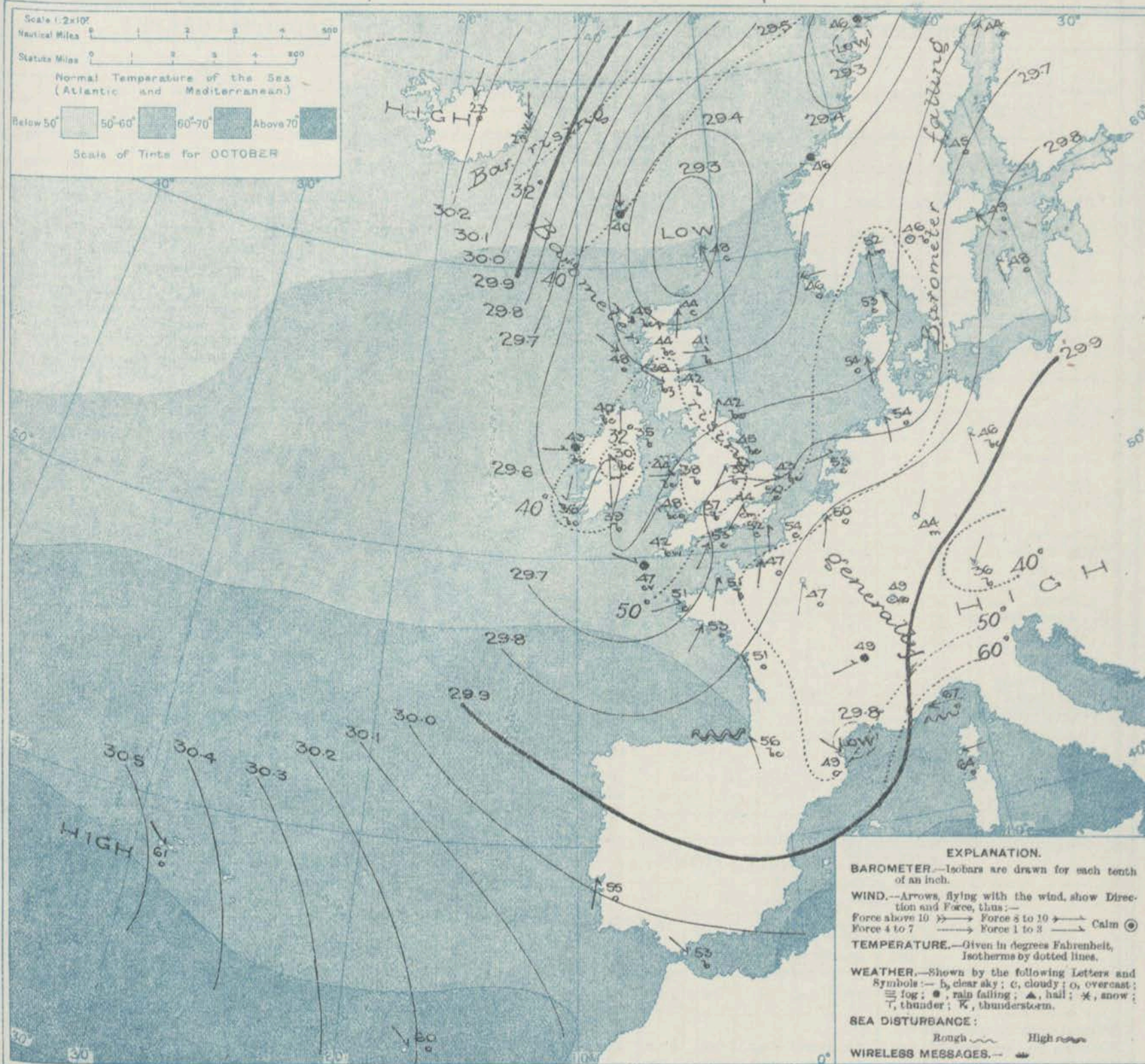
## 11 WESTERN CHANNEL AND BAY.

Light to moderate southerly to easterly breezes; smooth to moderate sea; fair to fine, local passing showers and mist; cool.

## THE FURTHER OUTLOOK.



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



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

Pressure remains at about 30.5 in. out at the Azores, and it has risen above 30.2 in. over Shetland Island. In a depression centred between Shetland and the Faeroe the barometer is below 29.5 in., and it is nearly as low on the north coast of Norway. The gradient is steep between Scotland and Iceland, slight to moderate elsewhere.

North-easterly and northerly winds prevail between the Hebrides and Iceland, strong to high in force, but over the rest of our area the current is southerly or south-easterly, generally light to moderate. Over the British Isles temperature ranges from 50° at Bir-

Castle to 53° at Portland Bill; on the Continent from 36° at Munich, and 38° at Yards to 61° at Nice; in Iceland from 23° to 25°; and at Spitzbergen it is 9°. The weather is fine and clear in many parts of the region under observation, but showers are falling at a few isolated stations at home and abroad, snow in the east of Iceland. The sea is moderate to very smooth on all coasts.



## DAILY WEATHER REPORT.

Wednesday 22nd October, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward H Home	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward H Home	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.	
21st 6 p.m.	54	17	<u>Tunisian</u>	H	29.61	-14	N	6-7	c.	21st 7 a.m.	49	20	<u>Minneapolis</u>	O	29.77	+11	NNW	8-9	f
" 1 p.m.	51	12	<u>Turcoman</u>	H	29.44	00	NW	4-5	bc.	" "	55	18	<u>Neumidian</u>	O	29.66	+07	N	8-9	c.
" 7 a.m.	54	20	<u>Tunisian</u>	H	29.91	-08	NNW	4-5	c.	" "	49	18	<u>Zeeland</u>	O	29.77	+14	NNW	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.	Hr.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	Hr.
		Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.		
Scotland.	In.	F.	F.	Ob.	Op.			Margate	In.	F.	F.	Ob.	Op.		
Oban	0.22	49	39	ob.	op.	2.0		Ramsgate	0.75	53	49	+	+	0.0	
Stonehaven								Folkestone	0.75	55	49	+	+	0.0	
Carnoustie								Hythe	0.92	54	49	+	+	0.0	
St. Andrews								Littlestone						0.0	
England, N.E.								Hastings	0.74	59	49	or	or	0.0	
Harrogate	0.04	48	43	0	0	0.0		Bexhill-on-Sea	0.71	53	50	+	+	0.0	
Scarborough		38	47	0	0	0.0		Eastbourne	0.73	63	51	or	or	0.0	
England, N.W.								Seaford	0.80	60	50	or	or	0.0	
Douglas								Brighton	0.74	54	?	or	or	0.0	
Blackpool	0.35	52	44	c.0	or	1.2		Worthing	0.68	55	49	+	+	0.0	
Southport	0.18	50	43	bc.0	0.6c.	1.3		Littlehampton	0.45					0.0	
Mid-lands.								Southsea	0.51	54	?	or	+	0.0	
Buxton	0.05	49	42	bc	bc.	0.0		Ryde	0.56	54	50	or	or	0.0	
Leamington Spa	0.17	52	48	0	0	0.0		Ventnor	0.60	63	47	+	+	0.0	
Malvern						0.2		Bournemouth	0.55	52	49	+	+	0.0	
Wales.								Weymouth	0.28	54	49	op	+	0.0	
Rhyl	0.08	51	44	c.0	c.0	2.0		Exmouth	0.09	53	44	0	0	0.0	
Colwyn Bay	0.09	52	45	bc	bc. r. bc.	1.6		Teignmouth	0.07	52	45	c.0	0	0.0	
Llandudno								Torquay		52	46			0.0	
Bettws-y-Coed	0.30	61	45	op	op. c.	0.5		Paignton	0.04	51	41	0	0	0.0	
Aberystwyth	0.15	52	48	c.0	c.0	1.0		Falmouth	0.12	52	44	bc.0	0	0.0	
Tenby	0.02	53	45	0	0.0	1.6		Bude	0.01	54	48	bc.0	0	0.0	
England, S.								Ilfracombe	0.25	53	45	op.0	op.0	0.0	
Lowestoft	0.41	53	48	or	or	0.0		Weston-super-Mare	0.08	53	45	bc.	0	0.0	
Felixstowe	0.47	55	49	m. or	m. or	0.0									
Walton-on-Naze	0.47	53	39	or	or	0.0									
Southend-on-Sea	0.53	57	?	+	+	0.0									

## 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.	
Greenwich (Royal Obs.)	78	84	54	41	33	0.20	or	or	0.0
City (Bunhill Row)									0.0
Westminster (St. James's Pl.)									0.0
Camden Sq. (Brit. Rainfall)	96	80	54	43	28	0.20	0	or	0.0
Hampstead (Reservoir)		80	52	42	30	0.19	or	bcx	0.0
Kew. (See front page.)									0.0
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
			Total.	Mean Rate.	Max. Rate.				
S. Kensington (Roof of M.O.)			13.4 Joules.	3.6 Milli-watts.	10.5 Milli-watts.				

## Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.		Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Dublin to 4 p.m.	0.02	51	41	39	cp. b.	0.2
Plymouth to 9 p.m.	0.02	56	47	39	c. b.	1.2
Darwen	0.17	52	52	40	or. c.	
Manchester		54	45	41	0	0.0
Birmingham		54	45	41	0	0.0
Oxford to 8 p.m.		56	47	45	or. 0	0.0
Richmond Park to 6 p.m.						
S. Kensington (Museum Grounds to 6 p.m.)	0.25	59	49	47	or. 0	0.0

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

22nd & 23rd Oct 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 6.32 6.34	G.M.T. 11.37 11.37	G.M.T. 4.43 4.40
Greenwich	6.38 6.39	11.48 11.44	4.52 4.49
Wick	7.6 7.8	11.57 11.56	4.48 4.45
Valencia	7.19 7.21	12.26 12.25	5.22 5.30

## NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 55° in nearly all parts of the British Isles, below 50° at several north-western stations. Night minima below 40° were registered in several localities. Heavy rain fell in many parts of France and the British Isles. Many home stations had no bright sunshine, the records at others ranging up to more than 7 hours at Birn Castle and Warrin. A S.W. gale to a strong gale was felt off the north-east of Scotland. As far west as the 22nd meridian ships experienced W. to N.W. winds, strong to a strong gale at times, with cloudy weather, fog in places.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; 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,  
23rd October, 1913.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	BAROM.	TEMP.	WIND.	Force (0 to 12).	Weather.	BAROMETER.	TEMP.	WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
													At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac.	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.	
Vardø	29.37	32	N	1	m	29.37	+0.21	31	-7	NE	4	0	3	2	28	27	*	*	*	*	
Lerwick	29.57	44	NW	5	omg	29.90	-0.03	34	-14	ENE	2	bcps	4	0.37	50	31	cp	cp omg	omg bc	Hours	
Stornoway	29.94	41	NNE	6	bcg	30.24	+0.01	35	-10	NW	5	bcg	5	0.20	47	35	cpq	bcpg	bcpg	2.4	
Castlebay (Barra Isd.)	29.95	45	NNW	4	op	30.29	+0.02	38	-10	NE	2	op	3	0.28	50	34	obc op	op	rspo	5.2	
Glasgow	29.85	45	W	1	b	30.22	+0.09	38	0	NE	1	od	*	0.07	49	37	b bc	mp bc	bc op	3.1	
Malin Head	29.89	48	N	4	cmg	30.23	+0.05	42	+2	NNE	5	cmg	3	0.47	49	39	omr	cmr	cmg	*	
Blacksod Point	29.93	50	NE	2	cm	30.27	+0.05	41	-2	NNE	6	cy	4	0.07	52	38	bcw	bcw	cmr	*	
Valencia	29.87	47	NE	3	bu	30.18	+0.07	43	+7	NE	4	bc	4	0.07	51	35	bcw	bcw	cmr	8.3	
Roche's Point	29.87	45	NE	1	b	30.12	*	42	+3	NNE	3	b	2	0.02	52	37	b	b	b w.	*	
Birr Castle	29.90	44	NW	1	b	30.19	*	35	+5	NW	1	b	*	0.02	50	30	bc	b	b.	6.9	
Donaghadee	29.86	44	WSW	2	b	30.16	+0.06	46	+11	NNW	4	bc	5	Trace	51	34	bc	bc	bcg	*	
Liverpool Obsy.	29.90	48	W	1	b	30.11	+0.05	41	+3	ESE	2	bmx	2	0.02	52	38	b	b	b.	8.4	
Holyhead	29.88	49	N	2	bu	30.08	+0.04	50	+6	NNE	3	cy	2	0.02	56	41	bcw	bcw	b bc	7.7	
Pembroke (St. Ann's Hd.)	29.86	48	NE	2	b	30.05	+0.05	46	-2	NE	3	cm	2	Trace	55	46	bcg	bc	b.	4.7	
Newquay	29.75	50	SSE	1	o	30.08	+0.05	49	+7	E	2	or	3	0.16	54	42	bu	bu w.	o v.	6.3	
Scilly (St. Mary's)	29.68	53	E	5	cp	29.92	+0.03	53	+6	E	4	cp	5	0.22	55	45	bc	cp	thly op	4.7	
Jersey (St. Aubin)	29.80	56	ESE	5	bc	29.95	*	49	-2	E	5	og	4	0.01	57	48	b bc	b c.	bcg	?	
Portland Bill	29.84	55	SSE	2	b	29.99	+0.03	52	-1	ENE	4	c	3	0.01	58	51	bc	bc	bc.	*	
Dungeness	29.90	54	SSE	2	b	30.08	+0.02	42	-10	E	2	bc	3	0.01	58	41	c	c	c bc	*	
Dover	29.89	50	-	0	bc	30.04	*	45	+3	-	0	cm	2	0.08	56	41	bc	bc	bcw	5.6	
Wick	29.75	45	NNW	7	r	30.10	0.00	34	-10	NNW	5	s	5	0.12	51	32	cp	cp	cmg	*	
Nairn	29.85	45	NNW	5	og	30.20	*	32	-12	-	0	b	2	0.02	50	30	bed	gpc	op.	3.4	
Aberdeen	29.79	46	NNW	5	b	30.18	+0.04	34	-7	NNW	3	b	2	0.02	55	34	b bc	bc	bc.	6.7	
Leith	29.82	48	WSW	3	c	30.19	+0.09	41	-1	NNW	4	o	*	Trace	52	41	b	c	op.	*	
North Shields	29.86	47	W	2	bcg	30.13	+0.08	44	+2	N	4	o	3	0.05	55	40	c	cy	bc.	*	
Spurn Head	29.90	51	SW	2	b	30.07	+0.02	45	0	NW	3	bc	3	0.05	55	42	bc	bc	b.	7.0	
Yarmouth	29.89	52	SW	2	bc	30.03	+0.02	43	0	NW	2	bc	1	0.01	57	43	bc	bc	bcw	3.3	
Clacton-on-Sea	29.89	53	-	0	c	30.06	+0.01	44	-6	NW	2	bcw	1	0.01	57	44	c bc	bc c	c bcw	8.0	
Nottingham	29.91	43	SSE	1	b	30.11	*	33	-4	SW	1	fe	*	0.01	55	31	b	b	bm.	3.1	
Bath	29.88	47	E	-	b	30.08	*	42	+5	ENE	-	o	*	0.01	57	39	b op	b bc	cm.	6.7	
London (Kew Obsy.)	29.91	48	-	0	bm	30.02	+0.03	38	-6	-	0	fw	*	Trace	56	37	cm bc	bc bm	bm.	5.9	
Spitzbergen	29.72	10	NNE	3	c	29.69	0.00	8	-1	SE	2	c	*	0.10	5	*	*	*	*		
Isafjord	30.49	27	E	3	b	30.20	-0.14	28	*	E	3	s	*	0.02	5	*	*	*	*		
Reykjavik	30.38	26	N	2	b	30.24	-0.08	33	*	SW	3	s	0	0.02	5	*	*	*	*		
Vestmanna	30.33	23	N	6	s	30.23	-0.11	22	-3	SW	1	c	*	0.02	5	*	*	*	*		
Seydisfjord	30.33	23	N	6	s	30.23	-0.11	22	-3	SW	1	c	*	0.02	5	*	*	*	*		
Thorshavn	29.97	30	N	5	s	30.14	+0.08	36	-4	N	6	s	*	0.02	5	*	*	*	*		
Haparanda	29.47	43	SW	4	r	29.50	+0.03	40	-4	W	2	o	*	0.24	45	39	bc	bc	bc		
Hernösand	29.56	47	SW	2	o	29.70	+0.02	38	-7	-	0	b	*	Trace	52	37	bc	bc	bc		
Stockholm	29.74	53	SW	4	o	29.88	+0.03	45	-4	WSW	2	o	*	0.04	54	45	bc	bc	bc		
Wisby	29.84	52	SW	4	b	29.97	+0.02	49	+1	W	2	r	*	0.04	57	48	bc	bc	bc		
Karlstad	29.76	48	W	2	b	29.88	+0.02	47	+1	NW	4	o	*	0.04	55	43	bc	bc	bc		
Færder (X'ania Fjord)	29.75	51	SW	4	b	29.85	+0.02	50	-2	WSW	6	c	3	0.04	52	50	bc	bc	bc		
Bodö	29.46	39	SW	4	r	29.65	+0.02	36	-10	N	4	o	2	0.43	46	34	bc	bc	bc		
Christiansund	29.55	46	SW	2	c	29.78	+0.15	37	-9	NE	7	r	4	0.83	50	37	bc	bc	bc		
Skudesnaes	29.72	50	WSW	6	c	29.93	+0.04	44	-2	NW	6	o	4	0.16	52	43	bc	bc	bc		
The Scaw (Skagen)	29.86	50	W	3	m	29.94	+0.01	48	-5	SW	3	o	1	0.16	54	45	bc	bc	bc		
Blaavands Huk	29.95	51	W	1	m	30.05	+0.02	50	-4	W	1	c	1	0.16	55	48	bc	bc	bc		
Cuxhaven	29.95	51	W	1	o	30.07	+0.02	49	-5	S	2	o	0	0.04	57	48	bc	bc	bc		
The Helder	29.96	46	SSW	1	c	30.09	+0.03	40	-13	SSE	1	o	1	0.04	55	39	bc	bc	bc		
Brussels	29.97	47	SSE	1	o	30.04	+0.01	48	-2	E	1	f	*	0.04	52	46	bc	bc	bc		
Berlin	29.90	57	NE	1	b	30.04	+0.08	51	+5	NW	1	o	*	0.04	52	46	bc	bc	bc		
Frankfurt	29.90	54	NE	1	o	30.08	+0.04	50	+6	-	0	f	*	0.12	57	44	bc	bc	bc		
Munich	29.85	50	-	0	o	30.14	+0.04	41	+5	S	1	f	*	0.12	57	44	bc	bc	bc		
C. Gris Nez	29.93	49	SSE	3	bc	30.05	+0.02	45	-9	E	3	c	2	Trace	57	43	bc	bc	bc		
La Hève	29.89	51	SSE	3	bc	29.97	*	42	-5	NE	3	m	2	0.04	57	39	bc	bc	bc		
Brest (St. Mathieu)	29.64	55	SE	5	o	29.88	+0.03	48	-3	ENE	3	o	5	0.04	61	48	bc	bc	bc		
Lorient (Bec Molen)	29.80	55	SE	6	bc	29.86	+0.03	49	-4	E	5	o	4	0.04	59	45	bc	bc	bc		
Rocheport (Ile d'Alz)	29.76	57	E	3	o	29.77	+0.03	52	-4	E	1	c	2	0.04	57	46	bc	bc	bc		
Biarritz	29.76	57	E	3	o	29.77	+0.03	52	-4	E	1	c	2	0.04	57	46	bc	bc	bc		
Paris	29.94	44	SSE	1	o	29.97	+0.01	45	-2	N	1	o	*	0.04	52	41	bc	bc	bc		
Belfort	29.92	50	-	0	o	30.10	*	46	-3	E	2	f	*	0.04	55	45	bc	bc	bc		
Lyons	29.96	46	-	0	o	30.01	*	56	+7	S	1	c	*	0.79	56	44	bc	bc	bc		
Nice	30.02	58	E	1	o	30.19	+0.04	54	-7	E	1	bc	5	0.55	63	52	bc	bc	bc		
Perpignan	29.87	52	-	0	o	29.94	+0.05	57	+8	SE	3	o	*	0.04	59	46	bc	bc	bc		
Sanguinaire	29.97	68	WSW	4	o	30.08	*	67	+3	E	3	m	6	0.04	73	61	bc	bc	bc		
Corunna (8 a.m.)	29.56	54	SSE	3	o	29.67	+0.04	46	-3	SSE	1	o	6	0.51	55	43	bc	bc	bc		
Lisbon (9 a.m.)	29.70	55	SW	1	o	29.66	+0.01	52	-3	N	1	o	6	0.67	59	50	bc	bc			

## GALES.

Duration and Extreme Force  
on British Coasts.

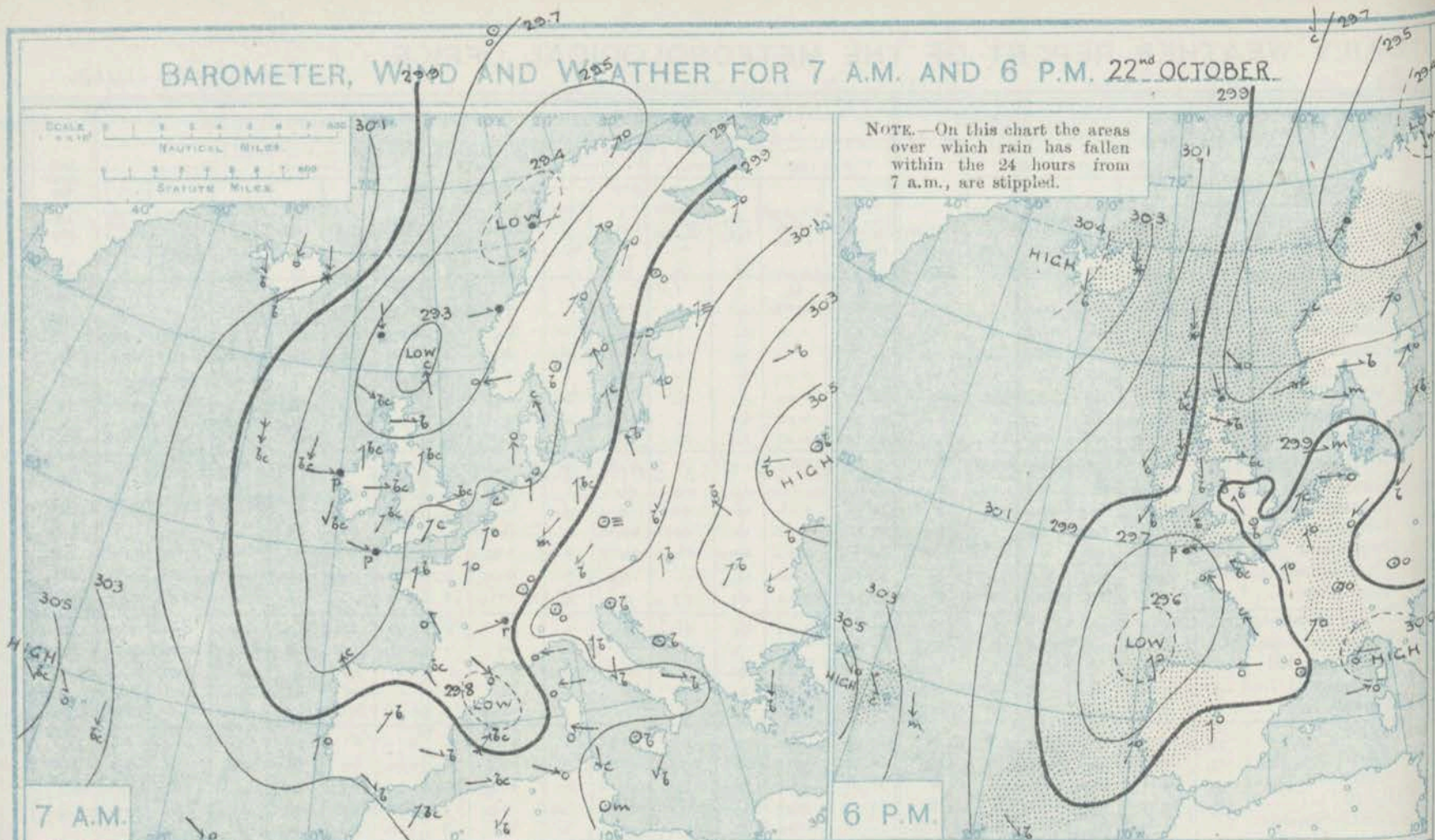
Wick 3 p.m. - 6 p.m.  
Ex. NW 8.

\* 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. 22<sup>nd</sup> OCTOBER.



## GENERAL INFERENCE

Pressure is giving way in Iceland, but all over the rest of our area it is rising. Some backing of the wind is, therefore, probable

## WEATHER PROSPECTS.

over Scotland, but in other districts a Northerly to Easterly type of conditions will prevail.

### FORECASTS FOR THE 24 HOURS NOON THURSDAY

- 0 {  
a } Wind between North and  
b West, fresh or strong at times  
locally; gusty, changeable, fine  
to dull, some rain or snow showers,  
cold, some rise of temperature.

1

- 2 {  
a } Light to moderate North-Westerly  
b to North-Easterly breezes; fair to fine,  
local showers, mist or fog; rather  
cold, local night frost.

3

- 4 {  
a } Calms and light to moderate  
b Easterly to North-Easterly breezes;  
fine to dull, some mist or fog;  
cold, local night frost.

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.

### TO NOON FRIDAY

Light to moderate North-Easterly to North-Westerly breezes; fair to dull, some showers and mist; cold.

- 6 {  
a }  
b }

- 7 {  
a }  
b }

Same as Pros. 2 to 4.

- 8 {  
a }  
b }

Light to moderate Easterly to North-Easterly breezes; fair to dull, some rain and mist; rather cold.

- 9 {  
a }  
b }

Northerly and North-Easterly winds, fresh at times locally; fine to dull, some local showers and mist; rather cold.

- 10 {  
a }  
b }

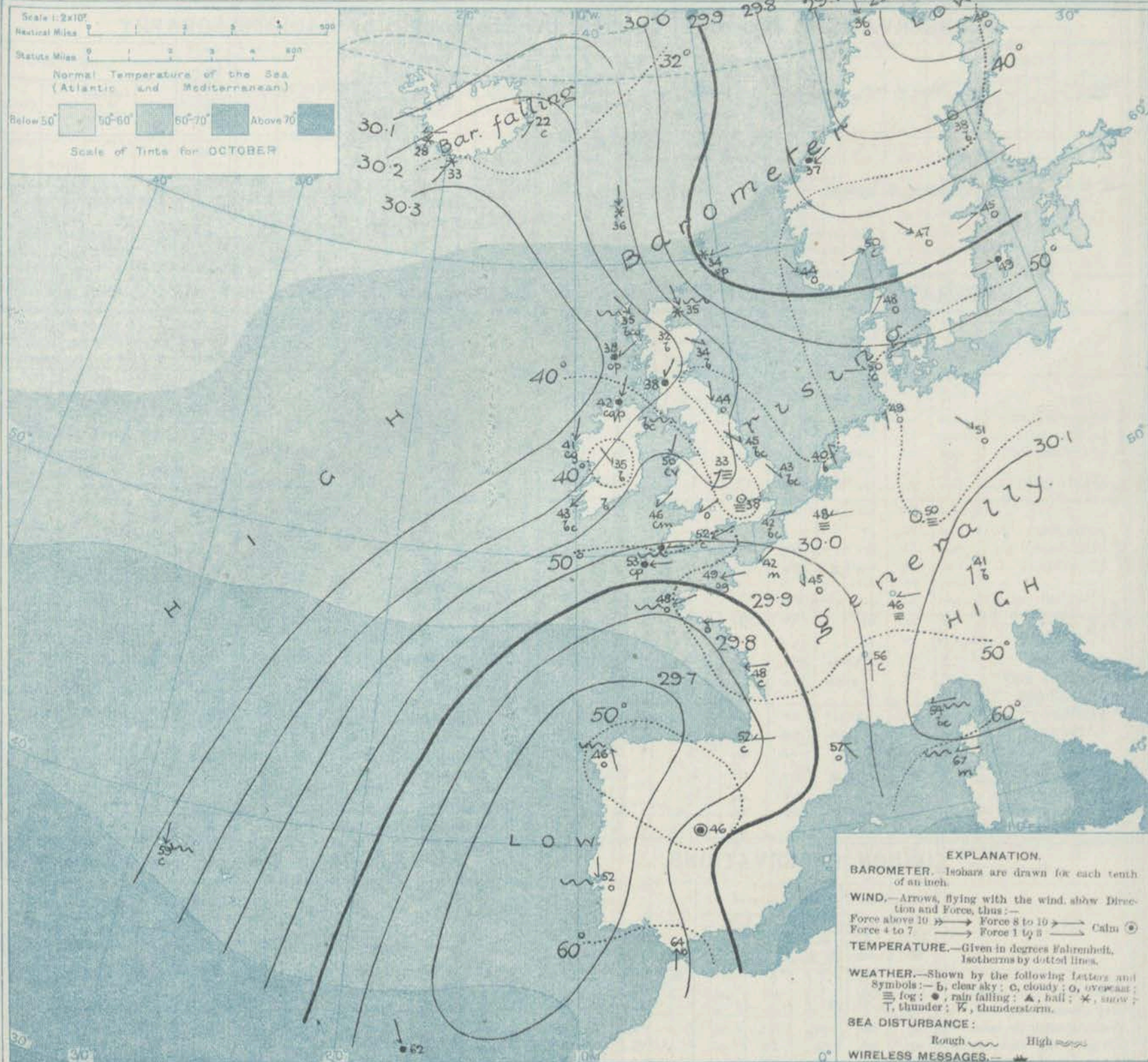
### 11 WESTERN CHANNEL AND BAY.

Easterly and North-Easterly breezes, fresh or strong locally, sea slight to rather rough; dull, rain, mist or fog at times; cold.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. THURSDAY, 23<sup>RD</sup> OCTOBER 1913.



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

An area of high pressure, with the barometer above 30.3 in., extends from the Azores to the north-eastern part of the Atlantic, off the Hebrides. Another anticyclone, with the barometer at about 30.2 in., is indicated over Northern Italy. In a depression over Lapland pressure is at 29.5 in., and in another over the north-west of Spain it is below 29.7 in. The gradient is moderate to slight generally.

At home and abroad the winds are very variable in direction and force, strong or high locally. Over the British Isles temperature ranges from 32° Farns to 53° at Scilly; on the Continent from 31° at

Vardø to 57° at Perpignan, and 64° at Gibraltar; in Iceland from 22° to 33°; at Spitzbergen the reading is 8°. The weather is in a very variable state. Rain is falling at several of our own western stations, and at some Continental ones, snow between the north of Scotland and southern Iceland. The atmosphere is foggy over the inland parts of England and the Continent. The sea is rather rough at a few isolated stations on our own and the Continental coasts.



