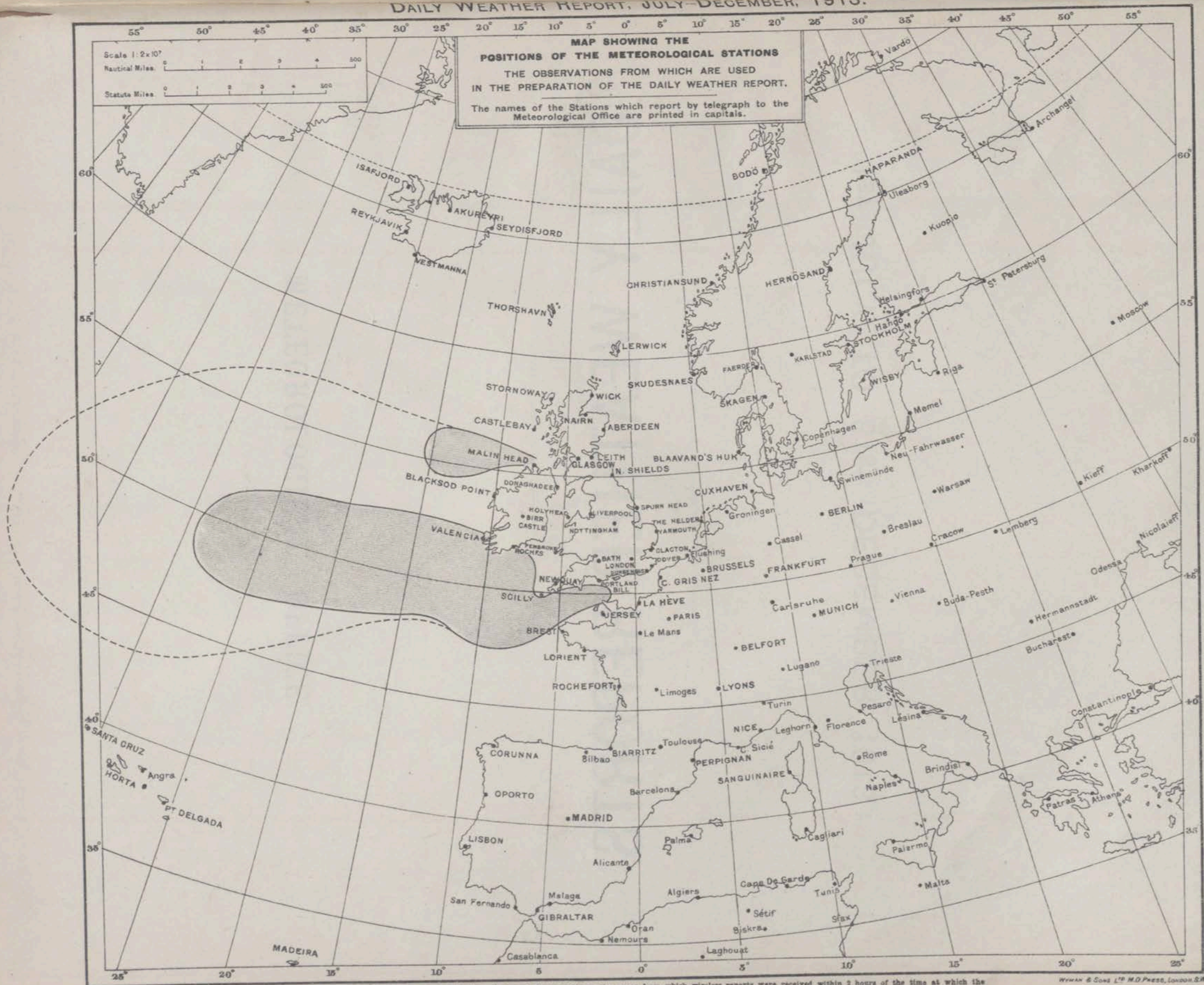


METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST 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	49° 0	57° 0	48° 0	70	1897	57	1888	18	2° 32	—	—
Stornoway.....	29° 897	52° 5	50° 7	60° 1	48° 9	76	1894	52	1888	20	2° 33	144	27
Castlebay (Barra Isd.)..	[29° 874]44	[53° 9]44	[51° 9]44	[58° 3]44	[51° 3]44	[71]44	[1908]44	[47]44	[1910]44	[19]44	[2° 05]44	[161]44	[31]44
Malin Head.....	29° 903	54° 1	53° 1	60° 6	52° 4	75	1887	42	[1888, 02]†	[19]†	[2° 38]†	—	—
Blackod Point.....	29° 955	56° 3	54° 5	62° 3	53° 4	80	1894	42	[1895]†	[22]†	[3° 14]†	—	—
Valencia.....	30° 012	58° 8	54° 8	63° 9	53° 7	80	1878	40	1907	20	3° 61	156	32
Roche's Point.....	30° 014	58° 5	54° 9	65° 2	53° 8	84	1876	43	1907	15	2° 88	—	—
Birr Castle.....	29° 983	56° 8	52° 1	66° 2	51° 7	89	1876	37	1889	17	2° 99	142	28
Donaghadee.....	29° 953	54° 1	52° 5	63° 3	51° 8	81	1876	40	1883, 02	17	2° 91	—	—
Liverpool (Observatory).....	29° 971	56° 1	53° 4	65° 6	54° 2	88	1901	44	1877	15	2° 89	[186]44	[37]44
Holyhead.....	29° 969	56° 7	54° 9	63° 3	53° 6	85	1901	43	1888	16	2° 71	—	—
Pembroke (St. Ann's Hd.).....	29° 993	55° 6	54° 4	62° 3	54° 7	80	1878	43	1910	15	2° 47	209	42
Scilly (St. Mary's).....	30° 146	57° 6	55° 5	64° 7	56° 4	75	1886, 01, 02	47	1910	16	2° 24	218	45
Jersey (St. Aubin's).....	30° 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	41	1887, 8, 92, 03	17	2° 73	—	—
North Shields.....	29° 931	55° 5	52° 9	64° 2	51° 3	85	1878	39	1909	15	2° 56	—	—
Spurn Head.....	29° 944	56° 4	54° 3	64° 9	54° 6	[84]*	[1881, 1900]*	[44]*	[1888]*	13	1° 92	—	—
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° 789	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° 0	49° 0	75	1897, 99	33	1888	22	3° 50	112	28
Castlebay (Barra Isd.)..	[29° 874]44	[54° 2]44	[52° 5]44	[60° 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° 5	54° 0	61° 0	52° 9	80	1890	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]†	[28]†	[4° 84]†	—	—
Valencia.....	29° 976	57° 5	55° 5	64° 2	53° 9	81	1890	42	1890	23	6° 09	152	34
Roche's Point.....	29° 985	56° 6	55° 5	64° 9	53° 8	80	1890	44	1883, 03, 01	17	4° 01	—	—
Birr Castle.....	29° 949	56° 5	54° 9	65° 6	51° 2	82	1892, 99, 00	35	1885, 87	18	3° 85	142	32
Donaghadee.....	29° 912	54° 0	53° 3	63° 1	52° 0	78	1890	38	1886	19	3° 27	—	—
Liverpool (Observatory).....	29° 941	56° 7	54° 2	65° 1	54° 0	85	1876, 84, 93, 99	44	1885	17	3° 16	[161]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	1893	47	1885, 88	16	3° 27	193	43
Scilly (St. Mary's).....	30° 126	58° 7	56° 9	65° 0	56° 9	75	1893, 99	50	1885, 90, 95	17	2° 68	224	51
Jersey (St. Aubin's).....	30° 057	61° 2	58° 5	68° 8	57° 2	89	1893	45	1890, 09	15	2° 43	242	55
Portland Bill.....	30° 003	59° 3	57° 5	65° 5	56° 8	[78]44	[1901]44	[49]44	[1904, 10]44	13	2° 00	—	—
Dungeness.....	29° 982	59° 6	57° 8	67° 2	56° 0	82	1904	39	1890	13	2° 13	—	—
Dover.....	[29° 993]44	[59° 3]44	[56° 9]44	[68° 4]44	[53° 8]44	[83]44	[1909]44	[40]44	[1909]44	[15]44	[2° 49]44	[220]44	[50]44
Wick.....	29° 827	52° 4	50° 9	61° 1	48° 2	85	1893	30	1880	20	2° 75	—	—
Nairn.....	29° 836	53° 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	1891, 92	17	2° 95	—	—
North Shields.....	29° 898	55° 6	53° 4	64° 1	51° 2	85	1893	38	1892, 02	16	2° 84	—	—
Spurn Head.....	29° 927	57° 2	55° 3	64° 9	54° 6	[87]*	[1893]*	[46]*	[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	[1876]44	[40]44	[1877, 04]44	14	3° 00	198	44
Oxford.....	30° 008	58° 9	55° 8	68° 9	52° 7	90	1876, 06	39	1892	14	2° 47	187	42
LONDON { Westminster.....	29° 991	58° 2	56° 2	[69° 7]44	[54° 7]44	[91]44	[1908]44	[46]44	[1905, 07]44	[13]44	[1° 80]44	172	39
{ Kew.....	30° 006	57° 9	55° 5	69° 6	53° 6	92	1876	41	1890	14	2° 36	191	43
Sumburgh Head.....	30° 000	49° 0	47° 8	54° 8	46° 3	69	1893	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	[126]44	[34]44
Malin Head.....	30° 059	52° 8	52° 2	60° 7	50° 7	[84]44	[1906]44	[38]44	[1893]†	[18]†	[2° 76]†	—	—
Blackod Point.....	30° 090	55° 0	53° 2	60° 0	51° 2	[78]44	[1898]44	[39]44	[1890]†	[20]†	[4° 08]†	—	—
Valencia.....	30° 114	53° 6	51° 7	61° 8	51° 3	79	1898, 06	35	1890	19	4° 09	132	35
Roche's Point.....	30° 127	54° 1	53° 1	61° 8	51° 3	74	1880	39	1893	15	3° 11	—	—
Birr Castle.....	30° 114	52° 4	51° 0	61° 9	47° 2	80	1906	29	1899	15	2° 53	126	33
Donaghadee.....	30° 107	52° 0	51° 0	60° 2	49° 3	75	1906	36	1882, 94, 99, 09	16	2° 82	—	—
Liverpool (Observatory).....	30° 120	53° 0	50° 7	61° 3	50° 8	87	1906	39	1885	15	2° 55	[114]44	[30]44
Holyhead.....	30° 109	54° 9	53° 1	60° 8	51° 9	73	1880	42	1903, 07	16	2° 80	—	—
Pembroke (St. Ann's Hd.).....	30° 109	54° 3	53° 0	60° 6	52° 9	74	1895	40	1885	15	2° 81	150	40
Scilly (St. Mary's).....	30° 223	56° 3	54° 7	62° 3	54° 8	73	1899	44	1885, 88	16	2° 57	170	46
Jersey (St. Aubin's).....	30° 132	57° 3	54° 9	65° 8	54° 7	89	1906	41	1891	15	2° 67	184	49
Portland Bill.....	30° 112	56° 4	54° 9	63° 0	53° 8	[71]44	[1906]44	[43]44	[1902, 03, 10]44	14	2° 08	—	—
Dungeness.....	30° 100	55° 9	53° 8	64° 0	52° 4	81	1906	32	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° 63]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	19	2° 11	[120]**	[32]**
Aberdeen.....	30° 071	50° 6	49° 0	59° 4	46° 6	82	1906	50	1887	17	2° 38	125	33
Leith.....	30° 074	51° 4	49° 5	62° 1	47° 8	83	1898	33	1886, 1905	14	1° 84	—	—
North Shields.....	30° 096	51° 3	49° 6	60° 7	47° 9	88	1906	34	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	[188]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	[173]44	[46]44
Nottingham.....	30° 120	51° 1	49° 9	64° 0	47° 5	94	1887	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	188	37
Oxford.....	30° 150	53° 0	50° 9	64° 4	48° 5	92	1906						

* Results for 30 years, 1881-1910. † Results for 11 years, 1900-1910. ‡ Results for 6 years, 1905-1910.
 ‡ " " 1876-1884 and 1899-1910. § " " 10 " 1901-1910. § " " 4 years, 1907-1910.
 ‡ " " 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.

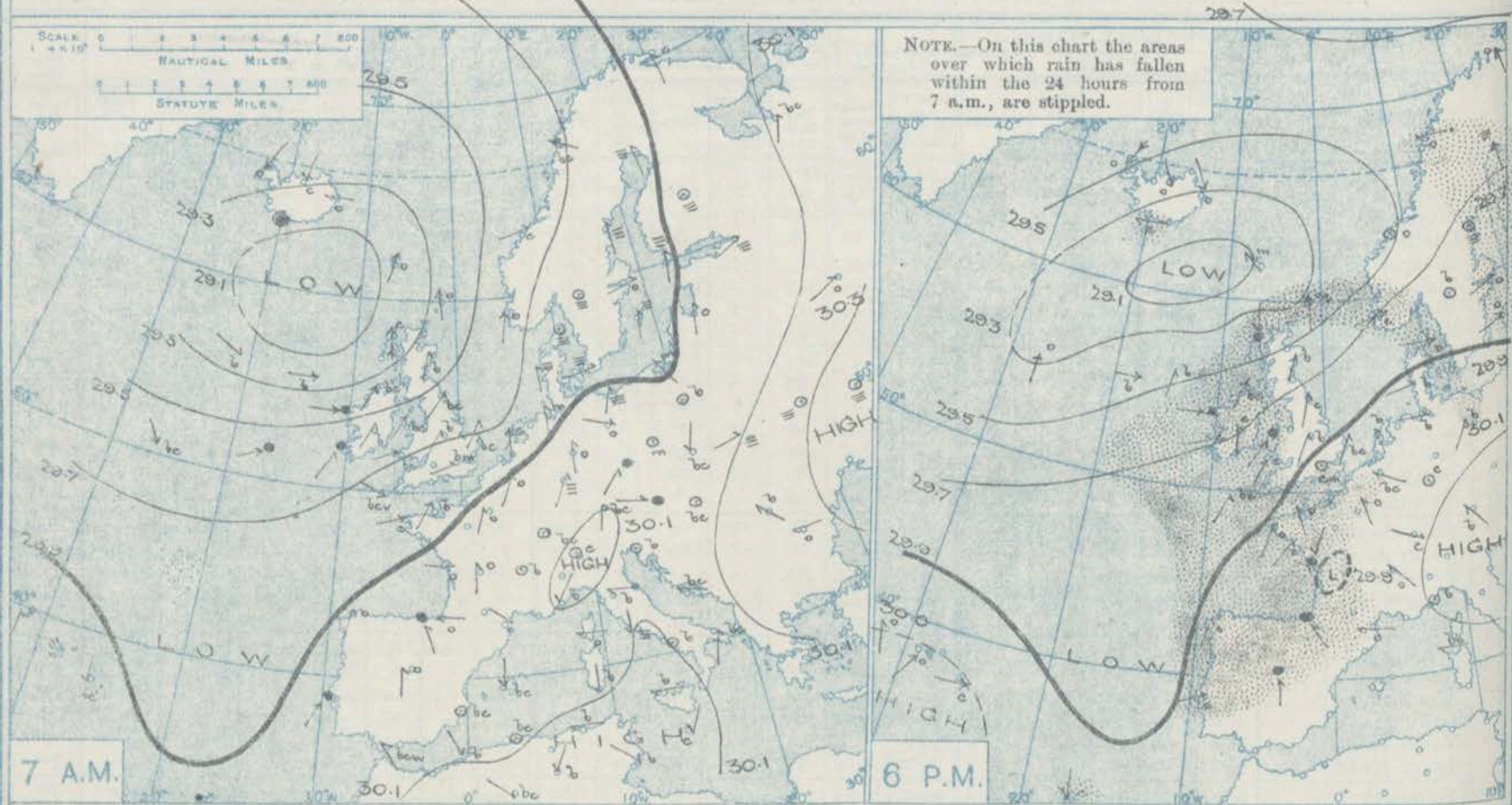
STATIONS.	PRESSURE. 1906-1910. 7 a.m. Observations (reduced to M.S. Level and to Lat. 45°).	AIR TEMPERATURE.								RAINFALL. 1876-1910. Days with Rain. Total Fall.		BRIGHT SUNSHINE. 1881-1910. Average Duration. Per Centage of Possible Duration.					
		Means of				Absolute Extremes.											
		1906-1910.		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	5.36	85	27				
Castlety Bay (Barra Isd.)	[29.881]44	[51.0]44	[49.2]44	[54.1]44	[48.3]44	[63]44	[1908]44	[34]44	[1909]44	[19]44	[3.11]44	[80]44	[25]44				
Malin Head	29.755	49.8	48.8	53.0	45.6	73	1908	32	1882	21	3.11	—	—				
Blackod Point	29.705	51.5	49.4	54.5	45.9	71	1908	29	1895	23	5.10	—	—				
Valencia	29.788	52.1	49.7	56.5	46.6	71	1908	28	1892	22	5.23	101	31				
Roche's Point	29.817	51.5	50.5	56.1	46.4	65	1880, 4, 6	42	1881	18	4.05	—	—				
Birr Castle	29.810	47.8	46.7	54.0	40.9	74	1908	22	1880, 1905	18	2.87	96	30				
Donaghadee	29.828	49.5	48.2	54.1	44.1	66	1898	21	1892	18	2.97	—	—				
Liverpool (Observatory)	29.863	48.9	47.2	54.1	44.8	73	1908	27	1895	19	3.36	[90]44	[30]44				
Holyhead	29.831	51.7	50.4	54.9	47.0	75	1908	32	1892	19	4.06	—	—				
Pembroke (St. Ann's Hd.)	29.825	52.0	50.5	55.3	48.2	67	1908	33	1895	19	4.18	103	32				
Scilly (St. Mary's)	29.944	53.5	51.8	57.3	50.3	69	1895	38	1895, 96	21	3.70	117	36				
Jersey (St. Aubin's)	29.900	54.6	52.5	59.0	49.4	76	1908	33	1887	21	4.53	126	38				
Portland Bill	29.882	54.6	53.2	56.9	48.6	[67]44	[1908]44	[35]44	[1905, 08]44	17	3.86	—	—				
Dunegness	29.897	53.6	52.0	57.2	46.3	70	1888, 1908	23	1890	17	[3.23]44	—	—				
Dover	[30.017]44	[52.6]44	[51.3]44	[58.8]44	[48.4]44	[74]44	[1908]44	[30]44	[1909]44	[12]44	[4.39]44	[120]44	[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				
Castlety Bay (Barra Isd.)	[29.811]44	[45.2]44	[43.3]44	[48.5]44	[41.3]44	[55]44	[1908, 09]44	[32]44	[1909, 10]44	[21]44	[4.00]44	[61]44	[26]44				
Malin Head	29.811	44.9	43.8	48.6	41.8	[59]44	[1894, 9, 06]44	[30]44	[1909]44	[21]44	[3.20]44	—	—				
Blackod Point	29.868	46.2	44.3	50.3	42.1	[60]44	[1897, 09]44	[28]44	[1890]44	[23]44	[5.00]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	62	1881	20	1880	19	4.19	—	—				
Pembroke (St. Ann's Hd.)	29.903	46.6	44.5	50.9	43.8	58	1884, 95, 97, 99, 01, 02, 08	28	1890	19	3.70	65	25				
Scilly (St. Mary's)	30.043	48.6	46.6	53.2	46.4	61	1890	29	1890	20	3.48	75	28				
Jersey (St. Aubin's)	29.953	47.9	45.8	52.8	44.3	60	1899	16	1890	21	4.18	77	29				
Portland Bill	29.915	48.0	46.3	51.6	43.7	[61]44	[1900]44	[30]44	[1902]44	15	2.48	—	—				
Dunegness	29.900	44.4	42.8	50.4	40.7	63	1899	17	1890	17	[2.60]44	—	—				
Dover	[30.924]44	[44.2]44	[39.7]44	[48.0]44	[37.6]44	[50]44	[1908]44	[27]44	[1910]44	[10]44	[2.50]44	[106]44	[40]44				
Wick	29.760	41.6	40.0	46.9	36.8	62	1900	12	1909	20	3.02	—	—				
Nairn	29.788	40.1	38.6	46.8	35.5	62	1906	12	1904	18	2.24	[63]**	[27]**				
Aberdeen	29.815	40.4	39.1	46.8	37.2	62	1889	14	1900	19	3.05	55	23				
Leith	29.832	41.7	39.7	48.5	37.7	63	1885	18	1885	15	1.96	—	—				
North Shields	29.856	41.2	40.0	48.2	37.9	63	1894	20	1880	17	2.24	—	—				
Spurn Head	29.861	43.8	42.2	48.0	40.7	[61]*	[1894, 95]*	[28]*	[1884]*	15	1.80	—	—				
Yarmouth	29.887	43.3	41.8	48.1	39.4	60	1895, 8, 9, 04	23	1890	18	2.53	[83]44	[32]44				
Clacton-on-Sea	29.913	42.8	41.7	48.2	39.3	[60]44	[1908]44	[25]44	[1901]44	15	1.89	[75]44	[29]44				
Nottingham	29.904	40.5	39.5	48.2	36.9	63	1896	13	1904	19	1.89	40	16				
Bath	29.898	41.6	40.6	50.2	37.5	[64]44	[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				
Castlety Bay (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, 0								

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday,
1st November, 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° 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).	Max.	Min.	Morning. 7 a.m. to 1 p.m.		Afternoon 1 p.m. to 6 p.m.
BRITISH ISLANDS.	In.	F.				In.	In.	F.							In.	F.	F.				Hours.	
	Lerwick ...	29.31	49	S	5	oq	29.52	+0.2	48	-3	SSW	4	bc	4	0.13	52	47	oq	cpq	oq	bc	0.0
	Stornoway ...	29.42	48	WSW	6	cpq	29.53	+0.2	42	-7	SW	3	bc	3	0.37	49	37	cpq	o.cpq	o.cpq	bc	0.0
	Castlebay (Barra Isd.)	29.48	51	WSW	7	bcp	29.56	0.0	43	-1	W	3	c	4	0.11	51	45	oq	o.c.oq	o.c.oq	bc	0.0
	Glasgow ...	29.64	47	SW	4	b	29.71	+0.1	42	-2	SSW	2	b	2	0.05	49	41	b	bc	bc	bc	4.7
	Malin Head...	29.59	46	SW	5	bc	29.64	0.0	42	-4	SW	3	b	2	0.08	52	41	bc	bcmq	bcmq	bc	0.0
	Blacksod Point	29.59	48	W	5	cpq	29.61	-0.2	47	-2	WSW	3	bc	2	0.14	54	45	cpq	bcp	bcp	bc	0.0
	Valencia ...	29.71	48	WSW	1	c	29.71	-0.1	41	-6	E	1	bc	4	0.09	52	38	c	c	c	bc	3.8
	Roche's Point ...	29.74	50	W	3	bcp	29.73	0.0	42	-2	NNW	2	f	3	0.20	54	42	bcp	bcp	bcp	bc	0.0
	Birr Castle ...	29.69	45	S	1	c	29.71	0.0	35	-6	S	1	b	2	0.04	52	34	bc	cp	od.bcp	bc	5.9
	Donaghadee ...	29.72	46	SSW	2	bc	29.72	-0.1	41	0	SW	2	b	2	Trace	52	41	bc	bc	bc	bc	6.8
	Liverpool Obsy ...	29.82	47	SSW	3	bc	29.78	-0.2	43	-3	SSE	2	b	2	0.05	53	43	b	bc	bc	bc	6.4
	Holyhead ...	29.75	52	SW	4	oq	29.73	-0.1	50	0	SW	2	cpm	1	0.23	55	48	oq	bc	bc	bc	6.4
	Pembroke (St. Ann's Hd.)	29.80	53	SW	4	c	29.74	-0.2	53	+2	SW	5	cpq	4	0.06	54	49	cpq	cpq	cpq	bc	4.8
	Newquay ...	29.84	49	S	2	b	29.80	0.0	46	-1	S	2	c	3	0.01	55	42	b	bcp	bcp	bc	6.6
	Scilly (St. Mary's) ...	29.81	56	SW	3	bc	29.77	-0.1	53	+2	W	4	bcp	4	0.02	57	50	bc	bc	bc	bc	6.6
	Jersey (St. Aubin) ...	29.93	55	SSE	2	oq	29.87	0.0	51	-3	WSW	1	oq	1	0.19	60	47	oq	c.oq	c.oq	bc	6.2
	Portland Bill ...	29.89	55	SSW	4	c	29.84	-0.1	53	-1	W	3	c	3	Trace	57	51	c	bcp	cp.bcp	bc	0.0
	Dungeness ...	29.94	57	W	3	bcp	29.86	-0.3	55	+3	SSE	2	r	2	0.04	60	50	bcp	cp	cp	bc	5.6
	Dover ...	29.93	52	SW	3	ce	29.85	0.0	52	+4	SE	3	or	4	0.05	57	48	ce	bc	bc	bc	0.0
	Wick ...	29.43	49	S	4	c	29.60	0.0	44	-5	SSW	4	bcp	4	Trace	51	43	bcp	cp	cp	bc	0.0
	Nairn ...	29.48	46	W	5	oq	29.61	0.0	41	-5	SW	1	bc	2	0.05	51	39	cp	cp	cp	bc	2.4
	Aberdeen ...	29.60	47	SSW	4	b	29.68	+0.1	44	-2	SSW	3	b	2	0.05	52	42	b	bc	bc	bc	6.4
	Leith ...	29.64	49	SW	4	b	29.70	+0.1	46	0	S	1	bc	2	0.05	53	44	b	bc	bc	bc	0.0
North Shields ...	29.75	50	SSW	3	c	29.77	-0.1	43	-4	SW	3	o	2	0.05	55	43	c	bc	bc	bc	0.0	
Spurn Head ...	29.83	50	S	4	bc	29.83	-0.2	47	-1	S	4	c	3	0.05	57	46	bc	bc	bc	c	7.0	
Yarmouth ...	29.91	58	SW	2	bcp	29.88	-0.2	49	0	SW	1	bc	2	0.05	58	47	bcp	bcp	bcp	bc	7.1	
Clacton-on-Sea ...	29.92	53	SW	2	bc	29.85	-0.2	54	+5	SSW	2	oq	2	0.05	59	49	bc	b.bcp	b.bcp	bc	7.1	
Nottingham ...	29.87	49	SW	2	b	29.84	0.0	42	-2	SW	1	cm	0	0.05	55	40	bcp	b	b	bc	6.5	
Bath ...	29.89	51	SW	0	c	29.85	0.0	43	+1	NE	2	o	0	0.05	57	41	c	bc	bc	bc	6.7	
London (Kew Obsy.)...	29.93	50	0	0	cm	29.87	-0.1	46	-1	0	0	f	0	0.09	57	45	cm	bcp	cm	bc	7.0	
ICELAND, FAEROE, &c.	Spitzbergen ...	29.81	18	NE	3	o	29.53	0.0	17	-1	NE	7	o	0	0.05	19	12	o	o	o	o	0.0
	Isafjord ...	29.52	32	NE	8	o	29.50	0.0	33	0	NE	8	o	0	0.05	33	25	o	o	o	o	0.0
	Reykjavik ...	29.30	40	E	4	c	29.30	-0.2	33	0	ENE	3	b	0	0.05	33	25	o	o	o	o	0.0
	Vestmanna ...	29.23	43	E	2	c	29.26	-0.1	39	0	E	2	o	0	0.05	33	25	o	o	o	o	0.0
	Seydisfjord ...	29.27	39	NNW	5	o	29.27	0.0	39	-0.2	SW	5	c	0	0.05	33	25	o	o	o	o	0.0
	Thorshavn ...	29.08	47	SSE	2	m	29.24	+0.6	47	-0.1	WSW	4	o	0	0.05	33	25	o	o	o	o	0.0
SCANDINAVIA.	Haparanda ...	29.69	40	S	4	f	29.62	-0.1	39	0	SW	2	f	0	0.08	44	37	o	o	o	o	0.0
	Hernösand ...	29.78	44	0	0	f	29.72	0.0	45	+1	S	2	c	0	0.08	46	41	Trace	Trace	Trace	bc	0.0
	Stockholm ...	29.86	46	WSW	2	o	29.89	+0.3	47	+1	WSW	2	o	0	0.08	48	45	Trace	Trace	Trace	bc	0.0
	Wisby ...	29.82	49	WSW	4	o	29.99	+0.2	50	+1	WSW	2	o	0	0.08	50	46	Trace	Trace	Trace	bc	0.0
	Karlstad ...	29.84	48	0	0	o	29.89	+0.2	46	-2	WSW	2	b	0	0.08	52	43	Trace	Trace	Trace	bc	0.0
	Vardö ...	29.67	35	S	4	o	29.49	-0.5	35	0	SW	2	o	3	0.08	36	30	o	o	o	o	0.0
GERMANY, &c.	Bodö ...	29.63	43	E	2	o	29.56	+0.4	44	-1	S	1	r	1	0.08	45	39	o	o	o	o	0.0
	Christiansund ...	29.49	53	0	0	o	29.62	+0.3	50	0	0	0	c	3	0.08	55	46	o	o	o	o	0.0
	Skudesnaes ...	29.71	51	WSW	6	c	29.81	+0.1	51	-2	SW	6	c	4	0.20	54	50	o	o	o	o	0.0
	Færder (X'ania Fjord) ...	29.74	51	SSE	6	r	29.83	+0.3	50	-1	WSW	4	m	3	0.28	51	48	o	o	o	o	0.0
	The Scaw (Skagen)...	29.84	51	W	6	o	29.95	+0.1	48	-2	WSW	4	c	1	Trace	52	45	Trace	Trace	Trace	bc	0.0
	Blaavands Huk ...	29.94	51	WSW	2	b	29.98	+0.1	50	0	S	2	m	1	0.08	54	50	Trace	Trace	Trace	bc	0.0
FRANCE.	Cuxhaven ...	30.00	47	W	1	b	30.00	-0.1	45	+1	S	1	f	0	0.08	55	41	Trace	Trace	Trace	bc	0.0
	Berlin ...	30.04	54	SW	1	b	30.11	+0.1	47	-5	S	2	c	0	0.04	61	46	Trace	Trace	Trace	bc	0.0
	Frankfurt ...	30.08	54	0	0	c	30.05	-0.1	46	-3	0	0	m	0	0.04	59	46	Trace	Trace	Trace	bc	0.0
	Munich ...	30.16	50	SE	1	b	30.18	-0.1	37	-10	S	1	b	0	0.04	57	36	Trace	Trace	Trace	bc	0.0
	The Helder ...	29.98	53	SSE	2	b	29.93	-0.1	47	-5	SSE	1	m	1	0.04	57	45	Trace	Trace	Trace	bc	0.0
	Brussels ...	30.02	50	ESE	1	bc	29.88	-0.5	52	+1	SE	1	r	0	0.20	60	46	Trace	Trace	Trace	bc	0.0
SPAIN, PORTUGAL, &c.	C. Gris Nez... ..	29.97	55	SW	4	b	29.88	-0.4	50	-5	SSE	3	o	2	0.08	57	50	Trace	Trace	Trace	bc	0.0
	La Hève ...	29.94	55	SSW	2	c	29.90	0.0	51													

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 31st October



GENERAL INFERENCE

WEATHER PROSPECTS.

The shallow depression over the south west of England will cause rain during to-day in many places, and the weather over the United Kingdom

generally will remain unsettled.

FORECASTS FOR THE 24 HOURS NOON Saturday

- 0 {
a Wind mainly South.
b Westerly, light or moderate; variable weather, some mist and showers locally; moderate temperature.
- 1 {

- 2 {
a Wind mainly between
b South and South-West, light or moderate; much cloud, some rain and mist; moderate temperature.
- 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. North Cone. South Cone. North Cone.

No Warnings Issued.

TO NOON Sunday.

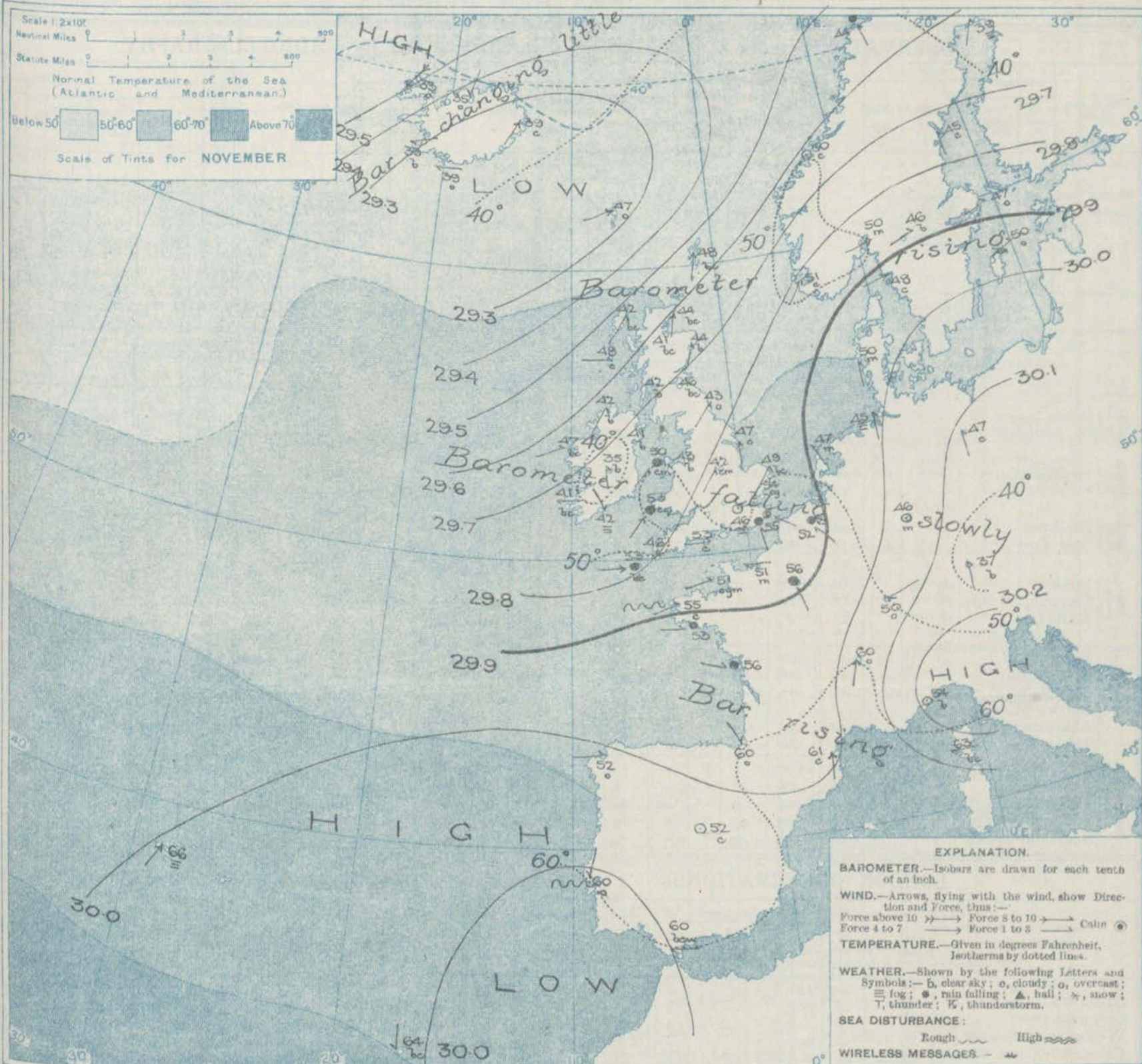
- 6 {
a Same as Nos. 0 and 1.
b
- 7 {
a South Westerly to Westerly winds,
b light or moderate; changeable, some mist and rain; moderate temperature.
- 8 {
a
b
- 9 {
a Wind between South and West,
b light or moderate; variable weather, some showers; moderate or rather low temperature.
- 10 {
a
b

11 WESTERN CHANNEL AND BAY.

South Westerly to Westerly winds, light or moderate; sea moderate or slight; some rain and mist, then fairer.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Saturday 1st NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is still below 29.3 in. in a depression centred between the Faeroë and Iceland, and is relatively low in a shallow secondary over the south-western and southern parts of the United Kingdom. The highest pressure, 30.2 in and above, is found in the south-east of France.

The wind over the British Isles and the neighbourhood is mainly southerly or south-westerly, light or moderate generally, but fresh at Pembroke and strong on the south-west coast of Norway. On the north-west coast of Iceland there is a

North-Easterly gale. Temperature is falling in most places. Over the United Kingdom it ranges from 55° at Dungeness to 41° at Nairn and Valencia, to 35° at Birn Castle. Fair weather prevails in most parts of Ireland and Scotland, but over the greater part of England the sky is cloudy or overcast, with showers in places. Fog is reported at Roche's Point. At most of the continental stations the sky is cloudy or overcast, and rain is falling at some places in the west of France, & at Paris, Brussels and Bodö.

DAILY WEATHER REPORT.

Saturday 1st November, 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 Nov. 7am	55	8	Laurentic	H	29.51	+0.01	SW	1-3	b.	31st Oct. 7am	50	26	Franconia	O	29.66	+0.03	NW	4-5	bc
31st Oct. 6pm	54	26	California	H	29.29	-0.14	S	4-5	o	"	50	20	Laurentic	H	29.21	-0.00	WNW	1-3	b
"	56	18	Tunisian	O	29.40	+0.02	W	4-5	b.	"	51	16	Oceanic	O	29.54	-0.01	WNW	4-5	r.
"	56	14	Laurentic	H	29.38	+0.05	SSW	1-3	b	"	56	14	Tunisian	O	29.22	+0.05	W	6-7	b.

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.			Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.	F.	F.			Hr.			In.	F.	F.			Hr.
{ Oban ...															
{ St. Andrews ...			52	44			7.1				58	47.	b	bc. b	6.2
England, N.E.															
{ Harrogate ...		0.50	52	42	b	b. bc	5.0				58	47	*	bc. r	5.6
{ Scarborough ...			55	45	c. b	c. b	5.3				59	47	bc. b	bc. r	
England, N.W.															
{ Blackpool ...		0.10	55	49	r. c	c	4.6								
{ Southport ...		0.07	55	44	c. bc	c. bc	5.1				59	53	bc. r	o. bc. or	
Mid-lands.															
{ Buxton ...		0.34	50	41	cr. bc	bc	4.5								
{ Leamington Spa ...		0.15	56	41	bc	c. b	6.1				60	46	bc	bc. c	5.1
{ Malvern ...							5.5								
Wales.															
{ Rhyl ...		0.01	55	43	b	b	6.5								
{ Colwyn Bay ...			55	47	b. bc. b	bc	6.2								
{ Llandudno ...		0.01	53	47	b	b	5.6								
{ Bettws-y-Coed ...															
{ Aberystwyth ...		0.25	54	43	r. o. c	c. bc	6.9								
{ Tenby ...			55	47	p. bc	b	5.3								
England, E.															
{ Lowestoft ...		0.02	58	48	b	bc	8.1								
{ Felixstowe ...		0.02	58	48	bc. bm	b. bc	7.7								
{ Walton-on-Naze ...		0.01	58	48	bm. b	bc. c. bc	7.2								
{ Southend-on-Sea ...		0.01	59	48	b	bc	6.0								
England, S.W.															
{ Margate ...		0.12	58	47.	b	bc. b	6.2								
{ Ramsgate ...		0.18	58	47	*	bc. r	5.6								
{ Folkestone ...		0.12	59	47	bc. b	bc. r									
{ Hythe ...															
{ Littlestone ...															
{ Hastings ...		0.26	58	48	op. b	op. bc	4.8								
{ Bexhill-on-Sea ...		0.23	58	49	b. or	b. op. b	4.3								
{ Eastbourne ...		0.14	59	53	bc. r	o. bc. or	3.3								
{ Seaford ...															
{ Brighton ...		0.08	58	48	ep. c. o	o. c. o	3.4								
{ Worthing ...		0.04	60	46	bc	bc. c	5.0								
{ Littlehampton ...		0.12					5.1								
{ Southsea ...		0.09	63	50	bc. r	bc	6.3								
{ Ryde ...		0.06	58	52	p	p	6.1								
{ Ventnor ...		0.07	65	50	*	*	6.6								
{ Bournemouth ...			59	43	bc. b	b. bc	5.8								
Weymouth ...		0.03	60	50	bc	bc	6.4								
{ Exmouth ...			60	44	b	b	6.0								
{ Teignmouth ...		0.34	58	45	bc. p. q	bc	5.8								
{ Torquay ...		0.24	57	44	b	c	5.3								
{ Paignton ...		0.33	58	41	bp	b	5.2								
{ Falmouth ...		0.07	56	46	bc. p	bc. p	7.1								
{ Bude ...		0.15	58	46	p. bc	bc	5.3								
{ Ilfracombe ...		0.21	55	45	bc. p. bc	bc. p. bc	5.4								
{ Weston-super-Mare ...		0.37	56	45	b	bc									

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rainfall.	WEATHER.	
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Forenoon.	Afternoon.
Greenwich (Royal Obs.) ...	74	99	6.2	58	44	0.17	b. bc	bc. p. q
City (Rush Hill Row) ...			4.1					
Westminster (St. James's Pk.)	76	100	6.0	60	46	0.06	r	bc. r
Camden Sq. (Brit. Rainfall)	70	100	5.0	59	45	0.04	b	b. bc
Hampstead (Reservoir) ...		97	5.4	56	46	0.03	bc	bc. m. c.
Richmond Park ...			6.1					
Kew. (See front page.)								
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.								
S. Kensington (Roof of M.O.)				Total.	Average Rate.	Max. Rate.		
				489.7 Joules.	14.0 Milliwatts.	32. Milliwatts.		

Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	
Dublin to 4 p.m.	0.01	52	43	41	b	bc
Plymouth to 9 p.m.	0.08	57	47	37	bc. v	bc
Darwen	0.26	50	41	37	or. c	bc
Manchester	0.20	54	43	*	o. or. c	bc
Birmingham	0.44	54	41	36	*	b
Oxford to 8 p.m.		57	44	39	or. b	bc. c
S. Kensington (Museum Grounds to 6 p.m.)						
		0.04	58	47	39	b
					b. bc. c	c. o

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

1st 2nd Nov. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.50 6.52	G.M.T. 11.37 11.37	G.M.T. 4.24 4.22
Greenwich ...	6.55 6.57	11.44 11.44	4.33 4.31
Wick ...	7.30 7.32	11.56 11.56	4.22 4.20
Valencia ...	7.37 7.38	12.25 12.25	5.13 5.11

During yesterday temperature rose to about 60° in some parts of England, but only to 50° at Buxton. Rain has fallen in the north and west of the Kingdom and also in the southeast of England, but the amounts is slight or moderate. Several hours of bright sunshine were recorded generally, the highest figure being 8.1 hr. at Lowestoft. According to wireless reports a South Easterly to Easterly breeze prevailed on the Atlantic as far as the 18th meridian, and a Southerly breeze some distance further to the westward.

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
2nd November, 1913.

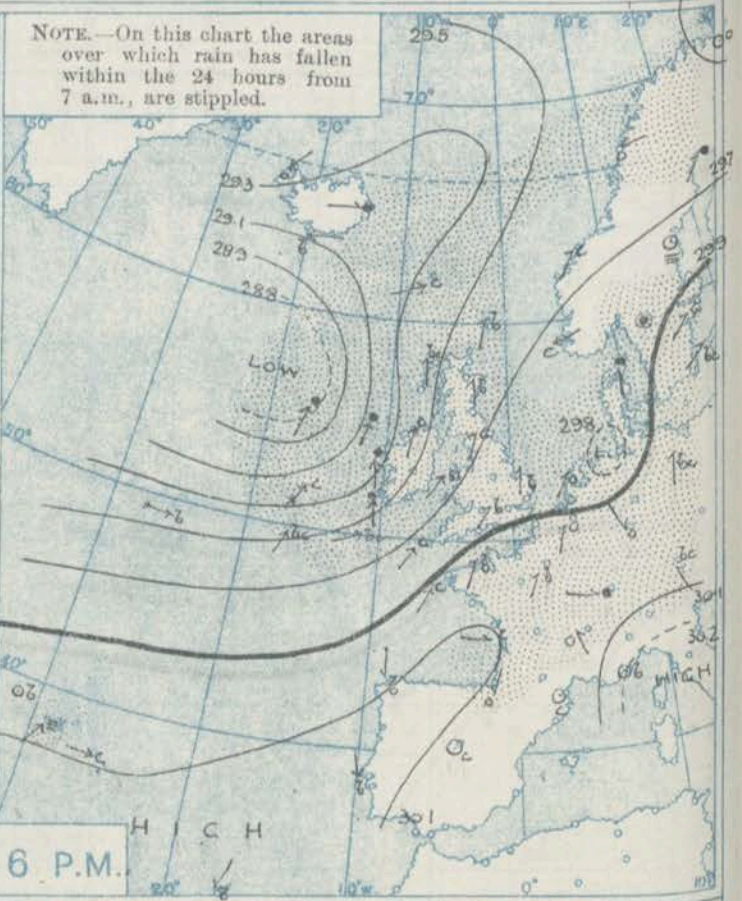
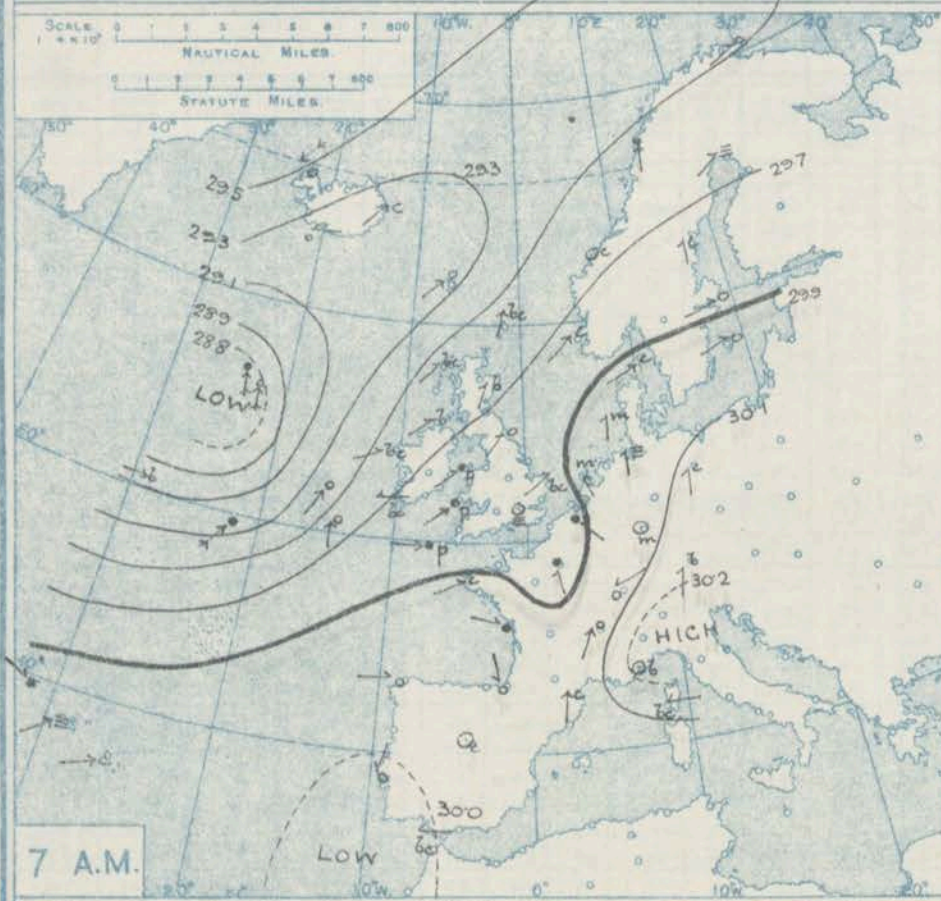
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day
	BAROM.		TEMP.		WIND.	Weather	BAROMETER.		TEMP.		WIND.	Weather.	Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.						
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Force (0 to 12).	At 32° F. and M.S.L. Lat. 45°			Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	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.	Dir.	Force (0 to 12).		In.	In.	F.		Dir.	Force (0 to 12).				In.	F.	F.				Hours.		
BRITISH ISLANDS.	Lerwick ...	29.55	47.	SSW	2	b	29.20	-0.08	50	+2	SSE	6	st	5	0.09	50	44	b	bc	bc. wq.	5.0.		
	Stornoway ...	29.47	48	S	6	bc	29.14	+0.03	46	+4	SW	4	cq.	4	0.30	51	42	bc	bc. wq.	cp. q.	3.0.		
	Castlebay (Barra Isd.)	29.40	50	SE	5	o	29.17	+0.01	50	+2	WSW	4	c	5	0.22	53	46	c. bc. op.	cp. o.	op. c.	3.0.		
	Glasgow ...	29.59	47	SSE	2	o	29.38	+0.01	49	+7	SSW	4	c	8	0.11	50	41	b. bc	bc. wq.	op.	3.4.		
	Malin Head...	29.41	46	SSW	5	c	29.28	+0.03	47	+5	SSW	5	cq. pl.	4	0.02	51	41	bc	cq.	cq. pl.	3.4.		
	Blacksod Point	29.26	48	S	6	op. r.	29.33	+0.03	52	+5	WSW	6	cq. pl.	5	0.40	54	46	bc. wq.	op.	cq. pl.	3.4.		
	Valencia ...	29.41	54	S	7	op. r.	29.58	+0.07	53.	+12	SW	5	o	5	0.49	55	39	bc. wq.	op.	op.	0.0.		
	Roche's Point	29.54	54	SW	5	+	29.62	+	53.	+11	W	4	b.	5	0.29	54	41	f. bc	c. op.	+	3.5		
	Birr Castle ...	29.46	49	SE	4	+	29.51	+	47	+12	SW	3	b.	8	0.06	52	34	bc	c. od.	or. b.	3.5		
	Donaghadee ...	29.58	47	S	2	c	29.43	+0.01	49	+8.	SW	3	bc	3	0.22	57	39	c	bc. c.	or. bcp.	3.5		
	Liverpool Obsy...	29.71	46	S	2	b	29.61	+0.04	50	+7	WSW	3	op.	3	0.05	54	43	b	bc	op.	5.2.		
	Holyhead ...	29.64	51	SW	4	cq. q.	29.33	+0.03	53	+3.	WSW	5	bc. wq.	5	0.26	55	49	bc. op.	bc. op.	op. cp.	2.8.		
	Pembroke (St. Ann's Hd.)	29.67	53.	SW	5	c	29.65	+0.02	55	+2	SW	6	cq. m.	6	0.25	56	52	cq. p.	c.	aq.	5.5		
	Newquay ...	29.78	52.	S	3	o	29.77	0.0	54	+8.	SSW	4	om.	4	0.16	56	46	bc. wq.	bc.	op. r.	4.7		
	ICELAND, FAEROE, &c.	Scilly (St. Mary's)	29.75	54	SW	5	cq.	29.74	+0.02	54	+1	WSW	4	cm. q.	5	0.12	57	51	bc	cq. p.	cm. q.	6.0.	
Jersey (St. Aubin)		29.94	56	SW	3	b.	29.94	+	57	+6	SW	5	aq.	4	0.01	59	50	o. bc	bc.	cq. p.	6.5		
Portland Bill		29.84	56	WSW	5	bc	29.79	+0.02	58	+2	WSW	5	o	6	0.05	58	54	bc	bc.	a. cr.	6.5		
Dungeness ...		29.90	54	WSW	3	bc	29.88	-0.02	54	-1	SW	7	qr.	6	0.26	57	52	r. o	or. c. bc.	bc. wq.	0.4.		
Dover ...		29.86	51	SW	2	b	29.87	+	53.	+1	SSW	6	op.	7	0.31	56	?	or. bc.	bc. wq.	bc. wq.	0.4.		
Wick ...		29.54	49	SSW	4	bc	29.20	+0.02	49	+5	SSW	4	bc. q.	5	Trace	50	44	bc. q.	bc.	cq. bc. q.	7.3.		
Nairn ...		29.55	42	-	0	b	29.23	-	46	+5	SW	1	bc	2	Trace	50	38	bc.	bc.	bc. q.	7.3.		
Aberdeen ...		29.61	45	S	1	b	29.33	-0.01	47	+3.	SSW	3	b.	3	0.02	51	42	b	bc.	b. bc. q.	6.4.		
Leith ...		29.59	50	S	2	o	29.37	+0.03	50	+4	SW	3	b.	3	Trace	52	44	b. bc. c.	op.	cp.	6.4.		
North Shields		29.70	49	SSW	2	c	29.49	+0.02	48	+5	S	2	c	2	0.01	54	43	o. c	c.	cr. c.	5.5		
Spurn Head ...		29.76	51	SW	3	b	29.65	+0.01	52	+5	SW	5	cq. r.	5	0.04	57	46	bc	bc.	b.	5.9.		
Yarmouth ...		29.85	51	S	1	bm	29.78	-0.02	54	+5	SSW	4	o	3.	0.01	55	47	bc	bc. m.	bc. or.	1.6		
Clacton-on-Sea		29.85	52	SW	2	bc	29.81	-0.02	55	+1	SSW	5	og.	4	Trace	56	51	og. p. c.	c. bc.	bc. wq.	0.2		
Nottingham...		29.80	49	SSW	2	b	29.68	-	51	+9	SW	4	b.	5	0.02	56	40	om. bc.	bc. b.	bc.	6.2.		
Bath ...		29.84	52	SSW	4	b	29.78	+	52	+9	SW	2	o.	5	0.12	59	41	om. b. bc.	bc. c. b.	b. bc. or.	5.5		
London (Kew Obsy.)...	29.88	49	SW	1	b	29.79	-0.01	54	+8.	S	4	o	5	0.04	56	44	f. em.	om. bc. b.	b. bc. or.	2.7.			
SCANDINAVIA.	Spitzbergen ...	29.71	15	NE	3	o	29.75	+0.01	12.	-5	NNW	4	o	5	17.	9							
	Isafjord...	29.39	37	NE	7	o	29.28	-0.0	35	+2	E	9	o	5									
	Reykjavik ...	29.18	39	ESE	5	b	29.11	-0.04	43	+10	ESE	7	c	5									
	Vestmanna ...	29.13	41	E	7	b	28.84	-0.03	41	+2	E	7	o	1									
	Seydisfjord	29.26	39	W	2	r	29.12	-0.03	37	-2	-	0	o	5									
	Thorshavn ...	29.33	45	WSW	4	c	29.08	-0.15	46	-1	SE	4	o	5									
GERMANY, &c.	Haparanda ...	29.63	36	SW	2	+	29.69	0.0	32.	-7	-	0	f	5	0.04	41	30						
	Hernösand ...	29.75	37	-	0	f	29.71	0.0	32.	+3.	-	0	b	5		50	32.						
	Stockholm ...	29.92	45	SW	2	c	29.68	-0.08	43	-4	NE	4	+	5	0.47	50	41						
	Wisby ...	29.97	45	WSW	2	bc	29.67	-0.09	52	+2	WSW	4	+	5	0.20	52	43.						
	Karlstad ...	29.88	47	-	0	+	29.75	-0.04	43	-3.	-	0	bc	5	0.04	50	41						
	Vardö ...	29.49	39	-	0	o	29.60	+0.06	36	+1	NE	2	o	2	?	39	30						
FRANCE.	Bodö ...	29.64	47	E	4	o	29.61	?	43.	-1	E	2	b	2.	0.16	47	41						
	Christiansund	29.64	47	SSW	1	c	29.58	-0.02	43.	-7	ESE	1	b.	3.		52	43.						
	Skudesnaes ..	29.74	51	ESE	4	c	29.64	-0.02	50	-1	SSE	6	o	4		52	48.						
	Færder (X'ania Fjord)	29.83	47	SSW	1	+	29.75	+0.02	42	-8	WSW	2	f	3.	0.20	50	41						
	The Scaw (Skagen)...	29.83	50.	S	2	+	29.78	+0.01	46.	-2	SW	1	f	0.	0.20	50	45						
	Blaavands Huk ...	29.81	48.	-	0	f	29.83	-0.01	51	+1	SW	1	f	1	0.12	52	48.						
SPAIN, PORTUGAL, &c.	Cuxhaven ...	29.79	52.	S	2	+	29.93	+0.02	47.	+2	S	2	o.	0.	0.32	54	45.						
	Berlin ...	29.97	55	S	3	bc	30.00	+0.08	53.	+6	W	3	o.	0.	0.08	61	47.						
	Frankfurt ...	29.96	54	NW	1	o	30.15	+0.06	49.	+3.	SW	3	bc.	5	0.12	57	46.						
	Munich ...	30.08	50	SE	2	bc.	30.23	+0.03	49	+12	SW	4	c	5	0.08	55	37.						
	The Helder ...	29.87	48.	SW	1	o	29.88	-0.01	51	+4	S	4	o	2.	0.12	55	45.						
	Brussels ...	29.94	50	SSW	1	o	30.02	+0.01	49	-3	SSW	2	o	5	0.24	56	48.						
SPAIN, PORTUGAL, &c.	C. Gris Nez...	29.91	54	WSW	4	+	29.90	-0.01	55	+5	SW	7	o.	7.	0.08	55	50.						
	La Hève ...	29.95	53.	ESE	3	o	29.97	+	52.	+1	SW	7	o.	5.	0.16	57	46.						
	Ushant ...	29.90	56	SW	7	c	29.90	+	56	+1	SW	5	o.	?	0.04	59	50.						
	Brest (St. Mathieu)	29.98	59	SW	4	c	29.94	+0.02	56	+1	W	5	f	4.		59	55						
	Lorient (Bec Meien)...	?	56	WSW	4	c	?	?	57	+4	SW	5	+	5	0.04	59	52.						
	Rochefort (Ile d' Aix)	30.10.	56.	W	3	c.	30.14	+0.03	52.	-4	S	4	m.	5	0.08	61	52						
SPAIN, PORTUGAL, &c.	Biarritz ...	30.10	57	NNE	2	o	30.12	+0.01	52	-8</													

* 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. 1ST NOVEMBER.



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 {
1
2 {
3
4 {
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.

SOUTH CONE HOISTED, at 2.30 p.m. Districts 6, 7, 8, 9, 10, 11
7.5 p.m. " " 0, 1, 2
6.50 a.m. today " 3-5

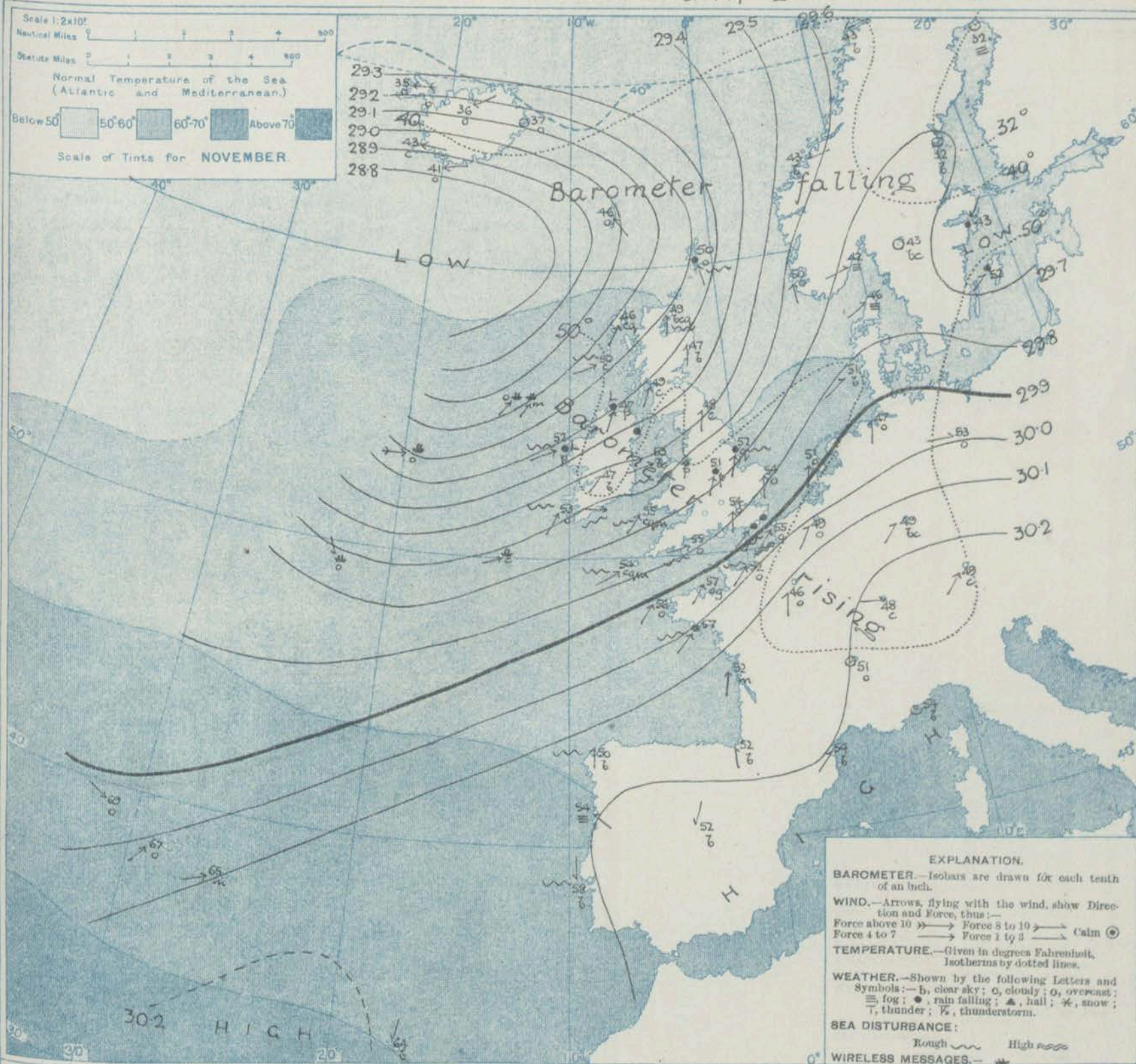
6 {
7 {
8 {
9 {
10 {

None Issued.

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. SUNDAY, 2nd NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is now above 30.2 in. over the more Southern parts of the Continent, diminishing thence in a north westerly direction to about 29½ in. in a deep cyclonic system centred to the southward of Iceland. The gradient is steep over the British Isles, Iceland and the neighbouring ocean, moderate to slight elsewhere.

Easterly high winds to a gale are reported over Western Iceland, but in other regions a southerly to south westerly current prevails, locally strong or high, mostly light to moderate. At the same stations temperature ranges from 46° at Naum and Stomorsay to 57° at Jersey; on the Continent from 32° at Kaparanda and Helsingfors to 58° at Lisbon; and in Iceland from 35° at Spitzbergen

is at 12°. The weather is variable, from fine and clear in many places to overcast & drizzle in others, with rain at various home and foreign stations, lightning in the north of Ireland, mist or fog locally. A rough or rather rough sea is running on many parts of our own and the Continental coasts, high on the French side of the Straits of Dover.

Sunday, 2nd November, 1913.

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.	
2nd. 7 a.m.	50	13	<u>Manitou</u>	O	29.61	+01	WSW	6-7	c.	1st. 6 p.m.	55	9	<u>Parisian</u>	O	29.28	-19	S	8-9	o
" "	55	12	<u>Parisian</u>	O	29.04	-02	SW	6-7	O	" 1 p.m.	55	13	<u>Manitou</u>	O	29.15	-20	SSW	8-9	o
" "	55	11	<u>California</u>	H	29.03	+03	WSW	6-7	O	" 7 a.m.	50	28	<u>Oceanic</u>	O	29.04	-05	W	6-7	o
1st. 6 p.m.	49	26	<u>Marquette</u>	H	29.52	-00	W	8-9	b	" "	56	23	<u>Union</u>	O	28.82	-22	SSW	8-9	o
" "	55	16	<u>California</u>	H	28.76	+05	SSW	6-7	r	" "	55	21	<u>California</u>	H	28.79	-01	S	8-9	o
" "	49	16	<u>Finckenhe</u>	H	29.51	+08	SW	6-7	bc	" "	49	20	<u>Finckenhe</u>	H	29.21	-08	SW	8-9	o
" "	52	15	<u>Andromeda</u>	O	29.20	-03	SW	8-9	c.	" "	51	15	<u>Belkai</u>	O	29.45	-14	SW	4-5	o
" "	50	11	<u>Montreal</u>	H	29.47	+12	WSW	6-7	bc	2nd. "	49	40	<u>Oceanic</u>	O	29.36	+23	W	6-7	o

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Morning.	Afternoon.	
Scotland. { Oban St. Andrews	In.	F.	F.			Hr.
England, N.E., { Harrogate Scarborough	-	53	39	c.b.c.	b.c.c.	22
England, N.W., { Blackpool Southport	-	55	42	b.c.c.	c.b.c.	44
Mid-lands. { Buxton Leamington Spa Malvern	-	51	38	b.c.	b.c.	53
Wales. { Rhyl Colwyn Bay Llandudno Bettws-y-Coed Aberystwyth Tenby	0.01	57	43	c.b.c.	b.c.	49
England, E., { Lowestoft Felixstowe Walton-on-Naze Southend-on-Sea	0.01	57	51	c.m.	c.b.c.	10
	0.05	56	51	o	b.c.	10
England, S.E., { Margate Ramsgate Folkstone Hythe Littlestone Hastings Bexhill-on-Sea Eastbourne Seaford Brighton Worthing Littlehampton Southsea Ryde Ventnor Bournemouth Weymouth... .. Exmouth Teignmouth Torquay Paignton Falmouth Bude Ilfracombe Weston-super-Mare	In.	F.	F.			Hr.
	0.04	58	49	c	c	02
	0.10	50	50	"	"	02
	0.47	56	52	o.f.o	b.c.	02
	"	"	"	"	"	00
	0.14	57	50	d.p.o.	a.b.c.	00
	0.11	56	52	c.o.	a.b.c.	02
	0.22	58	48	o	a.b.c.	05
	0.13	58	49	o	r.c.	06
	0.12	56	48	m.c.o.	ce	14
	0.15	56	47	d.	c.b.c.	17
	0.21	"	"	"	"	20
	0.09	58	44	c.b.c.	b.b.c.	61
	-	60	49	b.c.	b.c.	62
	0.08	59	44	b.c.	b.c.	50
	0.13	59	42	p.b.c.	b.c.	61
	0.06	56	45	b.c.	b	39
	-	59	52	w.b.c.	b	60
	-	58	46	b	b.b.c.	65

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	b.b.c.	b.b.c.	b.c.o.p.	Dublin to 4 p.m.	In.	F.°	F.°	F.°	b.c.	c.p.b.	b.c.o.	Hr.	
City (Bunhill Row) ...	74	91	2.0	58	46	38	0.03	b.b.c.	b.b.c.	b.c.o.p.	Plymouth to 9 p.m.	0.20	52	43	40	b.c.	c.p.b.	c.b.	3.7	
Westminster (St. James's Pl.)	84	96	1.4	57	48	44	0.03	f.b.c.	b.c.	b.c.o.m.e.	Darwen	—	52	40	37	b.c.u.	c.u.b.	b.c.o.	4.2	
Camden Sq. (Brit. Rainfall)	77	99	1.3	57	47	42	0.08	f.	b.c.	o.	Manchester	—	56	43	33	b.c.	b.c.	b.c.o.b.	4.8	
Hampstead (Reservoir) ...	*	98	1.7	55	48	34	0.08	c.	c.	c.o.r.o.	Birmingham	—	54	41	33	*	b.b.c.	c.	b.1	
Richmond Park ...	*	*	2.5	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.							Oxford to 8 p.m.	*	58	45	39	c.c.m.	c.m.b.	b.c.b.	*	
Kew. (See front page.)				Total.		Average Rate.		Max. Rate.												
S. Kensington (Roof of M.O.)	79	97	0.9	389 Joules.		11.2 Milliwatts.		25 Milliwatts.			S. Kensington (Museum Grounds to 6 p.m.)	0.03	57	48	37	0	o.c.b.	b.c.b.	*	

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

2nd & 3rd Nov. 1913.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	...	6.52 6.54	11.37 11.37	4.22 4.20
Greenwich ...	...	6.57 6.59	11.44 11.44	4.31 4.29
Wick ...	...	7.32 7.35	11.56 11.56	4.20 4.17
Valencia ...	...	7.39 7.41	12.25 12.25	5.11 5.9

Temperatures during day exceeded 55° at numerous home stations, and in the south the minima in the following night were 50° to 55° . Though general, the rain was mostly moderate to slight, only Valencia had $\frac{1}{2}$ in. The duration of bright sunshine was very variable, from none in places to $7\frac{1}{2}$ hr. at Naon. As far west as the 30th meridian ships experienced southerly to westerly strong winds and gales, with very variable weather, fine to 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; 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. boar frost; z. dust-haze, or smoke.

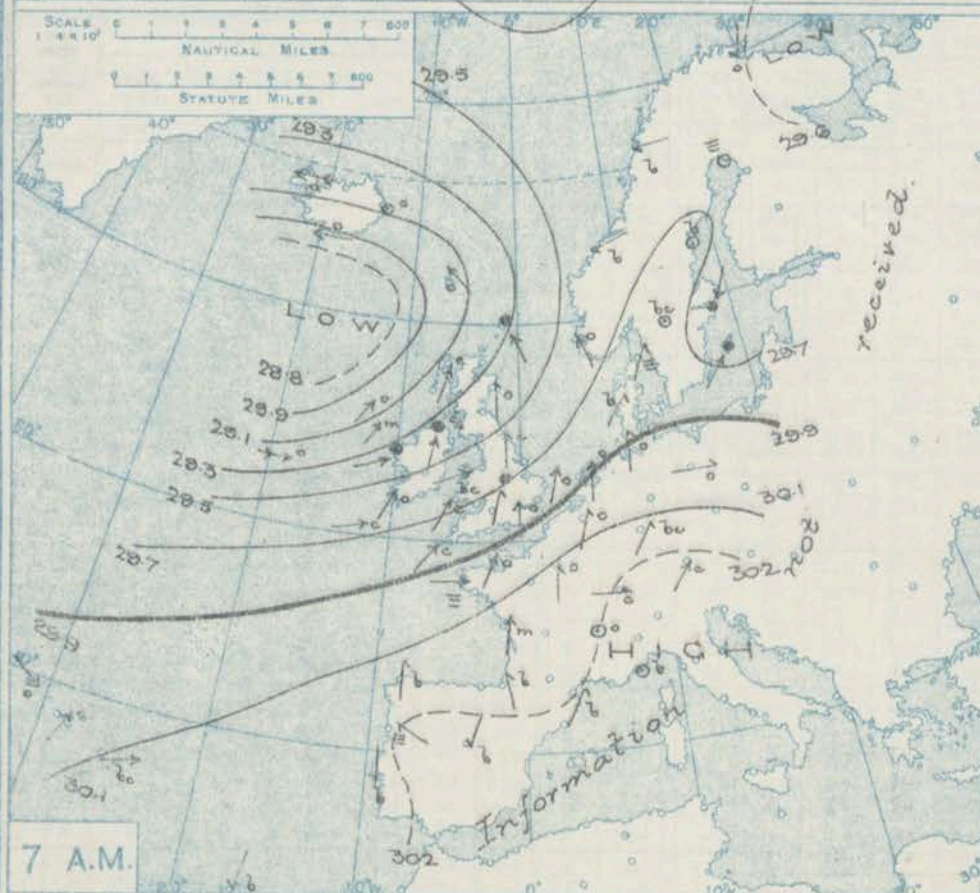
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

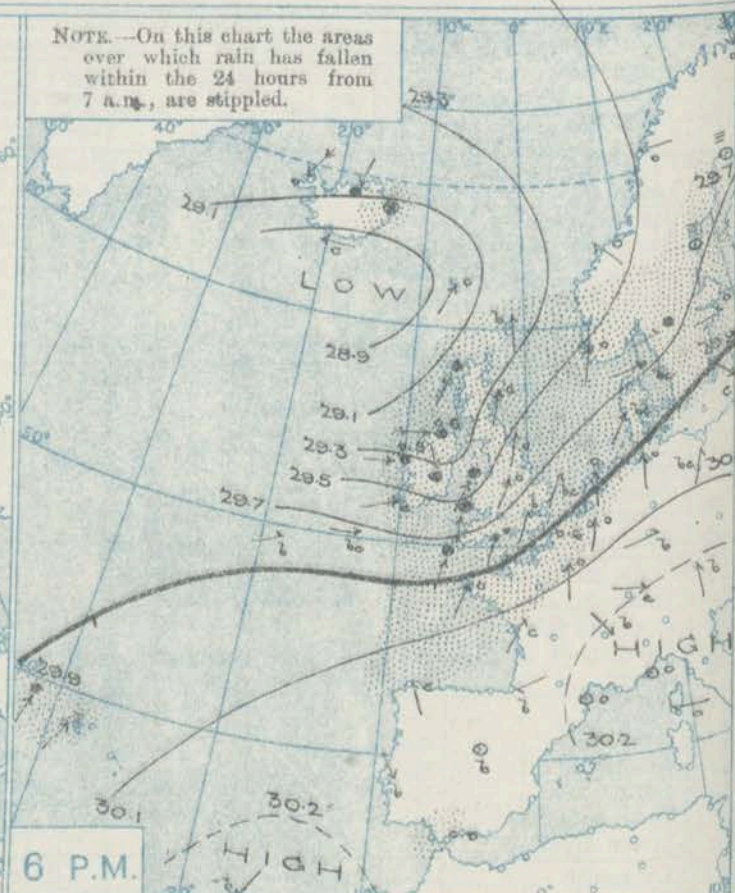
Monday,
3rd November, 1913.