## DAILY WEATHER REPORT.

Thursday, 23rd October 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.	
22nd 7 a.m.	56	18	Empress of Ireland	O	29.86	+1.0	N	8-9	bc.	22nd 7 a.m.	55	12	Tunisian	H	29.63	+0.4	NW	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 ...	0.28	55	41	ooh	bc.b.	3.3	England, S.E.	Margate ...	0.19	58	41	bc.	bc.	5.8
	Stenehaven ...								Ramsgate ...	0.31	56	40	*	*	5.5
	Carnoustie ...								Folkestone ...	0.77	57	43	*	bc.	5.4
	St. Andrews ...		51	42	bc	bc.	7.9		Hythe ...						
England, N.E.	Harrogate ...		54	37	b	b.bc.	6.5	England, S.E.	Littlestone ...						5.0
	Scarborough ...		54	40	c	b.o.	6.0		Hastings ...	0.18	59	42	o.b.c.	bc.b.	6.2
England, N.W.	Douglas ...							England, S.E.	Bexhill-on-Sea ...	0.22	59	44	bc.b.	b.	7.0
	Blackpool ...		53	38	bc.m.	bc.	8.4		Eastbourne ...	0.41	58	43	o.b.c.	b.bc.	6.2
	Southport ...	0.02	54	38	b	b.	8.7		Seaford ...	0.23	57	44	o.b.c.	bc.	6.2
Mid-lands.	Buxton ...		51	37	bc	bc.	5.6	England, S.W.	Brighton ...	0.47	57	45	o.c.	c.b.c.	5.3
	Leamington Spa ...		56	39	b	b.	7.3		Worthing ...	0.42	59	44	r.b.c.	bc.	6.1
	Malvern ...						7.5		Littlehampton ...	0.49					5.1
Wales.	Rhyl ...	0.04	53	38	b	bc.	8.0	England, S.W.	Southsea ...	0.21	57	41	o.b.c.	bc.	6.0
	Colwyn Bay ...	0.06	55	43	bc.b.	b.bc.	5.0		Ryde ...	0.26	57	48	bc.	bc.	6.0
	Llandudno ...								Ventnor ...	0.20	58	42	*	*	6.3
	Bettws-y-Coed ...	0.32	51	38	bc	bc.	5.8		Bournemouth ...	0.25	58	44	bc.b.	b.bc.	7.0
England, E.	Aberystwyth ...	0.05	53	42	o.c.b.	bc.	8.5	England, S.W.	Weymouth ...	0.20	60	45	b.p.b.	b.p.bc.	6.8
	Teetby ...		55	49	b	b.	5.5		Exmouth ...	0.02	58	38	b.b.c.	bc.	7.4
	Lowestoft ...	0.25	57	42	bc	bc.c.	8.0		Teignmouth ...	0.03	59	38	bc	bc.c.	6.8
	Felixstowe ...	0.11	57	45	bc	b.bc.	8.8		Torquay ...	0.04	57	41	bc	bc.	6.3
	Walton-on-Naze ...	0.11	56	44	bc	bc.c.	7.1		Paignton ...	0.05	58	37	b	b.bc.	6.4
England, E.	Southend-on-Sea ...	0.17	61	45	bc.b.	b.	6.2	England, S.W.	Palmouth ...	0.01	56	40	e.b.	bc.o.	5.4
									Bude ...	0.09	57	47	b.	b.bc.	7.9
								England, S.W.	Ilfracombe ...	0.06	58	41	b	b.bc.	7.8
									Weston-super-Mare ...		55	39	b	b.	8.0

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.	
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.			
			Max.	Min.		Max.												Min.		
			24 HOURS ENDED 9 A.M. TO-DAY.																	
	%	%	F.*	F.*	F.*	In.				Hr.		In.	F.*	F.*	F.*				Hr.	
Greenwich (Royal Obsy.) ...	68	98	59	36	28	-	bc	bc	bc & f	6.7	Dublin to 4 p.m.	-	48	37	35	b	bc	b.	-	
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	4.5	Plymouth to 9 p.m.	0.07	58	42	37	o	bc	bc.	6.6	
Westminster (St. James's Ph.)	69	89	58	42	36	-	bc.o	bc	f	5.6	Darwen "	-	51	36	33	o.b.c	bc	bc	4.9	
Camden Sq. (Brit. Rainfall)	68	92	58	37	35	-	o.c	bc	of	4.3	Manchester "	-	54	39	*	o.c.b	b	bc.c.	7.2	
Hampstead (Reservoir) ...	*	83	55	42	26	-	bc	bcx	c	2.3	Birmingham "	-	54	37	30	-	b	b.	8	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.									Oxford to 8 p.m.	"	57	41	35	o.c	c.b	bc.op.	
			Total.		Mean Rate.		Max. Rate.													
S. Kensington (Roof of M.O.)	67	88	703 Joules.		19.1 Milliwatts.		40. Milliwatts.			5.0	S. Kensington (Museum Grounds to 6 p.m.)	0.04	57	44	35	o.c.o.c	c.b.c	bz	*	

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

23rd & 24th Oct., 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.34 M.T. 6.36	G.M.T. 11.37 M.T. 11.37	G.M.T. 4.40 M.T. 4.38
Greenwich ...	G.M.T. 6.29 M.T. 6.41	G.M.T. 11.44 M.T. 11.44	G.M.T. 4.49 M.T. 4.47
Wick ...	G.M.T. 7.8 M.T. 7.10	G.M.T. 11.54 M.T. 11.56	G.M.T. 4.45 M.T. 4.42
Valencia ...	G.M.T. 7.21 M.T. 7.23	G.M.T. 12.25 M.T. 12.25	G.M.T. 5.30 M.T. 5.28

## NOTES ON YESTERDAY'S WEATHER.

Temperature remained below 60° at nearly all the home stations. In the night frost occurred in several localities, 30° in the shade at Birr Castle and Kairn, 26° on the grass at Hampstead. Nearly  $\frac{1}{2}$  in. of rain fell at Malin Head, smaller amounts elsewhere. There were good bright sunshine records in all districts, from 8 hours to  $8\frac{3}{4}$  hours in several localities. A southerly gale was felt at Wick.

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

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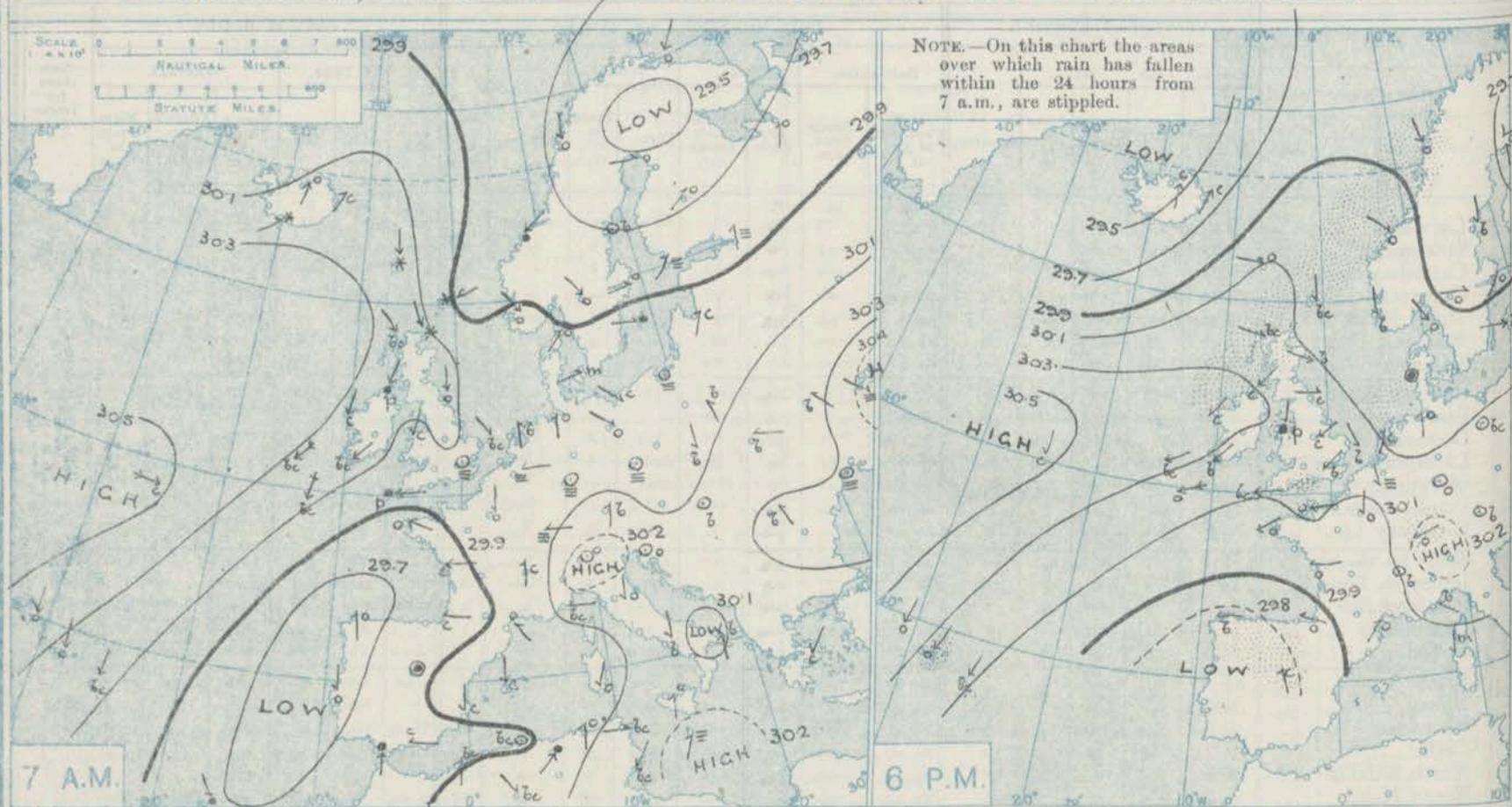
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,  
24th October, 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.	Direc.	Force (0 to 12).			At 32° 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.	
BRITISH ISLANDS.																							
Lerwick ... ..	In. 30.04	F. 39	N	1	bc	In. 29.77	In. -0.08	F. 42	+8	SSW	5	adm	4	In. 0.13	F. 43	F. 33	bcps	bc	bc.or	Hours 7.0			
Stornoway ... ..	30.25	39	WNW	3	bc	29.86	-0.08	47	+12	SW	6	org.	5	0.24	47	35	bcq	bc	bc.org	4.1			
Castlebay (Barra Isd.)	30.28	42	WNW	3	o	29.98	-0.06	48	+10	W	6	+	6	0.10	48	36	h bc sc	ch. bc	o. cap	4.1			
Glasgow ... ..	30.23	37	WNW	1	b	30.14	-0.06	42	+4	WSW	4	o	4	0.05	43	32	ot spc	bu	tyo.	4.7			
Malin Head ... ..	30.30	42	NE	4	c	30.11	-0.04	43	+1	WSW	5	cm	3	Trace	45	40	bcv	cpv	bcv.	+			
Blacksod Point ... ..	30.33	45	NE	2	cu	30.20	-0.04	46	+5	WNW	2	cv	2	Trace	47	35	cg br	bcv	cr bc	+			
Valencia ... ..	30.30	43	NE	4	bu	30.27	-0.01	41	-12	ENE	1	b	3	-	49	30	bcv	bcv	bc.	8.2			
SCOTLAND.																							
Roche's Point ... ..	30.28	42	NE	2	b	30.28	+	34	-8	N	2	c	2	0.02	51	34	b	b	b.c	7.7			
Birr Castle ... ..	30.30	39	NNE	1	b	30.27	+	25	-10	-	0	b	+	-	46	24	bc	b	b.x	+			
Donaghadee ... ..	30.28	44	NNE	4	bc	30.22	-0.01	35	-11	SW	2	bc	2	-	46	34	bcq	bcq	bc	+			
Liverpool Obsy. ... ..	30.23	45	E	3	o	30.26	-0.01	36	-3	SSE	2	b	1	-	49	38	f	f	bm.	0.1			
Holyhead ... ..	30.22	48	NNE	3	cp	30.23	0.00	39	-11	SE	1	bc	1	0.11	50	37	bc p.c	c.c.o	bcn.b	0.4			
Pembroke (St. Ann's Hd.)	30.19	48	NNE	3	b	30.24	-0.01	42	-4	NNE	2	bm	2	-	55	42	cm	b	b.	5.6			
Newquay ... ..	30.13	52	N	2	o	30.22	+0.03	43	-6	SSE	2	b.	2	-	55	41	c. bc	c	b.	1.0			
ENGLAND.																							
Scilly (St. Mary's) ... ..	30.10	54	E	4	bc	30.19	+0.02	52	-1	ESE	4	bm	4	-	56	50	bm	bc	bm.	2.8			
Jersey (St. Aubin) ... ..	30.11	53	E	4	ogm	30.21	+	49	0	EHE	3	bm	3	-	55	47	ogc og	ogm	cm. bm	0.3			
Portland Bill ... ..	30.16	55	SNE	4	c	30.25	+0.02	46	-6	NE	4	b	3	0.05	56	43	c. bc	bc	bc. f.	+			
Dungeness ... ..	30.13	54	NE	3	c	30.24	+0.03	44	+2	N	3	f	2	-	57	40	bc	bc	bc. f.	+			
Dover ... ..	30.13	50	N	3	o	30.25	+	44	-1	NW	3	f	2	Trace	56	43	cm bc	bc o	cf.	4.5			
WELSH.																							
Wick ... ..	30.09	44	NNW	4	c	29.89	-0.08	41	+7	SW	3	og.	5	0.20	45	32	bc. bcq	og.	bcq. og.	+			
Nairn ... ..	30.21	41	NW	2	c	29.95	+	42	+10	WSW	4	og.	3	-	43	30	b.c.	og.	c.o.	3.2			
Aberdeen ... ..	30.13	40	WNW	6	b	30.05	-0.05	39	+5	SW	3	op.	3	Trace	44	23	b. bcq	bcq	bc. op.	7.5			
Leith ... ..	30.22	40	W	2	b	30.11	-0.04	41	0	SW	3	c	+	-	45	36	o.c	b.	b.	+			
North Shields ... ..	30.23	41	WNW	2	c	30.20	-0.02	34	-10	SW	3	ck	3	-	46	32	o.c	c	c.	0.1			
Spurn Head ... ..	30.19	46	N	5	c	30.23	0.00	41	-4	WNW	3	bc	4	0.04	54	40	cp	cp	bc.	4.1			
IRELAND.																							
Yarmouth ... ..	30.13	48	NW	1	bm	30.26	+0.02	40	-3	W	2	bm	1	-	55	39	bc	bm	bm.	2.0			
Clacton-on-Sea ... ..	30.14	51	NW	2	cm	30.28	+0.03	37	-7	NW	2	bc	1	-	55	37	bc ogm	ogm	cm. bc.	0.2			
Nottingham ... ..	30.22	44	NE	4	c	30.28	+	32	-1	WNW	2	f	+	-	51	30	f.m.b.	bc	bc. b.	3.0			
Bath ... ..	30.19	46	NE	-	o	30.30	+	40	-2	E	2	m.	+	-	56	38	om.b.	b. om	om.	3.2			
London (Kew Obsy.) ... ..	30.19	47	NE	1	b	30.29	+0.02	43	+5	-	0	om.	+	-	54	37	fu. fm.	bm. b.	bm.	1.7			
ICELAND, FAEROE, &c.																							
Spitzbergen ... ..	29.74	13.	E	2	o	29.80	+0.04	14	+6	ESE	2	o.	+	-	14	5							
Isafjord ... ..																							
Reykjavik ... ..																							
Vestmanna ... ..																							
Seydisfjord ... ..	29.59	40	SSW	b	c	29.25	+0.01	37	+15	SW	3	c	+	-	+	+	+	+	+				
Thorshavn ... ..	30.10	36	WNW	3	o	29.45	-0.04	45	+9	WNW	6	c	+	-	+	+	+	+	+				
SCANDINAVIA.																							
Haparanda ... ..	29.67	31	S	4	o	29.84	+0.01	17	-23.	NW	2	b.	+	Trace	41	14							
Hernösand ... ..	29.87	36	N	2	b.	29.94	+0.02	28	-10	-	0	b.	+	-	48	23.							
Stockholm ... ..	29.89	45	SW	2	o	29.84	-0.01	39	-6	NE	2	o.	+	-	50	37							
Wisby ... ..	29.99	49	W	4	b.	29.83	-0.04	46	-3	NW	2	c.	+	-	52	45.							
Karlstad ... ..	29.89	46.	W	2	o	29.89	0.00	33	-14	-	0	b.	+	-	52	32.							
Färder (X'anta Fjord) ... ..	29.91	46	WSW	5	b	29.91	+0.02	38	-12	N	4	c	3.	-	50	36							
Bodö ... ..	29.86	29	NNW	5	o	29.87	-0.02	33	-3	E	4	bc.	2.	?	36	? 29							
Christiansund ... ..	30.00	39	NW	2	o	29.84	-0.04	37	0	SEW	2	b	4	0.20	41	36.							
Skudesnaes ... ..	29.99	38	N	2	b.	29.97	-0.02	37	7	-	0	b	2.	-	45	36.							
The Scaw (Skagen) ... ..	29.99	47	NW	5	o.	29.92	+0.01	42	-6	NW	4	b	0.	-	52	29							
Blaavands Huk ... ..	30.07	46	-	0	+	30.03	-0.01	46	-4	WNW	5	bc	4	0.08	54	43.							
GERMANY, &c.																							
Cuxhaven ... ..	30.08	49	S	2	o	30.13	+0.02	47	-2	W	3	c	0	-	55	46							
The Helder ... ..	30.10	48	SSW	1	c	30.24	+0.04	50	+10	WNW	3	bc	3.	0.04	55	40							
Brussels ... ..	30.14	49	NNW	1	f	30.27	+0.04	45	-3	-	0	f	+	Trace	52	43.							
Berlin ... ..	30.12	32	-	0	bc	30.11	+0.07	49	-2	W	3	f	+	Trace	55	46.							
Frankfurt ... ..	30.13	52	-	0	o	30.24	+0.07	48	-2	-	0	f	+	Trace	55	48.							
Munich ... ..	30.16	50	-	0	b	30.24	+0.01	50	+9	SW	2	f	+	Trace	57	41							
FRANCE.																							
C. Gris Nez ... ..	30.13	50	E	2	o	30.25	+0.02	49	+4	NNE	3	bc	2.	Trace	54	45							
La Hève ... ..	30.10	49	ENE	2	m	30.23	+	44	+2	ENE	3	m.	2.	-	54	41							
Brest (St. Mathieu) ... ..	30.02	50	ENE	4	o.	30.12	0.00	48	0	E	3	bc	3.	-	54	48.							
Lorient (Rec. Melon) ... ..	?	52	E	5	o	?	?	50	+1	E	5	o	2.	-	55	46							
Rochefort (Ile d' Aix) ... ..	29.96	57	E	3	o	30.06	+0.03	53	+5	E	3	o	+	-	59	46							
Biarritz ... ..	29.89	58	ESE	3	o	29.97	+0.02	66	+14	ESE	3	c	2.	-	70	52							
SPAIN, PORTUGAL, &c.																							
Corunna (S.a.m.) ... ..	29.74	57	E	2	b	29.82	0.00	52	+6	ENE	1	o	6	0.16	59	46.							
Lisbon (S.a.m.) ... ..																							
Gibraltar ... ..																							
Azores (Horta S.a.m.)	30.30	+	NNE	5	o	30.15	+0.04	59	0	NNE	5	o	4.	0.04	63	57							
Madeira (Funchal) ... ..	29.73	57	SW	3	b	29.56	-0.01	62	0.	SW	3	o		0.24	66	54							



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



## GENERAL INFERENCE

An active disturbance will occasion a considerable increase of wind over our northern districts, with less settled weather, but further

## WEATHER PROSPECTS.

South the conditions will remain of an anticyclonic type.

## FORECASTS FOR THE 24 HOURS NOON *Tuesday*

## TO NOON *Saturday*

- 0 {  
a } Southerly to Westerly winds,  
b } increasing, strong to a gale at times, in  
places; squally, changeable, some rain  
1 } temperature rising somewhat.

- 2 {  
a } Freshening Westerly and South-  
b } Westerly breezes; fair to fine, some mist,  
showers later; some rise of  
temperature.

- 3 } Calms and light variable

- 4 {  
a } breezes; some mist or fog, fair  
b } to fine intervals; cold, night frost  
5 } in places.

### 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 and 1 at 7-10 p.m. today  
in Districts 1, 6, 7, 9 and 8 from today.

- 6 {  
a }  
b }  
7 {  
a }  
b }

Same as Nos. 0 and 1.

- 8 {  
a }  
b }

Light to moderate Easterly to southerly breezes; fine generally, local mist or fog; cold, some frost inland.

- 9 {  
a }  
b }

Same as Nos. 0 and 1.

- 10 {  
a }  
b }

Calms and light variable to South Westerly breezes; fine generally; cold; night frost

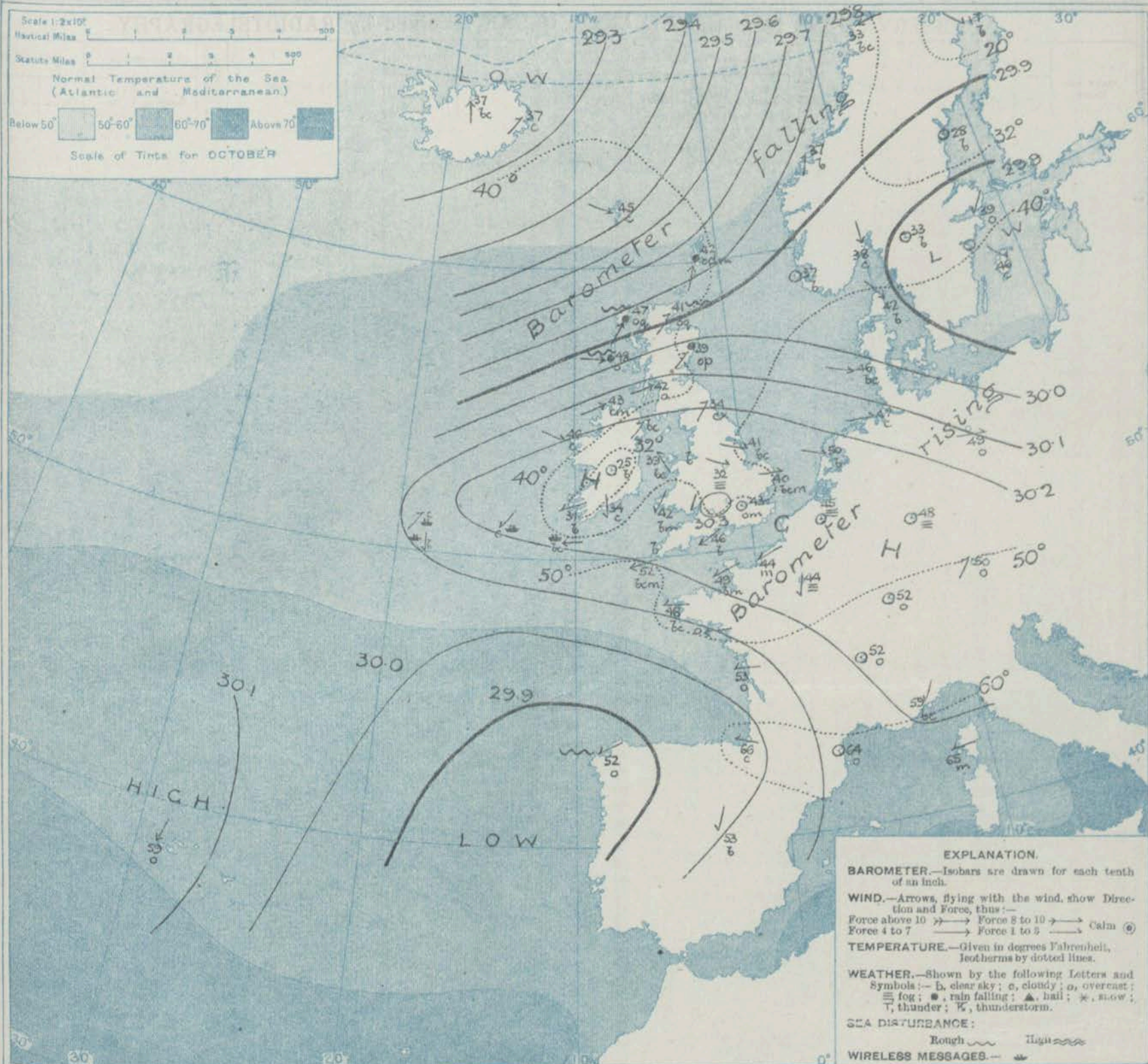
### 11 WESTERN CHANNEL AND BAY.

Easterly breezes, fresh or strong at times; sea moderate to rather rough; dull to fair, some rain; cold.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. FRIDAY, 24<sup>TH</sup> OCTOBER 1913.



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

Pressure is above 30.2 in. over Iceland, England and across to Italy and Bavaria. In a depression over Iceland the barometer is below 29.3 in. and in others over Southern Sweden and North-Western Spain it is below 29.9 in. The gradient is rather steep about Scotland and the Faeröe, moderate to very slight elsewhere.

Circulating round the various pressure systems the winds vary greatly, calm, and light airs in many localities, fresh to strong from the South-Westward round the north of Scotland. The temperature changes are very irregular over the British

Isles the values range from 25° in Central Iceland to 52° at Seilly; on the Continent from 17° at Haparanda, to 66° at Biarritz; at the Iceland stations 37°, and at Spitzbergen. The weather continues very variable all round, from cloudless to overcast, with rain in several parts of Scotland, mist or fog at many places in England and on the Continent. The sea is rough or rather rough round the north of Scotland, moderate to very smooth elsewhere.



## DAILY WEATHER REPORT.

Friday, 24th October, 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.	
	°	'			In.	In.	(0-12).				"	"			In.	In.	(0-12).		
24th 7 a.m.	50	19.	<u>Caronia</u>	H.	?	-07.	N	1-3	b.	23rd 6 p.m.	51	14	<u>Celtic</u>	H	30.28	+0.3	NE	6-7.	?
"	51	18	<u>Royal George</u>	H	30.16	-18	SW	1-3	c.	"	51	14	<u>Montezuma</u>	H	30.37	+0.3	ENE	6-7	bc.
"	51	13	<u>Dominion</u>	O	30.14	-02.	NE	1-3	c.	"	49	12	<u>Vaderland</u>	H	30.25	-0.1	ENE	8-9	o.
"	51	10	<u>Montezuma</u>	H	30.28	-02.	E	4-5	b.	" 7 a.m.	48	25	<u>Oceanic</u>	H	30.50	00	W	8-9	c.
23rd 6 p.m.	50	25	<u>Caronia</u>	H	30.55	+0.04	N	1-3	c.	" 7 a.m.	51	16	<u>Montezuma</u>	H	30.30	-0.1	NE	8-9	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	—	53	36	b	b.	7.0	England, S.E.	Margate	—	56	39	c	c.	1.2
	Stonehaven	—	—	—	—	—	Ramsgate		0.05	56	46	"	"	1.7	
	Carnoustie	—	—	—	—	—	Folkestone		0.09	57	43	of	of.	0.8	
	St. Andrews	—	—	—	—	—	Hythe		—	—	—	—	—	—	1.8
Eng., N.E.	Harrogate	0.02	44	34	p.o	c.o.	0.0	England, S.E.	Littlestone	—	—	—	—	—	2.0
	Scarborough	—	49	39	o	o.	0.0		Hastings	—	57	43	b.c	o.	2.7
England, N.W.	Douglas	—	—	—	—	—	England, S.E.	Bexhill-on-Sea	—	58	45	b.c.o	op.be.	5.0	
	Blackpool	—	52	34	b.c	c.o.		3.4	Eastbourne	0.01	57	42	b.c	bc.	4.7
	Southport	—	49	?	b.c.o	op.		2.9	Seaford	—	57	42	c	c	3.4
Mid-lands.	Buxton	—	47	31	b.c	b.c.	5.3	England, S.W.	Brighton	0.01	58	43	c.b.c	b.c.c.o.	4.0
	Leamington Spa	—	52	38	o	b.c.	2.2		Worthing	0.23	56	43	b.b.c.	bc.	4.5
	Malvern	—	—	—	—	—	2.8		Littlehampton	—	—	—	—	—	4.3
Wales.	Rhyl	0.08	52	34	changeable	—	2.6	England, S.W.	Southsea	—	58	45	b.c.b	b.b.	3.5
	Colwyn Bay	—	53	36	b.c.b	b.b.c.	3.5		Ryde	—	56	52	bc	bc.	4.0
	Llandudno	—	—	—	—	—	—		Ventnor	0.12	58	48	"	"	4.0
	Bettws-y-Coed	—	52	32	—	—	5.8		Bournemouth	—	56	41	mc.b.c.	c.o.	4.0
England, E.	Aberystwyth	—	54	41	c.b.c.	c.b.	6.3	England, S.W.	Weymouth	0.02	57	45	c	b.c.	4.0
	Tenby	—	57	48	b	b.c.	4.6		Exmouth	—	?	43	bc	bc.	2.0
	Lowestoft	—	55	43	c.c.o	c.c.b.	2.4		Teignmouth	0.11	55	49	c.b.c.	bc.	1.7
	Felixstowe	—	54	41	cm.o	mc.b.c.	0.5		Torquay	—	58	51	c	bc	2.2
England, E.	Walton-on-Naze	—	54	41	cm	cm.	0.0	England, S.W.	Paignton	—	56	49	o.b.c	bc.b.	2.4
	Southend-on-Sea	—	53	42	o	o	0.5		Falmouth	0.13	55	50	c.o	o.	0.0
	—	—	—	—	—	—	—		Bude	—	57	49	c	bc.	1.4
	—	—	—	—	—	—	—		Ilfracombe	—	55	48	b.c.c.	c.bog.	2.1
—	—	—	—	—	—	—	—	Weston-super-Mare	—	54	42	c.b.c.b	bm.	5.0	

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.	
			Max.	Min.						
			24 HOURS ENDED 9 A.M. TO-DAY.							
Greenwich (Royal Obs.) ...	%	%	F.°	F.°	F.°	ln.				Hr.
City (Bunhill Row) ...	70	95	53	41	32	-	af	c	c. of.	0.5
Westminster (St. James's Pl.)	*	*	*	*	*	*	*	*	*	1.5
Camden Sq. (Brit. Rainfall)	71	94	58	42	38	-	bc	bc	om.	0.5
Hampstead (Reservoir) ...	79	98	56	37	37	-	om bc	bc m	b. of.	2.9
Kew. (See front page.)	*	98	53	36	23	-	b.	b. of	of.	3.6
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
Total.			Mean Rate.			Max. Rate.				
S. Kensington (Roof of M.O.)	73	94	443 Joules.			12.1 Milliwatts.			31.5 Milliwatts.	1.5

## Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.			WEATHER.			Sunshine for Yesterday.
		Max.	Min.	Min. on Grass.	Night.	Forenoon.	Afternoon.	
Dublin to 4 p.m.		47	37	35	bc	c.b	b	1.5
Plymouth to 9 p.m.	0.12	57	48	41	c.b.	oz	c.b.	2.1
Darwen	0.01	46	37	31	bc. of	bc. of	bc. of	4.0
Manchester		50	35		of. of	bc. of	bc. of	2.7
Birmingham		51	41	25		c	c	1.2
Oxford to 8 p.m.		55	39	33	bc.m.	cm	cm	1.2
Richmond Park to 6 p.m.								
S. Kensington (Museum Grounds to 6 p.m.)	Trace	55	40	30	bc. bc.f.	bc.m.	bc.g.	

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

24th & 25th October 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 6.36 6.37	G.M.T. 11.37 11.37	G.M.T. 4.38 4.36
Greenwich	6.41 6.42	11.44 11.44	4.47 4.45
Wick	7.10 7.12	11.56 11.56	4.42 4.39
Valencia	7.23 7.24	12.25 12.25	5.28 5.26

Temperature remained below 60° all over this country, below 50° in the north and west, not exceeding 43° at Harbin and Rerwick. Night frost occurred in several districts, River Estle registering a shade minimum of 24° and Hampstead a grass minimum of 23°. Snow showers occurred locally in the far north, and rain showers in a few other localities. The duration of bright sunshine was rather variable, some stations had none, others ranged up to 8½ hours at Valencia. As far west as the 26th meridian ships experienced North-Easterly to Northwesterly winds, varying in force from a light breeze to a strong gale, with fair to dull weather.

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

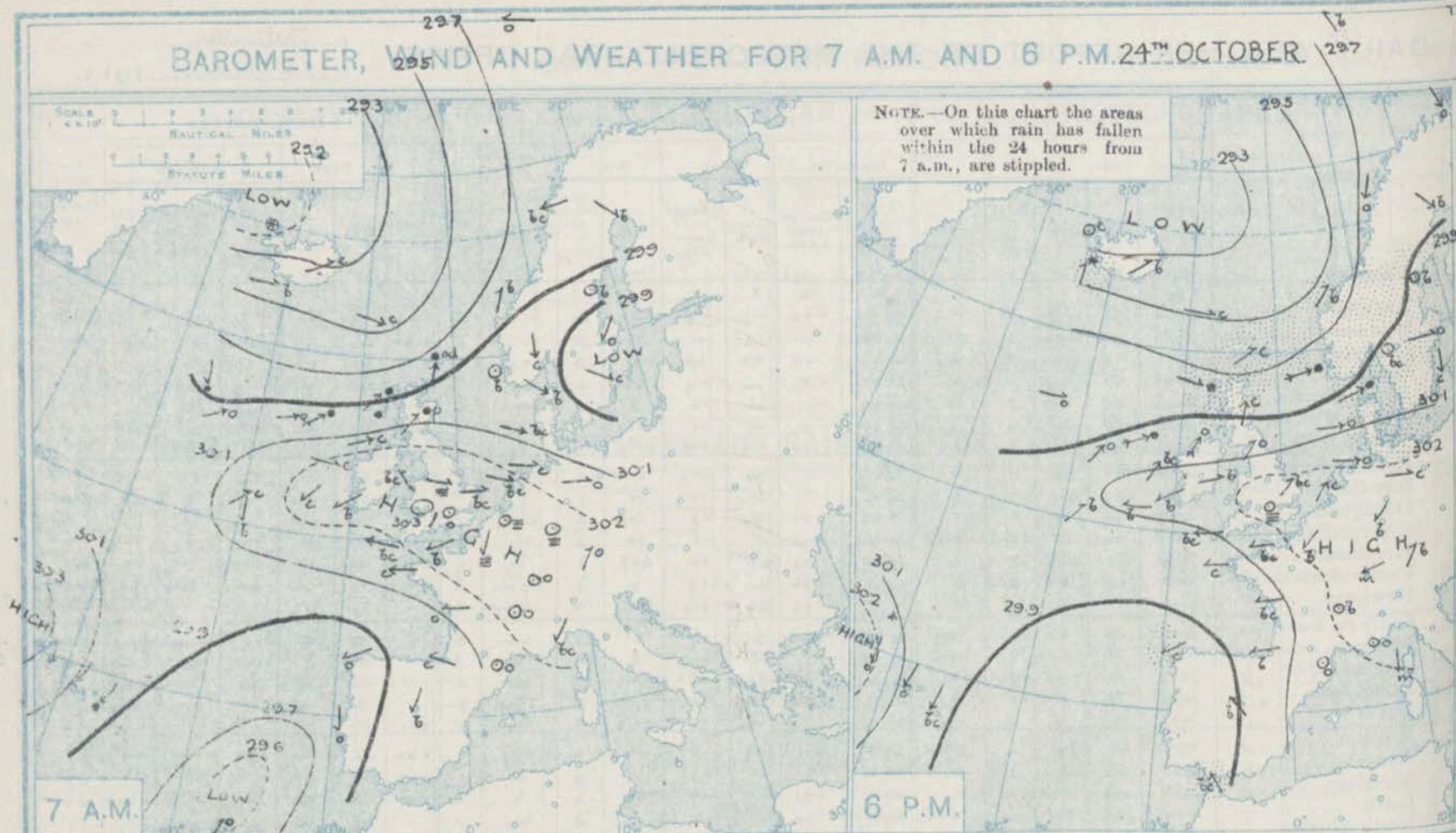
Saturday,  
25th October, 1913.

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.	A. 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Weather.			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.				
Verde	29.87	38	N	6	o	29.85	-0.1	36		NE	6	c	3		38	26							
Lerwick	29.60	48	SW	3	c	29.74	+0.2	46	+4	WSW	3	bc	2	0.26	49	42	stc	cp	dp	dp	dp	dp	dp
Stornoway	29.81	49	WNW	3	or	29.88	0.0	48	+1	SW	3	o	3	0.56	52	47	ot	et	adp	adp	adp	adp	0.0
Castlebay (Barra Isd.)	29.97	52	WSW	5	d	29.90	0.0	53	+5	W	3	o	4	0.36	53	48	r	d	dr	dr	dr	dr	0.0
Glasgow	30.01	46	SW	5	o	30.02	-0.1	46	+4	SW	3	og		0.10	48	41	otsdp	otdp	o	o	o	o	0.0
Malin Head	30.00	49	SW	8	o	29.99	-0.1	46	+3	S	5	om	4		51	42	omg	og	og	og	og	og	0.0
Blacksod Point	30.09	50	SW	4	bc	30.00	-0.2	47	+1	SW	1	bc	1	Trace	52	45							0.0
Valencia	30.12	44	ENE	1	b	29.92	-0.4	46	+1.5	ENE	1	bc	3		50	30							0.1
Roche's Point	30.16	45	NE	1	b	29.98		50	+1.6	ENE	2	cme	2	0.02	51	34	by	by	bmce				0.0
Birr Castle	30.16	39	SW	1	b	30.02		31	+6	N	1	f			48	24	bc	b	zf				6.0
Donaghadee	30.07	44	W	2	c	30.05	-0.1	38	+3	SW	2	bc	2		49	34	bc	bc	bc				0.0
Liverpool Obsy.	30.19	44	S	2	b	30.10	-0.3	37	-1	SE	3	m	2		49	36	bm	b	bm				0.0
Holyhead	30.14	50	WSW	2	b	30.05	-0.2	43	+4	SSE	1	by	0	Trace	53	37	bc	bc	bc				0.0
Pembroke (St. Ann's Hd.)	30.18	48	E	2	b	30.01	-0.6	50	+8	E	3	cm	3		58	42	bm	bm	bm				0.0
Newquay	30.14	51	E	1	by	29.91	-0.3	56	+13	ESE	4	cmw	2		56	42	by	by	bmce				0.0
Scilly (St. Mary's)	30.04	55	E	4	bm	29.88	-0.5	55	+3	E	5	cm	5		58	51	cm	bm	bm				0.0
Jersey (St. Aubin)	30.15	55	E	3	bm	29.98		54	+5	E	3	bm	3		61	48	bm	bm	bm				0.0
Portland Bill	30.17	50	ENE	4	bc	30.01	-0.4	54	+8	ENE	5	bc	3		54	47	bc	bc	bm				0.0
Dungeness	30.24	52	N	1	b	30.12	-0.4	54	+10	ENE	3	bw	3		56	48	bc	bc	bm				0.0
Dover	30.23	47		0	b	30.12		49	+5	ENE	1	bm	4	0.01	57	41	bc	bc	bm				0.0
Wick	29.75	48	SW	2	o	29.87	+0.1	47	+6		0	cp	2	0.25	52	41	og	og	og				0.0
Nairn	29.80	52	WSW	2	oet	29.88		51	+9		0	d	1	0.25	53	41	og	og	og				0.0
Aberdeen	29.88	46	SSW	4	c	29.91	+0.1	46	+7	SW	2	b	2	0.07	50	38	om	og	og				0.0
Leith	29.97	48	SW	4	c	29.97	0.0	49	+8	WSW	3	bc			50	41	og	og	og				0.0
North Shields	30.08	47	SW	3	o	30.06	-0.1	44	+10	SW	3	cz	2		49	39	og	og	og				0.0
Spurn Head	30.17	45	WSW	4	m	30.10	0.0	44	+3	WSW	3	bm	4		55	42	bm	bm	bm				0.0
Yarmouth	30.22	48	SW	1	bm	30.15	-0.1	?	?	SW	1	bm	1		53	43	bm	bm	bm				0.0
Clacton-on-Sea	30.22	50	SW	1	bc	30.14	-0.2	53	+16	ESE	2	bc	2	Trace	56	37	bc	bc	bm				0.0
Nottingham	30.21	40	SW	1	b	30.15		33	+1	SW	1	fe			47	31	bm	bm	bm				0.0
Bath	30.23	44	E		b	30.09		42	+2	NE	4	m			52	35	bm	bm	bm				0.0
London (Kew Obsy.)	30.24	45		0	f	30.12	-0.2	43	0	NNE	1	f			51	37	bm	bm	bm				0.0
Spitzbergen	29.88	12	SE	2	b	29.91	+0.2	16	+2	SE	1	s			14	0							0.0
Isafjord	29.24	34		0	c	29.24																	0.0
Reykjavik	29.37	37	S	2	s	29.53	+0.8	34	+3	SW	3	s											0.0
Vestmanna	29.43	39	W	6	b	29.51	+0.3	35	+2	W	3	bc	3										0.0
Seydisfjord	29.32	34	SW	2	b	29.37	+0.4	35	-2	W	5	b											0.0
Thorshavn	29.50	42	W	3	c	29.61	+0.1	41	-4	WNW	3	c											0.0
Haparanda	29.88	13	NW	4	b	29.55	+0.1	13	-4	N	2	b			23	13							0.0
Hernösand	29.91	23		0	b	29.71	-0.8	34	+6	SSW	2	s		0.08	41	19							0.0
Stockholm	29.91	36	W	2	o	29.82	-0.6	38	-1	S	2	+		0.08	39	32							0.0
Wisby	29.91	43	N	6	c	29.93	-0.3	43	-3	SSW	2	c		0.16	48	39							0.0
Karlstad	29.93	34		0	bc	29.73	-0.6	49	+16	SW	4	o			54	32							0.0
Färder (X'ania Fjord)	29.72	27	NNE	4	o	29.51	-0.5	30	-3	E	5	b	2		34	21							0.0
Bodö	29.51	45	SW	2	o	29.57	+0.2	42	+8	SW	4	+	4	0.51	45	37							0.0
Christiansund	29.78	46	WSW	8	+	29.83	+0.2	50	+13	W	6	o	4	0.43	46	37							0.0
Skudesnaes	29.95	44	WSW	4	+	29.84	-0.1	50	+8	WSW	5	+	2	Trace	50	41							0.0
The Scaw (Skagen)	30.07	49	W	4	o	30.04	-0.1	52	+6	W	4	o	4	Trace	57	43							0.0
Blaavands Huk	30.07	49	W	4	o	30.04	-0.1	52	+6	W	4	o	4	Trace	57	43							0.0
Cuxhaven	30.19	47	W	4	o	30.13	0.0	45	-2	SW	2	b	0	0.12	50	45							0.0
The Helder	30.23	52	SW	3	c	30.17	0.0	45	-5	SE	1	b	1		54	45							0.0
Brussels	30.26	44	ESE	1	b	30.19	-0.4	44	-1	ESE	1	b			55	38							0.0
Berlin	30.23	48	W	1	c	30.25	+0.1	39	-10	SW	1	b			54	37							0.0
Frankfurt	30.28	50	NE	1	b	30.28	+0.2	35	-13	NE	1	b			59	35							0.0
Munich	30.28	52	SW	2	b	30.32	-0.1	40	-10	NE	3	b			Trace	57	39						0.0
C. Grs Nez	30.23	50	ENE	3	b	30.12	-0.4	47	-2	ESE	4	b	2		52	45							0.0
La Hève	30.19	50	ENE	3	m	30.03		47	+3	E	5	m	3		52	43							0.0
Brest (St. Mathieu)	30.04	57	E	3	c	29.88	-0.2	57	+9	ESE	3	b	2		66	48							0.0

## GALES.



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



GENERAL INFERENCE

## WEATHER PROSPECTS.

The changes of pressure are slight, and afford no indication of any

important modification in the existing conditions.

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

- 0 {  
a } Light to moderate South-Westerly  
b } and Westerly breezes; generally fair  
1 { to fine, local showers and mist;  
temperature below the normal.

- 2 {  
a }  
b }  
3 { Light variable breezes,  
mainly Westerly; some mist or fog

- 4 {  
a } fair or fine intervals; cold.  
b }

- 5 { Light to moderate Easterly  
breezes; some mist or fog; fair  
or fine intervals; cold.

#### THE FURTHER OUTLOOK.

#### FORECAST DISTRICTS.



#### STORM WARNINGS.

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

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

SOUTH CONE, HOISTED in Districts 1, 6, 7 and 9, at 8.30 a.m. yday.

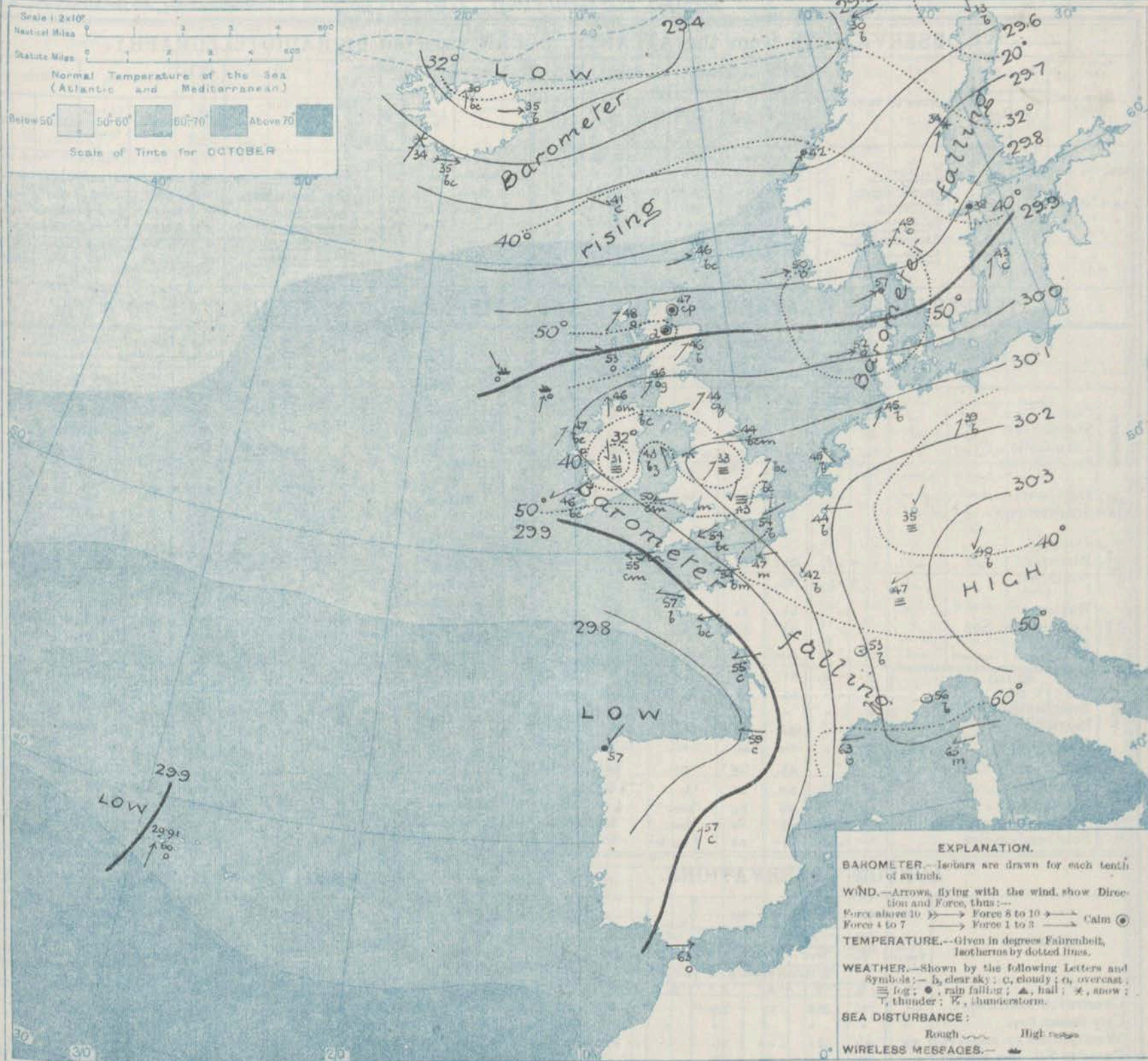
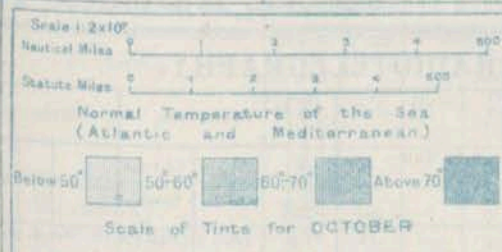
- 6 {  
a } Same as Nos. 0 to 2  
b }  
7 {  
a }  
b } Same as No. 5.  
8 {  
a }  
b } Same as Nos. 0 to 2.  
9 {  
a }  
b } Same as No. 5.  
10 {  
a }  
b }

#### 11 WESTERN CHANNEL AND BAY.

Easterly breezes, fresh or strong at times; sea moderate to rather rough; dull to fair, some rain; cold.



# SYNOPTIC CHART FOR 7 A.M. SATURDAY, 25<sup>TH</sup> OCTOBER 1913.



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

The region of highest pressure is now over South-Eastern Europe, the barometer being above 30.3 in. over Bavaria. In a depression along the Arctic Circle pressure is below 29.4 in., and in another over the Spanish region it is below 29.8 in. The gradient is moderate to slight.

Westerly and South-Westerly breezes prevail over the northern region under observation, North-Easterly to South-Easterly in the south. A gale is reported off the south of Iceland, but generally the force is light to moderate. Over the British Isles temperature ranges from 31° at Bir Castle to 56° at

Newquay; on the Continent from 13° at Haparanda to 63° at Perpignan and Gibraltar; and in Iceland from 20° to 37°. At Spitzbergen the reading is 16°. Fair to fine weather prevails extensively, but with mist or fog at a number of home and foreign stations. Showers are falling locally in the north of Scotland and in Scandinavia, snow at Reykjavik, Hemsö and Spitzbergen. The sea is rather rough off Sicily, moderate to very smooth elsewhere.



## DAILY WEATHER REPORT.

Saturday, 25th October, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
25th 7 a.m.	56	14	Deutonic	H	29.84	0.0	SW	1-3	0.	25th 6 p.m.	56	12.	Monmouth	H	29.78	+0.2	WSW	8-9	F.
" "	55	11	Cameronia	H	29.94	-0.1	SSW	4-5	0	" 1 p.m.	56	12.	Lake Manitoba	O	29.85	-0.5	SW	6-7	m.
25th 6 p.m.	56	21	Deutonic	H	29.84	0.0	W	1-3	0.	" 7 a.m.	56	26	Deutonic	H	29.90	-0.7	NNW	1-3	F.
" "	54	17	Cameronia	H	29.94	-0.1	SW	6-7	0.	" "	54	22	Cameronia	H	30.08	-0.2	SW	6-7	0.
" "	51	17	Donnion	O	30.00	-0.6	SW	1-3	1.	" "	56	17	Virginian	O	29.89	-0.4	WSW	6-7	0.
" "	51	13	Caronia	H	30.16	+0.4	E	1-3	6.	" "	56	15	Monmouth	H	29.80	-0.3	SW	8-9	F.

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	...	...	...	...	...	...	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.	Tenby	...	...	...	...	...	...		Exmouth	...	...	...	...	...	...
	Lowestoft	...	...	...	...	...	...		Teignmouth	...	...	...	...	...	...
	Felixstowe	...	...	...	...	...	...		Torquay	...	...	...	...	...	...
	Walton-on-Naze	...	...	...	...	...	...		Paignton	...	...	...	...	...	...
England, E.	Southend-on-Sea	...	...	...	...	...	...		Falmouth	...	...	...	...	...	...
		...	...	...	...	...	...		Bude	...	...	...	...	...	...
		...	...	...	...	...	...		Ifracombe	...	...	...	...	...	...
		...	...	...	...	...	...		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 Obay.) ...	%	%	F.°	F.°	F.°	In.	b	bm	f	Hr.	Dublin to 4 p.m.	In.	F.°	F.°	F.°	bx	bz	bc	Hr.	
City (Banhill Row) ...	91	100	55	27	29	-	-	-	-	4.5	Plymouth to 9 p.m.	-	46	30	28	-	-	-	-	
Westminster (St. James's Pk.)	85	99	53	40	36	-	m.o	m	f	0.7	Darwen	-	46	34	30	o.bc	bc	bc	4.3	
Camden Sq. (Brit. Rainfall)	81	98	51	37	35	-	of	bm	bm.f	1.3	Manchester	-	46	39	-	bx.o	c.fcz	bx.bz	0.7	
Hampstead (Reservoir) ...	-	100	52	37	25	-	bef	fea	fe.	3.7	Birmingham	-	50	36	32	-	o	b	4.1	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.								Oxford to 8 p.m.									
			Total.		Mean Rate.		Max. Rate.				Richmond Park.	*	*	*	*	*	*	*	4.8	
S. Kensington (Roof of M.O.)	74	99	360 Joules.		9.7 Milliwatts.		22.5 Milliwatts.			1.2	S. Kensington (Museum Grounds to 6 p.m.)	Trace	53	42	33	bcz.mf	f.bm	bm.	-	

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

25th & 26th Oct., 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 6.37 L.M.T. 6.29	G.M.T. 11.37 L.M.T. 11.27	G.M.T. 4.36 L.M.T. 4.35
Greenwich	G.M.T. 6.42 L.M.T. 6.44	G.M.T. 11.44 L.M.T. 11.44	G.M.T. 4.45 L.M.T. 4.44
Wick	G.M.T. 7.12 L.M.T. 7.14	G.M.T. 11.56 L.M.T. 11.56	G.M.T. 4.39 L.M.T. 4.37
Valencia	G.M.T. 7.24 L.M.T. 7.26	G.M.T. 12.25 L.M.T. 12.25	G.M.T. 5.24 L.M.T. 5.22

## NOTES ON YESTERDAY'S WEATHER.

Temperature failed to reach 55° in nearly all parts of the British Isles. Rain fell over northern Scotland, more than 1 in. at Stornoway. Bright sunshine was again very variable, none in several places, from 8 hours to 3 1/4 hours at some southern stations. As far west as the 26th meridian ships experienced very variable winds, from light airs to a gale in force, with changeable weather, fine to dull and rainy.

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.



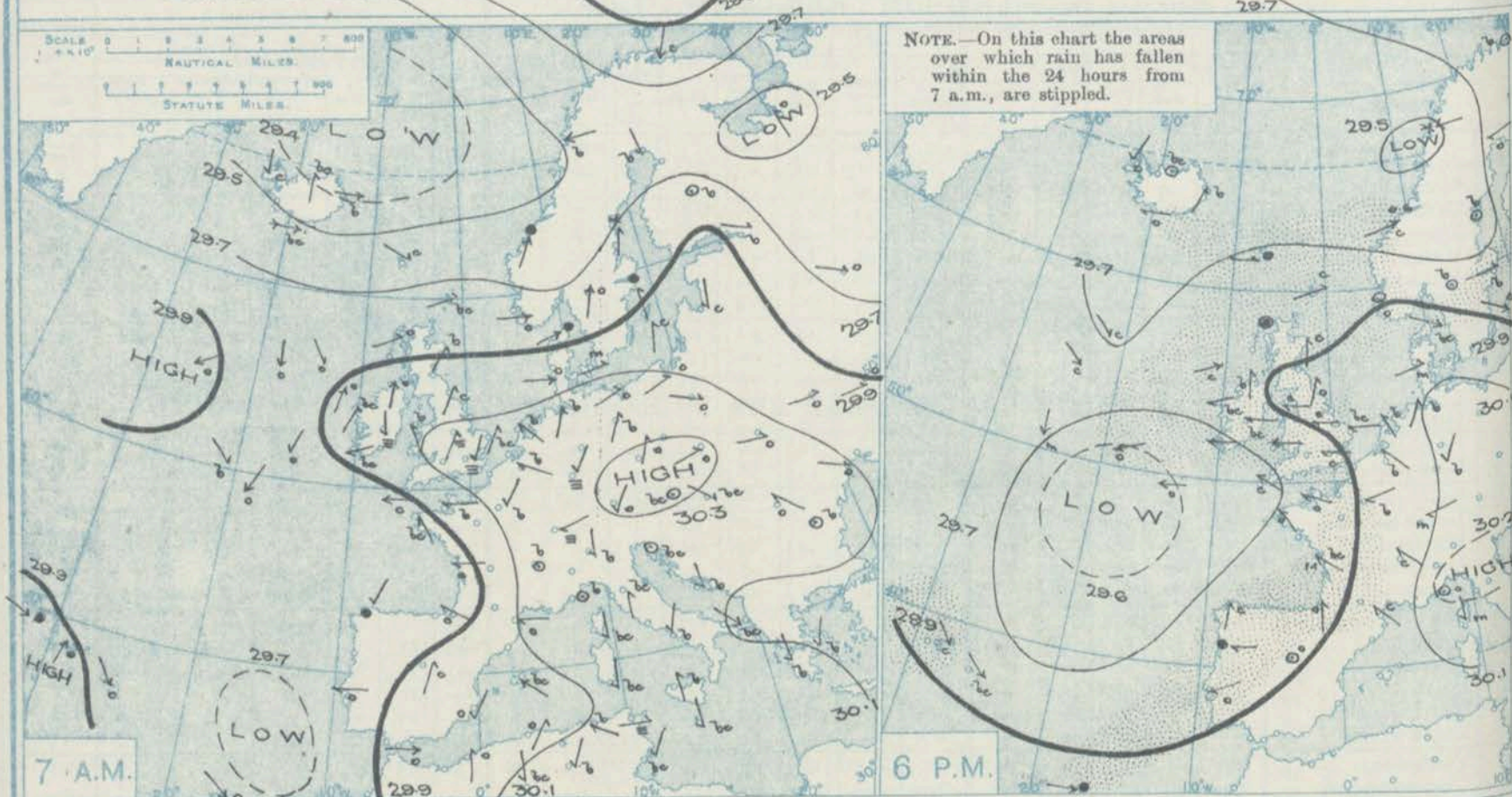
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
26th October, 1913.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	BAROM. TEMP.		WIND.		Weather	BAROMETER.		TEMP.		WIND.		Weather.	Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.						
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	Force (0 to 12).		At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).				Max.	Min.	Morning. 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.				
	In.	F.				In.	In.	F.							In.	F.	F.						
BRITISH ISLANDS.	Lerwick ... ..	29.84	46	WSW	2	c	29.73	-0.4	48	+2	ESE	1	ond	3	0.06	50	43	bcp	bc	c atm	*		
	Stornoway ... ..	29.87	49	-	0	atm	29.67	-0.5	44	-4	-	0	c	0	0.22	51	44	odp o	atm	o c c	0.0		
	Castlebay (Barra Isd.)	29.86	51	SW	2	o	29.59	-0.3	50	-3	E	3	o	3	0.01	53	47	dp o	c	a b c o	0.0		
	Glasgow ... ..	29.94	45	WNW	1	b	29.66	-0.7	45	-1	E	3	og	8	0.01	52	39	o c	b c b o	b l g o p	1.8		
	Malin Head ... ..	29.87	47	SSE	1	b	29.54	-0.6	50	+4	SE	3	tm	2	0.15	53	42	bc	bcm	bcm	*		
	Blacksod Point ... ..	29.79	52	ENE	1	bcm	29.49	-0.5	51	+4	S	1	omr	1	0.48	54	45	bc	bc	bc o r l	*		
	Valencia ... ..	29.67	59	E	4	og	29.48	-0.1	55	+9	S	3	o	4	0.05	63	43	bog	bog	c o r	6.9		
	Roche's Point ... ..	29.73	54	E	4	o	29.55	*	55	+5	SW	3	o	3	0.03	56	50	cm	cm	dp	*		
	Birr Castle ... ..	29.78	51	E	1	bc	29.51	*	55	+24	S	1	m	*	0.03	58	30	fb	bc	cl f	5.7		
	Donaghadee ... ..	29.91	52	ESE	2	bc	29.59	-0.7	54	+16	SSE	2	omr	3	0.09	55	37	bc	bcm	bcm o r	*		
	Liverpool Obsy. ... ..	29.89	48	ESE	3	c	29.63	-0.5	50	+13	SE	4	ogq	4	0.11	51	37	bc	bc	dp	1.2		
	Holyhead ... ..	29.03	54	E	3	cv	29.58	-0.2	57	+14	S	3	adm	2	0.04	57	42	b b c m	cl b c o	b b c m	4.7		
	Pembroke (St. Ann's Hd)	29.72	57	E	4	bc	29.62	0.0	56	+6	SW	4	ogp	3	0.11	60	50	cm	b g m	og m p	2.7		
	Newquay ... ..	29.68	61	ESE	5	c	29.65	0.0	53	-3	SSE	1	oc	2	0.01	64	53	b	bo	dp o m	6.0		
	ICELAND, FAEROE, &c.	Scilly (St. Mary's) ...	29.66	56	ESE	5	cm	29.64	0.0	54	-1	SSW	2	bc	4	-	59	54	bcm	bcm	cm bcm	0.5	
Jersey (St. Aubin) ...		29.78	63	ESE	3	ogm	29.72	*	57	+3	SW	2	ogtm	1	0.04	65	53	b m	bc cmg	om o g r	5.4		
Portland Bill ... ..		29.80	59	ENE	5	bc	29.68	-0.1	59	+5	W	3	o	2	trace	60	53	bc	bc c	bc c o	*		
Dungeness ... ..		29.89	59	ENE	4	bog	29.71	-0.3	59	+5	E	1	bc	1	-	61	53	bog	bog	bog w	*		
Dover ... ..		29.90	58	ENE	4	b	29.69	*	58	+9	SSW	2	bog	4	0.01	60	48	m b	b p b o b	bc g m f	7.8		
Wick ... ..		29.87	49	ENE	1	o	29.69	-0.7	50	+3	ESE	2	bc	2	0.09	51	46	cm p d	c o m d	cm b c	*		
Nairn ... ..		29.88	52	W	1	og	29.67	*	39	-12	-	0	c	1	0.01	57	36	bc g	bc c	o	4.5		
Aberdeen ... ..		29.88	53	S	1	c	29.73	-0.3	42	-4	-	0	o	2	0.02	60	37	bc b	b b c c	og b o p	6.3		
Leith ... ..		29.92	49	W	1	o	29.67	-0.6	48	-1	S	1	o	*	trace	56	36	bc	bc c	og	*		
North Shields ... ..		29.94	52	SSW	3	og	29.70	-0.1	52	+8	ESE	2	o	2	-	57	42	c	c o	o o p c	5.6		
Spurn Head ... ..		29.46	52	ESE	2	m	29.69	-0.4	54	+10	SE	3	cm	4	trace	56	42	b m	b m	c	6.3		
Yarmouth ... ..		29.99	55	E	3	bc	29.71	-0.2	55	?	SSE	3	bcm	3	0.01	58	39	bc	bc	b o m p	8.2		
Clacton-on-Sea ... ..		29.94	56	E	4	bc	29.68	-0.4	55	+2	SE	1	cm	2	-	58	52	bc b	b b c c	bc c m	8.4		
Nottingham ... ..		29.94	50	E	3	c	29.68	*	50	+17	E	1	omr	*	0.01	53	33	b	cp	c b	1.5		
Bath ... ..		29.84	54	ENE	4	m	29.70	*	55	+13	NE	1	m	*	0.01	59	44	m b	b b c o m	o b o m p	3.4		
London (Kew Obsy.) ...	29.89	55	E	2	cm	29.69	-0.2	50	+7	-	0	fw	*	trace	59	42	f b m	b m m	cm fw	1.5			
SCANDINAVIA.	Spitzbergen ... ..	29.96	17	-	0	s	30.02	+0.4	15	-1	-	0	o	*	?	18	7	GALES.  Duration and Extreme Force in British Islands					
	Isafjord ... ..	29.67	32	NE	3	o	29.52	-0.5	31	-2	NE	4	o	*	*	*	*						
	Reykjavik ... ..	29.60	35	E	2	o	29.42	-0.2	36	+2	-	0	c	*	*	*							
	Vestmanna ... ..	29.61	36	E	1	o	29.43	-0.2	38	+3	SE	1	r	2	*	*	*						
	Seydisfjord ... ..	29.56	33	SW	3	b	29.54	-0.3	31	-4	-	0	c	*	*	*	*						
	Thorshavn ... ..	29.71	42	W	3	t	29.67	-0.4	41	0	SSW	1	o	*	*	*	*						
	Haparanda ... ..	29.73	21	E	2	o	29.71	+0.4	16	+3	E	2	b	*	-	23	12						
	Hernösand ... ..	29.65	32	-	0	b	29.72	+0.5	36	+2	S	2	b	*	-	37	28						
	Stockholm ... ..	29.75	44	W	2	b	29.80	+0.2	39	+1	W	2	b	*	0.16	46	36						
	Wisby ... ..	29.83	50	NW	4	c	29.87	+0.2	49	+6	NW	2	b	*	0.20	50	43						
	Karlstad ... ..	29.80	44	-	0	b	29.84	+0.2	38	-11	-	0	b	*	-	54	36						
	Vardö ... ..	29.84	25	-	0	b	29.63	-0.4	29	+3	NE	6	s	4	?	24	23						
	Bodö ... ..	29.48	29	E	6	s	29.53	+0.1	36	+6	SSW	4	o	2	?	32	28						
	Christiansund ... ..	29.64	45	WSW	7	c	29.79	+0.3	44	+2	NW	1	o	5	0.55	46	39						
	Skudesnaes ... ..	29.90	50	-	0	o	29.86	-0.1	49	-1	E	2	o	2	0.12	50	48						
Færder (X'lania Fjord)	29.82	50	WSW	4	c	29.86	+0.2	48	-2	W	2	bc	3	-	50	48							
The Scaw (Skagen) ...	29.93	51	WNW	4	bc	29.90	0.0	51	+1	WSW	2	c	0	-	54	48							
Blaavands Huk ... ..	30.04	51	WSW	2	m	29.95	-0.3	45	-7	SE	1	f	1	-	54	37							
GERMANY, &c.	Cuxhaven ... ..	30.10	43	SW	2	b	29.95	-0.4	42	-3	E	3	b m	0	-	52	37						
	Berlin ... ..	30.11	52	NE	1	b	30.04	0.0	41	+6	NE	1	f	*	-	57	36						
	Frankfurt ... ..	30.17	50	E	1	b	30.11	-0.3	41	+1	SE	2	c	*	-	61	37						
	Munich ... ..	30.06	48	SSE	1	b	29.79	-0.6	50	+5	E	3	c	1	-	57	41						
	The Helder ... ..	29.97	54	SE	2	b	29.79	-0.2	59	+15	SE	3	o	*	-	65	44						
	Brussels ... ..	29.97	54	SE	2	b	29.79	-0.2	59	+15	SE	3	o	*	-	65	44						
	FRANCE	C. Gris Nez ... ..	29.89	58	E	5	b	29.73	-0.4	58	+11	S	4	o	2	-	64				55		
		La Hève ... ..	29.81	63	E	5	m	29.73	*	57	+10	ESE	3	o	2	0.04	66				54		
		Ushant ... ..	29.71	57	S	5	o	29.71	*	57	+1	W	3	o	3	-	64				46		
		Brest (St. Mathieu) ...	29.71	61	SE	4	o	29.71	-0.2	57	0	WSW	3	c	2	-	70				57		
		Lorient (Bec Molen) ...	?	61	SE	4	o	?	*	59	+4	NW	1	o	1	-	64				57		
		Rochefort (Ile d'Aix) ...	29.80	64	SE	3	bc	29.73	-0.3	59	+4	SW	3	r	*	1.06	70				55		
		Biarritz ... ..	29.89	60	ENE	2	b	29.78	-0.4	62	+20	SSE	3	o	*	trace	71				42		
		Paris ... ..	30.06	57	ENE	2	m	30.02	*	52	+5	E	2	o	*	-	66				46		
		Belfort ... ..	30.06	63	SE	2	c	29.96	*	60	+7	SE	1	c	*	-	75				53		
Nice ... ..		30.22	60	-	0	o	30.18	+0.1	62	+6	-	0	b	3	-	68	55						
Perpignan ... ..		30.00	66	SE	2	c	29.83	-0.1	64	+1	S	2	b	*	0.04	70	62						
Sanguinaire ... ..		30.13	68	N	3	m	30.09	*	52	-13	SE	4	m	3	-	70	52						
SPAIN, PORTUGAL, &c.		Corunna (8 a.m.) ... ..	29.74	63	SSW	2	c	29.78	0.0	54	-3	SSW	1	o	2	0.16	64				52		
		Lisbon (9 a.m.) ... ..	29.76	59	ENE	1	o	29.87	+0.4	60	+3	SE	3	bc	5	0.16	64				57		
		Gibraltar ... ..	29.76	59	ENE	1	o	29.87	+0.4	60	+3	SE	3	bc	5	0.16	64	57					
	Azores (Horta, 8 a.m.)	29.84	*	NW	4	c	30.00	+0.2	58	-2	SW	3	o	3	0.20	64	57						
Madeira (Funchal) ...	29.97	64	W	3	t	29.93	+0.1	66	+3	W	3	t	3	0.20	73	61							