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.	Dir.	Force (0 to 12).				At 32° F. and M.S.L. Lat. 46°	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.
BRITISH ISLANDS.	Lerwick ...	29.24	49	S	3	6	In.	In.	F.	-5	5	1	bc	0	0.13	52	44	bcg.	b	bcg.	Hours.	
	Stornoway ...	29.19	48	SW	4	off	29.06	+0.1	45	-5	5	8	opq	6	0.28	51	42	bcg.	c. opq.	c. opq.	2.1	
	Castlebay (Barra Isd.)	29.17	46	WSW	3	d	29.11	+0.5	48	+2	SW	7	op	6	0.21	52	46	c. opq.	c. d.	d. bcg.	0.6	
	Glasgow ...	29.35	47.	S	3	mdg	29.27	+0.5	51	+1	W	7	op	8	0.47	50	42	c. opq.	opq.	opq.	1.3	
	Malin Head...	29.15	47.	W	8	+	29.46	+0.8	46	-3	SW	6	c	7	0.56	51	43	c. opq.	opq.	c. opq.	0.1	
	Blacksod Point ...	29.32	47.	W	5	c. opq.	29.43	+0.5	49	+2	WNW	8	c	5	0.54	53	44	c. opq.	opq.	c. opq.	0.0	
	Valencia ...	29.55	50	WSW	7	c	29.65	+0.9	50	-2	WNW	6	c. opq.	5	0.51	54	45	c. opq.	opq.	c. opq.	0.0	
	Roche's Point ...	29.51	48	NW	5	b	29.88	+0.4	52	-1	WSW	7	c	3	0.26	56	46	c. opq.	opq.	c. opq.	0.0	
	Birr Castle ...	29.40	42	NW	6	r	29.90	0	48	-5	WSW	2	c	0	0.36	52	41	c	opq.	op	0.0	
	Donaghadee ...	29.24	51	SSW	4	+	29.76	0	46	-1	SW	2	c	4	0.37	53	42	opq.	op.	opq. bc	0.0	
	Liverpool Obsy. ...	29.55	53	SSE	3	0	29.58	+1.1	45	-4	SW	3	bc	5	0.02	56	46	bc	op	opq. b.	2.6	
	Holyhead ...	29.46	54	SW	6	qumr.	29.75	+0.3	48	-2	WSW	6	b	4	0.19	56	46	bc	op	opq. b.	0.6	
	Pembroke (St. Ann's Hd.)	29.55	54	SSW	8	r	29.77	+0.6	50	-3	SW	4	c. opq.	6	0.22	57	50	c. opq.	opq.	opq. b.	0.0	
	Newquay ...	29.73	55	SW	5	0	29.88	+0.5	52	-3	W	6	bcg.	6	0.16	57	51	c. opq.	opq.	opq. b.	0.1	
	ICELAND, FAEROE, &c.	Scilly (St. Mary's) ...	29.71	55	SW	6	opq.	29.99	+0.4	52	-2	W	4	bc	5	0.02	56	51	c. opq.	opq.	opq. b.	0.0
Jersey (St. Aubin) ...		29.72	57	SW	3	c	29.99	0	52	-5	W	2	bc	2	0.26	59	52	c. opq.	opq. b.	opq. b.	0.1	
Portland Bill ...		29.80	57	SW	6	0	30.06	+0.4	54	-1	W	6	bc	5	0.08	58	52	opq.	c. b.	opq. b.	0.0	
Dungeness ...		29.85	55	SW	4	c	29.98	+0.7	51	-3	WNW	5	b	4	0.18	58	47	opq.	opq.	opq.	0.0	
Dover ...		29.84	54	SW	4	+	29.94	0	46	-7	SW	3	c	4	0.15	56	45	c. opq.	op.	opq. c.	0.0	
Wick ...		29.27	50	SSW	4	bc	29.97	0	44	-7	SW	3	c	4	0.09	51	41	bcg.	bcg.	c. opq.	0.0	
Nairn ...		29.22	48	SW	3	bc	29.06	0	47	+1	SW	3	qr	3	0.19	51	40	bcg.	bcg.	op	3.5	
Aberdeen ...		29.34	50	SSW	5	c	29.21	0	47	-2	SSW	3	b	3	0.27	54	42	opq. b.	bcg.	c. opq. b.	4.3	
Leith ...		29.40	52	SW	3	0	29.29	+0.5	45	-2	SSW	3	c	3	0.25	55	44	bcg.	opq.	op	0.0	
North Shields ...		29.55	51	SSW	2	0	29.39	+0.6	48	-2	WSW	6	c	2	0.02	58	46	c	0.	c. bc	3.5	
Spurn Head ...		29.65	54	SSW	5	c	29.56	+0.8	49	+1	SW	4	bc	2	0.02	57	45	c	c	c. o	2.6	
Yarmouth ...		29.80	54	SW	2	bcn.	29.71	+0.4	48	-4	WSW	6	bcg.	5	0.02	57	45	c	c	c. o	0.0	
Clacton-on-Sea ...		29.82	55	SW	4	c	29.86	+0.4	44	-10	WSW	1	bc	1	0.08	58	44	op. bc.	bcn.	op. bcn.	1.5	
Nottingham ...		29.66	54	SW	4	0	29.91	+0.7	46	-9	WSW	4	bc	3	0.02	57	45	op. bc.	c. bc.	c. o. bc.	1.3	
Bath ...		29.77	56	SSW	6	0	29.81	0	44	-7	WSW	4	b	0	0.01	57	42	bc	c. o.	op	1.2	
London (Kew Obsy.)...	29.80	54	SW	2	b	29.96	+0.6	45	-6	SW	3	0	0	0.10	59	42	c. o.	c. o.	opq. o	1.3		
SCANDINAVIA.	Spitzbergen ...	29.55	17	SSE	4	0	29.95	+0.6	45	-9	SW	2	b	0	0.09	57	44	opq.	c. bc. b.	b. bc. c. o.	1.5	
	Isafjord...	29.26	35	NE	9	0	29.80	+0.7	37	-6	0	0	0	0	0.04	36	28	0	0	0	0.0	
	Reykjavik ...	29.97	43	NNE	6	0	29.40	+0.3	34	-1	NE	5	c	0	0.12	39	28	0	0	0	0.0	
	Vestmanna ...	29.87	43	E	7	c	29.25	+0.7	37	-6	0	0	0	0	0.12	46	41	0	0	0	0.0	
	Seydisfjord ...	29.04	39	0	0	+	29.25	+0.7	37	-6	0	0	0	0	0.12	52	46	0	0	0	0.0	
	Thorshavn ...	29.95	47	SW	5	0	29.18	+0.4	38	-3	N	2	b	2	0.47	50	48	0	0	0	0.0	
	Haparanda ...	29.69	32	0	0	f	29.04	+0.4	42	+5	NE	6	r	0	0.12	50	41	0	0	0	0.0	
	Hernösand ...	29.69	31	0	0	f	29.93	0.0	41	-5	0	0	c	0	0.12	50	41	0	0	0	0.0	
	Stockholm ...	29.78	43	WSW	2	0	29.94	+0.4	42	+5	NE	6	r	0	0.12	50	41	0	0	0	0.0	
	Wisby ...	29.90	47	WSW	2	r	29.53	-0.4	49	+6	SSE	2	0	0	0.12	50	41	0	0	0	0.0	
	Karlstad ...	29.65	47	WSW	2	r	29.53	-0.4	49	+6	SSE	2	0	0	0.12	50	41	0	0	0	0.0	
	Vardö ...	29.69	36	N	4	0	29.58	-0.2	36	0	S	2	0	2	0.12	36	30	0	0	0	0.0	
	Bodö ...	29.54	41	E	1	0	29.39	-0.2	41	-2	E	2	0	2	0.12	43	39	0	0	0	0.0	
	Christiansund ...	29.35	49	SE	1	0	29.30	-0.4	46	+3	SE	2	0	2	0.12	43	39	0	0	0	0.0	
	Skudenes ...	29.50	51	SSW	6	0	29.10	-12	49	-1	ESE	8	r	4	0.47	50	48	0	0	0	0.0	
Færder (X'land Fjord)	29.56	50	SW	6	bc	29.36	-12	50	+8	SSE	8	0	4	0.04	50	41	0	0	0	0.0		
GERMANY, &c.	The Scaw (Skagen)...	29.69	50	WSW	6	bc	29.42	-13	51	+5	SSW	7	0	2	0.20	52	45	0	0	0	0.0	
	Blaavands Huk ...	29.78	51	SW	5	bc	29.58	+0.1	51	0	W	7	c	5	0.16	52	50	0	0	0	0.0	
	Cuxhaven ...	29.89	51	S	4	0	29.73	-0.2	53	+6	SW	6	0	3	0.08	55	50	0	0	0	0.0	
	Berlin ...	30.08	54	SW	1	bc	29.55	-0.8	35	+3	0	0	r	0	0.12	39	28	0	0	0	0.0	
	Frankfurt ...	30.13	50	WSW	2	b	29.65	-0.2	45	+2	SSW	2	0	0	0.12	46	41	0	0	0	0.0	
	Munich ...	30.23	48	S	2	b	29.75	-0.6	50	-2	SSW	4	0	0	0.47	52	46	0	0	0	0.0	
	The Helder ...	29.84	53	S	4	0	29.53	-0.4	49	+6	SSE	2	0	0	0.12	50	41	0	0	0	0.0	
	Brussels ...	29.96	53	SSW	4	0	29.53	-0.4	49	+6	SSE	2	0	0	0.12	50	41	0	0	0	0.0	
	C. Gris Nez...	?	56	SSW	7	0	29.65	-0.1	33	+1	E	2	f	0	0.04	36	28	0	0	0	0.0	
	La Hève ...	29.90	56	WSW	7	f	29.55	-0.8	35	+3	0	0	r	0	0.12	39	28	0	0	0	0.0	
	Ushant...	29.90	56	SW	7	0	29.65	-0.2	45	+2	SSW	2	0	0	0.12	46	41	0	0	0	0.0	
	Brest (St. Mathieu) ...	29.45	57	SW	5	0	29.75	-0.6	50	-2	SSW	4	0	0	0.47	52	46	0	0	0	0.0	
	Lorient (Bec Melen)...	29.81	57	WSW	4	0	29.53	-0.4	49	+6	SSE	2	0	0	0.12	50	41	0	0	0	0.0	
	Rochefort (Ile d' Aix)</																					

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 2nd November.



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 main depression centred to the northward of Scotland seems likely to move away in a northeasterly direction, and the force of the

wind in Scotland will decrease. Over Ireland and England local irregularities of pressure will cause showers in places, but generally the weather will be fair for the present.

FORECASTS FOR THE 24 HOURS NOON MONDAY

TO NOON TUESDAY.

0 {
a S.W. to S.W. winds, decreasing
b in force, becoming N.W. temporarily;
some squalls and showers; cooler.

1 {

2 {
a Wind mainly S.W., moderate
b

3 { or fresh, then decreasing; mostly

4 {
a fair, but some showers locally;
b moderate temperature.

5 {

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

Cones hoisted at 8.50 a.m. yesterday.

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

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

8 {
a
b

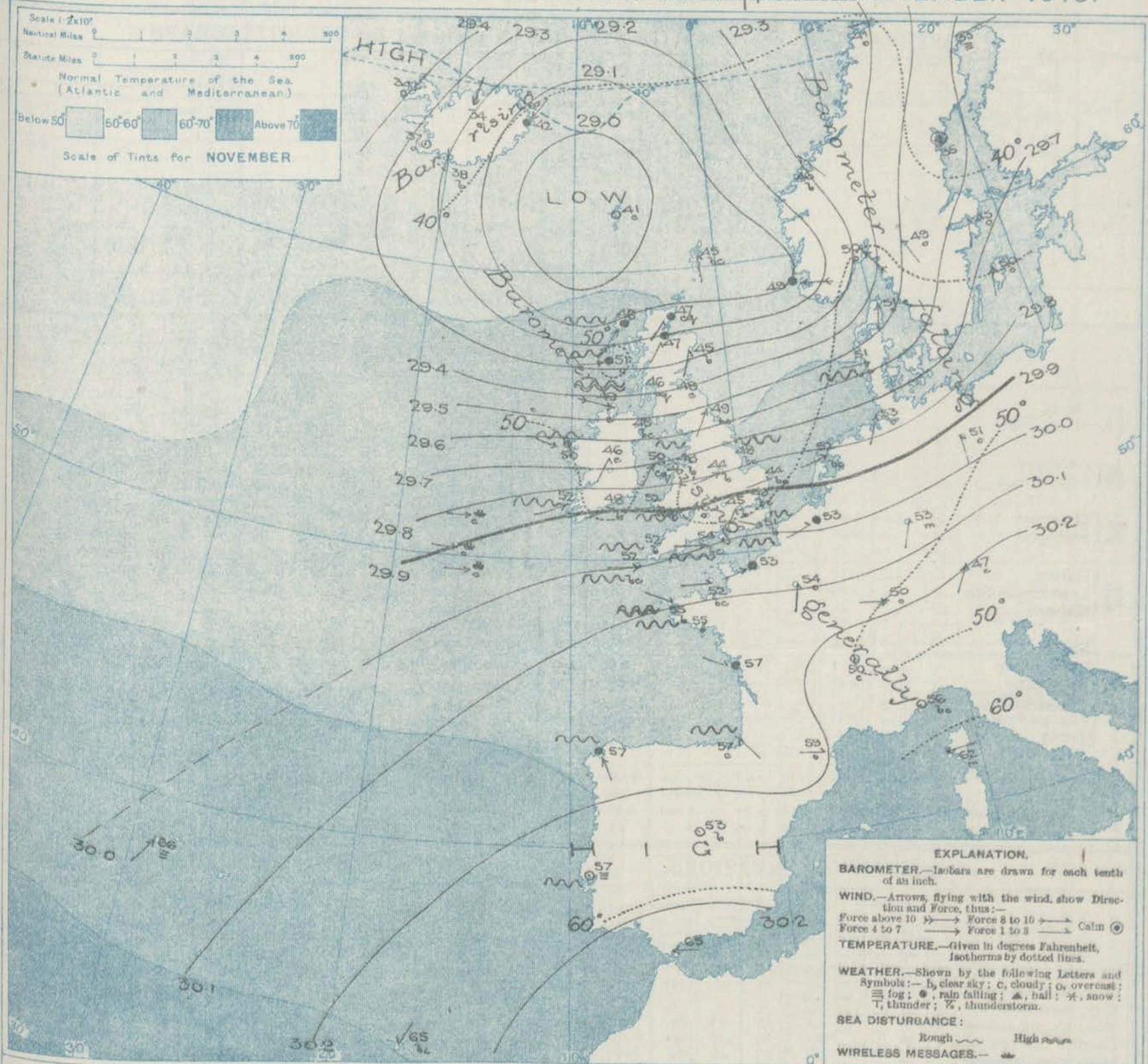
9 {
a W. or N.W. to S.W. winds,
b decreasing gradually; changeable,
some showers and squalls; moderate
10 {
a temperature.
b

11 WESTERN CHANNEL AND BAY.

W. winds, fresh or strong to light; sea rather rough to moderate; some showers, otherwise fair.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Monday, 3rd NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is below 29 in in a large depression having its minimum near Horthorn, above 30.0 in. at the Azores and above 30.2 in. over Bavaria, the south of France and in Central Spain. The gradient is steep or rather so over all our more northern districts.

The wind is S.W. in Scotland, W. in most parts of England and Ireland and over the North Sea, but draws into the S.E. over Norway and into N.E. in Iceland. Temperature has fallen temporarily in these islands, and

ranges from 54° at Portland Bill to 44° at Nottingham and Great Yarmouth. Showers are falling in the northwest of Ireland and in the north of Scotland, but over the United Kingdom generally the weather is fair to bright. Much cloud is reported on the continent, with rain in places over a large area. The sea is rough or rather so on our northern, western and southern coasts, and also at Spurn Head.

DAILY WEATHER REPORT.

Monday, 2nd November 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.	
3rd, 7 am.	50	16	Manitow	o	29.97	+0.03	W	4-5	o	2nd, 6 pm.	49	19	Manitow	H	29.97	+0.18	WSW	1-3	b.
"	51	15	Royal George	o	29.77	+0.04	W	6-7	c	"	50	14	Manitow	o	29.76	-0.24	W	6-7	r
"	49	15	Manitow	H	30.00	-0.01	W	4-5	o	"	50	14	Manitow	o	29.46	-0.05	WNW	10-11	o
"	49	8	Uderland	o	29.98	+0.01	W	6-7	o	"	52	19	Andania	H	29.18	-0.02	W	8-9	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.	
Scott- land (Oban ...)	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
(St. Andrews ...)							Ramsgate ...	0.05	58	47	c	c	0.1
Eng- land (Harrogate ...)	0.07	54	44	b.c.p.o	o.c.	2.4	Folkestone ...	0.03	56	45	*	*	0.0
(Scarborough ...)	"	57	45	o.c.	o.c.	2.6	Hythe ...	0.13	56	49	r	or	0.0
Eng- land (Blackpool ...)	0.08	56	47	r.o.c.	op	1.0	Littlestone ...	"	"	"	"	"	0.0
(Southport ...)	0.06	56	46	o.b.c.o	c.or	1.3	Hastings ...	0.14	57	51	b.op	op.o.	0.0
Mid- land (Buxton ...)	0.06	58	42	c.b.	c.b.	1.0	Bexhill-on-Sea ...	0.09	58	51	om.c.	o	0.0
(Leamington Spa ...)	"	"	"	"	"	0.5	Eastbourne ...	0.11	58	53	or	od	0.0
(Malvern ...)	"	"	"	"	"	0.5	Seaford ...	"	"	"	"	"	0.0
Wales (Rhyl ...)	0.06	57	42	a.b.c.	o	2.5	Brighton ...	0.09	58	52	d.r.o.b.c.	o.c.	0.7
(Colwyn Bay ...)	0.09	59	50	b.c.	b.c.d.	2.0	Worthing ...	0.09	59	50	or b.c.	c.b.c.	0.1
(Llandudno ...)	0.01	57	48	c.b.	unsat.	1.2	Littlehampton ...	0.07	"	"	"	"	1.0
(Bettws-y-Coed ...)	"	"	"	"	"	"	Southsea ...	0.04	60	50	b.c.	b.o.	1.5
(Aberystwyth ...)	0.17	56	49	aq	omr	0.5	Ryde ...	0.33	59	55	or	c	2.0
(Tenby ...)	"	"	"	"	"	"	Ventnor ...	0.10	62	53	"	"	1.2
England (Lowestoft ...)	0.05	57	47	op.c.b.c.	b.c.o.	1.9	Bournemouth ...	0.21	59	52	r.c.o.	o.c.o.	0.6
(Felixstowe ...)	0.04	59	49	emp.o.	b.c.m.	2.7	Weymouth ...	0.15	59	54	b.b.c.	b.c.ry	0.0
(Walton-on-Naze ...)	0.13	58	50	cr.b.c.	c.b.c.	1.4	Exmouth ...	"	"	"	"	"	0.0
(Southend-on-Sea ...)	"	58	49	c	b.c.	1.1	Teignmouth ...	0.16	58	52	cp	c	0.0
							Torquay ...	0.32	58	52	c.o	c.o.	0.1
							Paignton ...	0.33	58	46	o	o	0.0
							Falmouth ...	0.33	56	51	orq	o	0.2
							Bude ...	0.02	59	55	or	skarmy	0.2
							Ilfracombe ...	0.19	58	52	o	o	1.5
							Weston-super-Mare ...	0.07	59	48	c.b.c.	b.b.c.c.	0.0

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.	Min. on Grass.	Min. on Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	76	74	1.7	59	45	36	0.12	c.o	c.o.	opq
City (Bunhill Row) ...	"	"	0.7	"	"	"	"	"	"	"
Westminster (St. James's Pk.)	79	82	1.0	60	45	39	0.04	b.c	b.c.	p.b.c.
Camden Sq. (Brit. Rainfall)	73	77	1.0	59	43	40	0.04	or b.c.	b.c.	or.c.
Hampstead (Reservoir) ...	"	82	2.1	57	42	30	0.03	b.c	b.c.	or b.c.
Richmond Park ...	"	"	1.4	"	"	"	"	"	"	"
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.)				362.2 Joules.	10.5 Milli-watts.		32 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.	0.03	55	49	46	p.b.c	or b.c.
Plymouth to 9 p.m.	"	"	"	"	"	"
Darwen "	"	"	"	"	"	"
Manchester "	"	"	"	"	"	"
Birmingham "	0.07	57	48	43	r	o
Oxford to 8 p.m.	"	59	49	44	b.or	o.c.
S. Kensington (Museum Grounds to 3 p.m.)	0.05	59	55	39	or.	o.c.

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

3rd, 4th Nov. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.54 6.56	G.M.T. 11.37 11.37	G.M.T. 4.20 4.18
Greenwich ...	6.59 7.1	11.44 11.44	4.29 4.27
Wick ...	7.35 7.38	11.56 11.56	4.17 4.14
Valencia ...	7.41 7.43	12.25 12.25	5.9 5.7

Temperature rose to above 55° in many parts of these Islands, and touched 60° at a few southern stations. Rain has fallen very generally, and the duration of bright sunshine has been slight. Gales from the South-Westward or Westward were experienced on many parts of the coast during the evening or night, and a well-marked line squall passed over from the westward. Wireless reports show that a Westerly wind, moderate to a gale in force, 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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,
4th November, 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.	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).	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 ...	29.20	47	W	5	or	29.61	+0.3	46	+1	W	2	bc	3	0.19	50	43	bc cp	bc am	or cpq	*	
	Stornoway ...	29.60	49	WNW	5	cpq	29.78	+0.1	47	-1	W	1	o	2	0.24	50	46	c. bcq	bcq	e. op	3.3	
	Castlebay (Barra Isd.)	29.67	49	WNW	6	op	29.79	-0.1	51	0	SSW	3	o	4	0.06	53	47	op c	c. op	op bc o	3.2	
	Glasgow ...	29.73	48	W	4	c	29.89	+0.2	47	+1	WSW	2	og	8	0.31	50	46	cpq	opq c	o. bc o	0.0	
	Malin Head...	29.80	50	W	8	og	29.84	-0.4	46	-3	S	3	c	3	0.05	52	45	cpq	mg	cmq	*	
	Blackisd Point	29.90	51	WNW	3	o	29.77	-0.3	50	0	SW	4	o	4	0.03	53	47	cmq	bc am	cm	*	
	Valencia ...	29.99	48	-	0	b	29.80	-0.4	51	-1	SSE	5	o	4	-	55	42	bc	c	bc o	6.4	
	Roche's Point ...	30.01	49	WNW	1	c	29.87	*	53	+5	S	3	o	3	0.02	56	41	bc	bc c	bc o	*	
	Birr Castle ...	29.96	49	SW	2	c	29.85	*	38	-8	-	0	c	3	0.02	52	35	cp	c	c	3.6	
	Donaghadee ...	29.85	49	SW	3	c	29.92	*	40	-5	SW	2	bc	3	0.13	53	39	bcq	cpq	bcq b	*	
BRITISH ISLANDS.	Liverpool Obsy. ...	29.94	50	WSW	5	o	29.98	-0.1	42	-6	SSE	2	b	3	-	53	41	bc	c	bc	3.6	
	Holyhead ...	29.94	51	SW	4	bc	29.94	+0.1	44	-6	SE	2	c	1	-	54	41	cmq	c. bc	bcw	1.2	
	Pembroke (St. Ann's Hd.)	30.02	53	W	3	c	29.93	-0.3	52	0	SSE	4	c	3	Trace	55	51	bcq	bcq	c	2.8	
	Newquay ...	30.05	49	SW	2	b	29.88	-0.5	52	0	SE	4	o	4	-	56	39	b	c. bc c	bm o	4.5	
	Scilly (St. Mary's) ...	30.06	51	-	0	bv	29.87	-0.3	55	+3	SE	4	om	6	-	56	47	b	bc	bc c o	6.9	
	Jersey (St. Aubin) ...	30.12	51	W	3	bc	29.97	*	54	+2	E	4	orgme	4	0.01	59	45	b	bc	omp o	6.2	
	Portland Bill ...	30.05	56	W	4	bc	29.98	-0.3	54	0	E	3	c	3	-	58	49	bc	bc	bc c	*	
	Dungeness ...	30.04	54	WSW	3	b	30.05	-0.2	47	-4	N	2	o	1	-	58	41	bc	bc	bc b o	*	
	Dover ...	30.03	49	SW	3	b	30.02	*	46	0	NW	1	cm	2	Trace	57	40	c. b	b	bc am	8.3	
	Wick ...	29.46	47	W	3	c	29.77	+0.4	44	-3	W	4	c	4	0.12	50	42	cpq	cmq	c. bc q	*	
BRITISH ISLANDS.	Nairn ...	29.59	49	W	4	cu	29.82	*	47	0	W	1	o	2	0.08	51	44	pq. c	bcq	bc o	2.8	
	Aberdeen ...	29.55	49	W	5	b	29.85	+0.6	46	+1	SW	3	bc	2	-	56	43	bcq b	bcq	b. bc	6.0	
	Leith ...	29.65	50	W	5	bc	29.88	+0.3	49	+1	WSW	2	o	2	0.17	52	48	cpq	cpq bc	c o	*	
	North Shields ...	29.72	50	WSW	5	bc	29.93	+0.2	45	-4	SW	2	c	2	-	53	44	c. b	b. bc	bcq	5.8	
	Spurn Head ...	29.87	50	W	5	b	29.96	0.0	46	-2	W	4	b	4	-	53	43	bcq	b	bcq	?	
	Yarmouth ...	29.96	50	SSW	2	bc	30.02	0.0	40	-4	SSW	1	bm	1	-	55	39	bc	bc	bm	7.0	
	Clacton-on-Sea ...	30.01	51	SW	3	bc	30.04	0.0	40	-6	WNW	2	bc	1	-	56	40	bc	bc	bcw	7.5	
	Nottingham...	29.96	47	W	3	b	30.03	*	34	-10	-	0	f	*	-	55	32	bc	c b	b	4.5	
	Bath ...	30.05	51	W	1	o	30.02	*	35	-11	E	3	m	*	0.02	57	34	p. o. c	c o	abc. bc	4.3	
	London (Kew Obsy.)...	30.05	51	SW	1	c	30.05	-0.1	36	-9	-	0	fx	*	-	55	35	abc. c o	c	c. bc b	3.1	
ICELAND, FAEROE, &c.	Spitzbergen ...	29.63	18	-	0	s	29.65	0.0	19	0	E	2	s	*	?	19	16	*	*	*		
	Isafjord...	29.55	34	NE	2	o	29.49	-0.5	33	-1	-	0	b	*	*	*	*	*	*	*		
	Reykjavik ...	29.41	38	E	2	b	29.32	-0.2	38	+1	E	4	bc	*	*	*	*	*	*	*		
	Vestmanna ...	29.36	38	N	1	b	29.31	-0.6	42	+4	E	4	o	0	*	*	*	*	*	*		
	Seydisfjord ...	29.29	40	SW	5	c	29.52	+0.1	34	-8	-	0	b	*	*	*	*	*	*	*		
	Thorshavn ...	29.27	43	WNW	5	r	29.57	+0.4	37	-4	-	0	b	*	*	*	*	*	*	*		
	Haparanda ...	29.49	37	SE	4	r	29.34	?	37	+4	ESE	2	r	*	0.16	39	33	*	*	*		
	Hernösand ...	29.26	42	-	0	r	29.23	+0.5	42	+7	-	0	r	*	0.43	43	34	*	*	*		
	Stockholm ...	29.35	47	SSW	6	r	29.24	+0.1	47	+2	SW	2	o	*	0.26	50	45	*	*	*		
	Wisby ...	29.58	49	W	6	b	29.46	-0.4	49	-1	S	6	bc	*	0.24	52	46	*	*	*		
SCANDINAVIA.	Karlstad ...	29.30	48	WSW	4	r	29.37	+0.4	45	-4	WSW	2	o	*	0.24	52	43	*	*	*		
	Vardö ...	29.53	33	-	0	b	29.58	0.0	37	+1	SW	4	o	2	?	37	30	*	*	*		
	Bodö ...	29.36	39	NE	2	o	29.36	+0.2	35	-6	E	2	b	1	-	41	34	*	*	*		
	Christiansund ...	29.23	49	SW	1	r	29.43	?	48	+2	WNW	4	o	4	0.28	52	45	*	*	*		
	Skudesnaes ..	29.33	51	WSW	6	c	29.64	+0.9	47	-2	NW	6	c	4	0.35	52	45	*	*	*		
	Færder (X'ania Fjord)	29.32	50	WSW	8	o	29.38	+0.4	46	-4	WNW	2	b	4	0.28	50	45	*	*	*		
	The Scaw (Skagen)...	29.49	50	W	8	c	29.43	+0.1	49	-2	W	6	c	2	0.20	54	46	*	*	*		
	Blaavands Huk ...	29.68	51	W	7	m	29.73	+0.3	51	0	WNW	7	c	5	Trace	52	48	*	*	*		
	Cuxhaven ...	29.87	49	W	6	o	29.88	+0.1	49	-4	W	3	b	0	0.08	54	48	*	*	*		
	Berlin ...	29.97	52	W	4	b	29.96	-0.2	47	-4	SW	3	o	*	0.04	55	41	*	*	*		
GERMANY, &c.	Frankfurt ...	30.10	54	SW	1	o	30.13	+0.1	43	-9	SW	1	f	*	0.20	55	41	*	*	*		
	Munich ...	30.15	52	SW	3	b	30.13	+0.1	49	+2	SW	2	f	*	0.04	57	46	*	*	*		
	The Helder ...	29.95	54	WSW	5	c	30.00	+0.4	53	+1	W	3	c	3	-	55	52	*	*	*		
	Brussels ...	30.09	47	S	1	b	30.09	0.0	41	-12	SSE	1	b	*	-	57	41	*	*	*		
	C. Gris Nez...	30.05	55	W	6	bc	30.06	-0.2	?	?	SE	1	o	2	-	59	48	*	*	*		
	La Hève ...	30.07	54	WNW	3	m	29.98	*	48	-5	E	4	m	3	-	57	45	*	*	*		
	Ushant...	30.02	54	SE	2	c	29.87	*	56	+1	SSE	5	f	7	0.04	59	48	*	*	*		
	Brest (St. Mathieu)...	30.10	54	ESE	2	f	29.89	-0.4	55	0	SE	3	f	5	0.08	63	54	*	*	*		
	Lorient (Bec Melen)...	30.14	55	E	1	o	29.95	*	59	+4	W	3	o	4	1.18	59	50	*	*	*		
	Roche fort (Ile d' Aix)	30.12	57	ESE	2	c	29.98	-0.1	59	+2	WSW	3	o	*	0.16	59	55	*	*	*		
FRANCE.	Biarritz ...	30.08	62	NE	2	o	30.03	-0.1	61	+4	S	1	c	6	0.06	64	57	*	*	*		
	Paris ...	30.14	52	SE	1	o	30.06	-0.3	51	-3	ESE	1	r	*	0.08	56	49	*	*	*		
	Belfort ...	30.20	52	W																		

GALES.
Duration and Extreme Force
in British Islands

Lerwick 6 p.m. - 9 p.m.
Extreme Squalls W. 9.

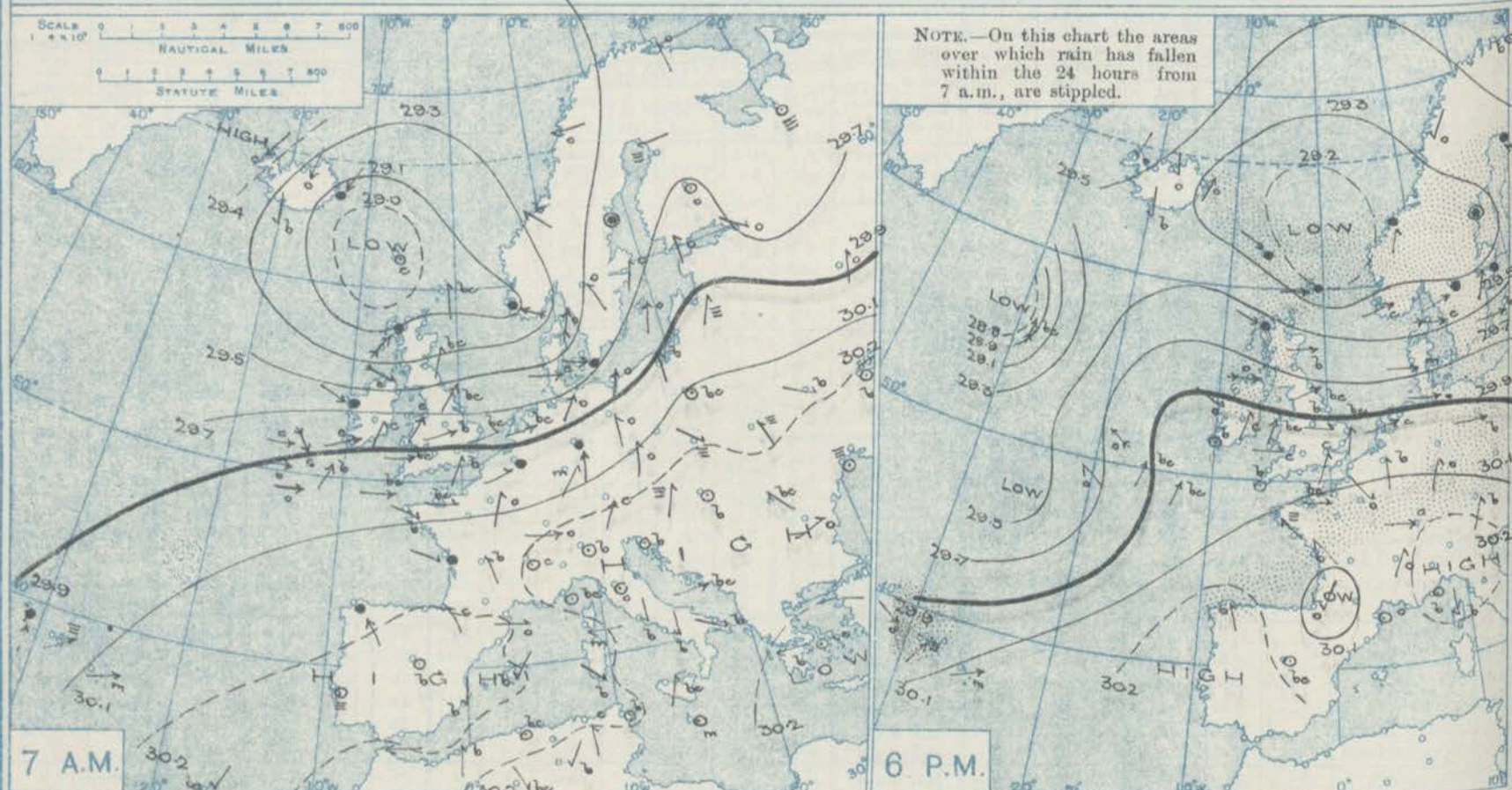
Malin Head 7 a.m. - 7 p.m.
Extreme W. 9.

Heatham 7 a.m. - 5 p.m.
Extreme WSW 8.
Gust 61 m.p.h. (10.)

* 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. 3rd November.



GENERAL INFERENCE

Wireless telegrams show that last evening a large and deep depression and also a secondary disturbance existed on the Atlantic far to the westward of these islands.

WEATHER PROSPECTS.

These systems are likely to extend over the Kingdom during the ensuing 24 hours, and to cause a return of unsettled, mild weather.

FORECASTS FOR THE 24 HOURS NOON TUESDAY

TO NOON WEDNESDAY.

- 0 {
a
b
- 1 { Wind backing towards S,
increasing in force; fair, then dull
finally rainy; temperature rising.
- 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.

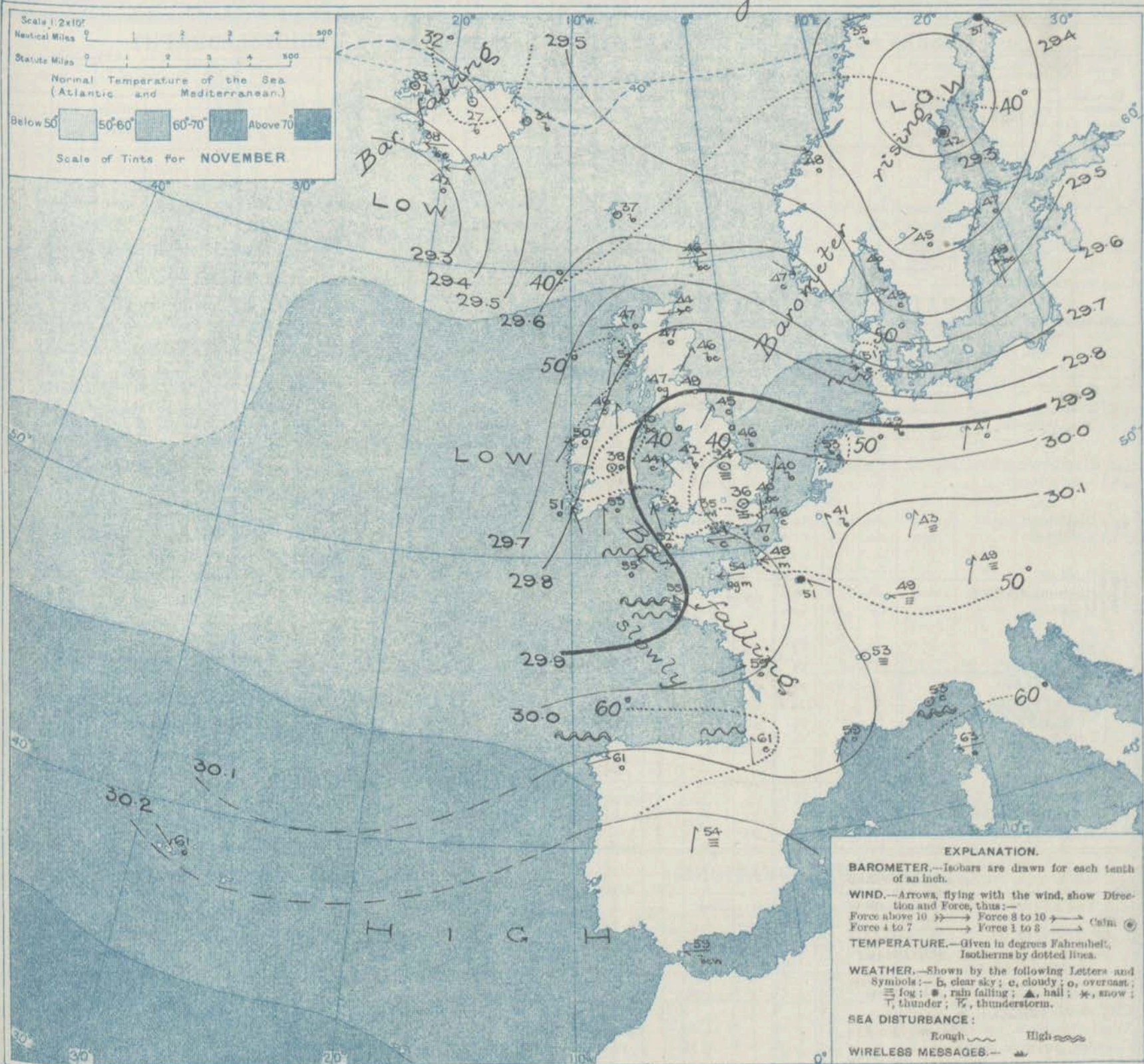
- 6 {
a
b
- 7 {
a
b
- 8 {
a
b
- 9 {
a
b
- 10 {
a
b

11 WESTERN CHANNEL AND BAY.

S.E. and S. winds, moderate to fresh or strong; sea rough or rather so; some mist or fog, rain later.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. *Tuesday, 4th* NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.2 in. over the southern half of the Spanish Peninsula, below 29.3 in. in a depression over Sweden and also in a disturbance on the Atlantic to the southwestward of Iceland.

The wind is light and variable in the southeast of England, E. to S.E., light or moderate, on the Channel, S., light or moderate, over Ireland and Wales, light from S.W. or W. in Scotland. On the eastern shores of the North Sea there is a

strong to high wind from the N.W. and on the south coast of Iceland a strong gale from E. Temperature has fallen in most regions. Over the United Kingdom it ranges from 34° at Nottingham, and 35° at Bath to 51° at Castlebay, and to 55° at Scilly. The weather is fair or fine in many parts of these islands, but mist or fog prevails locally in England, and much cloud is reported along the extreme western seaboard. Rain is falling in the north of Sweden and at Paris, and the weather is foggy over South Germany & the east of France.

DAILY WEATHER REPORT.

Tuesday, 4th November, 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.	
3rd, 6 p.m.	56	29	Empress of Ireland	0	28.80	+0.9	SSW	8-9	bc	3rd, 6 p.m.	49	12	Marquette	H	29.99	0.0	SE	4-5	b
"	49	20	Royal George	0	29.53	-1.7	ESE	1-3	0	" 1 p.m.	50	11	Corntham	0	29.95	+0.5	W	6-7	c
"	51	19	Barona	0	29.74	-1.0	SE	10-11	0	" 1 p.m.	51	14	Barona	0	29.86	0.0	NW	8-9	b
"	50	15	Minnewaska	0	29.90	-1.0	SSW	4-5	bc	"	50	11	Minnewaska	0	29.99	+0.5	SW	4-5	b
"	49	12	Vaderland	0	30.03	0.0	SW	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.	
Scot. land. (Oban ...)	In. 0.92	52	41	rg.c.	bcp o.	0.1	Margate ...	In. 0.01	56	44	b	b	7.6
(St. Andrews ...)	0.86	53	43	"	"	4.2	Ramsgate ...	0.06	57	42	"	"	7.9
Eng. N.E. (Harrogate ...)	0.04	50	44	bc.b.	bc.b.	5.3	Folkestone ...	0.04	58	46	b.b.	bc.b.	7.9
(Scarborough ...)	"	54	45	c.b.	o.c.	4.6	Hythe ...	"	"	"	"	"	7.4
Eng. N.W. (Blackpool ...)	0.21	54	48	org.	cu q.	1.3	Littlestone ...	"	"	"	"	"	7.4
(Southport ...)	"	"	"	"	"	"	Hastings ...	0.08	58	45	cp.b.	b	8.0
Mid. lands. (Buxton ...)	0.04	50	40	bc.t.	bc.	5.7	Bexhill-on-Sea ...	0.07	58	47	b	b	7.8
(Leamington Spa ...)	0.01	57	44	bc	bc	6.7	Eastbourne ...	0.16	58	47	b	b	7.2
(Malvern ...)	"	"	"	"	"	5.8	Seaford ...	0.01	58	50	b	b	7.2
Wales. (Rhyl ...)	0.06	53	46	a.b.c.	bc.	4.7	Brighton ...	0.08	57	48	bc.b.	b.b.c.	7.5
(Colwyn Bay ...)	0.18	52	46	b.b.c.	bc	1.8	Worthing ...	0.12	59	43	b	b	7.9
(Llandudno ...)	0.08	55	46	b	b	4.5	Littlehampton ...	0.18	"	"	"	"	8.2
(Bettws-y-Coed ...)	"	54	50	"	"	2.5	Southsea ...	0.07	58	50	b	b.b.c.	7.6
(Aberystwyth ...)	0.15	54	48	o.c.b.	b.b.c.	5.0	Ryde ...	"	57	51	b	b	7.0
(Tenby ...)	"	56	50	bc	bc	3.7	Ventnor ...	0.01	65	48	"	"	7.2
England, E. (Lowestoft ...)	"	55	44	b.b.c.	bc.	7.1	Bournemouth ...	0.06	59	44	bc.b.	bc.b.	7.0
(Felixstowe ...)	0.05	56	44	org.	labem.	7.7	(Weymouth ...)	0.05	59	50	bc	bc	3.9
(Walton-on-Naze ...)	0.01	55	44	bm	bmbm	7.1	Exmouth ...	"	58	46	bc	bc	3.2
(Southend-on-Sea ...)	"	56	45	b	b	6.2	Teignmouth ...	0.10	59	43	bc	bc	4.8
							Torquay ...	0.17	57	45	b	b	5.5
							Paignton ...	0.10	59	41	b.b.c.	b.b.c.	5.5
							Falmouth ...	0.14	58	46	o.c.b.	bc.b.	3.9
							Bude ...	0.20	58	52	c	c.b.c.	2.7
							Ilfracombe ...	0.18	57	50	o.c.b.c.	cr.p.	2.8
							(Weston-super-Mare ...)	0.09	56	48	c.b.	b.b.c.	2.3

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.			Rain-fall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.	Max.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obs.) ...	69	99	3.5	56	36	26	-	c.b.	c.b.	c.b.f
City (Banhill Row) ...	"	"	1.8	"	"	"	"	"	"	"
Westminster (St. James's Pk.)	67	98	2.3	57	38	34	-	bc	bc	bc.f
Camden Sq. (Brit. Rainfall)	68	99	2.5	56	36	36	-	c.b.c.	bc.c.	cf
Hampstead (Reservoir) ...	"	80	3.6	54	41	24	-	bc	bc	bcbm
Richmond Park ...	"	"	2.9	"	"	"	"	"	"	"
Kew. (See front page.)	"	"	"	"	"	"	"	"	"	"
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
Total.				Average Rate.			Max. Rate.			
S. Kensington (Roof of M.O.)				38.4 Joules.			11.2 Milliwatts.			

Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		Night Min. on Grass.	WEATHER.		Sunshine for Yesterday.
		In Screen.	Max.		Night.	Forenoon.	
Dublin to 4 p.m.	0.05	53	43	41	q.b.	b	bc
Plymouth to 9 p.m.	0.06	59	43	36	c.b.	bc	org
Darwen "	0.18	49	43	40	o.c.	bc	bc
Manchester "	0.01	53	44	"	o.c.	bc	cp
Birmingham "	0.04	53	42	36	rg	c	c
Oxford to 8 p.m.	"	"	"	"	"	"	"
S. Kensington (Museum Grounds to 6 p.m.)	0.03	56	44	35	mod bc	b.c.	org

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

4th & 5th Nov. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.56 6.58	G.M.T. 11.37 11.37	G.M.T. 4.18 4.16
Greenwich ...	7.10 7.3	11.44 11.44	4.27 4.25
Wick ...	7.38 7.40	11.56 11.56	4.14 4.12
Valencia ...	7.43 7.45	12.25 12.25	5.7 5.5

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to above 55° in most parts of England and at some Irish and Scottish stations. Rain has fallen in the extreme west and north, but the day was fair to bright over the Kingdom generally; at some southern and south-eastern stations the bright sunshine record exceeded 8 hours. According to wireless reports a southerly gale prevailed in lat. 56° N. Long. 29° W., and moderate winds from the southward to a gale from the south-eastward between the Irish coasts and 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, of 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,
5th November, 1913.

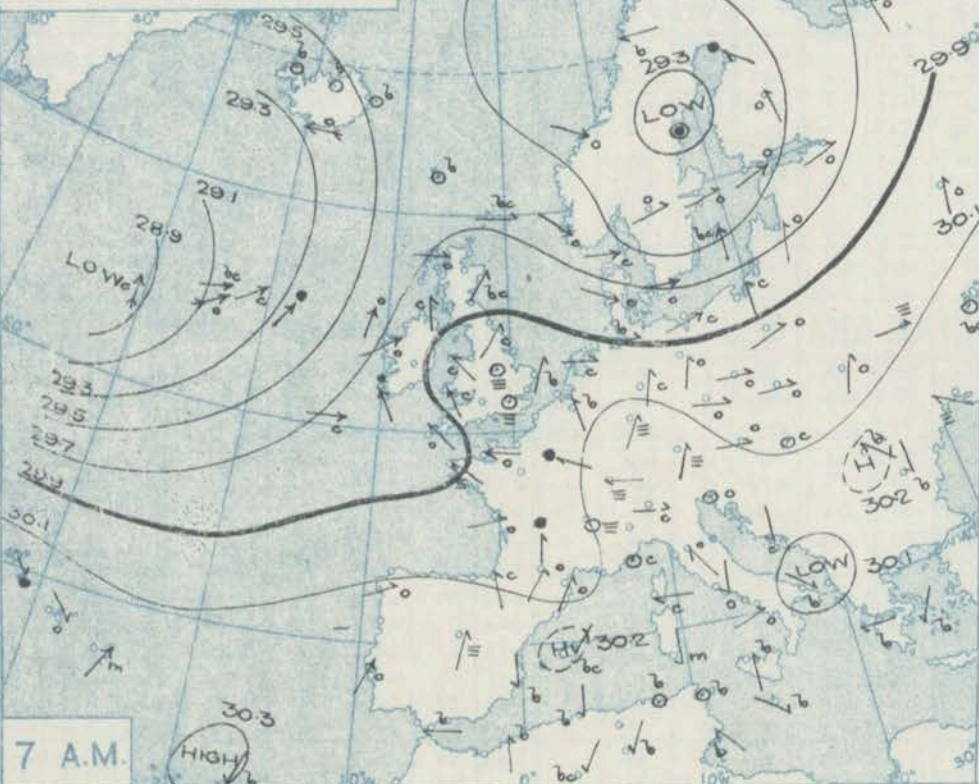
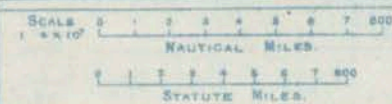
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.						
		At 32° F. and M.S.L. Lat. 45°.	Dry Bulb.	Force (0 to 12).	Dir.		At 32° F. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dir.	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.												Hours			
BRITISH ISLANDS.	Lerwick ...	29.73	48	SSW	2	c	29.48	-0.4	48	+2	SSE	5	ond	3	0.01	51	46	b	bc	o.c.	*			
	Stornoway ...	29.81	50	S	7	og	29.41	-0.1	42	-5	SW	1	bc	1	0.15	51	42	c.c.og	c.og	o.bcp	0.0			
	Castlebay (Barra Isd.)	29.84	51	SSE	5	op	29.43	0.0	50	-1	SSW	3	bc	3	0.13	52	48	o	o.op	o.bcp	0.1			
	Glasgow ...	29.75	47	SSE	3	o	29.55	0.0	44	-3	SW	2	og	2	0.22	50	43	o.c.o	o	o.c.	0.5			
	Malin Head...	29.52	47	SSW	8	r	29.50	-0.1	43	-3	S	6	bcq	6	0.01	50	42	emv	ogrq	og	*			
	Blacksod Point	29.53	48	WNW	2	opm	29.47	-0.1	47	-3	SW	4	cb	3	0.46	55	45	em.cgo	on.opm	ogp	*			
	Valencia ...	29.70	50	W	3	bc	29.60	-0.2	49	-2	SSW	4	bc	5	0.23	56	46	orm	opm	ep	0.1			
	Roche's Point ...	29.69	52	W	3	om	29.67	*	46	-7	W	3	bc	3	0.21	56	45	dmv.f	dmfo	o.b.bc	*			
	Birr Castle ...	29.60	54	SE	1	c	29.60	*	41	+3	S	1	bc	*	0.06	54	38	o	dp	cb.bc	0.2			
	Donaghadee ...	29.70	50	S	3	orm	29.59	*	43	+3	SW	3	bc	3	0.25	53	40	c	orm	om.bc	*			
	Liverpool Obsy...	29.82	48	SE	3	r	29.62	0.0	47	+5	WSW	3	b	3	0.01	52	42	o.c	b	o.c.b	4.6			
	Holyhead ...	29.74	53	S	4	omeq	29.63	-0.2	49	+5	SW	3	om	2	0.15	54	43	o.c.bco	c.op.erm	or.erm	0.6			
	Pembroke (St. Ann's Hd.)	29.74	54	SE	4	r	29.66	-0.4	50	-2	WNW	3	cb	3	0.09	56	50	c	ogp	orm	0.0			
	Newquay ...	29.75	55	S	2	o	29.72	-0.1	50	-2	W	5	opv	4	0.06	57	49	o	ode	ogp.op	0.1			
ICELAND, FAEROE, &c.	Scilly (St. Mary's)	29.77	55	W	3	em	29.74	-0.3	50	-5	W	4	ogp	5	0.02	57	48	adm.	em	em.cgp	0.2			
	Jersey (St. Aubin)	29.85	57	SW	2	c	29.78	*	53	-1	WSW	2	ogm	1	0.05	57	52	adm.	om	ogm	0.0			
	Portland Bill ...	29.84	57	SE	4	opd	29.72	0.0	53	-1	WNW	4	c	3	0.02	57	52	c.o	o	or.de	*			
	Dungeness ...	29.91	55	E	3	o	29.67	*	57	+10	SW	5	cbq	5	0.06	57	46	bc	c	ogp	*			
	Dover ...	29.90	53	SE	3	o	29.63	*	65	+9	SW	4	od	6	0.13	56	48	c.b.b	b.b.b	op.r.d	4.7			
	Wick ...	29.71	50	S	4	o	29.45	+0.1	46	+2	WNW	1	cm	3	0.04	51	43	c	og.og	ogmt	*			
	Nairn ...	29.70	44	SW	1	c	29.47	*	43	-4	SW	1	cu	2	0.04	51	42	o	o.b	ogp	0.1			
	Aberdeen ...	29.77	47	S	2	c	29.48	-0.2	47	+1	-	0	o	2	0.13	53	44	bc.c	bcz	og.og	2.8			
	Leith ...	29.75	48	SSE	1	c	29.52	+0.3	46	-3	WSW	2	o	*	0.13	52	44	oge	og	or	*			
	North Shields	29.83	48	SSE	2	c	29.56	-0.2	46	+1	S	1	o	2	0.05	53	45	og	c	or.o	3.1			
	Spurn Head ...	29.89	50	SSE	4	bc	29.58	-0.5	49	+3	S	4	r	4	0.18	56	43	bc	bc	bc	?			
	Yarmouth ...	29.94	49	S	1	bm	29.65	-0.4	53	+13	S	2	om	1	trace	55	39	bcm	bcm	bc.erm	7.6			
	Clacton-on-Sea ...	29.92	54	SE	2	bc	29.63	-0.4	54	+14	SSW	2	og	2	0.04	54	40	bc.b	b.b	bc.op	7.1			
	Nottingham...	29.88	43	E	1	b	29.62	*	50	+16	WNW	2	opm	*	0.14	54	33	ferm.b	b	bc.o	4.4			
Bath ...	29.85	52	SE	2	o	29.70	*	45	+10	W	4	c	*	0.02	57	35	m.b.c	o	or.c	4.3				
London (Kew Obsy.)	29.89	51	SSE	1	og	29.65	-0.1	52	+16	WSW	2	om	*	0.02	56	35	ferm.b	bc.cog	om.or	4.7				
SCANDINAVIA.	Spitzbergen ...	29.85	19	-	0	o	29.64	-0.1	22	+3	SE	3	S	*	?	22	16	*	*	*	*			
	Isafjord...	29.32	41	SE	4	o	29.32	+0.2	35	+2	-	0	r	*	*	*	*	*	*	*	*			
	Reykjavik ...	29.23	38	-	0	r	29.28	+0.3	31	-7	-	0	b	*	*	*	*	*	*	*	*			
	Vestmanna ...	29.19	37	ENE	2	c	29.26	+0.1	36	-6	-	0	b	3	*	*	*	*	*	*	*			
	Seydisfjord ...	29.45	35	-	0	o	29.30	+0.2	42	+8	E	5	r	*	*	*	*	*	*	*	*			
	Thorshavn ...	29.57	46	S	3	r	29.32	-0.7	46	+9	SSE	5	r	*	*	*	*	*	*	*	*			
	Haparanda ...	29.35	35	N	4	o	29.43	+0.1	33	-4	NNW	2	r	*	0.08	37	30	*	*	*	*			
	Hernösand ...	29.50	37	NNW	2	b	29.58	+0.4	34	-8	-	0	b	*	-	43	32	*	*	*	*			
	Stockholm ...	29.56	43	W	2	o	29.66	+0.4	40	-7	W	2	b	*	trace	50	39	*	*	*	*			
	Wisby ...	29.56	48	W	4	o	29.71	+0.4	45	-4	WNW	2	c	*	0.08	50	45	*	*	*	*			
	Karlstad ...	29.64	42	-	0	o	29.75	+0.2	33	-12	-	0	b	*	-	46	32	*	*	*	*			
	Vardö ...	29.59	37	-	0	b	29.62	0.0	37	0	ESE	2	o	2	?	37	30	*	*	*	*			
	Bodö ...	29.49	42	E	2	b	29.59	+0.4	37	+2	-	0	bc	1	-	41	37	*	*	*	*			
	Christiansund ...	29.65	46	W	2	o	29.68	0.0	44	-4	WSW	2	o	4	0.55	48	43	*	*	*	*			
Skudesnaes ...	29.79	45	-	0	c	29.69	-0.3	46	-1	SE	4	c	3	0.08	50	41	*	*	*	*				
Færder (K'ania Fjord)	29.67	49	WNW	2	b	29.72	0.0	43	-3	NE	1	b	3	-	50	43	*	*	*	*				
The Scaw (Skagen)...	29.73	50	NW	7	b	29.75	+0.1	46	-3	WNW	2	b	0	-	52	45	*	*	*	*				
Blaavands Huk ...	29.90	52	WNW	2	b	29.31	-0.4	49	-2	SSE	1	o	1	-	52	49	*	*	*	*				
GERMANY, &c.	Cuxhaven ...	29.95	50	W	2	bc	29.83	-0.3	44	-5	S	2	o	0	-	54	43	*	*	*	*			
	Berlin ...	29.95	52	W	3	c	29.93	-0.1	41	-6	SW	1	c	*	-	54	41	*	*	*	*			
	Frankfurt ...	30.03	46	SSW	1	bc	29.87	-0.3	45	+2	NE	1	f	*	0.12	59	41	*	*	*	*			
	Munich ...	30.07	48	NW	2	f	29.95	-0.2	44	-5	S	1	o	*	0.04	52	41	*	*	*	*			
	The Helder ...	29.98	46	S	1	o	29.71	-0.8	47	-6	SE	1	m	0	-	55	41	*	*	*	*			
	Brussels ...	29.94	48	SE	1	o	29.74	-0.4	52	+11	SW	3	o	*	trace	58	41	*	*	*	*			
	C. Gris Nez...	29.91	51	SE	3	o	29.69	-0.5	55	+6	SW	6	r	5	0.08	57	49	*	*	*	*			
	La Hève ...	29.88	53	E	3	m	29.76	*	52	+4	WSW	4	o	4	0.08	54	46	*	*	*	*			
	Ushant...	29.87	56	W	5	o	29.83	*	55	-1	W	2	bc	4	0.04	61	50	*	*	*	*			
	Brest (St. Mathieu)...	29.88	57	WSW	3	c	29.80	0.0	55	0	WNW	3	c	4	-	61	54	*	*	*	*			
	Lorient (Beo Melen)...	29.97	57	W	3	c	29.86	*	52	-7	W	3	r	3	0.12	59	48	*	*	*	*			
	Rochefort (Ile d' Aix)	29.95	58	WSW	5	r	29.89	-0.4	57	-2	WSW	4	r	*	0.08	63	57	*	*	*	*			
	Biarritz ...	30.05	63	WSW	1	c	29.94	-0.7	59	-2	ESE	3	c	4	-	68	57	*	*	*	*			
	FRANCE.	Paris ...	29.91	54	ESE	1	o	29.81	-0.2	53	+2	SW	3	o	*	0.28	56	50	*	*	*	*		
Belfort ...		30.01	53	E	2	r	29.93	*	51	+2	WSW	4	o	*	0.43	57	49	*	*	*	*			
Lyons ...		30.04	55	-	0	b	29.99	*	50	-3	-	0	bc	*										

GALES.
Duration and Extreme Force
in British Islands

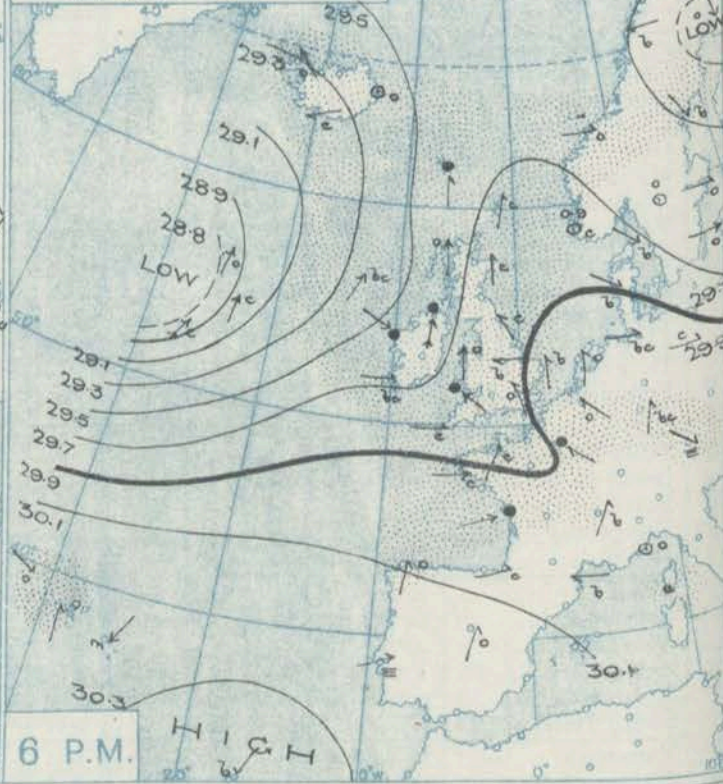
Malin Head. 4 p.m. - 4 a.m.
Extreme SSW. 8.

* Information for these columns not usually received.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 4th November



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.

Large cyclonic systems on the Atlantic and shallow secondary disturbances over

the United Kingdom will maintain the weather in a very unsettled condition for the present.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY

TO NOON THURSDAY.

- 0 { a } S.^y and S.W.^y winds, light or moderate, fresh at times locally;
- 1 { b } variable weather, occasional rain;
- 2 { a } rather mild.
- 3 { b }
- 4 { a } S.W. wind mainly between W. and S.W., light or moderate, fresh at times locally, changeable, some rain;
- 5 { b } fair intervals; 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 Cone.	South Cone.
North Cone.	North Cone.

Cones hoisted at 2.53pm yesterday

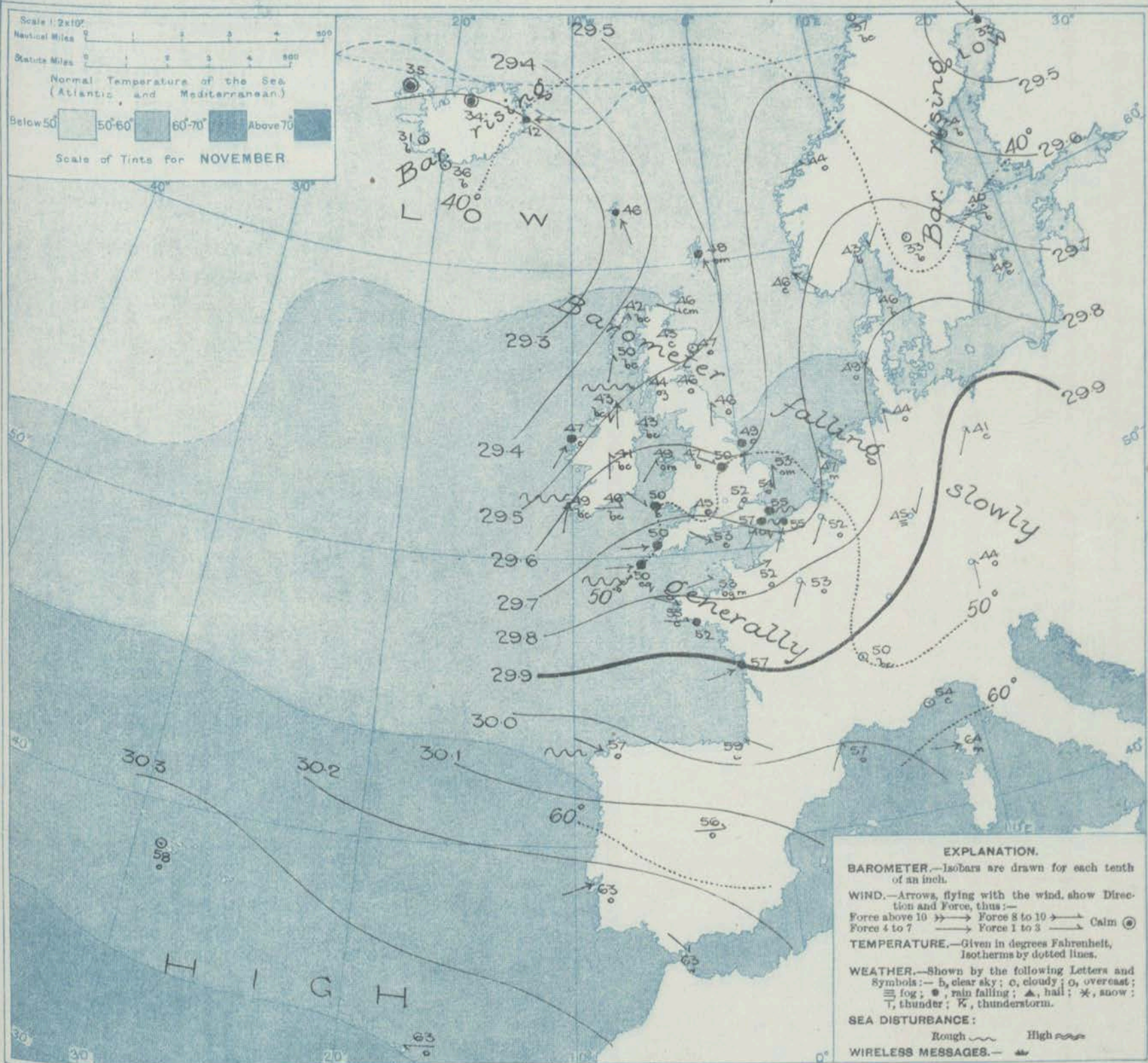
- 6 { a } Same as Nos. 0 to 2.
- 7 { b }
- 8 { a } W.^y to S.^y winds, light or moderate, fresh at times; changeable, some rain, fair intervals; moderately mild.
- 9 { b }
- 10 { a } S.^y and S.W.^y to W.^y winds, varying in force; changeable, rain at times; moderately mild.
- 11 { b }

THE FURTHER OUTLOOK.

11 WESTERN CHANNEL AND BAY.

W.^y to S.^y winds, moderate or fresh; sea rather rough or moderate; changeable, some showers.

SYNOPTIC CHART FOR 7 A.M. Wednesday, 5th NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.3 in. in the Azores region, and above 30.2 in. in the south of Spain, while it is relatively high over the central countries of Europe. In a very large depression having its minimum on the Atlantic to the southward of Iceland the readings are below 29.3 in. Shallow secondary disturbances are passing in an easterly direction over the United Kingdom.

The wind is mainly N.^w over our southern districts, and S.W.^y to S.^o over the Kingdom generally. It blows a strong breeze at Malin Head, and a fresh

breeze in a few other localities, but as a whole it is light or moderate. In the east of Iceland an E^{ly} wind prevails. Temperature has risen quickly over England, fallen somewhat in Ireland and Scotland. It now ranges over these islands from 57° at Dungeness to 42° at Stornoway and to 41° at Burr Castle. Showers are falling in various parts of the British Isles, and also in the west of France, and steady rain is reported in Iceland. Over this country and its immediate neighbourhood the general condition of the weather is very unsettled, and mostly cloudy or overcast.

DAILY WEATHER REPORT.

Wednesday, 5th November, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
4th, 6pm	53	27	Cameronia	O	28.80	00	SW	8-9	c	4th, 1am	54	24	Cameronia	O	29.12	-08	WSW	8-9	c
"	56	24	Empress of Britain	H	28.82	+01	SSW	6-7	O	"	55	21	Parusian	O	29.30	+11	SW	6-7	c
"	54	23	Parusian	O	29.01	-02	SSW	6-7	c	"	55	18	Parusian	H	29.28	+08	SW	4-5	c
"	56	13	Parusian	H	29.44	-01	SW	4-5	bc	"	50	14	Vanderland	O	29.68	+01	W	6-7	c
"	53	30	Andania	O	28.83	-15	S	8-9	c	"	55	10	Mongolian	H	29.67	-02	SSW	6-7	O
"	54	24	Tautonic	O	29.03	-05	WSW	6-7	bc										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot. land.	Oban ...	In. 0.28	F. 51	F. 37	cod	cod	Hr. 0.1	England, S.E.	Margate ...	In. -	F. 56	F. 41	b	b bc.	Hr. 5.9
	St. Andrews ...	-	51	37	"	"	-		Ramsgate ...	-	56	40	"	"	4.7
Eng. N.E.	Harrogate ...	-	51	37	m. bc.	bc. b	2.0		Folkestone ...	-	58	46	c. bc.	bc. o	4.5
	Scarborough ...	-	55	42	c. b	c. b	4.6		Hythe ...	-	-	-	-	-	-
Eng. N.W.	Blackpool ...	-	53	43	c	bc.	5.2		Littlestone ...	-	-	-	-	-	4.7
	Southport ...	-	55	40	b. bc. o.	b. bc. o.	4.0		Hastings ...	-	59	44	bc.	bc. o	2.5
Mid. lands.	Buxton ...	-	59	33	bc.	bc.	4.8		Bexhill-on-Sea ...	-	58	46	c. bc.	bc. o.	3.3
	Leamington Spa ...	-	56	31	bc.	bc.	4.8		Eastbourne ...	-	59	42	bc. b.	bc. o.	1.8
	Malvern ...	-	-	-	-	-	5.8		Seaford ...	-	58	40	bc.	c.	1.3
Wales.	Rhyl ...	-	55	37	c. bc.	bc. c.	4.3		Brighton ...	-	57	40	c.	c. o.	2.9
	Colwyn Bay ...	-	57	42	b	b. bc.	5.0		Worthing ...	-	58	40	c. bc.	bc. o.	2.2
	Llandudno ...	-	56	41	b	bc.	4.3		Littlehampton ...	-	-	-	-	-	2.0
	Bettws-y-Coed ...	-	53	37	"	"	3.5		Southsea ...	0.01	58	41	c. b.	"	6.5
	Aberystwyth ...	-	56	43	o. c.	c. b. o.	3.5		Ryde ...	0.01	57	52	bc.	c. o.	2.0
	Tenby ...	-	54	50	o	bc.	0.3		Ventnor ...	trace	57	52	"	"	2.8
England, E.	Lowestoft ...	-	56	39	b	b	8.0	England, S.W.	Bournemouth ...	-	55	38	c. o.	o	0.6
	Felixstowe ...	-	55	39	bm	bm	8.1		Weymouth ...	-	56	40	bc. o.	o	0.0
	Walton-on-Naze ...	-	54	40	bm. b	b. bc. b	7.4		Exmouth ...	0.02	57	39	bc. b.	c. bc. b.	0.0
	Southend-on-Sea ...	-	57	43	b	b	6.5		Teignmouth ...	-	56	37	o	od	0.0
									Torquay ...	-	57	41	o	o	0.0
									Paignton ...	0.03	56	37	od. o	od	0.0
									Falmouth ...	0.02	56	44	om	omf	0.0
									Bude ...	-	58	51	o	o	0.8
									Ilfracombe ...	0.01	56	45	b. bc. c.	o	2.1
									Weston-super-Mare ...	-	56	40	c. bc. b.	bc. c.	1.1

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.
Greenwich (Royal Obsy.) ...	72	92	6.2	F. 57	F. 40	F. 35	0.01	f. c.	c. bc. b.	o. d. p.	Dublin to 4 p.m.	trace	F. 52	F. 38	F. 35	bc	c	c. op	"	
City (Bunhill Row) ...	"	"	1.9	"	"	"	"	"	"	"	Plymouth to 9 p.m.	0.05	57	41	35	c. b.	o	od	0.0	
Westminster (St. James's Pk.)	70	90	3.6	57	43	40	0.02	f. bc	bc	t. me.	Darwen "	-	50	42	36	bc	bc	bc. ou	4.6	
Camden Sq. (Brit. Rainfall)	76	92	1.5	55	41	41	0.03	f. c.	bc. o.	o. of	Manchester "	-	-	-	-	"	bc	bc. o.	5.6	
Hampstead (Reservoir) ...	"	96	3.1	55	43	42	0.04	o	c. o	of. bc.	Birmingham "	-	54	39	32	"	bc	bc. o.	"	
Richmond Park ...	"	"	7.1	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.							Oxford to 8 p.m.	"	56	38	30	b. of	cf. bc. b.	bc. o.	"	
Kew. (See front page.)																				
S. Kensington (Roof of M.O.)	66	85	2.7	Total.		Average Rate.		Max. Rate.												
				378 Joules.		11.1 Milliwatts.		26 Milliwatts.												
										S. Kensington (Museum Grounds to 6 p.m.) trace 56 41 27 bc. bc. f. c. c. of of. of "										

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

5th & 6th Nov. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 6.58 L.M.T. 6.59	G.M.T. 11.37 L.M.T. 11.37	G.M.T. 4.16 L.M.T. 4.15
Greenwich ...	7.3 7.4	11.44 11.44	4.25 4.24
Wick ...	7.40 7.42	11.56 11.56	4.12 4.10
Valencia ...	7.45 7.46	12.25 12.25	5.5 5.4

Temperatures rose to above 55° in most parts of England and at some Irish stations, and the minimum of the night were above the normal. Rain has fallen very generally, but except at some Irish stations the amount is slight. Much bright sunshine was recorded in the east and south-east of England, about 8 hours at Lowestoft and Felixstowe, and several hours were registered in some other parts of England. According to wireless reports strong winds and gales from the Southward or South-Westward prevailed on the Atlantic as far west as the 30th meridian.

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

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

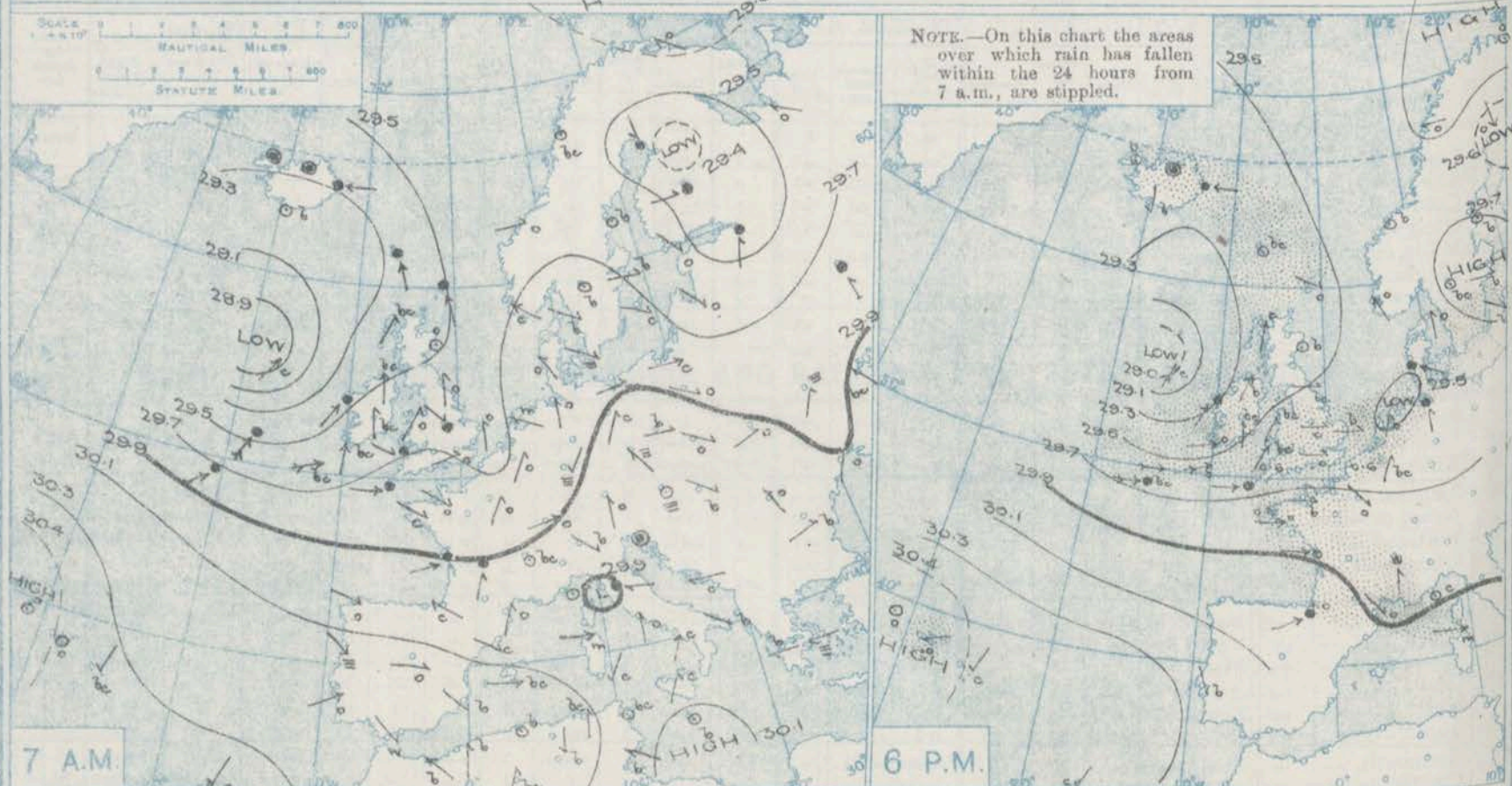
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Observed.

6th November, 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 ...	29.42	43	WNW	1	o	29.40	00	45	-3	WNW	3	c	1	0.16	49	43	pr.c	c.o	og.b.c	*			
Stornoway ...	29.41	43	SSW	5	c	29.40	+02	42	0	SSE	2	b	2	0.02	51	40	bc.cp	cpq	bc	4.1			
Castlebay (Barra Isd.)	29.34	49	S	5	op	29.30	+03	47	-3	ESE	3	o	4	0.19	51	46	bc	cpq	op.b.c	3.0			
Glasgow ...	29.50	43	SE	1	cp	29.36	-01	39	-5	E	3	om	*	0.02	49	37	og.c.b	b.bcg	bp.om	3.8			
Malin Head...	29.35	46	SW	4	bc	29.26	00	41	-2	S	2	c	3	Trace	50	40	bc	bcq	bc	*			
Blacksod Point ...	29.27	49	SW	5	cp	29.22	00	45	-2	S	1	bc	3	0.19	53	38	bc	bcq	cp.b.c	*			
Valencia ...	29.41	43	WNW	4	om	29.31	+01	47	-2	WNW	4	b	6	0.34	52	44	cpv	emp	bc	2.8			
IRISH ISLANDS.																							
Roche's Point ...	29.50	49	W	5	c	29.31	*	44	-2	NW	3	og	3	0.25	53	44	bcq	cp	cp.op	*			
Birr Castle ...	29.43	45	S	2	bc	29.29	*	40	-1	SW	1	c	*	0.01	53	38	bc	bc	cp	6.9			
Donaghadee ...	29.47	46	SW	2	bc	29.30	*	41	-2	SW	1	bc	1	-	52	39	bc	bc	bc	*			
Liverpool Obsy. ...	29.60	40	SSW	3	b	29.36	-04	41	-6	SE	3	d	2	0.02	52	39	bc	c.o	dc.o	3.3			
Holyhead ...	29.53	51	SW	3	bc	29.29	-03	46	-3	S	6	om	2	0.42	53	45	c.b.c	c.b.c	o.c.b.c	5.4			
Pembroke (St. Ann's Hd.)	29.58	50	SW	4	bc	29.35	-04	49	-1	WSW	6	cp	6	0.44	54	46	cp	bc	bcq	2.2			
Newquay ...	29.67	47	WNW	10	op	29.42	-02	47	-3	WSW	5	op	5	0.57	53	44	op.b.c	b.b.c	op.op	2.4			
SCOTLAND.																							
Scilly (St. Mary's) ...	29.65	51	W	5	cpq	29.45	-03	49	-1	W	6	ogpl	7	0.38	54	45	cpq	cpq	cpq	3.5			
Jersey (St. Aubin) ...	29.75	52	W	3	b	29.56	*	49	-4	SW	5	ogw	4	0.12	58	45	o.c.b	cp.b.c	gq.th	3.0			
Portland Bill ...	29.67	50	W	4	bc	29.43	-06	51	-2	WSW	5	c	4	0.10	57	48	cpq	bcw	bcq	*			
Dungeness ...	29.63	51	WNW	2	b	29.51	-04	50	-7	SSW	4	r	4	0.13	57	42	o	o.b.c	bcq.or	*			
Dover ...	29.62	46	W	2	b	29.51	-04	47	-8	SW	4	ct	6	0.05	56	41	o.r.c	c.b.c	b.b.c	1.8			
ENGLAND.																							
Wick ...	29.46	39	SW	2	b	29.41	-01	35	-11	WSW	2	bcw	2	-	52	31	em.b.c	bc.b	c.b.c	*			
Nairn ...	29.45	38	-	0	b	29.40	*	29	-14	-	0	bc	2	-	50	27	bc.b	b	b.c	4.8			
Aberdeen ...	29.47	40	-	0	b	29.41	00	36	-17	WNW	3	bc	2	-	52	30	g.c.b	cp	bcw	2.6			
Leith ...	29.47	42	SE	1	m	29.36	-02	39	-7	SE	2	c	*	-	52	34	o.c.b.c	b.b.c	og	*			
North Shields ...	29.51	46	W	2	bc	29.40	-02	37	-9	SSW	2	m	2	-	52	36	c	c.b	cp.m	*			
Spurn Head ...	29.54	48	WNW	4	m	29.42	-02	40	-9	SSW	3	om	3	0.16	48	38	em	em	em	1.5			
W. COAST OF ENGLAND.																							
Yarmouth ...	29.55	47	W	2	b	29.49	-03	42	-11	SW	2	bc	2	0.02	54	40	cpm	o.b.c	bcw	0.0			
Clacton-on-Sea ...	29.59	48	W	2	bc	29.48	-06	50	-4	SSW	4	c	3	Trace	54	43	og	og.c.b	bc.c.p	0.4			
Nottingham ...	29.59	48	W	3	o	29.41	*	37	-13	SSW	1	c	*	Trace	53	35	om.b	bcop	o.c.b	2.4			
Bath ...	29.66	45	W	1	b	29.43	*	46	+1	SW	3	c	*	0.01	55	40	c.o	p.o.b	b.opc	3.2			
London (Kew Obsy.) ...	29.63	49	W	1	o	29.46	-06	45	-7	S	2	om	*	0.01	55	40	om.o.c	bcop	o.b.c	3.2			
ICELAND, FAEROE, &c.																							
Spitzbergen ...	29.65	19	HN	2	o	29.53	00	25	+3	SW	2	o	*	?	25	10							
Isafjord ...	29.42	36	-	0	o	29.51	+03	38	+3	-	0	o	*	*	*	*							
Reykjavik ...	29.40	37	-	0	b	29.61	+06	37	+6	-	0	o	*	*	*	*							
Vestmanna ...	29.35	36	-	1	b	29.60	+04	32	-4	-	0	b	2	*	*	*							
Seydisfjord ...	29.36	42	-	5	r	29.59	+07	36	-6	-	0	f	*	*	*	*							
Thorshavn ...	29.40	41	-	0	bc	29.47	+02	35	-11	-	0	bc	*	*	*	*							
SCANDINAVIA.																							
Haparanda ...	29.55	33	-	4	o	29.73	+06	32	-1	N	4	o	*	0.04	34	30							
Hernösand ...	29.70	33	-	0	b	29.78	+04	27	-7	-	0	f	*	-	43	25							
Stockholm ...	29.72	38	W	2	b	29.72	+02	31	-9	-	0	o	*	-	45	30							
Wisby ...	29.72	41	HN	2	b	29.69	-01	38	-7	ESE	2	bc	*	Trace	46	37							
Karlstad ...	29.72	32	-	0	bc	29.68	-02	37	+4	-	0	bc	*	-	43	30							
FRANCE.																							
Vardö ...	29.79	36	-	?	o	29.91	+04	34	-3	S	2	o	3	-	37	30							
Bodö ...	29.72	36	E	2	o	29.75	+01	35	-2	E	1	b	1	-	39	34							
Christiansund ...	29.65	43	-	0	b	29.57	-01	37	-7	ENE	1	b	3	-	48	37							
Skudesnaes ...	29.58	49	SSE	6	o	29.44	-03	47	+1	NE	4	o	3	-	49	46							
Færder (X'lanta Fjord) ...	29.67	43	N	2	b	29.59	-01	41	-2	NNE	4	o	2	-	43	41							
The Scaw (Skagen) ...	29.64	49	S	3	o	29.47	-04	47	+1	ESE	6	r	1	Trace	50	45							
Blaavands Huk ...	29.50	46	SE	4	r	29.30	-04	50	+1	SSW	6	o	4	0.24	52	45							
GERMANY, &c.																							
Cuxhaven ...	29.52	48	S	2	r	29.45	+02	47	+3	W	3	o	0	0.12	50	43							
Berlin ...																							
Frankfurt ...																							
Munich ...																							
The Helder ...	29.48	54	SSW	3	o	29.51	+01	51	+4	SW	3	c	3	0.32	54	46							
Brussels ...	29.62	44	SW	2	bc	29.65	00	42	-10	SSE	2	b	*	0.12	55	41							
NETHERLANDS.																							
C. Gris Nez ...	29.62	54	W	5	bc	29.54	-05	48	-7	WSW	4	thr	4	0.59	57	46							
La Hève ...	29.74	52	W	5	o	29.52	*	48	-4	SW	7	o	6	0.08	55	43							
Ushant ...		54	W	5	bc	29.63	*	54	-1	W	6	r	7	0.51	59	45							
Brest (St. Mathieu) ...	29.80	57	W	4	o	29.64	00	56	+1	W	5	c	5	0.24	61	48							
Lorient (Bec Melen) ...		52	NW	4	c	29.72	*	50	-2	W	6	o	7	0.29	61	45							
Rochefort (Ile d'Aix) ...	29.88	57	W	5	r	29.82	-04	54	-3	WSW	7	o	7	0.35	57	52							
Biarritz ...	30.00	57	WSW	6	r	30.01	-01	55	-4	WSW	5	b	6	1.02	66	54							
SPAIN, PORTUGAL, &c.																							
Corunna (8 a.m.) ...																							
Lisbon (8 a.m.) ...	30.29	57	HNW	3	b	30.34	+04	57	-6	NW	3	b	7	-	66	54							
Gibraltar ...	30.25	65	W	3	c	30.23	*	58	-5	NW	3	bc	3	-	67	58							
Azores (Horta, 8 a.m.) ...	30.41	*	ENE	3	o	30.33	+01	63	+5	S	4	c	5	0.04	63	57							
Madeira (Funchal) ...	30.34	64	NE	2	bc	30.32	+01	63	0	NE	2	o	2	-	70	61							

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 5th November.



GENERAL INFERENCE

The general distribution of pressure will continue favourable for the passage of

WEATHER PROSPECTS.

shallow depressions from west to east during the ensuing 24 hours.

FORECASTS FOR THE 24 HOURS NOON THURSDAY

TO NOON FRIDAY.

- 0 { Wind mainly from the E. and S.E., light or moderate; variable weather, some rain and mist, fair periods;
1 { moderate or rather low temperature.

- 2 { Wind S.W. or S.W. by W. to W., light or moderate, fresh at times locally;
3 { changeable, some rain, fair intervals;
4 { moderate temperature.

- 5 {

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

NO WARNINGS ISSUED.

- 6 { Same as Nos. 0 & 1.

- 7 { S.W. to W. winds, light or moderate, fresh locally; changeable, some showers; moderate temperature

- 8 { W. to S.W. winds, fresh or strong to moderate; changeable, some showers; moderate temperature.

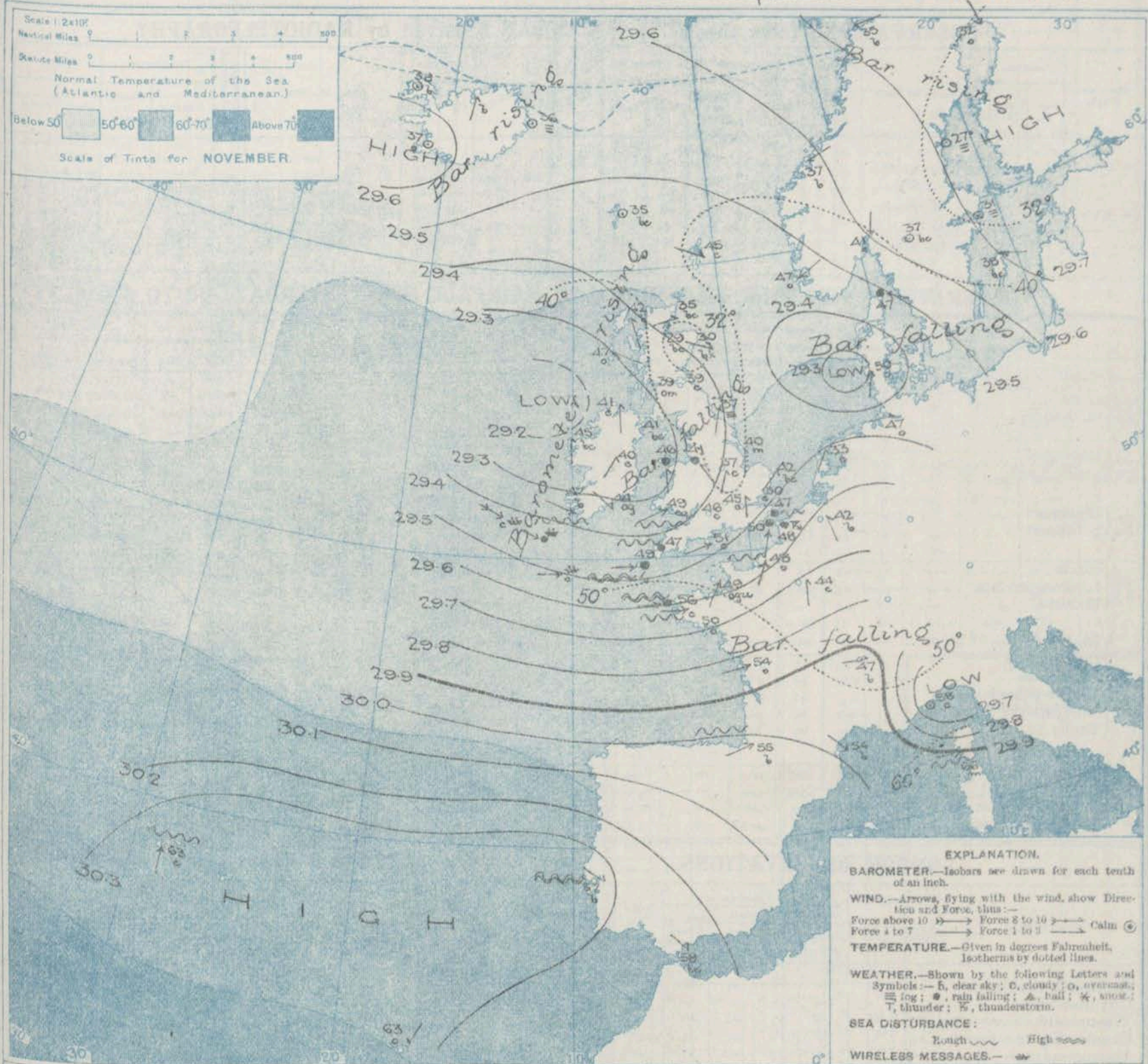
- 9 { Wind varying both in direction and force; changeable weather, some rain; moderate temperature
10 {

11 WESTERN CHANNEL AND BAY.

W. or S.W. winds, strong to moderate; sea rough; some rain, then fair.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Thursday 6th NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.3 in. in the Azores, and above 30.2 in. at Gibraltar, while it is above 29.9 in. in the extreme north of Scandinavia. Over these islands and their immediate neighbourhood it is relatively low, with several local minima. At Blacked Point the reading is 29.22 in., Holyhead 29.29 in., Blaavands Huk 29.3 in., and at Lerwick 29.4 in.

On our S.W. coasts, the Bay and the Channel the wind is fresh or strong from the Wnd or S.W.nd, and a strong wind is reported in Denmark, from the Snd in the

south, and from the S.E.nd in the north. In the north of these islands the wind is light in force and mainly from the S.E.nd. Temperature has fallen very decidedly in Scotland, and frost prevails in the eastern and central districts. Over England and Ireland the readings range from 37° at North Shields and Nottingham to 51° at Portland Bill. Rain is falling at some stations in the northwest, southwest and southeast of England, and in many other districts the sky is cloudy or overcast. In several extreme northern and extreme western localities the sky is nearly clear. Lightning is reported at the Sully Isles, and a thunderstorm at Cape Gris Neg.

DAILY WEATHER REPORT.

Thursday, 6th November, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
6th, 7am	51	11	Montcalm	H	29.54	-0.1	WNW	6-7	r	5th, 6pm	51	10	Arabic	H	29.41	-0.1	WSW	8-9	o
"	51	14	Arabic	H	29.45	+0.1	WNW	8-9	c	"	49	20	Finland	H	29.64	0.0	WSW	8-9	r
"	49	10	Finland	H	29.59	-0.3	W	6-7	o	"	56	18	Empress of Britain	H	28.88	0.0	SW	6-7	c
"	49	16	Lake Michigan	H	29.68	+0.8	W	8-9	r	"	51	18	Montcalm	H	29.48	-0.1	SW	6-7	r
"	50	15	Empress of Britain	H	29.43	-0.1	W	8-9	bc	"	50	13	Lake Michigan	H	29.58	-0.5	WSW	8-9	bc
"	56	13		H	28.97	+0.6	SW	6-7	c										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot. land.	Oban	0.25	52	42	bc	b	6.0	England, S.E.	Margate	0.02	56	48	c	c.bc	0.4
	St. Andrews	0.07	50	38	"	"	3.7		Ramsgate	0.03	55	49	"	"	1.7
Eng. N.E.	Harrogate	0.09	51	42	c.bc	bc.c.bc	1.6	England, S.W.	Folkestone	0.11	55	49	c.bc	b	2.1
	Scarborough	"	54	45	c.b	o.c	3.0		Hythe	"	"	"	"	"	2.5
Eng. N.W.	Blackpool	0.08	54	46	r.o.c	c	2.4	England, S.W.	Littlestone	"	"	"	"	"	2.5
	Southport	0.07	53	47	bc.op.c	c.bc	3.0		Hastings	0.26	56	48	of.bc	c.b	2.6
Mid- lands.	Buxton	0.04	50	42	bc	bc	3.0	England, S.W.	Bexhill-on-Sea	0.17	56	50	o.bc	b.bc	3.0
	Leamington Spa	0.10	54	36	"	3c	4.0		Eastbourne	0.19	58	51	o.c	bc.r	3.2
Wales.	Malvern	"	"	"	"	"	2.2		Seaford	0.02	57	50	c.o	bc.c	4.8
	Rhyl	0.03	51	41	bc.o	c.bc	2.1		Brighton	0.09	57	51	o.c	c.o	5.4
England, E.	Colwyn Bay	0.07	52	47	bc.b.bc	bc	2.0		Worthing	0.09	57	49	c.bc	bc	5.4
	Llandudno	0.08	54	44	c.b	b	2.0		Littlehampton	0.09	"	"	"	"	5.5
England, E.	Bettws-y-Coed	"	55	43	"	p	1.5		Southsea	0.12	58	49	c.b	o.c.b	5.0
	Aberystwyth	0.05	54	46	o.c.o	of.c	2.0		Ryde	0.11	56	49	bc	bc	5.1
England, E.	Tenby	0.09	62	39	o	p	1.5		Ventnor	0.09	"	45	"	"	4.5
	Lowestoft	0.02	54	46	of	o.c.bc	0.0		Bournemouth	0.05	56	44	b.bc	c.b.c	4.8
England, E.	Felixstowe	0.06	54	44	m.o	m.o.b.c	0.0		Weymouth	0.08	57	47	bc	cp.b	2.2
	Walton-on-Naze	0.07	54	45	o	c.b.c.b	0.0		Exmouth	0.02	57	47	bc.c	c.b	2.5
England, E.	Southend-on-Sea	0.01	55	48	o	b	3.0		Teignmouth	0.11	55	47	c.c	c.bc	3.2
									Torquay	0.08	52	46	bc	b	3.7
England, E.									Paignton	0.09	55	44	b.op	b	3.6
									Falmouth	0.15	54	46	op	bc	2.5
England, E.									Bude	0.35	56	47	p	bc.r	0.6
									Ilfracombe	0.53	52	47	r	r.bc.or	2.0
England, E.									Weston-super-Mare	0.05	53	44	b.b.c.r	p.b.c	2.0

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.	a.c.bc	b.c	op.o	Dublin to 4 p.m.	In.	F.	F.	F.	a.p.b.	b	bc.	Hr.							
City (Bunhill Row) ...	64	90	3.6	56	34	28	-				0.03	52	42	40		c.p.b.	b	bc.	3.4							
Westminster (St. James's Pk.)	"	"	2.4	"	"	"	"	"	"	"	0.20	56	45	36		c.b	c.b	bc.	1.2							
Camden Sq. (Brit. Rainfall)	67	85	3.6	57	42	38	-	bc	bc	em.	0.14	50	40	40		of	o.c.	bc	0.6							
Hampstead (Reservoir) ...	62	87	3.3	56	41	39	0.01	a.bc	bc	bc	0.06	53	43	37		of.c	c.bc	c	3.3							
Richmond Park	"	86	3.2	55	40	27	-	bc	bc	c.ox.b	"	54	43	38		"	b	p	"							
Kew. (See front page.)	"	"	3.7	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.															"							
				Total.			Average Rate.			Max. Rate.																
				389 Joules.			11.5 Milliwatts.			27 Milliwatts.																
S. Kensington (Roof of M.O.)	65	80	33	S. Kensington (Museum Grounds to 6 p.m.)															0.02	56	50	46	o.of.o	o.c	c.op	"

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

6th & 7th Nov. 1913.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth	...	6.59	11.37	4.15
	...	7.0	11.37	4.14
Greenwich	...	7.4	11.44	4.24
	...	7.5	11.44	4.23
Wick	...	7.42	11.56	4.10
	...	7.44	11.56	4.8
Valencia	...	7.46	12.25	5.4
	...	7.47	12.25	5.3

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to above 55° in several parts of England, but only to 48° at Spurn Head. Rain fell except in the north-east of Great Britain, the largest measurement being about 0.5 in. at Newquay and Ramoth. At Birr Castle the sunshine record was 6.9 hours, at Oban 6 hours, and at many places in the south-east, south and south-west between 4 and 6 hours. According to wireless reports strong winds and gales from the South-Westward and Westward 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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

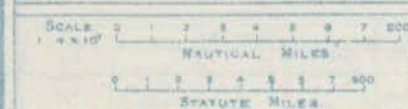
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

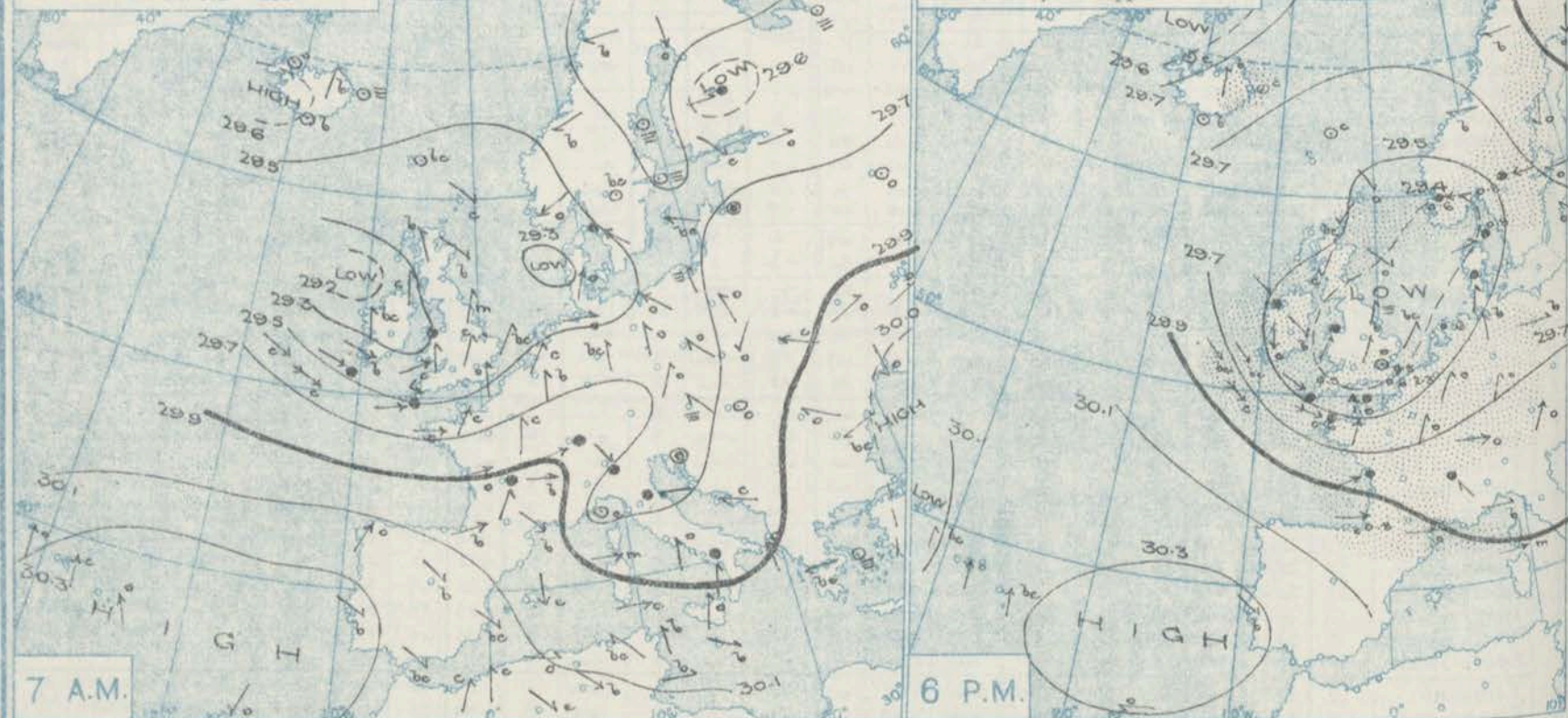
Friday,
7th November 1913.

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 ...	29.47	46	NW	2	agm	29.48	+0.1	45	0	N	3	vg	3	0.43	48	44	c.or	orm	or	6.1		
	Stornoway ...	29.56	42	NE	3	bc	29.65	+0.3	46	+3	NW	3	d	3	-	50	40	b	b.bc	b.o	0.1		
	Castlebay (Barra Isd.)	29.50	46	NNW	2	bc	29.68	+0.5	47	0	NNW	2	o	2	0.24	50	44	h.p.op	op.bc	bc.b.o	0.8		
	Glasgow ...	29.54	42	NE	1	b	29.61	+0.6	39	0	SSW	1	c	3	-	46	38	o.c	e.be	b.be	*		
	Malin Head...	29.43	47	NNE	3	c	29.66	+0.5	48	+7	N	3	c	3	0.19	49	40	and	cmp	cmp	*		
	Blacksod Point ...	29.48	48	NW	2	cp	29.71	+0.1	50	+5	WNW	1	bcp	2	0.09	51	42	bcg	bcg.cp	cmp	*		
	Valencia ...	29.54	49	N	4	c	29.77	+0.2	40	-7	NNE	1	bc	4	0.40	52	40	ph.t.g.	cp.g.	bcp	1.9		
	Roche's Point ...	29.44	46	NW	4	b	29.75	-	44	0	N	2	b	3	0.16	49	42	ogp	r.o.b	b	*		
	Birr Castle ...	29.45	42	NW	1	b	29.72	-	34	-6	S	1	bc	3	-	48	33	bc	b	c.be	5.0		
	Donaghadee ...	29.35	48	N	4	cmpg	29.63	-	42	+1	NNW	2	bc	4	0.14	51	40	cmp	rmq	bc	*		
	Liverpool Obsy.	29.35	43	-	0	b	29.59	+0.5	46	+5	NW	4	bc	3	0.11	47	40	op	c.b.	p.be	1.3		
	Holyhead ...	29.33	47.	SW	1	cp3	29.63	+0.4	50	+4	NW	4	eq	3	0.16	50	45	cp.opc	bc.c.g.	or.be	0.1		
	Pembroke (St. Ann's Hd.)	29.35	47	NW	3	bc	29.66	+0.7	47	-2	NNW	3	cm	4	0.03	52	45	cp	eq	bc	1.0		
	Newquay ...	29.38	49	WSW	5	eq	29.69	+1.0	50	+3	NW	6	cm	6	0.50	50	46	op.be	bc.op	cp.g.	1.7		
	ICELAND, FAEROE, &c.	Scilly (St. Mary's) ...	29.41	49	NNW	7	cp.g.	29.73	+0.5	49	0	NNW	5	bc	7	0.22	51	45	cp.g.	cp.g.	cp.b.c	0.6	
Jersey (St. Aubin) ...		29.46	51	SW	6	ormg	29.64	-	50	+1	WNW	3	c	3	1.02	54	46	ormg.c	ormg.c	bc.c.g.	0.1		
Portland Bill ...		29.37	49	NNW	5	b	29.62	+0.6	46	-5	NNW	4	b	4	0.32	54	44	cp.g.	cp.g.	b.be	*		
Dungeness ...		29.45	50	WSW	5	cp.g.	29.49	+0.5	42	-8	NW	3	cg	3	0.64	51	40	cp.g.	cp.g.	q.b.be	*		
Dover ...		29.40	46	SW	2	or	29.50	-	43	-4	NW	4	c	3	0.52	49	38	c.optr	r.o.c.or	bc.o.o	0.0		
Wick ...		29.44	45	NW	4	c	29.51	+0.1	46	+11	NW	4	cm	4	0.30	47	33	bc.cpd	cm	cm	*		
Nairn ...		29.43	44	-	0	og	29.58	-	42	+13	W	1	cg	2	0.12	45	27	cf.	f.be	cm	2.2		
Aberdeen ...		29.42	44	NW	3	o	29.51	+0.2	45	+15	NW	3	ot	2	0.25	48	30	by	by.cp	c.or	2.1		
Leith ...		29.41	46	NW	1	bc	29.56	+0.6	44	+5	W	1	og	2	0.03	51	39	o.c	c.be	bc.	*		
North Shields ...		29.36	40	SSW	1	f	29.52	+0.3	42	+5	W	1	r	2	0.05	43	36	m	f	f.or	0.0		
Spurn Head ...	29.35	48	S	1	c	29.47	+0.4	43	+3	NW	5	cmg	4	-	49	38	am	c	f.c	1.3			
SCANDINAVIA.	Yarmouth ...	29.37	46	SW	2	bcm	29.46	+0.2	41	-1	WNW	2	bcm	1	-	50	40	om	o.be	bcm	0.3		
	Clacton-on-Sea ...	29.38	49	SSW	4	bc	29.49	+0.7	41	-9	WNW	3	og	2	0.09	52	40	cp.c	c.be	egp.f.o	1.7		
	Nottingham...	29.36	42	SW	1	b	29.57	-	35	-2	W	1	m	-	-	50	30	cm	cm	b.be	1.5		
	Bath ...	29.35	44	SW	3	o	29.65	-	40	-6	W	2	m	-	0.08	52	39	c.be.o	op	orm	2.7		
	London (Kew Obsy.)...	29.36	46	-	0	o	29.58	+1.0	42	-3	NNW	2	om	-	0.05	52	40	om.o.c	bc.c.o	orm.o	2.3		
	Spitzbergen ...	29.80	10	NW	7	b	29.97	+0.4	7	-18	-	0	bc	-	-	25	5	-	-	-	*		
	Isafjord...	29.60	28	-	0	c	29.68	-0.4	34	-4	-	0	b	-	-	-	-	-	-	-	*		
	Reykjavik ...	29.76	39	-	0	o	29.80	-0.1	33	-4	-	0	b	-	-	-	-	-	-	-	*		
	Vestmanna ...	29.76	38	-	0	o	29.75	-0.1	32	+1	-	0	b	-	-	-	-	-	-	-	*		
	Seydisfjord ...	29.73	31	-	0	c	29.78	0.0	35	-1	-	0	r	-	-	-	-	-	-	-	*		
Thorshavn ...	29.50	43	-	0	c	29.62	+0.3	44	+9	ENE	2	o	-	-	-	-	-	-	-	*			
GERMANY, &c.	Haparanda ...	29.43	32	NNE	4	o	30.07	+0.1	28	-4	NE	2	c	-	trace	34	25	-	-	-	*		
	Hernösand ...	29.88	34	NNE	2	o	29.92	+0.3	35	+8	NNE	2	o	-	trace	36	25	-	-	-	*		
	Stockholm ...	29.71	42	E	2	o	29.68	+0.1	44	+13	E	4	o	-	0.04	45	32	-	-	-	*		
	Wisby ...	29.60	44	SE	2	o	29.56	-0.4	44	+6	ENE	2	r	-	0.35	46	38	-	-	-	*		
	Karlstad ...	29.63	41	E	4	r	29.64	+0.2	41	+4	E	2	r	-	0.32	41	34	-	-	-	*		
	Vardö ...	29.99	31	-	0	o	30.01	+0.3	30	-4	WSW	2	c	2	-	34	30	-	-	-	*		
	Bodö ...	29.86	36	E	2	b	29.90	+0.1	34	-1	E	2	b	2	-	37	34	-	-	-	*		
	Christiansund ...	29.56	39	E	1	b	29.58	+0.2	39	+2	SE	1	b	3	-	41	37	-	-	-	*		
	Skudesnaes ..	29.39	46	E	6	r	29.51	+0.1	45	-2	E	6	c	2	0.55	47	43	-	-	-	*		
	Færder (X'ania Fjord)	29.49	43	ENE	6	r	29.54	+0.6	47	+6	SE	5	o	3	0.75	47	41	-	-	-	*		
FRANCE.	The Scaw (Skagen)...	29.41	48	WSW	4	r	29.54	+0.4	46	-1	SSW	2	b	1	0.75	50	45	-	-	-	*		
	Blaavands Huk ...	29.46	50	SSW	2	r	29.49	+0.2	47	-3	S	2	m	2	-	50	45	-	-	-	*		
	Cuxhaven ...	29.52	44	S	2	b	29.50	0.0	44	-3	S	2	m	0	0.04	50	41	-	-	-	*		
	Berlin ...	29.64	46	W	1	b	29.61	+0.1	39	-8	S	1	c	-	0.20	50	37	-	-	-	*		
	Frankfurt ...	29.65	48	SW	1	o	29.65	0.0	44	-	SW	2	o	-	0.04	52	41	-	-	-	*		
	Munich ...	29.78	43	SW	4	o	29.76	+0.1	40	-	SW	2	r	-	trace	46	36	-	-	-	*		
	The Helder ...	29.43	46	S	3	r	29.47	+0.4	41	-10	SSE	2	bc	2	0.55	52	41	-	-	-	*		
	Brussels ...	29.51	44	SW	3	o	29.50	+0.4	44	+2	SSW	1	o	-	trace	49	41	-	-	-	*		
	C. Gris Nez...	29.41	50	SW	6	o	29.47	+0.7	47	-1	NNW	5	c	5	2.25	52	45	-	-	-	*		
	La Hève ...	29.47	49	SW	7	o	29.54	-	47	-1	NW	6	r	6	0.43	52	43	-	-	-	*		
SPAIN, PORTUGAL, &c.	Ushant...	29.55	55	W	6	r	29.76	-	54	0	NW	5	c	7	0.63	55	50	-	-	-	*		
	Brest (St. Mathieu) ...	29.60	48	WNW	8	r	29.76	+0.8	54	-2	NW	6	c	6	0.47	61	46	-	-	-	*		
	Lorient (Bec Melen)...	29.68	50	W	5	r	29.79	-	54	+4	NW	5	c	5	0.79	57	46	-	-	-	*		
	Rochefort (Ile d' Aix)	29.75	54	WSW	7	o	29.76	+0.6	55	+1	NW	8	r	-	0.39	57	48	-	-	-	*		
	Biarritz ...	30.00	54	W	6	o	29.97	+0.4	54	-1	W	7	o	7	0.83	59	48	-	-	-	*		
	Paris ...	29.61	46	SSW	3	b	29.54	+0.2	43	-1	S	1	r	-	0.08	50	42	-	-	-	*		
	Belfort ...	29.76	45	W	4	o	29.72	-	40	-3	WSW	4	r	-	0.08	52	42	-	-				

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 6th November.



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



GENERAL INFERENCE

The shallow depression covering the North Sea seems likely to disperse gradually, and wireless reports from the Atlantic indicate that another low pressure system is

WEATHER PROSPECTS.

approaching the United Kingdom. The force of the wind will therefore decrease, and the direction will return to W. or S.W. during the course of to-morrow.

FORECASTS FOR THE 24 HOURS NOON FRIDAY

TO NOON SATURDAY

- 0 {
a Wind between N.W. and N. today, backing tomorrow, light or moderate; changeable.
b
- 1 {
a some showers, then fair; temperature low, frost in places at night.
b
- 2 {
a
b
- 3 {
a W.S.W. and N.W. winds, light or moderate
b subsequently backing; mostly fair, some local showers; temperature rather low to-day, frost in places at night, with mist or fog.
- 4 {
a
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.

At 7.30 p.m. yesterday North Cone hoisted in Districts 5, and 7 to 11. Lowered at 10 a.m. today in all but 8.

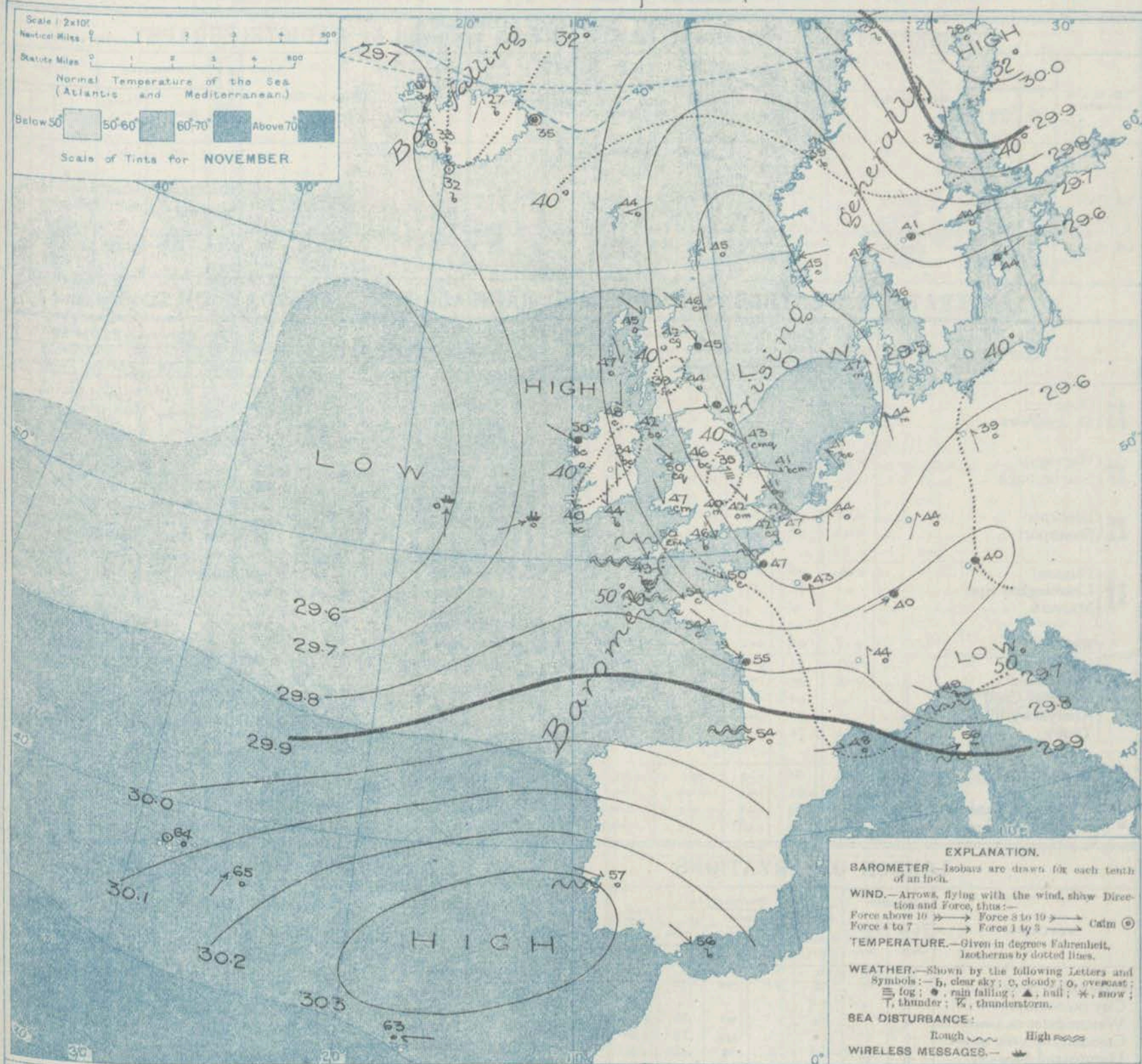
- 6 {
a Same as Nos. 0 to 2.
b
- 7 {
a N.W. and N.W. winds, decreasing in force, backing later; fair or fine generally;
b temperature rather low to-day, frost in places, with fog or mist, at night.
- 8 {
a
b
- 9 {
a Wind returning to W. or S.W., light or moderate; changeable, some showers, mostly fair; temperature rather low, then rising.
b
- 10 {
a
b

11 WESTERN CHANNEL AND BAY.

Strong to moderate N.W. to S.W. winds; sea rough; some showers, but mostly fair.

THE FURTHER OUTLOOK

SYNOPTIC CHART FOR 7 A.M. Friday 7th NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is below 29.5 in. in a depression of decreasing intensity covering the North Sea and the Netherlands. Above 30 in. in the extreme north of Norway, 30.3 in. at Lisbon, and above 29.7 in. in a band of relatively high pressure extending thence across Ireland to beyond Iceland. A wireless report shows that to the westward of Ireland in longitude 20° the barometer is falling.

Over the United Kingdom, the Channel and the Bay of Biscay the wind is mainly N.W. or N.E., light or moderate generally, but fresh or strong on our southwest coasts, and strong to a gale on the Bay of Biscay. Over

Denmark, and Scandinavia the wind is S.W. to E., and light to fresh in force. A moderate S.W. breeze is reported with the falling barometer on the Atlantic. Temperature has risen decidedly in Scotland, fallen in most parts of England. Over the United Kingdom it ranges from 50° at Blackpool Point, Holyhead, Jersey and Boulogne to 35° at Nottingham and 34° at Bir Castle. Showers are falling at some of our northeastern stations and also at Blackpool Point, but generally the weather is fair over these islands. Rain is reported over a considerable area in France and Southern Sweden, as well as at Munich.

DAILY WEATHER REPORT.

Friday, 7th November, 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.	
7th, Jan.	51	17	Olympic	0	29.59	-0.19	S	4-5	0	6th, 6 p.m.	49	12	Philadelphia	H	29.86	+0.2	NW	8-9	c
"	51	12	Merion	0	29.63	-0.01	WSW	4-5	0	"	56	11	Victorian	0	29.61	+0.17	NNE	1-3	bc
"	49	6	Philadelphia	H	29.7	+0.02	NW	6-7	bc	"	51	14	Baltic	H	29.78	0.00	WNW	6-7	c
"	51	15	Arcturion	0	29.82	+0.10	NW	6-7	bc	"	51	17	"	H	29.78	-0.01	WNW	6-7	c
"	51	12	Baltic	H	29.75	+0.01	NW	6-7	bc										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot. land.	Oban ...	In.	F.	F.	c	bc. b.	0.0	England, S.E.	Margate ...	In.	F.	F.	cp	o	0.0
	St. Andrews ...	"	4.8	4.2	"	"	0.0		Ramsgate ...	"	4.9	4.1	cp	o	0.4
Eng. N.E.	Harrogate ...	0.01	39	30	mp. o	om	0.0	England, S.E.	Folkestone ...	0.05	52	39	orli. o	c. or	0.0
	Scarborough ...	"	44	35	of	o. c.	0.0		Hythe ...	0.48	49	42	orli. o	c. or	0.0
Eng. N.W.	Blackpool ...	0.28	47	39	or	c	0.0	England, S.E.	Littlestone ...	0.58	51	41	or	or. c.	0.0
	Southport ...	0.43	45	38	op. c. o	or	0.0		Hastings ...	0.49	52	42	or. c.	op. o	0.1
Mid. lands.	Buxton ...	0.06	45	36	bc. r	bc. th	0.8	England, S.E.	Bexhill-on-Sea ...	0.62	57	43	ow	ow. c.	0.3
	Leamington Spa ...	"	51	37	c. b	c. b.	3.7		Eastbourne ...	0.75	53	40	c	r	0.3
Wales.	Malvern ...	"	"	"	"	"	3.3	England, S.W.	Seaford ...	0.30	52	43	cp	cp. o	0.6
	Rhyl ...	0.10	49	42	"	"	1.9		Brighton ...	0.42	52	39	p	p	1.2
England, E.	Colwyn Bay ...	0.07	51	44	p. bc	bc	2.8	England, S.W.	Worthing ...	0.41	"	"	c. bc.	bc. c. o.	1.5
	Llandudno ...	0.08	50	42	c	bc	2.4		Littlehampton ...	0.15	54	42	c. bc.	bc. c. o.	1.8
England, E.	Bettws-y-Coed ...	"	48	41	"	"	"	England, S.W.	Ryde ...	0.46	52	48	p	p	1.8
	Aberystwyth ...	0.16	51	44	r. o. c.	c. o.	1.7		Ventnor ...	0.25	"	45	"	"	"
England, E.	Tenby ...	0.10	52	40	bc. c.	r. bc.	2.9	England, S.W.	Bournemouth ...	0.23	52	42	c. o. c.	c. o. c.	2.8
	Lowestoft ...	0.02	51	39	op. c.	c. o.	0.6	England, S.W.	Weymouth ...	0.01	53	45	bc. p. c.	cp. b.	2.4
	Felixstowe ...	0.01	51	42	m. op	c. bc.	0.9		Exmouth ...	0.26	56	43	bc. b.	c. b.	2.6
England, E.	Walton-on-Naze ...	0.02	51	41	c. o. c.	c. bc.	0.5	England, S.W.	Teignmouth ...	0.26	52	43	c. bc.	bc	2.2
	Southend-on-Sea ...	"	52	48	bc	bc.	2.0		Torquay ...	0.45	50	43	bc. p.	bc.	3.5
England, E.	Lowestoft ...	0.02	51	39	op. c.	c. o.	0.6	England, S.W.	Paignton ...	0.53	52	40	cp	bc. b.	3.0
	Felixstowe ...	0.01	51	42	m. op	c. bc.	0.9	England, S.W.	Falmouth ...	0.40	51	43	p. q.	bc.	1.6
England, E.	Walton-on-Naze ...	0.02	51	41	c. o. c.	c. bc.	0.5		Bude ...	0.10	53	45	p. q.	bc.	0.2
	Southend-on-Sea ...	"	52	48	bc	bc.	2.0		Ilfracombe ...	0.39	51	46	cp. b.	cp. o.	1.5
England, E.	Lowestoft ...	0.02	51	39	op. c.	c. o.	0.6	England, S.W.	Weston-super-Mare ...	0.35	51	42	bc. b.	bc. r	1.5
	Felixstowe ...	0.01	51	42	m. op	c. bc.	0.9								

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.			Rain-fall.	WEATHER.			Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.	Min. on Grass.		Forenoon.	Afternoon.	Night.	
Greenwich (Royal Obs.) ...	75	86	1.8	53	40	32	0.18	o. c.	c. o.	op. o.	
City (Banhill Row) ...	"	"	0.9	"	"	"	"	"	"	"	
Westminster (St. James's Pk.)	74	86	1.4	53	41	38	0.06	c	c	r. m.	
Camden Sq. (Brit. Rainfall)	71	87	1.6	54	40	35	0.01	c	bc. c.	cp. c.	
Hampstead (Reservoir) ...	"	92	1.8	51	38	26	0.01	c	c	oe. of f. o.	
Richmond Park ...	"	"	2.4								
Kew. (See front page.)											
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.											
Total.				Average Rate.		Max. Rate.					
336 Joules.				10.0 Milliwatts.		141.5 Milliwatts.					
S. Kensington (Roof of M.O.)	71	86	1.3								
Additional Observations for Yesterday.											
Dublin to 4 p.m.	In.	F.	F.	F.	bc	b	bc	2.8			
Plymouth to 9 p.m.	0.36	52	44	35	bc	c. b.	bc	0.0			
Darwen "	0.23	43	37	34	bc. or	or	or	0.0			
Manchester "	0.05	48	40	34	or. c.	c. b. o.	cp. m.	3.9			
Birmingham "	0.01	50	37	31	"	c	c. m.	"			
Oxford to 8 p.m.	"	"	"	"	"	"	"	"			
S. Kensington (Museum Grounds to 6 p.m.)	Trace	52	43	32	or. o	o. c.	c. o. w.	"			

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

7th Nov. 1913.		Sunrise.	Noon.	Sunset.
G.M.T.		G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.0	11.37	4.14	
Greenwich ...	7.2	11.37	4.12	
Wick ...	7.5	11.44	4.23	
Valencia ...	7.7	11.44	4.21	
	7.44	11.56	4.8	
	7.46	11.56	4.6	
	7.47	12.15	5.3	
	7.49	12.25	5.1	

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to above 50° in many parts of the United Kingdom, touching 57° at Eastbourne. Rain has fallen in most districts in this country, as much as 0.5 in. at Newquay, rather more on the south coast of Kent, and 1.0 in. at Jersey. At Cape Gris Nez the amount measured this morning was 2.25 in. At the latter station and also at Dover, Dungeness and Valencia thunder occurred. Several hours of bright sunshine were recorded at Stornoway and Carr castle, and more than 3 hours at some places in the south-west of England and the Midlands. According to wireless reports strong winds or gales from the North-Westward prevailed off Ireland as far as the 16th meridian.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

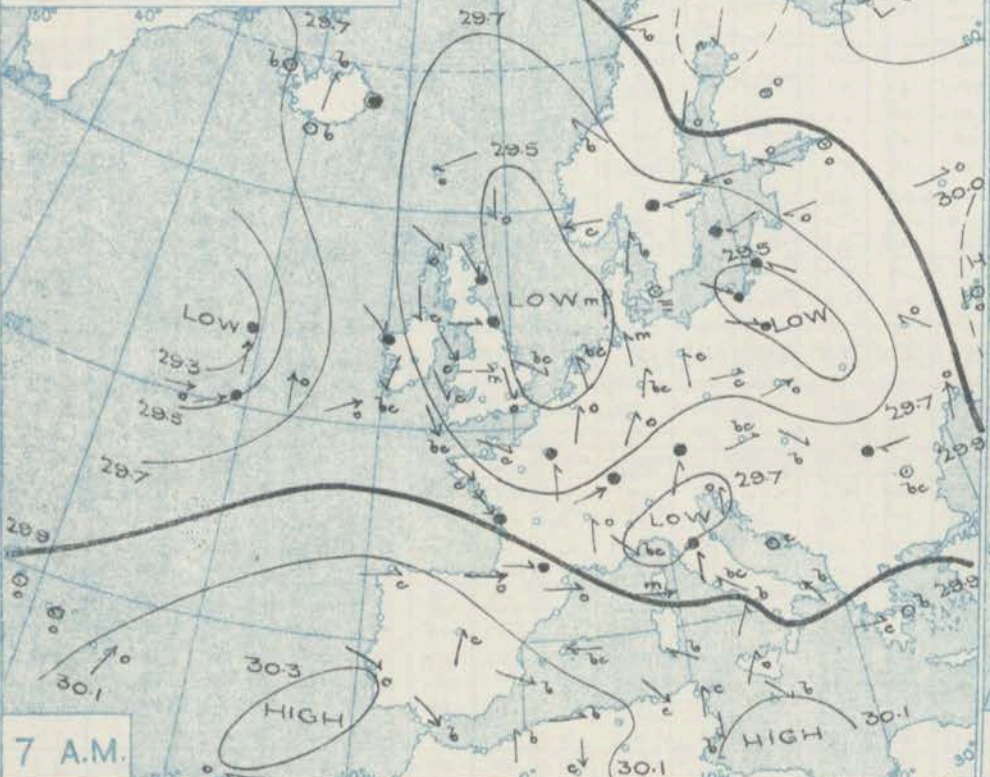
Saturday
8th November 1913.

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° F. and M.S.L. Lat. 45°	Dry Bulb.	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.
		In.	F.	Dir.	Force (0 to 12).	Weather	In.	In.	F.	Dir.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain fall.	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 ...	29.55	47	ENE	2	o	29.56	+01	46	+1	SSW	1	op	3	0.07	47	45	o	o	oyp.m	0	
	Stornoway ...	29.62	46	NW	3	r	29.59	-01	45	0	S	2	o	2	0.02	49	42	o	c.or	o	0.0	
	Castletay (Barra Isd.)	29.63	45	-	0	bc	29.50	-02	47	0	SE	3	o	4	-	49	41	o	o.be	bc.o	0.1	
	Glasgow ...	29.65	41	WSW	1	b	29.59	-01	32	-7	E	1	bcx	*	-	48	31	bc.b	b	by.bc	6.9	
	Malin Head...	29.63	46	S	3	c	29.47	0.00	44	-4	SW	3	r	2	0.25	50	41	cv	cg	omr	0	
	Blacksod Point	29.55	48	SSE	3	bm	29.47	+04	50	0	WSW	3	bc	3	0.16	51	46	bcx	bcx	omr	0	
	Valencia ...	29.51	51	SE	5	omr	29.58	+02	48	+8	SW	2	bc	4	0.63	52	39	f.or	omr	omr	0.7	
	Roche's Point	29.64	52	S	4	o	29.59	*	47	+3	W	3	b	4	0.30	53	42	b.be	bc.c	omr	0.0	
	Birr Castle ...	29.64	46	SSE	1	m	29.53	*	40	+6	SW	1	c	*	0.57	52	34	bc	bc	omr	0.7	
	Donaghadee	29.69	44	N	2	c	29.49	*	50	+8	S	4	omr	4	0.06	51	40	bc	bc	bc.c	0.0	
	Liverpool Obsy.	29.71	46	WNW	3	bc	29.53	-04	42	-4	ESE	4	r	2	0.04	51	40	bc	bc	bop	4.7	
	Holyhead ...	29.70	47	SW	1	bcx	29.45	-06	48	-2	E	4	omr	4	0.14	52	43	bcx	bcx	bcx	6.7	
	Pembroke (St. Ann's Hd.)	29.73	50	SW	3	bc	29.54	+05	51	+4	W	6	bcx	6	0.28	53	49	em	bc	bc	5.1	
	Newquay ...	29.77	47	S	2	c	29.63	+06	52	+2	W	6	bc	5	0.15	53	46	c.bv	bcx	omr	5.1	
	Scilly (St. Mary's)	29.76	52	SSW	3	cv	29.68	+06	52	+3	WNW	5	bcx	6	0.14	55	48	bc	bcx	omr	4.1	
Jersey (St. Aubin)	29.84	52	VR	3	cg	29.71	*	54	+4	WSW	5	bc	4	0.17	56	49	cp.bc	bc	omr	4.8		
Portland Bill	29.76	53	VR	3	bc	29.58	+04	53	+7	W	6	bc	5	0.05	53	46	bc	bc	bc.c	0.0		
Dungeness ...	29.75	45	WNW	3	bc	29.69	-02	53	+11	SSW	5	ou	4	-	54	39	bcx	bc	bop	0.0		
Dover ...	29.73	44	WSW	3	b	29.70	*	52	+9	SSW	5	c	6	0.04	52	40	c.be	b	bcx	3.2		
ICELAND, FAEROE, &c.	Wick ...	29.57	45	W	2	o	29.58	+01	37	-9	WNW	1	em	2	0.04	48	31	omr	omr	omr	0.0	
	Nairn ...	29.59	46	WNW	2	o	29.58	*	32	-10	-	0	bcx	1	0.02	48	31	bc.c	bc	op	0.1	
	Aberdeen ...	29.59	45	WNW	3	c	29.61	0.00	35	-10	W	1	em	2	0.28	47	35	or.c	b	bcx	0.5	
	Leith ...	29.60	44	SW	1	m	29.58	0.00	32	-12	SE	1	em	2	-	51	30	c.be	b	bcx	0.0	
	North Shields	29.62	43	W	2	bc	29.62	0.00	37	-5	SW	2	c	2	0.04	48	35	r	r.c	bc.c	0.8	
	Spurn Head	29.66	47	NW	3	c	29.65	-01	43	0	S	3	m	4	-	48	40	em	c	em	1.6	
	Yarmouth ...	29.67	44	WNW	2	b	29.72	0.00	43	+2	S	2	c	1	-	49	33	bcx	bcx	bcx	2.8	
	Clacton-on-Sea	29.70	46	WNW	2	o	29.68	+03	52	+11	SSE	4	og	3	-	52	40	ogm	bcx	omr	0.2	
	Nottingham...	29.71	46	W	3	b	29.64	*	39	+4	E	1	r	*	0.04	50	32	f.m.c	omr	bcx	0.4	
	Bath ...	29.77	44	W	1	c	29.69	*	49	+9	W	3	r	*	0.15	54	39	m.b.c	c.bm	omr	0.4	
	London (Kew Obsy.)	29.76	46	W	1	bc	29.67	-03	46	+4	S	2	omr	*	0.01	51	37	omr	bcx	bcx	4.9	
	SCANDINAVIA.	Spitzbergen	30.10	8	SE	3	o	30.02	-04	13	+6	SE	6	s	*	0.13	5	-	-	-	-	-
		Isafjord...	29.76	34	-	0	c	29.80	+01	32	-2	NW	2	bc	*	-	-	-	-	-	-	-
		Reykjavik	29.75	35	-	0	b	29.76	+02	27	-6	-	0	b	*	-	-	-	-	-	-	-
		Vestmanna	29.72	38	SE	2	b	29.71	+02	33	+1	-	0	b	*	-	-	-	-	-	-	-
Seydisfjord		29.77	37	-	0	r	29.73	0.00	35	0	-	0	o	*	-	-	-	-	-	-	-	
GERMANY, &c.	Thorshavn	29.63	42	-	0	r	29.60	+01	35	-9	-	0	bc	*	-	-	-	-	-	-	-	
	Haparanda	30.13	19	M	4	b	30.17	+01	23	-5	NE	2	o	*	-	28	19	-	-	-	-	
	Hernösand	29.99	37	-	0	o	30.02	+04	36	+1	-	0	r	*	0.08	39	34	-	-	-	-	
	Stockholm	29.73	43	ENE	6	o	29.83	+04	40	-4	E	6	r	*	0.04	45	39	-	-	-	-	
	Wisby ...	29.58	44	NE	2	r	29.74	+08	41	-3	ENE	2	r	*	0.83	45	39	-	-	-	-	
FRANCE.	Karlstad	29.76	40	E	2	o	29.86	+06	39	-2	ENE	2	c	*	0.08	43	36	-	-	-	-	
	Vardö ...	30.06	32	SW	2	o	30.10	0.00	28	-2	SW	4	bc	3	-	32	27	-	-	-	-	
	Bodö ...	29.91	36	E	4	b	29.92	0.00	35	+1	ENE	4	b	1	-	36	34	-	-	-	-	
	Christiansund	29.65	45	-	0	c	29.76	+03	44	+5	-	0	o	3	-	45	39	-	-	-	-	
	Skudesnaes	29.63	48	E	4	o	29.75	+03	45	0	SSE	4	b	3	-	48	45	-	-	-	-	
SPAIN, PORTUGAL, &c.	Færder (X'ania Fjord)	29.71	44	ENE	4	o	29.83	+04	41	-6	NE	4	o	2	-	48	41	-	-	-	-	
	The Scaw (Skagen)...	29.67	46	E	4	o	29.74	+03	44	-2	ENE	5	r	1	0.35	?	41	-	-	-	-	
	Blaavands Huk	29.62	40	ESE	1	m	29.72	+03	34	-13	ESE	1	f	0	-	48	34	-	-	-	-	
	Cuxhaven	29.63	44	S	2	o	29.71	+02	44	0	SW	2	m	0	0.20	46	43	-	-	-	-	
	Berlin	29.69	43	WSW	2	b	29.80	+04	41	+2	S	1	c	*	0.04	50	39	-	-	-	-	
PORTUGAL, &c.	Frankfurt	29.72	45	SW	1	c	29.89	+07	43	-1	SW	1	c	*	0.04	48	43	-	-	-	-	
	Munich	29.78	41	SW	2	o	29.98	+05	40	0	SW	4	o	*	0.08	45	37	-	-	-	-	
	The Helder	29.62	46	WNW	1	bc	29.76	+01	50	+9	WSW	1	o	2	0.39	50	41	-	-	-	-	
	Brussels	29.74	44	W	2	bc	29.84	+02	41	-3	SW	2	o	*	0.04	47	38	-	-	-	-	
	C. Gris Nez...	29.75	51	WNW	6	o	29.74	-03	46	-1	SSE	4	o	2	0.04	52	45	-	-	-	-	
PORTUGAL, &c.	La Hève	29.81	50	NW	4	o	29.71	*	48	+1	SE	5	r	4	0.08	52	45	-	-	-	-	
	Ushant...	29.79	55	SW	3	o	29.69	*	54	0	NW	4	o	4	0.16	57	46	-	-	-	-	
	Brest (St. Mathieu)	29.89	54	WNW	4	c	29.79	+03	55	+1	WSW	4	c	5	0.12	57	54	-	-	-	-	
	Lorient (Boc Melen)	29.94	54	W	3	o	29.84	*	54	0	W	4	c	5	0.28	57	50	-	-	-	-	
	Rochefort (Ile d' Aix)	29.96	55	NW	5	o	29.89	-02	56	+1	SW	5	r	*	0.32	61	52	-	-	-	-	
PORTUGAL, &c.	Biarritz	30.09	57	W	5	o	29.99	-01	55	+1	SSE	3	r	5	0.08	57	52	-	-	-	-	
	Paris	29.83	45	WSW	3	bc	29.88	-02	41	-2	S	2	r	*	0.04	50	36	-	-	-	-	
	Belfort	29.80	41	WSW	4																	

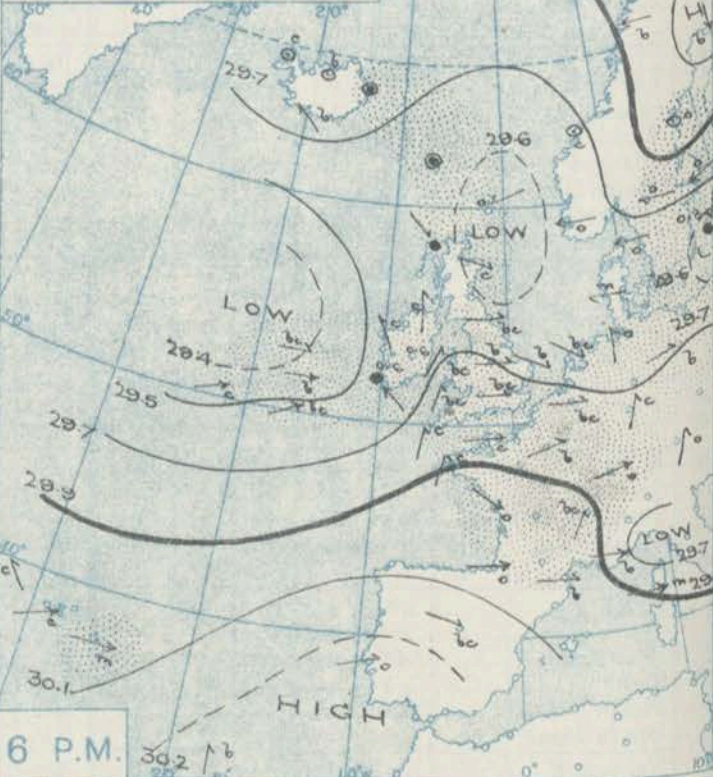
BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 7th November.



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



7 A.M.



6 P.M.

GENERAL INFERENCE

WEATHER PROSPECTS.

The depression now extending from the Atlantic across Ireland and England will occasion rain in most parts of the Kingdom during to-day, and

snow or sleet is not improbable in some Scottish localities. The general distribution of pressure will continue favourable for an unstable type of weather during the next few days.

FORECASTS FOR THE 24 HOURS NOON SATURDAY

TO NOON SUNDAY

- 0 {
a } Wind between S. and E. light to moderate or fresh; some rain, sleet or snow; temperature rising.
- 1 {
b }
- 2 {
a } Wind veering towards W., light to fresh; some squalls, rainy.
- 3 {
b }
- 4 {
a } then finer; temperature not far from normal.
- 5 {
b }

FORECAST DISTRICTS.



STORM WARNINGS.

The Coasts upon which the Warning signals are at present displayed are indicated thus:—
 Signals hoisted yesterday: South Cone. (upward triangle), North Cone. (downward triangle).
 Signals hoisted this morning: South Cone. (filled downward triangle), North Cone. (filled upward triangle).

No WARNINGS ISSUED.

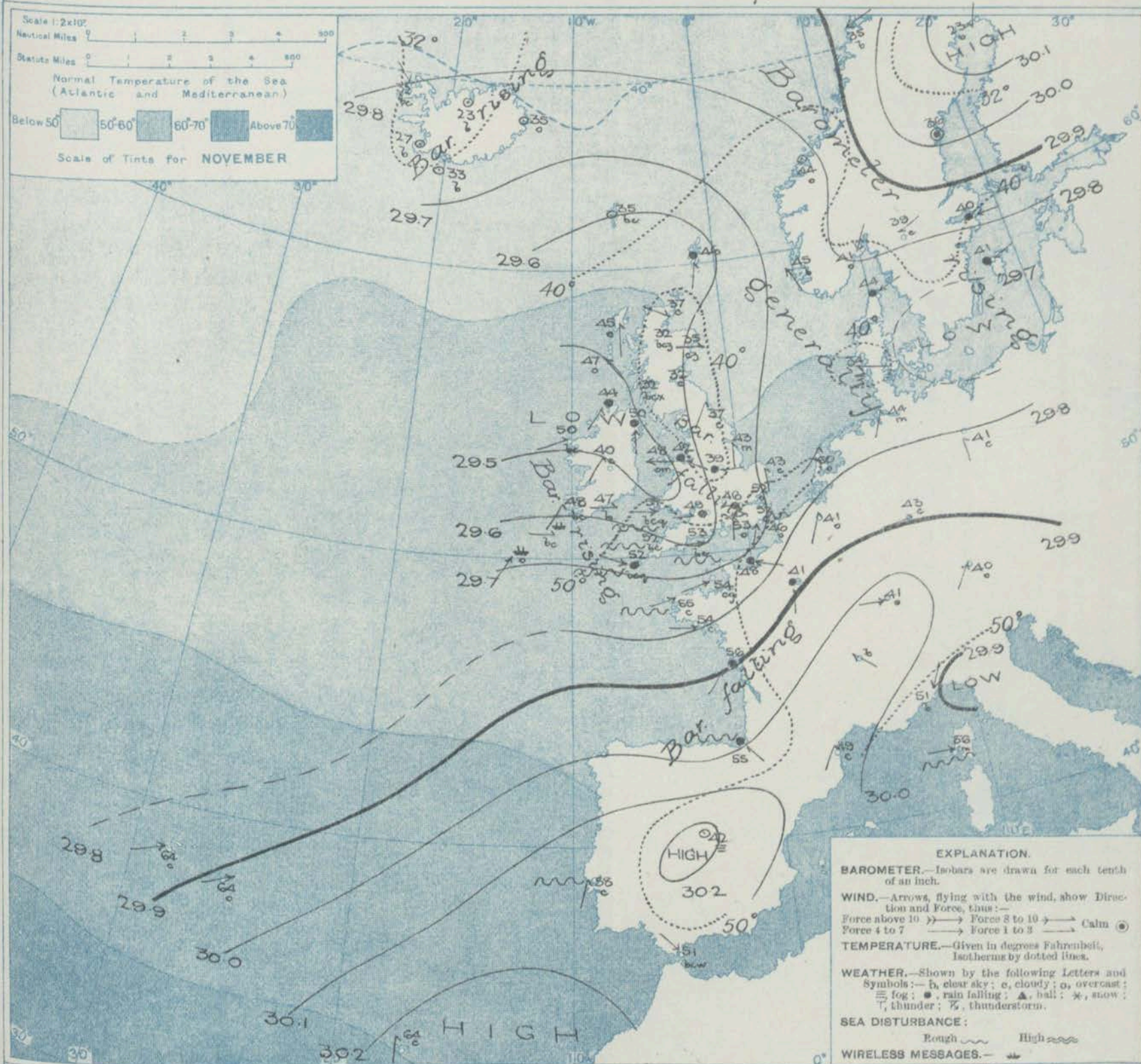
- 6 {
a } Same as Nos. 0 & 1.
- 7 {
b }
- 8 {
a } Wind between W. and S., varying in force; changeable.
- 9 {
b } some rain; moderate or rather mild temperature.
- 10 {
a }
- 11 {
b }

11 WESTERN CHANNEL AND BAY.

W. to S.W. winds, strong to moderate; sea rather rough; changeable, some showers.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Saturday, 8th NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is below 29.5 in. in a V-shaped depression extending from the Atlantic across Ireland to England. In the north of Norway the readings are above 30.1 in., and at Spitzbergen about 30.1 in., while similar values are reported from the Spanish Peninsula.

The wind is moderate to strong from the W. on our southwest coasts and the Bay of Biscay, light or moderate from the S. over the North Sea region, and between S. and E. in the northwest of England, and the west of Scotland. Temperature has fallen

decidedly in Scotland, risen in most parts of England and Ireland. Over a large area in Scotland the thermometer is as low as 32°, but at some Irish stations it stands at 50°, and on the southwest and south coasts of England at 52° or 53°. Rain is falling in several parts of England and the north of Ireland as well as over a large area in France and southern Scandinavia. In Scotland and over the southwest of these islands the weather is fair to bright.

DAILY WEATHER REPORT.

Saturday, 8th November, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. Inward. H.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. Inward. H.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
8th, 7am	50	12	Montezuma	0	29.50	-0.5	SW	6-7	bc	7th, 1pm	51	15	Thurcoan	0	29.31	-0.9	WNW	4-5	r
"	51	10	Royal Edwards	H	29.58	+0.4	W	1-3	bc	"	50	10	Sacilian	0	29.73	-1.2	S	4-5	o
7th, 6pm	50	22	Olympic	0	29.47	-0.2	WSW	4-5	c	"	50	22	Bormana	H	29.42	+0.2	W	6-7	r
"	52	16	Royal Edwards	H	29.40	+0.3	W	1-3	bc	"	50	20	Lake Michigan	0	29.31	-1.7	W	6-7	o
"	50	16	Karmanca	H	29.55	+0.2	WSW	4-5	bc	"	50	20	Arabic	0	29.31	-1.7	W	6-7	o
"	51	15	Armanca	0	29.28	0.0	W	4-5	b	"	53	20	Royal Edwards	H	29.28	-1.0	S	6-7	r
"	49	02	Philadelphia	H	29.83	+0.3	W	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.	
Scot. land.	In.	F.	F.			Hr.	(Margate ...)	In.	F.	F.			Hr.
(Oban ...)	...	51	35	b.c.	b.c.	7.0	(Ramsgate ...)	0.06	51	43	c	b.c.	1.5
(St. Andrews ...)	0.10	50	35	"	"	3.9	(Folkestone ...)	0.05	52	40	"	"	3.0
Eng. N.E.							(Hythe ...)	0.12	50	42	om bc	b.bm.	3.1
(Harrogate ...)	0.01	49	38	b.c.	b	3.7	(Littlestone ...)	"	"	"	"	"	1.0
(Scarborough ...)	"	49	42	o	o	1.2	(Hastings ...)	0.10	49	39	up bc b	b	3.5
Eng. N.W.							(Bexhill-on-Sea ...)	0.10	50	39	o bc b	b	3.6
(Blackpool ...)	0.01	50	37	c bc	bc	6.0	(Eastbourne ...)	0.15	53	40	bc	b	5.6
(Southport ...)	0.02	50	39	bc b.	b.c.	6.2	(Seaford ...)	0.03	53	40	bc	bc	5.5
Mid-lands.							(Brighton ...)	"	51	41	om c	c bc b	5.1
(Buxton ...)	0.01	46	32	bc r	bc	5.0	(Worthing ...)	"	52	40	c bc.	bc.	4.6
(Leamington Spa ...)	"	51	36	c b.	c b.	2.6	(Littlehampton ...)	0.01	"	"	"	"	4.5
(Malvern ...)	"	"	"	"	"	7.7	(Southsea ...)	"	52	40	b.c.	b	4.7
Wales.							(Ryde ...)	0.02	51	44	b	b	4.8
(Rhyl ...)	0.11	52	41	bc	bc	5.0	(Ventnor ...)	"	54	40	"	"	8.0
(Colwyn Bay ...)	0.17	52	43	bc b	bc	3.6	(Bournemouth ...)	"	53	38	b	b	7.5
(Llandudno ...)	0.29	52	42	op	b	3.7	(Weymouth ...)	0.01	53	41	b	b bc	7.0
(Bettws-y-Coed ...)	"	50	34	bc	bc	4.8	(Exmouth ...)	"	55	40	b	b	6.1
(Aberystwyth ...)	0.04	51	37	b.c.	bc o.	6.5	(Teignmouth ...)	0.01	57	44	b bc.	b bc.	5.0
(Tenby ...)	0.06	53	39	b	b	6.3	(Torquay ...)	0.03	55	41	b	bc	5.7
England, E.							(Paignton ...)	0.12	56	42	b bc.	b	5.0
(Lowestoft ...)	"	49	38	c bc c.	bc b.	4.0	(Falmouth ...)	0.16	55	44	r bc.	b	5.1
(Felixstowe ...)	0.33	50	40	cf bc c.	bc m.c.	3.9	(Bude ...)	0.15	55	46	"	"	4.4
(Walton-on-Naze ...)	0.07	49	40	om bc	bc	3.9	(Ilfracombe ...)	0.14	54	44	bc	bc c.	9.2
(Southend-on-Sea ...)	0.16	50	44	bc b.	bc	3.0	(Weston-super-Mare ...)	"	53	37	b	b	7.5

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.																	
	%	%	Hr.	F.°	F.°	F.°	In.					In.	F.°	F.°	F.°				Hr.		
Greenwich (Royal Obs.) ...	68	97	2.0	51	38	28	0.05	b bc	bc	bc o r	Dublin to 4 p.m.	0.03	48	38	34	p.b.	bc	bc.	5.2		
City (Bunhill Row) ...	*	*	1.3	*	*	*	*	*	*	*	Plymouth to 9 p.m.	0.05	55	43	35	ov	c.b.	c.b.	4.9		
Westminster (St. James's Pk.)	64	96	2.3	52	40	35	0.04	bc	bc	bc. r	Darwen	0.01	47	38	33	or. c.	c.b.	c.b.	1.7		
Camden Sq. (Brit. Rainfall)	68	99	4.1	52	38	35	0.06	o bc	bc	b. or	Manchester	0.01	50	35	*	om	bc	bc	2.0		
Hampstead (Reservoir) ...	*	95	4.7	50	40	26	0.09	bc	bc	ex. f. or	Birmingham	*	50	38	25	*	c	c	*		
Richmond Park ...	*	*	4.5	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										Oxford to 8 p.m.	*	51	39	35	or om	om bc b	b
Kew. (See front page.)																					
				Total.		Average Rate.		Max. Rate.													
				334 Joules.		10.0 Milliwatts.		23.5 Milliwatts.													
S. Kensington (Roof of M.O.)	65	96	3.3	S. Kensington (Museum Grounds to 6 p.m.)																	
				0.09 51 40 34 o.o b o o.c b b b bc c																	

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

8th Nov. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.2	G.M.T. 11.37	G.M.T. 4.12
Greenwich ...	7.4	11.37	4.10
Wick ...	7.7	11.44	4.21
Valencia ...	7.9	11.46	4.19
	7.46	11.56	4.6
	7.49	11.56	4.3
	7.49	12.25	5.1
	7.51	12.25	4.59

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to above 50° in most parts of the Kingdom, touching 57° at Tignmouth. Rain has fallen at most stations, more than 0.5 in. in some parts of Ireland. Aurora was observed at Ballybay. Bright sunshine was very prevalent generally, as much as 8.0 hours being recorded at Ventnor. Wireless reports show that a light to fresh wind from the South-Westward or Westward prevailed as far west as the 22nd meridian.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

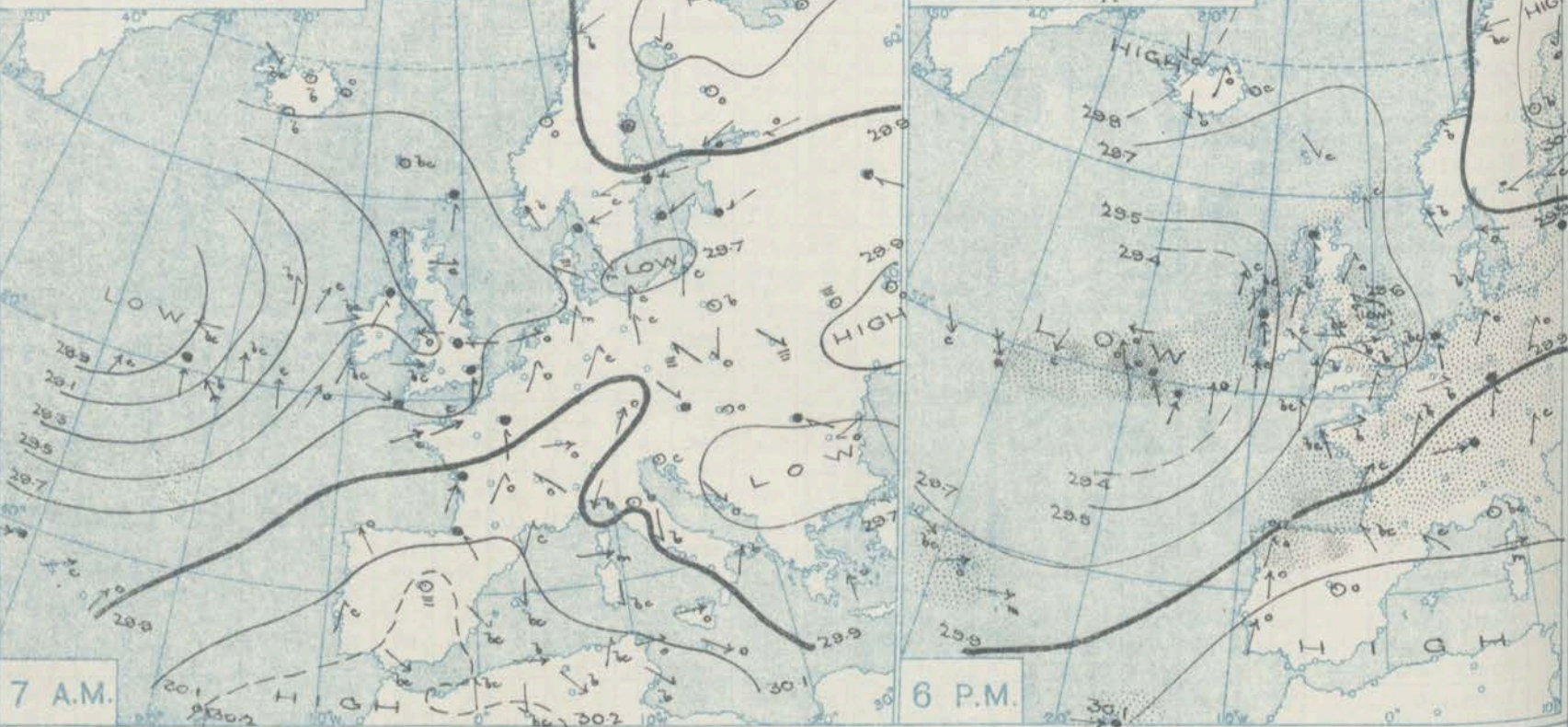
Sunday,
9th November, 1913.