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



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

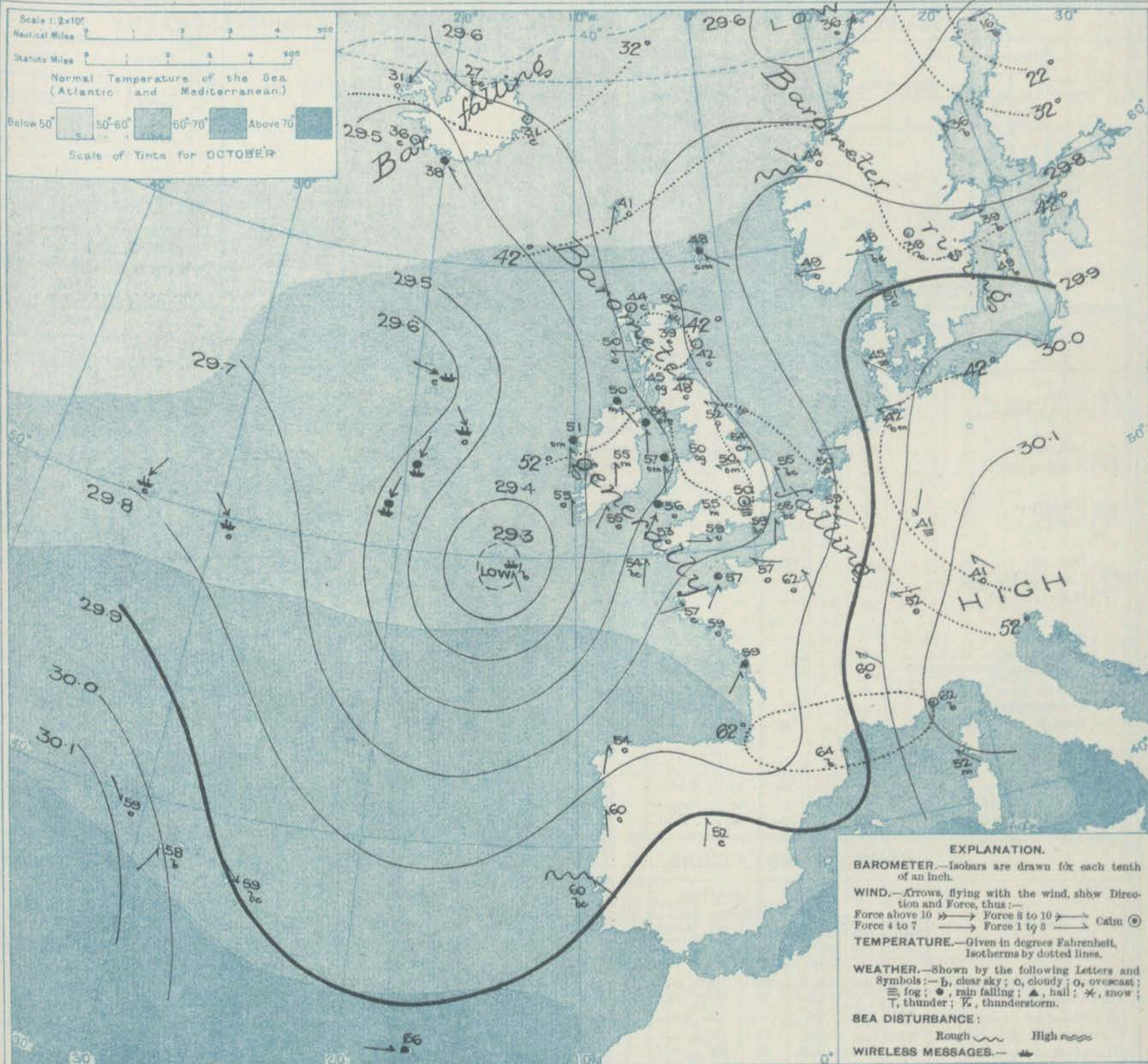
11 WESTERN CHANNEL AND BAY.

*None Issued.*

THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Sunday 26<sup>th</sup> OCTOBER 1913.



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

The barometer is high to the westward of the Azores and over south Germany and the south-east of France. A well marked depression of moderate intensity (29.2 in. and less) lies some little distance to the south-westward of Ireland, and shallow secondary disturbances are passing from south to north over various parts of the United Kingdom and France.

Light breezes from between South-East and South-West are prevalent over western Europe generally, but in the south of Scandinavia the wind draws into the Westward. Temperature has fallen in Scotland,

but risen very decidedly over England, France and the Netherlands. Over the United Kingdom the morning readings range from between 55° and 53° on our south and south-west coasts to a trifle below 40° over Central Scotland. Over Central and Southern France the thermometer is above 60°. The weather is fine in Sweden, Germany and the south of France, but cloudy or overcast elsewhere with rain at several of the western stations in our Islands and France, as well as at Lerwick, and Vestmanna, Iceland. The sea is moderate or slight generally.



## DAILY WEATHER REPORT.

Sunday, 26th October, 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.	
26th Jan.	49	13	Lapland	O	29.25	-13	SSE	1-3	b	25th Gpm	55	11	Hesperian	O	29.84	-05	WSW	4-5	c
25th Gpm	50	25	Dominion	O	29.74	-02	N	4-5	m	Jan.	54	25	Parleur	O	29.96	+03	NE	4-5	c
"	53	24	Ascania	H	29.81	-05	NW	4-5	c	"	50	21	Dominion	O	29.83	-03	NW	1-3	b
"	52	21	Lake Manitoba	O	29.69	-01	NW	1-3	c	"	49	19	Minneapolis	H	29.73	-08	NE	6-7	c
"	51	19	Cymric	O	29.57	-04	ENE	4-5	c	"	56	17	Lake Manitoba	O	29.79	-02	N	1-3	p
"	49	14	Minneapolis	H	29.58	+01	E	4-5	c	"	51	15	Cymric	O	29.80	-04	NE	1-3	c

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot-land. Oban ...	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
St. Andrews ...							Ramsgate ...		59	39	b	b	8.0
Eng-land. Harrogate ...		53	38	c.b.bc	bc.c.c	3.4	Folkestone ...		59	38			8.3
Scarborough ...							Hythe ...		59	43	b.bc	bc	7.5
Eng-land. Blackpool ...		54	35	bc.c	c.o	3.8	Littlestone ...						8.2
Southport ...		50	34	bc.o	o.bcp	2.4	Hastings ...	0.01	63	47	bc.b	b.bc	8.0
Eng-land. Blackpool ...		54	35	bc.c	c.o	3.8	Bexhill-on-Sea ...		63	48	b	bc.c	7.9
Southport ...		50	34	bc.o	o.bcp	2.4	Eastbourne ...		61	41	b	b.bcm	7.3
Mid-land. Buxton ...		51	30	bc	bc	2.3	Seaford ...		61	44	b	b.bc	7.2
Leamington Spa ...		57	29	c	c	4.3	Brighton ...		65	45	b	b.bc.c	8.1
Malvern ...							Worthing ...		64	45	b	b	8.0
Wales. Rhyl ...		51	35	bc	bc.c	4.5	Littlehampton ...						7.7
Colwyn Bay ...							Southsea ...						
Llandudno ...							Ryde ...						
Bettws-y-Coed ...							Ventnor ...						
Aberystwyth ...		60	39	o.c.b	bc.o	5.7	Bournemouth ...		63	39	f.bc	bc.b	5.6
Tenby ...		59	50	bc	b	3.5	Weymouth ...		64	41	bc.g	bc	5.5
England. Lowestoft ...							Exmouth ...						
Felixstowe ...		59	37	bm	bm	8.8	Teignmouth ...		60	49	o.c.bc	c.op	1.7
Walton-on-Naze ...		57	37	bm.b	b.bcm	8.0	Torquay ...		60	38	c.o	bc	0.0
Southend-on-Sea ...		60	41	f.bc	b	7.0	Paignton ...		61	35	bc.g	c	2.3
							Falmouth ...		61	35	bc.g	c	2.3
							Bude ...	0.01	62	54	p	c.b	3.7
							Ilfracombe ...		60	48	c.bc	c.o	2.5
							Weston-super-Mare ...						

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rain-fall.	WEATHER.		
	p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obs.) ...	79	100	4.8	60	43	40	m.b	b	b.of
City (Bunhill Row) ...	"	"	2.1	"	"	"	"	"	"
Westminster (St. James's Pk.)	78	99	2.2	60	43	44	f.bc	bc	f
Camden Sq. (Brit. Rainfall)	86	100	2.3	60	41	43	f.c	bc.b	bc.mf
Hampstead (Reservoir) ...	"	94	3.3	58	38	37	bc	cf	cf
Richmond Park ...	"	"	2.7						
Kew. (See front page.)									
				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.					
				Total.	Average Rate.	Max. Rate.			
S. Kensington (Roof of M.O.)				77	97	2.0	360 Joules.	10.0 Milliwatts.	25.0 Milliwatts.

## Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		Night.	WEATHER.		Sunshine for Yesterday.
		In Screen.	Min. on Grass.		Forenoon.	Afternoon.	
Dublin to 4 p.m.		52	33	31	bc	bc.c	c
Plymouth to 9 p.m.	0.06	62	52	46	or	bc	bc
Darwen "	0.01	53	37	33	bc.	bc.c	c.or
Manchester "	Trace	53	32	"	bc.g	bc.c	bc.o
Birmingham "	"	55	35	25	"	m.o	"
Oxford to 8 p.m.	"	61	32	29	bc	bc.b	bc.bcm
S. Kensington (Museum Grounds to 6 p.m.)	"	60	41	33	f	f.bm.b	bm

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

	26th Oct. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T.	G.M.T.	G.M.T.	
	6.39	11.37	4.35	
	6.41	11.37	4.33	
Greenwich ...	6.44	11.44	4.44	
	6.46	11.44	4.42	
Wick ...	7.14	11.56	4.37	
	7.17	11.56	4.35	
Valencia ...	7.26	12.25	5.24	
	7.28	12.25	5.22	

## NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 60° and upwards in many parts of the United Kingdom, and reached 65° at Jersey. Considerable amounts of bright sunshine were recorded on our south and east coasts and also in the south of Ireland elsewhere the duration was small. Rain fell in most districts, and lightning was seen at some of the western and southern stations. Wireless reports show that on the southern Atlantic routes and as far west as the 20th meridian ships experienced light to fresh winds from the E. or S.E. to the westward of the 20th meridian and along the northern routes generally, the wind was light from the N.W. The weather was dull generally.

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  
27th October, 1913.

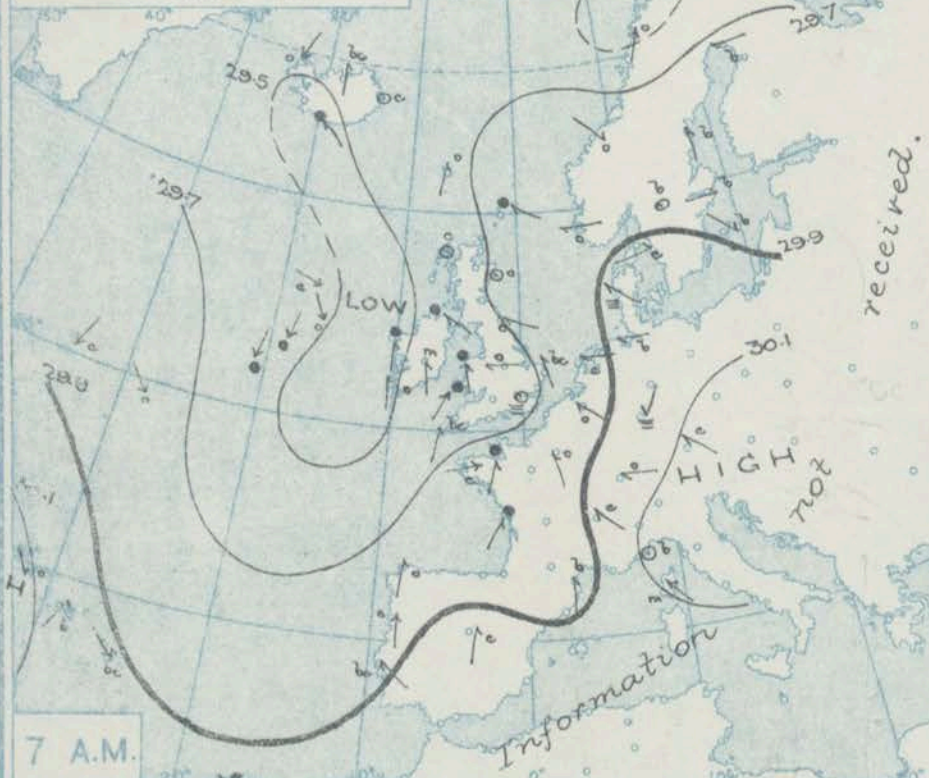
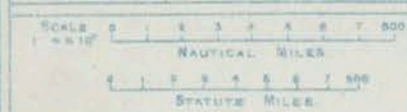
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.	
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.			
		At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Force (0 to 12).	Dir.				At 32° F. 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.
		In.	F.				In.	In.	F.								In.	F.	F.				Hours.
BRITISH ISLANDS.	Lerwick ...	29.48	51	ESE	6	otm	29.17	-0.1	51	+3	ESE	2	otm	1	0.18	51	47	otm	otm	d.r.f.e.s			
	Stornoway ...	29.39	48	SSE	1	adp	29.18	-0.3	52	+8	SW	4	o	4	0.32	53	43	c of	ot-adp	edp	0.0		
	Castlebay (Barra Isd.)	29.32	53	S	4	d	29.24	+0.5	52	+2	W	5	o	4	0.38	54	48	ST	d	d.c.p.o	0.0		
	Glasgow ...	29.44	53	S	1	og	29.35	-0.0	52	+7	SW	5	og	4	0.05	53	43	op	op	o.c.p.q	0.0		
	Malin Head...	29.35	54	WSW	4	o	29.34	+0.7	50	0	SW	4	o	3	0.27	56	50	omp	omp	omp	0.0		
	Blackod Point ...	29.30	56	S	4	cgt	29.35	-0.1	52	+1	S	1	cgt	1	0.19	58	50	omp	omp	omp	0.0		
	Valencia ...	29.45	56	S	4	o	29.32	?	54	-1	S	2	c	3	0.07	57	52	omp	omp	omp	0.0		
	Roche's Point ...	29.53	56	SW	3	c	29.40	?	55	0	S	3	o	4	0.35	58	54	cp	cp	cp.r.o	0.0		
	Birr Castle ...	29.45	54	S	3	c	29.39	?	50	-5	SSE	1	c	?	?	60	48	c	c	c	2.9		
	Donaghadee ...	29.45	54	SSW	2	bcm	29.43	+0.2	52	-2	SSW	2	bc	2	0.18	57	51	omp	bcm	bc	0.0		
	Liverpool Obsy. ...	29.55	52	SW	3	o	29.56	-0.0	51	+1	SSE	3	bc	3	Trace	56	48	omp	oe	bc	0.0		
	Holyhead ...	29.53	55	SSW	4	cgt	29.50	-0.1	56	-1	SSW	5	omaj	4	0.01	58	48	d.f.d.m	c.d.m	b.b.c.m	0.2		
	Pembroke (St. Ann's Hd.)	29.59	56	SW	4	c	29.48	-0.4	56	0	SSE	5	opq	5	0.02	59	55	opq	cp	cp	0.7		
	Newquay ...	29.64	52	S	2	b	29.46	-0.8	56	+3	SE	4	o	3	0.03	59	51	o	bc.b	b.op	2.1		
	Scilly (St. Mary's) ...	29.63	56	SW	3	bc	29.42	-0.8	56	+2	SE	5	cgt	5	0.02	59	54	bcm	bc	b.bop	6.7		
	Jersey (St. Aubin) ...	29.75	57	SW	3	bc	29.62	?	58	+1	SE	4	b	4	0.31	59	53	vgmt	om.c.bc	buc.b	0.0		
	Portland Bill ...	29.65	58	WSW	4	bc	29.59	-0.4	57	-2	SE	4	c	3	Trace	59	56	c.o	bc	bc.c.p	0.0		
	Dungeness ...	29.61	55	W	4	c	29.74	+0.1	58	-1	SSW	4	c	5	0.44	60	55	c of	of o	r.b.c	0.0		
	Dover ...	29.63	55	WSW	5	otq	29.74	?	55	-3	SSE	4	o	6	0.30	60	53	bc.o	otq	r.or.o	0.1		
	Wick ...	29.39	52	SSE	3	o	29.20	-0.2	53	+3	SSW	4	cgt	4	0.06	53	49	bc.opm	omfag	c.bc.cq	0.0		
	Nairn ...	29.38	46	-	0	o	29.20	?	52	+13	SW	1	og	1	0.05	52	38	d.og	cp	op	0.0		
	Aberdeen ...	29.43	52	S	3	o	29.31	-0.0	52	+10	SSW	3	c	2	?	54	41	c.o	om	omne	0.0		
	Leith ...	29.44	54	SE	1	o	29.34	-0.1	55	+7	SW	4	c	?	Trace	57	47	edg	mog	og.o	0.0		
	North Shields ...	29.49	52	S	2	r	29.50	+0.2	52	0	SSW	3	c	2	0.18	54	51	o	u.or	r.o.c	0.0		
	Spurn Head ...	29.54	53	W	3	f	29.61	+0.1	50	-4	SSW	4	c	4	0.38	56	42	f	f.r	fr	0.0		
Yarmouth ...	29.51	57	S	1	otm	29.73	+0.1	50	-5	SSW	2	bcm	1	0.76	60	49	bcm	bc.omt	or.bc	0.3			
Clacton-on-Sea ...	29.54	56	W	4	otm	29.72	-0.1	55	0	SSE	4	c	3	0.90	59	52	c.om	agmt	agr.o.c	0.3			
Nottingham...	29.57	53	SW	1	b	29.64	?	49	-1	SW	2	c	?	0.23	54	47	fe.orm	tm	op.c	0.0			
Bath ...	29.66	54	SW	3	o	29.62	?	51	-4	SE	2	o	?	Trace	59	45	m.o	om	o.b.op	0.0			
London (Kew Obsy.)...	29.64	55	SW	1	ot	29.69	-0.2	50	0	SSW	2	om	?	0.70	56	48	fu.otm	otm.or	or.bc.b	0.0			
ICELAND, FAEROE, &c.	Spitzbergen ...	30.09	12	E	2	o	30.09	-0.0	12	-3	ESE	2	o	?	?	61	48	?	?	?	0.0		
	Isafjord...	29.46	33	-	0	o	29.35	-0.5	34	+3	NE	7	o	?	?	?	?	?	?	?	0.0		
	Reykjavik ...	29.33	36	SE	2	c	29.27	-0.1	35	-1	-	0	b	?	?	?	?	?	?	?	0.0		
	Vestmanna ...	29.30	40	SE	2	c	29.24	-0.1	33	-5	-	0	bc	2	?	?	?	?	?	?	0.0		
	Seydisfjord ...	29.44	34	-	0	c	29.29	-0.3	36	+5	E	2	r	?	?	?	?	?	?	?	0.0		
	Thorshavn ...	29.38	47	S	3	r	29.10	-0.2	46	+5	-	0	o	?	?	?	?	?	?	?	0.0		
SCANDINAVIA.	Haparanda ...	29.31	25	NE	2	3	29.84	+0.6	24	+8	N	2	o	?	0.12	30	216	?	?	?	0.0		
	Hernösand ...	29.89	34	-	0	b	29.80	-0.4	29	-7	-	0	c	?	?	?	?	?	?	?	0.0		
	Stockholm ...	29.96	37	-	0	b	29.83	-0.4	45	+6	SE	2	o	?	?	?	?	?	?	?	0.0		
	Wisby ...	29.97	44	W	2	b	29.85	-0.8	48	-1	S	2	o	?	Trace	54	39	?	?	?	0.0		
	Karlstad ...	29.92	42	-	0	c	29.64	-1.6	44	0	ESE	2	r	?	?	?	?	?	?	?	0.0		
	Vardö ...	29.67	36	N	4	bc	29.70	-0.1	32	-4	E	2	b	2	?	?	?	?	?	?	0.0		
GERMANY, &c.	Bodö ...	29.75	44	NE	1	o	29.36	-0.6	50	+6	ESE	2	r	4	0.04	50	45	?	?	?	0.0		
	Christiansund ...	29.66	50	S	4	c	29.32	-0.4	52	+3	S	8	r	5	0.43	52	48	?	?	?	0.0		
	Skudesnaes ...	29.86	50	SSW	2	o	29.51	-1.0	48	0	SE	3	r	3	0.28	50	48	?	?	?	0.0		
	Færder (X'ania Fjord)	29.83	51	SSE	4	o	29.49	-0.8	53	+2	S	5	o	2	Trace	54	48	?	?	?	0.0		
	The Scaw (Skagen)...	29.69	50	SE	3	m	29.62	+1.2	54	+9	WSW	4	f	3	0.04	54	45	?	?	?	0.0		
	Blaavands Huk ...	29.73	56	S	4	o	29.78	+0.6	53	+11	SW	6	o	3	0.12	57	42	?	?	?	0.0		
FRANCE.	Cuxhaven ...	29.95	54	S	1	b	29.93	+0.4	53	?	SW	2	b	?	Trace	57	50	?	?	?	0.0		
	Berlin ...	29.92	54	NE	1	m	30.00	+0.3	49	+8	-	0	f	?	?	?	?	?	?	?	0.0		
	Frankfurt ...	29.95	54	-	0	o	30.10	+0.3	49	+8	3	1	b	?	?	?	?	?	?	?	0.0		
	Munich ...	29.60	61	SSE	3	c	29.78	+0.4	56	+6	SSW	3	bc	3	0.04	63	50	?	?	?	0.0		
	The Helder ...	29.73	57	WSW	5	o	29.85	-0.1	53	-6	SSW	1	o	?	Trace	71	51	?	?	?	0.0		
	Brussels ...	29.63	56	W	8	r	29.76	-0.3	53	-5	SSE	4	c	3	0.22	63	52	?	?	?	0.0		
SPAIN, PORTUGAL, &c.	C. Gris Nez...	29.74	58	SW	5	r	29.70	?	55	-2	ESE	5	r	3	1.73	63	52	?	?	?	0.0		
	La Hève ...	29.71	58	SSW	3	b	29.51	?	59	+2	SSW	5	bc	3	?	?	?	?	?	?	0.0		
	Ushant ...	29.72	58	SSW	3	bc	29.53	-0.3	59	+2	S	3	b	2	?	?	?	?	?	?	0.0		
	Brest (St. Mathieu) ...	29.69	57	SSW	2	b	29.59	?	60	+1	S	4	c	2	?	?	?	?	?	?	0.0		
	Lorient (Bec Melen)...	29.84	59	ESE	2	c	29.71	-0.6	59	0	SSE	4	o	?	0.32	64							

\* Information for these columns not usually received.

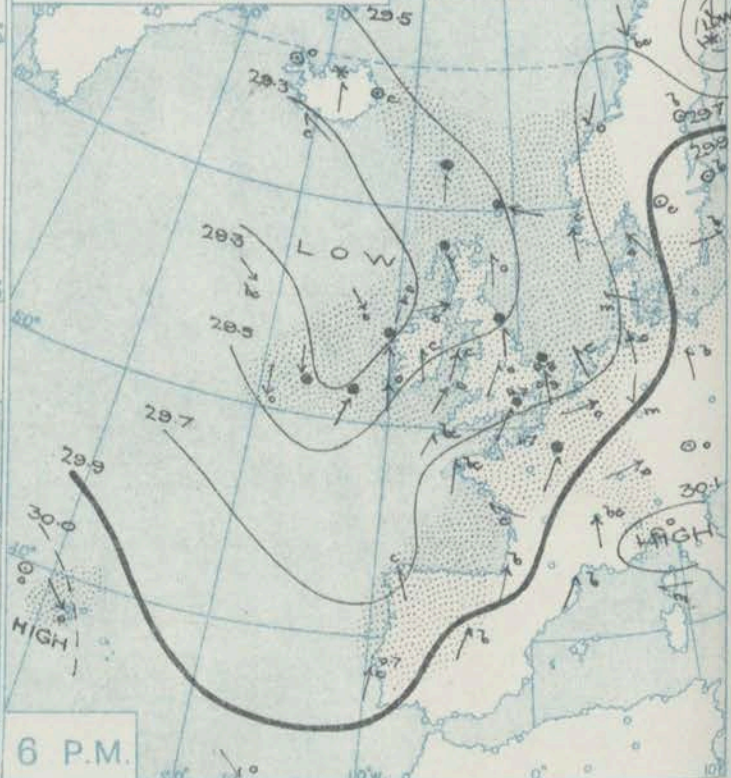
† Received too late for insertion in Charts.



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



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



## GENERAL INFERENCE

The renewed fall of the barometers on our south-west coast appears to indicate the approach of another depression which will cause

## WEATHER PROSPECTS.

a continuance of the mild, Southerly type of weather over the whole Kingdom.

## FORECASTS FOR THE 24 HOURS NOON Monday

## TO NOON Tuesday.

0  
1  
2  
3  
4  
5

Wind mainly Southerly, light or moderate, fresh at times locally; much cloud generally, some rain; mild.

Southerly and South Easterly winds, increasing in force; becoming rainy again, mist locally; mild.

## FORECAST DISTRICTS.



## STORM WARNINGS.

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

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

No Warnings Issued.

6  
7  
8  
9  
10

Same as Nos. 0 to 2.

Same as Nos. 3 to 5

Wind mainly Southerly, varying in force; changeable, rain at times; mild.