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.	Direc.	Force (0 to 12).				At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Direc.	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.
BRITISH ISLANDS.																								
Lerwick	...	29.62	46	3	1	c	29.73	+0.3	48	+2	S	4	bc	2	0.01	48	43	c	c	cp.c				
Stornoway	...	29.61	46	3	2	d	29.66	+0.1	47	+2	SSE	1	o	0	0.03	47	41	ov	ov.d	cd.co	0.0			
Castlebay (Barra Isd.)	...	29.54	50	SSW	3	bc	29.58	0.0	49	+2	SE	5	o	5	0.20	51	47	op	op.bc	op.bc	0.5			
Glasgow	...	29.65	41	ENE	1	o	29.73	+0.2	38	+6	ENE	2	om	*	Trace	41	31	bc.co	o	o.c.ome	0.1			
Malin Head	...	29.54	45	SSW	3	b	29.54	0.0	46	+2	S	3	bc	2	0.03	51	42	bc	b	cp	*			
Blacksod Point	...	29.45	49	3	4	ogp	29.44	-0.1	50	0	SSE	4	og	3	0.09	55	47	bcy	bcy.cp	ogp.og	*			
Valencia	...	29.47	52	3	5	c	29.35	-0.3	56	+8	SE	5	apm	4	0.07	56	47	c.co.p	op	opm	0.6			
Roche's Point	...	29.59	53	SSW	4	c	29.50	*	54	+7	E	5	om	5	0.15	55	45	bc.c	c	cp.c.op	*			
Birr Castle	...	29.55	49	SE	2	c	29.51	*	50	+10	SE	3	c	*	-	53	39	bc	bc.c	c	4.6			
Donaghadee	...	29.63	44	SVV	2	bc.m	29.64	*	51	+1	S	3	cp	3	0.36	51	42	om.v	cm.bcm	bc.cp	*			
Liverpool Obsy.	...	29.68	47	SVV	5	b	29.70	+0.1	39	-3	SE	3	b	2	0.12	52	39	p.o.b	c.b	b	0.5			
Holyhead	...	29.69	49	SVV	2	bcy	29.70	+0.1	46	-2	SSE	2	bv	2	0.01	53	46	c.bcy	b.bcy	bc.cp.d	4.7			
Pembroke (St. Ann's Hd.)	...	29.67	52	SSW	4	b	29.61	-0.2	52	+1	SE	4	og	4	Trace	55	51	bcy	bc	c	4.6			
Newquay	...	29.70	47	S	2	b	29.59	0.0	52	0	SE	2	bc	3	-	55	43	b	b	b.bc	6.1			
Scilly (St. Mary's)	...	29.67	53	S	3	bc	29.57	0.0	53	+1	SE	4	c	4	-	56	50	bc.m	bc	bc.c	6.6			
Jersey (St. Aubin)	...	29.80	50	WSW	2	bm	29.69	*	54	0	SSE	3	c	3	Trace	59	43	bc	b	bm.co.c	7.2			
Portland Bill	...	29.75	54	WSW	4	bc	29.69	-0.3	54	+1	SE	5	c	4	-	55	53	bc	bc	bc	*			
Dungeness	...	29.73	50	W	4	b	29.77	0.0	52	-1	ENE	3	b	3	0.09	56	39	op.q	o.c	bc.b	*			
Dover	...	29.72	45	SVV	2	b	29.77	*	48	-4	S	1	bm	4	0.10	55	39	or.bc	bc.b	bm.c	3.2			
Wick	...	29.60	46	SSE	4	bc	29.71	+0.3	47	+10	SSE	2	cm	2	-	48	37	cm.bc	bc.m	bc.m	*			
Nairn	...	29.63	36	-	0	cm	29.70	*	33	+1	-	0	cg	1	Trace	44	29	bc.m	cm	bcy	0.0			
Aberdeen	...	29.65	40	SW	1	o	29.73	+0.2	48	+13	SSE	3	o	2	0.02	48	35	cg.bc	cg.co	op.o	0.6			
Leith	...	29.63	43	NW	1	r	29.70	+0.4	41	+9	-	0	f	*	0.05	45	31	cf.o	adm	adm	*			
North Shields	...	29.60	47	ESE	3	o	29.73	+0.2	41	+4	SW	2	o	2	0.10	47	35	f.r	f.r	r.o	0.0			
Spurn Head	...	29.58	47	SW	3	o	29.73	+0.5	42	-1	W	3	bm	2	0.07	48	40	or	or	od	0.0			
Yarmouth	...	29.63	48	S	2	bc	29.78	0.0	38	-5	SW	1	bc	1	0.11	51	33	cr.o	om.bc	om.b	0.0			
Clacton-on-Sea	...	29.68	48	W	2	c	29.78	0.0	47	-5	WNW	1	bc.m	0	0.02	53	39	ogp.q	o.b.c	bm.b	1.5			
Nottingham	...	29.65	47	W	4	b	29.77	*	30	-9	WSW	1	f	*	0.10	50	29	r.om	o.c.b	b	0.0			
Bath	...	29.74	47	W	1	b	29.75	*	35	-14	NE	3	b	*	0.01	55	32	o.b.bc	bc.b	m.b	3.5			
London (Kew Obsy.)	...	29.74	47	SW	3	b	29.77	0.0	34	-12	-	0	bf	*	0.04	54	33	om.cbc	b.bc.b	b.bm.f	4.2			
ICELAND, FAEROE, &c.																								
Spitzbergen	...	29.86	27	SE	2	s	29.78	0.0	24	+11	-	0	o	*	*	27	13							
Isafjord	...	29.84	34	N	3	c	29.91	+0.4	31	-1	-	0	b	*	*	*	*							
Reykjavik	...	29.77	32	-	0	b	29.84	+0.4	27	0	-	0	b	*	*	*	*							
Vestmanna	...	29.71	33	N	1	b	29.79	+0.3	30	-3	-	0	b	1	*	*	*							
Seydisfjord	...	29.75	35	-	0	c	29.84	+0.2	35	0	SW	1	c	*	*	*	*							
Thorshavn	...	29.63	36	NNW	2	c	29.72	+0.3	40	+5	-	0	o	*	*	*	*							
SCANDINAVIA.																								
Haparanda	...	30.19	22	NE	2	o	30.14	-0.2	27	+4	S	2	o	*	Trace	27	21							
Hernösand	...	30.11	34	-	0	o	30.13	+0.1	33	-3	-	0	s	*	0.04	37	33							
Stockholm	...	29.98	38	ENE	2	c	30.04	+0.4	37	-3	E	2	r	*	0.04	41	36							
Wisby	...	29.83	40	NE	2	r	29.99	+0.1	38	-3	ENE	2	r	*	0.20	43	37							
Karlstad	...	29.98	39	ENE	2	o	30.06	+0.4	36	-3	NNE	2	c	*	-	41	34							
Vardö	...	30.13	24	S	4	bc	29.99	-0.4	26	-2	ESE	4	b	3	-	28	25							
Bodö	...	29.95	36	E	4	bc	29.92	0.0	36	+1	ENE	4	c	2	-	37	32							
Christiansund	...	29.82	43	E	1	b	29.89	+0.3	43	-1	SSE	1	o	4	-	46	39							
Skudesnaes	...	29.84	46	SSE	2	b	29.93	+0.2	43	-2	SE	4	c	2	-	48	41							
Færder (K'iania Fjord)	...	29.91	41	ENE	5	o	29.99	+0.2	41	0	E	4	o	2	-	43	41							
The Scaw (Skagen)	...	29.83	45	ESE	5	o	29.92	+0.6	45	+1	E	3	o	0	0.04	45	41							
Blaavands Huk	...	29.79	40	NE	1	b	29.86	+0.2	40	+6	NE	1	o	1	-	43	32							
GERMANY, &c.																								
Cuxhaven	...	29.78	46	SW	2	o	29.82	+0.2	41	-3	SE	1	o	0	0.20	50	39							
Berlin	...	29.86	45	SW	2	o	29.89	+0.1	38	-3	S	1	c	*	0.04	48	37							
Frankfurt	...	29.91	46	SW	1	r	29.94	+0.3	41	-2	W	1	f	*	0.04	46	41							
Munich	...	30.03	39	SSW	2	c	30.01	+0.1	43	+3	SW	3	c	*	0.08	45	37							
The Helder	...	29.74	46	S	3	r	29.78	+0.2	51	+1	WSW	4	c	2	0.04	52	46							
Brussels	...	29.78	47	WSW	3	b	29.85	+0.1	39	-2	SE	2	b	*	0.04	47	37							
FRANCE.																								
C. Gris Nez	...	29.75	53	WSW	6	b	29.80	-0.1	46	0	SSE	4	b	2	0.08	55	45							
La Hève	...	29.80	53	W	4	o	29.77	*	49	+1	SE	3	r	3	0.04	55	45							
Ushant	...	29.76	54	S	4	bc	29.64	*	57	+3	S	3	o	5	-	59	52							
Brest (St. Mathieu)	...	29.78	55	SSE	3	bc	29.68	-0.1	57	+2	SSW	4	o	5	0.12	59	52							
Lorient (Bee Meien)	...	29.79	54	S	3	o	29.66	*	57	+3	SW	3	r	4	0.12	59	50							
Rochefort (Ile d'Als)	...	29.87	58	SW	5	c	29.82	0.0	54	-2	S	4	o	*	0.28	59	54							
Biarritz	...	29.95	58	SSE	3	bc	29.87	-0.1	60	+5	SSE	3	b	3	0.08	61	57							
Paris	...	29.85	46	SSW	2	b	29.83	-0.1	52	+11	SSW	3	o	*	0.24	55	39							
Belfort	...	29.94	45	VV	4	r	30.01	*	47	+6	W	2	o	*	0.39	49	41							
Lyons	...																							
Nice	...	30.00	49	-	0	bc	30.09	+0.1</																

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 8TH NOVEMBER.

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.

FORECASTS FOR THE 24 HOURS NOON

TO NOON

0 { a
b

1

2 { a
b

3

4 { a
b

5

None Issued

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

6 { a
b

7 { a
b

8 { a
b

9 { a
b

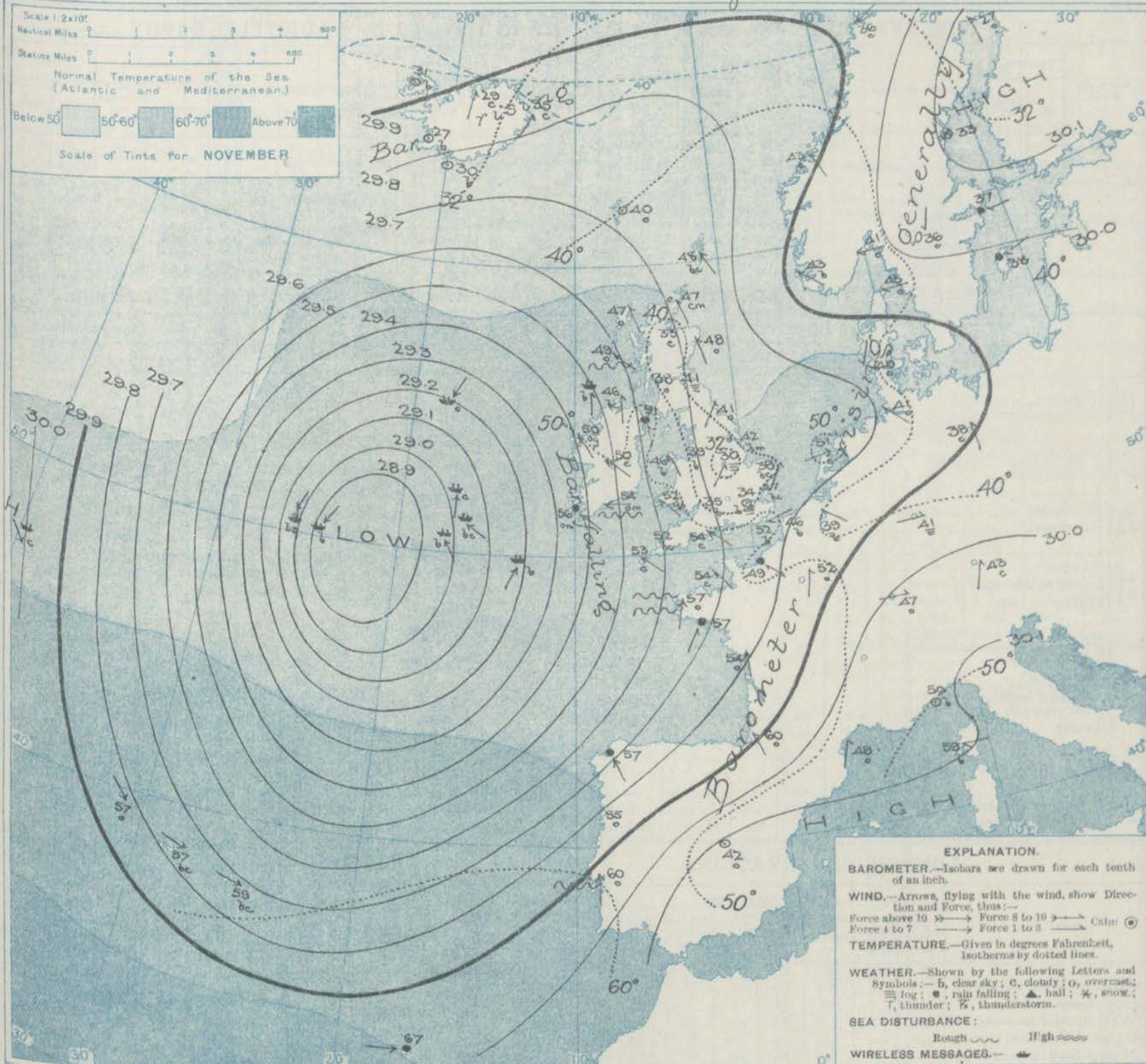
10 { a
b

None Issued

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Sunday, 9th NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The greater part of the region under observation is covered by an extensive low-pressure system, the central space of which, with the barometer below 28.9 in., is found out on the Atlantic, in about 49° N., 22° W. Pressure is highest, above 30.1 in., on the Gulf of Bohemia, nearly as high in Corsica. There is a considerable gradient over the Ocean, but over Europe and Iceland it is slight.

Light to moderate Southerly to South-Easterly breezes are reported very generally, but light Westerly airs over Eastern England, calms in Iceland. At the home stations temperature ranges from 30° at Nottingham to 56° at

Valencia; on the Continent from 26° at Vardö to 60° at Biarritz and Lisbon; and in Iceland from 27° to 35°. At Spitzbergen the reading is 24°. Fair to fine weather prevails extensively on land and at sea, but rain is falling at a few foreign stations, snow at Hérnösand, and locally the air is misty to foggy. The sea is rather rough off Fastabay, Queenstown and Brittany, moderate to very smooth elsewhere.

DAILY WEATHER REPORT.

Sunday, 9th November 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward Homeward	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward 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 7 a.m.	49	13.	<i>Memneapolis</i>	H	29.02	+0.04	SSW	6-7	b.	8th 6 p.m.	50	18.	<i>Sicilian</i>	O	29.00	-0.13	SSE	6-7	r.
8th 6 p.m.	49	35	<i>Olympic</i>	O	29.26	+0.12	NNW	6-7	c.	"	49	17	<i>Memneapolis</i>	H	28.63.	-0.19	SSW	6-7	bc.
"	48	31	<i>Lusitania</i>	H	28.95	-0.01	NNW	8-9	r.	"	35	10	<i>Caledonia</i>	H	29.22.	+0.01	SW	4-5	c.
"	50	27	<i>Lake Michigan</i>	O	28.85	+0.03	NNE	4-5	c.	"	49	29	<i>Olympic</i>	O	29.88	-0.07	SW	4-5	bc.
"	51	21	<i>Cedric</i>	O	29.53	-0.15	S	6-7	c.	"	52	23	<i>Ausonia</i>	H	29.16	+0.05	E	4-5	b.
"	52	20	<i>Ausonia</i>	H	29.21	+0.17	E	4-5	c.	"	49	22.	<i>Memneapolis</i>	H	29.96	-0.02.	SSE	8-9	bc.
"	50	20	<i>Memor</i>	H	28.69	-0.18	S	4-5	c.	"	51	19	<i>Memor</i>	O	29.20	-0.02.	S	4-5	bc.
"	55	16	<i>Caledonia</i>	H	29.10	+0.22	SSW	1-3	b.	"	50	15	<i>Sicilian</i>	O	29.41	-0.06	S	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.	
Scot. land. { Oban ... { St. Andrews ...	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
Eng. N.E. { Harrogate ... { Scarborough ...	0.19	43	32	mr	dm.	0.0	Ramsgate ...	0.05	54	39	p	bc.	0.9
Eng. N.W. { Blackpool ... { Southport ...	0.13	48	38	or	c	0.0	Folkestone ...	0.07	52	38	*	*	2.5
Mid- lands. { Buxton ... { Leamington Spa ... { Malvern ...	0.11	50	38	or. cpe	sp. o.	0.0	Hythe ...	0.14	56	48	r. bc. b	bc.	3.4
Wales. { Rhyl ... { Colwyn Bay ... { Llandudno ... { Bettws-y-Coed ... { Aberystwyth ... { Tenby ...	0.23	46	33	bc. or.	cr.	0.0	Littlestone ...	*	*	*	*	*	3.7
England, E. { Lowestoft ... { Felixstowe ... { Walton-on-Naze ... { Southend-on-Sea ...	0.15	53	36	bc. or.	cr.	1.5	Hastings ...	0.15	55	41	sp. bc. b	bc.	4.7
	0.07	52	37	c. o.	c. bc.	1.2	Bexhill-on-Sea ...	0.16	56	41	r. bc. b	b.	5.5
	0.11	52	44	r. o. c	c. b.	6.7	Eastbourne ...	0.18	56	39	bc	b.	5.0
	0.02	54	40	m. op.	cm.	1.1	Seaford ...	0.17	55	39	bc	b.	5.5
	0.02	54	41	r. op. bc.	or. b. bc.	2.2	Brighton ...	0.11	55	40	sp. o. c	c. bc. b.	6.0
							Worthing ...	0.13	59	37	r. bc. b.	b.	6.9
							Littlehampton ...	0.10	*	*	*	*	6.8
							Southsea ...						
							Ryde ...						
							Ventnor ...						
							Bournemouth ...	0.23	56	42	b	b.	7.3
							Weymouth ...	0.16	55	43	b	b.	7.2
							Exmouth ...						
							Teignmouth ...	0.21	57	44	b	bc. b.	7.1
							Torquay ...						
							Paignton ...	0.30	58	42	b	bm.	7.0
							Falmouth ...	0.27	56	46	r. b	bc.	7.2
							Bude ...	0.06	57	43	p. bc.	bc.	6.5
							Ilfracombe ...		55	47	b	b.	6.5
							Weston-super-Mare ...						

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.																				
	%	%	Hr.	F.	F.	F.	In.					In.	F.	F.	F.				Hr.	
Greenwich (Royal Obsy.) ...	61	98	3.9	54	36	25	0.01	c. bc	bc	bc x		Dublin to 4 p.m.	0.32.	51	42.	39	c. or.	c. b	bc.	6.8
City (Bunhill Row) ...	*	*	2.3	*	*	*	*	*	*	*		Plymouth to 9 p.m.	0.35	57	46	41	c. bc	bc	c. b.	0.0
Westminster (St. James's Pk.)	62	85	3.4	55	36	32	-	ex. bc.	bc. om	bc. b.		Darwen "	0.20	47	36	33	c. or.	or	om	0.0
Camden Sq. (Brit. Rainfall)	68	100	3.9	55	34	31	0.02.	om. c	bc. b.	b. bc.		Manchester "	0.17.	51	39	*	bm. or.	or	or. o	0.0
Hampstead (Reservoir) ...	*	77	3.6	53	39	21	0.04	bc	or	bc.		Birmingham "	0.12.	52	39	33.	*	r. c	c.	4.6
Richmond Park ...	*	*	4.1									Oxford to 8 p.m.	*	54	40	31	bc. or.	or. bc.	bc. b.	*
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.)	63	81	3.0	299	Joules.	9.0	Milliwatts.	30.0	Milliwatts.											
	S. Kensington (Museum Grounds to 6 p.m.)																			
	0.05.	54	42	29	c. or	or. o.	c. b.	*												

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

STATIONS.	Sunrise, Noon, Sunset.		
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.4	11.37	4.10
Greenwich ...	7.6	11.37	4.8
Wick ...	7.9	11.44	4.19
Valencia ...	7.11	11.44	4.17
	7.49	11.56	4.3
	7.51	11.56	4.1
	7.51	12.25	4.59
	7.53	12.25	4.57

NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 59° at Jersey and Worthing, and to 55° or above at various other southern stations, but did not exceed 41° at Larn and Glasgow. Rain fell in most places, as a rule in very small amounts. The duration of bright sunshine was very variable, some stations returning none or less than an hour, others more than 7 hours. As far west as the 36th meridian there was a complete cyclonic wind circulation, very few ships experiencing gale force, the weather being fine to dull and showery.

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

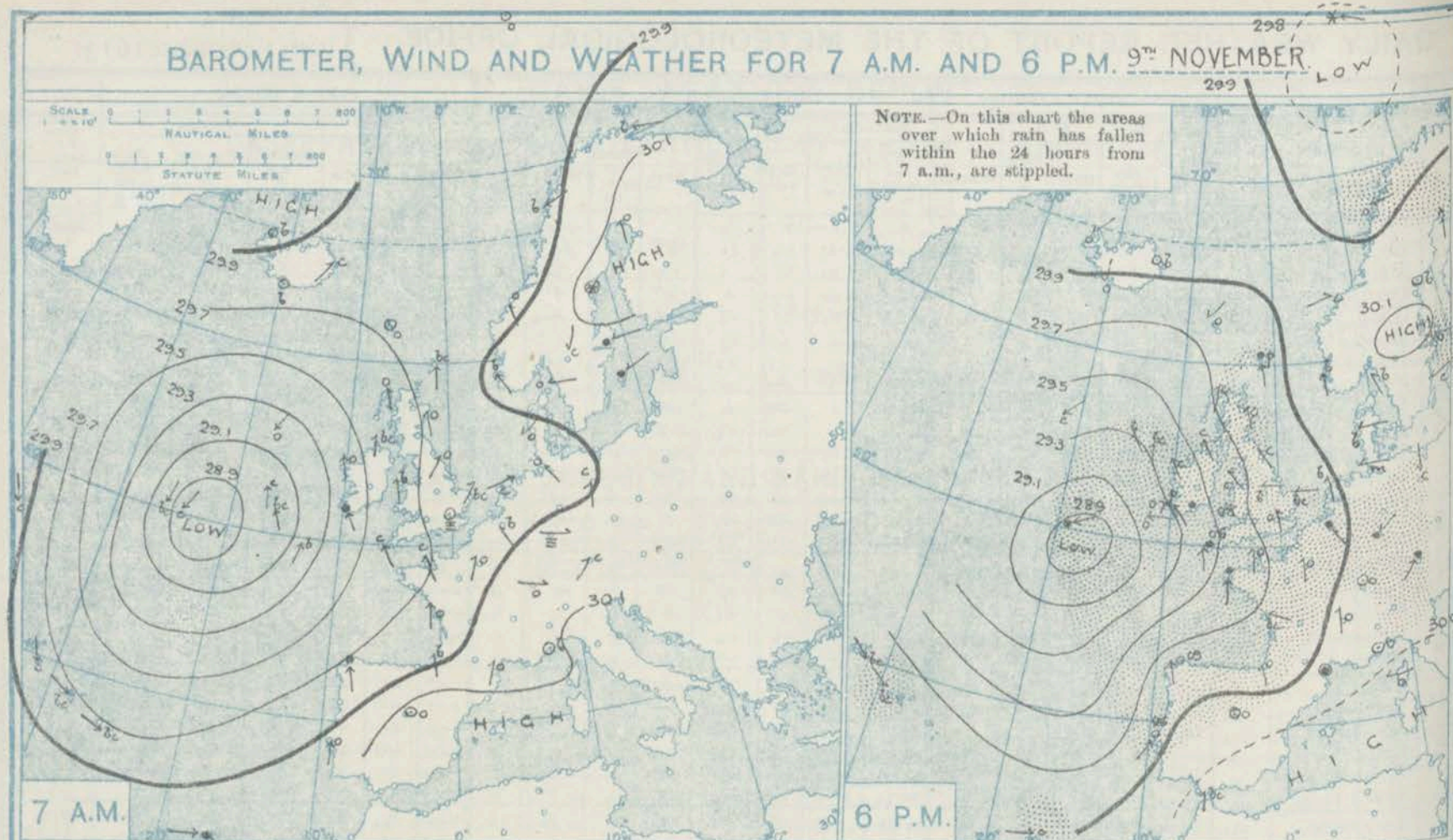
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,
10th November, 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 ...	29.80	50	SSE	1	ogp	29.80	-.01	50	+2	SSE	5	ou	4	0.19	50	47	opg	opg	opg	opg	opg	opg	0.0
Stornoway ...	29.70	51	S	3	C	29.69	-.02	51	-9	NW	1	be	1	0.04	51	37	op	o.c	be. be.	be. be.	be. be.	0.0	
Castlebay (Barra Isd.)	29.63	50	SE	5	0	29.58	-.03	49	0	E	4	0	5	-	51	49	a.c.m	c.m	om.be.o	om.be.o	om.be.o	0.5	
Glasgow ...	29.76	40	NE	2	b	29.66	-.04	41	+3	NE	3	ome	3	Trace	44	36	a.c.be	be.b	be.b	be.b	be.b	2.7	
Malin Head...	29.57	49	SE	4	C	29.44	-.00	49	+3	SE	6	+	4	0.05	52	43	cm	cpm	cm	cm	cm	0.0	
Blacksod Point	29.43	53	SSE	4	cg	29.30	-.00	53	+3	SSE	3	cp	3	0.39	52	49	og.cpm	og.cpm	og.cpm	og.cpm	og.cpm	0.0	
Valencia ...	29.31	56	SSE	4	0	29.27	+.03	54	-2	SSE	4	bc	4	0.66	57	52	o.c	cp	cp	cp	cp	0.0	
Roche's Point	29.42	55	SE	5	r	29.35	+	54	0	ESE	3	b	5	0.39	55	54	omp	d	d	d	d	0.0	
Birr Castle ...	29.47	54	SE	2	C	29.36	+	52	+2	SE	1	C	+	0.24	56	49	bc	C	or.c	or.c	or.c	1.4	
Donaghadee ...	29.63	52	SSE	3	bc	29.52	+	50	-1	SSE	4	omr	4	0.13	53	50	bomp	bomp	be. omr	be. omr	be. omr	0.0	
Liverpool Obsy...	29.69	45	ESE	3	b	29.56	-.03	47	+8	ESE	4	+	3	0.05	50	39	b	b	be. omr	be. omr	be. omr	0.0	
Holyhead ...	29.67	49	SE	2	03	29.53	-.04	52	+6	E	4	or	3	0.15	56	48	bcy	bcy	be. or	be. or	be. or	0.0	
Pembroke (St. Ann's Hd)	29.56	53	ESE	4	C	29.45	+.02	55	+3	S	5	ogmp	5	0.79	56	51	eq.	cm.	omr	omr	omr	0.0	
Newquay ...	29.52	56	SE	3	+	29.48	+.02	54	+2	SSE	3	C.	3	0.35	57	52	bc.	a.o.or.	or.c.	or.c.	or.c.	2.9	
Scilly (St. Mary's)	29.46	55	SSE	5	orm	29.42	+.02	54	+1	SSE	3	omp	4	0.08	57	53	cm	cpm	omr	omr	omr	0.1	
Jersey (St. Aubin)	29.68	57	S	2	0	29.64	+	55	+1	SE	4	op.	4	0.04	59	52	C.o	C.o	od. op.	od. op.	od. op.	0.8	
Portland Bill	29.66	56	SSE	3	bc	29.59	+.02	56	+2	S	4	C	4	0.04	57	54	bc	bc	be. or	be. or	be. or	0.0	
Dungeness ...	29.73	53	E	2	r	29.71	+	53	+4	SSE	3	op.	3	Trace	57	51	bc.o	og	op.	op.	op.	0.0	
Dover ...	29.74	50	SE	1	0	29.73	+	54	+6	SSE	3	oe	4	0.02	55	49	b.be.co	ome	op.r	op.r	op.r	2.3	
Wick ...	29.75	50	SSE	4	bc	29.73	-.01	48	+1	SSE	5	bc.	4	-	51	47	c.be.m	bc.m	omr	omr	omr	0.0	
Nairn ...	29.75	39	-	0	bc.	29.71	+	31	-2	-	0	om	1	0.01	46	29	bc	bc	m.be.m	m.be.m	m.be.m	4.7	
Aberdeen ...	29.79	50	SSE	3	C	29.77	+.00	48	0	SSE	3	C	3	0.04	51	48	C.op	cp	a.o.p.e	a.o.p.e	a.o.p.e	0.0	
Leith ...	29.72	44	R	1	bc	29.69	-.03	45	+4	NE	1	0	+	Trace	45	36	c.m.	cm.be	cm.be	cm.be	cm.be	0.0	
North Shields	29.75	46	SE	1	03	29.72	-.02	50	+9	SE	3	0	3	Trace	50	39	O.C	cy	m.be	m.be	m.be	0.7	
Spurn Head ...	29.70	48	SE	3	b	29.70	-.01	51	+9	SE	4	0	4	-	51	40	cm	bc	omr	omr	omr	7.2	
Yarmouth ...	29.80	51	E	3	bc	29.76	+.00	52	+20	SE	4	om	4	Trace	52	37	bc	bc	omr	omr	omr	7.5	
Clacton-on-Sea	29.76	53	ESE	4	og	29.71	-.01	53	+6	ESE	2	og.	2	0.03	54	46	bc.m.b	b.be.co	ogp	ogp	ogp	6.0	
Nottingham...	29.77	42	E	3	b	29.66	+	49	+9	E	2	r	+	0.06	51	29	fe.m.b	bm	b	b	b	3.5	
Bath ...	29.71	51	NE	1	0	29.62	+	55	+20	?E	2	0	+	0.04	56	35	b.be.	C.o	m.o	m.o	m.o	2.1	
London (Kew Obsy.)	29.74	50	SSE	2	om	29.67	+.00	51	+17	E	1	om	+	0.02	54	34	b.be.co	omr	omr	omr	omr	0.7	
ICELAND, FAEROE, &c.																							
Spitzbergen ...	29.72	15	ESE	6	S.	29.73	-.02	10	-14	NE	6	0.	+	?	24	9.							
Isafjord...	29.45	34	NE	3	0	29.48	-.02	32	+1	-	0	b.	+	+	+	+							
Reykjavik ...	29.91	33	S	1	C	29.93	-.02	34	+7	ESE	1	+	+	+	+	+							
Vestmanna ...	29.84	35	N	1	0	29.88	-.01	27	+7	E	3	0	2.	+	+	+							
Seydisfjord ...	29.94	32	-	0	b	29.94	-.02	30	-5	-	0	b.	+	+	+	+							
Thorshavn ...	29.76	45	NE	3	0	29.76	+.00	44	+4	ENE	4	+	+	+	+	+							
SCANDINAVIA.																							
Haparanda ...	30.03	28	S	2	S	29.87	-.04	32	+5	SW	2	0.	+	0.04	32	27							
Hernösand ...	30.06	31	-	0	b	29.99	-.01	25	-8	-	0	b.	+	-	37	23							
Stockholm ...	30.08	35	N	2	0	30.06	+.00	31	-6	W	2	f.	+	Trace	29	30							
Visby ...	30.03	36	ESE	2	C	30.08	+.03	38	0	N	4	+	+	Trace	39	34							
Karlstad ...	30.11	35	-	0	b	30.12	+.00	30	-6	-	0	b.	+	-	41	28							
Vardö ...	29.89	24	ESE	6	0.	29.72	-.02	28	+2	SE	4	0.	3.	-	28	23							
Bodö ...	29.82	36	E	4	0	29.80	-.01	37	+1	S	1	bc.	2.	0.08	37	32							
Christiansund	29.95	45	WSW	1	C.	29.91	-.01	43	0	NW	1	b.	4	-	46	39							
Skudesnaes ..	30.02	45	SSE	4	b.	30.02	-.01	44	+1	SE	6	C.	4.	-	46	43							
Færder (X'tania Fjord)	30.08	41	ESE	2	0.	30.08	+.01	42	+1	SSW	2	b.	1	-	42	39							
The Scaw (Skagen)...	30.05	44	SE	3	bc	30.09	+.01	42	-3	SSE	1	b.	0.	-	46	37							
Blaavands Huk ...	30.04	36	E	1	b	30.05	+.01	36	-4	ESE	2	m.	1	-	46	30							
GERMANY, &c.																							
Cuxhaven ...	29.94	43	E	1	m.	30.02	+.01	38	-3	E	2	f.	0.	-	48	37							
Berlin ...	29.90	43	N	2	C	30.07	+.05	43	+5	W	1	0.	+	0.12	46	38							
Frankfurt ...	29.94	46	NE	1	+	29.96	+.02	48	+7	NE	1	+	+	0.20	48	41							
Munich ...	29.94	46	SW	4	+	30.02	+.01	47	+4	SW	2	0.	+	0.47	47	43							
The Helder ...	29.86	41	SSE	1	b	29.88	-.01	46	-5	E	3	bc.	2.	-	54	39							
Brussels ...	29.81	51	SE	1	+	29.81	+.00	51	+12	SE	3	0	+	0.16	52	38							
FRANCE.																							
C. Gris Nez...	29.80	52	E	3	m.	29.73	-.01	53	+7	SE	4	C.	2.	0.04	53	46							
La Hève ...	29.72	54	SSE	2	0	29.69	+	51	+2	ESE	3	C	2.	0.20	57	45							
Ushant...	29.51	57	S	5	f.	29.51	+	57	0	SW	5	C.	5.	0.08	61	48							
Brest (St. Mathieu)	29.58	57	S	4	+	29.55	+.02	58	+1	BSW	4	C.	5	0.35	61	57							
Lorient (Bec Melen)...	29.70	58	S	3	0	29.63	+	58	+1	SSW	3	C	5	0.08	63	50							
Rochefort (Ile d'Aix)	29.73	56	ESE	3	bc.	29.69	+.02	53	-1														

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 9TH NOVEMBER.



GENERAL INFERENCE

WEATHER PROSPECTS.

The depression off the west of Ireland appears to be spreading slowly north-eastward, but is likely to diminish in intensity. Its influence will, however,

continue to be felt for a time over the country generally, and the weather will, therefore, remain in a changeable, showery condition.

FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

- 0 {
a } Moderate or fresh South-
b }
1 { Easterly winds; mild, cloudy,
misty in places, occasional
2 {
a } rain
b }
3 {
4 {
a } Southerly and South-Easterly
b } winds, moderate; cloudy and
5 { showery at first, improving
temporarily later; continuing
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.

NO WARNINGS
ISSUED.

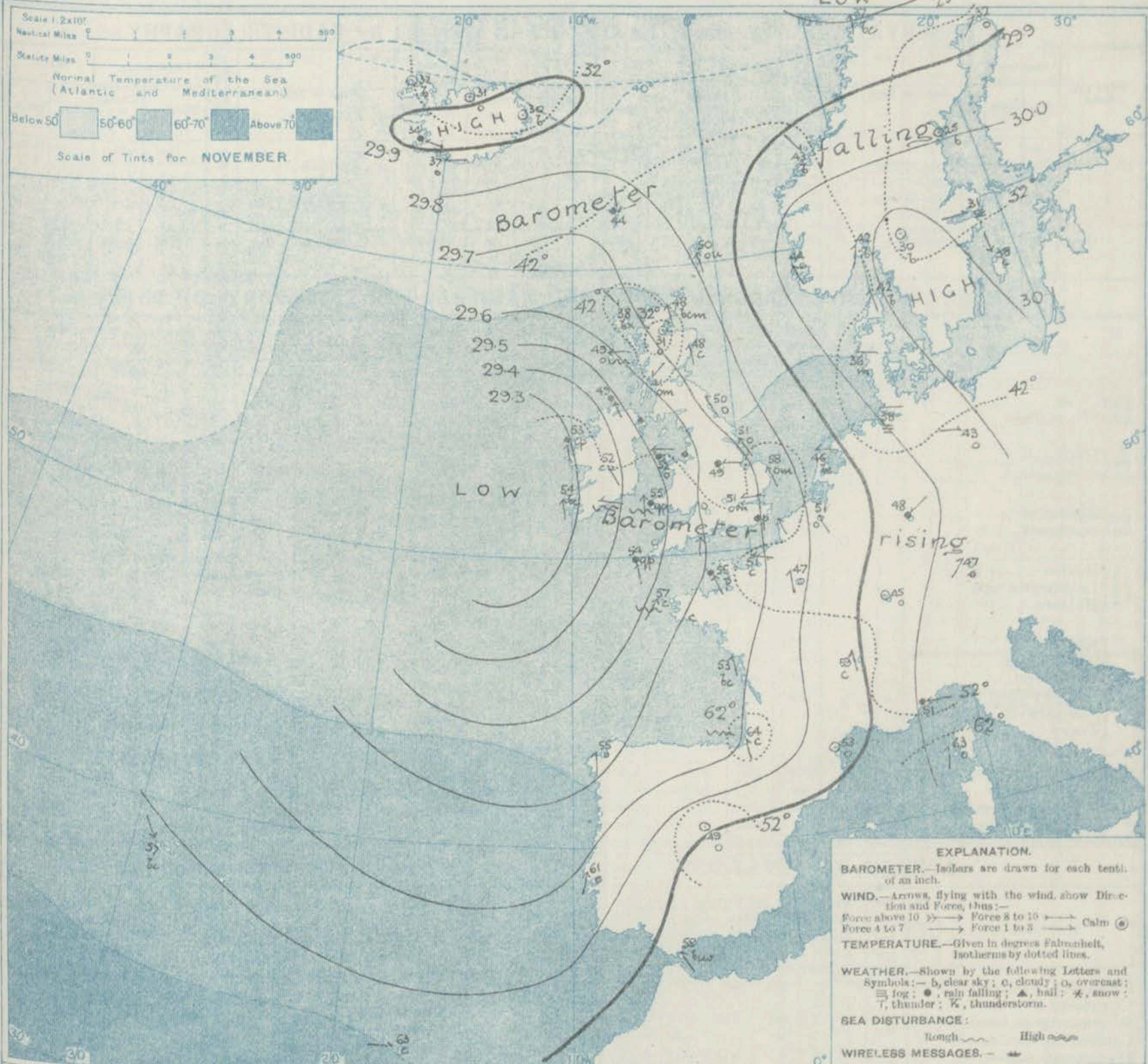
- 6 {
a } Same as Nos. 0 to 2.
b }
7 {
a }
b }
8 {
a } Southerly winds, moderate
b } or fresh; mild, changeable, some
showers, fine intervals.
9 {
a } Same as Nos. 0 to 2.
b }
10 {
a } Same as No. 8.
b }

11 WESTERN CHANNEL AND BAY.

Moderate or fresh Southerly to South-Easterly winds and a moderate sea; mild, changeable, some showers, fine intervals.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. MONDAY, 10TH NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A depression of moderate intensity is lying off the west of Ireland, and is causing a slight fall of the barometer over the northern parts of our area of observation. At all the more southern stations the barometer is rising slowly.

The wind is light to fresh from the southward or south-eastward over western Europe generally, but is calm in Iceland, and variable in the northern parts of Scandinavia. Temperature has risen very decidedly over England, but fallen in the north of Scotland and also in Sweden and Denmark. over the United Kingdom

the readings range from a little above 55° on our south and east coasts to a trifle below the freezing point in central Scotland. Slight frost prevails also in Iceland and sharp frost in Sweden. The weather is in a changeable condition over western Europe as a whole, with rain at several of our own western and northern stations, as well as in the Faeröe and in western Iceland. Clear skies are reported at most of the Scandinavian and Danish stations. The sea is moderate or slight generally, but rather rough on some of the more exposed parts of our western coasts.

DAILY WEATHER REPORT.

Monday, 10th November, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward H = Homeward	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward H = Homeward	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
9th 6 p.m.	56	22	Franklin	O	29.24	+0.8	NE	6-7	c.	9th 7 a.m.	47	39	Olympic	O	30.02	+0.5	NNW	6-7	c.
" "	56	18	Lusitania	H	29.90	-0.1	ENE	6-7	+	" "	50	25	Merion	O	28.95	+1.9	NNE	4-5	b.c.
" "	55	15	California	O	29.31	+0.2	SE	1-3	b.	" "	50	24	Lusitania	H	28.88	+1.9	NE	6-7	b.
" "	55	13	Laurentic	O	29.50	?	S	1-3	bc.	" "	56	17	Franklin	O	29.19	+0.1	NE	4-5	c.
" "	51	12	Assania	H	29.18	+0.2	E	4-5	o.	" "	52	17	Assania	O	29.03	+0.3	S	6-7	c.
" 1 p.m.	55	13	California	O	29.29	.00	SE	1-3	b.	" "	57	16	Assania	H	29.20	+1.8	SE	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.	
Scot. land.	Oban	In.	F.	F.			Hr.	England, S.E.	Margate	In.	F.	F.			Hr.
	St. Andrews								Ramsgate						
Eng. N.E.	Harrogate	0.01	49	34	b	b	5.4	England, S.E.	Folkestone		54	39	c.	bc.	2.5
	Scarborough		52	38	c.b.	c.b.	6.1		Hythe		54	43	c.b.	bc. od.	
Eng. N.W.	Blackpool		52	35	cm	c.	6.2		Littlestone						1.8
	Southport		52	37	b	b	5.5		Hastings		54	43	bc.o	bc.	1.2
Mid- lands.	Buxton								Bexhill-on-Sea		54	43	bc.o	bc.	1.2
	Leamington Spa		54	29	bc	bc.	6.0		Eastbourne		56	38	bc.o	cm.	0.6
	Malvern		53	36	b	b.o. bc.	6.7		Seaford						
Wales.	Rhyl		54	36	b	bc.	7.0		Brighton		54	39	cm	cm.	0.1
	Colwyn Bay		54	43	b	bc.	6.8		Worthing	0.02	55	38	o	o.o.	0.1
	Llandudno		55	40	b	b.	7.1		Littlehampton	0.01					0.0
	Bettws-y-Coed		55	42	bc	bc.	6.0		Southsea		56	42		of.	0.0
	Aberystwyth								Ryde		56	50	c.o	bc.	0.5
England, E.	Tenby							England, S.W.	Ventnor		62	48			1.8
	Lowestoft		54	38	bc	b. bc.	7.6		Bournemouth		58	37	o	cm.	0.8
	Felixstowe		55	27	bc. bc.	b. bc. cm.	7.2		Weymouth	0.01	59	43	of	o. bc.	0.5
	Walton-on-Naze		54	38	bc. b.	b. bc. o.	6.6		Exmouth						1.8
	Southend-on-Sea		55	42	bc. b.	bc. o.	5.0		Teignmouth	0.01	59	39	od. bc.	c.	2.0
									Torquay		57	42	c	bc. c.	3.2
									Paignton	0.01	61	38	c. bc.	bc. o.	2.1
									Falmouth	0.04	58	47	bc	egf.	3.8
									Bude		60	49			3.1
									Ilfracombe		57	45	g. bc.	bc. eg.	1.5
									Weston-super-Mare		54	38	bc. b.	bc.	

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.	
Greenwich (Royal Obs.)	82	94	4.1	54	40	32	0.03	b	o. sp. o.	Dublin to 4 p.m.	0.01	58	45	42	c. sp.	o. c.	cp.
City (Bunhill Row)			0.6							Plymouth to 9 p.m.							
Westminster (St. James's Pk.)	80	88	0.8	55	44	40	0.03	bm	mp	Darwen		56	36		c. bc. m. b.	b	4.14
Camden Sq. (Brit. Rainfall)		93	0.1	54	41	45	0.04	bm	bm. ed.	Manchester		52	37	27		b	b.
Hampstead (Reservoir)		99	2.3	52	44	41	0.04	f. bc.	o.	Birmingham							
Richmond Park			2.5							Oxford to 8 p.m.		55	31	25	b. bm.	b	b. o.
Kew. (See front page.)																	
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.										S. Kensington (Museum Grounds to 6 p.m.)							
Total.				Average Rate.		Max. Rate.				Trace.		54	39	25	by.	bm.	od. p. o.
233 Joules.				7.1 Milliwatts.		20.0 Milliwatts.											

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

10th & 11th Nov. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 7.6 7.9	G.M.T. 11.37 11.37	G.M.T. 4.6 4.6
Greenwich	7.11 7.12	11.44 11.44	4.17 4.16
Wick	7.51 7.53	11.36 11.36	4.1 3.59
Valencia	7.43 7.55	12.25 12.25	4.57 4.55

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 55° and upwards at most of our western and southern stations, to 60° at Bude, and to 61° at Paignton. The amount of bright sunshine varied considerably in different localities. Rain fell in most districts, heavily in the south-west. Wireless reports show that between the Irish coast and the 20th meridian the wind was strong to high from the S.W., but that further to the westward it was N.W. to N.E.; the weather was generally fair.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

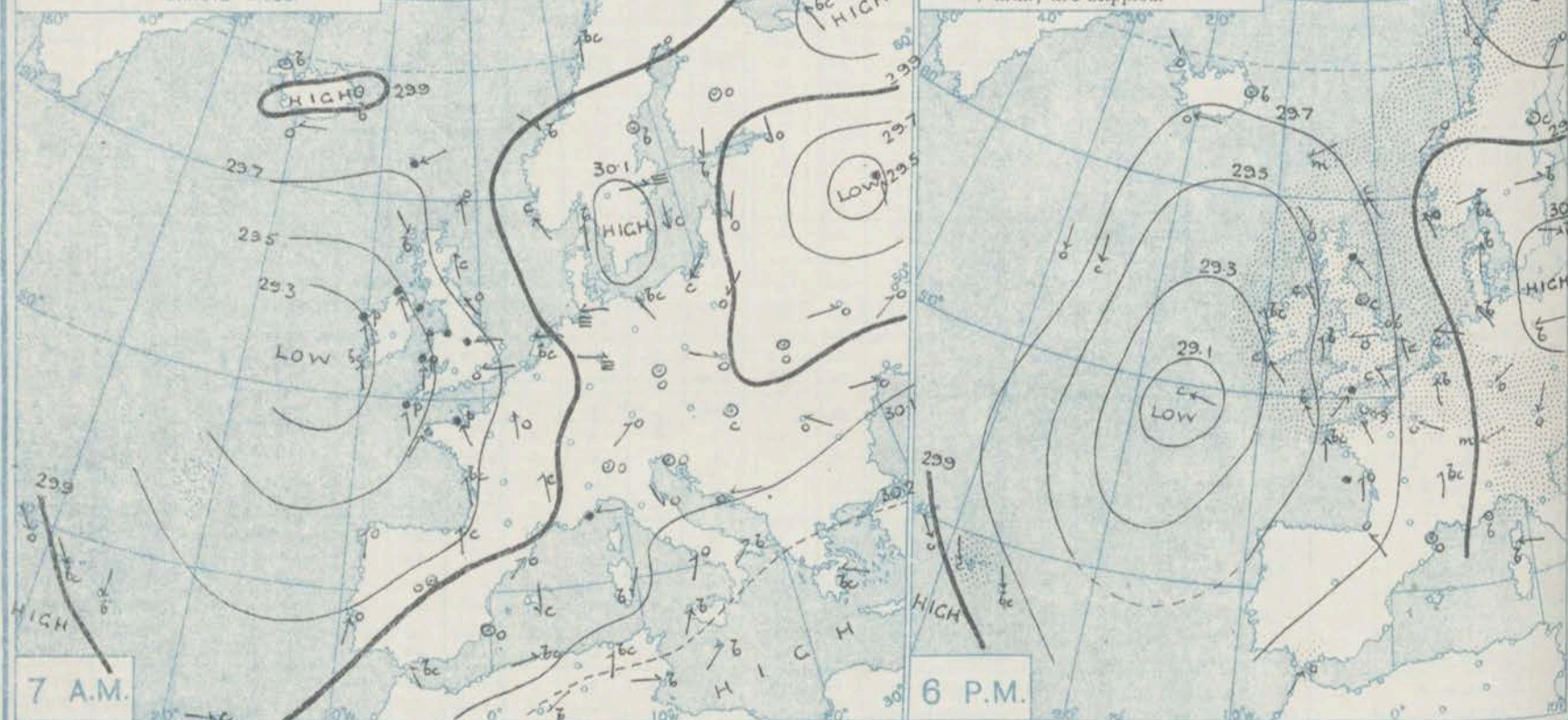
Tuesday,
11th November, 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sub- sine 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.		
BRITISH ISLANDS.	Lerwick ...	29.72	50	SE	4	cm	29.40	-0.2	50	0	SSE	4	og.	4	0.13.	50	47	o.c.p.	cm	ogr.	Hours		
	Stornoway ...	29.52	46	MNW	1	cm	29.38	-0.3.	49	+11	SW	2	bc.	2	0.25	51	37	o.bom	bc.m	o.c.p.	0.0.		
	Castlebay (Barra Isd.)	29.43	50	E	4	d	29.33	-0.2.	52	+3	SSE	3	o	4	0.20	53	48.	of	rd	to.c.p.o.	0.0.		
	Glasgow ...	29.54	51	SE	2	og.	29.43.	-0.5	41	0	E	1	bc.	8	0.32.	51	41	od	d.o	a.c.bc.b.	0.0.		
	Malin Head...	29.42	49	SE	3	c	29.30	-0.6	46	-2	E	3	o	3	0.14	51	44	and	og	amp.	"		
	Blacksod Point	29.35	52	SSE	1	bc	29.23.	-0.3	50	-3	S	4	bc	3.	Trace	55	48	cp.og	bc.og	bc.	"		
	Valencia ...	29.30	56	SE	4	c	29.18	-0.3	53	-1	SE	2	c	4.	0.11	58	52	c	c	c.b.	2.8.		
	Roche's Point	29.40	54	ENE	5	bc	29.25	"	54	0	E	4	c	5	0.36	56	51	b.bom	bom	o.c.	"		
	Birr Castle ...	29.43	51	SSE	1	c	29.27	"	48.	-4	SE	1	c	"	0.26	56	48.	c	cp	cp.	3.3.		
	Donaghadee	29.49	52	SSW	2	bc	29.38	"	50	0	S	2	b.	3.	0.47	56	50	omr	bc	bc.	"		
	Liverpool Obsy...	29.58	52	SE	3	o	29.45	-0.3	44	-3	SE	2	b.	2.	0.11	55	44	or	c.e.	b.m.c.	0.0.		
	Holyhead ...	29.57	55	S	1	b.m	29.45	-0.4	49	-3	S	1	bc.	1	0.11	57	48	ot.c.p.	c.b.b.c	pl.baw.	3.0.		
	Pembroke (St. Ann's Hd)	29.51	54	S	4	bc	29.35	-0.4	52	-3	S	5	og.	5	0.06	57	51	ogmp	gm.	bom.	4.2.		
	Newquay ...	29.50	54	SSE	3	b	29.35	-0.2	51	-3	SSE	3	bc.	3.	0.10	58	49	g	gm.	bc.op.	5.0.		
	Scilly (St. Mary's)	29.44	55	SSE	4	b.m	29.30	-0.4	54	0	SSE	4	cp.	5	0.36	58	49	cm	cm	bc.ppl.	5.2.		
	Jersey (St. Aubin)	29.63	57	SSE	3	og.	29.34	"	55	0	S	3	b	2.	0.88	59	46	c.o	ogp	ottr.e.	3.1		
	Portland Bill	29.63	55	SW	6	OT	29.48	-0.3	56	0	S	5	c	5	0.37	58	53	cp.bc.	bc.or	or.c.p.	"		
	Dungeness ...	29.70	57	S	4	c	29.55	-0.7	54	-2	SW	7	qr.	6.	0.25	57	54	eg	bc	cp.c.	"		
	Dover ...	29.68	56	S	3	c	29.51	"	54	0	SSW	4	or.	5	0.45	57	52	c.b.c.	c	cgr.	1.3.		
ICELAND, FAEROE, &c.	Wick ...	29.57	50	SSE	7	o	29.40	-0.2	48	0	S	2	cm	5	0.05	50	47	bc.amp.	og.amp.	bc.amp.	"		
	Nairn ...	29.53	46	-	0	og	29.40	"	40	+9	-	0	og	2	0.11	50	30	b.com	cm.r	cp.g.	1.8.		
	Aberdeen ...	29.57	51	SE	3	r	29.44	-0.5	46.	-2	-	0	omp.	3	0.11.	51	45	omr	of	or.omp.	0.0.		
	Leith ...	29.54	52	E	1	o	29.41	-0.4	44	-1	E	1	bc.	"	0.07	52	42.	o.or.	od.o.	om.	"		
	North Shields	29.60	51	-	0	o	29.45	-0.4	50	0	S	1	o	2	0.29	54	50	of	r.o	or.e.	0.0.		
	Spurn Head ...	29.64	52.	SSE	3	c	29.50	-0.1	47.	-4	SSW	3	bc	4	0.58	53	41	omr.	om.c.	cm.s.of.	0.0.		
	Yarmouth ...	29.71	52	SSE	1	cm	29.55	-0.2.	53	-1	SE	3	c	3.	0.11	55	52	ot.om	cm	omr.	0.0.		
	Clacton-on-Sea	29.68	53	SE	2	c	29.50	-0.8	54	+1	SE	3	og	2.	0.05	54	52	og	og.c	ca.ogp.	0.0.		
	Nottingham...	29.64	53	E	1	o	29.51	"	46.	-3	S	1	om	"	0.24	56	41	r.op	op	od.r.	0.0.		
	Bath ...	29.63	55	S	1	o	29.49	"	48.	-7	SSE	1	o	"	0.14	61	48.	oe	od	r.o	0.0.		
SCANDINAVIA.	London (Kew Obsy.)	29.66	54	SE	1	c	29.50	-0.3.	46	-5	-	0	omr	"	0.29	57	44	om	omp.c	com.om	0.0.		
	Spitzbergen ...	29.78.	9	E	3	S	29.84	+0.4	9	-1	NNE	3	S	"	?	10	7.	GALES Duration and Extreme Force in British Islands. Lerwick 11 p.m. - 2 a.m. Ex. SE 8.					
	Isafjord...	29.73	32	NW	2	c	29.58	-0.4	30.	-2	-	0	o	"	"	"	"						
	Reykjavik ...	29.76	36	N	3	S	29.49	-0.8	34	0	N	2	o	"	"	"	"						
	Vestmanna ...	29.69	37	E	7	o	29.43	-0.9.	35	-2	-	0	c.	2.	"	"	"						
	Seydisfjord	29.80	31	-	0	b	29.55	-0.6	32.	+2	-	0	o.	"	"	"	"						
	Thorshavn ...	29.63	47	ENE	2	m	29.28.	-0.8.	48.	+4	SE	4	o.	"	"	"	"						
	Haparanda ...	29.65	28.	SW	2	o.	29.81	+0.2.	21	-11	N	2	b.	"	Trace	34.	19						
	Hernösand ...	29.86.	26.	-	0	c.	29.90.	+0.3.	27.	+2	-	0	bc.	"	"	36	23.						
	Stockholm ...	30.02	33.	W	2	b.	30.00	0.0	35	+4	WSW	2	c.	"	"	36	31						
	Wisby ...	30.09	41	WNW	4	b.	30.08	0.0	43.	+5	WSW	2	c.	"	"	43	27.						
GERMANY, &c.	Karlstad ...	30.06	36.	-	0	bc.	30.00	-0.4	31	+1	-	0	bc.	"	"	37	28.						
	Vardö ...	29.53	27.	SW	4	b.	29.66	+0.2.	31	+3	NW	8	o.	4	?	31	21						
	Bodö ...	29.84	39.	N	2	c	29.87	0.0	34	-3	ENE	2	o.	1	0.43	39	32.						
	Christiansund	29.89	46.	SW	1	o	29.73.	-0.9.	42.	-1	NE	1	o.	4	0.04	48	41						
	Skudesnaes ..	29.97	46.	SE	4	o	29.69	-0.4	45	+1	SE	6	t.	4	0.04	46	43.						
	Færder (X'ania Fjord)	30.03.	42.	WSW	2	bc.	29.93.	-0.3.	41	-1	SE	4	o.	2.	"	43	41						
	The Scaw (Skagen)...	30.06	44	S	4	b.	29.89	-0.6	45	+3	SSE	6	o	2.	"	45	39						
	Blaavands Huk ...	29.97	41	SE	4	m.	29.76	-0.2.	42.	+6	SE	5	m.	4.	Trace	46	36						
	Cuxhaven ...	29.95	39	SE	4	b.	29.76	-0.6	41	+3	S	4	m.	1	"	41	38.						
	Berlin ...	30.11	39.	E	3	b.	30.00	-0.1	36.	-7	SE	3	bc.	"	"	45	34.						
FRANCE.	Frankfurt ...	29.94	50	NE	1	o	29.87	-0.2	49.	+1	SE	2	t.	"	Trace	54	46.						
	Munich ...	30.01	48.	NNE	4	o.	29.98.	-0.1	40	-7.	E	3	f	"	Trace	54	39.						
	The Helder ...	29.80	48	ESE	2	c	29.64	-0.5	50	+4	SSE	2	o.	1	Trace	50	46.						
	Brussels ...	29.78.	45	SSE	4	o.	29.66	-0.4	53.	+2	SSE	2	t.	"	0.20.	60	51.						
	C. Grs Nez...	29.69	55	SE	4	c	29.54	-0.7.	55	+2	SSE	6	t.	4	0.08.	59	53.						
	La Hève ...	29.68	57	ESE	4	o.	29.54	"	53.	+2	SW	4	o.	4	0.47.	59	48.						
	Ushant...	29.57	57	S	5	b.	29.39	"	58	+1	S	7	c	5	"	61	54						
	Brest (St. Mathieu)	29.56	55	SSE	4	bc.	29.47	+0.2.	57	-1	SSE	5	c	5	0.04	63	55.						
	Lorient (Bec Melen)...	29.55	55	E	2	c	29.31	"	57	-1	SW	5	c	5	"	64	50						
	Roche fort (Ile d' Aix)	29.65	58	S	3	o	29.67	+0.4	55	+2	SSW	3	c	"	"	61	52.						
	SPAIN, PORTUGAL, &c.	Biarritz ...	29.66	66	SE	3	o	29.72	+0.2	62.	+2	SSE	3	c	4	"	66					59	
Paris ...		29.75	58	SE	2	o	29.66	-0.1	54	+7.	S	3	o.	"	0.24	64	47.						
Belfort ...		29.90	52	ENE	4	m.	29.89	"	48.	+3.	E	3	o	"	0.04	59	45						
Lyons ...		29.86	59	S	2	bc.	29.73.	"	63.	+4	SSW	4	o.	"	"	64	57.						
Nice ...		30.01	55	-	0	b	30.08	+0.2	55	+4	E	2	o	4	0.05	61	51						
Perpignan ...		29.80	56	-	0	o	29.78	-0.1	60	+7	W	2	o	"	"	67	53						
Sanguinaire...		30.04	66	ESE	4	b	30.05	"	67	+4	E	4	o	3.	"	67	59						
Corunna (8 a.m.)																							
Lisbon (9 a.m.)																							
Gibraltar ...		29.93	66.	SW	4	o	29.95	"	66.	+8.	SW	2	o	1	0.25	71	58						
Azores (Horta, 8 a.m.)		29.86	"	NW	4	c	29.98	+0.2	55	-2.	N	4	bc.	4	0.20.	61.	54						
Madeira (Funchal) ...																							

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 10TH NOVEMBER.



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 off the south west of Ireland will continue to spread eastward, and will occasion changeable, showery weather over the United Kingdom generally, with

strong southerly winds in the Channel. Temperature will remain above the normal.

FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

0 {
a } Southerly and South-Easterly
b } winds, light or moderate; changeable,
1 } some showers, misty in places; rather milder.

2 {
a } Southerly winds, light or
b } moderate; mild, changeable, some
3 } rain, occasional fine intervals.

4 {
a } Southerly winds, strong on coast.
b } mild, changeable, some rain,
5 } occasional fine intervals.

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 } Southerly and South-Easterly
b } winds, light or moderate; fair
7 { at first, showery later; rather
b } milder.

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

9 {
a } Same as Nos. 6 and 7.
b }

10 {
a }
b }

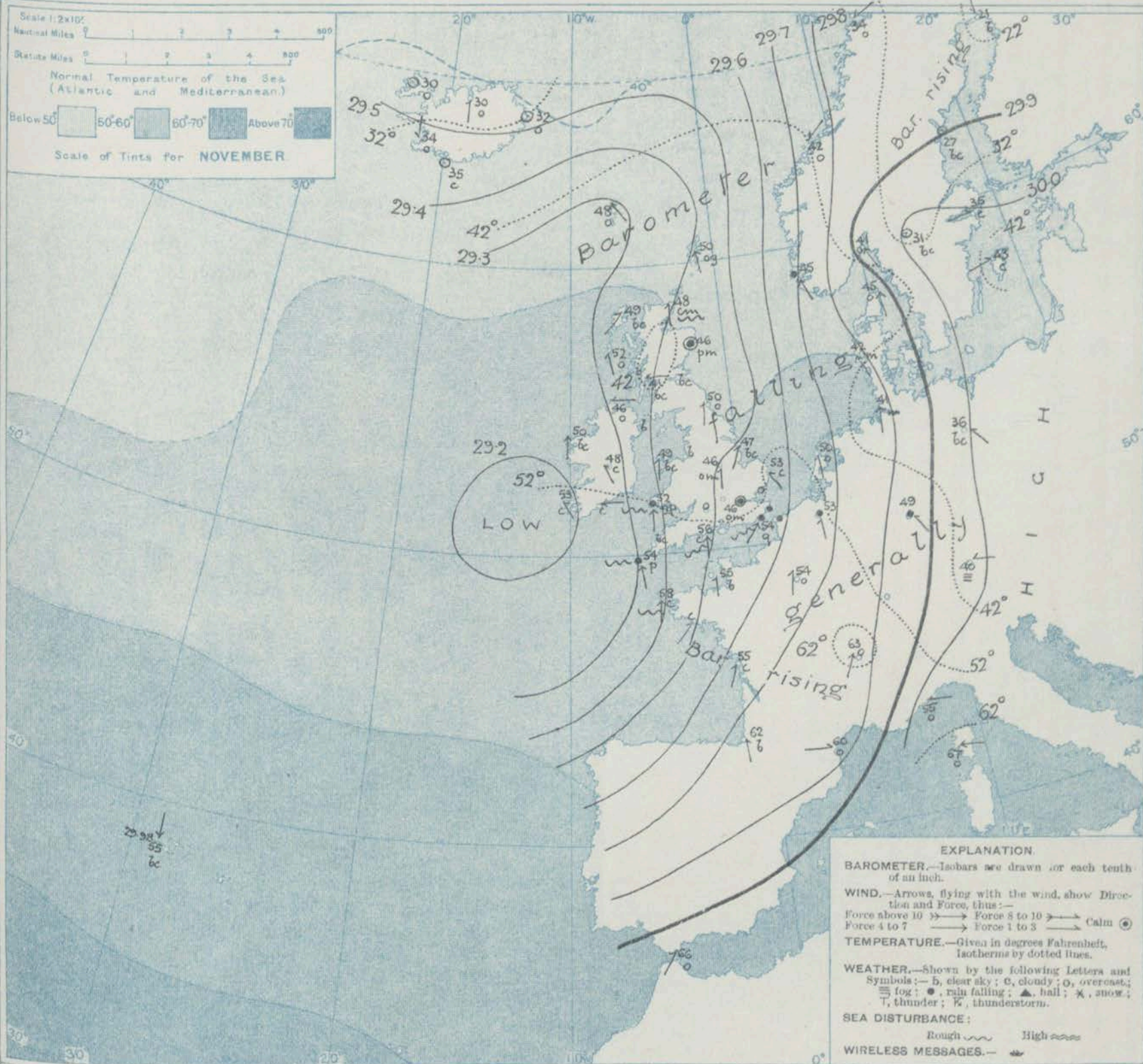
11 WESTERN CHANNEL AND BAY.

Fresh southerly winds and a rather rough sea; mild changeable, some showers, fine intervals.

THE FURTHER OUTLOOK. (All Districts)

Unsettled, showery weather is likely to continue.

SYNOPTIC CHART FOR 7 A.M. TUESDAY, 11TH NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is now highest over the central parts of the Continent, but is relatively high over the Azores region. A depression of moderate intensity lies off the south-west of Ireland, and is apparently spreading eastward.

The wind is chiefly southerly or south-easterly, light or moderate in force generally, but strong in the Straits of Dover, and also on the eastern side of the North Sea. Temperature has fallen over the United Kingdom, but risen at most of the Continental stations. On our south and south-west coasts the thermometer ranges

between 53° and 56°, but at many of our northern stations it is below 45°. Slight frost prevails in Iceland and sharp frost over the Gulf of Bothnia. The weather is fine at most of our North-Western stations, but cloudy or overcast elsewhere, with rain in the south of England, and in many neighbouring parts of the Continent. The sea is rather rough on several of the more exposed parts of the British, Irish and French coasts.

DAILY WEATHER REPORT.

Tuesday, 11th November 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 G.p.m.	54	29	<i>Ascania</i>	0	29.83	.00	N	6-7	c.	10th G.p.m.	49	15	<i>Minnetonka</i>	0	29.01	-.01	SE	4-5	c.
"	54	25	<i>California</i>	0	29.62	+0.6	N	6-7	c.	" 1p.m.	49	12	<i>Koonland</i>	0	29.07	-.12	SE	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.	
Scot. land.	In.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
(Oban ...)	0.05	54	45	0	d.o.	0.0	Ramsgate ...	0.03	57	50	c	c	0.0
(St. Andrews ...)	0.23	50	35	0	or. 0.	0.0	Folkestone ...	0.03	55	50	"	bc.	0.5
Eng. N.E.							Hythe ...	0.02	57	50	bc	bc.	0.9
(Harrogate ...)	0.25	52	35	omp	omp	0.0	Littlestone ...	"	"	"	"	"	0.4
(Scarborough ...)	"	54	38	0.2	or.	0.0	Hastings ...	0.04	57	51	op.c.	bc.	0.7
Eng. N.W.							Bexhill-on-Sea ...	0.02	57	51	c	c.	0.7
(Blackpool ...)	"	"	"	"	"	"	Eastbourne ...	"	57	50	oc.bc.	bc.	0.5
(Southport ...)	0.16	54	42	0	or. c. 0.	0.0	Seaford ...	"	58	40	c	c	0.5
Mid. land.							Brighton ...	0.01	57	51	o	o.c.	0.7
(Buxton ...)	0.25	52	39	ct	ct.	0.0	Worthing ...	0.04	60	50	og	c.bc.	1.3
(Leamington Spa ...)	0.04	57	42	0	o	0.0	Littlehampton ...	0.01	"	"	"	"	1.0
(Malvern ...)	0.16	56	46	d.og	cg.	1.0	Southsea ...	0.01	59	42	o.bc.b.	bc.	1.0
Wales.							Ryde ...	"	59	55	"	"	1.8
(Rhyl ...)	0.08	58	42	r.o.bc	z.bc.	2.3	Ventnor ...	0.07	52	"	"	"	1.4
(Colwyn Bay ...)	0.09	58	45	p.bc.	b.bc.	2.5	Bournemouth ...	0.20	60	44	o.c	or.	1.4
(Llandudno ...)	0.10	58	40	bc.od	b.	2.0	Weymouth ...	0.10	59	49	op.c.	bc.	2.3
(Bettws-y-Coed ...)	0.10	55	49	"	"	2.5	Exmouth ...	0.20	57	52	c	c.	1.9
(Aberystwyth ...)	0.15	59	48	r.o.c.	c.o.	3.0	Teignmouth ...	0.20	60	55	c	c.bc.op.	3.8
(Tenby ...)	P. 2.2	58	53	o.c	b.	4.5	Torquay ...	0.27	59	55	bc	bc.c.o.	4.4
England, E.							Paignton ...	0.35	60	54	c.bc.	bc.	6.0
(Lowestoft ...)	0.03	55	51	o.c	b.	0.0	Falmouth ...	0.50	59	55	r.c.b.	bc.	5.8
(Felixstowe ...)	0.02	55	43	cm.o.	mo.c.	0.0	Bude ...	0.35	61	49	or.c	b.	4.5
(Walton-on-Naze ...)	0.07	54	43	op.c	c.	0.0	Ilfracombe ...	0.61	61	52	or.c.bc.	b.	1.4
(Southend-on-Sea ...)	0.04	54	45	o	o.	0.0	Weston-super-Mare ...	"	59	48	or.bc.	b.bc.	1.4

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rain-fall.	WEATHER.		STATIONS.	Rain-fall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Forenoon.	Afternoon.			In Screen.	Night Min. on Grass.	Night.	Forenoon.	
Greenwich (Royal Obs.) ...	93	99	0.1	56	44	33	0.63	0.0	0.0	Dublin to 4 p.m.	0.42	56	51	50	0.0
City (Banhill Row) ...	"	"	0.0	"	"	"	"	"	"	Plymouth to 9 p.m.	0.31	60	53	46	0.0
Westminster (St. James's Pk.)	88	97	0.0	57	47	42	0.27	or	or. r	Darwen "	0.28	52	41	34	0.0
Camden Sq. (Brit. Rainfall)	89	100	0.0	57	43	40	0.28	0	od. om. or. om.	Manchester "	"	56	41	"	0.0
Hampstead (Reservoir) ...	"	99	0.0	55	47	29	0.34	or	or. f	Birmingham "	0.12	55	46	42	0.0
Richmond Park ...	"	"	0.0	"	"	"	"	"	"	Oxford to 8 p.m.	"	57	49	44	0.0
Kew. (See front page.)	"	"	0.0	"	"	"	"	"	"	S. Kensington (Museum Grounds to 6 p.m.)	0.04	57	50	45	0.0
S. Kensington (Roof of M.O.)	85	93	0.0	174	Joules.	5.3	Milliwatts.	12.5	Milliwatts.						

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

11th & 12th Nov. 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.8	11.37	4.6
Greenwich ...	7.12	11.44	4.14
Wick ...	7.53	11.56	3.57
Valencia ...	7.55	12.25	4.35

NOTES ON YESTERDAY'S WEATHER.

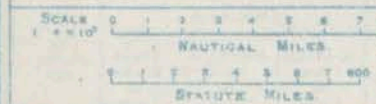
The thermometer rose to between 55° and 60° at most of our western and southern stations, and to 61° at Bude and Ilfracombe. The amount of bright sunshine was as a rule small. Rain fell generally, heavily in places, a thunderstorm occurred at Jersey, and lightning was seen at Sully and Holyhead. Wireless reports show that to the westward of the 20th meridian ships experienced strong to high winds from the Northward, and cloudy weather.

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

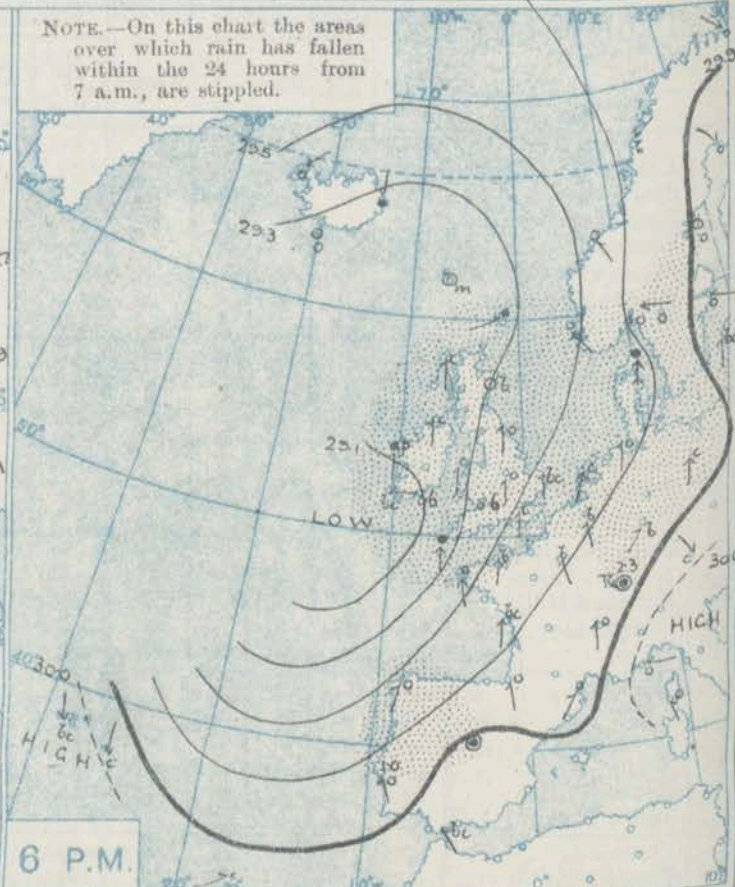
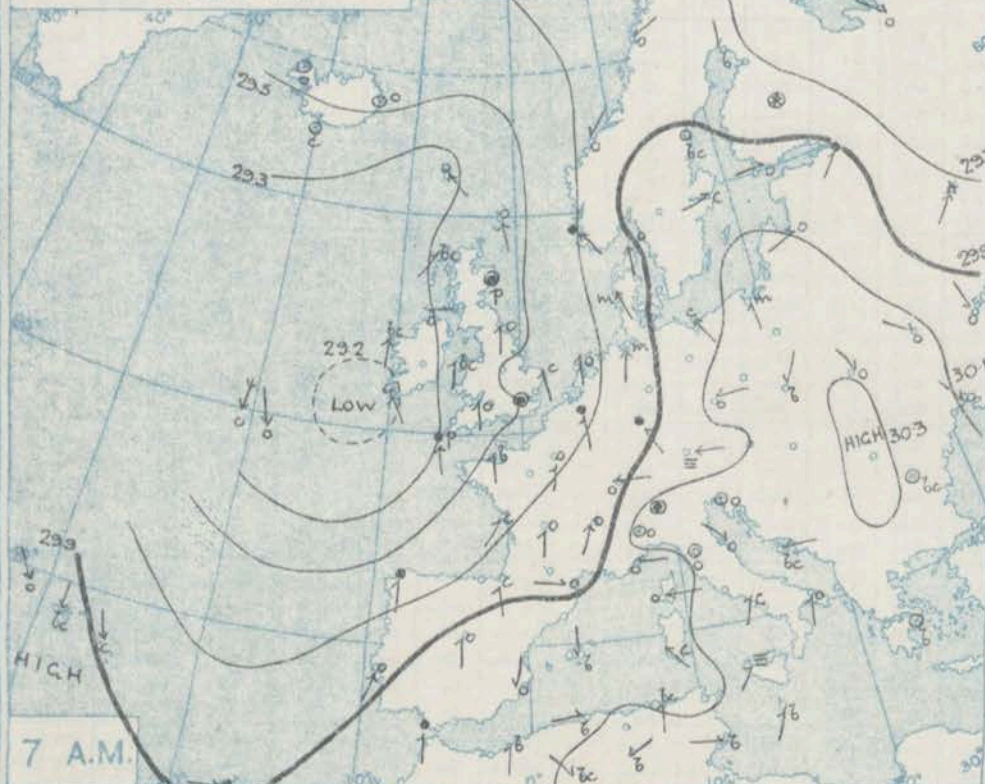
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† Received too late for insertion in Charts.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 11th NOVEMBER.



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 depression off our northwest coasts will continue to spread northwards and eastwards. Small secondary disturbances will pass across

WEATHER PROSPECTS.

Ireland and England, and will occasion a continuance of showery weather, with gales and high winds on our south and south-west coasts.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

0 {
a } Moderate southerly winds;
b } mild, unsettled occasional
rain, misty in places.

1 {
a }
b }
2 {
a } Southerly to south-westerly
b } winds, strong in places; squally
3 {
a } showery, some fine intervals;
b } becoming temporarily cooler.

4 {
a }
b }
5 {
a } South-westerly to westerly
b } gales and strong winds, moderating
later; squally, showery, some
fine intervals; becoming
temporarily 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.

SOUTH CONE HOISTED in Districts 5, 7, 8 and 10. at 7.0 p.m. yesterday.

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

7 {
a } Southerly to westerly winds,
b } freshening; squally, showery,
some fine intervals; becoming
temporarily cooler.

8 {
a } Strong westerly and north-
b } westerly winds, moderating
and backing later; showery
at first, then fair, becoming
temporarily cooler.

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

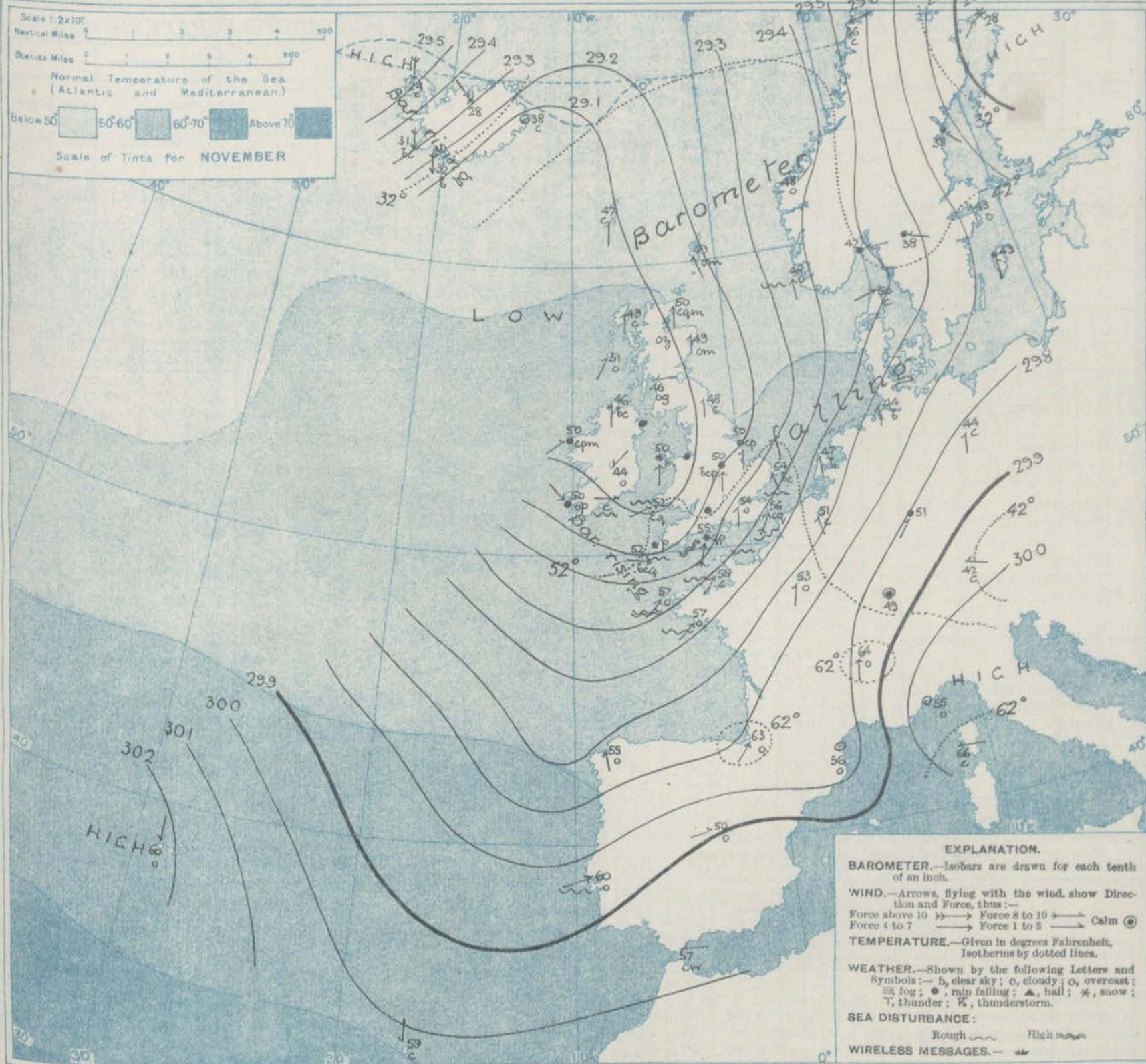
10 {
a } Same as No. 8.
b }

11 WESTERN CHANNEL AND BAY.

Strong westerly and south-westerly winds, a gale in places, with a very rough sea; squally showery, some fine intervals; cooler.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. WEDNESDAY, 12TH NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The large Atlantic depression continues to spread northwards and eastwards. Its central area is now situated between Iceland and the west of Scotland, and the barometric gradient over England and the neighbouring portions of the Continent has become rather steep.

The wind has increased to a gale from the south-westward in the Channel, and is strong in force on our south and south-west coasts generally. Over the northern parts of the United Kingdom it is light from the southward. Temperature has risen in most places. Over the United Kingdom the readings range from a trifle above 55° on the

southeast coast of England to a little below 55° in the central parts of Ireland and Scotland. The Continental values range from 63° at Biarritz to 28° at Haparanda and 27° at Yards. The weather is in a cloudy, unsettled state generally. Rain is falling in many parts of Ireland, England and the Continent, and snow is reported at Akureyi at Haparanda. The sea is high in the Channel, and rough on our southwest coasts, moderate or slight elsewhere.

DAILY WEATHER REPORT.

Wednesday, 12th November 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.	
11d 7 a.m.	49	20.	Winnatanka	O	29.26	+13	NNE	8-9	0										
"	49	19	Kronland	O	29.30	+10	NNE	6-7	0										
"	35	9	Humidian	H	29.29	00	S	4-5	0										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot- land. (Oban ...)	0.02	54	47	c.bc	c.	1.8	Margate ...	0.44	59	50	op	bc.	3.1
(St. Andrews ...)				"	"		Ramsgate ...	0.52	57	53	"	"	4.3
Eng. N.W. (Harrogate ...)	0.15	49	43	om.c.	c. om.	0.0	Folkestone ...	0.62	58	51	r.bc.	bc.	5.5
(Scarborough ...)	"	50	47	c.c.	c.c.	0.2	Hythe ...						5.6
Eng. N.W. (Blackpool ...)	0.04	53	44	m.c.bc.	c.or.c.	1.7	Littlestone ...	0.46	60	51	thr.b	b.bc.	5.7
(Southport ...)	0.04	53	44	b.bc.c.	c.o.	1.5	Hastings ...	0.53	58	52	c.bc.b.	b.bc.	5.7
Mid- lands. (Buxton ...)	0.02	53	45	atm	bc.	1.0	Bexhill-on-Sea ...	0.74	61	49	c.c.b.	b.	5.7
(Leamington Spa ...)	0.27	57	41	o	o.	0.3	Eastbourne ...	0.08	58	49	r.b	b.	5.4
(Malvern ...)	0.33	54	46	r.bc.	ps.	1.5	Seaford ...	1.05	59	50	c	c.	5.4
Wales. (Rhyl ...)	0.03	56	42			2.3	Brighton ...	0.48	62	48	c.bc.	bc.	5.2
(Colwyn Bay ...)	0.08	57	44	bc	b.	3.6	Worthing ...	0.27	"	"	"	"	3.3
(Llandudno ...)	"	57	44	c.b	bc.p.	3.7	Littlehampton ...	0.27	"	"	"	"	3.3
(Bettws-y-Coed ...)	0.10	63	39			1.2	Southsea ...	0.95	61	48	b.c.c.	orl	4.1
(Aberystwyth ...)	0.12	56	48	r.a.c.	c.b.o.	2.5	Ryde ...						4.3
(Tenby ...)	0.16	58	51	op.	op.	1.7	Ventnor ...	Trace	63	54	"	"	2.0
England, E. (Lowestoft ...)	0.40	54	51	or.	or.c.	1.4	Bournemouth ...	0.35	60	48	bc.b.	bc.or.b.	2.7
(Felixstowe ...)	0.36	57	52	m.or.c.	c.b.c.	2.7	Weymouth ...	0.36	60	52	bp.	bc.	2.7
(Walton-on-Naze ...)	0.55	56	53	c.bc.	b.bc.c.	2.5	Exmouth ...	0.10	57	54	b.c.c.	cgr.	1.5
(Southend-on-Sea ...)	0.62	58	50	r.o	b.bc.	3.5	Teignmouth ...	0.23	58	51	cp.	qrl	2.9
							Torquay ...	0.10	59	54	bc	cp.	3.1
							Paignton ...	0.31	60	51	bc.p.	bc.c.	1.9
							Falmouth ...	0.71	58	50	r.cq.	opq.	2.0
							Bude ...	0.22	59	53	r.o.bcp.	cp.	1.0
							Ilfracombe ...	0.52	57	50	or.	or.c.or.	2.5
							Weston-super-Mare ...	0.40	56	48	bc.p.	bc.b.r.	2.5

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 Obsy.) ...	78	81	4.1	59	47	37	0.18	c.bc	c.c	c.	Dublin to 4 p.m.	0.09	54	50	47	cp	cp.	cp.	*					
City (Bunhill Row) ...	*	*	2.6	*	*	*	*	*	*	*	Plymouth to 9 p.m.	*	*	*	*	*	*	*	0.2					
Westminster (St. James's Pk.)	78	83	3.5	60	50	46	0.07	r.bc.	b.	r.c.	Darwen "	0.04	52	45	42	owr	on.bc.	on	0.2					
Camden Sq. (Brit. Rainfall)	77	79	3.5	60	48	46	0.08	od.c.	bc.b.cp.	t.cp	Manchester "	Trace	55	45	*	or.c.	c	bc.c.	0.8					
Hampstead (Reservoir) ...	*	94	2.9	58	49	37	0.17	bc.	orh	cc.or.	Birmingham "	0.52	54	43	38	*	f.ct.	or.	2.6					
Richmond Park	*	*	4.0	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 (Museum Grounds to S.O.M.)														
S. Kensington (Roof of M.O.)	73	79	3.7	310 Joules.		9.5 Milliwatts.		27.5 Milliwatts.		0.25		59	48	35	0.owr.	on.bc.	bc.or.	*						

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

12th-13th Nov. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.10 7.12	G.M.T. 11.37 11.37	G.M.T. 4.4 4.3
Greenwich ...	7.14 7.16	11.44 11.44	4.14 4.13
Wick ...	7.55 7.58	11.56 11.56	3.57 3.55
Valencia ...	7.57 7.59	12.25 12.25	4.53 4.52

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to between 55° and 60° at most of our western and southern stations to 62° at Worthing, and to 63° at Ventnor. The amount of bright sunshine was generally small, but more than 5 hours were registered at some of our south coast stations, and more than 7 hours at Jersey. Rain fell generally, and thunderstorms occurred in the south and east of England. Wireless reports show that to the westward of the 17th meridian the wind was strong to a gale from the S.W., with 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.

Thursday,
13th November, 1913.

13.

WEATHER

Sunshine

Hr.

3-1

3-6

4-3

5-5

5-6

5-5

5-7

5-7

5-4

5-4

5-2

3-3

4-1

4-3

3-0

2-7

1-5

2-9

3-1

1-9

2-0

1-0

2-5

1-1

0-2

0-8

2-6

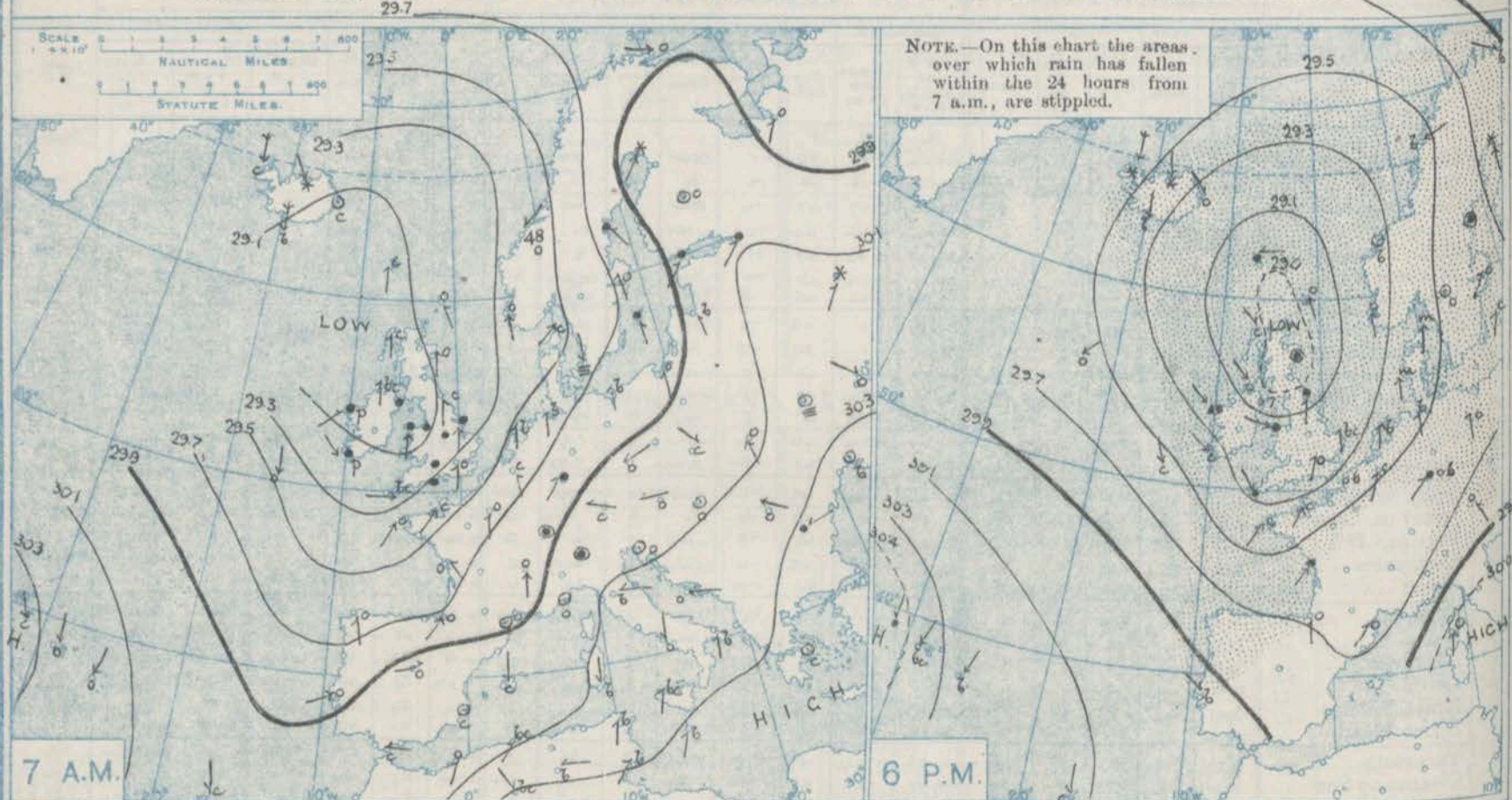
1-1

0-1

0-1

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.	Dirac.	At 32° F. and M.S.L. Lat. 46°			Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dirac.	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.															
Lerwick	29.06	50	SSE	4	omv	29.02	+0.6	50	+1	SSW	1	om	1	0.11	50	47	omd	om	om	om	Hours		
Stornoway	29.01	43	NW	1	cm	29.20	+0.8	48	-1	N	5	c	4	0.01	53	41	c	cm	bcadp.	1.4			
Castlebay (Barra Isd.)	29.02	46	NW	4	r	29.26	+0.7	47	-4	NW	3	bc	3	0.27	51	44	op	op	op	op	0.2		
Glasgow	28.99	47	SW	1	o	29.14	+0.6	44	-2	WNW	2	c	3	0.41	47	42	r	to op	op	op	0.0		
Malin Head... ..	29.02	45	NW	6	r	29.23	+0.6	47	+1	NNW	6	c	5	0.41	49	43	cp	op	op	op	0.0		
Blacksod Point	29.23	45	NW	5	ophv	29.31	+0.4	46	-4	NW	5	cqph	4	0.25	50	41	cm	cm	cm	cm	0.0		
Valencia	29.34	47	WNW	5	c	29.52	+0.5	45	-5	NW	5	cqph	5	0.31	51	43	op	op	op	op	0.2		
Rochester Point	29.26	46	NW	4	c	29.46	0	43	-3	W	2	c	3	0.03	52	41	cp	cp	cp	cp	1.2		
Birr Castle	29.20	43	NW	3	c	29.39	0	39	-5	W	2	bc	2	0.02	51	38	cp	cp	cp	cp	1.2		
Donaghadee	29.06	47	WNW	3	cp	29.20	?	46	-3	NNW	4	op	4	0.71	51	43	cm	cm	cm	cm	1.0		
Liverpool Obsy.	29.12	47	SW	3	o	29.10	+0.2	47	-1	WNW	3	o	2	0.49	53	42	o	o	o	o	1.5		
Holyhead	29.14	48	WNW	6	otqum	29.20	+0.3	47	-3	NW	7	opqum	7	?	52	44	cp	cp	cp	cp	1.5		
Pembroke (St. Ann's Hd.)	29.17	50	WNW	4	c	29.29	+0.4	46	-6	WNW	6	cq.	4	0.24	55	44	cp	cp	cp	cp	1.7		
Newquay	29.24	51	W	5	bc	29.39	+0.5	47	-5	NW	7	cqph	6	0.22	55	44	cp	cp	cp	cp	1.3		
Scilly (St. Mary's)	29.29	51	NW	6	cp	29.44	+0.4	48	-4	NW	6	cqph	6	0.09	55	43	bcq	cp	cp	cp	3.5		
Jersey (St. Aubin)	29.38	54	SW	4	cq	29.40	0	49	-6	W	6	cqum	5	0.31	58	45	c	o	o	o	1.8		
Portland Bill	29.28	52	SSW	6	cq	29.27	+0.5	47	-8	WNW	7	c	5	0.29	57	46	cp	c	c	c	1.8		
Dungeness	29.32	56	SW	7	bcq	29.17	-0.5	45	-11	WNW	5	bcq	5	0.40	58	44	bcq	bcq	bcq	bcq	2.5		
Dover	29.32	55	SSW	5	c	29.17	0	41	-15	WSW	3	bc	6	0.28	57	41	bcq	bcq	bcq	bcq	2.5		
Wick	29.08	50	SSE	3	c	29.07	+0.7	48	-2	NW	4	om	4	0.24	51	46	cm	cm	cm	cm	0.0		
Nairn	29.06	44	-	0	df	29.13	0	45	+2	W	1	om	2	0.14	48	41	fe	fe	fe	fe	0.0		
Aberdeen	29.05	48	-	0	r	29.10	+0.5	46	-3	W	3	c	2	0.18	52	42	om	om	om	om	0.0		
Leith	29.07	49	W	1	o	29.10	+0.5	46	-2	SW	2	op	2	0.04	51	45	c	o	o	o	0.1		
North Shields	29.01	49	S	1	r	29.08	+0.2	45	-3	W	1	c	2	0.19	52	43	to	o	c	c	0.1		
Spurn Head	29.14	51	SW	5	bc	29.02	-0.3	47	-3	NW	4	om	4	0.24	53	45	cq	bcq	bc	bc	2.4		
Yarmouth	29.27	50	S	3	bc	29.06	-0.2	47	-7	SW	2	bc	3	0.26	57	46	bcq	bc	bcq	bcq	1.2		
Clacton-on-Sea	29.30	52	SSW	4	cq	29.10	0.0	45	-10	SW	4	op	4	0.45	57	44	bcq	cq	c	c	2.4		
Nottingham... ..	29.18	50	SW	3	c	29.06	0	44	-6	WNW	2	om	2	0.22	54	44	cp	c	c	c	1.8		
Bath	29.24	52	SSW	2	bc	29.23	0	44	-7	W	5	o	0	0.15	58	42	to	c	c	c	4.5		
London (Kew Obsy.)... ..	29.28	53	SSW	1	o	29.15	+0.1	43	-11	SW	3	om	3	0.52	56	43	om	cq	cq	o	1.5		
Spitzbergen	29.94	1	-	0	b	29.87	0.0	-5	-11	-	0	b	0	0	0	0	0	0	0	0	0		
Isafjord	29.65	20	N	9	s	29.48	-0.3	26	+2	N	7	o	0	0	0	0	0	0	0	0	0		
Reykjavik	29.45	28	NNE	5	b	29.38	-0.9	23	-8	NE	4	c	0	0	0	0	0	0	0	0	0		
Vestmanna	29.31	28	N	6	b	29.34	-0.3	36	+4	E	3	r	0	0	0	0	0	0	0	0	0		
Seydisfjord	29.29	37	NW	3	o	29.50	+0.2	24	-14	SW	7	c	0	0	0	0	0	0	0	0	0		
Thorshavn	29.07	47	E	3	r	29.21	+0.7	47	0	N	4	c	0	0	0	0	0	0	0	0	0		
Haparanda	29.78	32	S	4	s	29.59	-0.1	34	+6	SSE	4	o	0	0.24	54	28	0	0	0	0	0		
Hernösand	29.62	41	-	0	r	29.52	0.0	39	+1	SW	2	bc	0	0.20	41	37	0	0	0	0	0		
Stockholm	29.58	46	SW	2	o	29.56	-0.1	47	+4	SSE	2	o	0	0.02	48	41	Trace	47	43	43	0		
Wisby	29.66	48	SSW	2	c	29.56	-0.4	47	+4	SSE	2	o	0	0.02	48	41	Trace	47	43	43	0		
Karlstad	29.52	42	-	0	o	29.45	-0.4	46	+8	SSE	2	o	0	0.35	46	38	0	0	0	0	0		
Vardö	29.88	27	WNW	2	b	29.66	-0.8	27	+2	SSE	2	s	3	?	29	23	0	0	0	0	0		
Bodö	29.42	39	ENE	3	b	29.26	-0.2	29	+3	S	1	m	1	0.08	39	34	0	0	0	0	0		
Christiansund	29.39	44	-	0	b	29.25	-0.1	44	-4	ENE	2	b	3	0.20	48	43	0	0	0	0	0		
Skudesnaes	29.27	50	SSE	4	o	29.20	0.0	51	+3	SSE	6	o	5	0.24	51	46	0	0	0	0	0		
Færder (K'lania Fjord)	29.47	46	N	2	m	29.35	-0.2	47	+3	SE	5	f	3	0.20	47	41	Trace	50	48	48	0		
The Scaw (Skagen)... ..	29.46	50	S	7	m	29.34	-0.2	49	-1	S	6	f	1	Trace	50	48	Trace	50	48	48	0		
Blaavands Huk	29.39	50	S	4	m	29.27	0.0	49	0	S	2	r	2	0.04	50	48	Trace	50	48	48	0		
Cuxhaven	29.46	49	S	3	b	29.32	-0.4	48	+4	S	4	o	1	0.12	55	44	0	0	0	0	0		
Berlin	29.67	52	S	2	o	29.49	-0.3	48	+4	S	1	o	0	0.04	52	46	0	0	0	0	0		
Frankfurt	29.68	52	SW	2	r	29.50	-0.4	50	-1	SW	2	c	0	0.59	54	50	0	0	0	0	0		
Munich	29.72	45	SE	2	o	29.70	-0.1	44	+2	SSW	4	r	0	0.28	50	42	0	0	0	0	0		
The Helder	29.37	51	S	4	b	29.15	-0.8	49	+2	SSE	5	c	3	0.20	55	46	0	0	0	0	0		
Brussels	29.47	53	SSW	6	c	29.26	-0.4	48	-3	WSW	4	r	0	0.39	59	47	0	0	0	0	0		
C. Gris Nez... ..	29.37	54	SW	6	r	29.17	-0.1	49	-4	W	7	c	7	0.59	57	46	0	0	0	0	0		
La Hève	29.41	52	SW	6	r	29.34	0	46	-7	WSW	6	op	7	0.39	53	41	0	0	0	0	0		
Ushant... ..	29.39	52	SW	6	o	29.52	0	51	-6	NW	5	c	6	0.12	57	46	0	0	0	0	0		
Brest (St. Mathieu)	29.40	54	SW	6	c	29.52	+0.2	50	-7	NW	5	c	5	0.12	59	48	0	0	0	0	0		
Lorient (Bec Melen)... ..	29.58	57	SW	5	r	29.64	+0.5	54	+5	W	5	r	0	0.04	61	54	0	0	0	0	0		
Rochefort (Ile d'Aix)	29.68	63	S	3	o	29.83	+0.8	55	-8	W	6	o	6	0.55	66	50	0	0	0	0	0		
Biarritz	29.56	54	SSE	3	o	29.41	+0.2	48	-5	SW	3	c	0	0.08	59	48	0	0	0	0	0		
Paris	29.56	54	SSE	3	o	29.41	+0.2	48	-5	SW	3	c	0	0.08	59	48	0	0	0	0	0		
Belfort	29.56	54	SSE	3	o	29.41	+0.2	48	-5	SW	3	c	0	0.08	59	48	0	0	0	0	0		
Lyons	29.56	54	SSE	3	o	29.41	+0.2	48	-5	SW	3	c	0	0.08	59	48	0	0	0	0	0		
Nice	29.56	54	SSE	3	o	29.41	+0.2	48	-5	SW	3	c	0	0.08	59	48	0	0	0	0	0		
Perpignan	29.94	58	-	0	o	29.76	-0.6	55	0	-	0	r	4	0.24	63	54							

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 12TH NOVEMBER.



GENERAL INFERENCE

A depression now centred over the North Sea will move slowly south-eastward and will maintain an unsettled type of conditions over the

WEATHER PROSPECTS.

British Isles during the ensuing twenty-four hours.

FORECASTS FOR THE 24 HOURS NOON THURSDAY

TO NOON FRIDAY.

- 0 {
a
b
1 {
a
b
- Wind between North-West and North-East, strong and squally; changeable, some showers of rain, sleet or snow; rather cold.

- 2 {
a
b
3 {
a
b
4 {
a
b
5 {
a
b
- North-Westerly winds, fresh or strong; squally, showery, occasional fair intervals, cool.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

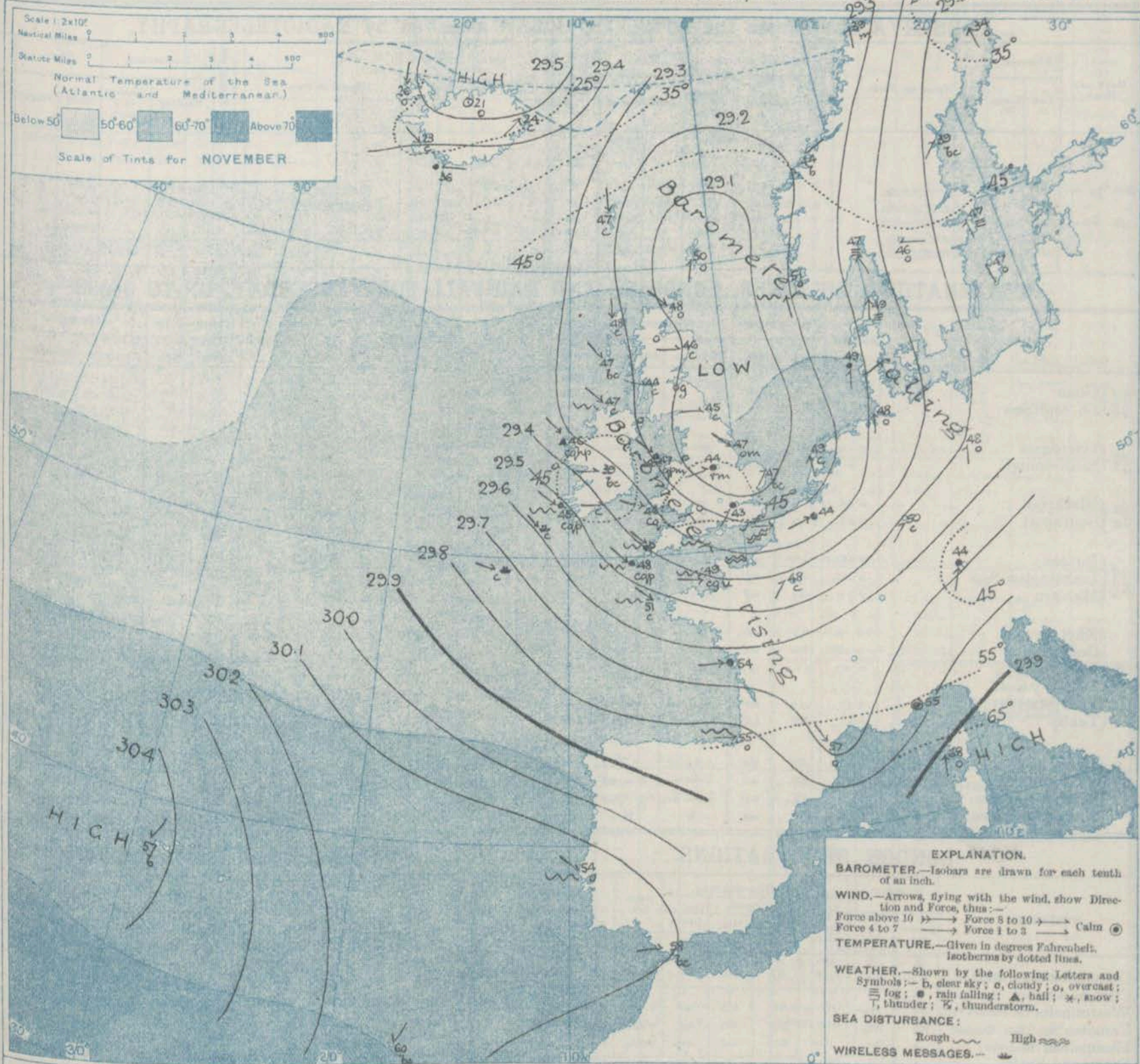
NORTH CONE HOISTED in Districts 3 and 5. at 8.20 a.m. to-day.

- 6 {
a
b
7 {
a
b
8 {
a
b
9 {
a
b
10 {
a
b
- Same as Nos. 0 and 1.
Strong North-Westerly winds, squally, showery, occasional fair intervals; cool.
Strong North-Westerly winds moderating gradually; some showers, considerable fair intervals; rather cold.

- 11 WESTERN CHANNEL AND BAY.
Strong North-Westerly winds; sea rough or rather rough; squally and showery, fair intervals.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. THURSDAY, 13TH NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression which lay to the north-westward of our islands yesterday has advanced across the country in an east, south easterly direction, its central area being now situated over the North Sea, and the north and east of England. The mercury is rising over the greater part of the United Kingdom and France, but is falling elsewhere.

In the rear of the depression the wind has shifted to the North Westward over nearly the whole of the United Kingdom, and on our western coasts it is strong to high in force. Over northern Europe it is light to fresh from the Southward or

South Westward. Temperature has fallen in most places, briskly in the south east of England. The thermometer is slightly above 45° on most parts of our western and northern coasts, but is below that level over central and south eastern England, and slightly below 40° in central Ireland. The weather is in a cloudy, unsettled state generally, with rain or passing showers in the west and south of our islands and in many neighbouring parts of the Continent. The sea is high off Holyhead and also off the north of France, rough in the west and south generally.

Thursday, 13th November, 1913.

[illegible]

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	Hr.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Hr.
		Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	{ Oban	In. 0.14	F.° 50	F.° 46			0.3	{ Margate	In. 0.01	F.° 57	F.° 52	bc	bcp.	2.4
	{ St. Andrews	0.12	50	40	o	o	0.0	{ Ramsgate	-	56	51	*	*	3.0
Eng. N.E.	{ Harrogate	0.14	51	45	op.c	cp.bc.	0.2	{ Folkestone	-	57	53	bc.o.	gl.bc.c.	2.1
	{ Scarborough	*	54	47	o.c	o.c.	2.5	{ Hythe	*	*	*	*	*	3.0
Eng. N.W.	{ Blackpool	0.35	52	48	or	c.o.	0.4	{ Littlestone	*	*	*	*	*	3.4
	{ Southport	0.37	52	47	op.c	c.op.c.	1.5	{ Hastings	0.01	58	53	op.bc.	bc.o.	4.5
Mid- lands.	{ Buxton	0.08	49	46	bc.r	cr.	0.2	{ Bexhill-on-Sea	0.01	58	53	b.bcp.	bc.o.	3.0
	{ Leamington Spa	0.55	55	41	c.b	c.b.	2.5	{ Eastbourne	0.02	59	51	bc.or	bc.o.	1.4
	{ Malvern	0.70	53	47	r.bc	bo.	1.2	{ Seaford	0.05	58	51	c	c.or	0.6
Wales.	{ Rhyl	0.16	53	46	c.or	o.c.	1.0	{ Brighton	0.80	57	51	o.c.o.	or.o	2.0
	{ Colwyn Bay	0.25	53	48	p	p.bc.	0.7	{ Worthing	0.83	59	51	c	qr.	1.2
	{ Llandudno	0.27	52	47	cp	cp.	0.5	{ Littlehampton	0.59	*	*	*	*	0.0
	{ Bettws-y-Coed	0.17	54	50	r.o.c	c.o.	0.7	{ Southsea	0.15	56	51	o.c	or.o.	0.0
	{ Aberystwyth	0.28	55	48	bcp	cp.	3.8	{ Ryde	0.20	57	54	op	op.	0.8
England, E.	{ Lowestoft	0.13	58	50	c.bc.ct	c.bc.c.	4.2	{ Ventnor	0.60	?	52	*	*	2.5
	{ Felixstowe	0.08	58	50	b.bcm	cm.op.	3.9	{ Bournemouth	0.30	58	51	c.bc	c.or.	2.1
	{ Walton-on-Naze	0.12	56	50	bm.bc.	cg.opu.	3.3	{ Weymouth	0.96	59	49	c.bc	b.bcp.	3.0
	{ Southend-on-Sea	0.16	58	49	p	p.	5.3	{ Exmouth	0.09	57	51	bcp.	cpd.	2.6
								{ Teignmouth	0.79	57	51	c.bc	bc.cp.	2.7
								{ Torquay	0.71	56	52	cp	cp.	3.1
								{ Paignton	0.68	57	50	bcp	bcp.	3.3
								{ Falmouth	0.43	55	50	op.c	cp.	3.5
								{ Bude	0.40	57	51	r	bcp.	4.0
								{ Ilfracombe	0.81	55	50	cp	cp.o.	2.0
								{ Weston-super-Mare	0.80	54	48	bcp	bc.b.	2.0

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.	In Screen.		Night Min. on Grass.	Night.	Fore- noon.		After- noon.
				Max.	Min.									Max.	Min.					
Greenwich (Royal Obs.) ...	57	92	1.0	57	42	39	0.27	c.b.c	c.or.o	o.r.o	Dublin to 4 p.m.	0.17	52	44	41	q.r.c	c.b.	c.sp.	3.9	
City (Rushmill Row)	0.4	Plymouth to 9 p.m.	0.67	57	49	45	o	c.b.	c.sp.	3.9	
Westminster (St. James's Pk.)	86	94	0.7	57	43	43	0.35	p.b.c	b.c	r.e	Darwen "	.	57	49	45	o	c.b.	c.sp.	1.6	
Camden Sq. (Brit. Rainfall)	80	94	1.7	57	42	41	0.52	o.r.c	c.b.c	cp.or.	Manchester "	0.15	54	47	43	c.or.c	c.b.	c.sp.	1.3	
Hampstead (Reservoir)	91	1.4	55	40	34	0.42	c.or.	or.	or.	Birmingham "	0.16	54	47	43	.	op	c	.	
Richmond Park	1.1	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.							Oxford to 8 p.m.	.	56	49	45	cm.ogr.	cp.o	cp.o	.	
Kew. (See front page.)																				
				Total.	Average Rate.		Max. Rate.													
S. Kensington (Roof of M.O.)	80	94	0.8	258	Joules.	7.9	Milliwatts.	24	Milliwatts.											
												S. Kensington (Museum Grounds to 6 p.m.)	57	52	43	o.or.c	or.c	c.o	.	

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

13th 14th 15th Nov: 1913.			Sunrise.	Noon.	Sunset.
			G.M.T.	G.M.T.	G.M.T.
Yarmouth	...	...	{ 7.12 7.14	{ 11.37 11.38	{ 4.3 4.2.
Greenwich	...	...	{ 7.16 7.18	{ 11.44 11.45	{ 4.13 4.12
Wick	...	...	{ 7.38 8.0	{ 11.56 11.57	{ 3.55 3.53
Valencia	...	...	{ 7.59 8.1	{ 12.25 12.26	{ 4.52 4.51

The thermometer rose to 55° and upwards at most of the English stations, and to 59° at Eastbourne, Worthing and Weymouth. The amount of bright sunshine was as a rule small or only moderate. Rain fell generally, a thunderstorm occurred at Yarmouth, and lightning was seen at several places in the south-east of England. Wireless reports show that as far west as the 16th meridian ships experienced fresh to strong winds from North or North-West, and cloudy weather.

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

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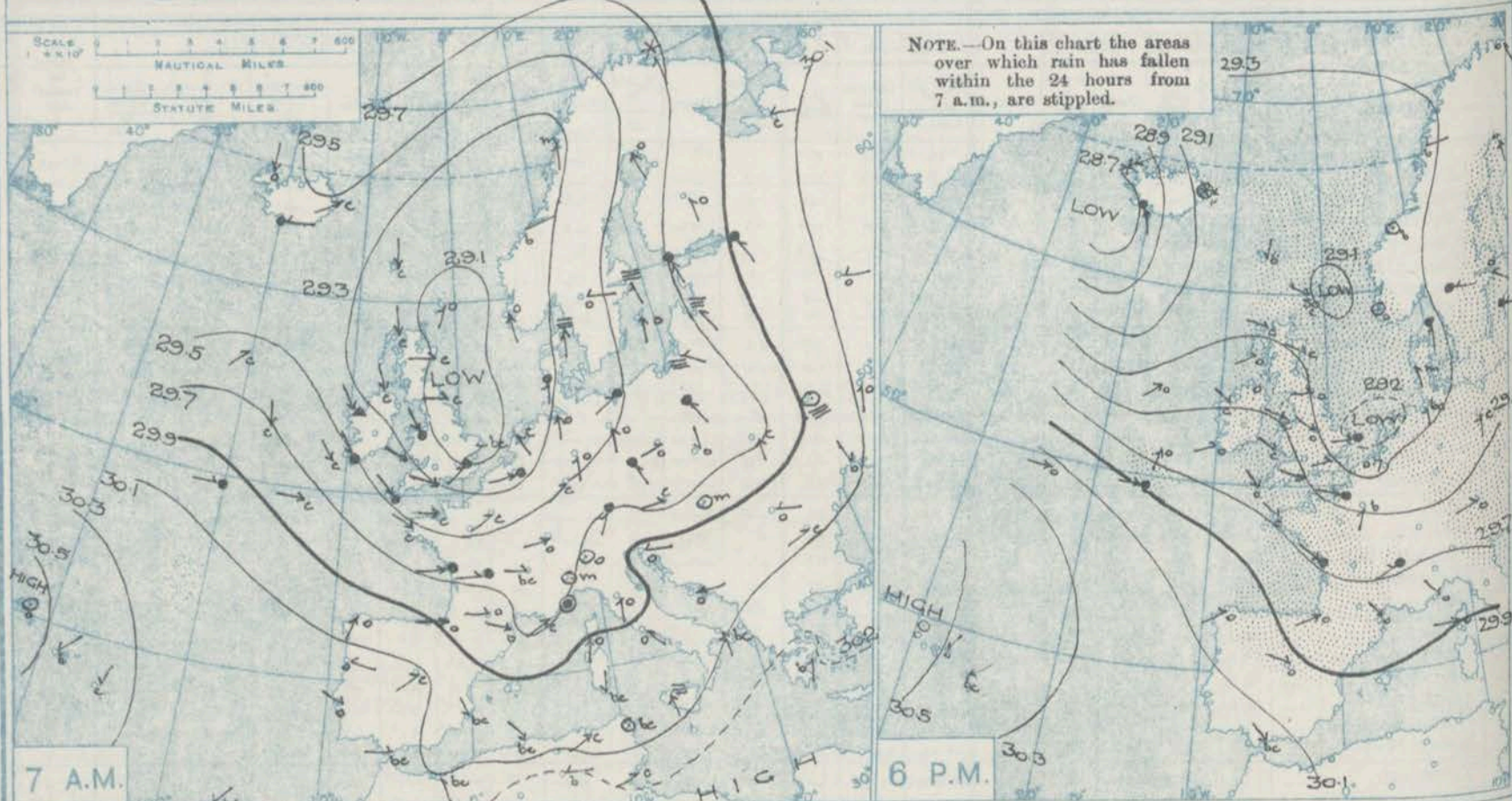
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* Information for these columns not usually received.

† Received too late for insertion in Charts.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 13TH NOV.



GENERAL INFERENCE

The passage of a "V" shaped secondary depression across these islands will be accompanied by a further increase in the strength of the wind from West and North-West, with

WEATHER PROSPECTS.

squally showery weather. As the disturbance moves away to the Continent a temporary improvement will be experienced in most districts

FORECASTS FOR THE 24 HOURS NOON FRIDAY

TO NOON SATURDAY.

0 {
a
b
1 {
2 {
a
b

Westerly to North Westerly winds, freshening considerably; squally and showery at first, improving temporarily later, and becoming colder.

3 {
4 {
a
b
5 {

Westerly to North Westerly winds, strong, a gale in places; squally and showery at first, improving temporarily later and becoming colder.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

NORTH CONE HOISTED.
at 8.20am y'day Districts 3+5
at 8.30am today " 0+6-10.

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

North Westerly gales and strong winds, moderating and backing later; squally and showery at first, improving temporarily later, and becoming colder.

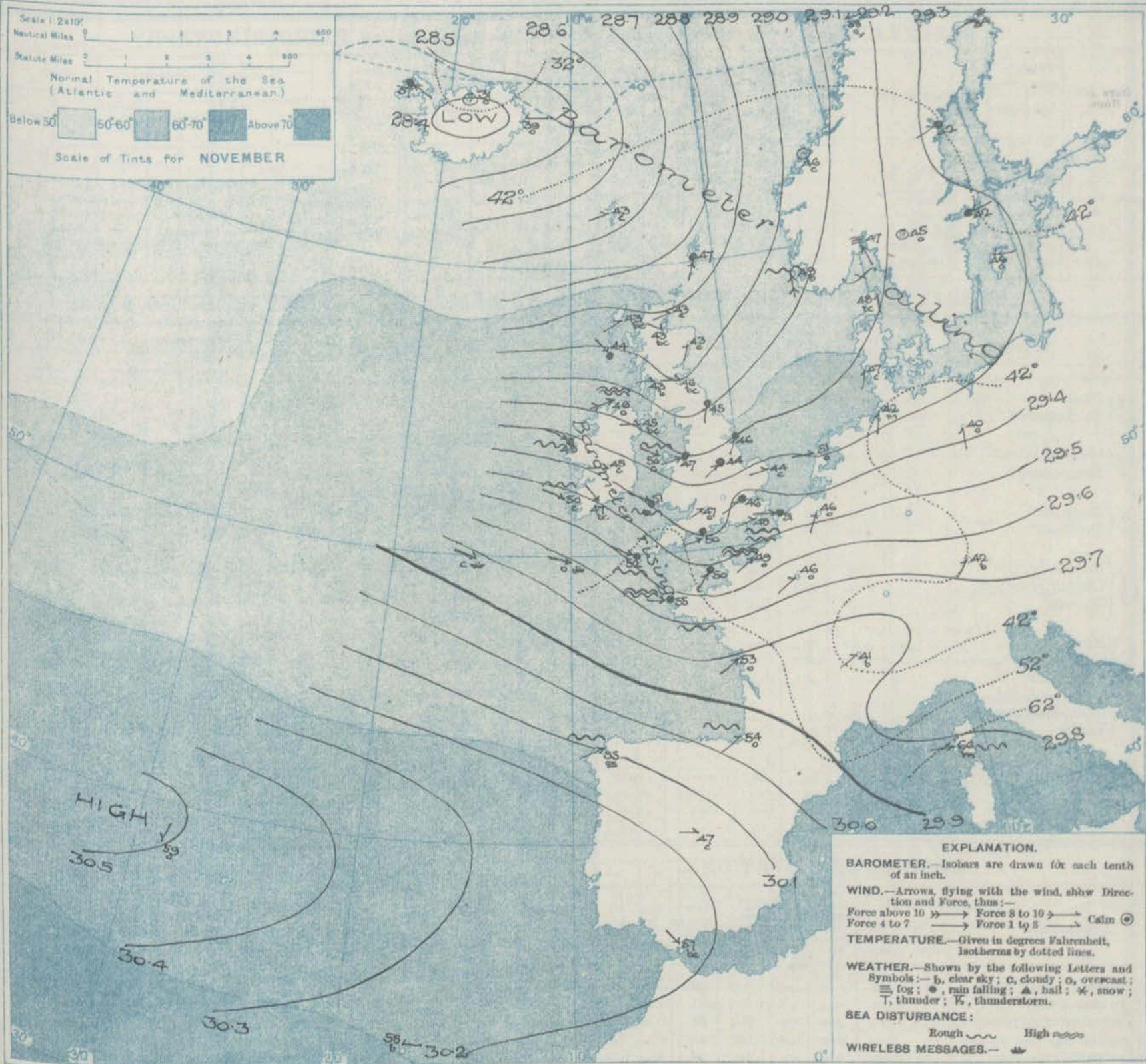
11 WESTERN CHANNEL AND BAY.

Westerly to North Westerly gales and strong winds, with a high sea; squally, showery, becoming colder.

THE FURTHER OUTLOOK. (All Districts)

Changeable weather is likely to continue

SYNOPTIC CHART FOR 7 A.M. FRIDAY, 14TH NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The centre of a new depression has appeared over Ireland, where the barometer has fallen to about 28.4 in. A "V" shaped secondary disturbance is passing across the United Kingdom, and is causing a fall of the barometer over North Western Europe generally.

The wind is strong or high from the westward or North-westward on all our western coasts. In the north and east of Great Britain it is moderate from the South-westward, while on the eastern side of the North Sea it is southerly, with a gale at Maderness. Temperature has risen somewhat over the greater

part of England and Ireland, but fallen elsewhere
Over the United Kingdom the readings range from
50° or slightly above it on our north-west coasts to a
little below 45° in Scotland and Central England.
The weather is in a cloudy, unsettled state generally,
with rain in many parts of England, Ireland and
the Continent, and snow at Akuseyni.

DAILY WEATHER REPORT.

Friday, 14th November, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward H Inward H	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward H Inward H	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
14th 7 a.m.	49	16	Oceanic	H	29.85	-0.3	WNW	6-7	C	13th 7 a.m.	50	28	Mount Royal	H	29.85	-0.1	WSW	4-5	O.
" "	49	9	New York	H	29.74	-0.1	WNW	6-7	O.	" "	48	28	Oceanic	H	30.09	-0.2	W	4-5	O.
13th 6 p.m.	49	22	Oceanic	H	30.22	-0.3	W	6-7	O.	" "	49	21	New York	H	29.91	-0.9	W	1-3	T.
" "	56	15	Hesperian	H	29.20	-0.14	SW	6-7	O.	" "	56	20	Hesperian	H	29.59	-0.3	SW	1-2	C.
" "	49	15	New York	H	29.88	-0.3	W	4-5	T.	" "	52	18	Mountfort	H	29.74	-0.2	N	4-5	C.
" "	51	14	Mountfort	H	29.59	-0.7	SSW	4-5	O.										
" 11 p.m.	49	11	Zealand	H	29.78	+0.3	NW	4-5	C.										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland. (Oban ...)	0.03	52	44	c.b.c.	o.b.c.	2.7	Margate ...	1.03	47	41	r.	r.	0.0
(St. Andrews ...)	"	"	"	"	"	"	Ramsgate ...	0.6	50	41	"	"	0.4
England, N.E. (Harrogate ...)	0.03	49	43	o.b.c.	o.	0.3	Folkestone ...	0.61	"	41	r.b.c.	b.c.	1.1
(Scarborough ...)	"	50	45	o.c.	o.c.	0.0	Hythe ...	"	"	"	"	"	1.2
England, N.W. (Blackpool ...)	0.05	51	44	or	cp.o.	1.8	Littlestone ...	"	"	"	"	"	0.9
(Southport ...)	0.07	50	45	o.c.o.	o.c.p.t.	0.8	Hastings ...	0.61	54	41	or.c.	o.b.c.	1.2
Mid-lands. (Buxton ...)	0.38	46	40	c.or	c.	0.0	Bexhill-on-Sea ...	0.59	48	42	e	o.c.	0.6
(Leamington Spa ...)	0.72	51	40	o	o	0.3	Eastbourne ...	0.60	55	43	bc.oq	og.	0.6
(Malvern ...)	0.51	52	42	cp.o	cp.	0.0	Seaford ...	0.80	55	41	c	c	1.8
Wales. (Rhyl ...)	0.65	51	43	"	"	0.3	Brighton ...	0.59	49	43	c.o	c.o.	1.6
(Colwyn Bay ...)	0.58	51	43	r	o.c.b.c.	0.0	Worthing ...	0.44	49	41	c	c	2.6
(Llandudno ...)	"	51	43	op	o.	0.0	Littlehampton ...	0.31	"	"	"	"	2.0
(Bettws-y-Coed ...)	"	"	"	"	"	"	Ryde ...	0.36	49	42	o.c	bc.c.	2.3
(Aberystwyth ...)	0.66	51	44	or.o	c.or.	0.2	Ventnor ...	0.45	48	45	"	"	3.3
(Tenby ...)	0.10	50	40	b	bc.	5.2	Bournemouth ...	0.25	48	40	c	bc.	1.2
England, E. (Lowestoft ...)	0.14	51	41	c.o.c	op.or.	0.7	Weymouth ...	0.21	50	42	bc	bc.b.	2.1
(Felixstowe ...)	0.64	46	40	m.ogt.	m.ogt.	0.0	Exmouth ...	0.27	56	42	bc	bc.b.	5.5
(Walton-on-Naze ...)	0.85	48	40	odp.or.	g.or.	0.0	Teignmouth ...	0.27	51	42	b.b.c.	b.b.c.	5.0
(Southend-on-Sea ...)	0.85	47	42	or	or	0.0	Torquay ...	0.18	51	41	b	bc.	4.8
							Paignton ...	0.16	52	41	b.b.c.	b.b.c.	5.4
							Falmouth ...	0.13	50	43	cpb	bc.o.	5.8
							Bude ...	0.22	52	47	py.b.c.	bc.	4.8
							Ilfracombe ...	0.23	51	45	c	c.	1.6
							Weston-super-Mare ...	0.20	51	42	cu	bc.c.	0.3

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.		Rain-fall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obs.) ...	87	95	0.0	49	43	0.32	0.0	0.0	0.6.0
City (Bunhill Row) ...	"	"	0.0	"	"	"	"	"	"
Westminster (St. James's Pk.)	93	99	0.0	50	44	0.28	r	0.0	r
Camden Sq. (Brit. Rainfall)	89	100	0.0	49	43	0.32	ed.or	o.ed	bc.or.
Hampstead (Reservoir) ...	"	91	0.0	47	42	0.29	or	or	or.
Richmond Park ...	"	"	0.0	"	"	"	"	"	"
Kew. (See front page)	"	"	0.0	"	"	"	"	"	"
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.				Average Rate.		Max. Rate.			
89				2.7		3			
Joules.				Milliwatts.		Milliwatts.			

Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		Night Min. on Grass.	WEATHER.		Sunshine for Yesterday.
		In Screen.	Min.		Night.	Forenoon.	
Dublin to 4 p.m.	0.12	49	37	35	r.c.b.	bc	"
Plymouth to 9 p.m.	"	"	"	"	"	"	"
Darwen "	0.23	47	41	39	or	oup	0.2
Manchester "	0.24	51	44	"	or.o	c.o	0.0
Birmingham "	0.46	49	41	38	+	o	0.1
Oxford to 8 p.m.	"	51	42	40	or	ogpp	"
S. Kensington (Museum Grounds to 8 p.m.)	0.30	53	43	40	o.p.	or.o	0.0

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

14th & 15th Nov. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.14 7.16	G.M.T. 11.38 11.38	G.M.T. 4.2 4.0
Greenwich ...	7.18 7.20	11.45 11.45	4.12 4.10
Wick ...	8.0 8.3	11.57 11.57	3.53 3.51
Valencia ...	8.1 8.3	12.26 12.26	4.3 4.49

NOTES ON YESTERDAY'S WEATHER.

The maximum temperatures recorded over these Islands were lower than of late; at a large number of stations the thermometer failed to reach 50°. Little or no bright sunshine was recorded over Eastern and Central England, but in Ireland and the south-west of England the duration was large for the time of year. Rain fell generally, and thunder was heard at Southport. Wireless reports show that as far west as the 18th meridian ships experienced moderate to fresh breezes from the N.W., and fair weather; further to the westward the wind was backing to W. and S.W.

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

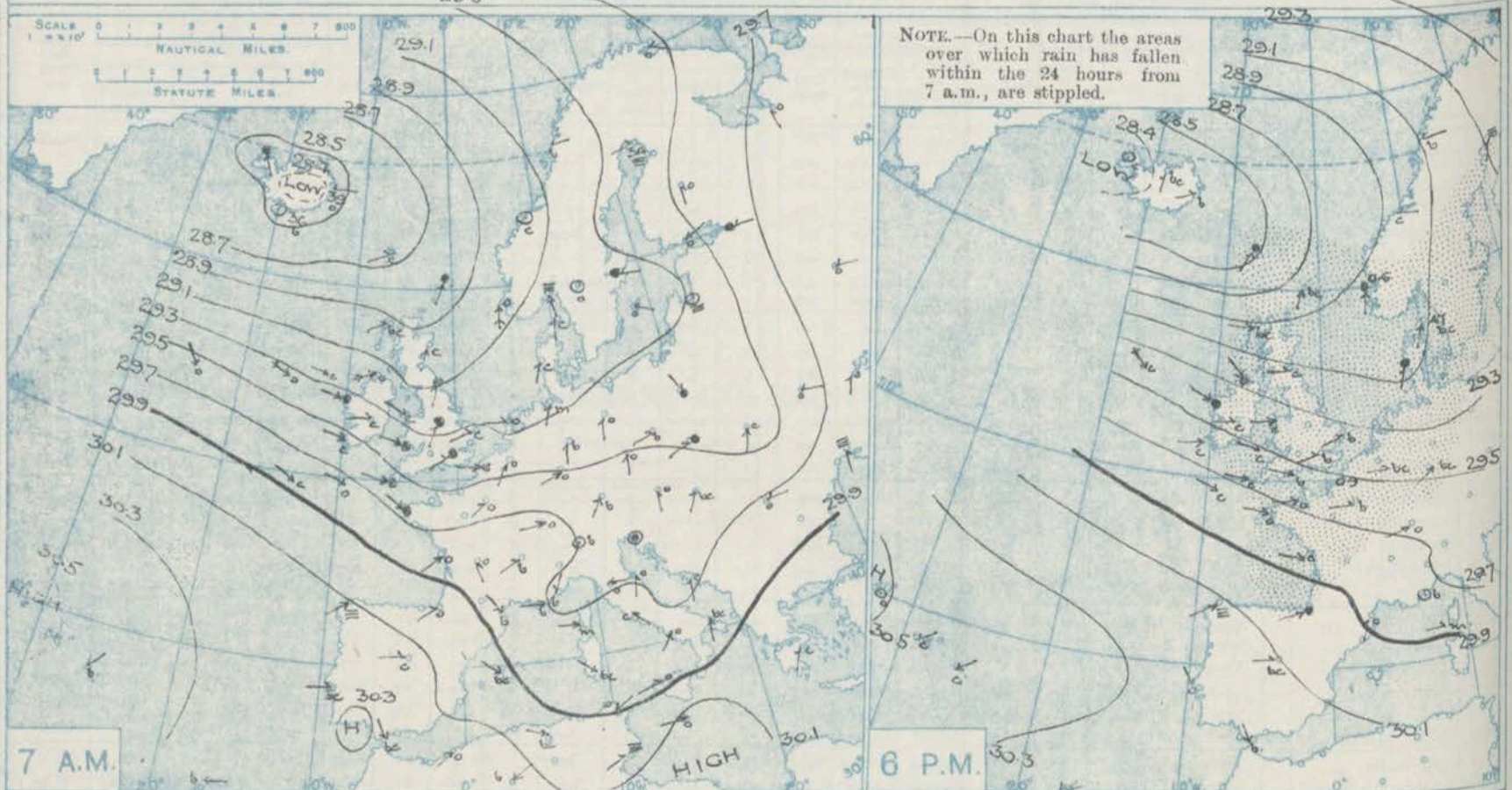
Saturday,
15th November, 1913.

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.	Wet Bulb.	Dirac.				At 32° F. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dirac.	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.		Hours
BRITISH ISLANDS.																								
Lerwick	28.76	46	SSW	3	bc	29.01	+0.6	42	-5	WSW	3	bc	3	0.31	48	41	or bc	bc	bc	bc	bc	bc	bc	2.0
Stornoway	28.98	43	W	7	bc	29.15	+0.2	40	-3	SW	5	cp	4	0.17	46	37	bc	bc	bc	bc	bc	bc	bc	1.0
Castlebay (Barra Isd.)	29.08	44	WNW	5	cp	29.25	+0.3	44	0	W	5	cp	4	0.17	48	41	cp	cp	cp	cp	cp	cp	cp	2.5
Glasgow	29.16	41	WSW	3	bc	29.33	+0.3	41	-2	WSW	4	bc	7	0.24	46	38	bc	bc	bc	bc	bc	bc	bc	2.5
Malin Head... ..	29.17	46	NW	8	cgr	29.35	+0.2	44	-2	WNW	3	c.	7	0.38	49	40	cgr	cgr	cgr	cgr	cgr	cgr	cgr	2.5
Blacksod Point	29.38	45	WNW	6	cgr	29.51	+0.3	46	-2	WNW	6	cgr	5	0.29	50	43	cgr	cgr	cgr	cgr	cgr	cgr	cgr	2.5
Valencia	29.59	49	W	6	cgr	29.78	+0.2	49	-1	WNW	5	cp	5	0.21	51	45	cp	cp	cp	cp	cp	cp	cp	1.6
ROCHE'S POINT.																								
Roche's Point	29.56	48	W	3	c	29.70	+	45	-2	WNW	2	c	3	0.02	51	43	bc	bc	bc	bc	bc	bc	bc	3.3
Birr Castle	29.43	45	W	3	c	29.59	+	42	-3	W	2	c	3	0.06	49	40	cp	cp	cp	cp	cp	cp	cp	2.5
Donaghadee	29.25	45	SW	2	c	29.42	?	39	-6	W	3	bc	3	Trace	48	39	bc	bc	bc	bc	bc	bc	bc	2.5
Liverpool Obsy.	29.35	47	W	6	c	29.50	+0.6	45	-2	W	5	cp	5	0.14	49	43	cp	cp	cp	cp	cp	cp	cp	2.5
Holyhead	29.40	49	W	5	cgr	29.56	+0.6	47	-3	WNW	5	cgr	5	?	51	45	cgr	cgr	cgr	cgr	cgr	cgr	cgr	2.5
Pembroke (St. Ann's Hd.)	29.51	50	WNW	6	c	29.67	+0.4	49	-2	WNW	6	cgr	6	0.19	52	45	cp	cp	cp	cp	cp	cp	cp	2.5
Newquay	29.61	51	WNW	7	bc	29.76	+0.7	50	-3	W	6	c	6	0.11	53	47	cp	cp	cp	cp	cp	cp	cp	1.5
SCILLY (St. Mary's).																								
Scilly (St. Mary's)	29.66	51	WNW	6	cp	29.78	+0.3	49	-3	WNW	7	cp	7	0.12	53	47	cp	cp	cp	cp	cp	cp	cp	0.4
Jersey (St. Aubin)	29.66	53	W	5	cp	29.80	+	52	+2	WNW	5	bc	4	0.27	57	48	cp	cp	cp	cp	cp	cp	cp	0.8
Portland Bill	29.58	51	WNW	6	b	29.68	+0.7	50	0	WNW	7	bc	5	0.15	55	47	cp	cp	cp	cp	cp	cp	cp	2.5
Dungeness	29.48	48	WNW	5	b	29.58	+0.2	44	-4	WNW	5	b	4	0.25	53	43	cp	cp	cp	cp	cp	cp	cp	2.5
Dover	29.48	45	W	3	bm	29.60	+	42	-4	W	3	bm	4	0.28	51	41	cp	cp	cp	cp	cp	cp	cp	2.4
WICK.																								
Wick	29.92	42	SW	3	bc	29.14	+0.3	39	-4	SW	3	bc	3	Trace	47	36	bc	bc	bc	bc	bc	bc	bc	2.5
Nairn	29.01	42	W	3	cp	29.20	+	39	-4	WSW	2	c	2	Trace	46	37	bc	bc	bc	bc	bc	bc	bc	4.2
Aberdeen	29.04	42	WSW	3	b	29.23	+0.3	39	-4	WSW	3	o	2	Trace	49	37	bc	bc	bc	bc	bc	bc	bc	5.6
Leith	29.12	44	WSW	4	bc	29.27	+0.5	41	-5	SW	2	b	2	Trace	48	40	bc	bc	bc	bc	bc	bc	bc	2.5
North Shields	29.19	45	W	2	c	29.34	+0.5	42	-3	SW	2	c	2	0.01	48	39	c	c	c	c	c	c	c	?
Spurn Head	29.26	48	W	6	bc	29.39	+0.6	45	-1	W	6	cp	5	0.12	50	43	cp	cp	cp	cp	cp	cp	cp	4.0
YARMOUTH.																								
Yarmouth	29.36	45	SW	2	b	29.49	+0.2	43	-1	WSW	1	bc	1	0.06	51	42	cp	cp	cp	cp	cp	cp	cp	2.5
Clacton-on-Sea	29.41	46	WNW	3	b	29.54	+0.5	43	-3	W	2	bc	2	0.06	50	42	cp	cp	cp	cp	cp	cp	cp	2.4
Nottingham... ..	29.39	45	W	3	bc	29.52	+	41	-3	W	4	b	2	0.04	50	41	cp	cp	cp	cp	cp	cp	cp	2.2
Bath	29.51	48	W	3	b	29.67	+	44	-3	W	4	b	2	0.06	52	42	cp	cp	cp	cp	cp	cp	cp	5.6
London (Kew Obsy.)... ..	29.50	46	WSW	1	b	29.62	+0.6	42	-4	WSW	2	b	2	0.20	53	41	cp	cp	cp	cp	cp	cp	cp	2.9
ICELAND, FAEROE, &c.																								
Spitzbergen	29.69	11	SE	2	b	29.76	+0.4	13	+14	SE	2	b	2	0.13	13	-1	bc	bc	bc	bc	bc	bc	bc	2.5
Isafjord... ..	28.38	32	-	0	c	28.47	+0.4	30	-7	NE	4	c	4	0.13	30	-7	bc	bc	bc	bc	bc	bc	bc	2.5
Reykjavik																								
Vestmanna																								
Seydisfjord	28.46	35	SW	2	b	28.46	0.00	34	-5	SW	3	b	3	0.13	34	-5	bc	bc	bc	bc	bc	bc	bc	2.5
Thorshavn	28.42	43	SSW	6	r	28.83	+0.08	39	-4	WNW	5	bc	5	0.13	39	-4	bc	bc	bc	bc	bc	bc	bc	2.5
SCANDINAVIA.																								
Haparanda	29.34	37	SSW	2	f	29.39	0.00	34	0	-	0	f	0	0.04	39	34	bc	bc	bc	bc	bc	bc	bc	2.5
Hernösand	29.26	41	-	0	o	29.24	+0.2	37	-5	-	0	r	0	0.16	43	36	bc	bc	bc	bc	bc	bc	bc	2.5
Stockholm	29.14	40	NE	2	o	29.18	+0.4	40	-2	NE	2	o	0	0.04	43	37	bc	bc	bc	bc	bc	bc	bc	2.5
Wisby	29.12	44	WSW	2	c	29.17	+0.3	46	0	WSW	4	c	0	Trace	46	43	bc	bc	bc	bc	bc	bc	bc	2.5
Karlstad	29.14	42	-	0	o	29.16	+0.4	41	-4	-	0	r	0	0.16	46	39	bc	bc	bc	bc	bc	bc	bc	2.5
VARDÖ.																								
Vardö	29.54	32	SE	6	e	29.62	+0.2	30	-4	SE	6	o	3	?	36	21	bc	bc	bc	bc	bc	bc	bc	2.5
Bodö	29.15	44	E	2	b	29.10	+0.2	45	+7	E	2	b	1	-	45	37	bc	bc	bc	bc	bc	bc	bc	2.5
Christiansund	29.90	49	ESE	2	c	29.00	+0.4	46	0	-	0	o	2	-	50	43	bc	bc	bc	bc	bc	bc	bc	2.5
Skudesnaes	28.98	46	S	6	r	29.08	+0.3	44	-5	WNW	4	c	4	0.59	49	43	bc	bc	bc	bc	bc	bc	bc	2.5
Færder (Xtania Fjord)	29.08	47	S	4	o	29.08	+0.2	45	-2	SE	5	r	3	0.28	48	45	bc	bc	bc	bc	bc	bc	bc	2.5
The Scaw (Skagen)... ..	29.08	47	SSW	4	bc	29.10	+0.2	45	-3	WSW	1	o	0	0.12	48	43	bc	bc	bc	bc	bc	bc	bc	2.5
Blaavands Huk	29.07	46	SSW	1	r	29.23	+0.3	48	+1	WNW	3	c	2	0.16	48	45	bc	bc	bc	bc	bc	bc	bc	2.5
GERMANY, &c.																								
Cuxhaven	29.13	45	S	2	r	29.34	+0.6	44	+2	WSW	3	bc	2	0.16	48	42	bc	bc	bc	bc	bc	bc	bc	2.5
Berlin	29.33	44	SW	2	o	29.44	+0.6	46	+6	W	4	c	4	0.12	48	40	bc	bc	bc	bc	bc	bc	bc	2.5
Frankfurt	29.16	45	SW	5	o	29.65	+0.2	44	+	SW	3	c	0	0.16	48	41	bc	bc	bc	bc	bc	bc	bc	2.5
Munich	29.64	45	W	4	o	29.79	+0.6	41	-1	NW	5	c	0	-	48	41	bc	bc	bc	bc	bc	bc	bc	2.5
The Helder	29.25	51	W	6	bc	29.42	+0.4	48	-3	W	4	c	7	0.28	52	48	bc	bc	bc	bc	bc	bc	bc	2.5
Brussels	29.50	45	W	3	bc	29.58	+0.1	43	-3	WSW	3	o	0	0.20	50	41	bc	bc	bc	bc	bc	bc	bc	2.5
FRANCE.																								
C. Gns Nez... ..	29.51	51	WNW	7	bc	29.60	+0.4	47	-4	WNW	6	bc	5	0.87	55	46	bc	bc	bc	bc	bc	bc	bc	2.5
La Hève	29.56	52	WNW	6	o	29.71	+	50	+1	WNW	6	cp	7	0.28	54	45	bc	bc	bc	bc	bc	bc	bc	2.5
Ushant... ..	29.80	54	NW	6	bc	29.88	+	53	-4	NW	4	o	7	0.16	57	48	bc	bc	bc	bc	bc	bc	bc	2.5
Brest (St. Mathieu)	29.78	51	WNW	5	o	29.89	+0.6	53	-2	WNW	5	o	4	0.12	59	50	bc	bc	bc	bc	bc	bc	bc	2.5
Lorient (Bec Melon)	29.79	54	NW	5	o	29.89	+	54	0	NW	5	o	4	0.16	59	48	bc	bc	bc	bc	bc	bc	bc	2.5
Rochefort (Ile d'Aix)	29.82	57	WNW	6	o	29.97	+0.4	57	+4	WNW	6	r	4	0.35	57	53	bc	bc	bc	bc	bc	bc	bc	2.5
Biarritz	29.94	57	WSW	6	r	30.11	+0.8	57	+3	WNW	4	o	3	0.20	57	52	bc	bc	bc	bc	bc	bc	bc	2.5
PARIS.																								
Paris	29.62	48	WSW	2	b	29.73	+0.3	45	-1	SW	3	b	0	0.08	50	44	bc	bc	bc	bc	bc	bc	bc	2.5
Belfort	29.68	44	WSW	6	o	29.91	+	43	+2	WSW	6	o	0	0.04	45	39	bc	bc	bc	bc	bc	bc	bc	2.5
Lyons																								
Nice	29.72	49	-	0	b	29.74	+0.5	52	+6	-	0	b	1	-	57	46	bc	bc	bc	bc	bc	bc	bc	2.5
Perpignan	29.89	56	SSW	2	o	30.02	+0.1	56	+5	W	2	bc	0	-	61	50	bc	bc	bc	bc	bc	bc	bc	2.5
Sanguinaire	29.89	60	W	3	m	29.91	+	62	-4	W	6	m	6	-	66	55	bc	bc	bc	bc	bc	bc	bc	2.5
SPAIN, PORTUGAL, &c.																								
Corunna (8 a.m.)	30.13	57	WSW	6	f	30.20	+0.4	57	+2	WSW	1	o												

* 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. 14TH NOV. 1905



GENERAL INFERENCE

WEATHER PROSPECTS.

The depression over the Icelandic region is likely to move away to the north-eastward, but there are some slight indications of the advance of another disturbance from the

westward. The wind on our western coasts, may therefore be expected to back to the south-westward in the course of the ensuing twenty-four hours.

FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

- 0 { a } Westerly and south-westerly
- 1 { b } winds, moderate; cold and rather
- 2 { a } changeable, local showers.
- 2 { b }
- 3 { a } Westerly winds, moderate
- 4 { b } or fresh; mostly fair, but local
- 5 { a } showers not improbable; normal
- 5 { b } temperature.



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.

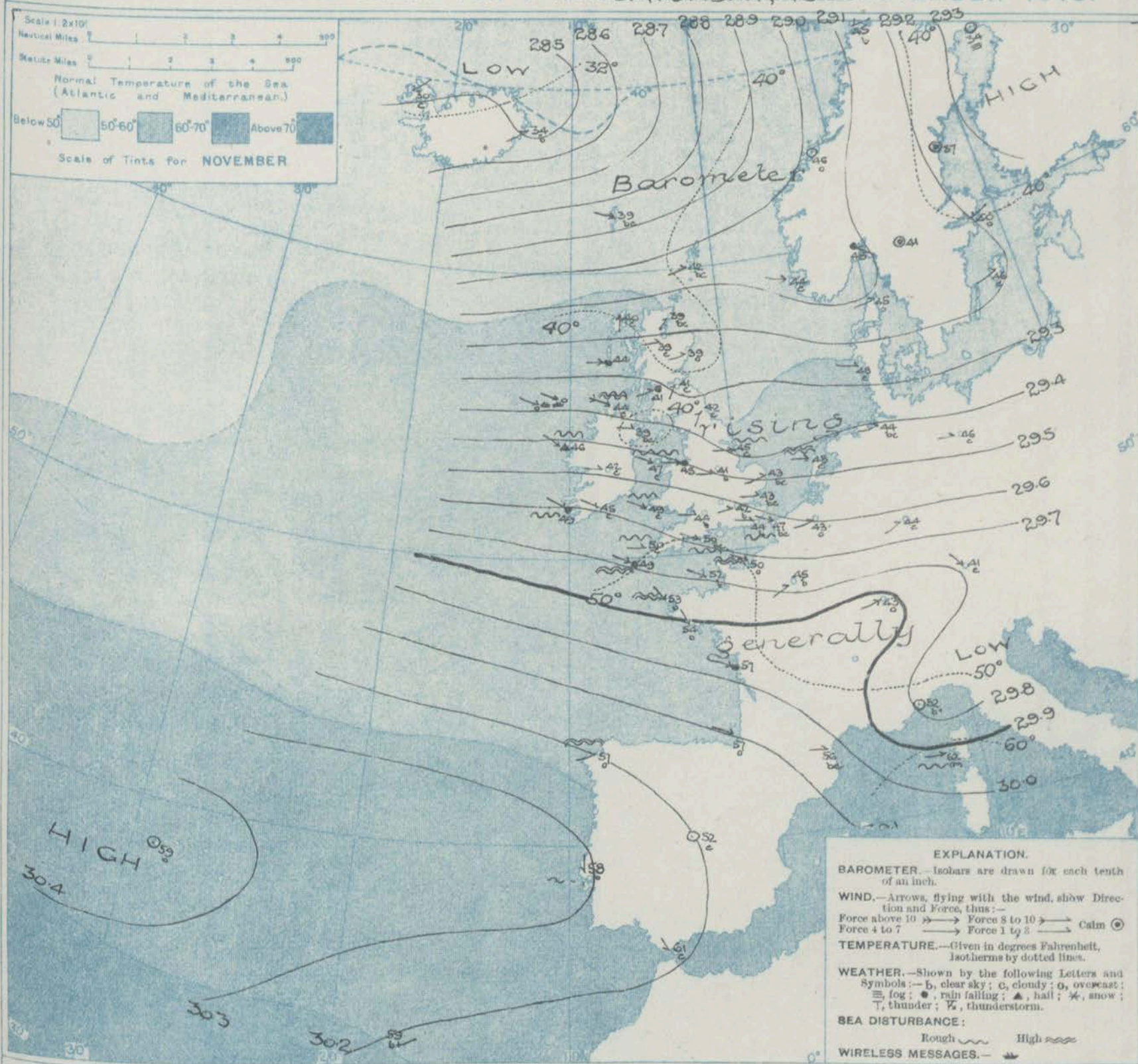
NORTH CONE HOISTED in Districts 0 and 5-10 at 8.30am yesterday. The **SOUTH CONE** was hoisted in part of Oct 2.50pm.