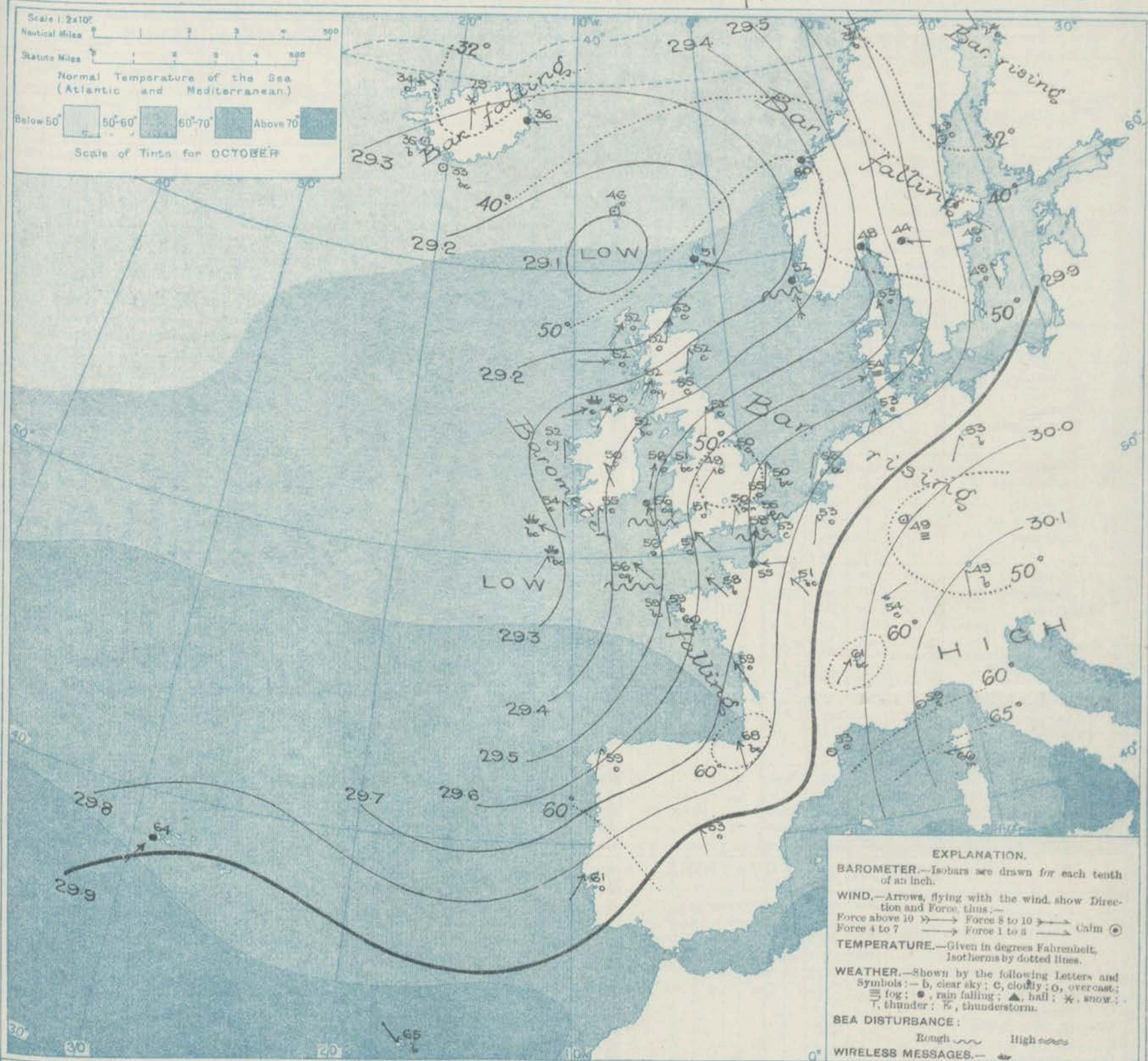
## 11 WESTERN CHANNEL AND BAY.

Southerly and South Easterly winds, increasing in strength; sea moderate to rather rough; rainy, some mist.

## THE FURTHER OUTLOOK.



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



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

Pressure is above 30.1 in. over Bavaria and the north of Italy, below 29.1 in. in a depression having its minimum to the northward of Scotland, and relatively low off our south-west coasts.

The wind is mainly Southerly over the United Kingdom, but draws into the South-Westward at some northern stations and into the South-Eastward on the south-west coast of England. It blows a fresh breeze locally, but as a whole it is light or moderate. Over the western half of Europe generally the wind is

Southerly, light or moderate, but on the south-west coast of Norway a gale is reported. Temperature is above the normal. Over these Islands it ranges from 58° at Tingeness and Jersey to 49° at Nottingham. Much cloud prevails in nearly all parts of this country and the nearer regions of the Continent, with rain or passing showers in a few localities. Rain is falling over a considerable area in Scandinavia, and snow in the north of Iceland. Over the east and south of France and at several German stations the weather is fair to bright.



## DAILY WEATHER REPORT.

Monday, 27th October 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.	
27th Jan	50	10	Scotian	I	29.21	-0.5	SW	(0-15)	bc	26th Jan	54	16	Parisian	I	29.31	-0.4	NW	(0-15)	c
27th Jan	51	11	Ascania	I	29.26	-0.6	ESE	4-5	bc	26th Jan	55	9	Carthaginian	O	29.33	+0.4	SSW	4-5	c
"	55	8	Parisian	O	29.30	-0.0	W	4-5	c	"	54	10	Megantic	O	29.26	-0.1	N	4-5	c
26th Gpm	56	22	Heesperian	O	29.40	-0.2	WNW	4-5	bc	"	50	34	Cymric	H	29.57	-0.0	NE	4-5	c
"	50	19	Mauvehana	I	29.47	-0.5	N	4-5	o	"	49	29	Domion	O	29.74	-0.3	NW	4-5	o
"	51	16	Ascania	I	29.34	-1.0	NNE	4-5	r	"	51	20	Montrose	O	29.58	+0.5	NNE	6-7	r
"	51	13	Lusitania	O	29.30	-0.7	SW	4-5	r	"	52	19	Ascania	H	29.56	-0.7	NNE	6-7	r
"	55	12	Parisian	H	29.35	-0.4	NW	4-5	o	"	56	17	Heesperian	O	29.62	-0.7	WNW	4-5	o

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot. land. (Oban ...)	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
St. Andrews ...							Ramsgate ...	0.12	61	53	o	or	0.0
Eng. N.E. (Harrogate ...)	0.11	52	41	om	om	0.0	Folkestone ...	0.27	60	54	or	or	0.0
Scarborough ...		55	41	o	o	0.0	Hythe ...						0.3
Eng. N.W. (Blackpool ...)	0.12	56	47	r.o	op	0.0	Littlestone ...						0.0
Southport ...	0.07	56	47	o	o.c	0.0	Hastings ...	0.65	60	54	c.or	or	0.0
Mid-lands. (Buxton ...)	0.04	53	43	bc,om	cr	0.0	Bexhill-on-Sea ...	0.83	60	54	or	r	0.0
Leamington Spa ...	0.18	55	45	o	or	0.0	Eastbourne ...	0.92	60	51	bc.or	or	0.0
Malvern ...						0.0	Seaford ...						0.0
Wales. (Rhyl ...)	0.04	59	41	o	o	0.0	Brighton ...	0.74	59	53	or	r	0.0
Colwyn Bay ...		60	50	c	c	0.0	Worthing ...	0.68	59	55	or	or	0.0
Llandudno ...						0.0	Littlehampton ...	0.76					0.0
Bettws-y-Coed ...						0.0	Southsea ...	0.45	62	43	r	r. b	0.0
Aberystwyth ...	0.03	57	52	omv	op, bc	0.0	Ryde ...	0.15	60	55	or	or, bc	0.0
Tenby ...						0.0	Ventnor ...	0.31	67	54			0.0
England, E. (Lowestoft ...)	0.59	60	49	c	c.or	0.2	Bournemouth ...	0.10	58	50	od	o	0.0
Felixstowe ...	0.53	59	54	cf	cf, or	0.4	Weymouth ...		59	56	og	c, bc	0.0
Walton-on-Naze ...	0.46	59	54	bc, cpm	orm	0.6	Exmouth ...						0.0
Southend-on-Sea ...	1.10	59	53	f, mp, r	r	0.0	Teignmouth ...	0.09	58	55	o	o, c, bc	0.0
							Torquay ...	0.10	58	55	o	c, bc	0.0
							Paignton ...		60	54	o	o, bc	0.9
							Falmouth ...	0.01	59	54	or	c	0.0
							Bude ...						0.0
							Ilfracombe ...	0.02	58	53	o	o	0.0
							Weston-super-Mare ...		58	45	o, c, bc	bc, b	0.0

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on GRASS.		Rain- fall.	After- noon.	Night.			In Screen.		Night Min. on GRASS.	Night.	Fore- noon.	After- noon.	
				Max.	Min.								Max.	Min.					
%	%	Hr.	F.°	F.°	F.°	In.	eff.	orig. or	orig. bc	In.	F.°	F.°	F.°	f.c. or	c.b	c.b	Hr.		
Greenwich (Royal Obay.) ...	100	93	0.0	56	48	38	0.78	eff	orig. or	orig. bc	Dublin to 4 p.m.	0.19	58	44	43	f.c. or	c.b	c.b	
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	*	*	*	Plymouth to 9 p.m.								
Westminster (St. James's Pl.)			0.0								Darwen								
Camden Sq. (Brit. Rainfall)	-	94	0.0	56	49	43	0.71	form	om	cc. ow	Manchester "	0.05	55	52	*	or. o	om	om	0.0
Hampstead (Reservoir) ...	*	95	0.0	55	49	36	0.70	or. f	cf	cf	Birmingham "	0.05	53	49	44	f	f. o	r. o	0.0
Richmond Park ...	*	*	0.0	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.							Oxford to 8 p.m.	*	57	48	42	comp of	of rgn	rgn o	
Kew. (See front page.)				Total.		Average Rate.		Max. Rate.			S. Kensington								
S. Kensington (Roof of M.O.)	-	91	0.0	59 Joules.		1.6 Milli-watts.		7.5 Milli-watts.			(Museum Grounds to 6 p.m.)	0.69	56	51	44	of	of r.	or	*

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

	27th & 28th Oct. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...		G.M.T. 6.41	G.M.T. 11.37	G.M.T. 4.33
Greenwich ...		6.43	11.37	4.31
Wick ...		6.46	11.44	4.42
Valencia ...		6.43	11.44	4.40
		7.17	11.56	4.35
		7.20	11.56	4.32
		7.28	12.25	5.22
		7.30	12.25	5.20

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to about 60° in many parts of England and Ireland, and the minima of the night were also high for the time of year. Rain has fallen very generally, the quantity being heavy at many southern and south-eastern stations, as much as 0.9 in. at Clacton-on-Sea over the kingdom generally there was little or no bright sunshine, but Newquay recorded 2 1/2 hr. Bir Castle 2 1/2 hr., and Seilly 6 1/2 hr. Wireless reports show that as far west as the 15th meridian a moderate to fresh wind from the South-Westward prevailed, while between that and the 34th meridian the wind was from the Northward.

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.

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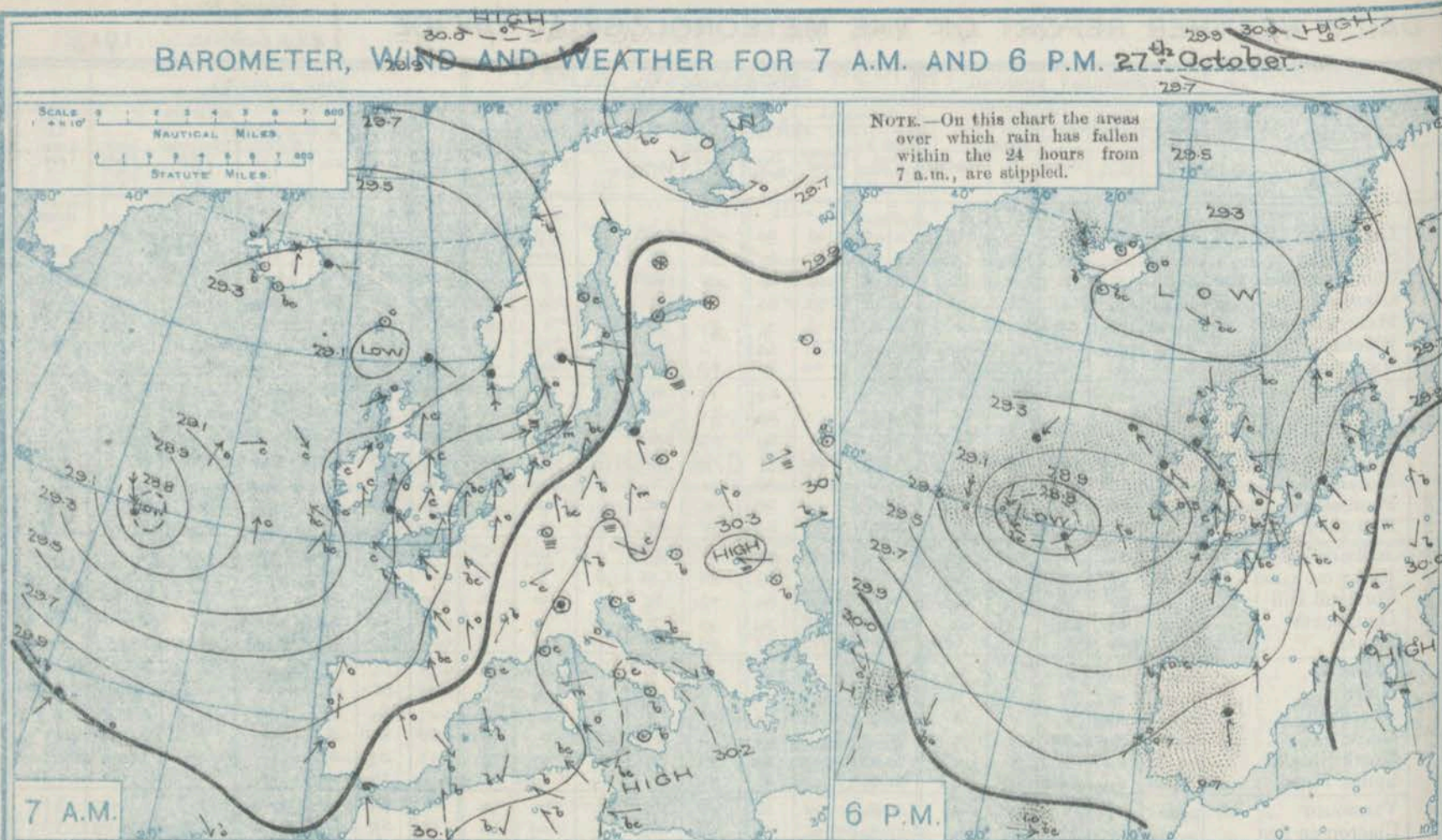
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,  
22nd October, 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).	BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.						
		At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	Change since 4 a.m.		Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Weather.	Max.			Min.	Morning 7 a.m. to 1 p.m.	Afternoon 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 ...		29.30	54	WSW	3	bc	29.42	-.05	50	-1	ENE	4	orm	3	0.04	55	43	cp	bc, adm	bc, adm	2.8		
Stornoway ...		29.41	47	N	1	c	29.27	-.03	51	-1	SE	2	adm	2	0.04	53	42	c, bc	bc, c	bc, adm	4.9		
Castlebary (Barra Isd.)		29.33	51	E	3	c	29.16	.00	54	+2	SE	4	o	4	0.55	54	50	o, bc	c	cap, o	1.2		
Glasgow ...		29.40	52	E	1	cd	29.29	+0.02	53	+1	S	3	o	*	0.20	55	50	a, c, bc, c	op, dg	op	0.9		
Malin Head...		29.26	53	SE	3	+	29.13	+0.01	51	+1	SW	4	c	4	0.15	56	49	bc, p	omr	op, q	*		
Blacksod Point		29.15	54	SE	3	cg, p	29.10	+0.01	52	0	SE	1	cp	1	0.05	55	51	cg, bc	bc, cg, p	cg, omr	*		
Valencia ...		29.05	54	SE	2	bc	28.97	-.05	57	+3	ESE	5	om	4	0.33	58	52	cl	omr	omr	2.1		
Roche's Point		29.09	53	S	3	+	29.08	.	56	+1	SE	6	o	6	0.54	57	53	r, c	cl	bc, r, b, o	.		
Birr Castle ...		29.11	54	E	1	r	29.14	.	53	+1	E	1	r	*	0.44	56	43	d	a, or	or	0.1		
Donaghadee ...		29.30	55	SSW	4	omr	29.22	+0.02	54	+2	SSW	4	orm	4	0.15	57	51	c, op	omr	omr, bc	*		
Liverpool Obsy. ...		29.38	54	ESE	4	o	29.35	.00	51	0	SE	2	o	2	0.17	57	50	omr	bc	cl, o	1.2		
Holyhead ...		29.27	56	SSE	3	cg, mp	29.21	+0.01	55	-1	S	3	ogm	2	0.14	60	40	c, bc, om	c, bc, o	c, or, omr	1.4		
Pembroke (St. Ann's Hd.)		29.13	56	S	7	c	29.19	-.04	56	0	SE	6	cp, q	6	0.26	60	54	op, q	cp, q	cp, q, l	1.3		
Newquay ...		29.21	55	S	4	c	29.14	-.07	57	+1	SE	5	o	3	0.56	59	54	a, c	op, q, o	bv, cp	0.5		
Scilly (St. Mary's)		29.17	56	SW	4	cg, p	29.09	-.07	57	+1	SE	6	cp, q	6	0.22	58	54	cg, p	cg, p	cg, cp, q	1.1		
Jersey (St. Aubin)		29.47	62	S	3	bc	29.34	.	59	+1	ESE	5	b	4	-	64	57	cg	bc	bc	3.1		
Portland Bill		29.39	61	S	6	cp	29.34	-.03	59	+2	SE	5	bc	5	Trace	61	57	c	c	cp, bc	.		
Dungeness ...		29.56	59	SSW	6	cg, p	29.49	-.02	59	+1	S	4	rq	4	0.15	60	55	r, c	cp	cp, or	.		
Dover ...		29.57	60	S	5	bc, p	29.51	.	57	+2	SE	4	or	6	0.12	60	55	op, r, c	c, op, c	op, r	0.6		
Wick ...		29.41	46	SW	2	bc	29.29	-.06	52	-1	E	3	op, q, m	4	0.25	55	42	cg, bc, q	bc, bc	bc, c, or	.		
Nairn ...		29.29	48	-	0	bc	29.21	.	49	-3	-	0	cg	1	0.07	55	44	cp	b, bc	cp	0.7		
Aberdeen ...		29.45	54	SW	1	c	29.31	+0.01	53	+1	S	3	c	2	0.07	60	51	b, bc	bc, c	c, or, c	4.0		
Leith ...		29.41	54	SE	1	o	29.29	+0.05	55	0	SW	2	o	*	0.08	60	51	bc, c	c, o	o	.		
North Shields		29.46	54	E	3	o	29.38	+0.03	53	+1	S	2	c	3	-	57	52	f	f, op	op, c	.		
Spurn Head ...		29.49	54	ESE	4	bc	29.46	.00	52	+2	S	4	cur	4	Trace	55	49	f	bc	cl	0.4		
Yarmouth ...		29.54	47	S	3	o	29.51	.00	55	+5	SSE	2	bc	2	-	59	50	om	o	bc	1.5		
Clacton-on-Sea		29.56	58	SSE	5	c	29.50	-.02	57	+2	SSE	4	og	3	-	59	55	c, o, c	c, o	c, bc, og	1.3		
Nottingham...		29.46	55	SE	2	o	29.44	.	50	+1	SE	1	bc	*	-	59	48	c, o	a, c	c, b	0.5		
Bath ...		29.38	59	SE	5	o	29.36	.	55	+4	SE	3	o	*	0.16	62	51	o, bc	bc, og	or, o	1.7		
London (Kew Obsy.)		29.50	59	SSE	3	bc	29.45	-.03	55	+5	SE	2	op	*	0.02	61	60	om, c, o	op, c, bc	bc, bc, bc	1.2		
ICELAND, FAEROE, &c.		GALES.																					
		Duration and Extreme Force in British Islands																					
		Pembroke. 9 p.m. Extreme S.S.W. 3.																					
		Scilly 1 p.m. Squalls S.S.E. 3.																					
SCANDINAVIA.																							
Haparanda ...		29.83	22	E	2	o	29.68	-.01	31	+7	SE	2	S	*	0.16	37	16						
Hernösand ...		29.54	44	SE	4	r	29.63	+0.07	38	+9	-	0	bc	*	0.20	45	28						
Stockholm ...		29.60	52	SW	4	r	29.78	+0.06	51	+6	W	2	o	*	0.08	52	45						
Wisby ...		29.75	53	SW	6	o	29.87	+0.02	50	+2	WSW	4	b	*	Trace	55	46						
Karlstad ...		29.64	49	NW	2	c	29.78	+0.04	49	+5	SW	2	bc	*	0.20	52	43						
Vardö ...		29.85	27	-	0	b	29.84	-.01	29	-2	SE	4	o	3	-	31	27						
Bodö ...		29.29	36	E	6	o	29.35	.00	39	+7	E	5	r	2	0.39	39	32						
Christiansund		29.34	33	SW	1	c	29.57	+0.06	50	0	WSW	5	o	5	0.35	54	48						
Skudesnaes ..		29.57	52	SSW	6	o	29.58	-.01	53	+1	ESE	4	m	4	0.08	54	52						
Færder (X'ania Fjord)		29.62	51	SSW	6	m	29.73	+0.02	50	+2	ENE	5	r	3	0.04	52	48						
The Scaw (Skagen)...		29.74	52	W	5	c	29.72	-.02	51	-2	SSE	4	rt	1	Trace	54	43						
Blaavands Huk ...		29.78	50	SE	2	o	29.71	+0.01	51	-3	SSE	2	o	2	0.20	54	50						
GERMANY, &c.																							
Cuxhaven ...		29.81	53	S	2	o	29.73	-.02	51	-2	S	3	c	0	-	59	50						
Berlin ...		29.94	57	S	1	b	29.91	-.01	49	-4	S	1	c	*	-	66	46						
Frankfurt ...		29.88	54	-	0	m	29.85	-.02	51	+2	NE	1	m	*	-	64	46						
Munich ...		29.95	52	NE	1	b	29.93	-.02	47	-2	SSW	4	c	*	-	63	41						
The Helder ...		29.70	58	SSE	3	+	29.63	-.01	53	-3	SSE	2	o	2	0.08	59	52						
Brussels ...		29.71	60	SSE	6	o	29.63	-.02	59	+6	SE	3	o	*	-	68	53						
FRANCE.																							
C. Gris Nez...		29.60	60	SE	5	c	29.53	-.02	57	+4	SSE	4	r	3	0.20	63	53						
La Hève ...		29.58	62	SSE	5	c	29.48	.	58	+3	SE	4	o	3	0.04	63	50						
Ushant...		29.39	58	SW	7	c	29.15	.	56	-3	SSW	6	c	6	-	61	48						
Brest (St. Mathieu) ...		29.42	59	SSW	7	o	29.12	-.08	60	+1	SSE	7	r	7	0.04	64	59						
Lorient (Bec Melen)...		?	59	SW	5	c	?	.	60	0	SSE	6	o	5	-	65	57						
Rochefort (Ile d' Aix)		29.63	62	SSW	5	o	29.39	-.05	60	+1	SSE	5	bc	*	-	68	59						
Biarritz ...		29.64	69	S	4	c	29.45	-.04	65	-3	S	4	bc	2	-	70	54						
PARIS.																							
Paris ...		29.70	60	SSE	2	b	29.58	-.04	58	+7	SSE	2	bc	*	Trace	65	51						
Belfort ...		29.88	57	E	3	c	29.83	.	52	-2	ENE	5	c	*	-	66	47						
Lyons ...		29.87	63	SSE	2	b	29.69	.	65	+4	SE	2	c	*	-	70	57						
Nice ...		30.08	59	-	0	b	29.90	-.02	65	+6	E	5	c	6	-	70	57						
Perpignan ...		29.83	64	S	5	c	29.69	-.04	62	+9	SE	3	b	*	-	74	53						
Sanguinaire ...		30.03	73	E	1	m	29.95	.	74	+8	S	4	m	3	-	74	61						
SPAIN, PORTUGAL, &c.																							
Corunna (8 a.m.) ...		29.53	61	SSW	2	b	29																



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



GENERAL INFERENCE

## WEATHER PROSPECTS.

The large and deep depression having its centre to the south westward of Ireland, appears to be moving in a south-easterly direction, and an

unstable condition of weather is consequently still probable over the whole of the United Kingdom.

### FORECASTS FOR THE 24 HOURS NOON

Tuesday

TO NOON Wednesday.

0 { <sup>a</sup> South-Easterly or Easterly winds, light to fresh or strong; rain at times; moderate temperature.   
 <sup>b</sup>

1 { <sup>a</sup> Southerly and South-Easterly winds, light to moderate or fresh; much cloud, some rain; mild.   
 <sup>b</sup>

3 { <sup>a</sup> Southerly and South-Easterly winds, increasing in force, a gale in places; much cloud, rain at times; very mild, humid air.   
 <sup>b</sup>

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.

South Coast hoisted yesterday afternoon in Districts 3, 5, 7, 8, 9, 10 and 11.

6 { <sup>a</sup>   
 <sup>b</sup>

Same as No. 0

7 { <sup>a</sup>   
 <sup>b</sup>

Same as Nos. 3 to 5.

8 { <sup>a</sup>   
 <sup>b</sup>

9 { <sup>a</sup>   
 <sup>b</sup>

Wind between South and East, strong to a gale at times in south, more moderate in north; much cloud, rain at times; mild

10 { <sup>a</sup>   
 <sup>b</sup>

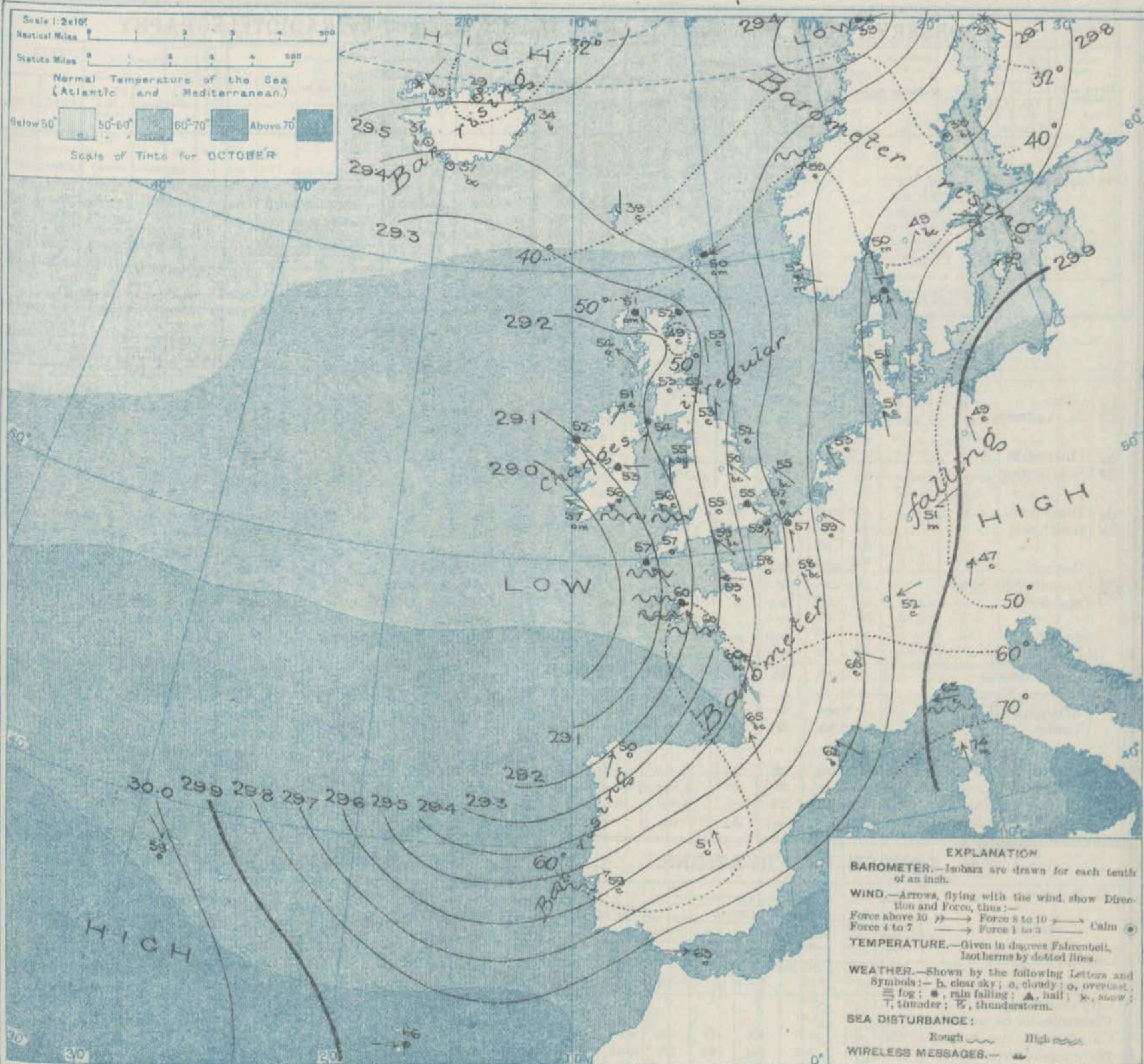
### 11 WESTERN CHANNEL AND BAY.

Southerly and South-Easterly winds, strong to a gale; sea rough, rainy, misty.

### THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Tuesday 28<sup>th</sup> OCTOBER 1913.



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

Pressure is below 29.0 in. in a large depression centred to the south-westward of Ireland, relatively low in a small secondary over the west of Scotland, and in another off the north-west of Norway, while the readings are above 29.9 in over the Baltic, Eastern Germany and Austria.

The wind is mainly South-easterly or Southerly over France, Ireland and the greater part of Scotland, but draws into East in the north of Scotland. It blows a fresh to strong breeze on most parts of our south-western coasts, and a high wind at Brest; elsewhere its force is light or moderate. Temperature continues much above the

normal, ranging over these Islands from 59° at some stations in the extreme south to 50° at Nottingham, and 49° at Nairn; and at the French stations from 74° at Sanguinaire, and 65° at Nice, Lyons and Biarritz to 56° at Ushant. Frost prevails in the north of Scandinavia, but in the south the thermometer is above 50°. Rain is falling in the north of Scotland, several parts of Ireland, at some places in the south and south-east of England, at Brest, and in the north of Denmark; in the latter region thunder is reported.