- 6 { a } Strong westerly and south-
- 6 { b } westerly winds, backing later
- 7 { a } to the south-westward; fair
- 7 { b } generally, but local showers;
- 8 { a } normal temperature.
- 8 { b }
- 9 { a }
- 9 { b }
- 10 { a }
- 10 { b }

11 WESTERN CHANNEL AND BAY.
Strong and squally westerly winds, with a high sea; fair generally, but local showers; normal temperature.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. SATURDAY, 15TH NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression which was centred yesterday over Iceland is moving away slowly in a north-easterly direction, and the barometer is at present rising over Western Europe generally. A large anticyclone extends from the Azores region to Spain and the Western Mediterranean.

The wind is chiefly Westerly or North-Westerly, and is strong or high in force on all the more exposed parts of the English, Irish and French Coasts. Over Northern Scandinavia it is calm or light from the Eastward. Temperature has fallen in most places. Over the United Kingdom the morning

readings range from 50° or a trifle less on the South Coast of England to a little below 40° in the northern parts of Ireland and Scotland. The Continental values range from 61° at Gibraltar, and 54° at Rochefort and Biscaya, to 35° and less in Lapland. Showers are falling on our western coasts and steady rain at some of the Swedish stations, but over the remainder of our area of observation the weather is at present fair. The sea is high at the mouth of the Channel and in the Bay, and rough or rather rough on the English and Irish coasts.

DAILY WEATHER REPORT.

Saturday, 15th November 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. Inward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
15th 7 a.m.	55	11	Megantic	H	29.40	-0.03	WNW	6-7	C.
" " "	55	11	Megantic	O	"	"	"	"	"
14th 6 p.m.	55	18	Megantic	H	29.40	-0.10	NW	8-9	bc.
" " "	54	9	Megantic	H	29.74	-0.02	WNW	6-7	C.
" 7 a.m.	54	23	Megantic	H	29.60	-0.00	NW	8-9	O.
" ? 6 p.m.	55	16	Cosican	O	29.29	+0.10	WNW	8-9	O.
" 7 a.m.	55	13	Cosican	O	29.12	-0.04	WNW	6-7	C.

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.	
Scot. land.	In.	F.	F.			Hr.
(Oban ...)	0.02	52	44	p	og	1.9
(St. Andrews ...)	0.10	50	40	b	b	6.4
Eng. N.E.						
(Harrogate ...)	0.10	48	40	bcp.b	b.bc.p.	5.3
(Scarborough ...)	"	51	42	o.c	c.b.	4.7
Eng. N.W.						
(Blackpool ...)	0.31	51	45	or	eqp.o.	4.7
(Southport ...)	0.28	50	44	og.c	c.bcp.p.	3.5
Mid-lands.						
(Buxton ...)	0.43	45	40	bc.r	bc.	1.6
(Leamington Spa ...)	0.22	51	63	c	c.	4.6
(Malvern ...)	0.21	50	43	r.b	b.bc.	6.6
Wales.						
(Rhyl ...)	0.17	50	44			4.0
(Colwyn Bay ...)	0.16	50	41	v.bc	bc.	3.6
(Llandudno ...)	"	51	45	cp.o	o.	"
(Bettws-y-Coed ...)						
(Aberystwyth ...)	0.29	50	46	v.o.c	c.or.	2.3
(Tenby ...)	0.14	53	48	e.bc	bcp.	5.0
England, S.E.						
(Lowestoft ...)	0.18	50	43	or.c	c.bc.b.	2.4
(Felixstowe ...)	0.17	50	40	m.ogp.	bc.bq.	2.7
(Walton-on-Naze ...)	0.29	50	40	or.c.bc	b.	2.5
(Southend-on-Sea ...)	0.15	51	42	op	b.	4.0
England, S.W.						
(Margate ...)	0.40	51	42	or	bc.	2.0
(Ramsgate ...)	0.41	51	42	"	"	2.7
(Folkestone ...)	0.32	52	43	bc.	bc.	2.5
(Hythe ...)	"	"	"	"	"	"
(Littlestone ...)	"	"	"	"	"	2.5
(Hastings ...)	0.35	54	42	or.bc	b.	4.1
(Bexhill-on-Sea ...)	0.30	54	44	og.bc.	bc.b	4.0
(Eastbourne ...)	0.30	54	45	o.bcp.	bcp.	3.1
(Seaford ...)	0.35	55	41	r	bc	3.2
(Brighton ...)	0.37	54	46	or	bc.	3.8
(Worthing ...)	0.28	54	44	r.or.bc.	bc.	2.8
(Littlehampton ...)	0.19	"	"	"	"	4.7
(Southsea ...)	0.14	54	45	o.bc.b	b.bc.	5.0
(Ryde ...)	0.05	53	49	"	"	5.5
(Ventnor ...)	0.20	"	45	"	"	4.3
(Bournemouth ...)	"	53	43	c.bc	bc.b.	4.5
(Weymouth ...)	0.14	54	47	bc	b.	3.5
(Exmouth ...)	0.04	55	46	d.c.bc.	bc.b.	4.0
(Teignmouth ...)	0.07	52	46	q.bc	bc.	4.2
(Torquay ...)	0.07	53	46	bc	bc.	4.5
(Paignton ...)	0.12	54	41	c.bcp	b.	4.4
(Falmouth ...)	0.26	52	45	r.c	o.c.	2.3
(Bude ...)	0.15	53	48	pg	bc.	2.5
(Ilfracombe ...)	0.20	54	48	"	cpq.	1.8
(Weston-super-Mare ...)	"	52	44	"	b.bc.	5.8

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.				Rain- fall.	WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.						
				Max.	Min.							
							24 HOURS ENDED 9 A.M. TO-DAY.			Fore- noon.	After- noon.		Night.
%	%	Hr.	F.	F.	F.	In.	Hr.					
Greenwich (Royal Obsy.) ...	63	83	2.7	53	41	35	0.07	c.bc	cp. bc	b.		
City (Bunhill Row) ...	"	"	2.1	"	"	"	"	"	"	"		
Westminster (St. James's Pk.)	74	89	2.5	53	41	37	0.06	bc.c.	b.bc	b.		
Camden Sq. (Brit. Rainfall)	65	87	3.1	53	41	37	0.10	bc.c.	bc.b	b.		
Hampstead (Reservoir) ...	"	86	3.2	50	40	28	0.10	bc.c.	bc	bc.		
Richmond Park ...	"	"	3.0									
Kew. (See front page.)												
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.												
				Total.		Average Rate.		Max. Rate.				
S. Kensington (Roof of M.O.)				206 Joules.		64 Milliwatts.		25 Milliwatts.				

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
		In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
In.	F.	F.	F.	Hr.				
Dublin to 4 p.m.	0.02.	49	43	41	c.c.p.b.	b.	cp.p.	"
Plymouth to 9 p.m.	0.17	53	47	40	bc	bc	c.b.	2.1
Darwen "	0.54	47	40	38	bc.c.	bc.c.	b.p.	2.9
Manchester "	0.46	50	42	"	bc.c.	bc.c.	c	2.0
Birmingham "	0.28	49	42	38	c	c	c	4.7
Oxford to 8 p.m.	"	52	44	28	c.c.	c.c.	c.b.c.	"
S. Kensington (Museum Grounds to 6 p.m.)	0.26	53	45	33	bc.c.	bc.c.	c.b.	"

NOTES ON YESTERDAY'S WEATHER.

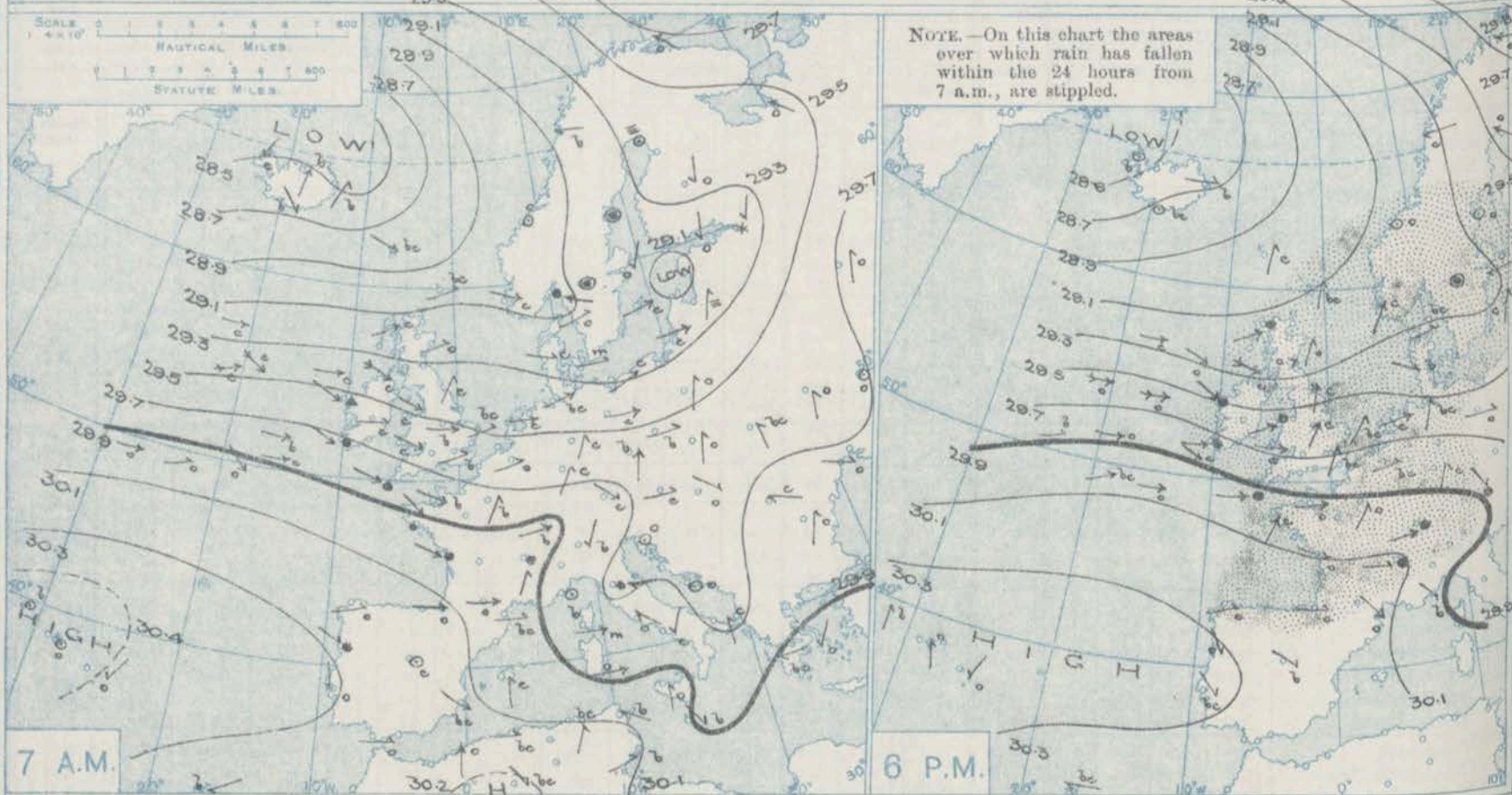
Over the major part of England and Ireland the thermometer rose to between 50° and 55°, and at Jersey it touched 57°. The amount of bright sunshine was as a rule fairly large for the time of year. Showers fell very generally, and hail was observed at some of our western stations. Wireless reports show that as far west as the 23rd meridian ships experienced gales and high winds from the North-Westward, with cloudy weather.

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

† Received too late for insertion in Charts.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 15TH NOVEMBER.



GENERAL INFERENCE

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON

TO NOON

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

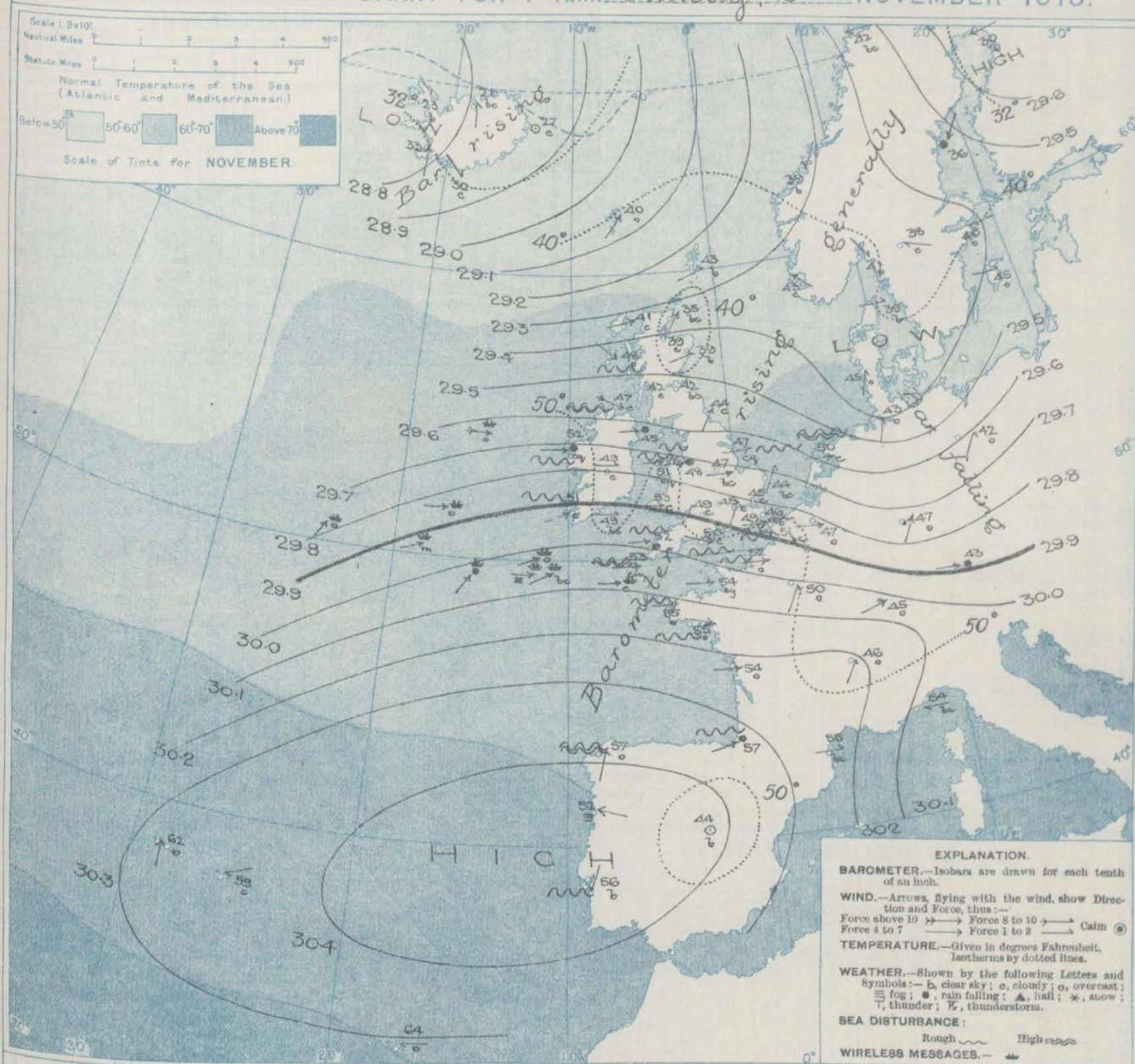
10 { a
b

11 WESTERN CHANNEL AND BAY.

None Issued.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Sunday, 16th NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is below 28.8 in. in the west of Iceland, and relatively low over Denmark and the south of Scandinavia, while in the central portion of an anticyclone extending from near the Azores to beyond Madrid it is above 30.4 in. Except in Denmark and North Germany, where a fall is in progress, the barometer is rising.

Over the United Kingdom and its vicinity the main wind current is westerly, and in many exposed places a fresh to strong breeze is reported. At Malin Head a gale continues. Wireless reports show that a South-westerly to easterly wind,

strong to a gale, prevails between the Irish coast and the 23rd meridian. Temperature has risen generally, and is now above 50° at various stations on our western and south-western coasts. In the north-east of Scotland it is below 40°;—no higher than 35° at Wick. Showers are falling in a few localities in the west of these Islands, and rain at Biarritz, Munich and Herne sand, and over the whole area of observation the sky is mostly cloudy or overcast.

DAILY WEATHER REPORT.

Sunday, 16th November, 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.	
16th Jan.	49	15	Minnehaha	H	30.08	.00	SW	4-5	r	15th 6pm	54	15	Columbia	H	29.49	-.02	W	(0-12)	0
	50	12	Marquette	O	30.00	.00	WSW	6-7	o		55	13	Mongolian	O	29.33	+.07	WNW	6-7	o
	49	11	Montreal	O	30.03	+.04	WSW	6-7	bc		51	11	Empress of Britain	O	29.80	+.07	WNW	6-7	o
15th 6pm	50	29	Scotian	H	29.80	-.06	S	6-7	o		49	28	Cymric	H	30.01	-.03	W	4-5	o
	50	24	Cymric	H	29.98	.00	WSW	1-3	b		49	23	Minnehaha	H	30.06	-.02	WSW	1-3	o
	54	21	Corsican	O	29.46	+.04	W	8-9	o		54	20	Columbia	H	29.56	-.03	WSW	8-9	c
	49	19	Minnehaha	H	30.06	-.01	WSW	6-7	bc		55	19	Corsican	O	29.42	-.03	WNW	8-9	c
	49	16	Menominee	H	30.06	+.01	W	4-5	o		49	16	Menominee	H	30.00	-.03	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.	In.	F.	F.			Hr.	Margate	In.	F.	F.			Hr.
{ Oban	{ Ramsgate	...	...	...	...	...	...
{ St. Andrews	{ Folkestone	...	...	...	...	...	...
Eng. N.E.	{ Hythe	...	...	...	...	...	...
{ Harrogate	{ Littlestone	...	...	...	...	...	...
{ Scarborough	{ Hastings	...	...	...	...	...	...
Eng. N.W.	{ Bexhill-on-Sea	...	...	...	...	...	...
{ Blackpool	{ Eastbourne	...	...	...	...	...	...
{ Southport	{ Seaford	...	...	...	...	...	...
Mid. lands.	{ Brighton	...	...	...	...	...	...
{ Buxton	{ Worthing	...	...	...	...	...	...
{ Leamington Spa	{ Littlehampton	...	...	...	...	...	...
{ Malvern	{ Southsea	...	...	...	...	...	...
Wales.	{ Ryde	...	...	...	...	...	...
{ Rhyl	{ Ventnor	...	...	...	...	...	...
{ Colwyn Bay	{ Bournemouth	...	...	...	...	...	...
{ Llandudno	{ Weymouth	...	...	...	...	...	...
{ Bettws-y-Coed	{ Exmouth	...	...	...	...	...	...
{ Aberystwyth	{ Teignmouth	...	...	...	...	...	...
{ Tenby	{ Torquay	...	...	...	...	...	...
England, S.E.	{ Paignton	...	...	...	...	...	...
{ Lowestoft	{ Falmouth	...	...	...	...	...	...
{ Felixstowe	{ Bude	...	...	...	...	...	...
{ Walton-on-Naze	{ Ilfracombe	...	...	...	...	...	...
{ Southend-on-Sea	{ Weston-super-Mare	...	...	...	...	...	...

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.			Rain-fall.	WEATHER.			STATIONS.	Rain-fall.	TEMPERATURE.			Weather.	Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.	Max.		Forenoon.	Afternoon.	Night.			In Screen.	Min. on Grass.	Max.		
Greenwich (Royal Obs.)	69	83	5.7	52	44	36	—	b	b	o	Dublin to 4 p.m.	0.01	49	41	39	cp. b	b
City (Bunhill Row)	...	...	3.5	...	...	...	...	...	...	...	Plymouth to 9 p.m.	0.04	53	45	36	bcp	bcp
Westminster (St. James's Pk.)	79	87	5.0	53	43	36	—	bc	bc	bc. b	Darwen	0.57	45	39	36	bc. cp	bc. cp
Camden Sq. (Brit. Rainfall)	64	82	4.7	53	43	37	—	b	bc	bc. c	Manchester	0.25	48	43	...	or. o	or. o
Hampstead (Reservoir)	...	84	4.9	51	41	29	—	bc	cc	c	Birmingham	...	49	40	35	...	...
Richmond Park	...	...	5.1	...	...	...	...	...	...	...	Oxford to 8 p.m.	...	51	41	36	c. b	b.
Kew. (See front page.)	...	...	...	...	...	...	...	...	...	...	S. Kensington (Museum Grounds to 6 p.m.)	Trace	51	41	32	b. bc	bc. c
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.																	
Total.				Average Rate.				Max. Rate.									
35.3 Joules.				11.1 Milliwatts.				33.0 Milliwatts.									

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

	16th Nov. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T.	G.M.T.	G.M.T.	
	7.17	11.38	3.59	
Greenwich	7.19	11.38	3.57	
	7.21	11.45	4.9	
Wick	7.23	11.45	4.7	
	8.5	11.57	3.49	
Valencia	8.7	11.57	3.47	
	8.4	12.26	4.48	
	8.6	12.26	4.46	

NOTES ON YESTERDAY'S WEATHER.

Temperatures rose to above 50° in many English and Irish districts, but only touched 42° at Wairn and 44° at Buxton. Rain fell at nearly all stations, the largest measurement being 0.61 in at Glasgow. Lightning was observed at night in Scotland and the north of Ireland. Over the greater part of England there was much bright sunshine for the time of year, about 7.5 hrs. at some stations on the south-eastern and southern coasts. According to wireless reports strong winds and gales from the W. prevailed as far west as the 25th meridian, and a strong S.W. wind further to the westward.

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

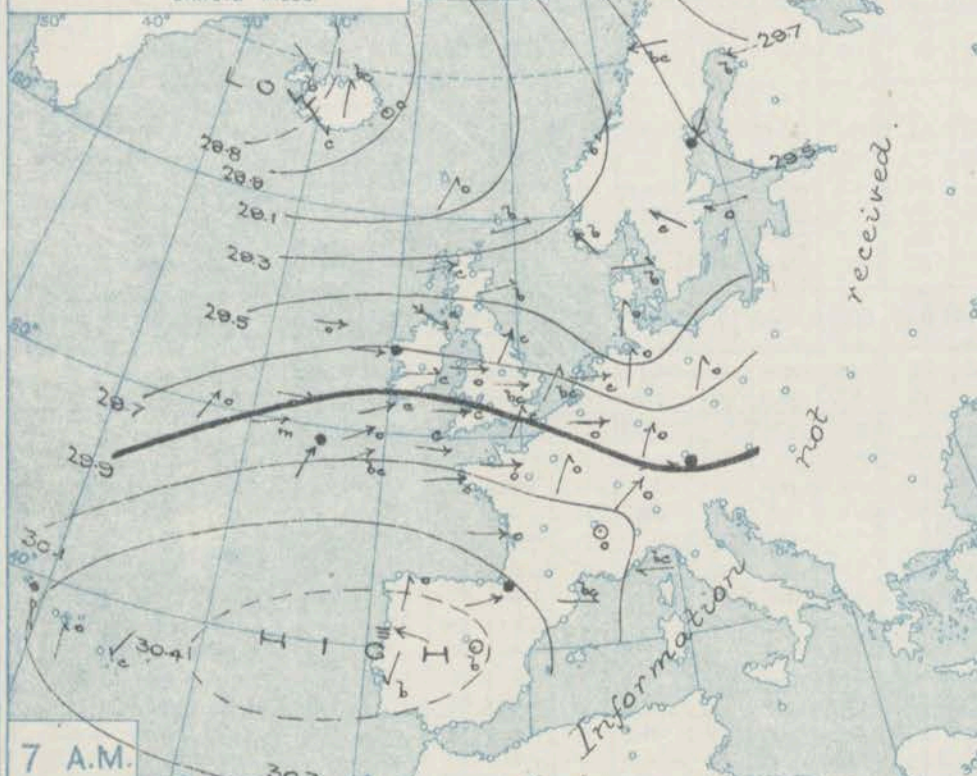
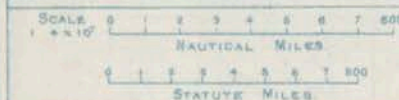
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

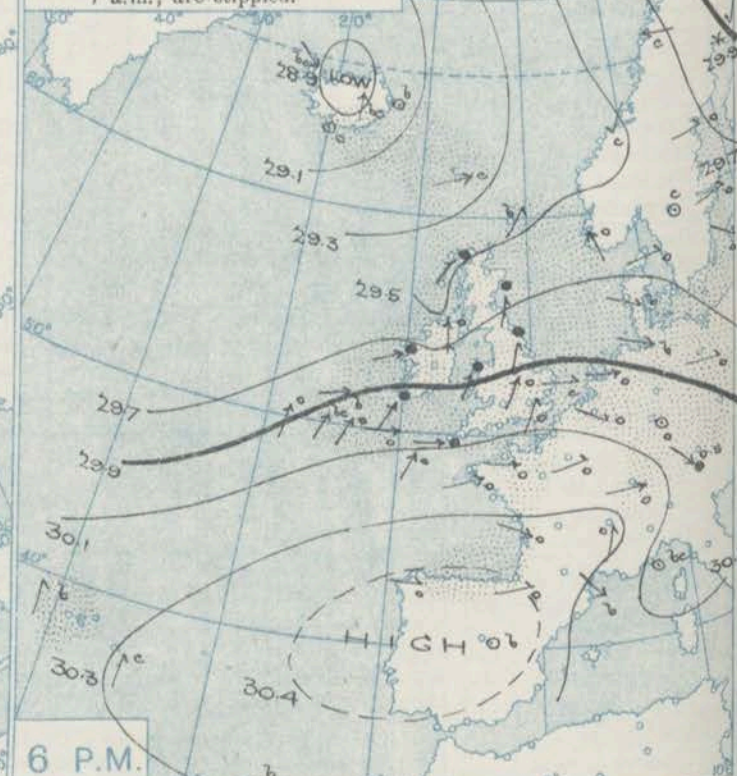
Monday,
17th November, 1913.

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° F. and M.S.L. Lat. 46°.	Dry Bulb.	Force (0 to 12).	Dir.		At 32° F. 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.	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 ...	29.42	44	SW	2	c	29.43	-.08	51	+8	S	5	or	4	0.39	51	41	beph c. op	c. op or	op. op	Hours	
	Stornoway ...	29.47	46	SW	2	or																
	Castlebay (Barra Isd.)	29.50	50	SW	5	r																
	Glasgow ...	29.66	48	SW	3	ad	29.60	.00	52	+10	SW	6	odq	8	0.48	55	40	or	opd	op. op	0.0	
	Malin Head...	29.25	46	S	8	uq	29.50	.00	52	+5	WSW	8	o	8	0.13	52	47	cqph	omr	ogq	*	
	Blackod Point	29.71	54	WSW	5	ogmr	29.65	.00	55	+3	WSW	7	ormq	6	0.14	56	50	ogm	ogmr	ompg	*	
	Valencia ...	29.95	54	SW	5	md	29.94	-.02	54	+3	SW	7	ogm	6	0.01	55	51	omd	omd	omd	0.0	
	Roche's Point	29.97	54	W	4	o	30.00	*	54	+5	WSW	4	o	4	0.03	55	48	c	c. om. c	op	*	
	Birr Castle ...	29.82	53	WSW	4	o	29.85	*	53	+4	SW	3	c	*	0.02	55	49	c	c. od	od. c	0.0	
	Donaghadee ...	29.73	48	SSW	3	omr	29.61	?	54	+9	W	6	bcq	3	0.06	54	45	og	omr	c. bcq	*	
	Liverpool Obsy.	29.87	49	SW	4	o	29.83	-.02	54	+6	SW	5	odq	4	0.06	53	48	odq	c. bc	og	0.7	
	Holyhead ...	29.86	51	SW	5	odqgm	29.84	.00	54	+3	SW	5	bmq	5	0.08	55	50	oc. ogm	bc. or	ce. bc. m	0.2	
	Pembroke (St. Ann's Hd.)	29.99	54	WSW	5	o	30.04	+0.02	52	-1	WSW	7	cq	6	Trace	55	50	cq	cq	og	1.7	
	Newquay ...	30.09	53	SW	4	o	30.15	+0.02	53	+1	SW	4	bcpr	4	0.03	54	52	c	c. bc. o	cp. cpg	1.0	
	ICELAND, FAEROE, &c.	Scilly (St. Mary's)	30.09	54	W	4	omd	30.16	+0.02	54	+1	W	5	bcpr	5	0.01	56	51	bcpr	om	fe. om. c	2.7
Jersey (St. Aubin)		30.19	55	W	4	og	30.25	*	56	+2	W	4	og	3	0.09	57	51	ogp	ogp	c. op. o	0.5	
Portland Bill		30.10	55	W	5	c	30.14	+0.02	56	+6	WSW	5	o	4	Trace	56	50	c. o	o	opd	*	
Dungeness ...		30.04	53	WNW	4	bc	30.18	+0.02	55	+6	W	4	ogw	4		55	48	og	cq	bc. o	*	
Dover ...		30.03	50	W	4	o	29.97	*	55	+9	WSW	4	o	4	0.03	55	48	bc	bc. o	op. r	0.3	
Wick ...		29.52	44	SW	4	c	29.26	-.03	52	+17	S	4	cqm	4	0.11	53	34	bc. c	empd	empq	*	
Nairn ...		29.53	45	W	1	o	29.32	*	54	+15	SW	5	bcq	3	0.04	54	37	p. bc. o	od	edq	0.0	
Aberdeen ...		29.61	45	SSW	2	r	29.44	-.05	53	+14	SW	5	o	2	0.07	54	37	bc. o	or	or. o	0.0	
Leith ...		29.64	50	WSW	3	r	29.55	-.02	55	+13	WSW	4	o	*	0.06	56	41	ogp	ogd	cp.	*	
North Shields		29.75	51	SSW	3	p	29.72	-.03	54	+10	SW	4	c	2	0.03	56	42	c	or	r. c	0.0	
Spurn Head ...		29.87	50	WSW	4	o	29.86	+0.01	53	+6	SW	5	cq	4	0.14	53	47	cq	cq. o	or. c	0.0	
Yarmouth ...		29.96	49	W	2	cm	29.97	+0.02	53	+9	W	3	omr	2	0.14	53	42	cm	cm	om	0.3	
Clacton-on-Sea		29.94	49	WSW	4	cm	30.04	+0.02	53	+8	W	3	c	2	0.01	53	45	cm	cm	ogp. o. c	0.2	
Nottingham...		29.95	51	SW	4	o	29.96	*	53	+6	SW	2	c	*	0.01	56	46	bc. o	o	od	0.0	
Bath ...		30.04	53	SW	4	o	30.10	*	55	+6	WSW	3	o	*	Trace	56	51	o	o	op	0.2	
London (Kew Obsy.)...	30.05	50	SW	2	o	30.08	+0.04	54	+9	SW	1	o	*	Trace	55	45	c. o	o	od. o	0.0		
SCANDINAVIA.	Spitzbergen ...	29.90	19	SE	2	o	29.82	.00	28	+20	SSE	4	o	*	28	7	GALES. Duration and Extreme Force in British Islands. Malin Head WNW-S-WNW, 8 throughout.					
	Isafjord...	28.91	26	NW	4	bc	28.69	-.07	23	0	N	3	bc	*	*	*						
	Reykjavik ...	28.93	31	-	0	bc	28.43	-.06	32	-1	N	4	s	*	*	*						
	Vestmanna ...	28.97	33	-	0	c	28.21	-.01	39	+9	E	7	o	2	*	*						
	Seydisfjord	29.02	26	-	0	b	28.54	-.17	34	+7	E	4	s	*	*	*						
	Thorshavn ...	29.25	40	WSW	4	c	28.62	-.15	51	+11	SW	10	r	*	*	*	GALES. Duration and Extreme Force in British Islands. Malin Head WNW-S-WNW, 8 throughout.					
	Haparanda ...	29.88	28	NE	4	s	30.04	+0.01	21	-9	E	2	o	*	32	19						
	Hernösand ...	29.68	35	-	0	r	29.78	+0.05	35	-1	NW	2	o	*	0.20	41	35					
	Stockholm ...	29.60	44	WSW	2	o	29.78	+0.06	39	-1	WNW	2	o	*	Trace	43	37					
	Wisby ...	29.59	44	NW	2	o	29.82	+0.06	44	-1	W	2	bc	*	0.08	46	41					
	Karlstad ...	29.62	37	-	0	c	29.82	+0.04	32	-6	-	0	f	*	*	43	30					
	Vardö ...	30.11	28	SE	4	o	30.19	+0.02	26	-4	SSE	4	o	3	?	30	26					
	Bodö ...	29.62	37	E	6	c	29.63	-.04	36	-6	E	5	c	2	-	41	34					
	Christiansund	29.49	-	-	-	c	29.45	-.06	42	+3	NE	3	c	4	-	43	39					
	Skudesnaes ..	29.61	44	SSE	6	o	29.55	-.04	46	+3	S	9	r	7	0.24	46	41					
Færder (K'ania Fjord)	29.62	38	NNW	2	bc	29.76	+0.01	35	-6	-	0	bc	3	-	41	38						
The Scaw (Skagen)...	29.65	44	WSW	2	o	29.80	+0.02	43	+4	WSW	2	b	0	-	45	37						
Blaavands Huk ...	29.74	47	WNW	3	b	29.85	+0.02	48	+3	SSW	1	r	1	0.16	48	43						
GERMANY, &c.	Cuxhaven ...	29.81	46	WNW	5	b	29.92	+0.03	47	+4	WSW	3	m	0	0.16	48	43					
	Berlin ...	29.73	43	W	3	o	30.01	+0.06	41	-1	W	3	o	*	0.16	46	39					
	Frankfurt ...	30.02	43	-	0	o	30.14	+0.02	47	0	SW	1	r	*	0.28	50	41					
	Munich ...	30.04	41	NW	5	r	30.26	+0.03	41	-2	SW	6	r	*	0.51	45	34					
	The Helder ...	29.90	52	W	5	o	29.97	+0.02	54	+4	SW	3	o	3	0.08	54	48					
	Brussels ...	30.08	47	WNW	2	o	30.11	+0.04	50	+3	WNW	4	o	*	0.04	51	46					
	FRANCE.	C. Gris Nez...	30.06	54	W	6	b	30.10	+0.03	56	+5	W	6	o	6	Trace	56	54				
		La Hève ...	30.11	60	WSW	5	o	30.23	*	53	+1	SW	4	f	5	0.04	55	50				
		Ushant...	30.15	55	SW	5	f	30.26	*	56	+2	W	4	o	5	-	57	52				
		Brest (St. Mathieu)	30.26	55	WSW	4	o	30.32	+0.04	55	0	W	3	o	3	-	59	55				
		Lorient (Bec Melen)...	30.31	55	W	4	o	30.38	*	56	+1	W	4	o	4	-	57	52				
		Rochefort (Ile d' Aix)	30.34	56	WNW	4	o	30.38	+0.01	37	+3	WSW	4	f	*	0.04	57	54				
		Biarritz ...	30.40	59	WSW	3	o	30.47	+0.04	57	0	WNW	3	o	5	0.43	59	55				
		Paris ...	30.19	51	SW	2	b	30.25	+0.02	50	0	SW	2	o	*	-	56	45				
		Belfort ...	30.21	45	W	7	o	30.26	*	45	0	W	4	o	*	0.20	46	43				
Lyons ...		30.34	48	SW	1	o	30.43	*	46	0	NW	1	o	*	0.04	51	45					
Nice ...		30.02	51	-	0	bc	30.13	+0.02	53	-1	-	0	c	3	-	63	39					
Perpignan ...		30.22	60	NW	4	b	30.38	+0.03	56	+1	N	2	bc	*	-	65	53					
Sanguinaire ...		30.08	59	SW	7	m	30.15	*	56		E	3	m	7	-	61	52					
SPAIN, PORTUGAL, &c.		Corunna (8 a.m.)	30.41	59	W	3	o	30.53	.00	57	c	SW	1	f	8	0.12	61	55				
		Lisbon (9 a.m.)																				
	Gibraltar ...																					
	Azores (Horta, 8 a.m.)	30.32	2	SSW	3	c	30.30	+0.01	60	-2	-	0	r	1	0.04	66	59					
Madeira (Funchal) ...	30.31	66	E	2	b	30.35	+0.02	62	-2	E	2	b	3	-	70	61						

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 16TH NOVEMBER



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 deep depression to the southward of Iceland is likely to spread south-eastward and to occasion a considerable increase in the strength of the South-Westerly

and Westerly wind over the United Kingdom generally, with gales on our western and northern coasts. Mild, showery weather will prevail in all districts.

FORECASTS FOR THE 24 HOURS NOON

Monday

TO NOON Tuesday.

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

South-Westerly to Westerly winds, increasing to a gale; squally, some rain; continuing mild.

Westerly and South-Westerly winds, freshening considerably; mostly fair, but a few local showers; continuing mild.



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 this morning at 8.50 in Districts 0, 1, 2, 6, 7, 8 (Wales) 9 and 10.

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

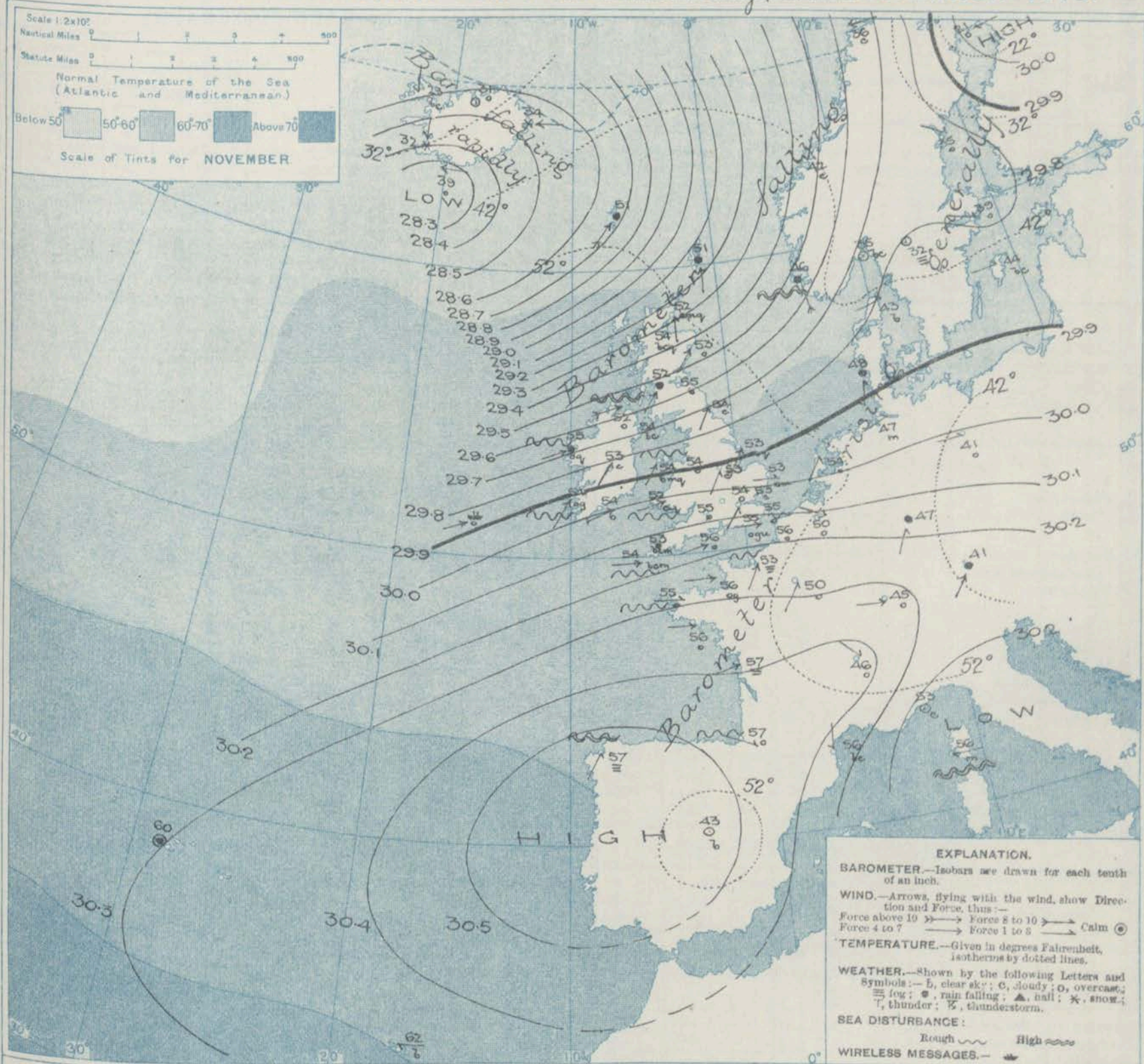
South-Westerly to Westerly winds, strong to a gale in force; squally, with occasional rain; mild at first, cooler later.

11 WESTERN CHANNEL AND BAY.

Strong Westerly and South-Westerly winds mouth Channel, with squally, showery weather and a rough sea. Fresh winds further south, with fair weather and a moderate sea.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Monday, 17th NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The centre of a deep depression has appeared off Southern Iceland, where the barometer has fallen to about 28.2 in. An anticyclone, with readings above 30.4 in., lies over Spain and the greater part of Southern France. The barometer is falling over the northern parts of our area of observation generally.

South-Westerly winds prevail over Western Europe generally, and blow very strongly on our own western coasts, and with the force of a whole gale in the Faeröe. In Iceland the wind varies between North and East. A brisk rise of temperature has taken

place over the whole of the United Kingdom, where the readings now range between 52° and 56°. The continental values range from 57° at Rochefort and Biarritz to 26° at Vardö, and 21° at Haparanda. The weather is cloudy or overcast generally, with rain in several isolated localities. Snow is falling at Reykjavik and Seydisfjörð. The sea is very high off the north of Ireland, and rough on our western coasts generally.

DAILY WEATHER REPORT.

Monday, 17th November, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- ome- ward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- utward. H- ome- ward.	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
17th Jan.	51	15	Carmania	o	29.87	+0.4	WSW	6-7	o	16th Gpm.	51	15	Carmania	o	29.94	-0.1	WSW	6-7	o
16th Gpm.	51	21	Empress of Britain	o	29.71	-0.8	WSW	8-9	c	"	49	10	Minnehaha	H	30.14	+0.2	WSW	6-7	o
"	50	19	Scotian	H	29.84	+0.1	SSW	6-7	o	"	49	8	Menominee	H	30.09	+0.1	SW	4-5	o
"	50	16	Marquette	o	29.99	-0.0	SW	6-7	bc	"	55	11	Lake Manitoba	H	29.50	+0.1	SW	6-7	o
"	51	15	Cymric	H	30.01	+0.4	WSW	4-5	b	"	50	23	Scotian	H	29.76	+0.4	SW	6-7	o
"	50	14	Montreal	o	30.06	+0.4	SW	4-5	a	"	50	19	Cymric	H	29.92	+0.7	WSW	4-5	m
Jan. Gpm.	49	12	Menominee	H	30.08	+0.2	W	4-5	f	"	51	17	Empress of Britain	o	29.86	-0.2	W	4-5	o
"	50	11	Philadelphia	o	30.01	+0.2	W	6-7	b	"	55	15	Mongolian	o	29.81	+0.1	W	8-9	o

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.		
Scot- land.	Oban	...	In.	F.	F.				Eng- land, & E.	Margate	...	In.	F.	F.			
	St. Andrews	...								Ramsgate	...						
Eng- land, N.E.	Harrogate	...	0.53	50	40	p.c.	0	0.0		Folkestone	...						
	Scarborough	...		49	40	o.c.	0	0.0		Hythe	...						
Eng- land, N.W.	Blackpool	...								Littlestone	...						
	Southport	...	0.17	52	44	p.c.	0	0.1		Hastings	...						
Mid- lands.	Buxton	...	0.81	48	41	bc	0	0.2		Bexhill-on-Sea	...	0.01	53	45	o	0	0.0
	Leamington Spa	...	0.02	52	43	o	0	0.0		Eastbourne	...	0.02	53	44	o	0	0.0
Wales.	Malvern	...		52	46	bc	0	0.5		Seaford	...						
	Rhyl	...	0.11	54	46	c.o	0	0.1		Brighton	...		54	47	bc	bc	0.2
England, E.	Colwyn Bay	...	0.13	54	42	bc	0	0.0		Worthing	...		55	46	c	c	0.8
	Llandudno	...	0.15	53	46	e	0	0.2		Littlehampton	...						
Wales.	Bettws-y-Coed	...	0.13	53	48	o	0	0.0		Southsea	...						
	Aberystwyth	...								Ryde	...		55	51	o	o	1.0
England, E.	Tenby	...								Ventnor	...	0.04	56	48			2.0
	Lowestoft	...	0.09	52	42	c	0	1.3		Bournemouth	...		53	43	c.o	c.o	0.8
England, E.	Felixstowe	...		52	44	cm	0	0.9		Weymouth	...	0.01	55	50	bc	bc	0.1
	Walton-on-Naze	...		51	43	bc	0	0.2		Exmouth	...						
England, E.	Southend-on-Sea	...		52	43	o	0	0.0		Teignmouth	...		55	50	c.bc	c.bc	0.7
										Torquay	...	0.01	55	49	bc	c.bc	0.8
England, E.										Paignton	...						
										Falmouth	...	0.13	55	49	bc	bc	1.1
England, E.										Bude	...	0.05	56	52	o	o	0.2
										Ifracombe	...	0.26	55	50	o	o	0.2
England, E.										Weston-super-Mare	...	0.08	54	46	cp	c	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.
	4 p.m. Yester- day.	9 a.m. To-day.		In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
Greenwich (Royal Obs.)	71	88	0.0	56	47	40	o	o	op	Dublin to 4 p.m.	0.12	52	43	41	cp	cp	
City (Bankhill Row)			0.0							Plymouth to 9 p.m.							
Westminster (St. James's Pl.)	80	92	0.0	56	47	43	bc	bc	bc	Darwen							0.0
Camden Sq. (Brit. Rainfall)		88	0.0	56	47	44	o	o	c.o	Manchester	0.26	52	46		c.o	o	0.0
Hampstead (Reservoir)		90	0.0	53	44	36	o	o	o	Birmingham	0.07	52	43	30		o	0.0
Richmond Park			0.0							Oxford to 8 p.m.		54	45	38	op	cm	
Kew. (See front page.)			0.0														
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																	
Total.				Average Rate.				Max. Rate.									
S. Kensington (Roof of M.O.)				226 Joules.				7.1 Milliwatts.				S. Kensington (Museum Grounds to 6 p.m.)					
				87				0.0									

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

17th Nov. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 7.19 7.20	G.M.T. 11.38 11.38	G.M.T. 3.51 3.56
Greenwich	7.23 7.24	11.45 11.45	4.7 4.6
Wick	8.7 8.9	11.57 11.57	3.47 3.45
Valencia	8.6 8.7	12.26 12.26	4.46 4.45

During yesterday the thermometer rose to 55° or a trifle above it in many parts of the United Kingdom, and to 58° at Liverpool. The amount of bright sunshine was generally very small. Showers were experienced in most districts. Wireless reports show that as far west as the 23rd meridian ships experienced fresh to strong winds from the westward or south-westward with cloudy weather and rain in places.

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

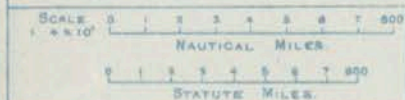
Tuesday,
18th November, 1913.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	Barom. At 32° F. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind. Direc.	Force (0 to 12).	Weather	Barometer. At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Temp. Dry Bulb.	Change since Yester- day.	Wind. Direc.	Force (0 to 12).	Weather	Sea (0 to 9).	Rain fall.	Temp.		Weather				
															Max.	Min.	Morning. 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 5 p.m.	Night. 5 p.m. to 7 a.m.		
In.	F.				In.	In.	F.							In.	F.	F.				Hours	
Lerwick ...	29.21	48	SW	9	o.c.	29.42	+0.1	43	-8	SW	5	op	5	0.77	52	39	o.c.	o.c.	o.c.	0.8	
Stornoway ...	29.57	44	WSW	8	b.c.	29.57	-0.3	44	-9	WSW	5	b.c.	5	0.17	53	37	c.b.c.	b.c.	b.c.	0.5	
Castletbay (Barra Isd.)	29.71	44	WSW	8	b.c.	29.56	-0.9	45	-8	SW	2	o	3	0.06	53	43	o.c.	b.c.	b.c.	0.7	
Glasgow ...	29.85	46	WSW	5	o.c.	29.74	-1.0	43	-9	S	2	o	0	0.02	52	43	o.c.	b.c.	b.c.	0.0	
Malin Head...	29.81	47	WNW	7	o.c.	29.66	-0.8	45	-7	SW	5	c	5	0.04	51	43	o.c.	b.c.	b.c.	0.0	
Blackod Point	29.97	48	WNW	5	o.c.	29.64	-0.8	50	-5	WSW	5	op	4	0.15	52	43	o.c.	b.c.	b.c.	0.0	
Valencia ...	30.10	51	WSW	3	c	29.83	-0.3	52	-2	WSW	6	o	3	0.43	55	47	o.c.	b.c.	b.c.	0.0	
Roche's Point	30.14	51	W	2	o	29.85	0	54	0	WSW	5	rm	5	0.17	57	50	o.c.	b.c.	b.c.	0.0	
Birr Castle ...	30.05	49	SW	1	c	29.70	0	52	-1	SW	1	c	0	0.10	54	45	o.c.	b.c.	b.c.	0.0	
Donaghadee ...	29.85	48	W	3	c	29.74	0	46	-8	SSW	2	cm	2	Trace	55	44	o.c.	b.c.	b.c.	0.0	
Liverpool Obsy.	30.05	52	WSW	4	o	29.85	-1.0	53	-1	SW	4	or	2	0.18	58	47	o.c.	b.c.	b.c.	0.0	
Holyhead ...	29.96	52	W	5	o.c.	29.82	-0.9	54	0	W	7	o.c.	6	0.37	56	43	o.c.	b.c.	b.c.	0.0	
Pembroke (St. Ann's Hd.)	30.13	54	W	6	c	29.95	-0.4	53	+1	SW	7	o	6	0.12	56	53	o.c.	b.c.	b.c.	0.0	
Newquay ...	30.20	54	SW	4	o	30.08	-0.4	53	0	SW	4	o	3	0.08	56	53	o.c.	b.c.	b.c.	0.0	
Scilly (St. Mary's)	30.21	54	W	4	o	30.08	-0.4	54	0	SW	6	o	5	0.04	56	52	o.c.	b.c.	b.c.	0.0	
Jersey (St. Aubin)	30.32	56	W	4	o	30.26	0	54	-2	SW	4	o	3	0.01	58	53	o.c.	b.c.	b.c.	0.0	
Portland Bill	30.20	54	WSW	5	o	30.12	-0.2	54	-2	WSW	5	c	5	Trace	56	52	o.c.	b.c.	b.c.	0.0	
Dungeness ...	30.16	55	WSW	5	o	30.15	-0.01	56	+1	SW	4	o	4	0	57	54	o.c.	b.c.	b.c.	0.0	
Dover ...	30.13	53	SW	4	o	30.12	0	55	0	SW	4	o	4	Trace	57	52	o.c.	b.c.	b.c.	0.0	
Wick ...	29.50	42	SW	5	b.c.	29.57	-0.01	42	-10	SW	4	b.c.	4	0.09	55	39	o.c.	b.c.	b.c.	0.0	
Nairn ...	29.64	44	W	6	o	29.63	0	43	-11	W	4	o	3	0.06	56	41	o.c.	b.c.	b.c.	0.0	
Aberdeen ...	29.68	47	WSW	4	b.c.	29.68	-0.01	43	-10	W	0	b	2	0	60	40	o.c.	b.c.	b.c.	0.0	
Leith ...	29.78	48	W	4	b.c.	29.71	-0.07	45	-10	SW	2	c	0	0.01	57	44	o.c.	b.c.	b.c.	0.0	
North Shields	29.86	48	WSW	4	b.c.	29.83	-0.03	47	-7	S	3	o	2	0.01	58	44	o.c.	b.c.	b.c.	0.0	
Spurn Head	29.95	50	W	4	b.c.	29.95	-0.04	49	-4	SW	3	o	3	Trace	56	48	o.c.	b.c.	b.c.	0.0	
Yarmouth ...	30.05	54	W	3	b.c.	30.05	+0.02	54	+1	SW	2	o	1	0	58	52	o.c.	b.c.	b.c.	0.0	
Clacton-on-Sea	30.10	54	WSW	4	c	30.09	-0.03	52	-1	SSW	3	o	2	0	57	51	o.c.	b.c.	b.c.	0.0	
Nottingham...	30.03	54	W	5	b	29.98	0	53	0	SW	3	o	0	0	57	45	o.c.	b.c.	b.c.	0.0	
Bath ...	30.17	54	W	2	r	30.08	0	54	-1	WSW	5	o	0	0.07	58	53	o.c.	b.c.	b.c.	0.0	
London (Kew Obsy.)	30.16	55	SW	3	e	30.10	-0.02	55	+1	SSW	3	o	0	Trace	58	53	o.c.	b.c.	b.c.	0.0	
Spitzbergen ...	29.71	25	SE	3	b	29.64	-0.0	25	-3	ESE	4	b.c.	0	0	25	19	o.c.	b.c.	b.c.	0.0	
Isafjord...	29.75	26	NE	4	o	29.00	+0.3	32	+9	NE	4	o	0	0	0	0	o.c.	b.c.	b.c.	0.0	
Reykjavik ...	29.75	34	W	0	o	28.99	+0.02	36	+4	W	0	c	0	0	0	0	o.c.	b.c.	b.c.	0.0	
Vestmanna ...	29.76	35	W	0	o	29.02	+0.02	35	-4	W	2	b	1	0	0	0	o.c.	b.c.	b.c.	0.0	
Seydisfjord	29.81	36	N	6	r	28.91	+0.05	33	-1	WNW	2	o	0	0	0	0	o.c.	b.c.	b.c.	0.0	
Thorshavn ...	29.83	43	W	10	r	29.15	+0.01	42	-9	WNW	8	c	0	0	0	0	o.c.	b.c.	b.c.	0.0	
Haparanda ...	29.89	20	E	4	o	29.41	-1.0	22	+1	ESE	6	s	0	0.24	22	18	o.c.	b.c.	b.c.	0.0	
Hernösand ...	29.53	39	S	6	r	29.29	+0.03	36	+1	SW	2	b	0	0.33	39	34	o.c.	b.c.	b.c.	0.0	
Stockholm ...	29.66	41	SSW	2	o	29.52	+0.03	43	+4	W	6	b	0	0.04	45	34	o.c.	b.c.	b.c.	0.0	
Wisby ...	29.80	40	SW	2	b	29.71	+0.08	47	+3	WSW	6	b	0	0.12	48	39	o.c.	b.c.	b.c.	0.0	
Karlstad ...	29.46	44	SE	6	r	29.61	+0.08	42	+10	W	4	b	0	0.16	46	30	o.c.	b.c.	b.c.	0.0	
Vardö ...	30.06	23	S	4	b	29.82	+0.06	20	-6	S	4	b.c.	3	0	27	23	o.c.	b.c.	b.c.	0.0	
Bodö ...	29.19	35	E	7	c	29.01	-0.02	39	+3	E	4	c	2	0	39	32	o.c.	b.c.	b.c.	0.0	
Christiansund	29.09	44	W	6	r	29.22	+0.04	43	+1	WSW	6	c	6	0.32	48	41	o.c.	b.c.	b.c.	0.0	
Skudesnaes ..	29.53	49	WNW	9	c	29.68	+0.03	48	+2	WSW	8	c	6	0.58	50	41	o.c.	b.c.	b.c.	0.0	
Færder (K'laia Fjord)	29.44	49	SW	7	b	29.63	+0.04	45	+10	WSW	7	b	4	0.08	50	35	o.c.	b.c.	b.c.	0.0	
The Scaw (Skagen)...	29.58	51	W	8	o	29.76	+0.04	49	+6	WNW	9	c	8	0.12	50	41	o.c.	b.c.	b.c.	0.0	
Blaavands Huk ...	29.82	52	W	7	o	29.96	+0.02	50	+2	WNW	3	o	3	0.04	52	48	o.c.	b.c.	b.c.	0.0	
Cuxhaven ...	29.95	51	W	4	o	30.03	0.0	48	+1	WSW	2	c	0	0	52	47	o.c.	b.c.	b.c.	0.0	
Berlin ...	30.04	46	SW	2	o	30.13	+0.04	52	+1	SW	2	o	0	0.08	52	41	o.c.	b.c.	b.c.	0.0	
Frankfurt ...	30.23	50	SW	3	o	30.29	+0.02	51	+4	SW	3	o	0	0.04	52	47	o.c.	b.c.	b.c.	0.0	
Munich ...	30.31	45	W	4	o	30.39	+0.01	47	+6	SW	4	c	0	0.35	47	41	o.c.	b.c.	b.c.	0.0	
The Helder ...	30.05	55	SW	3	o	30.08	-0.02	54	0	SSW	3	o	2	0	55	52	o.c.	b.c.	b.c.	0.0	
Brussels ...	30.22	53	SW	2	o	30.22	-0.01	51	+1	WSW	4	o	0	0.08	57	49	o.c.	b.c.	b.c.	0.0	
C. Gris Nez...	30.19	56	WSW	7	o	30.16	-0.03	55	-1	SW	7	o	6	0.04	59	54	o.c.	b.c.	b.c.	0.0	
La Hève ...	30.29	52	SW	5	o	30.23	0	51	-2	SW	5	o	5	0	55	48	o.c.	b.c.	b.c.	0.0	
Ushant...	30.34	56	W	4	o	30.26	0	55	-1	SW	5	o	7	0	57	52					

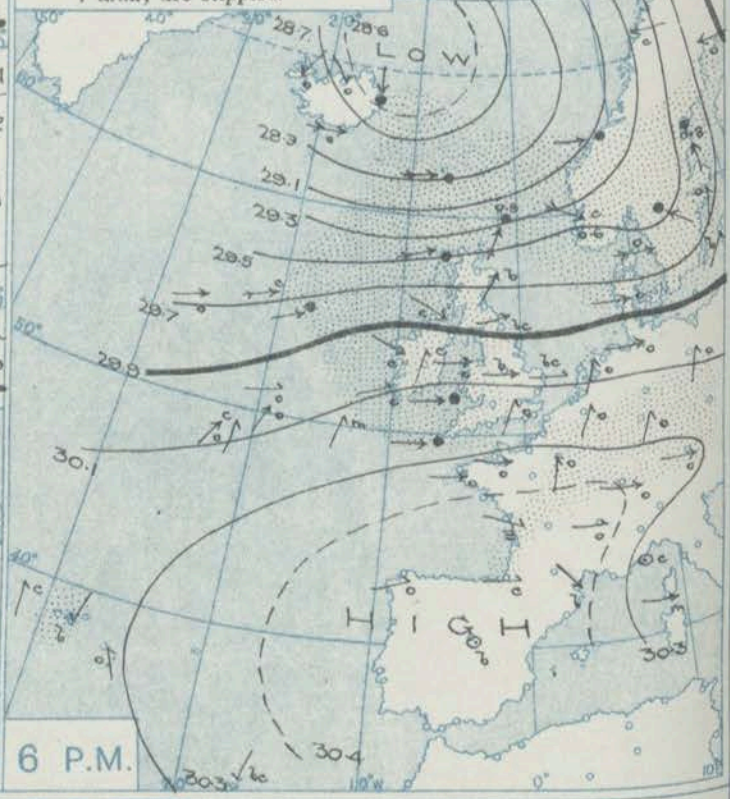
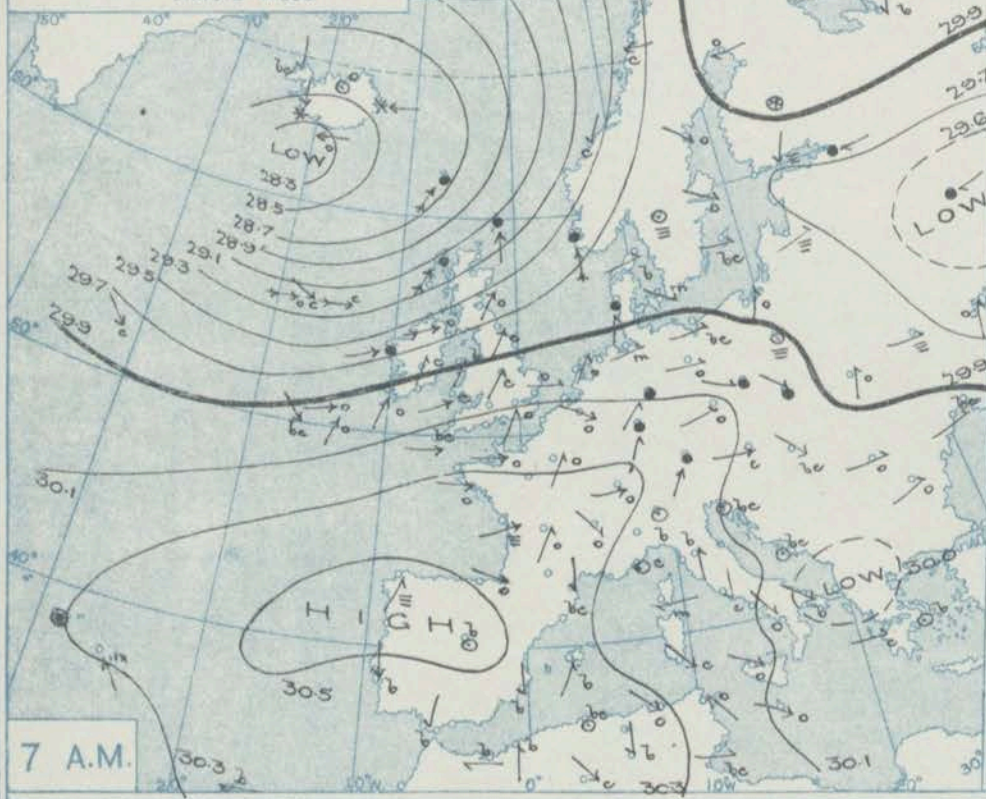
* Information for these columns not usually received.

† Received too late for insertion in Charts.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 17TH NOVEMBER.



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



GENERAL INFERENCE

WEATHER PROSPECTS.

The depression in the far north will continue to travel away to the eastward. Secondary disturbances which are advancing over the United Kingdom will occasion

strong South-Westerly to Westerly winds on our western and southern coasts, with occasional rain. A decrease in temperature is probable over Ireland and England.

FORECASTS FOR THE 24 HOURS NOON Tuesday

TO NOON Wednesday.

0 {
a
b
1

South-Westerly to Westerly or North-Westerly winds, fresh; changeable, some showers, hail or sleet in places; cold.

2 {
a
b

South-Westerly to Westerly winds, freshening; cloudy, with occasional rain; mild to-day, cooler to-morrow.

3 {
a
b

South-Westerly to Westerly winds, strong on coast; cloudy, with occasional rain; mild to-day, cooler to-morrow.

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 8.50 in Districts 0, 1, 2, 6, 7, 8 (5 Wales), 9 and 10.

6 {
a
b

Same as Nos. 0 and 1.

7 {
a
b

South-Westerly to Westerly or North-Westerly winds, strong, a gale in places; squally and showery at first, some improvement later; becoming colder.

8 {
a
b

9 {
a
b

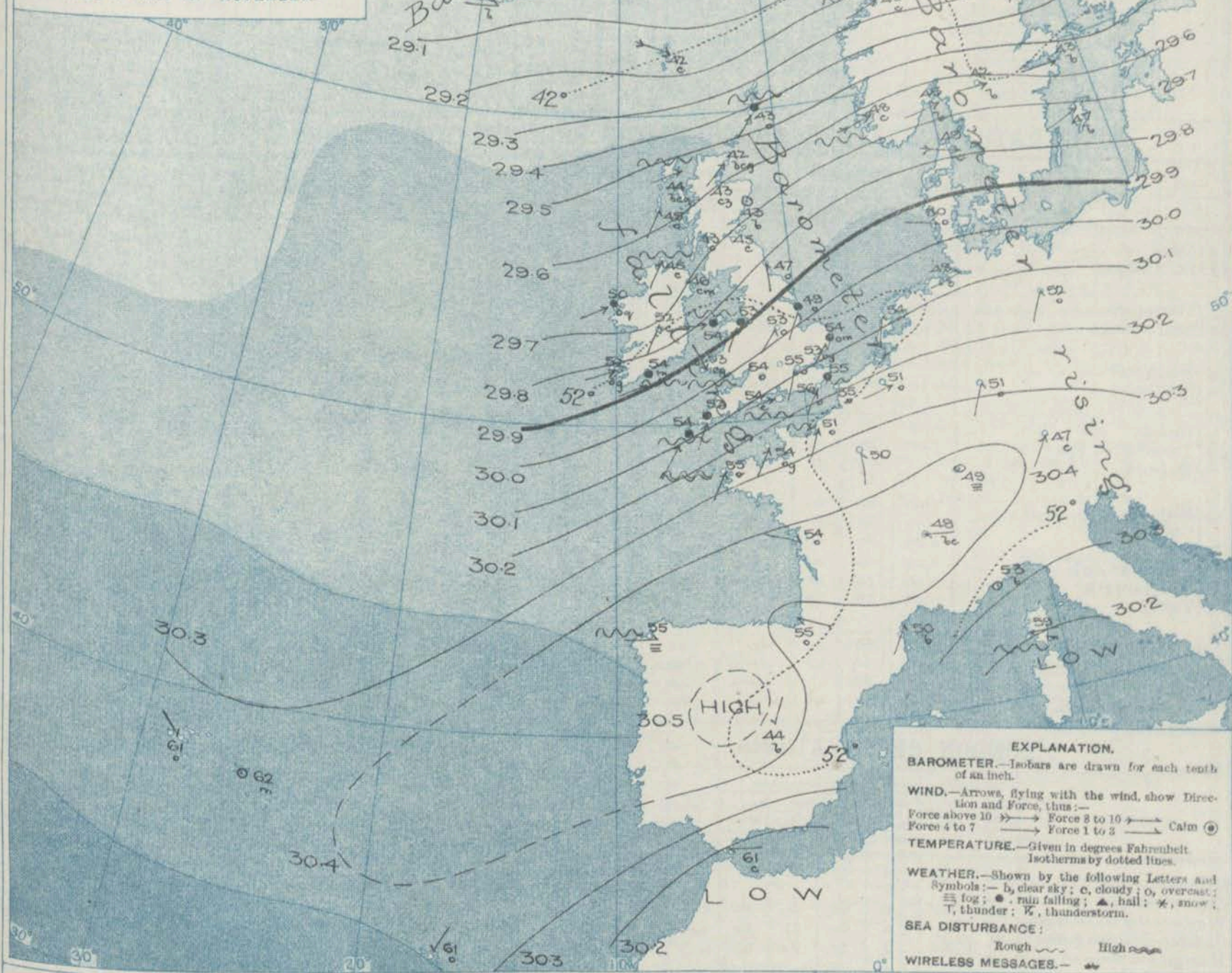
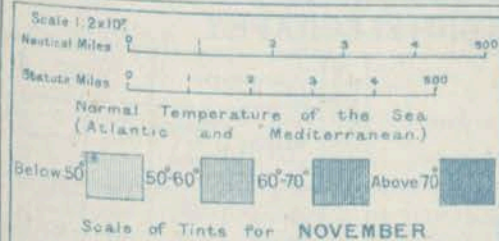
10 {
a
b

11 WESTERN CHANNEL AND BAY.

South-Westerly to Westerly winds, strong north Channel, with rough sea and showery weather; moderate or fresh further south, with moderate sea and fair weather.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Tuesday, 18th NOVEMBER 1913.



EXPLANATION.

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

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

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

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

SEA DISTURBANCE:
Rough ~~~~~ High ~~~~~

WIRELESS MESSAGES.— ★

NOTES ON THE GENERAL SITUATION AT 7 A.M.

The deep depression which lay to the southward of Ireland yesterday is passing away towards Linmark, but small secondary disturbances are approaching our own western coasts, and are causing a fall of the barometer over the United Kingdom and the neighbouring parts of the continent.

South-Westerly to Westerly winds prevail over North-Western Europe generally, and blow strongly on our own western coasts, and with the force of a gale on the eastern side of the North Sea. Temperature has fallen decidedly over the northern parts of the United

Kingdom, but risen elsewhere. Over England and the south of Ireland the thermometer ranges between 52° and 56°, but in Scotland it is below 45°. The continental values range from 61° at Gibraltar, and 59° at Sanguinaire to 30° and less over Northern Scandinavia. The weather is fine in the north of Scotland and also in Sweden and the south of France. Elsewhere the sky is cloudy or overcast, with rain in many parts of England and Ireland, and snow at Haparanda. The sea is rough or rather rough on all but our east coasts.

DAILY WEATHER REPORT.

Tuesday, 18th November 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.	
17th 6 p.m.	54	27	Tunisian	H	29.66	-0.14	WSW	4-5	o	17th 7 a.m.	53	31	Tunisian	H	29.75	+0.03	NW	(0-12)	c
"	49	21	Marquette	o	30.02	-0.03	SW	4-5	o	"	55	19	Mongolian	o	29.45	+0.23	W	8-9	o
"	49	21	Philadelphia	o	29.92	-0.13	SW	1-3	c	"	55	17	Caledonia	o	29.34	+0.15	WNW	6-7	bc
"	51	19	Carmaria	o	29.91	-0.06	WSW	6-7	o	"	50	17	Philadelphia	o	29.99	+0.07	NW	6-7	o
"	50	19	Montreal	o	30.05	+0.03	SW	4-5	o	"	50	16	Montreal	o	30.02	+0.10	W	8-9	bc
"	55	17	Scandinavian	o	29.70	+0.06	WSW	6-7	r	"	55	15	Scandinavian	o	29.50	+0.11	W	8-9	bc
"	50	13	Finland	o	30.22	.00	SW	4-5	m	"	50	14	Scotian	H	29.96	+0.10	SW	6-7	o

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot. (Oban ...)	0.55	53	47	-	-	0.0	(Margate ...)	-	58	48	c	c	1.6
(St. Andrews ...)	-	56	46	"	"	2.2	(Ramsgate ...)	0.03	58	46	"	"	1.2
Eng. (Harrogate ...)	0.05	54	46	op. o	o. bc	0.3	(Folkestone ...)	-	58	48	o	6.0	1.2
(Scarborough ...)	"	56	40	o. c	c. d	1.1	(Hythe ...)	-	"	"	"	"	1.6
Eng. (Blackpool ...)	0.44	55	48	bc. g. o	o. ep. o	0.3	(Littlestone ...)	"	"	"	"	"	2.5
(Southport ...)	"	"	"	"	"	"	(Hastings ...)	0.02	58	52	op. bc. b	bc. o. b	2.1
Mid. (Buxton ...)	0.23	55	44	or	o	0.0	(Bexhill-on-Sea ...)	0.01	57	53	o. c	bc. o. g	2.2
(Leamington Spa ...)	0.01	57	43	c. b	o	1.0	(Eastbourne ...)	-	58	54	o. c	o. c	1.8
(Malvern ...)	-	57	50	bc	bc	2.6	(Seaford ...)	-	56	52	o	o. c	1.0
Wales. (Rhyl ...)	0.03	60	51	o. c. bc	bc. c	1.1	(Brighton ...)	0.02	57	49	o. ep. c	c. o	1.4
(Colwyn Bay ...)	-	59	51	o. c. bc	c. bc. c	0.8	(Worthing ...)	-	58	52	c	c	1.7
(Llandudno ...)	0.30	57	49	c	c	?	(Littlehampton ...)	-	"	"	"	"	1.7
(Bettws-y-Coed ...)	0.05	56	43	-	-	0.0	(Southsea ...)	-	58	46	c. bc	c. o	0.0
(Aberystwyth ...)	0.05	54	41	or. o	o. or	0.0	(Ryde ...)	-	57	46	o	o	2.0
(Tenby ...)	0.06	56	50	od	d	0.0	(Ventnor ...)	-	?	51	"	"	1.4
England. (Lowestoft ...)	0.11	59	47	c	c	2.7	(Bournemouth ...)	-	57	50	o	c. o	1.4
(Felixstowe ...)	0.02	59	47	cmg	c. bc. oq	3.1	(Weymouth ...)	-	58	52	bc	ce	1.7
(Walton-on-Naze ...)	?	58	?	cm	c. o	?	(Exmouth ...)	-	55	51	b	b	0.5
(Southend-on-Sea ...)	-	57	46	o	bc	3.0	(Teignmouth ...)	-	57	53	c	c	0.7
							(Torquay ...)	-	56	52	bc. c	o	1.6
							(Paignton ...)	-	58	51	bc	bc. d	2.0
							(Falmouth ...)	0.03	57	53	o. bc	cm	0.0
							(Bude ...)	0.08	56	54	bc. od	od	0.0
							(Ilfracombe ...)	0.09	56	52	o	od	0.2
							(Weston-super-Mare ...)	-	55	51	c. b. bc	c	0.2

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.) ...	71	83	1.8	59	53	50	-	c	c.o	o	Dublin to 4 p.m.	0.02	57	51	48	og	og.c	c.b	0.7							
City (Bunhill Row) ...	"	"	1.6	"	"	"	"	"	"	"	Plymouth to 9 p.m.	0.02	57	53	50	od.	c.b	ov	0.							
Westminster (St. James's Pk.)	67	80	2.5	60	54	50	0.01	o	bep	ue	Darwen	0.10	54	45	46	om	op.w	opute	0.							
Camden Sq. (Brit. Rainfall)	71	82	2.6	60	53	50	0.02	o.c	c.o	op.o	Manchester "	"	"	"	"	"	"	"	0.							
Hampstead (Reservoir) ...	"	84	2.5	57	52	45	0.03	bc.or	cd	o.c	Birmingham "	"	55	49	46	"	o	o	0.							
Richmond Park ...	"	"	2.1	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						Oxford to 8 p.m.			"	57	51	48	o.og.a	cm.od	c.o	"						
Kew. (See front page.)				Total.		Average Rate.		Max. Rate.		S. Kensington (Museum Grounds to 6 p.m.)																
S. Kensington (Roof of M.O.)	77	85	2.0	24.8 Joules.		7.9 Milliwatts.		25.0 Milliwatts.		Trace										60	52	45	o.ex	cy.bco	o	"

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

	18th and 19th Nov 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.20	G.M.T. 11.38	G.M.T. 3.56	
	7.22	11.38	3.53	
Greenwich ...	7.24	11.45	4.6	
	7.26	11.45	4.5	
Wick ...	8.9	11.57	3.45	
	8.12	11.57	3.43	
Valencia ...	8.7	12.26	4.45	
	8.9	12.26	4.44	

During yesterday the thermometer rose to 55° and upwards over the United Kingdom generally, and to 60° at Rhyl and Aberdeen. The amount of bright sunshine was, as a rule, somewhat small. Showers fell in nearly all districts, and lightning was seen at Stromway at night. Wireless reports show that as far west as the 31st meridian ships experienced strong winds or gales from West and North West, with cloudy weather and rain in places.