## DAILY WEATHER REPORT.

Tuesday, 28th October, 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.	
27th Gpm.	50	27	Lusitania	O	29.15	+28	N	10-11	o	27th Gpm.	55	13	Victorian	I	29.44	-01	ESE	10-5	r
"	50	23	Arabic	H	28.79	+06	NNE	8-7	o	"	54	27	Arabic	O	28.80	-08	NW	10-11	r
"	54	22	Megantic	O	29.18	-00	NE	4-5	r	"	54	21	Columbia	O	29.22	-15	SW	4-5	o
"	49	22	New York	O	28.78	+08	NNE	4-5	bc	"	55	18	Victorian	H	29.20	-01	WSW	1-3	c
"	49	18	Laplant	O	28.73	-13	SE	6-7	r	"	50	17	New York	O	29.15	-02	S	4-5	c
"	50	14	Minnehaha	O	28.48	-10	SSE	4-5	a	"	55	13	Carthaginian	O	29.37	+08	NW	4-5	c

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot. land.	Oban	0.22	56	40	r. o. c. bc	b. bc. c	2.0	England, S.E.	Margate	0.21	60	55	cp	cp	1.8
	St. Andrews	-	58	48	"	"	2.7		Ramsgate	0.45	60	51	"	"	2.5
Eng. N.E.	Harrogate	0.05	54	47	o. c	o	0.1	England, S.E.	Folkestone	0.49	60	53	b. or	bc. r	1.0
	Scarborough	-	55	48	o	or	1.0		Hythe	"	"	"	"	"	1.5
Eng. N.W.	Blackpool	0.01	57	50	o. c. o	op	0.5	England, S.E.	Littlestone	"	"	"	"	"	1.9
	Southport	-	57	49	o. bc	bc. op	0.7		Hastings	0.11	62	54	or. bc	bc. c. b	2.3
Mid- lands.	Buxton	0.08	54	41	or. c	cr	0.2	England, S.E.	Bexhill-on-Sea	0.09	61	55	e. bc. o	op. b	2.7
	Leamington Spa	0.01	61	47	o	c. b	1.0		Eastbourne	0.15	61	56	bcq	or. bcr	3.4
Wales	Malvern	"	"	"	"	"	0.9	England, S.W.	Seaford	0.12	62	55	bc	or	3.2
	Rhyl	-	59	51	bc	bc	2.4		Brighton	0.13	62	56	c. bc. o	o. c	3.3
England, E.	Colwyn Bay	-	60	52	bc	bc. c	2.5	England, S.W.	Worthing	0.06	63	54	bc	bc	3.3
	Llandudno	0.03	62	53	c. b	bc. c. o	3.4		Littlehampton	0.10	"	"	"	"	3.3
England, E.	Bettws-y-Coed	0.01	61	53	o. c	c. b. o	3.5	England, S.W.	Southsea	0.04	63	54	bc	bc	3.3
	Aberystwyth	0.23	59	49	o	or	1.0		Ryde	0.28	62	58	bc	bc	4.0
England, E.	Tenby	-	"	"	"	"	"	England, S.W.	Ventnor	0.01	69	54	"	"	6.0
	Lowestoft	0.09	58	50	c. o. c	cgp	0.7		Bournemouth	0.12	61	53	o	o. b	0.3
England, E.	Felixstowe	0.17	58	51	c. bep	bc. cpm	2.4	England, S.W.	Weymouth	"	62	55	o. bc	bcq	1.1
	Walton-on-Naze	0.06	58	51	c. bc	bc. c	1.2		Exmouth	0.53	61	59	cpd. w	clg	1.6
England, E.	Southend-on-Sea	0.05	61	52	bc	bc	3.0		Teignmouth	0.32	61	53	o. c. bc	clg	0.7
									Torquay	0.19	61	53	c. o	bc. clp	1.9
									Paignton	0.28	63	53	o. bc	clg	1.7
									Falmouth	0.50	59	53	r. bc. o	r	0.8
									Bude	0.15	62	48	bc. bc	or. c	2.8
									Ilfracombe	0.37	63	51	c. bc	bc. or. o	4.0
									Weston-super-Mare	0.05	62	48	c. bc	bp. bc	2.7

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	Rain- fall.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.						
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.							
				Max.	Min.		Max.						Min.												
														24 HOURS ENDED 9 A.M. TO-DAY.											
Greenwich (Royal Obs.) ...	% 80	% 90	Hr. 1.9	F. 63	F. 51	F. 39	In. 0.05	c. bc	bc. c	c. o. r	Dublin to 4 p.m.	In. 0.20	F. 56	F. 51	F. 50	b. op	c. or	r. p	Hr. 1.4						
City (Runhill Row) ...	"	"	0.5	"	"	"	"	"	"	"	Plymouth to 9 p.m.	0.34	61	55	52	bcq	bc	o	0.1						
Westminster (St. James's Pk.)	"	"	1.0	"	"	"	"	"	"	"	Darwen	0.01	55	47	44	bc. op	bcq. o	or	0.1						
Camden Sq. (Brit. Rainfall)	80	91	0.5	62	51	44	0.02	bc. c	c	bc. c. o	Manchester "	0.03	58	50	"	c	c. bc	c. or	0.1						
Hampstead (Reservoir) ...	"	88	0.2	59	52	37	0.02	c. op	or	or	Birmingham "	0.03	57	47	42	"	o	o	0.2						
Richmond Park ...	"	"	1.5	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.														Oxford to 8 p.m.	"	60	47	38	bm. or	o	o. c
Kew. (See front page.)				Total.			Average Rate.			Max. Rate.			S. Kensington (Museum Grounds to 6 p.m.)												
S. Kensington (Roof of M.O.)	79	88	0.8	32.3 Joules.			9.0 Milliwatts.			37.5 Milliwatts.			0.02	61	55	39	o	c	c	"					

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

28th-29th Oct. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 6.43 6.44	G.M.T. 11.37 11.37	G.M.T. 4.31 4.30
Greenwich	G.M.T. 6.48 6.49	G.M.T. 11.44 11.44	G.M.T. 4.40 4.39
Wick	G.M.T. 7.20 7.22	G.M.T. 11.56 11.56	G.M.T. 4.32 4.30
Valencia	G.M.T. 7.30 7.31	G.M.T. 12.25 12.25	G.M.T. 5.19 5.19

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 60° or a little higher in many parts of the United Kingdom, and the minimum readings of the night were again very high for the time of year. Rain has fallen in most districts. Thunderstorms occurred in many places in the southwest of England, and also at Liverpool. Over the Kingdom generally there was little bright sunshine, but Ventnor records 6 hours, Casle Bay 4.9 hrs., and Ilfracombe, Ryde and Southsea about 4 hrs. Gales occurred on a few parts of our south west coasts. Strong cyclonic winds and gales were experienced on the Atlantic 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.

Wednesday,  
29th October 1913.

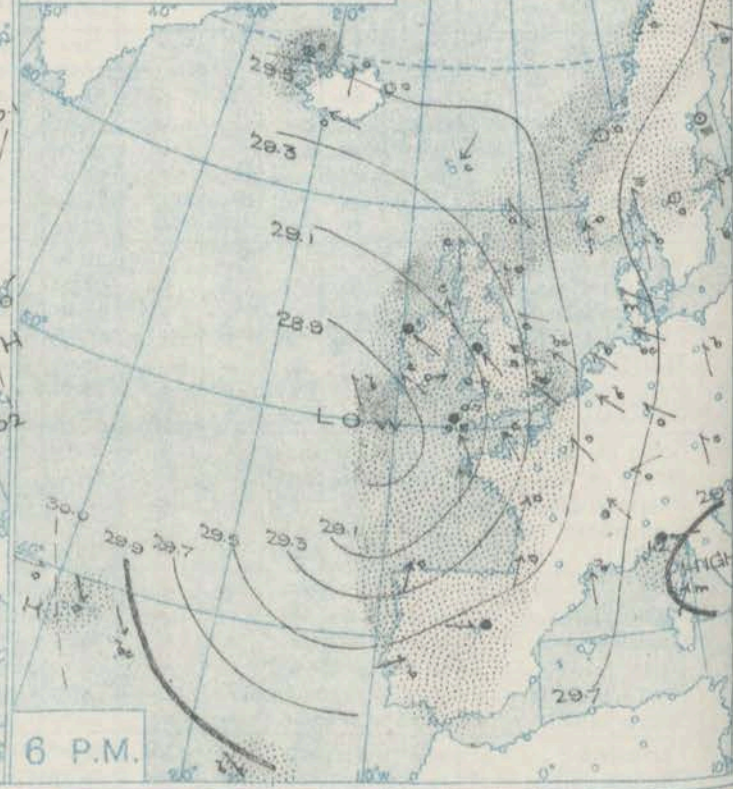
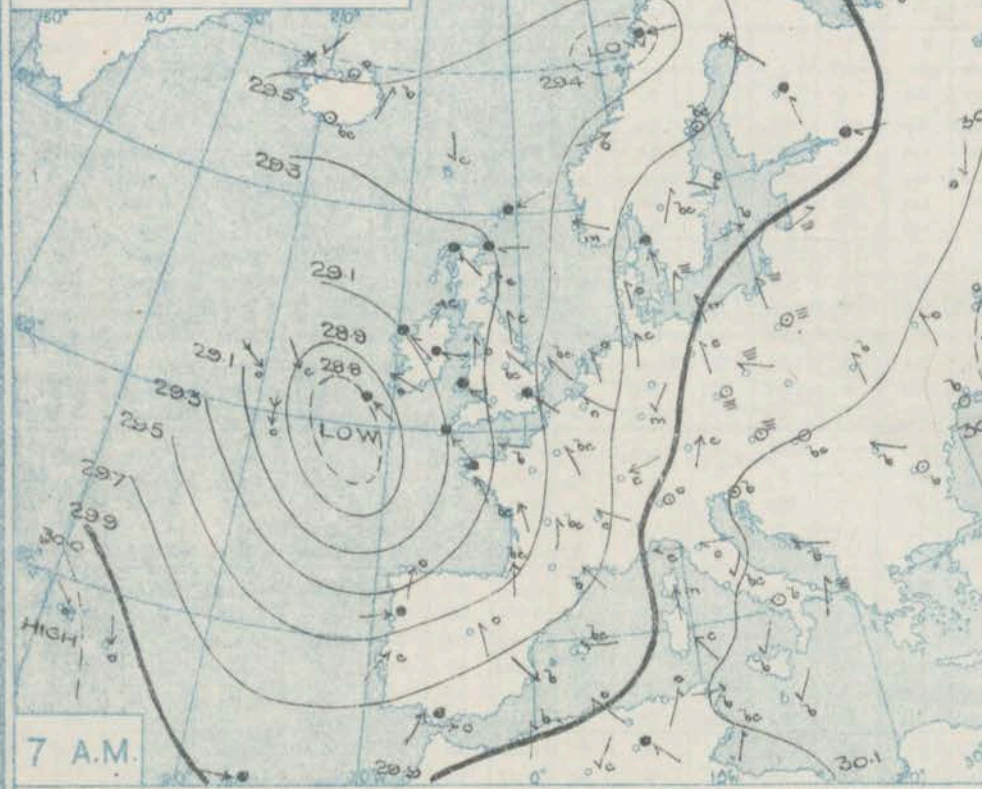
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.	
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.							
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 32° F. and M.S.L. Lat. 45°	Change since 7 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Weather.			Max.	Min.	Morning 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.					
BRITISH ISLANDS.	Lerwick ...	29.36	52	SE	3	o	29.27	-0.03	51	+1	E	5	fr	4	0.12	52	50	arf	fo.c	smdf				
	Stornoway ...	29.26	54	S	2	c	29.12	+0.01	50	-1	S	2	c	2	0.27	55	48	c	c.	bc.cp				0.4
	Castlebay (Barra Isd.)	29.18	54	ESE	4	op	29.05	+0.02	53	-1	SE	4	bc	5	0.23	55	51	o.c.o	o.c.op	bcp.be				1.2
	Glasgow ...	29.26	51	ENE	3	bc	29.18	+0.01	49	-4	E	3	bc	*	0.08	56	48	o.c	op.cg	b.bc.bp				0.1
	Malin Head...	29.11	54	SSE	4	cmg	29.01	+0.03	49	-2	SSE	3	opmg	3	0.14	56	46	cg	cmg	cmg				*
	Blackod Point	28.99	55	SE	3	op	28.94	0.00	49	-3	SE	1	bc	2	0.13	57	48	cg	cg	cmg				*
	Valencia ...	28.91	51	ESE	2	c	28.82	-0.02	45	-12	-	0	bc	3	0.38	59	45	cg	cg	cg				1.3
	Roche's Point	28.97	52	S	4	c	28.80	*	54	-2	ESE	8	r	6	0.66	56	51	o.c	o.c.p	b.or				*
	Birr Castle ...	28.98	53	SE	3	c	28.89	*	50	-3	NE	1	r	*	0.41	60	45	cp	cp	cp.or				1.3
	Donaghadee	29.19	56	SSW	3	o	29.13	+0.01	53	-1	SSW	3	cmpl	4	0.40	56	50	bcp	cp	b.porm				*
	Liverpool Obsy.	29.17	56	ESE	5	r	29.16	-0.01	50	-1	ESE	4	bc	3	0.22	59	48	o	o.bc	r.p.bc				0.9
	Holyhead	29.10	57	SE	4	cmg	29.04	-0.02	53	-2	ESE	3	cpmg	3	0.07	63	49	o.c.bcm	bc.cmm	bc.cbp				2.0
	Pembroke(St. Ann's Hd.)	29.05	51	S	6	c	28.92	-0.06	56	0	SSE	7	cpq	7	0.55	61	51	cgq	cgq	cpq/b				0.6
	Newquay	29.06	51	SSE	2	bc	28.92	-0.01	53	-4	S	7	opq	4	0.69	58	48	cgq/bc	op.bc	bc.opq				0.3
	Scilly (St. Mary's)	29.00	53	SSE	5	c	28.84	+0.01	53	-4	SSE	5	cpq	6	0.50	57	51	-	-	cpq				1.7
	Jersey (St. Aubin)	29.26	54	SSE	4	c	29.21	*	58	-1	S	5	c	5	0.28	64	54	cg.tbr	o.c	b.bc				4.4
	Portland Bill	29.17	58	SSE	6	cgf	29.12	-0.01	58	-1	SE	6	c	6	0.01	61	56	b.c	cgf	c.bap				*
	Dungeness	29.35	62	SSE	4	cg	?	-0.01	60	+1	S	5	bcq	5	0.17	62	54	mg.c	cg.c	cgq				*
	Dover	29.37	61	SSE	5	cl	29.34	*	58	+1	S	5	o	6	0.14	62	52	o.c	c.bc.cl	cgq				1.3
	Wick	29.32	53	SSE	3	c	29.17	-0.02	53	+1	SSE	5	bcms	4	0.07	56	51	o.c.bcm	bc.cmg	op.bcm				*
	Nairn	29.28	55	SSW	1	og	29.14	*	50	+1	SSW	3	cg	3	0.09	58	46	bc	g.c	r.c				1.9
	Aberdeen	29.36	53	SSE	3	o	29.25	+0.03	51	-2	SSW	2	b	2	0.06	58	51	c.b	bc.o	od.b				5.3
	Leith	29.28	55	E	1	o	29.20	+0.03	49	-6	SE	2	b	*	Trace	57	47	o	c.o	o				*
	North Shields	29.34	54	ESE	1	c	29.26	-0.01	50	-3	SSE	2	c	3	-	56	48	c	c	c.o				0.8
	Spurn Head	29.35	56	SE	4	c	29.30	0.00	54	+2	SSE	5	cr	4	0.04	55	48	o.c	c	c				0.8
Yarmouth	29.41	58	SE	4	bc	29.37	-0.01	57	+2	SSE	2	c	2	0.28	59	52	or	bcp	bc.rl				0.5	
Clacton-on-Sea	29.37	59	SE	5	og	29.33	0.00	58	+1	SE	5	bc	4	0.07	60	53	ogp.c	c.og	bel.cp				1.9	
Nottingham	29.28	56	SE	4	c	29.26	*	51	+1	SE	4	b	*	0.04	60	46	bcp.c	o.c	cp				1.3	
Bath	29.22	53	S	3	r	29.17	*	51	-4	SE	4	bc	*	0.09	63	50	o.c	or	o.b.bc				1.8	
London (Kew Obsy.)	29.30	61	SE	3	bc	29.28	-0.01	55	0	SE	2	bc	*	0.07	64	52	op.c.bc	bc.b.c	bc.c.c				2.9	
ICELAND, FAEROE, &c.	Spitzbergen	29.80	15	-	0	o	29.80	+0.03	14	-1	-	0	c	*	-	16	10	-	-	-	GALES.			
	Isafjord...	29.45	35	-	0	c	29.53	0.00	37	+2	E	9	r	*	-	-	-	-	-	-	Duration and Extreme Force in British Islands			
	Reykjavik	29.44	39	E	3	o	29.44	0.00	38	+7	-	0	o	*	-	-	-	-	-	-				
	Vestmanna	29.38	40	ESE	7	o	29.40	-0.01	39	+2	E	6	o	1	-	-	-	-	-	-				
	Seydisfjord	29.57	34	-	0	o	29.58	-0.01	36	+2	E	2	o	*	-	-	-	-	-	-				
	Thorshavn	29.41	44	NE	5	c	29.26	-0.03	47	+8	NE	2	m	*	-	-	-	-	-	-				
SCANDINAVIA.	Haparanda	29.72	34	SE	2	o	29.75	+0.02	35	+4	SW	2	f	*	0.32	36	30	-	-	-	Roches Point			
	Hernösand	29.78	35	-	0	f	29.81	0.00	32	-6	-	0	-	*	-	46	28	-	-	-	Midt -7am. ESE 8.			
	Stockholm	29.81	48	SSW	2	c	29.84	+0.01	48	-3	S	2	b	*	Trace	54	45	-	-	-	Pembroke			
	Wisby	29.88	50	S	2	b	29.87	+0.01	50	0	3	2	b	*	-	55	48	-	-	-	Sam. SSE 8.			
	Karlstad	29.80	51	-	0	o	29.79	0.00	46	-3	-	0	bc	*	0.16	52	45	-	-	-				
	Vardö	29.75	31	SW	6	s	29.59	-0.03	33	+4	SW	4	o	3	?	33	27	-	-	-	Scilly			
	Bodö	29.58	44	SW	3	c	29.68	+0.01	41	+2	ESE	1	r	1	0.35	46	39	-	-	-	lam gust 48mph (SSE 9)			
	Christiansund	29.59	50	-	0	o	29.59	0.00	51	+1	SE	1	c	3	0.04	52	48	-	-	-				
	Skudesnaes	29.60	53	SSE	4	o	29.50	-0.01	55	+2	ESE	4	o	4	0.39	55	52	-	-	-				
	Færder (X'lania Fjord)	29.73	51	S	1	f	29.71	-0.01	50	0	ENE	2	m	2	0.20	51	50	-	-	-				
GERMANY, &c.	The Scaw (Skagen)	29.73	51	S	2	b	29.67	0.00	52	+1	SSE	4	c	1	0.08	52	50	-	-	-				
	Blaavands Huk	29.64	53	SE	2	m	29.59	+0.01	50	-1	SE	2	m	1	-	54	48	-	-	-				
	Cuxhaven	29.65	60	SE	4	bc	29.61	0.00	50	-1	S	3	c	0	-	63	50	-	-	-				
	Berlin	29.82	57	S	3	b	29.74	-0.02	47	-2	SE	1	c	*	-	66	46	-	-	-				
	Frankfurt	29.70	57	SE	1	o	29.67	+0.01	51	0	NE	1	m	*	-	68	50	-	-	-				
	Munich	29.80	54	S	2	c	29.66	-0.04	59	+12	S	2	o	*	-	66	48	-	-	-				
	The Helder	29.53	57	SE	2	b	29.48	+0.02	55	+2	SSE	2	c	1	-	63	53	-	-	-				
	Brussels	29.48	63	SE	5	b	29.48	0.00	59	0	SE	3	o	*	-	70	58	-	-	-				
	C. Gns Nez...	29.39	61	SE	5	o	29.37	+0.01	58	+1	SSE	5	c	3	0.16	63	55	-	-	-				
	La Hève	29.32	61	SSE	6	o	29.32	*	56	-2	SE	4	c	3	0.08	64	52	-	-	-				
FRANCE.	Ushant...	29.04	56	SW	6	b	28.96	*	56	0	SSW	9	r	8	0.20	59	50	-	-	-				
	Brest (St. Mathieu)	29.09	56	S	7	c	29.01	-0.01	58	-2	S	8	o	8	0.23	63	54	-	-	-				
	Lorient (Bec Meilan)	29.13	57	SSW	6	o	29.12	*	57	-3	SSW	7	c	7	0.24	61	52	-	-	-				
	Rochefort (Ile d'Als)	29.32	61	SSW	4	o	29.32	+0.04	61	+1	SS													



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



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 now centred off the south of Ireland will continue to affect the weather over the whole of the Kingdom for the present, and further

rains and showers are probable, with strong winds or gales on our south-west coasts.

## FORECASTS FOR THE 24 HOURS NOON

Wednesday TO NOON Thursday.

0 {  
a  
b

Wind between South and South

1 East or East, light or moderate, fresh at times locally; variable sky, some showers; mild, then rather cooler.

2 {  
a  
b

3

Wind South-easterly or Southerly,

4 {  
a  
b  
5 light or moderate to fresh or strong; changeable, some showers, bright at times; temperature above the normal.

## 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 8.25 this morning in Districts 8 and 11.

6 {  
a  
b

Same as Nos. 0 to 2.

7 {  
a  
b

South-easterly winds, moderate to fresh or strong; changeable, some rain; mild, then cooler.

8 {  
a  
b

Wind between South and South-east, fresh or strong to a gale; squally, rain at times; mild.

9 {  
a  
b

Wind between South-east and East or North-east, varying in force; cloudy or overcast generally, rain at times; mild, then cooler.

10 {  
a  
b

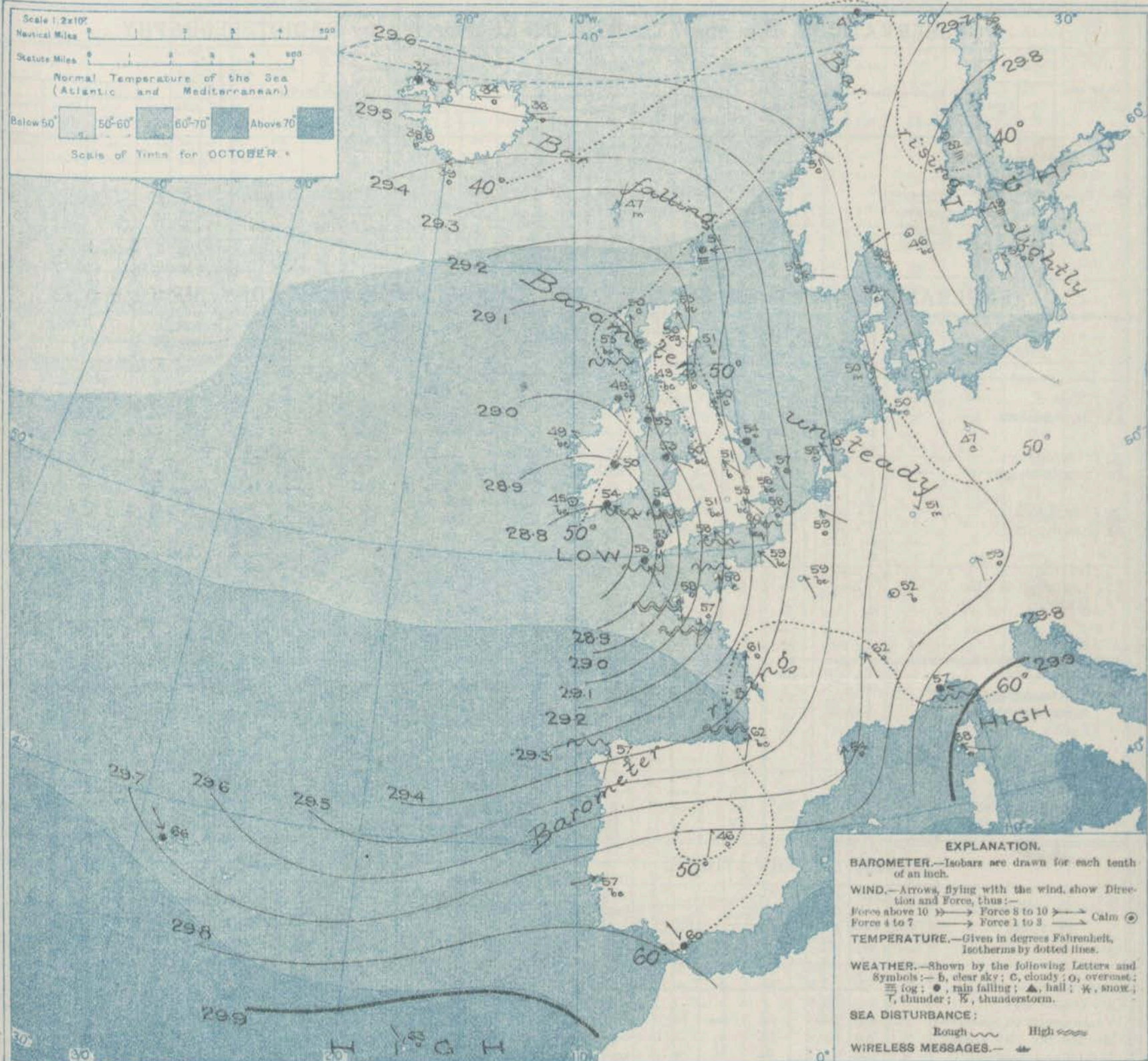
## 11 WESTERN CHANNEL AND BAY.

Southerly winds, fresh or strong to a gale; sea rough or high; squally, rain at times, some mist locally; temperature high.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Wednesday 29<sup>th</sup> OCTOBER 1913.



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

Pressure is below 28.8 in. in a depression centred off the south of Ireland, above 29.8 in. in the south-east of France and also over the Gulf of Bothnia. The gradient is steep or rather so over England and the Bay of Biscay region.

Over the United Kingdom the wind is mainly South-easterly, light or moderate over the eastern half, fresh to strong or high in the west and south-west generally; at Rocher's Point the force of a gale is reported. Between Norway and Iceland the wind is easterly; at Isafjord a strong gale prevails. Temperature remains high for the time of year. Over these

Islands it ranges from 60° at Dungeness to about 50° in Scotland and most parts of Ireland; on the continent from 64° at Perpignan and 62° at Lyons to 55° at Skudenes, and to 32° at Hernoösand. At Spitzbergen the reading is 14°. Rain is falling at many places in Ireland, Wales and the south-west of England, as well as at Ushant, Nice and Bodö, and the general condition of the weather is very unstable, although in many localities it is at present fair.



## DAILY WEATHER REPORT.

Wednesday, 29th October, 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.	
28th 6 p.m.	55	30	Grampian	H	29.50	-0.02	N	6-7	c	28th 7 a.m.	49	19	Minnehaha	O	28.45	+0.02	N	8-9	c
" 1 p.m.	51	14	Arabia	H	28.84	+0.04	SSE	1-3	b	" "	51	18	Arabia	H	28.87	-0.00	NW	6-7	c
" 7 a.m.	51	21	Sicilian	O	28.96	+0.06	NW	3-9	o	" "	51	12	Sicilian	H	28.78	-0.08	ENE	6-7	r

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot. land.	(Oban ...)	0.08	58	51	r. o. c. bc. c	bc. c	0.4	England, S.E.	Margate ...	0.08	61	55	bc. c. cp	cp. bc	1.3
	(St. Andrews ...)								Ramsgate ...	0.14	61	56	"	"	2.0
Eng. N.E.	(Harrogate ...)		55	49	o	o	0.0		Folkestone ...	0.24	61	55	r. o. bc	r. b. bc	1.6
	(Scarborough ...)		56	51	c. b	o. c	1.3		Hythe ...						1.8
Eng. N.W.	(Blackpool ...)	0.19	60	51	o	cp	0.3		Littlestone ...						1.2
	(Southport ...)	0.16	60	51	bc. c. oe	o. cp. o	0.5		Hastings ...	0.11	61	57	b. or	o	1.6
Mid. lands.	(Buxton ...)	0.03	56	45	bc	bc	1.8		Bexhill-on-Sea ...	0.10	61	57	r. o. c	bc. o	1.7
	(Leamington Spa ...)	0.02	62	50	bc	bc	2.2		Eastbourne ...	0.08	61	57	og. bc	bc. q	2.1
	(Malvern ...)						0.1		Seaford ...	0.06	63	54	c	c. r	2.8
Wales.	(Rhyl ...)	0.21	61	51	bc. c	c	0.2		Brighton ...	0.01	62	58	c. bc	bc. c. o	3.0
	(Colwyn Bay ...)	0.20	60	53	c	cd	0.5		Worthing ...	0.03	64	58	bc	bc	3.0
	(Llandudno ...)	0.20	62	51	c. b	cd	2.4		Littlehampton ...	0.01					4.2
	(Bettws-y-Coed ...)	0.24	58	50	cp	op	0.0		Southsea ...	0.08	63	57	c. o. c	or. o	4.0
	(Aberystwyth ...)	0.06	62	54	o. c. b	c. or	3.5		Ryde ...		62	57	bc. c	c	4.8
	(Tenby ...)	0.16	59	54	b. bc	op	1.0		Ventnor ...	0.05	68	55	"	"	3.7
England, E.	(Lowestoft ...)	0.04	58	55	or	or. c	0.4	England, S.W.	Weymouth ...	0.17	62	53	bp	cp	2.1
	(Felixstowe ...)	0.05	59	55	emp	emp. q	1.8		Exmouth ...	0.22	61	49	bc. er	rg. c	2.2
	(Walton-on-Naze ...)	0.05	59	55	and. c	c	1.3		Teignmouth ...	0.42	60	55	bc. c. b	cp. q	2.8
	(Southend-on-Sea ...)	0.05	61	55	p	bc	4.5		Torquay ...	0.40	61	55	b. bc	cr	3.0
									Paignton ...	0.32	62	54	b. r	p. bc	2.7
									Falmouth ...	0.39	58	49	o. c	tlp. q	0.5
									Bude ...	0.12	63	50	p	p	1.8
									Ilfracombe ...	0.27	61	52	cp. er	r. cp. cu	0.8
									Weston-super-Mare ...	0.45	62	52	b. bc	o. th. c	3.0

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

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

24 HOURS ENDED 9 A.M. TO-DAY.																				
Greenwich (Royal Obs.) ...	%	%	Hr.	F.\*	F.\*	F.\*	In.	c. bc	bc.	bcp. bc	Dublin to 4 p.m.	Is.	F.\*	F.\*	F.\*	bcp	c	cpq	Ho.	
City (Bonhill Row) ...	"	"	1.8	64	51	41	0.17	"	"	"	Plymouth to 9 p.m.	0.25	59	51	43	bcp	c	cpq	0.5	
Westminster (St. James's Pl.)	72	72	2.4	64	54	48	0.08	r	bc	r. bc	Darwen	0.17	61	52	50	bcp	bcp	oq	"	
Camden Sq. (Brit. Rainfall)	72	78	1.6	64	51	46	0.09	od. c	cp. b	bc. or. b	Manchester "	0.13	62	53	"	or. c	bc	bcp	3-	
Hampstead (Reservoir) ...	"	74	1.5	62	51	39	0.09	c. or	bc	bc	Birmingham "	0.44	59	51	46	"	o. c	c. br	1-	
Richmond Park	"	"	1.5	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.							Oxford to 8 p.m.									
Kew. (See front page.)				Total.			Average Rate.		Max. Rate.		S. Kensington									
				Joules.			Milliwatts.		Milliwatts.		(Museum Grounds to 6 p.m.)									
S. Kensington (Roof of M.O.)	74	74	2.1								0.02	64	54	42	0.0	c. o	o			

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

29th & 30th Oct. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.44 6.46	G.M.T. 11.37 11.37	G.M.T. 4.30 4.28
Greenwich ...	G.M.T. 6.49 6.51	G.M.T. 11.44 11.44	G.M.T. 4.39 4.37
Wick ...	G.M.T. 7.22 7.25	G.M.T. 11.56 11.56	G.M.T. 4.30 4.27
Valencia ...	G.M.T. 7.31 7.33	G.M.T. 12.25 12.25	G.M.T. 5.19 5.17

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to above 60° in many parts of England, the highest value being 68° at Ventnor. The minimum readings of the night were again very high for the time of year. Rain has fallen very generally and thunderstorms have occurred locally in England and Wales. At a few stations in the south and south-east more than 4 hours of bright sunshine was recorded but as a whole the day was cloudy or overcast. Wireless reports show that cyclonic winds, fresh or strong to a gale in force, prevailed on the Atlantic some distance to the south-westward 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; 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.



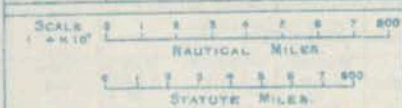
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,  
30th October, 1913.

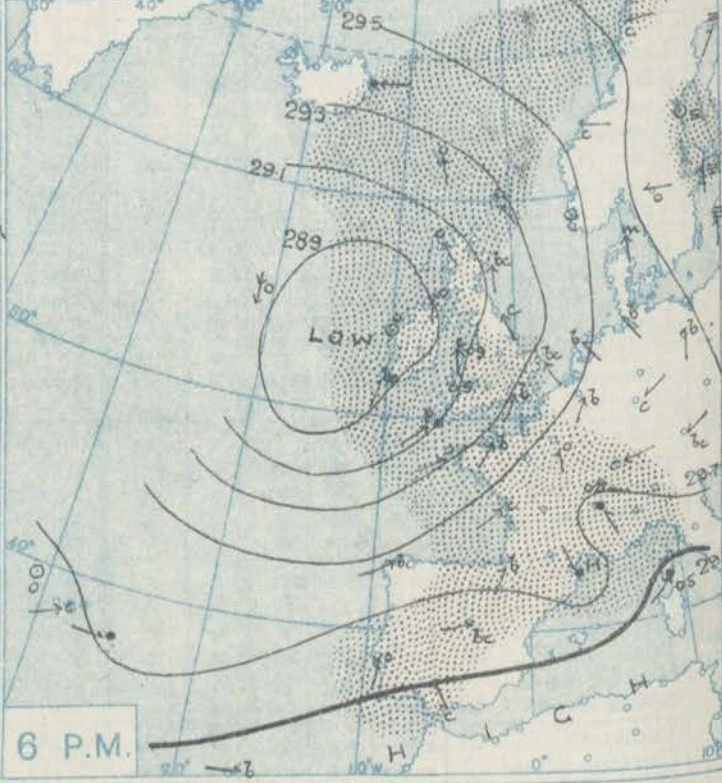
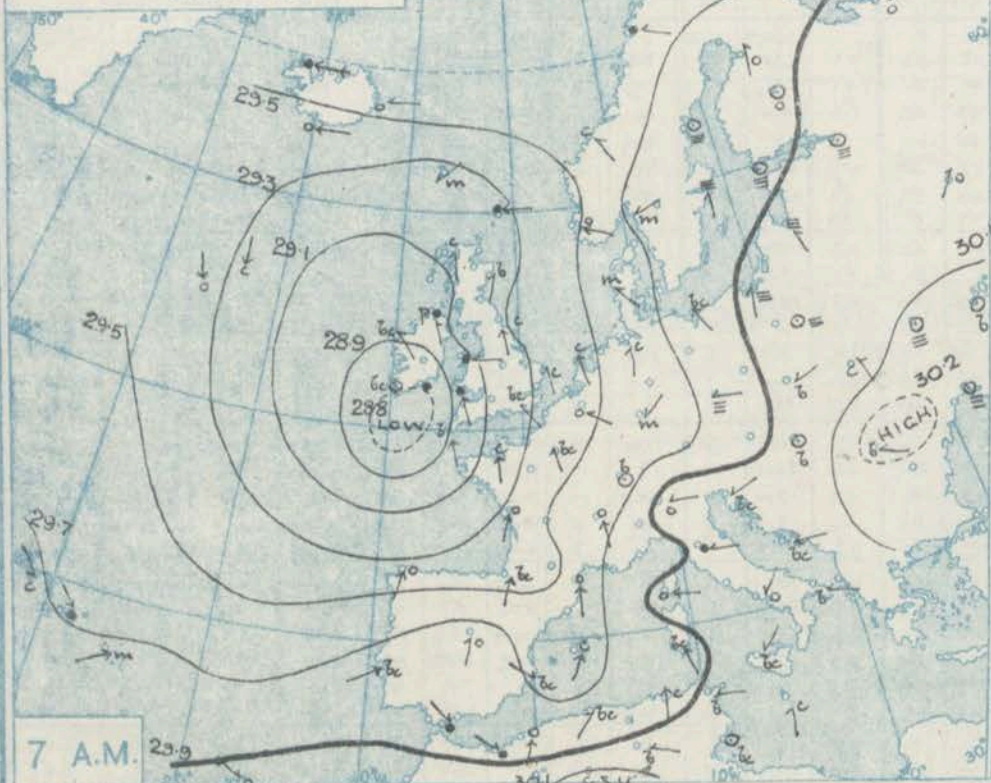
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day	
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain fall.	TEMP.		WEATHER							
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Weather.			Max.	Min.	Morning, 7 a.m. to 1 p.m.	Afternoon, 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.					
BRITISH ISLANDS.	Lerwick ...	29.29	52	SE	4	cm	29.13	+0.2	52	+1	ESE	6	cg	5	0.21	53	50	f. beam	bc	f.c. or q.	bc	f.c. or q.	5.2	
	Stornoway ...	29.06	53	SE	4	o	28.94	+0.1	51	+1	S	7	org	5	0.08	57	50	f. beam	bc	bc. o.	bc. o.	bc. o.	1.0	
	Castlebay (Barra Isd.)	28.94	54	E	4	o	28.94	+0.8	53	0	SW	4	op	5	0.35	55	51	bc. c. o.	odp.	clp. bc	clp. bc	clp. bc	3.3	
	Glasgow ...	29.03	52	SE	3	c	29.07	+0.5	49	0	S	2	bcg	4	0.05	55	44	bc. c. o.	odp.	clp. bc	clp. bc	clp. bc	3.3	
	Malin Head...	28.81	52	S	5	o	28.96	+0.4	48	-1	SSW	4	cp	3	0.11	54	46	omp	omp.	omp. cpm.	omp. cpm.	omp. cpm.	*	
	Blacksod Point ...	28.83	53	-	0	o	28.85	+0.3	52	+3	WSW	2	bc	1	0.09	55	48	bc. cyp	o. op.	cpq. bc	cpq. bc	cpq. bc	*	
	Valencia ...	28.81	51	SSW	2	bc	29.15	+0.7	51	+6	SW	4	op	5	0.19	56	44	bc. cyp	bc. cyp	cpq. bc	cpq. bc	cpq. bc	6.9	
	Roche's Point ...	28.96	54	SW	3	c	29.20	*	52	-2	WSW	4	c	5	0.25	56	52	r. o. c.	op. y	cp. l. gu	cp. l. gu	cp. l. gu	*	
	Birr Castle ...	28.87	50	SW	2	c	29.10	*	51	+1	SW	3	c	4	0.28	56	46	cp	cp	cp	cp	cp	2.6	
	Donaghadee ...	28.97	53	SSE	4	emp.	29.01	+0.3	50	-3	SSW	2	orm	3	0.28	56	48	bc. m.	emp.	bc. orm	bc. orm	bc. orm	*	
	Liverpool Obsy. ...	29.11	52	SE	4	c	29.27	+1.2	51	+1	S	4	cg	4	0.42	59	49	bc	tlh. o	c	c	c	3.5	
	Holyhead ...	28.95	55	S	5	emp.	?	+0.9	55	+2	SW	6	cgq	6	0.85	60	51	bc. cyp	op. cp. o	cp. op. c	cp. op. c	cp. op. c	2.7	
	Pembroke (St. Ann's Hd.)	29.04	55	SSW	6	c	29.28	+0.7	52	-4	SW	7	cpq	7	0.52	61	50	cpq	cpq	cpq	cpq	cpq	0.4	
	Newquay ...	29.10	54	SSW	5	o	29.39	+0.3	48	-5	SSE	2	b	3	0.33	57	46	op. bc	bc. cp. o	cp. b	cp. b	cp. b	3.3	
	Scilly (St. Mary's) ...	29.09	54	SW	4	cgq	29.36	+0.2	51	-2	WSW	4	cg	6	0.28	57	50	cgq	cgq	cpq. cg	cpq. cg	cpq. cg	1.7	
	Jersey (St. Aubin) ...	29.31	59	SW	4	b	29.58	*	54	-4	SSW	4	b	4	0.20	62	53	ogp. bc	bc. c.	b	b	b	4.8	
	Portland Bill ...	29.23	58	SSW	7	cu	29.47	+0.6	55	-3	SW	6	bep	6	0.30	60	53	cg	cg.	cpq.	cpq.	cpq.	*	
	Dungeness ...	29.34	60	S	5	bc	29.56	+0.4	56	-4	SW	5	cg	5	Trace	62	55	cg	cg.	cgq.	cgq.	cgq.	1.5	
	Dover ...	29.35	58	SSW	6	b	29.57	*	55	-3	SW	6	bc	6	0.02	60	54	c. or. c	bc. c. bc.	b. bc.	b. bc.	b. bc.	*	
	Wick ...	29.15	53	SSE	6	o	29.04	+0.4	52	-1	SSE	6	r	5	0.05	54	51	bc. m.	bc. m.	cm. orm	cm. orm	cm. orm	*	
	Nairn ...	29.07	51	SE	2	cg	29.02	*	51	+1	SSE	1	og	2	0.02	57	46	bc	bc.	bc.	bc.	bc.	6.8	
	Aberdeen ...	29.17	53	SSE	4	bc	29.12	+0.1	51	0	SSW	3	r	4	0.04	55	51	b. o. c	o. c.	bc. or	bc. or	bc. or	1.3	
	Leith ...	29.06	53	SSE	4	r	29.07	+0.2	50	+1	S	2	c	4	0.19	58	46	b. bc	bc. c. o	tlh. o	tlh. o	tlh. o	*	
	North Shields ...	29.12	53	SE	4	c	29.20	+0.2	51	+1	S	4	c	4	-	57	49	c	c	c	c	c	3.9	
Spurn Head ...	29.22	56	SSE	5	c	29.34	+0.3	50	-4	S	6	bcq	4	0.03	57	48	c	cg	bcq.	bcq.	bcq.	5.9		
Yarmouth ...	29.34	58	SE	4	bc	29.48	+0.4	54	-3	S	2	b	2	Trace	60	53	c	bc.	bc.	bc.	bc.	2.0		
Clacton-on-Sea ...	29.32	58	SSE	6	bc	29.53	+0.5	55	-3	SSE	4	bc	3	0.04	60	54	bc. cp.	c. bc.	bc.	bc.	bc.	3.5		
Nottingham ...	29.20	55	S	4	b	29.40	*	48	-3	S	4	b	4	0.04	62	48	bc	bc. b	bc.	bc.	bc.	6.9		
Bath ...	29.21	54	S	3	o	29.46	*	50	-1	SW	4	c	4	0.30	61	49	bc. c	om.	b. bc. c	b. bc. c	b. bc. c	2.6		
London (Kew Obsy.)...	29.30	57	SSW	4	b	29.51	+0.3	51	-4	S	2	c	4	0.02	62	50	bc	bc. b	b. bc. op	b. bc. op	b. bc. op	5.9		
ICELAND, FAEROE, &c.	Spitzbergen ...	30.27	21	NNE	1	o	29.93	+0.1	18	+4	SE	1	o	*	21	12	GALES.							
	Isafjord ...	...	...	...	...	...	...	...	...	...	...	...	...	*	*	*	Duration and Extreme Force in British Islands							
	Reykjavik ...	...	...	...	...	...	...	...	...	...	...	...	...	*	*	*								
	Vestmanna ...	...	...	...	...	...	...	...	...	...	...	...	...	*	*	*								
SCANDINAVIA.	Seydisfjord ...	29.43	38	E	4	r	29.17	-0.2	39	+3	-	0	r	*	*	*	Falmouth.							
	Thorshavn ...	29.16	50	SSE	5	o	28.97	-0.5	49	+2	SE	4	m	*	*	*	7am-10am. SSE-SW 8 gkts							
	Haparanda ...	29.76	36	SW	2	f	29.96	+0.2	33	-2	N	2	f	*	*	*	6amph(10)							
	Hernösand ...	29.83	44	-	0	f	29.85	+0.1	45	+13	-	0	f	*	0.04	45	30	Portland Bill						
	Stockholm ...	29.87	47	S	2	f	29.88	+0.2	47	-1	SSE	2	f	*	Trace	52	45	7pm-3am. SSW. 8						
	Wisby ...	29.89	47	S	2	f	29.86	-0.1	47	-3	SSE	2	f	*	-	59	46	Aberdeen						
	Karlstad ...	29.78	49	E	2	o	29.77	+0.2	49	+3	E	2	o	*	-	54	46	11pm- Squall SSE 42mph(8)						
	Vardö ...	29.79	38	-	0	b	29.85	+0.6	35	+2	NW	6	o	3	?	36	25							
	Bodö ...	29.74	40	E	1	c	29.66	-0.1	45	+4	ENE	6	c	2	0.12	45	39							
	Christiansund ...	29.55	55	SSE	1	c	29.44	-0.1	59	+8	ESE	3	c	4	-	59	51							
GERMANY, &c.	Skudesnaes ...	29.47	55	-	0	o	29.46	-0.0	55	0	SSE	6	o	5	-	59	54							
	Færder (X'ania Fjord) ...	29.70	51	NNE	2	bc	29.70	+0.2	51	+1	S	4	f	2	-	52	50							
	The Scaw (Skagen) ...	29.66	53	SSE	2	m	29.68	+0.2	51	-1	SSE	4	f	2	-	54	50							
	Blaavands Huk ...	29.59	51	SSE	2	m	29.64	+0.3	51	+1	SSE	1	m	1	-	57	48							
	Cuxhaven ...	29.60	51	SE	2	b	29.67	+0.2	46	-4	S	2	b	0	-	55	46							
	Berlin ...	29.69	55	S	1	b	29.71	+0.1	46	-1	SE	1	c	4	-	66	45							
	Frankfurt ...	29.66	57	NE	1	c	29.77	+0.3	45	-6	-	0	f	4	-	66	45							
	Munich ...	29.69	50	NE	1	bc	29.76	+0.1	50	-9	NW	1	o	4	-	61	48							
	The Helder ...	29.47	57	SE	2	b	29.62	+0.4	51	-4	S	3	bc	2	-	64	50							
	Brussels ...	29.54	55	SSE	5	b	29.68	+0.5	51	-2	SSW	1	b	4	Trace	70	50							
FRANCE.	C. Gris Nez ...	29.38	57	S	6	b	29.58	+0.5	54	-4	SSW	6	c	5	0.04	61	54							
	La Hève ...	29.45	57	S	5	c	29.63	*	52	-4	SW	5	c	4	-	63	48							
	Ushant ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...							
	Brest (St. Mathieu) ...	29.32	?	WSW	7	o	29.51	0.0	55	-3	S	6	o	6	0.24	63	54							
	Lorient (Bec Meien)...	29.36	60	SW	6	c	29.51	*	55	-2	SSW	4	o	6	0.04	61	50							
	Rochefort (Ile d' Aix)	29.57	59	SW	6	c	29.71	+0.3	55	-6	S	4	c	3	Trace	63	55							
	Biarritz ...	29.59	62	SSW	3	b	29.75	0.0	58	-4	SSW	3	c	7	-	63	54							
	Paris ...	29.55	58	S	3	o	29.74	+0.5	51	-8	SSW	3	b	*	Trace	63	51							
	Belfort ...	29.62	56	ENE	6	c	29.84	*	50	-2	W	4	r	*	0.08	68	49							
	Lyons ...	29.72	52	SE	2	r	29.84	*	50	-12	SE	1	o</											



# BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 29<sup>th</sup> OCTOBER 30<sup>th</sup>



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 any great change in the pressure distribution. It is probable that

small secondary disturbances will arrive over our south-western and western districts.

## FORECASTS FOR THE 24 HOURS NOON Thursday

## TO NOON Friday.

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

Wind mainly Southerly, varying in force; mostly fair, some squalls and showers locally; mild.

Wind between South and South-West, light or moderate, fresh at times; mostly fair; mild.

## 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 yesterday morning at 8.25 in Districts 8 and 11

6 {  
7 {  
8 {  
9 {  
10 {

Southerly and South-Westerly winds, moderate or fresh, strong at times; variable weather, some squalls and showers; mild.

Wind between South and West, light or moderate to fresh or strong; changeable, rain at times; mild.

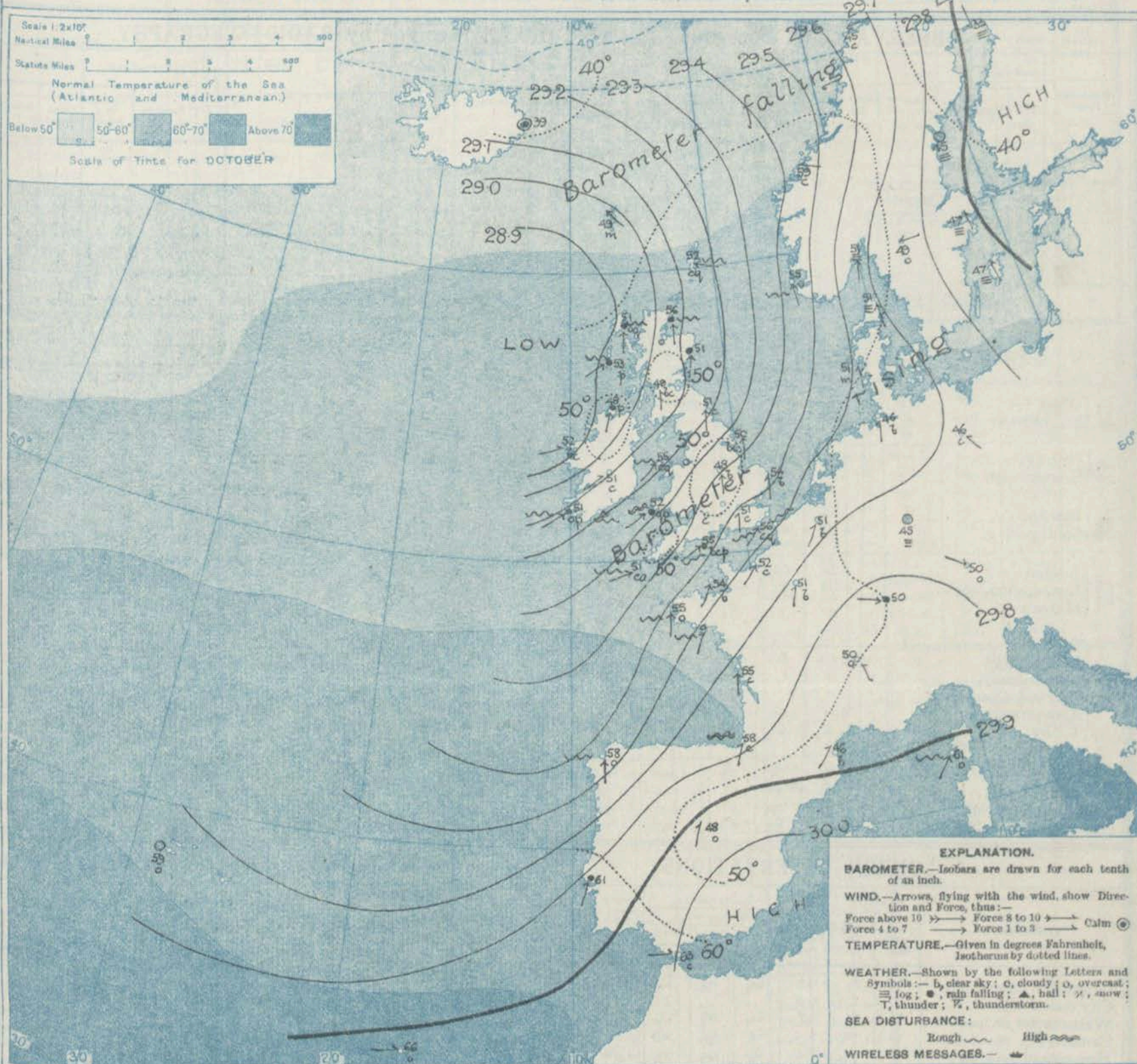
## 11 WESTERN CHANNEL AND BAY.

Southerly and South-Westerly winds, moderate or fresh; sea rather rough; some showers, mostly fair.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. THURSDAY, 30<sup>TH</sup> OCTOBER 1913.



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

The depression, which was shown off our south-west coasts yesterday, has moved in a north-westerly direction to the Atlantic, and the lowest barometer reading now reported is 28.85 in. at Blacksod Point. Over the south of France the readings increase to above 29.8 in. and in the north of Sweden to above 29.9 in.

Southerly and South-Westerly winds are reported very generally, the force being moderate or light in many localities, but fresh or strong to high on various parts of our southern, western and northern coasts. Temperature has fallen a little in several places, but it is still above the normal. Over the

United Kingdom it ranges from 55° or 56° in the extreme south and south-east to 48° at Nottingham, Newquay and Malin Head. Rain is falling at many stations in the north and west of the British Isles, but generally the weather is fair to fine both in this country and on the continent. Rain is, however, falling at Belfort, and fog prevails at Frankfurt and over the Gulf of Bothnia.



## DAILY WEATHER REPORT.

Thursday, 30th October, 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.	
29th	Spain	56 20	Grampian	H	28.96	-0.02	N	8-9	o										
		54 27	Megantic	H	29.47	+0.07	NNW	6-7	o										
		56 25	Grampian	H	29.25	-0.03	N	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.	
Scot. land.	In.	F.	F.	bc. r.	o. c.	Hr.	(Margate ...)	In.	F.	F.	bc.	c. bc.	Hr.
(Oban ...)	0.04	57	51	bc.	bc.	5.9	(Ramsgate ...)	0.10	62	54	*	*	1.6
(St. Andrews ...)	0.04	55	41	bc.	bc.	5.9	(Folkestone ...)	0.18	60	53	bc. r. o.	b. o. bc.	2.2
Eng. N.E.							(Hythe ...)						
(Harrogate ...)	0.01	57	44	o. c. bc.	c. bc.	0.8	(Littlestone ...)						2.7
(Scarborough ...)	*	61	51	c. bc.	b.	5.4	(Hastings ...)	0.21	62	52	or. bc.	o. c. b.	3.0
Eng. N.W.							(Bexhill-on-Sea ...)	0.18	62	53	bc. b.	b. bc. bc.	3.2
(Blackpool ...)	0.26	61	48	o. c.	cl. r.	3.9	(Eastbourne ...)	0.23	62	54	og. bc.	c. bc. g.	4.0
(Southport ...)	0.36	60	47	b. bc. o.	cl. r. c.	4.7	(Seaford ...)	0.12	62	53	r. c.	c.	3.6
Mid. land.							(Brighton ...)	0.08	62	56	c. bc. c.	bc. c.	5.1
(Buxton ...)	0.20	56	46	bc. r.	bc.	3.1	(Worthing ...)	0.10	63	55	bc.	bc.	4.5
(Leamington Spa ...)	0.06	62	49	c.	c.	5.0	(Littlehampton ...)	0.01	*	*	*	*	2.9
(Malvern ...)	*	*	*	*	*	3.1	(Southsea ...)	0.07	62	54	bc.	bc. c.	4.7
Wales.							(Ryde ...)	0.20	61	58	bc. c.	c. bc.	4.2
(Rhyl ...)	0.15	59	48	bc. c.	c. bc.	4.0	(Ventnor ...)	0.20	68	52	*	*	5.8
(Colwyn Bay ...)	0.13	60	47	op. bc.	p. o.	3.5	(Bournemouth ...)	0.19	61	53	bc. s. o.	cr. c.	2.5
(Llandudno ...)							England, S.E.						
(Bettws-y-Coed ...)	0.17	60	50	o. c.	c. or.	4.0	(Weymouth ...)	0.05	61	54	or. bc.	cp.	1.7
(Aberystwyth ...)	0.20	61	51	r.	op.	0.6	(Exmouth ...)	0.18	61	55	cp. g. c.	b. bc.	1.8
(Tenby ...)							(Teignmouth ...)	0.11	59	54	bcp. g.	cp.	0.4
England, E.							(Torquay ...)	0.18	61	55	bcp.	bcp.	2.0
(Lowestoft ...)	0.12	61	53	c. o. c.	c. oe. bc.	1.5	(Paignton ...)	0.16	59	54	bcp.	bcp.	2.3
(Felixstowe ...)	0.02	60	52	bc. emu.	c. bc. m.	3.4	(Falmouth ...)	0.79	58	51	org.	bc. g.	2.8
(Walton-on-Naze ...)	0.04	59	51	bc. c.	c. bc.	2.7	(Bude ...)	0.32	59	50	cp.	cp.	3.5
(Southend-on-Sea ...)	0.20	62	53	bc.	bc. b.	8.0	(Ilfracombe ...)	0.25	59	51	cp. c.	cp. c.	1.0
							(Weston-super-Mare ...)	0.03	59	47	cp. b. bc.	cp. bc.	1.6

## LONDON OBSERVATIONS.

## Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.			STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.		
				Max.	Min.														
				24 HOURS ENDED 9 A.M. TO-DAY.															
Greenwich (Royal Obs.) ...	65	80	7.7	F. 64	F. 50	F. 42	In. 0.02	bc	bc	bc.cpc	Dublin to 4 p.m.	In. 0.13	F. 56	F. 50	F. 48	cpq	p.o	p.c.b	2.0
City (Bunhill Row) ...	*	*	4.5	*	*	*	*	*	*	*	Plymouth to 9 p.m.	0.27	58	52	50	bcq	o.g	bcq	2.0
Westminster (St. James's Pk.)	74	81	5.7	64	53	46	-	bce	bc	bc	Darwen	0.06	58	44	40	or.u.c	cu.b	bcord	3.3
Camden Sq. (Brit. Rainfall)	70	79	3.6	65	50	45	0.02	b.bc	bc.c	bc.cpb	Manchester	Trace	63	49	*	e.c.b	b.be	bc.c.b	5.6
Hampstead (Reservoir) ...	*	77	5.0	61	49	36	0.06	bcp	or.bc	c	Birmingham	0.02	59	47	41	*	b.c	cp	4.1
Richmond Park	*	*	5.9	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.							Oxford to 8 p.m.	*	61	51	46	ol.or.bc	b.be	bc.c.r	*
Kew. (See front page.)											S. Kensington								
				Total.		Average Rate.		Max. Rate.											
S. Kensington (Roof of M.O.)	52	91	4.2	504 Joules.		14.2 Milliwatts.		34 Milliwatts.			(Museum Grounds to 6 p.m.)	0.05	63	54	46	bc.c.	c.m.r	og.c.bc	*

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

	30th Oct. 1913.	Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth ...		6.45	11.37	4.26
Greenwich ...		6.51	11.44	4.37
		6.53	11.44	4.35
Wick ...		7.25	11.56	4.27
		7.28	11.56	4.24
Valencia ...		7.33	12.25	5.17
		7.35	12.25	5.15

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 60° or above in many parts of England, and again remained at a high figure during the night. Rain has fallen very generally, and thunderstorms have occurred at some stations in the northwest of England. At Holyhead the rain measurement was 0.85 in. Bright sunshine was very prevalent in some parts of these islands; at some Irish and Scottish stations the record was nearly 7 hours, and at Southend on sea 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; 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.