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

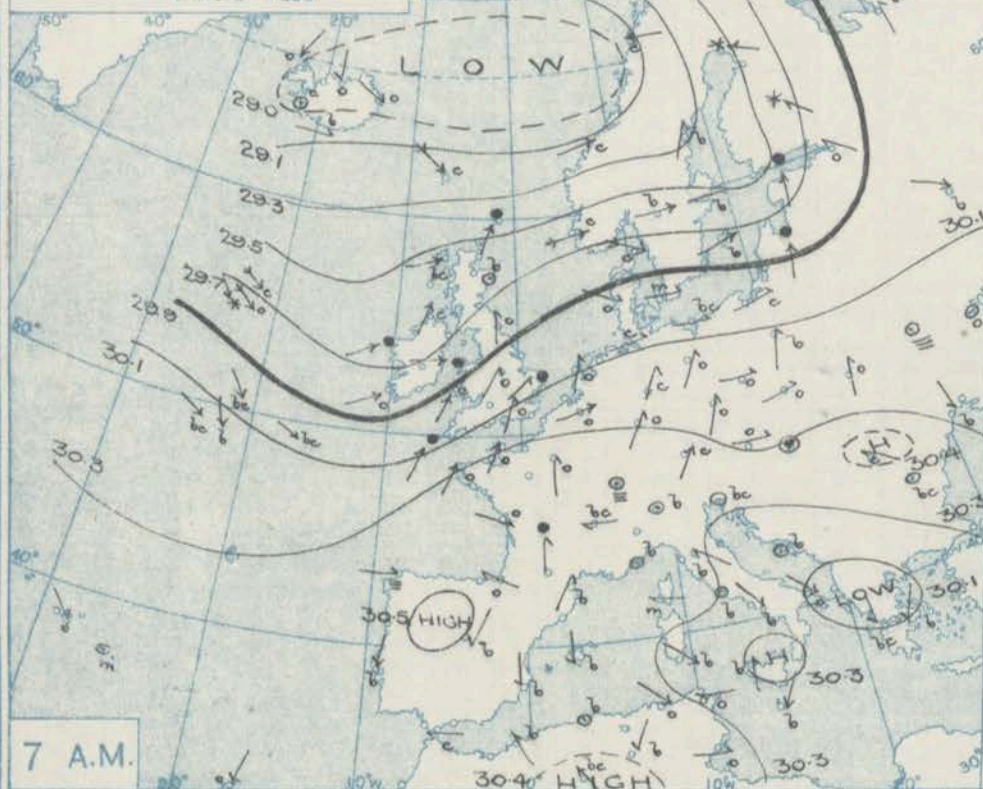
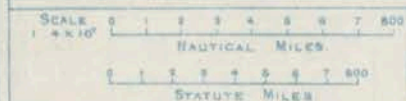
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

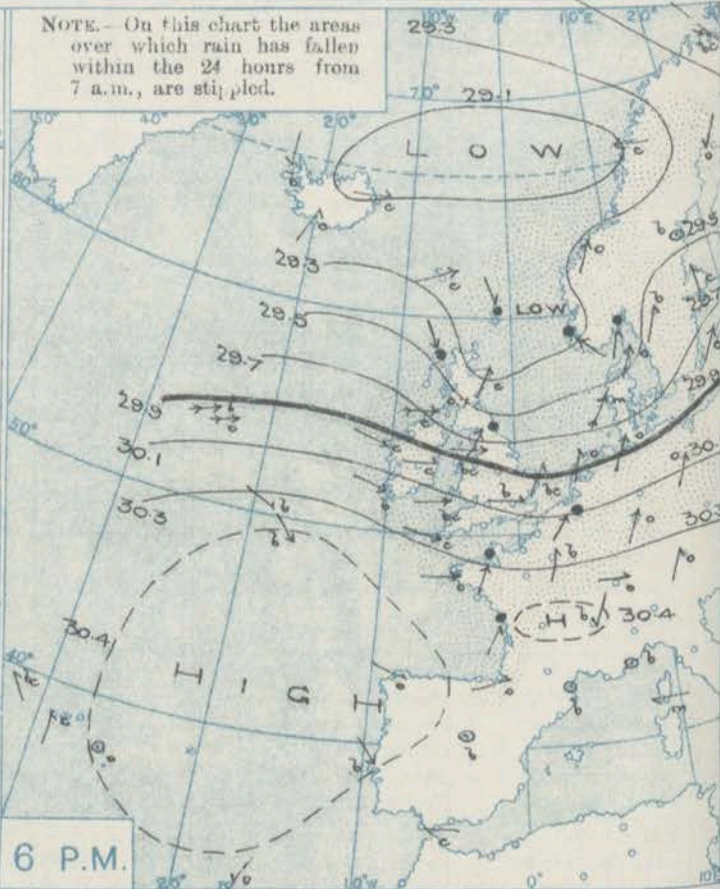
Wednesday,
12th November, 1913.

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.	Force (0 to 12).	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 ...	In.	F.				In.	In.	F.				bcp	5	0.21	47	39	bc	c. over	op. bcp	0.0		
	Stornoway ...	29.49	41	NNW	5	or	29.84	+0.35	41	-3	NNW	5	bcp	5	0.19	44	37	c. or	or	bcp	0.5		
	Castlebay (Barra Isd.)	29.59	45	NNW	8	bcp	29.95	+0.36	46	+1	W	4	c	6	0.25	43	39	c. or	c. or	bcp	0.8		
	Glasgow ...	29.50	42	W	8	bcp	30.04	+0.54	41	-2	SW	4	od	6	0.68	49	38	cp. or	or	bcp	0.8		
	Malin Head ...	29.67	47	W	8	c	30.04	+0.37	45	0	W	6	cp	6	0.14	50	40	c. or	c. or	bcp	0.8		
	Blacksod Point ...	29.78	43	NNW	6	cp	30.16	0.00	49	-1	W	6	cp	5	0.15	49	40	c. or	c. or	bcp	0.8		
	Valencia ...	30.19	46	NNW	6	cp	30.36	+0.17	47	-5	SW	4	c	5	0.08	54	44	cp	bcp	bcp	2.5		
	Roches Point ...	30.18	45	NNW	3	b	30.39	0.00	45	-9	W	2	o	3	0.03	54	41	bcp	b. or	b. or	0.0		
	Birr Castle ...	30.05	40	W	1	c	30.29	0.00	42	-10	S	1	c	0	0.18	52	?	cp	cp	cp	0.0		
	Donaghadee ...	29.77	42	W	8	cp	30.15	?	40	-6	W	3	b	4	0.04	53	38	bcp	b. or	bcp	2.3		
	Liverpool Obsy. ...	29.87	47	WSW	7	b	30.25	+0.38	45	-8	WSW	6	b	5	0.04	53	45	cp	bcp	bcp	2.8		
	Holyhead ...	29.99	47	W	7	bcp	30.26	+0.27	46	-8	W	3	om	4	0.13	55	45	cp. bcp	b. or	bcp	1.7		
	Pembroke (St. Ann's Hd.)	30.13	49	W	6	b	30.37	+0.24	49	-4	W	6	cp	4	0.05	56	48	cp. bcp	cp	bcp	0.4		
	Newquay ...	30.17	50	NW	5	c	30.45	+0.28	48	-5	W	3	c	4	0.09	55	47	od	o. or	op. c	0.4		
	Scilly (St. Mary's)	30.22	50	NNW	6	cp	30.46	+0.24	47	-7	NNW	4	b	5	0.08	55	46	om	c. or	cp. b	0.8		
	Jersey (St. Aubin)	30.19	55	SW	4	or	30.50	0.00	43	-11	NNW	2	b	2	0.09	58	43	od. b.	c. or	op. b. or	0.9		
	Portland Bill ...	30.12	53	NNW	6	b	30.43	+0.25	49	-5	NNW	4	b	4	0.04	56	48	c. or	or	b	1.0		
	Dungeness ...	29.99	55	WSW	8	or	30.36	+0.37	41	-15	NW	3	o	4	0.09	52	39	cp	cp	cp	0.0		
	Dover ...	30.02	53	WSW	6	or	30.38	0.00	41	-14	W	4	b	4	0.19	53	39	o. or	c. or	o. or	0.0		
	Wick ...	29.23	42	SSE	4	o	29.76	+0.53	38	-4	NW	5	b	4	0.31	48	36	bcp	cp	or	0.8		
Nairn ...	29.29	41	WSW	3	or	29.89	0.00	40	-3	W	4	or	4	0.10	46	36	g. b.	g. d.	cp	0.0			
Aberdeen ...	29.29	42	SW	3	c	29.87	+0.58	41	-2	WSW	4	b	2	0.12	45	38	or	or	cp	0.0			
Leith ...	29.40	44	W	5	r	29.99	+0.59	42	-3	W	3	cp	2	0.20	52	39	or	or	cp	0.0			
North Shields ...	29.58	44	SW	6	cp	30.09	+0.51	42	-5	WSW	4	c	2	0.09	52	39	r. or	or	c	1.8			
Spurn Head ...	29.53	53	W	7	b	30.16	+0.63	43	-6	W	5	bcp	5	0.00	56	41	cp	bcp	bcp	0.6			
Yarmouth ...	29.89	55	SW	3	b	30.23	+0.34	41	-13	W	3	b	2	0.00	57	39	bcp	or	bcp	2.4			
Clacton-on-Sea ...	29.96	54	SSW	5	or	30.35	+0.39	41	-11	WSW	3	c	2	Trace	56	41	or	b. or	or	2.4			
Nottingham ...	29.94	47	SW	5	b	30.28	0.00	40	-13	WSW	2	c	0	0.05	57	38	o. or	or	b	1.0			
Bath ...	30.08	51	W	4	b	30.42	0.00	41	-13	W	2	c	0	0.05	59	37	od	or	b	0.0			
London (Kew Obsy.)	30.04	52	W	3	b	30.39	+0.35	41	-14	SW	2	c	0	0.03	57	40	o. or	or	or	2.1			
ICELAND, FAEROE, &c.	Spitzbergen ...	29.62	25	ESE	4	b	29.66	+0.04	22	-3	ESE	8	b	0	0.00	27	19						
	Isafjord ...	29.20	26	N	3	b	29.32	0.00	21	-11	N	2	b	0	0.00	27	19						
	Reykjavik ...	29.19	32	0	0	c	29.31	-0.02	28	-8	E	3	b	0	0.00	27	19						
	Vestmanna ...	29.15	33	SW	2	c	29.30	-0.04	24	-1	E	3	b	0	0.00	27	19						
	Seydisfjord ...	29.10	32	W	3	c	29.34	+0.24	27	-6	SW	3	b	0	0.00	27	19						
SCANDINAVIA	Thorshavn ...	29.26	40	WSW	5	c	29.45	+0.19	41	-1	NNW	4	c	0	0.00	27	19						
	Haparanda ...	29.39	20	NE	2	o	29.41	+0.02	15	-7	E	2	o	0	0.20	25	12						
	Hernösand ...	29.43	36	0	0	b	29.25	-0.18	32	-4	N	2	c	0	0.00	39	30						
	Stockholm ...	29.63	40	S	2	c	29.44	-0.19	41	-2	SW	2	c	0	0.16	46	39						
	Wisby ...	29.76	46	SW	4	c	29.31	-0.45	46	-1	SW	6	b	0	0.16	50	45						
	Karlstad ...	29.53	44	SW	2	o	29.02	-0.51	41	-1	SW	2	o	0	0.43	46	39						
	Vardö ...	29.61	24	SSE	4	b	29.49	-0.12	23	+3	SW	4	b	2	0.00	23	18						
	Bodö ...	29.08	39	E	4	c	29.13	+0.05	37	-2	S	2	c	2	0.20	39	36						
	Christiansund ...	29.32	42	SW	5	o	29.34	+0.02	41	-2	W	3	c	5	0.35	43	37						
	Skudesnaes ...	29.22	42	SE	6	r	29.51	+0.29	45	-3	NW	8	c	6	0.47	48	39						
GERMANY, &c.	Farder (X'ania Fjord)	29.47	46	SSW	4	r	29.12	+0.65	42	-3	NNW	7	b	0	0.28	46	41						
	The Scaw (Skagen) ...	29.41	48	SW	7	o	29.17	+0.76	46	-3	NW	9	c	3	0.28	50	43						
	Blaavands Huk ...	29.58	52	SW	8	or	29.70	+0.12	45	-5	NNW	9	r	9	0.86	52	43						
	Cuxhaven ...	29.83	51	SW	7	o	29.91	+0.08	47	-1	W	8	or	4	0.04	54	46						
	Berlin ...	30.09	53	SW	3	o	30.01	+0.08	46	-6	W	5	c	0	0.04	55	46						
	Frankfurt ...	30.22	52	SW	4	o	30.30	+0.08	46	-5	NNW	1	b	0	0.04	57	46						
	Munich ...	30.33	50	SW	2	o	30.30	+0.07	49	+2	SW	4	c	0	0.00	54	46						
	The Helder ...	29.88	54	SSW	6	o	30.15	+0.27	48	-6	W	7	c	7	Trace	55	46						
	Brussels ...	30.10	52	SW	5	r	30.35	+0.25	40	-11	W	3	b	0	0.04	53	39						
	C. Gris Nez ...	30.03	54	SW	8	r	30.38	+0.35	46	-9	NNW	7	b	6	0.20	57	46						
	La Hève ...	30.17	54	SW	5	o	30.44	0.00	46	-5	NW	4	b	4	0.04	55	43						
	Ushant ...	30.31	54	N	5	b	30.50	0.00	52	-3	NNW	2	c	6	0.08	57	46						
	Brest (St. Mathieu) ...	30.30	55	W	5	o	30.53	+0.23	51	-4	N	2	o	3	0.04	57	50						
	Lorient (Bec Meien) ...	30.33	55	WSW	4	o	30.58	0.00	46	-4	N	3	c	5	0.00	59	45						
	Rochefort (Ile d' Aix) ...	30.38	55	SW	2	r	30.48	+0.10	52	-2	NNE	3	o	0	0.20	57	52						
Biarritz ...	30.39	57	WSW	3	o	30.45	+0.06	54	-1	SSE	1	c	4	0.08	61	54							
FRANCE	Paris ...	30.27	51	SSW	3	b	30.45	+0.18	43	-7	NNW	2	b	0	0.04	56	43						
	Belfort ...	30.39	51	W	3	o	30.42	0.00	49	0	WSW	4	o	0	0								

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 18TH NOVEMBER.



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 beginning to approach our Islands from the Atlantic, and backing and increasing winds are probable, with a renewal

of squally, unsettled weather. Temperature will again rise above the normal.

FORECASTS FOR THE 24 HOURS NOON Wednesday

TO NOON Thursday.

0 {
a Westerly to South-Westerly or
b Southerly winds, moderate at first,
increasing later; fair and cool, some
rain later and becoming milder.

1 {

2 {
a Westerly to South-Westerly
b winds, increasing in strength; fair

3 {

4 {
a to-day, squally and showery
b to-morrow; becoming milder

5 {

again.

again.

again.

FORECAST DISTRICTS.



STORM WARNING.

The Coasts upon which the Warning Signals are at present display are indicated thus:-

Signals hoisted yesterday.

South Coast.

North Coast.

Signals hoisted this morning.

South Coast.

North Coast.

South Coast hoisted at 1.55 yesterday afternoon in District 3.

6 {
a
b

7 {
a
b

8 {
a
b

9 {
a
b

10 {
a
b

South-Westerly winds, increasing in strength; fair at first, then squally and rainy; becoming milder.

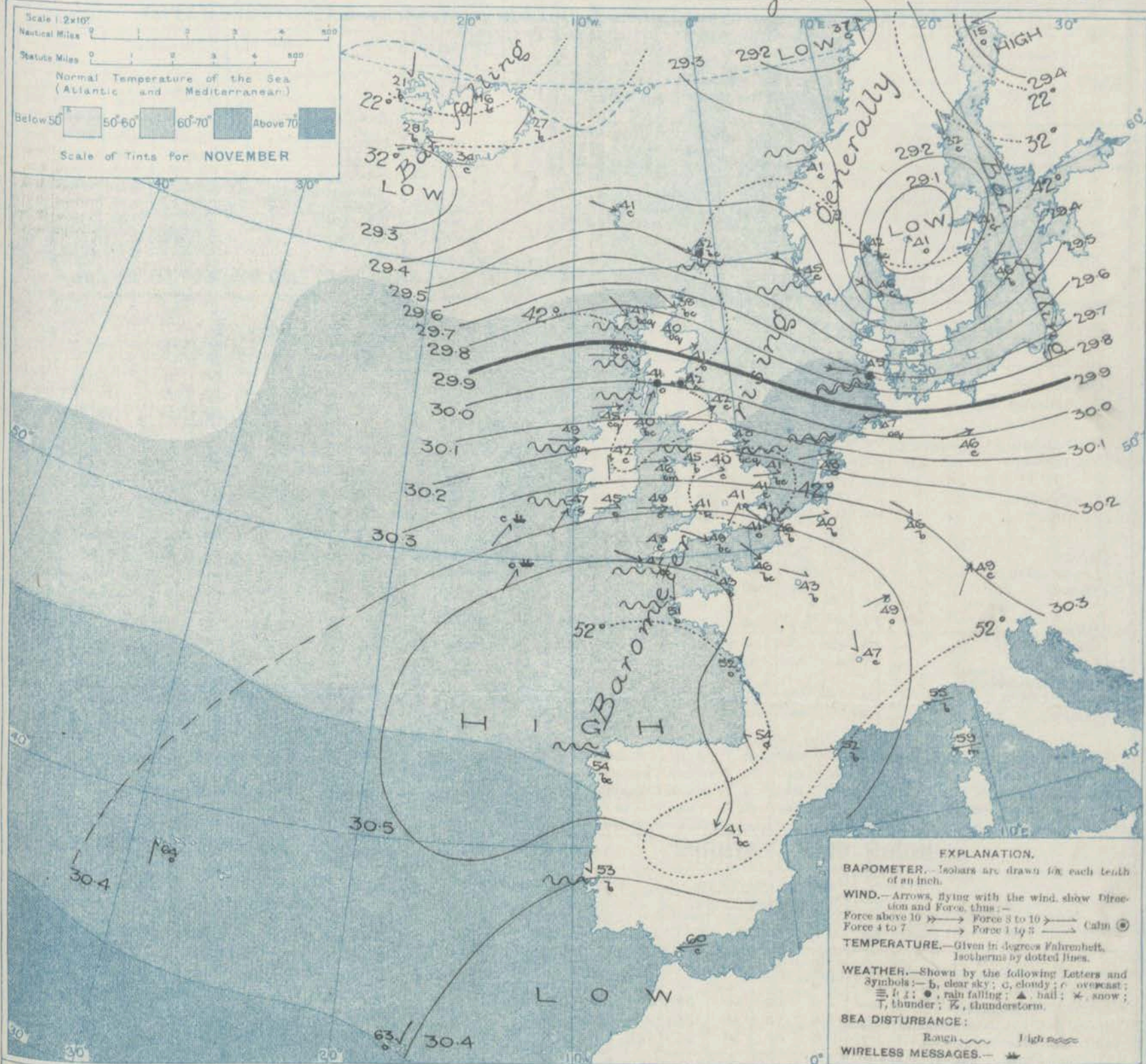
11 WESTERN CHANNEL AND BAY.

Freshening Westerly to South-Westerly winds mouth channel, with showery weather and a rough sea; moderate Northerly winds further south, with fair weather and a moderate sea.

THE FURTHER OUTLOOK. (All Districts).

rough, changeable weather is likely to continue.

SYNOPTIC CHART FOR 7 A.M. Wednesday, 19th NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A "V"-shaped depression which appeared over these Islands yesterday has developed into a more clearly defined system and is now passing across the south of Sweden. In its rear the barometer is rising over Western Europe generally, but on our own extreme western coasts the rise has almost ceased.

The wind is westerly to north-westerly over Western Europe as a whole, and blows with the force of a strong gale over Denmark, the Baltic and the south of Norway. On our own western coasts it is backing to the westward and south-westward. Temperature has

fallen generally. On our south-west coasts the thermometer is very little below 50°, but in other parts of the United Kingdom it is only a trifle above 40°, and at Wick it is as low as 38°. The weather is fair or fine over the greater part of Western Europe, but rain is falling in the south of Scotland and also in Denmark. The sea is rough or rather rough on nearly all coasts.

DAILY WEATHER REPORT.

Wednesday, 19th November 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.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
19th Jan.	51	13	Dominion	H	30.40	-1.8	SW	(0-12)	c	19th Jan.	54	22	Mongolian	O	29.66	+1.7	NW	(0-12)	c
19th Jan.	49	12	Lapland	H	30.49	0.0	SW	1-3	c	"	54	22	Caledonia	O	29.68	+2.1	WNW	8-9	c
18th Gpm.	54	25	Caledonia	O	29.96	+0.1	SW	8-9	c	"	49	22	Lapland	H	30.23	+0.2	WNW	6-7	c
"	54	25	Scandinavian	O	29.92	-0.4	WSW	8-9	b	"	54	22	Scandinavian	O	29.70	+2.0	WNW	8-9	c
"	54	24	Mongolian	O	29.97	+0.1	WSW	8-9	c	"	55	21	Dominion	H	30.02	+0.5	WNW	6-7	b
"	54	24	Empress of Ireland	H	30.07	+0.2	WNW	1-3	b	"	50	21	Montreal	O	30.12	+1.5	NW	8-9	bc
"	50	18	Dominion	H	30.44	+0.6	NW	6-7	b	"	49	17	Finland	O	30.03	-0.4	WNW	6-7	bc
"	49	17	Lapland	O	30.19	+0.7	WNW	6-7	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.	
Scot- land.	Oban ...	In. 0.31	F. 56	F. 40	r. o	othq	0.0	Eng- land, S.E.	Margate ...	In. 0.02	F. 56	F. 52	bc	bc, od	1.5
	St. Andrews ...	"	"	"	"	"	"		Ramsgate ...	" 0.08	55	51	"	or	1.3
Eng- land, N.E.	Harrogate ...	0.18	53	42	op. bc	p. bc, o. c	0.6	Eng- land, S.W.	Folkestone ...	"	55	52	or	or	1.3
	Scarborough ...	"	54	40	orq	bc	0.2		Hythe ...	"	"	"	"	"	1.1
Eng- land, N.W.	Blackpool ...	"	"	"	"	"	"	Eng- land, S.E.	Littlestone ...	"	57	53	op. bc	or. a	1.2
	Southport ...	0.33	54	46	or. c	orq, bc, c	1.3		Hastings ...	0.15	57	52	op. bc	or. a	1.7
Mid- lands.	Buxton ...	0.27	52	43	bc r	cr	0.3	Eng- land, S.W.	Bexhill-on-Sea ...	0.14	56	52	r. opq	orq	2.0
	Leamington Spa ...	0.03	56	48	o	c	0.8		Eastbourne ...	0.03	57	54	bc	orq	1.2
Wales.	Malvern ...	"	56	46	o. bc	bv	1.4	Eng- land, S.W.	Seaford ...	"	"	"	"	"	0.6
	Rhyl ...	0.13	56	46	o. c	bc, c. o	2.7		Brighton ...	0.11	56	54	c. op. or	r. d. o	0.0
England, E.	Colwyn Bay ...	0.30	56	46	r. c. b. bc	b. bc	0.8	Eng- land, S.W.	Worthing ...	0.07	56	52	c. or	or. o	0.0
	Llandudno ...	0.54	54	46	or	or	0.4		Littlehampton ...	0.03	"	"	"	"	0.0
England, E.	Bettws-y-Coed ...	"	"	"	"	"	"	Eng- land, S.W.	Southsea ...	0.03	56	53	"	or. o	0.8
	Aberystwyth ...	0.13	53	50	r. o. c	c. o	0.7		Ryde ...	0.14	56	54	o. op	op. o	1.0
England, E.	Tenby ...	0.11	55	46	d	bc, c	2.0	Eng- land, S.W.	Ventnor ...	0.20	"	49	"	"	0.7
	Lowestoft ...	"	58	52	o. c	c. o. cu	2.5	Eng- land, S.W.	Bournemouth ...	0.05	56	52	c. o	od. b	0.3
England, E.	Felixstowe ...	0.03	57	52	m. o. c	bc, mp. b	2.5		Weymouth ...	0.02	57	51	bc. og	g. bc, b	0.0
	Walton-on-Naze ...	0.02	56	51	o. c. bc	bc, bc	2.5	Eng- land, S.W.	Exmouth ...	0.03	56	52	b. gd	c. bc	0.0
England, E.	Southend-on-Sea ...	0.01	56	52	bc	bc	2.0		Teignmouth ...	0.04	56	51	or	c	0.0
								Eng- land, S.W.	Torquay ...	0.11	55	53	od	bc	0.0
									Paignton ...	0.14	56	50	od	bc	0.3
								Eng- land, S.W.	Falmouth ...	0.23	55	48	ond	o. bc	0.1
									Bude ...	0.16	57	51	d.	og	0.0
								Eng- land, S.W.	Ilfracombe ...	0.15	56	51	od	o. c	0.0
									Weston-super-Mare ...	0.05	56	52	b. bc p	b. bc, c	0.6

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.								Max.	Min.						
24 HOURS ENDED 9 A.M. TO-DAY.																				
Greenwich (Royal Obs.) ...	% 92	% 80	Hr. 2.5	F. 59	F. 40	F. 31	In. 0.02	bc.c	c.or	c.bc	Dublin to 4 p.m.	In. 0.19	F. 55	F. 44	F. 42	org	pg	bcq	Hr. 0.0	
City (Bunhill Row) ...	"	"	2.0	"	"	"	"	"	"	"	Plymouth to 9 p.m.	0.06	55	47	39	bc	odq	c.b	0.0	
Westminster (St. James's Pk.)	92	84	2.0	59	40	35	0.05	o	d.o	r.b	Darwen	0.70	52	42	39	bc.or	or	or.c	0.0	
Camden Sq. (Brit. Rainfall)	93	82	1.8	58	39	35	0.03	o.bc	bc.o.b	b	Manchester	"	"	"	"	"	"	"	1.2	
Hampstead (Reservoir) ...	"	79	1.8	56	38	25	0.06	c.	c.or	cc.bc	Birmingham	0.01	56	43	45	"	o	o.c	"	
Richmond Park	"	"	2.7	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																
Kew. (See front page.)	"	"	"	Total.			Average Rate.			Max. Rate.			S. Kensington (Museum Grounds to 6 p.m.)							
S. Kensington (Roof of M.O.)	94	82	1.4	204 Joules.			8.2 Milliwatts.			27.5 Milliwatts.			0.09	58	52	44	od.og	og	odq.og	"

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

19th & 20th Nov. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.22 7.24	G.M.T. 11.38 11.39	G.M.T. 3.55 3.54
Greenwich ...	7.26 7.28	11.45 11.46	4.5 4.4
Wick ...	8.42 8.44	11.57 11.58	3.48 3.42
Valencia ...	8.9 8.1	12.26 12.27	4.44 4.43

During yesterday the thermometer rose to 55° and upwards in most parts of England and Wales. The amount of bright sunshine was generally small. Rain fell generally, and lightning was seen at night in the west of Scotland and the north of Ireland. A strong gale was experienced over the northern parts of the Kingdom; at Liverpool the wind reached in squalls a velocity of 80 miles per hour, and at Ilfracombe of 83 miles per hour. Wireless reports show that as far west as the 25th meridian ships experienced gales and high winds from west and north-west with fair weather.

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

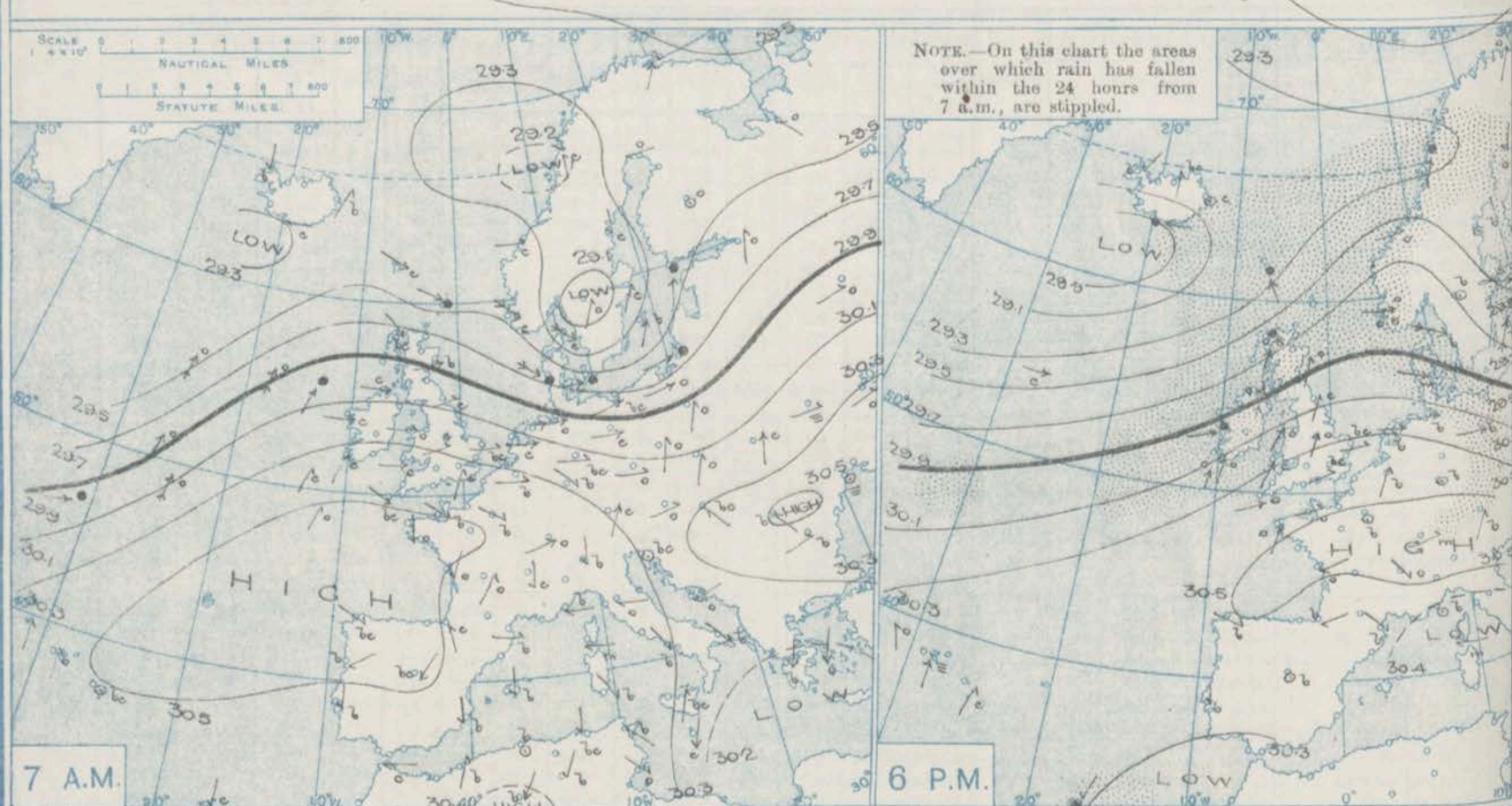
The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday
12th November, 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.	Force (0 to 12).	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.	Force (0 to 12).	Dir.			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 ...	29.60	45	SSW	4	or.	or.	29.03	+0.1	49	+7	SSW	8	cpq	6	0.40	50	29	cpq.v.	op.	opq	0.0		
Stornoway ...	29.64	48	SSW	7	orq.	orq.	29.31	+0.5	44	+3	SVV	7	opq	6	0.34	50	36	op	orq.	opq	0.0		
Castlebay (Barra Isd.)	29.71	50	SW	7	op	op	29.45	0.0	47	+1	SW	7	op	6	0.10	53	43	c op	op.	op	0.0		
Glasgow ...	29.95	47	SW	5	0	0	29.59	0.0	49	+3	WSW	5	aq	8	0.32	50	40	c.c.b.c.	ogq.	opq	1.6		
Malin Head...	29.85	46	SSW	8	0	0	29.50	0.0	46	+1	WSW	8	0	8	0.06	49	41	ogq.	ogq.	ogq.	0.0		
Blackod Point	29.89	50	WSW	7	0	0	29.73	+0.2	52	+2	WSW	7	opmq	6	0.16	52	46	ogmp	ogmp	ogmp	0.0		
Valencia ...	30.15	51	SSW	4	og	og	29.92	-0.1	54	+7	SW	5	ond	5	0.14	54	47	cb	cb	cb	0.14		
Roche's Point	30.24	50	W	3	0	0	29.97	0.0	53	+8	W	4	r	5	0.06	54	45	op	om	op.ond	0.0		
Birr Castle ...	30.11	47	SW	3	0	0	29.82	0.0	53	+11	SW	3	r	4	0.10	53	42	c	c	or	3.8		
Donaghadee ...	30.03	47	W	3	og	og	29.71	0.0	52	+12	SW	4	opmi	4	0.04	53	39	bcq	bc	og.cpq	0.0		
Liverpool Obsy.	30.19	49	WSW	3	0	0	29.89	-0.2	51	+6	SW	6	og	5	0.02	52	45	bc	c.o	opq	2.6		
Holyhead ...	30.20	50	SW	4	ogq.	ogq.	29.90	-0.4	53	+7	SW	6	odmq	6	0.08	53	46	c.b.c.	c.b.c.	opmq	0.4		
Pembroke (St. Ann's Hd.)	30.29	48	SW	6	0	0	30.03	-0.5	51	+2	SW	8	og	7	0.02	53	48	cq	cq	ogq	0.2		
Newquay ...	30.39	49	SW	4	0	0	30.17	-0.3	50	+2	WSW	5	om	3	0.02	52	48	c.b.c.	bc.c.o	om	2.2		
Scilly (St. Mary's)	30.39	51	WSW	5	or	or	30.18	-0.5	52	+5	WSW	6	ogq	6	Trace	53	46	bcw	bc	bc.c.o	2.0		
Jersey (St. Aubin)	30.50	51	WSW	2	0	0	30.33	0.0	51	+8	WSW	5	b	4	0.02	56	42	b.b.c.	c.o	o	2.9		
Portland Bill	30.40	52	WSW	4	bc	bc	30.17	-0.5	50	+1	WSW	6	c	5	0.02	53	50	bc	bc	bc.c.o	0.0		
Dungeness ...	30.43	49	SW	3	bc	bc	30.20	-0.3	52	+11	SW	7	aq	6	0.02	52	40	bc	bcw	bcw.og	6.1		
Dover ...	30.41	44	W	2	b	b	30.17	0.0	51	+10	SSW	6	0	5	0.01	51	41	b	bc	bc.c.o	0.0		
Wick ...	29.70	47	SW	5	c	c	29.29	+0.5	44	+6	WSW	6	bcq	5	0.22	48	37	bcq	og.cq	og.bep	0.0		
Nairn ...	29.75	46	W	5	og.	og.	29.39	0.0	45	+5	W	5	og	4	0.11	50	38	bcq	cd. bc.	og.cq	2.2		
Aberdeen ...	29.85	45	SSW	3	0	0	29.46	+0.8	50	+9	SW	5	b	3	Trace	51	40	b.b.c.	c.b.c.	og.bq	1.5		
Leith ...	29.90	48	SW	2	c	c	29.57	+0.1	51	+9	WSW	5	og	4	0.15	53	41	bc	c.od	og.ogq	0.0		
North Shields	30.09	47	SSW	3	c	c	29.69	0.0	52	+10	SW	4	c	2	0.02	52	44	c.o	c	c.o	2.7		
Spurn Head ...	30.21	46	SW	4	bc	bc	29.90	-0.9	43	+5	SW	6	ogq	5	0.02	48	41	og	c	o	0.0		
Yarmouth ...	30.33	44	WSW	3	bc	bc	30.09	-0.3	47	+6	SW	5	om	3	0.02	48	40	bc	bc	bc	4.9		
Clacton-on-Sea	30.29	47	WSW	3	c	c	30.14	-0.5	49	+8	SW	4	0	3	Trace	49	41	c.b.c.	bc.c.	bc.c.o	5.7		
Nottingham...	30.28	46	SW	4	0	0	30.01	0.0	48	+8	SW	5	op	4	0.02	51	43	c.o	o	c.b.c.	1.5		
Bath ...	30.38	49	SW	3	0	0	30.16	0.0	50	+9	SW	5	0	4	0.02	51	43	acp	o	c.o	1.0		
London (Kew Obsy.)	30.39	46	SW	2	bc	bc	30.17	-0.2	49	+8	SW	3	0	4	0.02	50	41	c.b.c.	bc.c.	bc.c.o	4.7		
ICELAND, FAEROE, &c.																							
Spitzbergen ...	29.67	19	ESE	5	b	b	29.67	+0.2	13	-9	0	0	b	0	0.02	22	9	0	0	0	0.0		
Isafjord...	29.17	31	NE	3	b	b	29.06	+0.4	32	+11	NE	5	0	0	0.02	36	28	0	0	0	0.0		
Reykjavik ...	28.98	33	E	6	0	0	28.91	+0.5	31	+3	0	0	bc	0	0.02	36	28	0	0	0	0.0		
Vestmanna ...	28.90	36	E	6	+	+	28.82	+0.4	33	-1	SW	2	s	1	0.02	36	28	0	0	0	0.0		
Seydisfjord ...	29.19	25	0	0	c	c	28.89	0.0	30	+3	NE	1	s	0	0.02	36	28	0	0	0	0.0		
Thorshavn ...	29.25	43	S	4	+	+	28.79	+0.4	44	+3	WSW	5	c	0	0.02	36	28	0	0	0	0.0		
SCANDINAVIA.																							
Haparanda ...	29.40	11	NE	2	0	0	29.41	-0.1	24	+9	SE	4	s	0	Trace	25	9	0	0	0	0.0		
Hernösand ...	29.44	30	0	0	b	b	29.55	0.0	29	-3	S	2	b	0	0.04	43	30	0	0	0	0.0		
Stockholm ...	29.50	36	WNW	6	0	0	29.75	+0.1	33	-8	WSW	2	b	0	0.08	46	39	0	0	0	0.0		
Wisby ...	29.56	43	SW	8	b	b	29.86	+0.2	43	-3	W	6	b	0	0.08	46	39	0	0	0	0.0		
Karlstad ...	29.71	35	0	0	b	b	29.67	-0.4	42	+1	SW	4	0	0	0.08	46	39	0	0	0	0.0		
Vardö ...	29.41	22	SW	2	0	0	29.41	-0.2	28	+5	SW	4	0	3	0.02	28	18	0	0	0	0.0		
Bodö ...	29.23	38	SW	4	r	r	29.26	-0.1	37	0	W	1	c	1	0.43	43	36	0	0	0	0.0		
Christiansund	29.51	38	WSW	3	0	0	29.44	-0.17	38	-3	SE	3	c	6	0.24	43	37	0	0	0	0.0		
Skudesnaes ..	29.86	46	W	6	0	0	29.44	-0.8	47	+2	SSW	9	r	7	0.51	47	37	0	0	0	0.0		
Færder (X'lania Fjord)	29.71	44	WSW	4	b	b	29.59	-1.0	46	+4	SW	6	0	4	0.04	46	41	0	0	0	0.0		
The Scaw (Skagen)...	29.82	46	NW	8	b	b	29.74	-0.6	47	+1	WSW	7	r	2	0.04	48	43	0	0	0	0.0		
Blaavands Huk ...	30.07	48	WNW	7	m	m	29.91	-0.8	49	+4	WSW	7	0	6	0.04	50	48	0	0	0	0.0		
GERMANY, &c.																							
Cuxhaven ...	30.19	47	W	5	b	b	30.09	-0.5	44	-3	SSW	4	og	2	0.04	50	43	0	0	0	0.0		
Berlin ...	30.22	45	W	5	b	b	30.28	+0.1	41	-5	SW	3	0	0	Trace	54	41	0	0	0	0.0		
Frankfurt ...	30.48	41	0	0	b	b	30.48	0.0	41	-5	SW	3	0	0	0.08	50	28	0	0	0	0.0		
Munich ...	30.56	41	SW	3	b	b	30.53	-0.3	45	-4	S	1	b	0	0.08	50	28	0	0	0	0.0		
The Helder ...	30.31	50	W	5	b	b	30.11	-0.7	51	+3	SW	6	0	5	0.08	52	48	0	0	0	0.0		
Brussels ...	30.45	41	SW	2	b	b	30.32	-0.6	41	+1	SSW	4	c	0	0.08	49	39	0	0	0	0.0		
FRANCE.																							
C. Grs Nez...	30.43	51	W	5	bc	bc	30.21	-0.6	51	+5	WSW	7	0	6	0.04	52	46	0	0	0	0.0		
La Hève ...	30.44	49	WSW	1	c	c	30.30	0.0	41	-5	SW	5	bc	4	0.04	54	37	0	0	0	0.0		
Ushant...	30.47	53	SW	3	0	0	30.31	0.0	54	+2	WSW	4	0	4	0.04	55	46	0	0	0	0.0		
Brest (St. Mathieu)	30.49	52	SSW	3	0	0	30.34	-0.2	53	+2													

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 19th NOVEMBER.



GENERAL INFERENCE

WEATHER PROSPECTS.

The depression in the far north will travel away to the eastward. Small secondary disturbances are likely to appear over various parts

of the United Kingdom, and a further increase in the strength of the wind will take place, with squally, showery weather.

FORECASTS FOR THE 24 HOURS NOON Thursday TO NOON Friday.

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

Strong South-Westerly to Westerly winds, a gale in places; squally, showery; mild to-day, colder to-morrow.

Strong South-Westerly to Westerly winds, a gale in places; mild; squally, 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 Cone.	South Cone.
North Cone.	North Cone.

South Cone hoisted at 2 p.m. in 0, 6, 7, 9, 10
do do 7 10 p.m. in 0, 1, 8.
do do 9 a.m. to-day in 1, 2, 3, 5, 8, 11

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

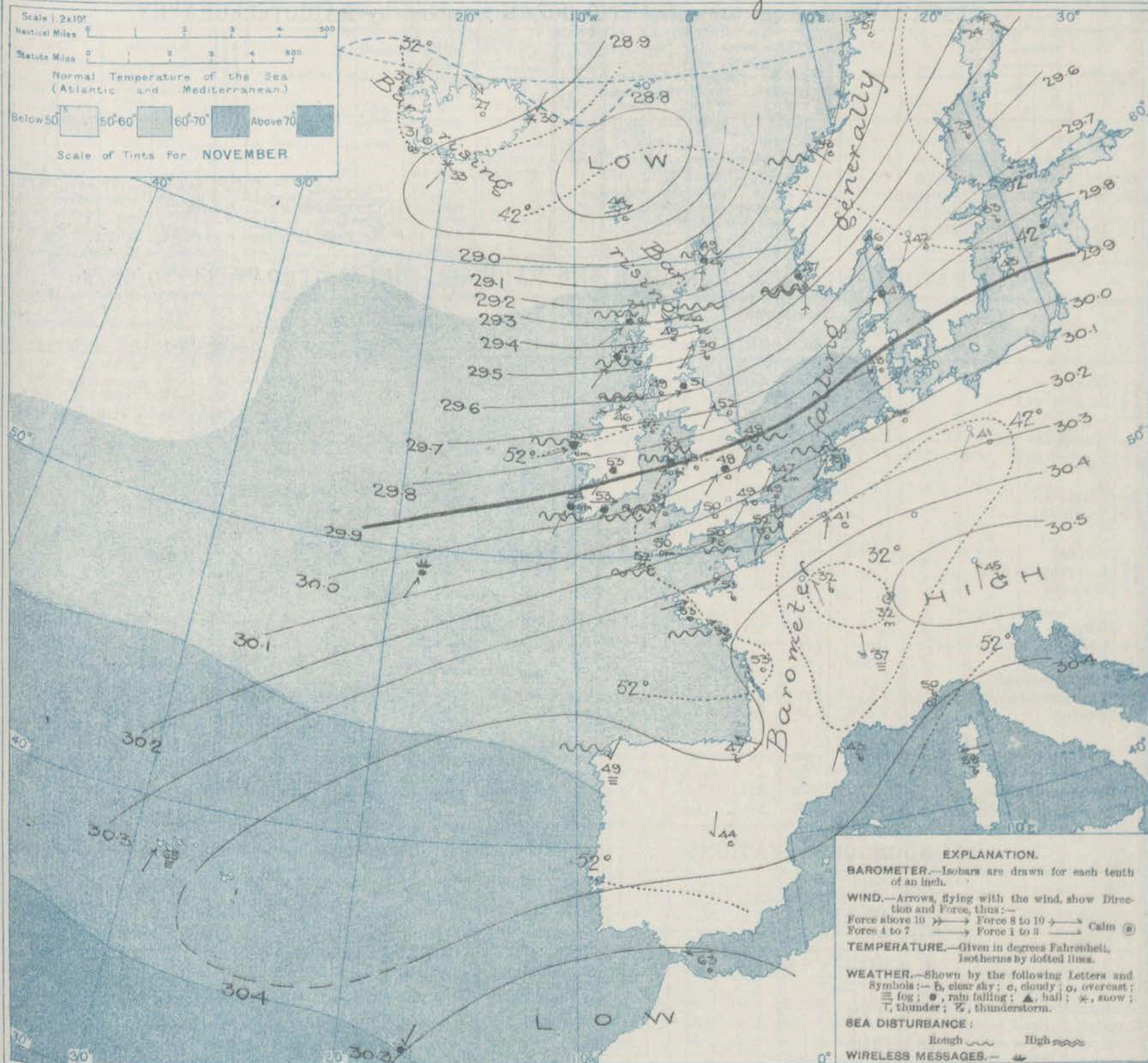
South-Westerly to Westerly gales and strong winds; squally, showery; mild to-day, cooler to-morrow.

11 WESTERN CHANNEL AND BAY.

South-Westerly to Westerly winds, strong to a gale mouth Channel, with squally, showery weather and rough sea; moderate further south with fair weather and a moderate sea; mild.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. *Thursday, 20th* NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The centre of a well marked depression is passing eastward between Iceland and the Faeroe, and the gradient over North-Western Europe has again become steep. The barometer is rising in Iceland and the north of Scotland, but falling in most other parts of our area of observation.

Strong South-Westerly winds prevail generally, and blow with the force of a gale in the Bristol Channel as well as in Shetland and the south of Norway. In the south of France the wind is light and variable. Temperature has risen decidedly

over the United Kingdom, and it is now slightly above 50° at most of our western and southern stations. On the Continent a general fall has taken place, and at Paris and Belfort the thermometer is as low as 32°. The weather is fine in France and South Germany, as well as at most of the Swedish stations. Elsewhere the sky is cloudy or overcast, with rain at many of our own western and northern stations, and snow in Iceland, as well as at Haparanda. The sea is very high off the north of Ireland, and rough or rather rough on nearly all coasts.

DAILY WEATHER REPORT.

Thursday, 20th November 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.	
20th 7am.	49	18	Olympic	H	30.05	-0.01	SW	1-3	r	19th 7am.	48	28	?	O	30.04	+0.07	WNW	4-5	c
19th 6p.m.	51	27	Mongolian	O	29.41	+0.07	W	8-9	c	" "	50	26	Montreal	O	29.87	-0.15	SSW	6-7	c
" "	51	10	Dominion	H	30.10	-0.05	SSW	6-7	c	" "	54	25	Mongolian	O	29.43	-0.05	SSW	8-9	c
" 7am.	47	31	Olympic	H	29.93	-0.03	WSW	6-7	r	" "	49	24	Finland	O	30.15	-0.11	SSW	8-9	c
										" "	55	18	Empress of Ireland	O	29.85	+0.04	SSW	8-9	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. 0.79	F. 49	F. 40	t. cr	try	0.0	England, S.E.	Margate	In. 0.09	F. 49	F. 41	b	b. bc. b	5.5
	St. Andrews	0.10	47	42	"	"	3.3		Ramsgate	0.03	50	38	"	"	5.7
Eng. N.E.	Harrogate	0.12	47	39	bc. bc. c	c. op. o	3.0	England, S.E.	Folkestone	0.13	51	39	r. b	b	5.6
	Scarborough	"	49	40	c. b	c. b	4.5		Hythe	"	"	"	"	"	5.6
Eng. N.W.	Blackpool	"	"	"	"	"	"	England, S.E.	Littlestone	"	51	38	b	b	6.2
	Southport	0.01	49	45	bc. p. o	o	0.6		Hastings	"	51	39	c. b	b. bc	5.7
Mid. land.	Buxton	0.09	44	37	bc	bc	2.5	England, S.E.	Bexhill-on-Sea	"	51	39	c. b	b. bc	5.7
	Leamington Spa	"	49	37	b	o	3.3		Eastbourne	0.14	52	41	bc. b	b. bc	5.7
Wales.	Malvern	"	49	41	b. bc	c	3.1	England, S.E.	Seaford	"	56	40	o	b. bc	6.0
	Rhyl	"	50	44	c	bc. c	2.5		Brighton	"	51	40	bc	bc. c. o	5.0
Wales.	Colwyn Bay	"	51	44	bc. c	c. bc	1.6	England, S.W.	Worthing	"	52	37	b. bc	bc	4.3
	Llandudno	0.01	53	44	bc. c	c	1.4		Littlehampton	"	"	"	"	"	4.5
Wales.	Bettws-y-Coed	"	"	"	"	"	"	England, S.W.	Southsea	"	52	41	c. bc	bc. c. o	4.0
	Aberystwyth	0.10	51	46	r. o	or. o	0.5		Ryde	"	51	45	b	b	4.0
England, E.	Tenby	0.02	55	39	o	od. o	0.3	England, S.W.	Ventnor	"	"	"	"	"	4.7
	Lowestoft	"	50	40	b	b. bc	5.2	England, S.W.	Bournemouth	"	52	37	o. c.	c. bc	3.3
England, E.	Felixstowe	"	50	41	bc. b	b. bc	6.1		Weymouth	"	53	44	b. bc	bc. c	3.4
	Walton-on-Naze	"	48	39	b	b. bc. c	5.4	England, S.W.	Exmouth	"	54	42	b	b	5.0
England, E.	Southend-on-Sea	"	56	39	bc	b	5.5	England, S.W.	Teignmouth	"	54	39	bc. c	bc. c	4.9
									Torquay	0.01	52	39	bc	bc. c. o	4.6
								England, S.W.	Paignton	"	"	"	"	"	"
									Falmouth	0.01	52	43	bc	c. b. o	2.1
								England, S.W.	Bude	0.02	53	43	b	bc	1.4
									Ilfracombe	0.03	53	43	cp. c	c. o	1.1
								England, S.W.	Weston-super-Mare	"	51	44	b. bc	b. bc	0.4

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 Obsy.) ...	69	74	5.3	51	42	36	-	b	b. bc	c. o	Dublin to 4 p.m.	In.	F. 49	F. 40	F. 38	b. c. v	c	c. o	3.5	
City (Bunhill Row) ...	"	"	3.3	"	"	"	"	"	bc	bc	bc. b	Plymouth to 9 p.m.	"	53	36	30	bc	bc	bc	0.3
Westminster (St. James's Ph.)	68	77	4.9	52	42	39	-	b	b. c. o	o. bc	Darwen "	0.09	44	41	36	bc. or	bc. b	c. up	2.9	
Camden Sq. (Brit. Rainfall)	69	75	4.7	51	41	39	-	bc	c	c	Manchester "	"	50	39	"	"	c	"	"	"
Hampstead (Reservoir) ...	"	77	5.0	49	39	30	-	bc	c	c	Birmingham "	"	48	37	31	"	c	"	"	"
Richmond Park ...	"	"	4.7	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.							Oxford to 8 p.m.	"	50	39	33	b. bc	bc. c	c. o	"	
Kew. (See front page.)	"	"	"	Total.							S. Kensington	"	53	40	29	b. bc	bc. b	b. c. o	"	
S. Kensington (Roof of M.O.)	72	76	4.6	29.4 Joules.		Average Rate.		Max. Rate.		(Museum Grounds to 6 p.m.)	"	53	40	29	b. bc	bc. b	b. c. o	"	"	
						9.4 Milliwatts.		20.6 Milliwatts.												

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

20th & 21st Nov. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 7.24 7.26	G.M.T. 11.39 11.39	G.M.T. 3.54 3.52
Greenwich	7.28 7.29	11.46 11.46	4.4 4.3
Wick	8.14 8.16	11.58 11.58	3.42 3.40
Valencia	8.11 8.12	12.27 12.27	4.43 4.42

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° or slightly above it in most parts of England and Ireland, and reached 56° at Jersey. Considerable amounts of bright sunshine were recorded in the south and east of England. Rain fell at most of our western and northern stations, and a gale from the south-west was experienced on the Irish and Scotch coasts. Wireless reports show that as far west as the 31st meridian ships experienced gales and strong winds from the southward and south-westward, with cloudy weather, and rain in places.

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

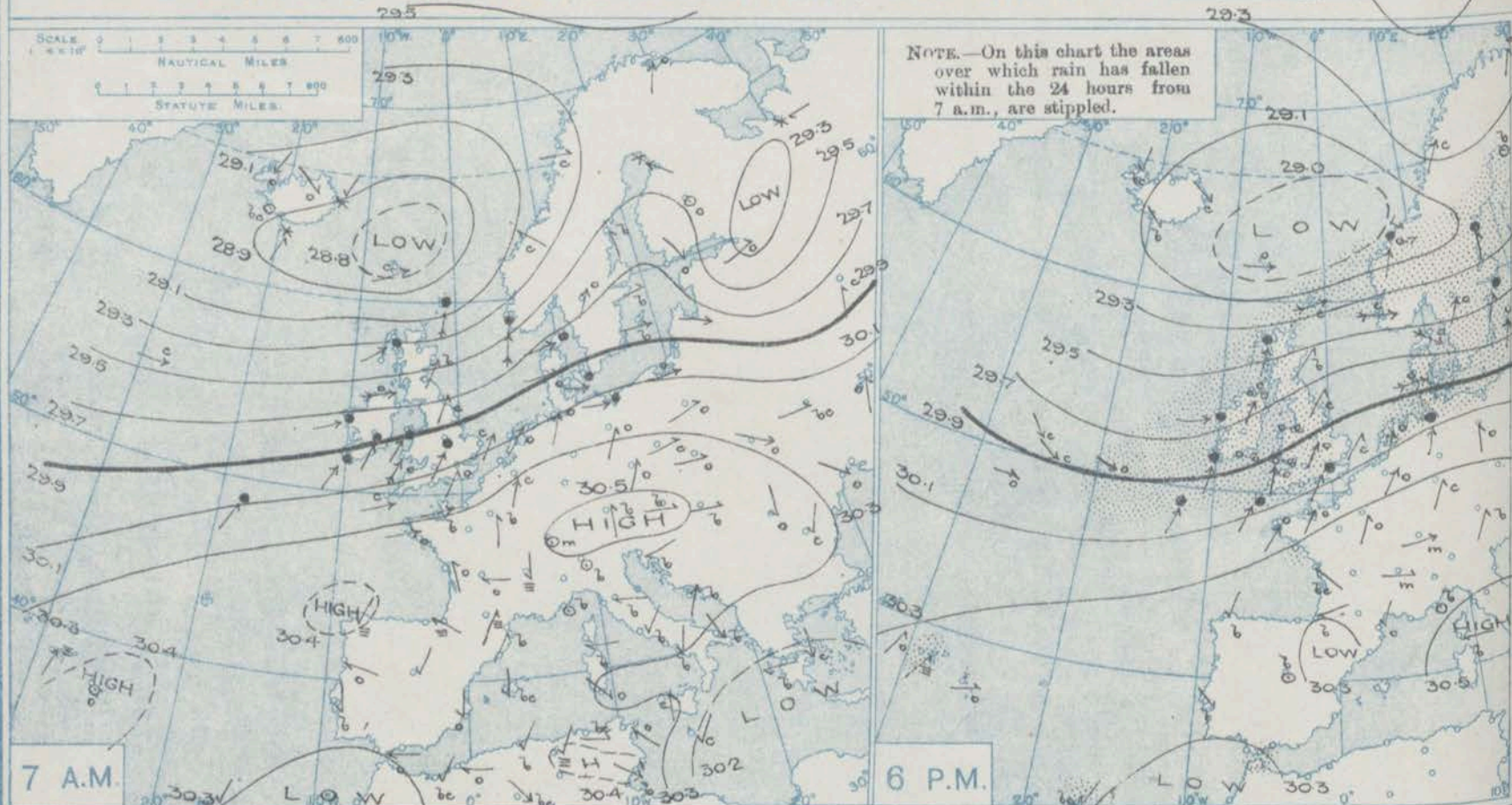
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,
21st November, 1913.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	BAROM.		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.				
BRITISH ISLANDS.																							
Lerwick ...	29.24	46	WSW	8	cg	29.33	+0.1	44	-5	SW	1	c	4	0.19	49	42	ephg.	ephg.	ephg.	Hours			
Stornoway ...	29.45	46	SSW	6	org	29.46	+0.3	37	-7	SW	3	bc	3	0.19	46	37	o.b.c.	bc. org.	bc. p.	1.4			
Castlebay (Barra Isd.)	29.48	46	WSW	5	o	29.50	+0.3	45	-2	W	4	bc	4	0.21	50	42	op.c	cl. op.	op. bc	2.7			
Glasgow ...	29.66	48	SW	4	+	29.51	0.00	42	-7	W	2	od	*	0.38	49	42	og.p.	op.	op	0.0			
Malin Head...	29.59	48	SW	6	c	29.53	+0.1	46	0	NW	5	cr	4	0.54	50	43	ogq.	omq.p.	omq.	*			
Blacksod Point	29.65	51	WSW	5	ogmp	29.65	+0.5	45	-7	WNW	3	bc	3	0.36	52	42	ogmp.	omq.	om. bc	*			
Valencia ...	29.79	54	SSW	4	omv.	29.78	+0.5	48	-6	WNW	5	bc	5	0.18	54	46	c. om.	omd.	md. c.	0.0			
Roche's Point ...	29.86	53	SW	3	f	29.71	*	48	-5	WNW	3	o	4	0.56	55	48	om. f.	f. m.	om. o	*			
Birr Castle ...	29.77	51	SW	1	c	29.67	*	43	-10	W	1	c	*	0.23	54	42	bc	bc. c.	od. c.	1.9			
Donaghadee ...	29.74	50	SW	3	cmf	29.56	?	45	-7	WNW	3	omq	3	0.14	53	44	om	cmf.	om. op	*			
Liverpool Obsy. ...	29.86	54	SW	4	c	29.60	-0.1	53	+2	SW	4	o	3	0.17	57	51	og	o	or	0.4			
Holyhead ...	29.84	54	SW	4	cgm	29.60	+0.1	52	-1	SW	2	om	2	0.58	55	52	opd. og	op. cam	b. r. o. cam	0.0			
Pembroke (St. Ann's Hd.)	29.94	54	SSW	7	o	29.66	-0.2	52	+1	WSW	6	org	7	0.60	55	51	egg	odm	odm	0.0			
Newquay ...	30.06	53	SSW	5	omd	29.96	-0.7	54	+4	SSW	4	om	4	0.32	54	50	o	omd	od. or	0.0			
Scilly (St. Mary's) ...	30.06	53	SW	5	omd	29.75	-0.6	53	+1	SW	5	om	6	0.06	54	51	om	om	omd. om	0.0			
Jersey (St. Aubin) ...	30.23	53	SW	4	og	30.00	*	52	+1	SSW	3	c	3	-	54	52	o	o	o. c.	0.1			
Portland Bill ...	30.11	53	WSW	6	o	29.83	-0.10	55	+5	SSW	8	o	6	0.01	55	50	c. o	opd.	odp	*			
Dungeness ...	30.12	54	WSW	5	cg	29.91	-0.8	54	+2	SW	8	cq	6	-	54	51	og	cq	cq	*			
Dover ...	30.12	51	SW	6	o	29.90	*	53	+2	SSW	6	og	6	0.02	53	50	o. cq	cq	op. o	0.7			
Wick ...	29.44	41	WSW	3	b	29.41	+0.1	41	-3	WSW	2	cmf. d	2	0.25	45	38	bc. epq.	bc. q. b	op. ep. d	*			
Nairn ...	29.52	44	W	3	ou	29.44	*	41	-4	W	1	og	1	0.33	46	40	og. e	cq	p. c	1.5			
Aberdeen ...	29.57	46	SW	3	b	29.45	0.00	43	-7	-	0	o	2	-	51	43	bc. b.	bc.	b. bc. q. o	3.1			
Leith ...	29.63	50	SSW	2	c	29.48	+0.1	44	-7	WSW	2	r	*	0.05	52	43	cp	cp	c	*			
North Shields ...	29.76	50	SW	2	c	29.50	-0.2	51	-1	SW	2	r	2	0.22	57	50	c	c	c. or	0.3			
Spurn Head ...	29.86	52	SSW	5	o	29.64	-0.8	52	+4	S	6	epq	5	0.07	53	48	cq	cq	cq	0.5			
Yarmouth ...	30.03	53	SW	3	cm	29.82	-0.2	52	+5	SSW	3	c	3	-	53	47	cm	cm.	o. c	0.1			
Clacton-on-Sea ...	30.08	51	SW	4	o	29.88	-0.6	51	+2	SSW	4	c	4	-	54	49	o. c	c. o	o. c	1.2			
Nottingham ...	29.92	54	SW	5	o	29.67	*	54	+6	SW	6	r	*	0.05	54	48	o	o	o. c	0.0			
Bath ...	30.06	54	SW	5	o	29.79	*	54	+4	SW	5	r	*	0.01	55	51	o	o	ogq.	0.0			
London (Kew Obsy.) ...	30.09	53	SW	1	od	29.86	-0.3	52	+3	SSW	4	o	*	0.01	53	49	o	o. od.	od. r. l. o	0.0			
ICELAND, FAEROE, &c.																							
Spitzbergen ...	29.56	19	S	2	c	29.50	+0.1	19	+6	E	1	c	*	-	19	10	GALES.						
Isafjord ...	29.13	30	N	1	bc	29.36	+0.8	25	-7	-	0	b	*	-	*	*	Duration and Extreme Force						
Reykjavik ...	29.13	30	NE	4	c	29.38	+0.6	23	-8	-	0	o	*	-	*	*	in British Islands						
Vestmanna ...	29.06	29	NW	3	b	29.37	+0.7	27	-6	N	1	b	1	-	*	*	Lerwick						
Seydisfjord ...	29.03	28	NW	3	c	29.20	+0.2	30	0	SSW	3	o	*	-	*	*	Jam - Mid. W.S.W. 9 1pm-6pm						
Thorshavn ...	28.94	43	WNW	6	o	29.19	+0.2	38	-6	WSW	5	c	*	-	*	*	Malin Head						
Haparanda ...	29.26	28	-	0	b	29.22	-0.1	30	+6	SSE	4	o	*	0.04	32	23	Jam - 10am. W.S.W. 8.						
Hernösand ...	29.12	37	S	2	r	29.28	+0.6	36	+7	-	0	bc	*	0.32	39	28	Pembroke						
Stockholm ...	29.36	45	SW	2	r	29.60	+0.7	43	+10	WSW	6	c	*	0.08	46	33	Jam - Noon. S.W. 8						
Wisby ...	29.59	46	SSW	6	o	29.77	+1.2	45	+2	SW	6	bc	*	0.16	48	41	8pm - 4am. 3.S.W. 8						
Karlstad ...	29.35	47	SW	4	o	29.62	+0.4	43	+1	WSW	2	b	*	0.08	48	41	Portland						
Vardö ...	29.38	21	SW	2	o	29.36	+0.2	26	-2	S	2	o	3	-	28	21	2am - 7am. 3.S.W. 8.						
Bodö ...	29.28	39	SW	6	c	28.95	+0.4	39	+2	E	4	o	2	-	39	32	Dungeness						
Christiansund ...	29.01	45	SW	7	rl	29.26	+0.5	41	+3	SW	8	r	6	0.67	45	41	4am - 7am. 3.W. 8						
Skudesnaes ...	29.47	47	W	8	c	29.46	-0.2	48	+1	WSW	6	o	6	0.28	50	39	Wick						
Færder (X'ania Fjord)	29.38	47	WSW	7	b	29.56	-0.1	48	+2	SSW	6	o	4	-	48	46	8am - 3pm. W.S.W. 8 in squalls						
The Scaw (Skagen)...	29.56	50	WNW	9	bc	29.63	-0.2	48	+1	SW	6	c	1	0.04	50	45	Hexham						
Blaavands Huk ...	29.82	52	WSW	9	o	29.78	-0.5	51	+2	SW	4	r	3	0.08	52	48	Jam - 2pm W. 8 gusts 53mph (a)						
Cuxhaven ...	30.00	46	SSW	6	r	29.98	-0.1	45	+1	SW	6	o	3	-	46	44	at Noon.						
Berlin ...	30.17	45	SW	3	o	30.15	0.00	43	+2	S	3	o	*	Trace	46	41	Bath						
Frankfurt ...	30.32	41	SW	2	c	30.24	-0.2	43	-	SW	3	o	*	-	46	34	4am. S.W. 8.						
Munich ...	30.43	41	SW	2	b	30.38	-0.2	30	-15	SE	2	b	*	-	46	28							
The Helder ...	30.04	52	SSW	5	o	29.91	-0.4	49	-2	S	5	o	4	0.04	54	48							
Brussels ...	30.23	45	SW	6	o	30.08	-0.6	47	+6	SSW	5	o	*	-	48	40							
GERMANY, &c.																							
C. Gris Nez...	30.15	53	SW	7	o	29.97	-0.5	52	+1	SW	7	o	6	-	54	51							
La Hève ...	30.26	48	SW	5	o	29.99	*	49	+8	S	5	o	4	-	50	41							
Ushant...	30.15	53	SW	5	o	29.91	*	55	+1	SW	6	o	5	-	55	50							
Brest (St. Mathieu)...	30.26	53	SW	4	o	30.00	-0.5	55	+2	SSW	5	o	5	-	59	53							
Lorient (Bec Meien)...	30.27	54	SW	4	o	30.09	*	54	+2	SW	4	o	4	0.04	55	43							
Rochefort (Ile d' Aix)	30.34	50	SE	2	bc	30.17	-0.5	49	-4	S	4	o	*	-	55	46							
Biarritz ...	30.29	53	ENE	3	b	30.23	0.00	59	+12	SW	3	b	2	-	59	47							
FRANCE.																							
Paris ...	30.33	46	SSW	2	o	30.17	-0.4	46	+14	SSE	2	o	*	-	47	32							
Belfort ...	30.42	42	WSW	4	m	30.35	*	38	+6	W	3	b	*	-	50	32							
Lyons ...	30.44	41	W	1	m	30.35	*	40	+3	SW	1	f	*	-	44	37							
Nice ...	30.43	51	-	0	b	30.49	0.00	47	-3	-	0	b	2	-	61	45							
Perpignan ...	30.37	54	NNE	2	o	30.28	-0.1	45	+2	SW	1	o	*	-	61	43							
Sanguinaire...	30.38	59	E	2	b	30.39	*	57	-1	E	2	b	3	-	63	50							
SPAIN, PORTUGAL, &c.																							
Corunna (8 a.m.) ...	30.38	57	NE	2	b	30.21	0.00	54	+5	S	1	o	3	-	59	50							
Lisbon (9 a.m.) ...	30.32	56	NNW	3	b	30.31	+0.5	51	0	N	2	b	5	-	57	52							
Gibraltar ...	30.28	63	E	3	c	30.26	*	63	0	E	3	o	2	0.01	64	62							
Azores (Horta, 8 a.m.)	30.30	*	SW	1	o	30.30	0.00	62	-3	-	0	o	2	0.08	68	61							
Madeira (Funchal) ...	30.32	61	NE																				

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 20TH NOVEMBER.



GENERAL INFERENCE

WEATHER PROSPECTS.

The secondary trough of low pressure which now lies over the United Kingdom will pass away to the eastward, and in its rear the wind will shift to the

Westward or North-Westward, with a temporary improvement in the weather. A decided fall of temperature is likely to take place over England.

FORECASTS FOR THE 24 HOURS NOON

Friday

TO NOON Saturday.

Same as Nos. 0 and 1.

0 {
a } Westerly to North-Westerly
b } winds, moderate or fresh; cold;
changeable, some showers, snow or
1 } sleet in places.

2 {
a } South-Westerly to Westerly
b } winds, strong at first, moderating
later; mild, squally and rainy, then
3 } fair and colder.

4 {
a } South-Westerly to Westerly
b } gales and strong winds, moderating
later; mild, squally and rainy at first,
5 } then fair and cold.

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

South Cone hoisted at 4.0 p.m. yesterday in Districts 2, 3, 5, 9, 11 & hoisted at 7.20 p.m. in Districts 0, 1, 6, 7, 9, 10.

6 {
a }
b }

7 {
a }
b }

8 {
a }
b }

9 {
a }
b }

10 {
a }
b }

Westerly and North-Westerly winds, strong at first; moderating later; weather improving temporarily and becoming colder.

11 WESTERN CHANNEL AND BAY.

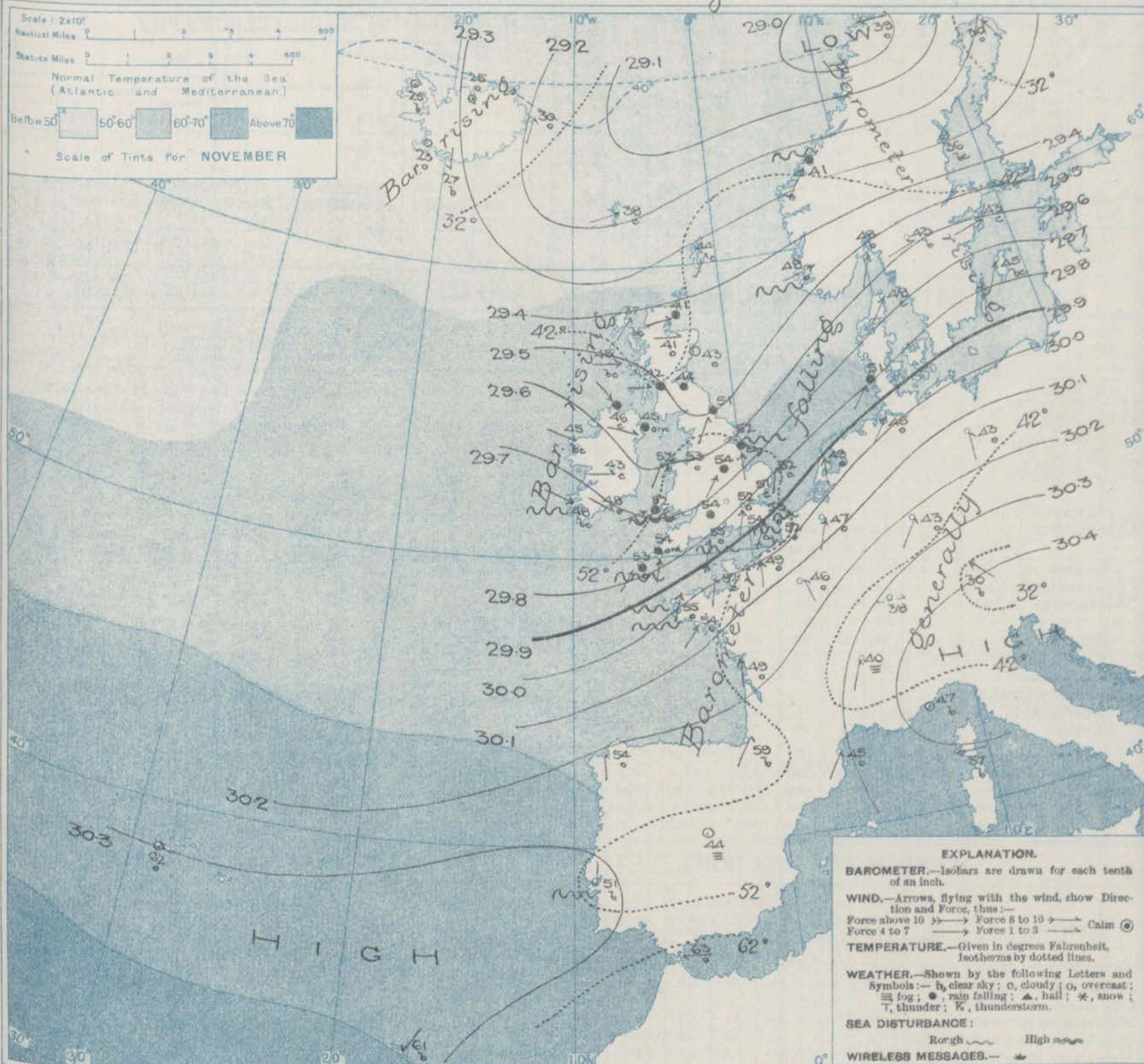
Strong South-Westerly to North-Westerly winds and a rough sea; squally and showery at first, improving later and becoming cooler.

THE FURTHER OUTLOOK.

(All Districts)

Changeable weather is likely to continue.

SYNOPTIC CHART FOR 7 A.M. Friday, 21st NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression recently noticed in the far north continues to travel eastward, its centre being now shown off the coast of Finmark. A secondary trough of low pressure is passing in a similar direction across the United Kingdom.

South-Westerly winds continue to prevail over the greater part of North-Western Europe and blow with the force of a gale in the Channel and also in the west of Norway. In Ireland the wind has shifted to the North-Westward. Temperature has risen over England and the

neighbouring parts of the continent, but fallen in Ireland and Scotland. Over the United Kingdom the morning readings range from between 52° and 55° over the greater part of England to 41° at Wick and Narvik, and to 37° at Stromaway. The weather is fine in the southern parts of France and Germany and also in Sweden, but cloudy or dull elsewhere, with rain in several places. The sea is high off Ambroise, and rough or rather rough on most parts of the English and Irish coasts.

DAILY WEATHER REPORT.