Friday,  
31st October, 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Vester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.					
	At 52° F. and M.S.L. Lat. 45°	Dry Bulb.	Force (0 to 12).	Dir.	Force (0 to 12).	Weather.	At 52° F. 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.	Morning, 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.		
																						Hours.
BRITISH ISLANDS.	Lerwick ...	29.22	52	SSE	3	c	29.31	+0.1	51	-1	SSE	4	oq	4	0.00	52	50	cp,om	bc.c.	cp,beq	2.3	
	Stornoway ...	29.13	52	SSW	4	c	29.15	-0.5	49	-2	S	8	eq	7	0.51	54	48	op,og	c	cp,q	1.8	
	Castlebay (Barra Isd.)	29.11	53	SW	4	op	29.17	+0.4	49	-4	WSW	7	r	6	0.20	54	47	op,beq	op	op,beq	0.3	
	Glasgow ...	29.31	51	SSW	4	o	29.38	+0.4	44	-5	SW	3	c	3	0.05	55	44	bc,adp	o,cp,o	o,cbep	*	
	Malin Head...	29.18	49	WSW	4	c	29.22	+0.2	46	-2	SW	5	bc	5	0.08	55	44	c	cp,q	beq,q	*	
	Blacksod Point ...	29.42	49	SW	5	cmp	29.42	+0.7	49	-3	W	6	cp,q	4	0.28	58	45	bc,om	om	cp,q	3.2	
	Valencia ...	29.37	46	WSW	3	c	29.60	+0.8	47	-4	SW	3	bc	4	0.27	53	45	cp	cp	cp		
	Roche's Point ...	29.41	50	WSW	3	b	29.64	*	44	-8	WSW	2	b	4	0.04	57	44	cp	c.b	b	1.0	
	Birr Castle ...	29.31	46	S	1	bc	29.55	*	41	-10	SW	2	b	*	0.03	54	39	cp,c	bc	b		
	Donaghadee ...	29.29	35	SW	3	c	29.47	+0.6	41	-9	SSW	3	bc	3	0.03	55	41	or,fc	c	bc	3.4	
	Liverpool Obsy. ...	29.46	51	SSE	2	o	29.60	+0.7	46	-5	SW	4	b	3	0.10	55	46	bc	op	or,b	2.8	
	Holyhead ...	29.38	52	SW	3	cp,q	29.55	+0.4	50	-5	SW	4	bc,q	3	0.08	56	49	og,cp	op,c,be	o,cp,be	1.4	
	Pembroke (St. Ann's Hd.)	29.44	53	SSW	5	c	29.66	+0.5	51	-1	WSW	5	bc,q	5	0.10	55	50	cp	cp	cp		
	Newquay ...	29.44	49	WSW	2	o	29.74	+0.7	47	-1	SW	2	b	3	0.39	53	45	b,fc,op	or	or,op,b	1.9	
	SCOTLAND.	Scilly (St. Mary's) ...	29.47	52	WNW	4	cp	29.74	+0.5	51	0	WNW	4	bc	6	0.04	53	48	op,cr	-	bc,be	0.1
Jersey (St. Aubin) ...		29.58	57	SSE	5	og,cr	29.85	*	54	0	SW	4	b	4	0.10	58	51	og,cr	og,cr	og,cr	1.2	
Portland Bill ...		29.49	56	SSE	7	og	29.75	+0.6	54	-1	W	5	bc	4	0.10	58	54	cp,q	cp,q	cp,q	*	
Dungeness ...		29.67	58	SW	4	op	29.79	+0.7	52	-4	W	3	b	4	0.06	60	51	cp	c,op	op,q	5.5	
Dover ...		29.65	58	SSW	5	cp	29.80	*	48	-7	WSW	3	b	4	0.05	58	48	bc	bc	or,c,be		
Wick ...		29.22	53	S	3	bc	29.29	+0.1	49	-3	S	4	bc	4	0.06	54	49	om,be	bc	bc	2.8	
Nairn ...		29.20	54	S	2	og	29.28	*	46	-5	SW	1	bc	2	-	56	42	q,be	bc	bc	2.0	
Aberdeen ...		29.32	53	S	5	c	29.38	0.0	46	-5	SSW	3	b	3	0.04	56	46	cp	bc	bc	*	
Leith ...		29.32	54	SSE	3	c	29.40	+0.4	46	-4	SW	3	b	*	Trace	57	46	cp,c	c	bc,b		
North Shields ...		29.44	53	S	3	c	29.52	+0.5	47	-4	SW	2	bc	2	0.11	58	47	bc	bc	cr,be	0.3	
Spurn Head ...		29.55	54	S	5	c	29.61	+0.5	48	-2	WSW	5	bc	5	0.06	57	46	bc	c	cp		
Yarmouth ...		29.67	54	S	2	bc	29.70	+0.4	49	-5	SW	2	bc	2	-	59	49	bc	bc	o,be	1.7	
Clacton-on-Sea ...		29.65	56	SSW	3	o	29.75	+1.0	49	-6	WSW	2	bc	2	Trace	59	49	bc,be	bc,c	o,c,be	4.2	
Nottingham ...		29.55	52	S	2	c	29.68	*	44	-4	SW	3	bc	*	0.08	58	43	b,be	bc,c	cp,o	5.2	
Bath ...		29.51	53	S	2	o	29.78	*	42	-8	SW	4	b	*	0.41	58	41	c,be,o	r,o	r,b	2.6	
London (Kew Obsy.) ...	29.62	54	SSE	3	c	29.80	+0.9	47	-4	SW	1	bc	*	0.09	57	46	cp,c	cp,c	c,od,or	1.8		
ICELAND, FAEROE, &c.	Spitzbergen ...	29.99	23	SE	3	S	29.89	-0.4	18	0	-	0	c	*	?	27	14					
	Isafjord ...													*	*	*	*					
	Reykjavik ...													*	*	*	*					
	Vestmanna ...													*	*	*	*					
	Seydisfjord ...	29.11	39	SW	2	o	29.22	+0.5	41	+2	E	2	o	*	*	*	*					
SCANDINAVIA.	Thorshavn ...	28.96	48	SSE	3	m	29.12	+0.1	48	-1	SSW	4	o	*	*	*	*					
	Haparanda ...	29.96	35	NE	4	c	29.81	-0.4	39	+6	S	2	f	*	0.12	39	32					
	Hernösand ...	29.88	44	-	0	f	29.81	-0.1	44	-1	S	2	f	*	Trace	45	43					
	Stockholm ...	29.84	47	S	2	o	29.82	0.0	46	-1	WSW	2	o	*	0.04	50	45					
	Wisby ...	29.84	50	o	2	f	29.83	+0.1	49	+2	S	2	f	*	Trace	50	46					
GERMANY, &c.	Karlstad ...	29.82	49	-	0	o	29.81	0.0	48	-1	-	0	f	*	Trace	50	46					
	Vardö ...	30.13	35	NW	2	bc	30.00	-0.4	35	0	S	2	o	2	-	36	30					
	Bodö ...	29.58	46	ESE	6	bc	29.65	0.0	45	0	ESE	5	bc	2	-	46	43					
	Christiansund ...	29.50	52	E	1	c	29.59	+0.2	50	-9	SW	1	c	3	-	61	48					
	Skudesnaes ...	29.61	53	ESE	6	m	29.68	0.0	53	-2	S	6	o	5	-	54	42					
FRANCE.	Fæder (K'ania Fjord) ...	29.77	50	SSW	3	f	29.79	+0.1	51	0	SSW	2	f	2	-	51	50					
	The Scaw (Skagen) ...	29.78	51	S	4	f	29.82	0.0	50	-1	-	0	f	0	Trace	54	48					
	Blaavands Huk ...	29.80	51	S	1	m	29.81	+0.1	50	-1	S	2	m	2	Trace	54	48					
	Cuxhaven ...	29.82	53	S	2	o	29.86	0.0	44	-2	S	2	m	8	-	57	43					
	Berlin ...	29.76	55	-	0	b	29.97	+0.6	52	+6	W	1	o	*	0.04	64	46					
SPAIN, PORTUGAL, &c.	Frankfurt ...	29.90	52	SW	1	m	30.02	+0.4	49	+4	SW	2	f	*	Trace	54	45					
	Munich ...	29.93	54	W	3	o	30.10	+0.3	47	-3	SSW	1	bc	*	0.04	57	48					
	The Helder ...	29.77	48	SSE	2	b	29.73	0.0	52	+1	S	4	c	3	-	59	46					
	Brussels ...	29.82	51	SSE	4	b	29.85	+0.6	51	0	SW	3	o	*	Trace	61	50					
	C. Gris Nez ...	29.71	57	S	6	r	29.81	+1.3	55	+1	W	5	b	5	0.04	59	54					
PORTUGAL, &c.	La Hève ...	29.68	55	SE	5	c	29.83	*	52	0	SW	5	bc	5	0.04	59	48					
	Ushant ...	29.59	55	WNW	5	bc	29.83	*	56	0	W	5	c	7	0.39	59	50					
	Brest (St. Mathieu) ...	29.43	55	NW	8	r	29.87	+0.5	54	-1	WSW	4	c	3	0.24	63	52					
	Lorient (Bec Melen) ...	29.53	59	SW	7	o	29.91	*	55	0	W	3	c	4	0.04	61	50					
	Rochefort (Ile d' Aix) ...	29.75	59	S	4	o	29.94	+0.4	57	+2	W	2	o	*	-	64	54					
MADEIRA.	Biarriz ...	29.76	63	SSW	4	b	29.91	+0.1	59	+1	E	2	o	5	-	64	58					
	Paris ...	29.80	57	SSE	3	b	29.92	+0.7	54	+3	SSW	2	o	*	Trace	63						

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

Scilly  
11pm squalls w.s.

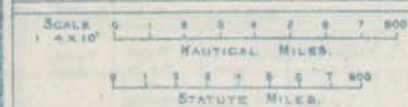
Portland Bill  
7pm-9pm sse. 8.

\* Information for these columns not usually received.

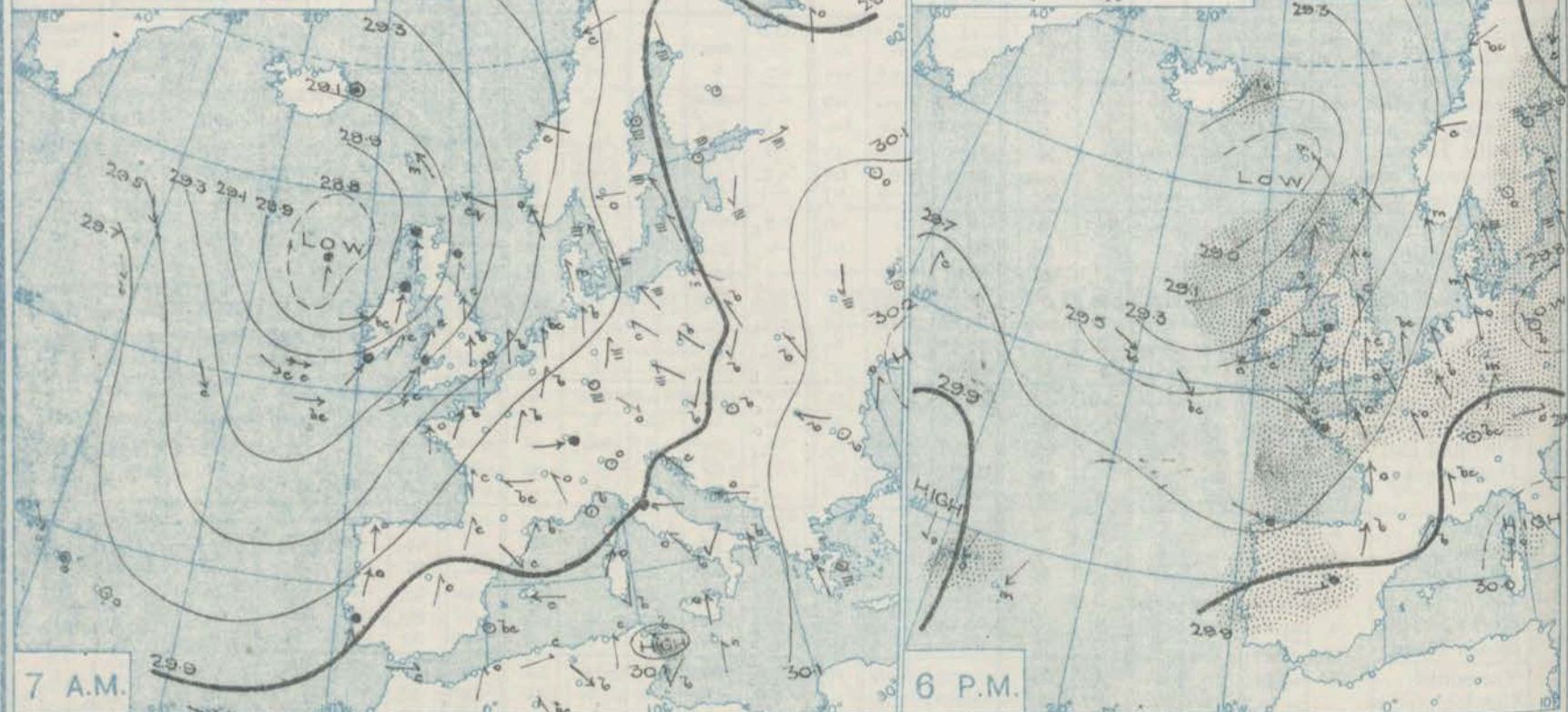
† Received too late for insertion in Charts.



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



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



## GENERAL INFERENCE

The pressure distribution continues favourable for the approach of further disturbances from the westward or south-westward, and the

## WEATHER PROSPECTS.

main wind current is, therefore, likely to continue between South-West and South.

## FORECASTS FOR THE 24 HOURS NOON Friday

## TO NOON Saturday.

- 0 {  
a Wind mainly between South and South-West, light or moderate to fresh; changeable, some showers, considerable fair intervals; moderately high temperature.  
b

1

- 2 {  
a Wind between West and South-West or South, light or moderate, fresh at times locally; some squalls and showers in places, otherwise fair; moderate or rather high temperature.  
b

3

4 {  
a  
b

5

## FORECAST DISTRICTS.



## STORM WARNINGS.

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

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

South Cone hoisted last evening in Districts 3, 5, 8 and 11 and lowered this morning at 9.30.

6 {  
a  
b

7 {  
a  
b

8 {  
a  
b

9 {  
a  
b

10 {  
a  
b

Same as Nos. 0 and 1.

Wind between South-West and South, light or moderate to fresh or strong; changeable, some squalls and showers, fair intervals; moderate temperature.

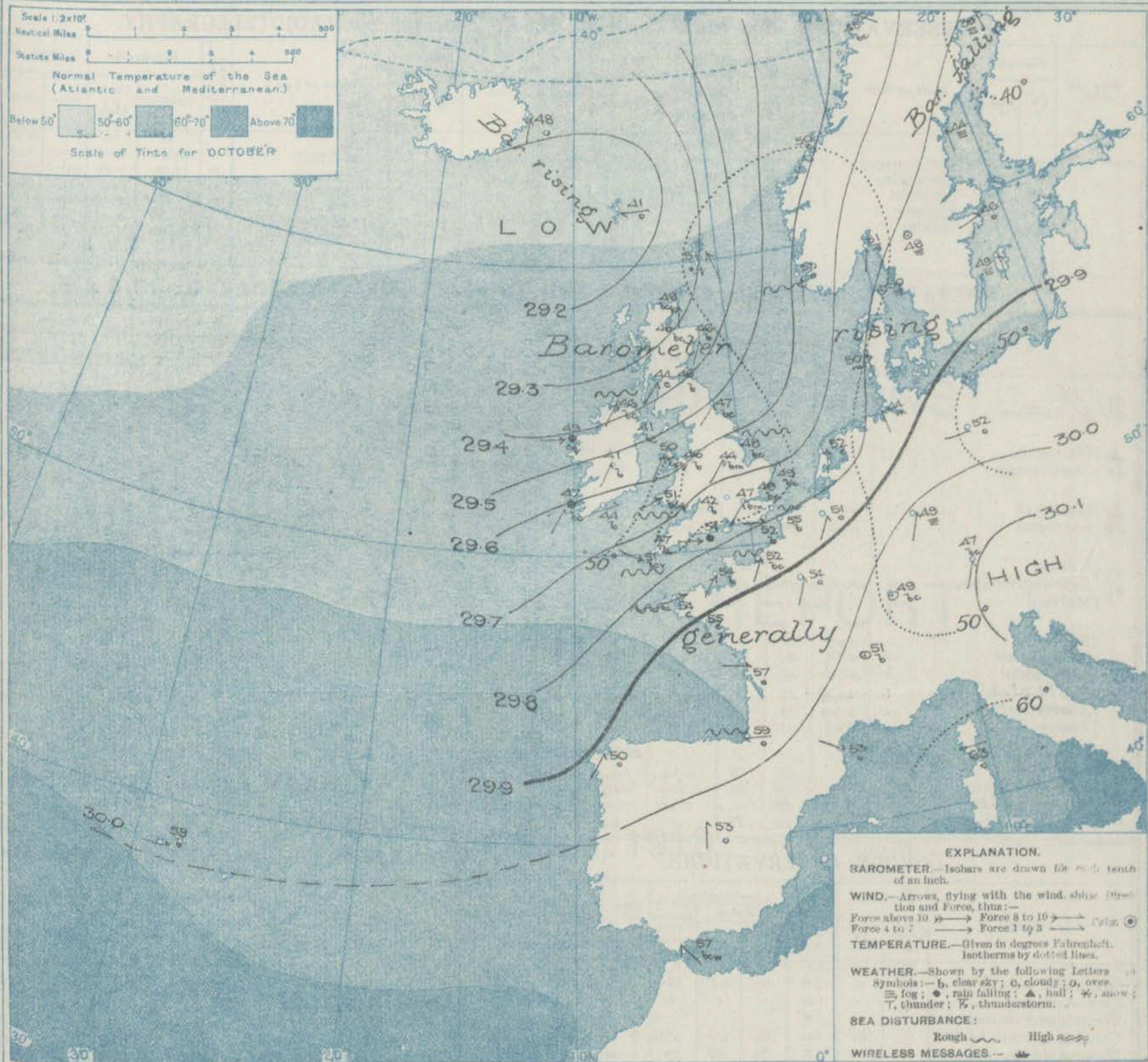
## 11 WESTERN CHANNEL AND BAY.

Westerly to Southerly winds, moderate to fresh or strong; sea rather rough to moderate; some squalls and showers, otherwise fair.

## THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Friday, 31<sup>st</sup> OCTOBER 1913.



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

Pressure is below 29.2 in. in a large depression of decreasing intensity lying between Scotland and Iceland, above 30 in. over South Germany and the east of France, and also at Gibraltar. Over the lower part of the North Sea there are some indications of a secondary disturbance which passed in an easterly direction over the Channel during the night, and became less deep.

The wind is Southerly in the north of Scotland, Westerly at Blacksod Point and at some of our south coast stations, and mainly South-Westerly elsewhere. It blows a fresh breeze in some localities,

but is generally moderate to light in force. Beyond the North Sea a Southerly breeze is reported. Temperature has fallen generally. Over these Islands it ranges from 54° at Portland Bill and Jersey to 44° at Glasgow and Nottingham, 42° at Bath, and 41° at Donaghadee and Birr Castle. Showers are falling at Portland Bill and in the west of Ireland, but generally the weather is at present fair to bright in the United Kingdom. Fog prevails in Sweden, Northern Denmark and at Frankfurt.



# DAILY WEATHER REPORT.

Friday, 31st October, 1913.

## OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward Home-ward	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward Home-ward	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
30th Oct.	52	39	Carthaginian	O	29.74	+0.1	S	1-3	c	30th Jan	53	32	California	H	29.74	+0.7	NW	4-5	b
"	51	20	Francina	O	29.48	+1.2	WNW	4-5	bc	"	56	31	Laurentie	H	29.41	-0.6	NW	4-5	c
"	55	10	Tunisian	O	29.08	-0.1	SW	4-5	b	"	49	22	Olympic	H	?	+0.1	NW	4-5	c
"	40	15	Olympic	H	?	+0.6	NW	4-5	bc	"	50	17	Cedric	O	29.26	+0.9	W	8-9	c
"	51	12	Cedric	H	?	+0.5	WSW	6-7	c	"	51	16	Francina	O	29.35	+0.8	W	4-5	bc
"										"	49	14	Kronland	H					

## 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.	
Scot- land.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
(Oban ...)							Ramsgate ...		59	52	bc	bc	4.1
(St. Andrews ...)							Folkestone ...		57	52	"	"	4.3
Eng. N.E.							Hythe ...		58	54	b.bc	bc.o	4.3
(Harrogate ...)	0.01	53	48	bc.b	b.bc.e	4.6	Littlestone ...		"	"	"	"	4.9
(Scarborough ...)	"	56	49	c	b.o	6.5	Hastings ...		60	55	o.bc.b	bc.o	5.2
Eng. N.W.							Bexhill-on-Sea ...	0.02	59	55	bc	bc.or	5.3
(Blackpool ...)	0.10	56	50	r.c.bc	op	3.0	Eastbourne ...	0.02	60	55	bc.b	bc.or	4.6
(Southport ...)	0.06	56	49	b.bc.co	"	3.5	Seaford ...	0.03	63	56	c	c.r	3.5
Mid- lands.							Brighton ...	0.05	59	54	c.o	or.o	2.5
(Buxton ...)	0.16	57	45	bc	bc	3.7	Worthing ...	0.27	60	52	bc	q.r	1.1
(Leamington Spa ...)	0.05	58	47	c	c.b	4.2	Littlehampton ...	0.13	"	"	"	"	1.7
(Malvern ...)	"	"	"	"	"	2.8	Southsea ...	0.11	59	52	c.r.c.b	c.r	1.7
Wales.							Ryde ...	0.11	58	49	bc	c.r	2.0
(Rhyl ...)	0.03	56	50	bc	bc	4.5	Ventnor ...	0.20	67	52	"	"	2.3
(Colwyn Bay ...)	0.29	55	51	bc	bc.c	3.8	Bournemouth ...	0.30	58	53	c.or	r.o	1.5
(Llandudno ...)	0.16	56	49	b	b	3.4	Weymouth ...	0.26	58	52	c.r.bc	r.o	2.5
(Bettws-y-Coed ...)	0.03	55	49	"	"	1.0	Exmouth ...	0.18	61	51	b.bc	bc.rg	2.4
(Aberystwyth ...)	0.32	58	50	r.c	c.b.o	2.0	Teignmouth ...	0.44	58	50	bc.c	c.r	1.5
(Tenby ...)	0.03	56	47	b.bc	p	2.0	Torquay ...	0.29	57	49	bc.c	cp	1.9
England.							Paignton ...	0.42	57	49	bc.r	r	0.7
(Lowestoft ...)	"	59	53	c.bc	bc.c	4.5	Falmouth ...	0.28	53	47	trq.c	r	2.2
(Felixstowe ...)	0.01	59	52	c.bm	bc.o	4.4	Bude ...	0.24	59	50	op	r	2.0
(Walton-on-Naze ...)	0.01	58	54	c.bc	bc.o	4.1	Ilfracombe ...	0.21	56	48	bc.c	c.or	2.0
(Southend-on-Sea ...)	0.04	60	52	p	b	5.5	Weston-super-Mare ...	0.06	56	47	b.bc	cd.c	2.2

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.		Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	74	76	2.5	59	45	36	0.08	bc.op	c.bc
City (Runhill Row) ...	"	"	1.6	"	"	"	"	"	"
Westminster (St. James's Pk.)	"	"	1.9	"	"	"	"	"	"
Camden Sq. (Brit. Rainfall)	71	81	1.4	61	46	42	0.12	c.bc	c.o.op
Hampstead (Reservoir) ...	"	79	1.5	57	45	33	0.09	cor	or.bc
Richmond Park	"	"	1.3	"	"	"	"	"	"
Kew. (See front page.)	"	"	"	"	"	"	"	"	"
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.				Average Rate.		Max. Rate.			
S. Kensington (Roof of M.C.)				4.52 Joules.		12.5 Milliwatts.			

## Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	Sun- shine for Yester- day.
		Max.	Min.					
Dublin to 4 p.m.	0.05	55	48	45	bc.pq	bc	p.e.b	1.4
Plymouth to 9 p.m.	0.02	56	48	47	bc	bcq	or	2.1
Darwen "	0.02	52	47	44	c.op	c.b	bc.or	2.3
Manchester "	0.03	55	50	"	bc	bc	c.op	2.5
Birmingham "	0.04	55	46	41	"	c	c.r	"
Oxford to 8 p.m.	"	57	48	44	bc.pq	bc.pq	bc.or	"
S. Kensington (Museum Grounds to 6 p.m.)	0.03	59	52	41	bc	alc	or.o	"

## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 60° at some of our southern stations, and to above 55° in most parts of the Kingdom. Rain has fallen very generally, about 0.4 in. at Bath and Newquay. Thunder occurred at Falmouth. Bright sunshine was fairly prevalent in most parts of the country; on the coast of Yorkshire the record was above 6.5 hours. According to wireless reports North-Easterly to South-Easterly winds of varying force prevailed between the Irish coast and the 20th meridian. Much further to the westward the wind was Southerly.

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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WEATHER
b b c c c bc
Sun- shine to 6 p.m.
Hr. 4.1 4.3 4.3 4.9 5.2 5.3 4.6 3.4 3.5 2.5 1.1 1.7 1.8 2.0 2.3 1.5 2.5 2.4 1.5 1.9 0.7 2.2 2.0 2.2

ay.
er. m.
Sun- shine for Yester- day.
Hr. 1.4 2.1 2.8 2.5 *
*

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# ADDITIONS AND CORRECTIONS TO THE DAILY WEATHER REPORT.

OCTOBER, 1913.



# ADDITIONS AND CORRECTIONS TO THE

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

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.  Hours.
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temp.	Wind.		Weather.	Sea (0 to 9).	Rain- fall.	Temp.		Weather.							
				Force (0 to 12).	Direc.		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).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.			
1st	Vardo	29.87	41	-	0	r	29.59	00	42	0	NW	10	bc	4	?	42	37							
"	Haparanda	30.08	45	NW	4	o	29.93	-20	46	+4	W	2	b	2	trace	50	34							
3rd	Corunna	29.91	60	WSW	2	b	29.93	00	50	-9	SW	1	f	2	-	63	48							
4th	Lorient	29.91	62	S	4	c	29.74	-	60	+3	W	4	o	4	-	66	57							
6th	Lisbon	29.91	61	SW	4	o	29.74	00	64	+4	SW	5	o	5	trace	66	60							
7th	Haparanda	29.55	30	W	4	o	29.59	00	26	+3	NW	4	b	-	-	30	19							
"	Herrnsand	29.77	41	S	2	o	29.72	-02	41	+11	W	2	c	-	-	43	28							
"	Stockholm	29.94	35	WSW	2	b	29.90	00	37	+4	WSW	2	b	-	trace	41	30							
"	Karlstad	29.99	44	W	2	c	29.83	+01	44	+5	W	4	b	-	-	48	37							
"	Wibby	29.99	33	-	0	b	29.92	+01	44	+5	W	4	b	-	-	48	37							
"	Funchal	29.77	68	SE	1	o	29.57	-01	70	+2	W	2	o	3	0.63	73	66							
8th	Lisbon	29.77	58	N	4	b	29.90	+06	57	-3	N	4	b	2	-	64	54							
"	Funchal	29.86	65	N	2	b	29.91	+01	71	+1	N	2	b	2	-	77	61							
9th	Nice	29.74	64	-	0	o	29.80	+04	61	+5	-	0	o	2	0.04	66	56							
10th	Funchal	29.89	70	SW	6	bc	29.97	+04	70	+1	SW	6	o	5	-	75	64							
13th	Herrnsand	30.43	32	-	0	o	30.49	+01	32	-6	-	0	o	-	-	45	28							
14th	Frankfurt						30.58	+02	37	-12	SE	1	b	-	-	54	34							
17th	Lisbon	30.05	68	NNW	2	b	30.08	+04	61	+7	N	4	b	2	-	77	54							
18th	Frankfurt						30.23	-02	37	-10	NE	1	3	2	-	59	28							
"	Lisbon	30.06	65	SW	4	b	30.08	+02	61	0	NE	3	b	2	-	75	59							
"	Funchal	29.94	67	NW	2	b	29.87	+03	73	+4	NW	2	bc	2	-	82	64							
19th	Karlstad	29.75	51	SW	4	bc	29.83	+04	51	-1	-	0	o	-	-	55	48							
"	Munich						30.22	-01	34	-4	S	1	o	-	-	45	30							
20th	Blacksd Pt.						29.35	+06	45	-11	SW	3	cyp	3	0.88	59	42			cyp				
"	Isafjord						29.81	+04	26	-2	N	9	s	-	-									
"	Reykjavik						29.34	00	32	-4	NNE	9	o	1	-									
"	Vestmanna						29.15	+10	31	-2	SW	10	o	4	-	64	52							
"	Lorient	29.80	59	S	4	o	29.75	-	59	+6	SW	4	o	4	-	64	52							
"	Corunna	29.88	67	SW	3	c	29.88	00	58	-7	WNW	1	c	4	0.98	77	52							
21st	Blacksd Pt.	29.40	44	SW	3	or	29.34	00	46	+1	SW	3	cp	2	0.77	51	40	cp cv	cv or	or cp				
"	Isafjord	29.98	22	N	10	s	30.00	+01	22	-4	N	7	c	-	-									
"	Reykjavik	29.63	24	NNE	3	c	29.80	+03	27	0	N	7	bc	-	-									
"	Vestmanna	29.38	30	NE	9	bc	29.61	+03	30	-1	NE	3	b	1	-									
"	Lisbon	29.87	62	NE	1	o	29.85	+06	57	-6	NNW	5	bc	6	0.12	66	55							
22nd	Isafjord	30.10	23	N	4	b	30.37	+06	25	+3	N	3	c	-	-									
"	Reykjavik	29.45	28	N	8	bc	30.24	+03	27	0	N	7	b	-	-									
"	Vestmanna	29.78	28	NE	5	c	30.10	+02	26	-4	NE	3	b	6	0.24	57	48							
"	Corunna	29.43	54	W	3	c	29.69	-12	51	+2	SE	6	c	6	-									
23rd	Isafjord	30.48	26	-	0	o	30.18	-17	32	+7	W	2	c	-	-									
24th	Isafjord	29.41	39	W	1	r	29.18	-07	35	+3	-	0	s	-	-									
"	Reykjavik	29.57	40	S	1	r	29.39	-05	37	+9	W	3	o	2	-									
"	Vestmanna	29.63	42	W	6	c	29.42	-01	37	+4	W	3	b	-	-									
"	Lisbon	29.71	55	ENE	2	o	29.74	00	54	+2	N	3	o	5	0.39	55	52							
25th	Isafjord						29.47	+03	33	-2	N	3	c	5	-									
"	Faerder	29.74	61	-	0	o	29.78	+04	57	+3	E	1	o	5	1.18	66	54							
"	Funchal	29.56	57	NW	4	r	29.74	+09	63	+1	NW	4	o	4	1.14	66	55							
26th	Berlin	30.16	46	S	1	b	30.05	-03	35	-4	S	1	bc	-	-	63	34							
"	Biarritz	29.77	71	S	3	o	29.81	-	62	+3	SSW	3	c	1	1.26	74	57							
27th	Vardo	29.76	33	-	0	b	29.67	+04	31	+2	NE	2	bc	3	-									
29th	Lisbon	29.61	55	WSW	5	b	29.76	+07	57	-2	WSW	4	bc	7	0.28	63	54							
30th	Isafjord	29.52	41	E	4	o	29.35	-02	39	+2	NE	4	r	-	-									
"	Reykjavik	29.33	39	-	0	o	29.15	-02	37	-1	-	0	o	0	-									
"	Vestmanna	29.26	39	-	0	r	29.06	-02	41	+2	-	0	b	7	-									
"	Ustant	29.32	55	SW	7	c	29.39	-	56	0	SW	6	o	4	-	61	48							
"	Nice	29.70	64	E	4	o	29.89	+04	54	-3	-	0	o	4	2.13	64	52							
31st	Isafjord	29.32	38	NE	7	o	29.43	+09	35	-4	NE	7	c	-	-									
"	Reykjavik	29.12	42	-	0	b	29.19	+02	39	+2	-	0	o	0	-									
"	Vestmanna	29.04	42	-	0	r	29.14	+02	43	+2	-	0	r	0	-									
"	Nice	30.00	55	SW	1	b	30.11	+04	54	0	NE	3	b	3	-	64	50							
"	Lisbon	29.91	62	SSW	5	r	29.91	+02	63	+2	SW	4	r	2	1.38	64	61							
"	Funchal	29.95	67	W	3	o	29.92	+02	63	-3	W	3	r	2	0.39	75	63							



# REPORTS FOR OCTOBER, 1913.

## 2.—CORRECTIONS.

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 4 a.m.	Dry Bulb.	Change since Yester- day.				Direc.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'a. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
In.	"				In.	In.	"	"					In.	"	"									
1st	North Shields																				4.4			
"	Spurn Head		60																					
2nd	Lisbon																							
"	Stornoway																							
"	Dover						29.84											58						
"	North Shields																	38						
3rd	Spurn Head																				0.0			
"	Rock's Point																							
"	North Shields						30.00							2				cg	c-ct		0.0			
4th	Castell Bay																				3.0			
"	Silly																							
"	North Shields																				0.0			
5th	Dunquhary			N																				
"	Valencia																							
"	Rock's Point																							
"	Dunquhary	29.70																						
"	Lisbon	29.69																						
6th	Castell Bay				S																			
"	Malin Head																							
"	Liverpool																							
"	Shudehoe																							
"	Disbury																							
"	North																							
7th	Stornoway						29.90														3.2			
"	North Shields																							
8th	Disbury																							
"	Stornoway																							
"	Dunquhary																							
"	Wick		48																					
"	Barnmouth																							
"	Barnmouth																							
"	North																							
9th	Dunquhary																							
10th	Blackhead Pt.	29.82																						
"	Valencia																							
"	Disbury																							
11th	Lisbon																							
"	Blackhead Pt.						29.58																	
"	Blackhead	30.14																						
12th	Spurn Head																							
"	Penryn			SW																				
"	Dover	29.93																			5.8			
"	Spitzbergen																							
13th	North																							
"	Barnmouth																							
14th	Dunquhary		56																		8.0			
15th	Lisbon (No. 10)																							
"	Dunquhary																							
"	Penryn	30.14																			0.0			
"	North Shields																							
"	Blackhead																							
16th	Barnmouth																							
"	North Shields																							
"	Lyons								47	+11		0	6								1.7			
17th	Disbury																							
"	Disbury																							
"	Valencia																							
"	Rock's Point																							
"	North Shields																							
"	Spurn Head																							
18th	Disbury	30.25					30.21														2.4			
"	Castell Bay						30.17																	
"	Spurn Head						29.79																	
19th	Castell Bay		54																		6.4			
"	Disbury																							
"	Dunquhary																							
"	Barnmouth								53	-3														
"	Barnmouth																							
"	North																							
20th	Valencia																							
"	Dover																							
"	Wick						29.79																	
21st	North																							
"	Disbury																							
22nd	Stornoway																							
"	North Shields																							
"	Disbury						30.00														5.5			
"	Dover																							
"	North Shields						30.04														8.2			
"	Barnmouth																							
24th	Disbury																							
"	Disbury	30.26																						
"	Disbury	30.10																						
25th	Blackhead-on-Sea						30.27																	
"	Dunquhary						30.00																	
"	Portland Bill																							

See over.



SEP 10 1913

SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
		Reading.	Change in 3 hours.	Dirac.	Force.	
		in.	in.		(0-12).	
IONS.						
n	{	2969	+01			
		2951			3	
		2943				c
k	{	2973				
			-01			
u	{					
			+11			c
			-03			bc
a	{	2940				
		2914				
n	{					bcg
		2894				

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PAST 24 HOURS.					Sun- shine for Yester- day.
Rain- fall.	TEMP.		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.	"	"			Hours.
		34			
		41			
		39			
		42			
		62	cy	om c cy	
		50			2.0
					0.1
				ad.r.b alt. bee	
0.03.					
0.29					3.4