Friday, 21st November 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 6pm.	51	26	Royal George	H	29.75	-0.7	MW	6-7	C	20th 6pm	50	24	Coronia	H	29.90	+0.2	WNW	6-7	C
" "	49	12	Olympic	H	29.96	-0.1	SW	4-5	Y	" 7am	54	29	Mongolian	O	29.49	+0.1	W	6-7	C
" "	50	19	Menbrose	O	30.04	+0.9	WNW	6-7	O										
" "	49	27	Finland	O	30.04	+1.1	W	6-7	O										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland, (Oban ...)	In. 0.56	F. 52	F. 45	rtg.	eq.	0.0	(Margate ...)	In. -	F. 51	F. 42	c. bc	bc	0.0
St. Andrews ...	"	"	"	"	"	"	Ramsgate ...	"	51	42	"	"	0.0
England, N.E. (Harrogate ...)	0.02	54	43	o	o	0.0	Folkestone ...	"	52	40	"	"	0.0
Scarborough ...	"	55	45	o.c	o.c	0.0	Hythe ...	"	53	45	"	"	0.0
England, N.W. (Blackpool ...)	0.06	55	48	op.c.0	o.c.p.0	0.5	Littlestone ...	"	"	"	"	"	0.2
Southport ...	"	"	"	"	"	"	Hastings ...	"	54	48	"	"	0.0
Mid-lands, (Buxton ...)	0.09	51	41	bc.c	c.r	0.0	Bexhill-on-Sea ...	"	54	50	"	"	0.0
Leamington Spa ...	"	53	42	"	"	0.0	Eastbourne ...	0.01	54	50	og	og	0.0
Malvern ...	"	53	45	"	"	0.1	Seaford ...	"	54	50	"	"	0.0
Wales, (Rhyl ...)	0.02	59	45	bc	bc.c	2.7	Brighton ...	"	53	45	"	"	0.1
Colwyn Bay ...	"	59	47	c.bc	bc.o	0.7	Worthing ...	"	54	39	"	"	0.0
Llandudno ...	0.15	56	47	"	"	0.0	Littlehampton ...	"	"	"	"	"	0.0
Bettws-y-Coed ...	"	"	"	"	"	"	Southsea ...	"	"	"	"	"	0.5
Aberystwyth ...	0.07	54	49	or.o	o.or	0.0	Ryde ...	"	54	42	"	"	0.0
Tenby ...	0.20	55	50	d	d	0.0	Ventnor ...	0.02	"	49	"	"	0.0
England, E. (Lowestoft ...)	"	53	42	cv	c.c.o	0.0	Bournemouth ...	"	53	42	"	"	0.0
Felixstowe ...	"	49	42	m.o.bc	bc.m.o	1.3	(Weymouth ...)	"	54	49	"	od	0.0
Walton-on-Naze ...	"	54	42	c.bc	bc.c	1.3	Exmouth ...	"	54	45	"	b	0.6
Southend-on-Sea ...	"	54	39	bc	bc	1.5	Teignmouth ...	"	54	48	c.bc	bc.c	1.0
							Torquay ...	0.01	54	49	"	"	0.5
							Paignton ...	0.02	54	41	"	od	0.0
							Falmouth ...	0.07	52	42	ond	rm	0.0
							Bude ...	0.01	54	51	"	orm	0.0
							Ilfracombe ...	0.13	54	47	"	d	0.0
							Weston-super-Mare ...	"	54	46	"	bc.o	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 Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.			In Screen.		Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
				Max.	Min.		Max.						Min.						
				24 HOURS ENDED 9 A.M. TO-DAY.															
	%	%	Hr.	F.°	F.°	F.°	In.					In.	F.°	F.°	F.°				Hr.
Greenwich (Royal Obsy.) ...	82	81	0.0	54	51	48	0.02	0	0	or.0	Dublin to 4 p.m.	0.03	55	48	45	opq	cpq	c	0.0
City (Bunhill Row) ...	"	"	0.0	"	"	"	"	"	"	"	Plymouth to 9 p.m.	0.05	53	50	48	odq	og	og	0.0
Westminster (St. James's Pk.)	78	81	0.0	54	51	47	-	bc.0	0	or.02	Darwen	0.50	52	43	41	owr	or	oru	0.0
Camden Sq. (Brit. Rainfall)	80	79	0.0	54	50	48	0.03	c	0	or.0	Manchester "	"	52	44	36	"	"	0	0.0
Hampstead (Reservoir) ...	"	85	0.0	51	48	42	0.04	0	0	or.0.0	Birmingham "	-	"	44	36	"	"	0	"
Richmond Park ...	"	"	0.0	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.							Oxford to 8 p.m.	"	53	46	45	c.0	o.c.0	0	"
Kew. (See front page.)	"	"	0.0	Total.			Average Rate.		Max. Rate.										
S. Kensington (Roof of M.O.)	79	78	0.0	114 Joules.			3.7 Milliwatts.		8.5 Milliwatts.		S. Kensington (Museum Grounds to 8 p.m.)								
											- 54 46 36 c.0 0 0.0d "								

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

21st 22nd Nov. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.26 7.28	G.M.T. 11.39 11.39	G.M.T. 3.52 3.50
Greenwich ...	7.29 7.31	11.46 11.46	4.3 4.1
Wick ...	8.16 8.18	11.58 11.58	3.40 3.38
Valencia ...	8.12 8.14	12.27 12.27	4.42 4.40

During yesterday the thermometer rose to 55° and upwards in several isolated parts of the United Kingdom, and reached 53° at Rhyl and Colwyn Bay. The amount of bright sunshine was, as a rule, small. Rain fell in most districts, heavily in the west, and lightning was seen at Tewkesbury, and also at Castle Bay. Wireless reports show that to the westward of the 20th meridian ships experienced strong to high winds from the North-Westward, with fair weather.

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

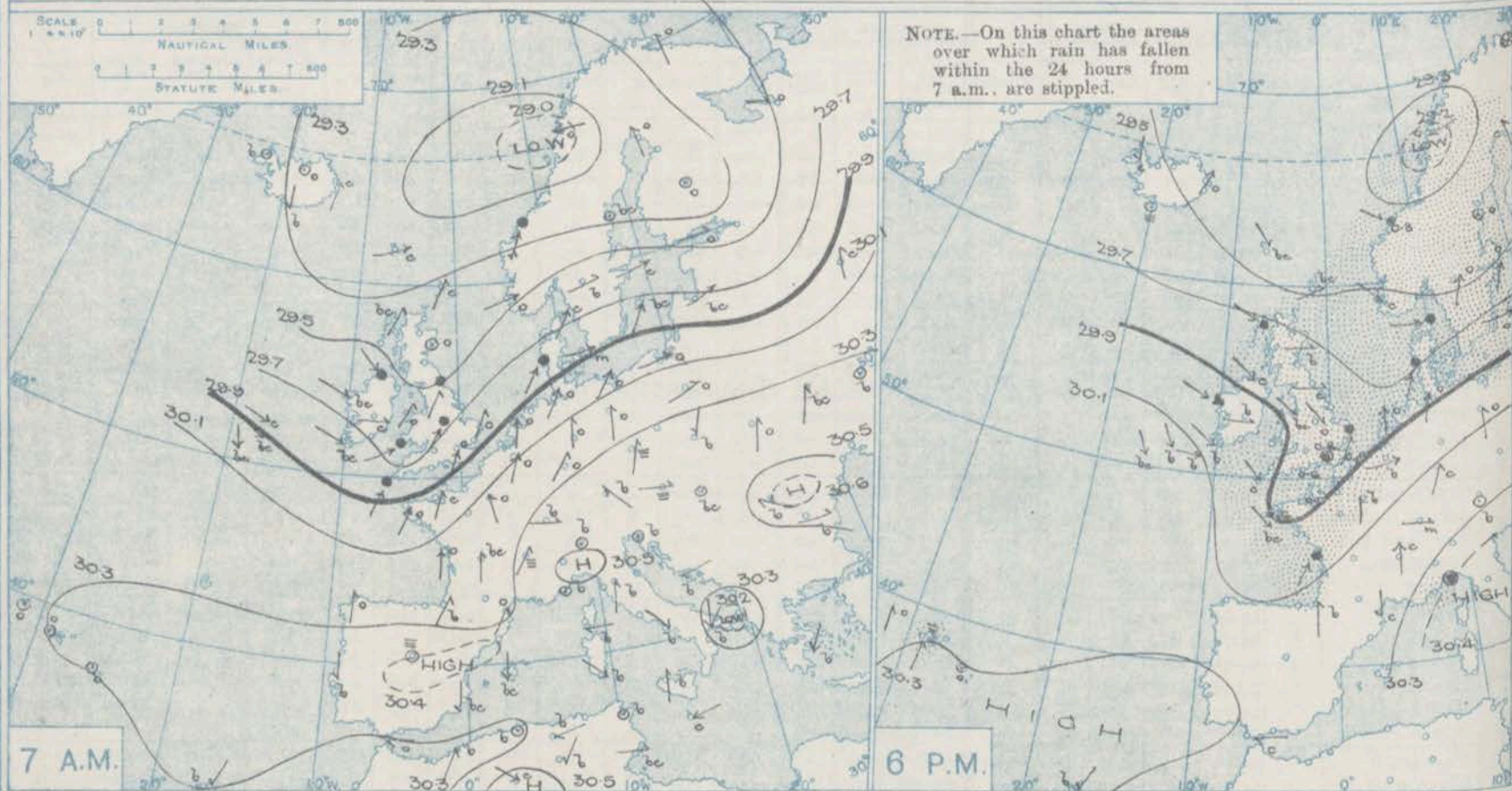
The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday,
22nd November 1913.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day
	BAROM.		WIND.		Weather	BAROMETER.		TEMP.		WIND.		Weather.	Sea (0 to 10).	Rain fall.	TEMP.		WEATHER.				
	At 32° F. and M.S.L. Lat. 45°	Dry Bulb.	Dirac.	Force (0 to 12)		At 32° F. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dirac.	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.		
BRITISH ISLANDS.																					
Lerwick ...	29.48	44	WSW	3	bc	29.83	+0.7	40	-4	WSW	3	bc	2	0.22	46	37	clh	bcp.	bcp. bc	Hours	
Stornoway ...	29.73	39	WNW	5	cq.	30.03	+0.6	38	+1	WSW	3	bcp	3	0.19	44	35	bcp.	bcp.	bcp. bc	3.6	
Castlebay (Barra Isd.)	29.81	45	W	4	bc	30.07	+0.4	46	+1	W	3	bc	3	0.04	47	41	c	c	hl. bc. b	2.0	
Glasgow ...	29.83	40	SW	1	by	30.16	+0.8	35	-7	-	0	b	"	0.02	44	34	c.c. c	c.c. bc.	by. bc.	0.7	
Malin Head...	29.85	45	NW	5	c	30.13	+0.6	43	-3	WSW	3	bc	3	0.04	47	42	bcp	cmy.	bcp. bc	"	
Blackod Point	29.99	45	WNW	3	bc	30.17	+0.1	47	+2	WSW	3	bc	3	0.03	48	37	bc	bcp.	bcp.	"	
Valencia ...	30.08	47	NW	4	b	30.23	+0.2	37	-11	NNE	1	b	4	0.03	48	37	bcp.	bcp.	op. c. b	1.4	
Roche's Point	30.04	44	N	3	b	30.31	"	38	-10	NNE	1	b	2	0.02	49	37	bc	bc. b.	bc.	"	
Birr Castle ...	29.99	38	W	1	b	30.27	"	31	-12	-	0	b	"	"	47	30	bc	b	bc.	4.0	
Donaghadee ...	29.85	42	WNW	2	bc	30.17	+0.8	35	-10	NW	2	bxc	2	"	47	35	c. bc	bc	b. bc.	"	
Liverpool Obsy. ...	29.88	47	NW	3	bc	30.24	+0.6	44	-9	WNW	2	b	2	0.03	53	43	c. c	c. c	bc.	0.0	
Holyhead ...	29.92	48	NW	3	bc	30.23	+0.6	45	-7	NW	2	bc	2	"	52	45	op. c.	c. bc.	bc. bc.	1.0	
Pembroke (St. Ann's Hd.)	29.94	47	NW	4	b	30.26	+0.7	45	-7	NW	3	c	3	0.05	55	43	op.	c	bc.	0.4	
Newquay ...	29.91	49	WNW	6	c	30.29	+0.8	47	-7	NW	3	b	4	0.43	54	46	op. op.	c. c.	cp. bc.	0.0	
Scilly (St. Mary's)	29.96	48	WNW	6	cq.	30.30	+0.4	46	-7	WNW	2	bc	4	0.22	55	44	cmy.	cq.	bcp. bc.	0.8	
Jersey (St. Aubin)	29.83	52	S	4	op. bc.	30.25	"	48	-4	N	3	bc	3	0.63	57	45	c. c.	op. bc.	bc.	0.4	
Portland Bill ...	29.82	51	NW	4	cq.	30.25	+0.4	45	-10	WNW	3	b	3	0.62	56	45	or	or.	bc. b	"	
Dungeness ...	29.82	54	SW	8	op.	30.17	+0.9	40	-14	NW	2	bc	2	0.40	55	39	c. c.	op.	op. bc.	"	
Dover ...	29.82	53	SW	6	o	30.18	"	41	-12	NW	4	bc	2	0.75	53	40	bc. c.	or. b.	or. bc.	0.0	
Wick ...	29.65	38	W	4	bc	29.99	+0.6	38	-3	W	4	bc	4	0.16	44	34	bcp. bc	bcp.	cq. bc.	"	
Nairn ...	29.74	38	W	2	bc	30.07	"	36	-5	-	0	bxc	1	Trace	44	35	b. bc	bc	bcp.	4.2	
Aberdeen ...	29.74	40	W	2	b	30.08	+0.9	39	-4	W	4	b	2	"	46	36	"	c. bc.	b. bc.	0.0	
Leith ...	29.78	42	SW	2	bc	30.13	+0.9	38	-6	W	2	b	2	Trace	46	37	c. c	c. bc.	bc. b.	"	
North Shields ...	29.78	44	W	3	c	30.15	+0.8	37	-14	WSW	3	b	2	0.01	52	36	r. o	c.	c. b.	0.3	
Spurn Head ...	29.77	48	WNW	4	bc	30.16	+0.9	40	-12	NW	3	b	4	0.08	52	40	or	o	b	0.0	
Yarmouth ...	29.78	52	SW	3	op.	30.13	+0.3	43	-9	NW	2	bc	3	0.20	54	42	or	c. my.	bc. or.	0.0	
Clacton-on-Sea ...	29.80	51	SSW	2	or.	30.16	+1.1	39	-12	NW	3	bc	2	0.33	53	39	c. c	or.	or. c. bc.	0.0	
Nottingham...	29.84	47	NW	3	o	30.21	"	35	-19	W	1	b	"	0.24	54	34	or	or.	c. c. b.	0.0	
Bath ...	29.85	49	N	1	o	30.29	"	33	-21	S	1	b	"	0.47	56	33	r	r.	or. bc.	0.0	
London (Kew Obsy.)...	29.82	50	-	0	or	30.23	+1.2	38	-14	WNW	1	bxc	"	0.76	54	38	or. r.	or. or.	or. o	0.0	
ICELAND, FAEROE, &c.																					
Spitzbergen ...	29.44	10	-	0	b	29.38	+0.1	7	-12	-	0	o	"	"	19	-4	"	"	"	"	
Isafjord ...	29.52	27	N	2	c	29.48	-0.5	28	+3	N	2	b	"	"	"	"	"	"	"	"	
Reykjavik ...	29.58	33	W	3	c	29.39	-1.3	28	+5	NE	5	s	"	"	"	"	"	"	"	"	
Vestmanna ...	29.57	31	-	0	b	29.25	-2.7	34	+7	E	10	r	1	"	"	"	"	"	"	"	
Seydisfjord ...	29.41	31	SW	4	o	29.65	+0.1	26	-4	W	1	b	"	"	"	"	"	"	"	"	
Thorshavn ...	29.41	33	WNW	2	bc	29.76	+0.4	37	-1	WNW	2	bc	"	"	"	"	"	"	"	"	
SCANDINAVIA.																					
Haparanda ...	29.37	28	S	2	c	29.36	0.0	23	-7	-	0	f	"	Trace	34	21	"	"	"	"	
Hernösand ...	29.43	34	-	0	o	29.47	+0.5	34	-2	W	2	f	"	0.12	39	32	"	"	"	"	
Stockholm ...	29.50	47	SW	4	o	29.57	+0.8	45	+2	WSW	4	o	"	0.39	40	43	"	"	"	"	
Wisby ...	29.71	46	W	6	o	29.68	+0.2	47	+2	WSW	6	c	"	0.04	48	45	"	"	"	"	
Karlstad ...	29.44	49	SW	4	o	29.64	+0.8	37	-6	-	0	b	"	0.32	48	36	"	"	"	"	
Vardö ...	29.37	28	-	0	3	29.34	0.0	30	+4	SE	4	o	1	"	30	14	"	"	"	"	
Bodö ...	29.16	36	ENE	2	o	29.14	-0.1	39	0	S	4	r	3	0.47	41	36	"	"	"	"	
Christiansund ...	29.36	41	WNW	2	r	29.56	+0.8	38	-3	W	6	o	6	0.83	41	27	"	"	"	"	
Skudesnaes ...	29.56	46	NW	4	c	29.82	+0.6	40	-8	WNW	8	c	4	0.32	48	39	"	"	"	"	
Færder (Klania Fjord)	29.43	48	SW	4	o	29.69	+0.6	44	-4	WSW	4	b	3	0.12	48	43	"	"	"	"	
The Scaw (Skagen)...	29.56	50	W	4	r	29.77	+0.5	46	-2	NW	6	o	1	0.32	52	45	"	"	"	"	
Blaavands Huk ...	29.69	50	SW	7	r	29.95	+1.0	48	-3	NW	3	c	2	0.28	52	46	"	"	"	"	
GERMANY, &c.																					
Cuxhaven ...	29.86	48	SSW	5	o	29.98	+0.8	47	+2	N	1	m	0	0.16	48	45	"	"	"	"	
Berlin ...	30.08	45	S	2	o	30.06	+0.1	46	+3	S	3	c	"	"	46	41	"	"	"	"	
Frankfurt ...	30.16	45	SW	1	c	30.17	+0.3	43	0	-	0	m	"	"	50	43	"	"	"	"	
Munich ...	30.29	39	-	0	b	30.30	+0.1	39	+9	SW	2	bc	"	"	48	30	"	"	"	"	
The Helder ...	29.83	51	S	6	o	30.08	+1.1	49	0	NW	3	bc	2	0.43	52	48	"	"	"	"	
Brussels ...	29.96	50	WSW	6	b	30.06	+0.8	49	+2	WSW	1	r	"	0.04	51	46	"	"	"	"	
FRANCE.																					
C. Gris Nez...	29.87	53	SSW	7	o	30.12	+1.2	48	-4	N	6	o	5	0.32	54	46	"	"	"	"	
La Hève ...	29.83	51	S	5	o	30.11	"	47	-2	NNE	4	m	4	0.24	54	43	"	"	"	"	
Ushant...	29.99	52	NW	5	bc	30.31	"	50	-5	N	5	bc	4	0.63	55	41	"	"	"	"	
Brest (St. Mathieu) ...	29.95	52	NW	5	o	30.34	+0.8	47	-8	NNE	3	c	3	0.35	57	45	"	"	"	"	
Lorient (Bee Melen).†	30.00	54	W	5	v	30.33	"	49	-5	WNW	4	e	4	0.20	57	43	"	"	"	"	
Rochefort (Ile d' Aix)	30.06	57	SW	5	o	30.20	+0.8	50	+1	WNW	4	bc	"	0.43	57	48	"	"	"	"	
Biarritz ...	30.17	57	S	3	b	30.28	+0.1	50	-9	WSW	5	c	4	0.32	59	48	"	"	"	"	
Paris ...	30.04	50	S	3	b	30.11	+0.6	49	+3	-	0	r	"	0.24	54	46	"	"	"	"	
Belfort ...	30.26	46	W	2	m	30.24	"	45	+7	E	2	c	"	"	54	38	"	"	"	"	
Lyons ...	30.24	56	S	5	c	30.20	"	54	+14	SSW	3	o									

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 21ST NOVEMBER.



GENERAL INFERENCE

WEATHER PROSPECTS.

A large depression which is advancing over the upper part of the Atlantic will occasion a general backing and freshening of the wind in these

Islands, with mild, unsettled weather. The change will commence to-day in the western districts, and will extend later to other parts of the country.

FORECASTS FOR THE 24 HOURS NOON

Saturday

TO NOON Sunday.

0 {
a Wind backing to the Southward
b and freshening; fair at first, rain later;
becoming milder.

1 {
a Wind backing to the South-
b Westward and freshening; fair and cool
to-day, some rain to-morrow and
becoming milder.

3 {
a Light Westerly and North-
b Westerly winds to-day, with fair, cool
weather, local fogs at night. Freshening
South-Westerly winds to-morrow, with
milder weather and some rain.

THE FURTHER OUTLOOK.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

6 {
a Same as No. 0.
b

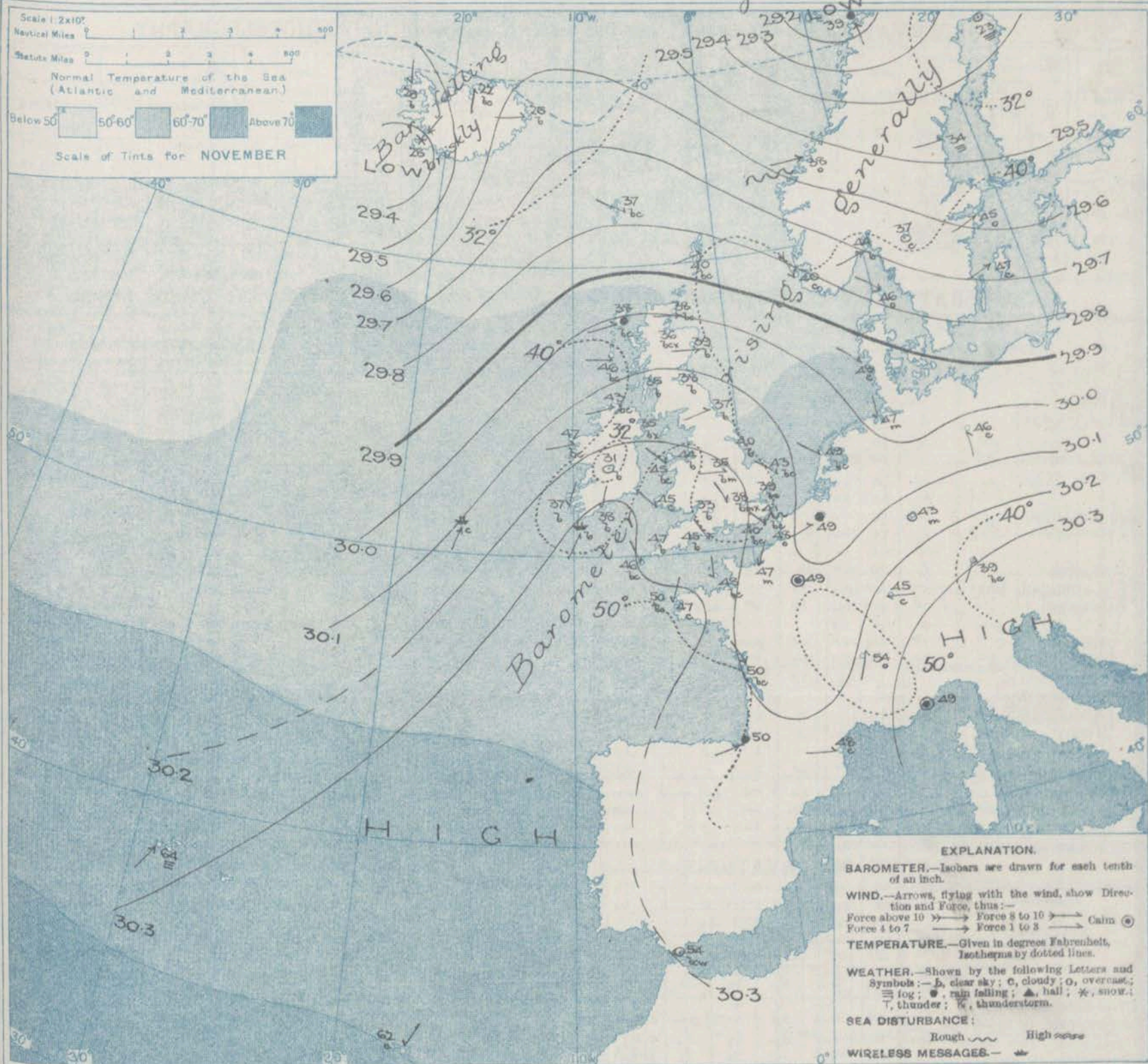
7 {
a Same as Nos. 1 and 2.
b

8 {
a Southerly and South-Westerly
b winds, increasing in strength; fair at
first, rain later; becoming
milder.

11 WESTERN CHANNEL AND BAY.

Light Northerly winds, backing later to West or South-West and freshening; sea moderate; fine to-day, becoming unsettled again to-morrow.

SYNOPTIC CHART FOR 7 A.M. Saturday, 22nd NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A ridge of high barometric pressure now extends over the United Kingdom from the Southward. A new depression is advancing over the upper part of the Atlantic, and is causing a brisk fall of the barometer in Ireland.

The wind is light from the Westward or North-Westward over the United Kingdom and the neighbouring portions of the Continent, and strong to a gale from the same quarters on the Norwegian coasts. In the north-west of Ireland it is backing to the South-Westward. Temperature has fallen decidedly in these Islands, the

change in Central England amounting to about 20°. The readings at present range from a little above 45° on the south-west coasts of England to 35° and less over the central parts of the United Kingdom generally. Fine weather is reported over the greater part of the British Islands, but showers are falling at Stornoway. At the continental stations the sky is mostly cloudy or overcast, with rain in many parts of France and Belgium. The sea is moderate or slight generally.

DAILY WEATHER REPORT.

Saturday, 22nd November 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.	
22nd Jan.	51	16	Baltic	O	30.11	-0.13	SSW	6-7	c	21st Jan.	51	19	Royal George	H	30.04	+0.05	NNW	6-7	bc
	51	9	Royal George	H	30.26	+0.01	SW	1-3	b		51	19	Canada	O	30.23	+0.06	WNW	1-3	bc
21st. 6pm	51	15	do do	H	30.17	-0.01	NNW	4-5	bc		51	17	Caronia	H	29.97	-0.01	NW	6-7	c
	51	12	Caronia	H	30.16	+0.06	NNW	4-5	b		52	17	Oceanic	O	30.01	+0.17	WNW	4-5	c
	51	11	Baltic	O	30.08	+0.03	WNW	4-5	b										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot. land. (Oban ... St. Andrews ...)	In. 0.64 0.04	F. 49 49	F. 41 36	c. cpy "	bc "	Hr. 1.7 1.3	Margate ... Ramsgate ... Folkestone ... Hythe ... Littlestone ... Hastings ... Bexhill-on-Sea ... Eastbourne ... Seaford ... Brighton ... Worthing ... Littlehampton ... Southsea ... Ryde ... Ventnor ... Bournemouth ...	In. - - 0.03 - - 0.07 0.08 0.04 0.19 0.24 0.19 0.18 0.12 0.25 - - 0.65	F. 54 53 54 54 54 54 54 55 55 54 54 55 55 54 54 54	F. 42 45 50 52 52 52 52 52 52 52 52 52 52 52 52 52	c c or or or or or or or or or or or or or or or	c. o. or c. o. or or or or or or or or or or or or or or or or	Hr. 0.0 0.0 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
Eng. N.E. (Harrogate ... Scarborough ...)	0.20 "	50 55	42 46	o o	o. c. bc o	0.0 0.0	Weymouth ... Exmouth ... Teignmouth ... Torquay ... Paignton ... Falmouth ... Bude ... Ilfracombe ... Weston-super-Mare ...	0.70 0.44 0.55 0.57 0.58 0.65 0.50 1.01 0.45	54 53 55 55 55 53 54 53 54	49 49 49 48 48 47 48 49 49	or r. c. bc or or r orm or r r	r. o. c d. c c. p. bc o o. c o. c r. c. bc r. c. bc	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
Eng. N.W. (Blackpool ... Southport ...)	0.78	51	46	op. c	c. bc. o	0.1	Wales. (Rhyl ... Colwyn Bay ... Llandudno ... Bettws-y-Coed ... Aberystwyth ... Tenby ...)	0.20 0.73 0.45 - 0.70 0.66	52 53 55 54 51 51	46 47 46 48 43	or. o b. c o r. o. c o o	d. c bc. c. bc o c. o. c o o	0.1 0.2 0.0 0.5 0.5
Mid- lands. (Buxton ... Leamington Spa ... Malvern ...)	1.04 0.62 0.42	51 53 53	43 49 45	c. or or p	or or o	0.0 0.0 0.1	England, S.W. (Lowestoft ... Felixstowe ... Walton-on-Naze ... Southend-on-Sea ...)	- 0.04 0.07 0.07	54 54 54 54	50 49 49 50	a. c. o l. f. m. o c o	or orm c. r o	0.0 0.0 0.0 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.		Fore- noon.	After- noon.	Night.			Max.	Min.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
				Max.	Min.														
F°	F°	F°	In.														Hr.		
Greenwich (Royal Obsv.) ...	94	78	0.0	54	39	28	0.59	o	o. or	or. ab	Dublin to 4 p.m.	0.18	47	44	40	or	a. c. b	c. b	0.0
City (Bunhill Row) ...	97	88	0.0	55	39	35	0.67	o	r	r. b	Plymouth to 9 p.m.	0.55	54	45	37	b	org	o	0.0
Westminster (St. James's Pk.)	97	88	0.0	55	39	35	0.67	o	r	r. b	Darwen "	1.07	52	39	47	or	or	or	0.0
Camden Sq. (Brit. Rainfall)	94	87	0.0	54	37	34	0.67	o	o. or	or. bc	Manchester "	0.34	52	44	48	r	r	o	0.0
Hampstead (Reservoir) ...	94	87	0.0	54	37	34	0.67	o	o. or	or. bc	Birmingham "	0.34	52	44	48	r	r	o	0.0
Richmond Park ...	94	87	0.0	54	37	34	0.67	o	o. or	or. bc	Oxford to 8 p.m.	0.34	54	46	44	org	org	or	0.0
Kew. (See front page.)	94	87	0.0	54	37	34	0.67	o	o. or	or. bc	S. Kensington (Museum Grounds to 6 p.m.)	0.49	54	50	47	or. o	or. o	or	0.0
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																			
Total.				Average Rate.				Max. Rate.											
129 Joules.				4.2 Milliwatts.				10 Milliwatts.											

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

22nd & 23rd Nov 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.28 7.29	G.M.T. 11.39 11.39	G.M.T. 3.50 3.49
Greenwich ...	7.31 7.32	11.46 11.46	4.1 4.0
Wick ...	8.18 8.20	11.58 11.58	3.38 3.36
Valencia ...	8.14 8.15	12.27 12.27	4.40 4.39

During yesterday the thermometer rose to 55° or slightly above it in several parts of England; in the west and north of Scotland it did not reach 45°. Over the greater part of England there was an entire absence of bright sunshine. Rain fell generally, heavily over our southern counties, and lightning was seen at Kew, as well as at Castlebay. Wireless reports show that as far west as the 20th meridian ships experienced moderate to strong winds from the North Westward and fair weather.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

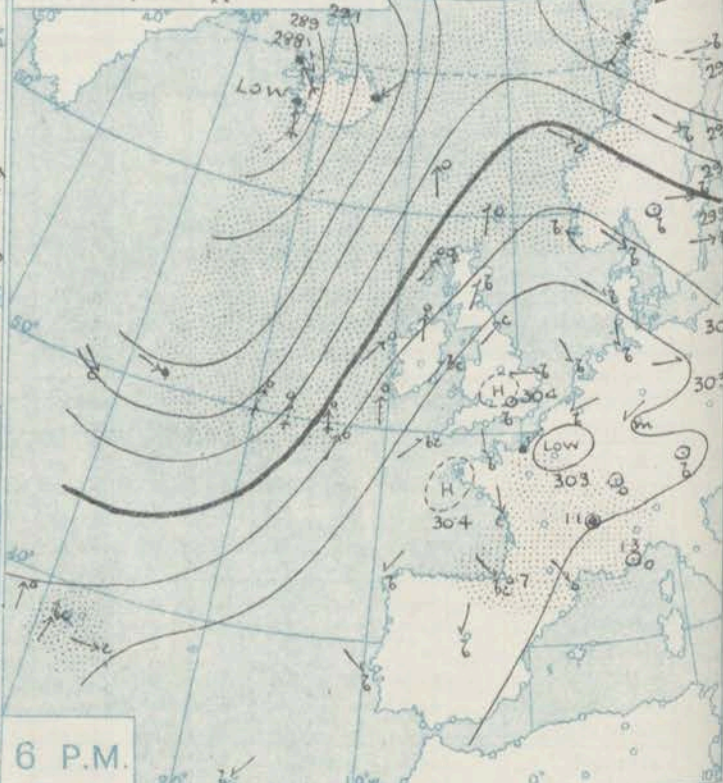
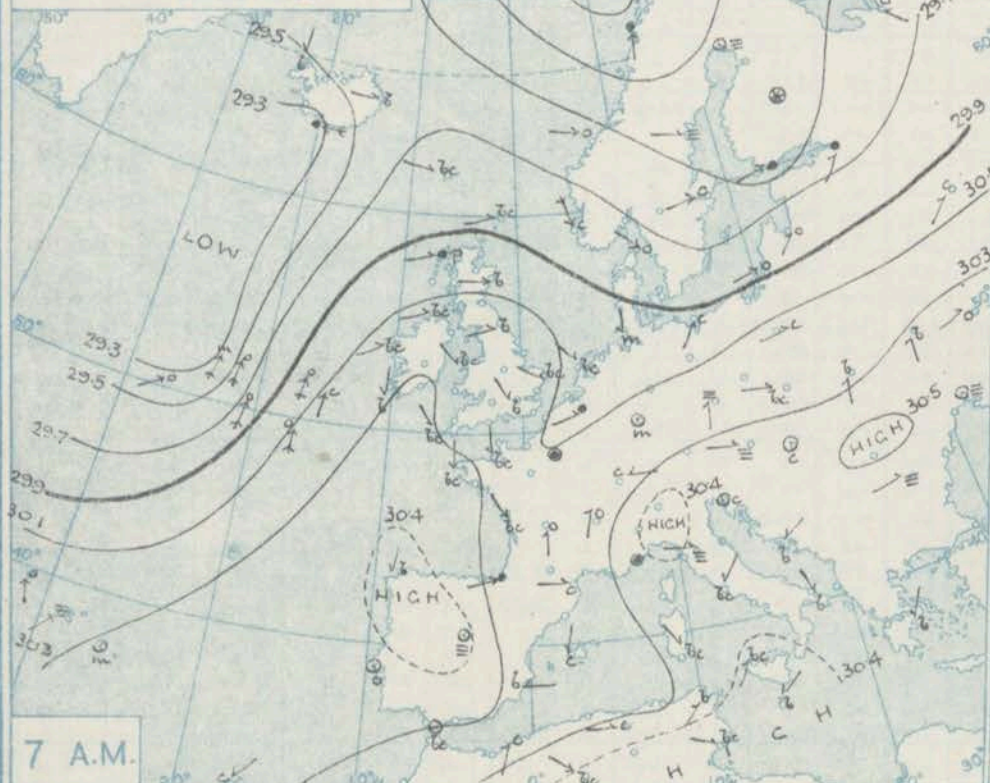
Sunday
23rd November 1913.

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. 46°	Dry Bulb.	Force (0 to 12).	Dir.	Force (0 to 12).	Weather.	At 32° F. 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.	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 ...	In.	F.	SSW	2	0	0	In.	In.	F.		SSE	8	og	6	In.	F.	F.	bef	cp	bc.og.	bc.og.	Hours					
Stornoway ...	29.91	45	SW	6	0	0	29.77	-0.04	48	+8	SSE	8	og	6	0.06	48	38	bef	cp	bc.og.	bc.og.	1.8					
Castlebay (Barra Isd.)	29.97	49	S	5	0	0	29.89	-0.10	48	+10	S	8	odap.	7	0.02	48	38	bcg.	bc.og.	odap.	odap.	0.0					
Glasgow ...	30.20	41	SSW	2	6	6	29.64	-0.08	49	+3	SSE	7	+	6	0.08	50	46	bc.o	og	ogp.	ogp.	0.0					
Malin Head...	30.01	43	S	7	0	0	29.97	-0.05	47	+12	S	2	og	*	0.01	47	35	by.bc.b	bc.o.bc	bc.o.c.o	bc.o.c.o	2.6					
Blackod Point	29.97	51	SW	6	0	0	29.61	-0.10	43	0	SW	10	0	8	-	46	41	cm	og	ogp.	ogp.	0.0					
Valencia ...	30.15	49	S	5	0	0	29.84	-0.06	52	+5	SSW	8	0	6	0.14	52	44	bc.cgg.	cgg.o.	ogp.	ogp.	0.0					
	30.13	49	S	5	0	0	29.74	-0.08	51	+4	S	6	omr	5	0.22	52	37	bc.o	bc.o	at	at	0.0					
Roche's Point	30.24	50	WSW	3	0	0	29.91	*	50	+12	SSW	7	+	6	0.15	51	37	b.bc.	c.o.	or.d.	or.d.	0.0					
Birr Castle ...	30.22	45	S	2	c	c	29.85	*	49	+18	S	6	c	*	-	49	30	bc	bc.c.	cq.	cq.	3.7					
Donaghadee	30.18	42	SW	2	bc	bc	29.91	-0.05	49	+14	SSW	5	cq	5	-	49	35	b	bc.	bcg.	bcg.	0.0					
Liverpool Obsy. ...	30.34	42	SSW	2	6	6	30.17	-0.05	35	-9	SE	3	b	3	-	48	35	b	b	b.	b.	6.6					
Holyhead ...	30.30	48	SW	2	bc	bc	30.05	-0.05	50	+5	SSW	6	ogp.	5	-	50	44	bc.b.bc.	b.b.c.	bc.og.	bc.og.	6.6					
Pembroke (St. Ann's Hd.)	30.34	53	SW	4	c	c	30.09	-0.07	50	+5	SSW	6	cq	5	trace	51	45	c	bc	c	c	5.0					
Newquay ...	30.36	42	S	2	6	6	30.14	-0.06	42	-5	SSE	1	b	3	-	51	35	bc.	bc.	b.	b.	6.1					
Scilly (St. Mary's)	30.36	47	WSW	2	bc	bc	30.12	-0.06	50	+4	S	5	c	4	-	52	44	bc.m	b	bc.v.	bc.v.	7.0					
Jersey (St. Aubin)	30.38	47	N	2	b	b	30.25	*	46	-2	N	1	ogm.	1	-	55	40	bc.b	b	b.o.	b.o.	6.7					
Portland Bill	30.38	45	N	2	b	b	30.25	-0.03	49	+4	ENE	3	c	2	-	49	41	b	b	b.be.	b.be.	0.0					
Dungeness ...	30.36	42	N	1	by	by	30.28	-0.04	48	+8	SE	3	c	4	-	55	38	bc	by	3.b.c.	3.b.c.	0.0					
Dover ...	30.35	42	N	3	b	b	30.27	*	45	+4	ESE	3	bc	3	0.01	48	39	bc.c.b	by	b.be.	b.be.	6.0					
Wick ...	30.04	45	S	4	c	c	29.72	-0.05	49	+11	S	7	cq	5	trace	49	35	bc.c	cq	cqf.	cqf.	0.0					
Nairn ...	30.05	44	SW	1	cm	cm	29.78	*	49	+13	SW	2	cq	2	-	49	35	bc	bc.c.	og	og	3.8					
Aberdeen ...	30.16	40	SSW	3	b	b	29.95	-0.05	47	+8	S	6	og	3	-	47	37	b	by	b.b.c.	b.b.c.	5.8					
Leith ...	30.18	41	SE	1	b	b	29.98	-0.05	47	+9	SW	3	c	*	-	48	37	b	b.be	o.	o.	0.0					
North Shields	30.31	41	SW	2	c	c	30.16	-0.04	36	-1	S	3	c	2	-	47	36	bc	c	c	c	5.7					
Spurn Head	30.34	43	WSW	2	b	b	30.25	-0.05	39	-1	SSW	3	bm	3	trace	48	37	b	bm	bm	bm	6.0					
Yarmouth ...	30.39	43	W	1	b	b	30.30	-0.02	48	+2	SSE	3	bc	2	-	49	36	bc.m	bc.m	bc.m.f.	bc.m.f.	5.4					
Clacton-on-Sea	30.38	43	NW	2	by	by	30.30	-0.04	48	+9	ESE	3	bc	3	-	48	38	bc.b	by	by.be.	by.be.	7.0					
Nottingham...	30.38	38	W	1	b	b	30.27	*	31	-4	SW	1	bm	*	-	48	26	bm	bm	bm.	bm.	3.7					
Bath ...	30.40	35	NE	1	b	b	30.25	*	28	-5	NE	1	b	*	-	55	26	m.b	bm	bm	bm	7.1					
London (Kew Obsy.)	30.40	39	-	0	by	by	30.29	-0.03	34	-4	-	0	f	*	trace	47	30	bm.b	by	by.fw.	by.fw.	5.7					
ICELAND, FAEROE, &c.																											
Spitzbergen ...	29.57	22	E	2	s	s	29.72	+0.05	21	+14	SSW	1	o	*	?	23	7	GALES. Duration and Extreme Force in British Islands Lerwick 1 a.m. - 7 a.m. Ex. SSE q at 5 a.m. Stornoway 7 p.m. - 7 a.m. Ex. S q in squalls. Malin Head 10 p.m. - 7 a.m. Ex. SW 10 since midn. Blackod Point 8 p.m. - 7 a.m. Ex. SW 8. Aberdeen Squall S 46 mph (3) at 5 a.m.									
Isafjord...	28.75	34	SE	9	+	+	28.53	-0.07	36	+8	SE	9	o	*	*	*	*										
Reykjavik	28.72	41	SSE	8	+	+	28.55	-0.07	38	+10	SSE	8	o	*	*	*	*										
Vestmanna	28.50	44	SE	7	+	+	28.70	-0.01	39	+5	SSW	8	b	2	*	*	*						*				
Seydisfjord	29.21	37	NE	4	+	+	28.77	-0.04	46	+20	SW	2	bc	*	*	*	*										
Thorshavn	29.73	44	S	5	0	0	29.30	-0.08	49	+12	SSW	9	+	*	*	*	*										
SCANDINAVIA.																											
Haparanda	29.34	19	W	2	b	b	29.60	+0.14	22	-1	NW	4	bc	*	-	23	16	GALES. Duration and Extreme Force in British Islands Lerwick 1 a.m. - 7 a.m. Ex. SSE q at 5 a.m. Stornoway 7 p.m. - 7 a.m. Ex. S q in squalls. Malin Head 10 p.m. - 7 a.m. Ex. SW 10 since midn. Blackod Point 8 p.m. - 7 a.m. Ex. SW 8. Aberdeen Squall S 46 mph (3) at 5 a.m.									
Hernösand	29.64	38	NW	4	b	b	29.91	+0.05	37	+3	WNW	4	b	*	-	39	32										
Stockholm	29.93	36	W	4	b	b	30.10	+0.04	33	-12	W	2	b	*	-	48	32										
Visby	29.93	44	W	6	b	b	30.17	+0.06	41	-6	WNW	4	b	*	-	48	41										
Karlstad	30.02	33	-	0	b	b	30.22	+0.02	28	-9	-	0	b	*	-	43	27										
Vardö	29.33	31	-	0	o	o	29.55	+0.09	31	-1	-	0	c	2	-	32	28										
Bodö	29.40	41	SW	8	+	+	29.82	+0.10	41	+2	W	4	c	2	0.32	43	39										
Christiansund	29.93	43	WNW	5	c	c	29.99	-0.02	43	+5	-	0	c	5	0.28	43	38										
Skudesnaes	30.16	37	SE	2	b	b	30.19	-0.01	47	+7	S	6	c	4	0.04	47	37										
Færder (X'ania Fjord)	30.05	43	WSW	5	b	b	30.19	+0.02	43	-1	WSW	4	bc	3	-	45	41										
The Scaw (Skagen)	30.13	44	NW	7	b	b	30.26	+0.01	45	-1	NW	3	b	1	-	46	43										
Blaavands Huk	30.29	46	NW	2	b	b	30.38	+0.02	46	-2	W	2	b	2	-	50	45										
Cuxhaven	30.34	42	N	1	b	b	30.41	-0.00	34	-13	S	1	bc	0	-	48	34										
Berlin	30.30	46	W	2	b	b	30.44	+0.01	32	-14	W	1	bc	*	trace	54	32										
Frankfurt	30.30	50	NE	1	m	m	30.34	+0.01	44	+1	NE	1	c	*	-	55	43										
Munich	30.33	41	-	0	b	b	30.33	-0.02	33	-6	NE	3	bc	*	-	50	30										
The Helder	30.38	44	NW	1	b	b	30.37	-0.01	33	-16	SSE	1	m	1	-	52	?										
Brussels	30.37	43	ENE	1	b	b	30.27	-0.02	39	-10	ENE	1	f	*	trace	50	37										
GERMANY, &c.																											
C. Gris Nez	30.35	47	E	4	b	b	30.29	-0.02	41	-7	ESE	1	b	2	-	52	39										
La Hève	30.31	47	NE	3	+	+	30.25	*	44	-3	NE	3	o	2	0.08	50	41										
Ushant	30.29	46	NE	3	b	b	30.24	*	48	-2	SE	3	b	3	-	55	43										
Brest (St. Mathieu)	30.42	48	NE	2	b	b	30.24	+3	45	-2	ESE	2	b	2	-	54	43										
Lorient (Bec Melen)	?	56	NNE	3	b	b	30.18	*	44	-5	NE	3	c	3	-	57	39										
Rochefort (Ile d'Als)	30.32	50	NW	5	c	c	30.18	-0.03	45	-5	ESE	3	o	*	0.16	57	45										
Biarritz	30.36	52	NW	3	bc	bc	30.24	-0.03	46	-4	SSW	3	th	3	0.71	54	43										
FRANCE.																											
Paris	30.28	49	NNE	2	o	o	30.24	-0.01	47	-2	NNE	1	o	*	0.04	50	46										
Belfort	30.31	48	-	0	o	o	30.25	*	40	-5	E	2	f	*	0.04	53	40										
Lyons	30.30	45	-	0	+	+	30.23	*	44	-10	-	0	+	*	1.10	55	43										
Nice	30.28	50	-	0	o	o	30.20	-0.01	49	0	E	2	o	4	1.26	54	49										
Perpignan	30.29	50	NW	3	o	o	30.25	-0.01	46	-2	W	3	bc	*	0.04	54	43										
Sanguinaire																		GALES. Duration and Extreme Force in British Islands Lerwick 1 a.m. - 7 a.m. Ex. SSE q at 5 a.m. Stornoway 7 p.m. - 7 a.m. Ex. S q in squalls. Malin Head 10 p.m. - 7 a.m. Ex. SW 10 since midn. Blackod Point 8 p.m. - 7 a.m. Ex. SW 8. Aberdeen Squall S 46 mph (3) at 5 a.m.									
SPAIN, PORTUGAL, &c.																											
Corunna (S.a.m.)	30.36	54	NE	1	b	b	30.23	-0.04	43	0	E	1	o	3	-	55	39										
Lisbon (S.a.m.)	30.34	51	NW	1	b	b	30.30	-0.00	52	-3	NW	2	o	5	-	59	48										
Gibraltar																											
Azores (Horta, S.a.m.)	30.21	50	SSW	4	bc	bc	30.25	+0.02	65	+1																	

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 22nd NOVEMBER.



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

SOUTH CONE HOISTED
in Districts 0, 6 and 9 at 6.55pm yesterday.
in Districts 1, 7, 8 and 10 at 8.20am today.

6 { a
b

7 { a
b

8 { a
b

9 { a
b

10 { a
b

11 WESTERN CHANNEL AND BAY.

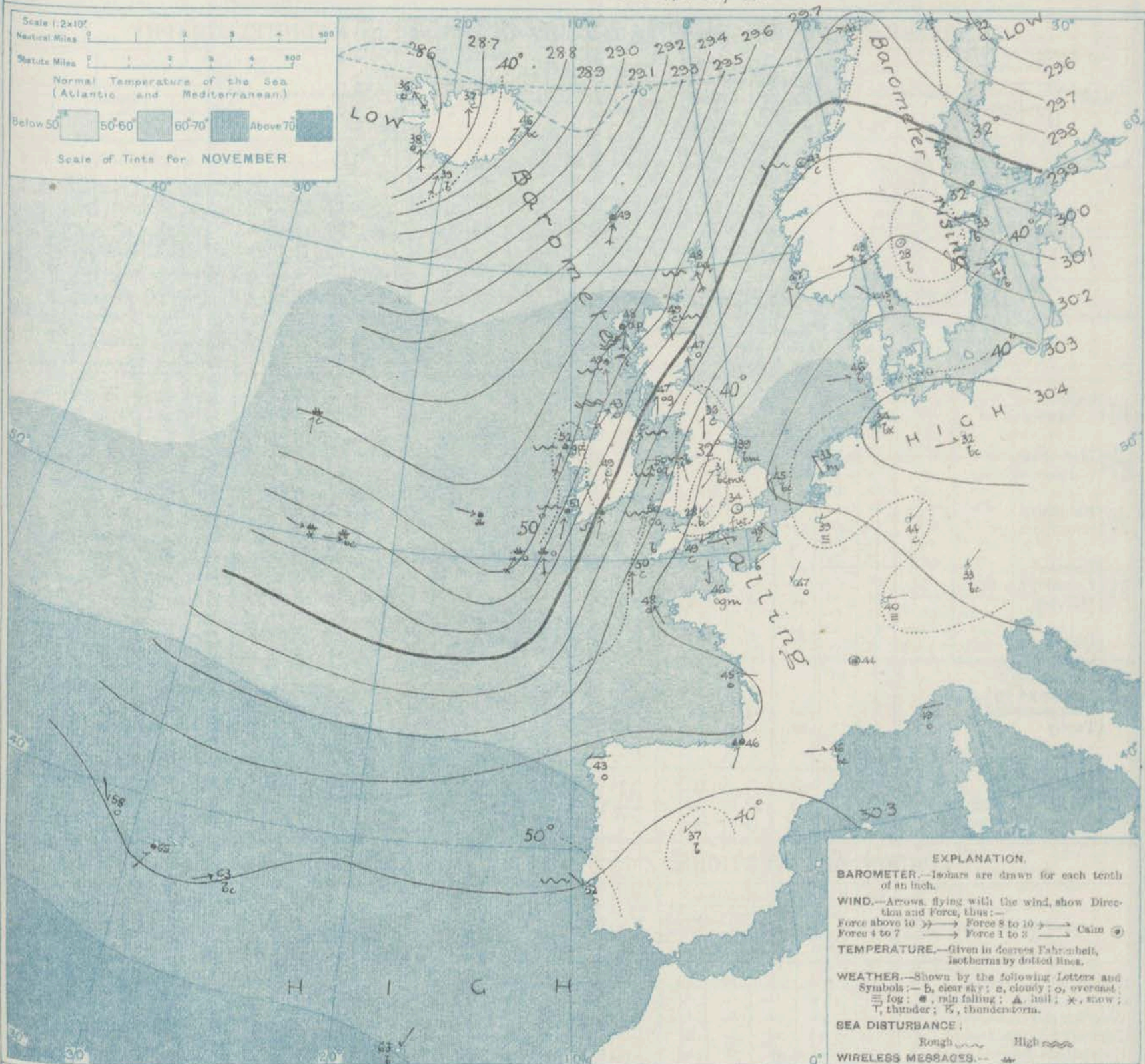
THE FURTHER OUTLOOK.

None Issued

None Issued

SYNOPTIC CHART FOR 7 A.M. SUNDAY, 23rd

NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is below 28.5 in. in a large depression centred between Iceland and Greenland, and relatively low in a "V"-shaped disturbance extending thence to the south-westward of Ireland, and also in a very shallow system over the Bay of Biscay. Over the southern half of the Spanish Peninsula and thence to Madeira and the Azores the readings are above 30 in., and over North Germany above 30.5 in.

Strong winds or gales from the southward prevail on our most western and northern coasts and between Scotland and Iceland, but over a considerable portion of England and the nearer regions of the Continent the wind

has little force, and is rather variable in direction. Over the Gulf of Bothnia a light to moderate breeze from West or North West is reported. Wireless reports show that some distance to the westward of Ireland the main wind current is Westward and its force strong, but in lat. 55° N. and long. 25° W. there is a light wind from South. Temperature has fallen over the inland districts of England and a wide area on the Continent. Over these Islands generally the weather is cloudy to fair, but fog prevails in London, and rain is falling in several parts of Ireland and in the Hebrides. Rain is also falling at Lyons, and rain & hail at Biarritz.

DAILY WEATHER REPORT.

Sunday, 23rd November, 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.	
2nd, bpm.	49	32	Oceanic	O	29.58	+21	NW	6-7	c	22nd, Jan.	50	27	Oceanic	O	29.36	-10	SW	4-5	c
"	50	27	Canada	O	29.33	+03	WNW	6-7	r	"	51	23	Canada	O	29.30	-21	SSW	8-9	m
"	51	19	Flaverford	O	"	"	SW	8-9	m	"	51	21	Saxonia	H	"	"	SSW	10-11	c
"	51	19	Saxonia	H	29.51	-04	SSW	8-9	c	"	50	20	Andania	H	29.78	-05	SSW	8-9	c
"	50	17	Andania	H	29.69	-01	SSW	8-9	c	"	49	18	Minnewaska	H	30.09	-02	SSW	8-9	c
"	49	14	Minnewaska	H	30.00	+01	SSW	6-7	c	"	51	17	Flaverford	O	29.99	-13	SSW	8-9	c
"	50	14	Montrose	H	29.85	+01	S	10-11	c	"	50	17	Montrose	H	30.00	-02	SSW	8-9	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	In.	F.°	F.°			Hr.	{ Margate	In.	F.°	F.°			Hr.	
	{ St. Andrews								{ Ramsgate						
Eng. N.E.	{ Harrogate	-	46	34	b	b	6.0	{ Folkestone	0.48	49	44	b	b	5.2	
	{ Scarborough	*							{ Hythe	0.58	50	43	*	*	5.7
Eng. N.W.	{ Blackpool							{ Littlestone	0.73	54	41	b	b	5.5	
	{ Southport	0.02	52	40	b. bc	bc. b.	6.2		{ Hastings	*	*	*	*	*	5.8
Mid- lands.	{ Buxton	-	44	33	bc	b	5.2	{ Bexhill-on-Sea	0.40	53	40	at. b.	b	7.3	
	{ Leamington Spa	-	45	32	bc	bc	4.5		{ Eastbourne	0.40	51	41	b	b	7.4
Wales.	{ Rhyl	-	50	36	bc	bc	6.7	{ Seaford	0.74	55	40	b	bm.	6.6	
	{ Colwyn Bay								{ Brighton	0.80	52	39	b	b	6.6
England, E.	{ Lowestoft	0.44	48	37	bm.	b. f.	7.1	{ Worthing	0.54	47	39	at. b. bc.	bm.	5.8	
	{ Felixstowe	0.26	48	38	bm.	bm. b. f.	6.9		{ Littlehampton	0.44	50	39	b	b	7.1
	{ Walton-on-Naze	0.35	48	38	bc	b	6.5	{ Southsea	0.18	*	*	*	*	6.9	
	{ Southend-on-Sea								{ Ryde						
								{ Ventnor							
									{ Bournemouth	-	50	38	b	b	7.6
								{ Weymouth		50	39	b. b.	b. b.	6.9	
									{ Exmouth						
								{ Teignmouth	0.01	51	41	b	b	7.2	
								{ Torquay	0.01	51	37	b	b	6.6	
								{ Paignton	-	53	36	b	bc. b.	6.3	
								{ Falmouth	0.07	52	41	bm. b.	b	6.1	
								{ Bude							
								{ Ilfracombe	0.01	52	41	bc. b.	b	4.5	
								{ Weston-super-Mare							

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 Obsy.) ...	%	%	Hr.	F.°	F.	F.	In.	b	b	bx.f.	Dublin to 4 p.m.	In.	F.°	F.°	F.°	bx.	b	bc.	Hr.	
City (Bunhill Row) ...	"	"	4.2	"	"	"	"	"	"	"	Plymouth to 9 p.m.	-	47	35	32	bcg	bc	b	b.4	
Westminster (St. James's Pk.)	70	100	1.9	49	34	31	-	bm	bm	b.f.	Darwen	-	50	36	29	c. of bf	bc	bc	5.1	
Camden Sq. (Brit. Rainfall)	71	100	4.8	47	30	28	-	b	b.bm.	bm. om.	Manchester	0.01	47	36	32	"	bc	bc	1.2	
Hampstead (Reservoir) ...	"	99	6.3	46	33	19	-	bm.x	c.bc	f.b.f.	Birmingham	-	45	44	"	o ef	bcg	bcg	3.4	
Richmond Park	"	"	5.0	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.							Birmingham	-	47	37	28	"	c	c	"	
Kew. (See front page.)	"	"	"	Total.							Oxford to 8 p.m.	"	49	34	25	o.bm	bm	bm.		
				Average Rate.			Max. Rate.													
				7.9 Milliwatts.			17.5 Milliwatts.													
				244 Joules.																

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

	23rd. 24th. Nov. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.29 7.31	G.M.T. 11.39 11.40	G.M.T. 3.49 3.48	
Greenwich ...	7.32 7.34	11.46 11.47	4.0 3.59	
Wick ...	8.20 8.22	11.58 11.59	3.36 3.35	
Valencia ...	8.15 8.17	12.27 12.28	4.39 4.38	

During the night the thermometer fell to 26° at Bath and Nottingham, and to 30° at Kew observatory. On the grass the minima were as low as 19° at Greenwich and Hampstead. Rain was measured in Ireland, but over the Kingdom generally the day was very fine, the sunshine records being very high for the time of year. Gales from the southward were experienced at some of our western and northern stations and according to wireless reports gales from that quarter occurred on the Atlantic between the Irish coast and the 23rd meridian.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,
24th November, 1913.

1913.

WHA
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Sun-
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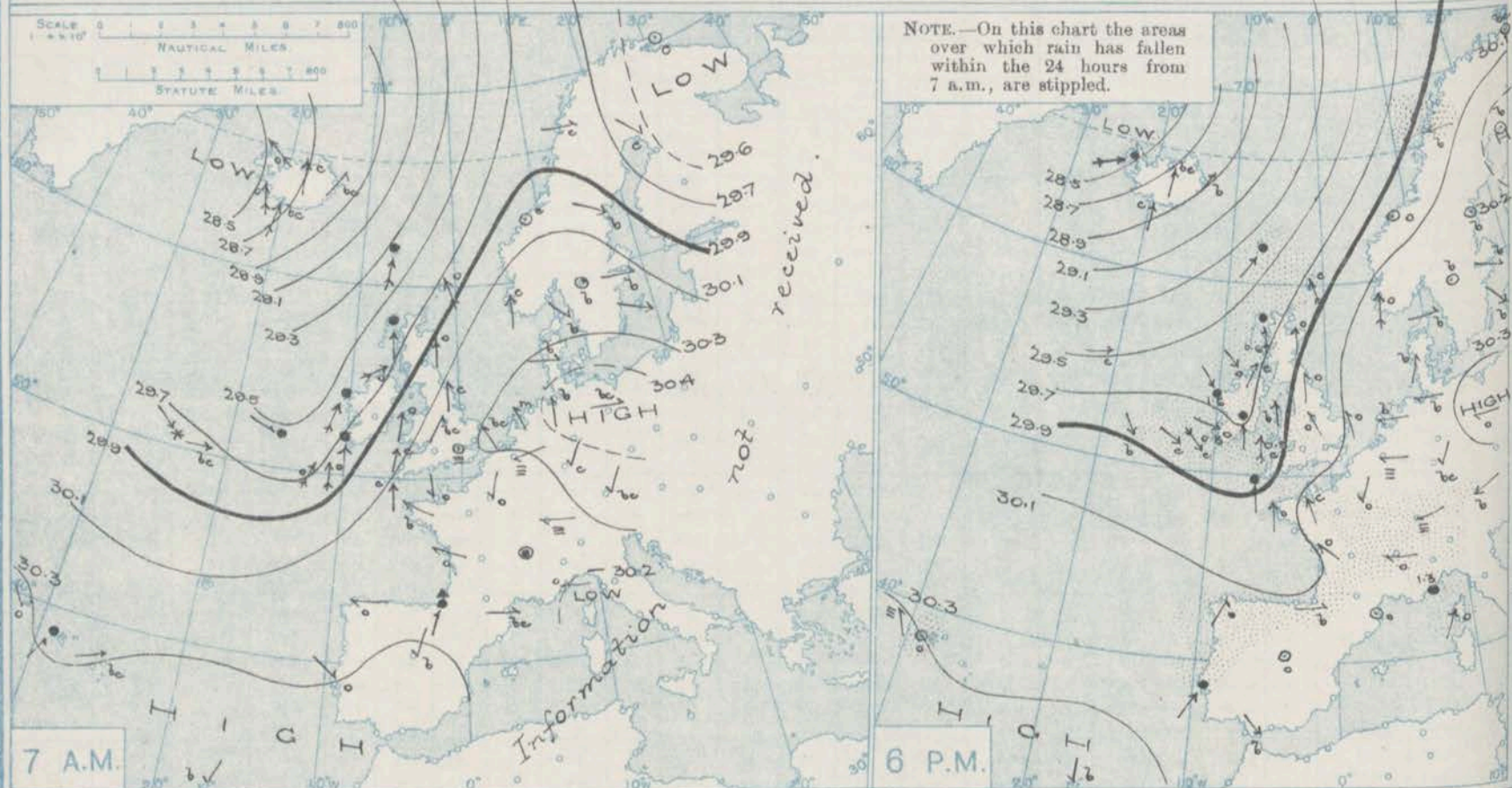
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STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.	
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.			
		At 32° F. and M.S.L. Lat. 45°.	Dry Bulb.	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).	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.													Hours.	
BRITISH ISLANDS.	Lerwick ...	29.72	49	SSE	8	cg.	29.71	-0.2	49	+1	SSE	8	og	7	0.01	49	47	ogp.	cg.	c.bq			
	Stornoway ...	29.63	49	S	8	org.	29.58	+0.1	41	-7	WSW	3	bc	3	0.17	50	40	odq.	org.	obcp	0.0		
	Castlebay (Barra Isd.)	29.62	50	SSE	7	+	29.61	0.0	47	-2	SW	4	bc	5	0.60	51	47	op.r.	+	r.o.bc	0.0		
	Glasgow ...	29.87	45	S	4	bc	29.79	+0.3	42	-5	SW	3	og	8	0.02	48	42	o.cq.	o.c	cbcp	0.5		
	Malin Head...	29.71	47	SW	6	c	29.71	+0.4	40	-3	SW	4	bc	3	0.20	48	39	omgr.	omgr.	bcn	0.0		
	Blacksod Point	29.62	44	NW	3	omr.	29.69	?	47	-5	WNW	3	omr	3	1.64	55	41	or	or.	omp			
	Valencia ...	29.75	45	WNW	6	og	29.86	-0.3	48	-3	SSW	4	op	5	0.83	52	42	omr	omr	c.op	0.0		
	Roche's Point	29.71	44	NW	4	o	29.95	*	44	-6	WSW	2	o	4	0.23	51	40	or	r.o	o.b.o.			
	Birr Castle ...	29.57	49	S	5	r	29.87	*	37	-12	S	1	c	8	0.14	49	35	c	b.or	or.c	0.0		
	Donaghadee	29.78	50	S	5	emg.	29.84	+0.2	39	-10	SW	3	bc	3	0.01	51	30	bcq	emg	op.b.			
SCANDINAVIA.	Liverpool Obsy.	29.96	43	SE	3	o	29.93	+0.2	41	+6	SSW	2	bp	2	0.12	45	35	b	b	bp	6.9		
	Holyhead ...	29.86	49	S	5	bmj	29.92	+0.1	44	-6	SW	2	by	2	0.03	50	43	c.begj	o.b.cem	op.c.bc	0.7		
	Pembroke (St. Ann's Hd.)	29.83	51	S	8	c	29.97	+0.2	47	-3	WSW	4	bc	4	0.50	52	45	cg	cg	cg.or	2.3		
	Newquay ...	29.89	48	SSE	4	c	30.02	+0.5	46	+4	W	3	c	4	0.13	50	42	bv	bv	c.op	6.3		
	Scilly (St. Mary's)	29.84	51	S	6	omr.	30.05	+0.3	46	-4	NW	4	bcp	5	0.27	52	43	cg	omr.	omr.cp	0.9		
	Jersey (St. Aubin)	30.08	47	SSE	4	cg	30.05	*	47	+1	SSW	3	ce	3	trace	54	43	c.og	cg.	bc.od.o.	0.7		
	Portland Bill	30.01	51	SSE	4	c	29.98	+0.4	46	-3	NW	3	c	3	trace	54	46	bc	c	b.bcp			
	Dungeness ...	30.09	48	ESE	3	o	30.02	0.0	46	-2	WNW	3	bc	3	-	51	45	bc	bc	ac.bc			
	Dover ...	30.09	45	SSE	1	of	30.01	*	46	+1	WSW	1	o	4	trace	48	43	bc.f	og.f.	of	0.0		
	Wick ...	29.73	50	S	6	c	29.62	-0.5	48	-1	S	5	emg	5	trace	51	45	cp	cp.c.	bc.emg			
GERMANY, &c.	Nairn ...	29.70	49	SSW	6	bc	29.63	*	47	-2	SW	2	og	2	trace	53	44	q.c	bc	q.b.c.	0.4		
	Aberdeen ...	29.89	45	S	4	b	29.75	-0.5	48	+1	SSE	5	og	4	-	49	45	cg.bc.	bc.b.	bc.og	0.6		
	Leith ...	29.89	46	W	1	b	29.77	-0.3	45	-2	S	2	o	*	-	49	40	c	bc.b.	bc.c.			
	North Shields	30.00	40	S	2	o	29.87	-0.2	46	+10	S	3	o	2	-	47	35	c.o.	o.	c.o.			
	Spurn Head ...	30.07	47	SSE	4	bc	29.97	-0.2	46	+7	S	3	o	4	-	47	37	b.cem	bc	c	6.2		
	Yarmouth ...	30.12	48	SSE	3	o	29.99	0.0	45	0	SW	1	bem	1	-	49	44	bc.	bc.o.	o.b.cem	6.7		
	Clacton-on-Sea	30.10	48	ESE	2	om	30.00	-0.1	49	+1	SSW	2	og	2	-	50	45	b.b.c.	c.om	ogm	4.6		
	Nottingham...	30.05	44	SSE	2	o	29.96	*	42	+11	SW	1	o	*	trace	47	31	bc.bm	bc.o.	od	3.5		
	Bath ...	30.02	49	S	2	o	30.01	*	43	+15	W	1	o	*	0.05	50	28	m.o.b.o	gm	gm	2.6		
	London (Kew Obsy.)	30.08	47	SE	1	o	30.01	+0.1	42	+8	SE	1	om	*	0.01	47	33	f.w.f.	f.o.	omr.	0.0		
IRELAND, FAEROE, &c.	Spitzbergen ...	29.77	14	S	2	c	29.19	-0.6	34	+13	S	7	r	*	-	34	10						
	Isafjord...	29.43	38	SW	8	r	28.68	-0.1	38	+2	SW	3	c	*	-	*	*						
	Reykjavik ...	29.73	37	SSE	5	e	28.76	+0.5	37	-1	-	0	c	*	-	*	*						
	Vestmanna ...	29.82	35	S	6	c	28.80	+0.1	38	-1	S	5	r	3	-	*	*						
	Seydisfjord	29.87	42	SW	4	b	29.02	-0.4	43	-3	S	5	c	*	-	*	*						
	Thorshavn ...	29.36	45	SW	6	r	29.45	-0.4	42	-7	S	4	o	*	-	*	*						
	Haparanda ...	30.29	16	-	0	b	30.29	0.0	12	-10	-	0	f	*	-	23	9						
	Hernösand ...	30.16	29	-	0	b	30.21	+0.1	25	-12	-	0	c	*	-	39	23						
	Stockholm ...	30.18	36	W	2	b	30.24	+0.3	32	-1	-	0	f	*	-	41	30						
	Wisby ...	30.23	43	NNW	4	b	30.24	+0.1	44	+3	N	2	c	*	-	45	41						
FRANCE.	Karlstad ...	30.20	37	-	0	b	30.20	0.0	34	+6	-	0	c	*	-	39	27						
	Vardö ...	30.07	33	-	0	bc	30.13	+0.14	29	-2	SW	6	o	3	-	34	29						
	Bodö ...	29.97	36	E	4	b	30.02	+0.1	40	-1	E	5	r	2	0.28	41	34						
	Christiansund	29.93	46	-	0	o	29.99	+0.1	39	-4	-	0	c	4	-	46	37						
	Skudesnaes ..	30.15	47	S	8	o	30.08	-0.2	46	-1	SSE	6	f	5	-	48	45						
	Færder (Xianla Fjord)	30.18	46	SW	3	b	30.16	0.0	44	+1	SW	3	c	2	-	46	41						
	The Scaw (Skagen)...	30.26	42	WSW	3	b	30.21	-0.1	41	-4	WSW	2	o	0	-	46	37						
	Blaavands Huk ...	30.29	44	SSW	2	b	30.19	-0.3	38	-8	SSE	2	b	2	-	46	34						
	Cuxhaven ...	30.26	40	E	2	b	30.15	-0.3	50	+16	SSE	2	f	0	-	45	30						
	Berlin ...	30.35	34	E	2	o	30.24	-0.2	31	-1	SE	3	o	*	-	43	30						
SPAIN, PORTUGAL, &c.	Frankfurt ...	30.16	43	NE	2	bc	30.04	-0.1	43	-1	NE	1	o	*	-	52	41						
	Munich ...	30.12	39	ESE	4	b	30.04	-0.1	40	+7	W	1	f	*	trace	45	34						
	The Helder ...	30.19	42	E	2	b	30.04	-0.3	40	+7	E	1	mv	0	-	46	28						
	Brussels ...	30.11	42	E	1	f	30.04	-0.1	41	+2	-	0	f	*	-	45	37						
	C. Gris Nez...	30.10	42	SE	2	f	30.01	-0.1	49	+8	WSW	4	o	3	trace	49	41						
	La Hève ...	30.13	46	ESE	3	mv	30.06	*	34	-5	SW	3	c	2	-	50	37						
	Ushant...	29.92	53	S	5	o	30.07	*	50	+2	NNE	3	bc	3	0.04	54	43						
	Brest (St. Mathieu)	30.00	42	S	5	o	30.10	+0.6	50	+5	NW	3	o	3	-	54	48						
	Lorient (Bec Melen)...	?	48	SE	4	o	?	*	48	+4	NW	2	o	5	-	57	43						
	Roche fort (Ile d'Atx)	30.10	43	SE	3	o	30.09	+0.4	39	-6	ESE	3	ba	*	-	52	39						
PORTUGAL, &c.	Biarritz ...	3																					

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 23rd NOVEMBER.



GENERAL INFERENCE

WEATHER PROSPECTS.

Another secondary depression is approaching the south of Ireland, so that a

changeable type of conditions is likely to be maintained.

FORECASTS FOR THE 24 HOURS NOON MONDAY

TO NOON TUESDAY.

- 0 { S. and S.W. winds, fresh or strong at times; changeable, some rain and mist; moderate temperature.
- 1 {

- 2 { Light breezes between S. and S.W., freshening later; changeable,
- 3 {

- 4 { fine to dull, some rain and mist; moderate temperature.
- 5 {

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

Cones hoisted at 8.30 a.m. yesterday.

- 6 { Same as Nos. 0 & 1.
- 7 {

- 8 { Same as Nos. 2 to 5.
- 9 {

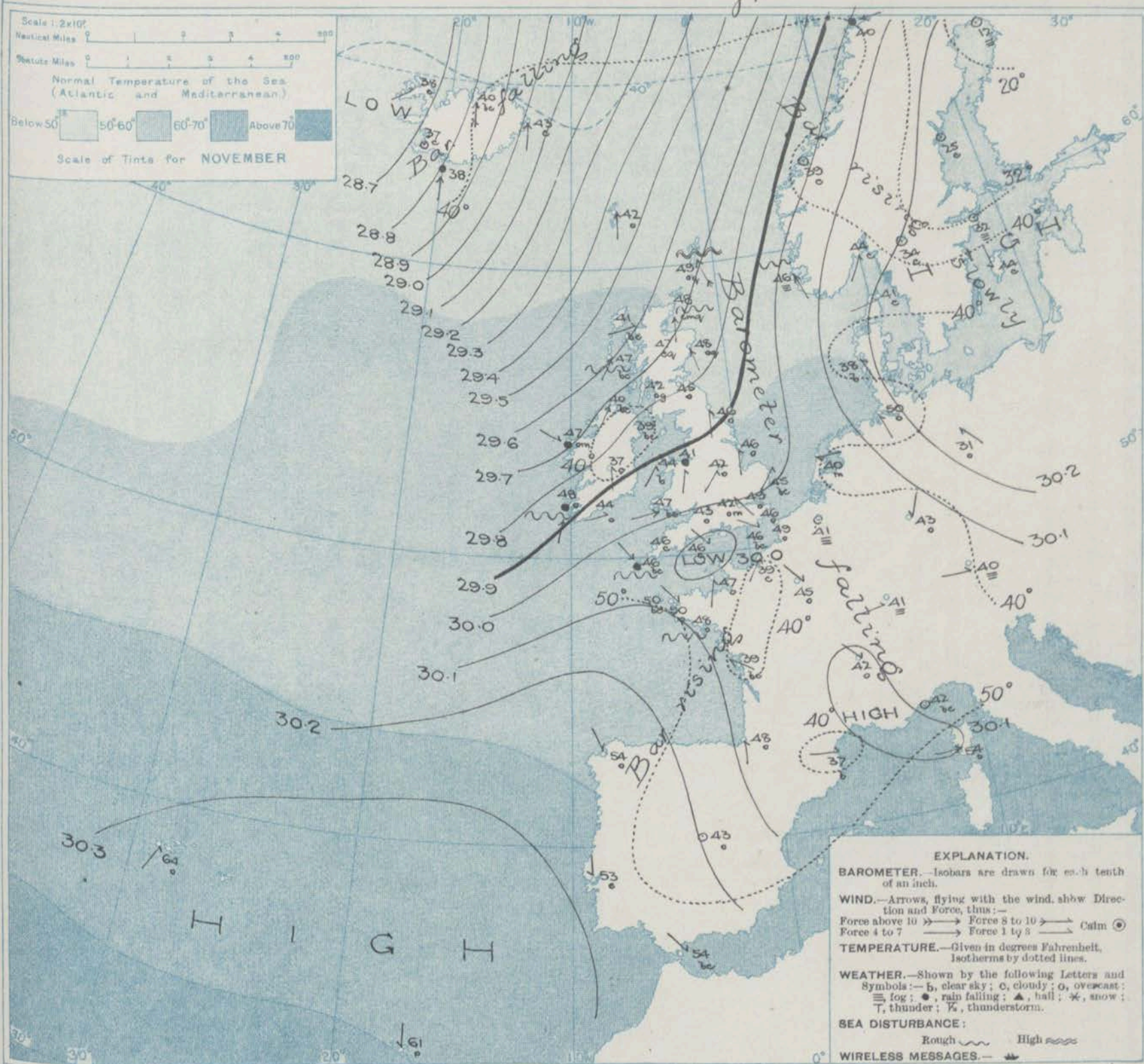
- 10 { Same as Nos. 0 & 1.
- 11 {

11 WESTERN CHANNEL AND BAY.

S. and S.W. winds, freshening; sea slight or moderate; changeable, some showers; moderate temperature.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Monday, 24th NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.3 in. at the Azores, above 30.2 in. over Prussia and Sweden. In a deep depression between Iceland and Greenland pressure is below 28.7 in. The barometer is again falling on the Kerry coast. The gradient is considerable over the northern regions, very slight over England and the Continent.

Calms are very light variable breezes prevail over the Continent and the greater part of England, S.W. and S.E. winds elsewhere, varying greatly in force,

from a light breeze in some localities to a gale in Shetland and the north of Iceland. The temperature changes have been large and irregular. At the home stations the readings range from 37° at Birn Castle to 49° at Lerwick; on the Continent from 12° at Haparanda to 54° at Gibraltar; and in Iceland from 38° to 43°. A high S.W. wind has raised the temperature at Spitzbergen to 34°. Fair to dull weather prevails at home and abroad, with fog at several foreign stations. Slight showers are falling at a few western stations and at Bodø.

DAILY WEATHER REPORT.

Monday, 24th November, 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.	
23 m. 6 p.m.	54	20	<i>Comerona</i>	H	29.44	-12	WSW	6-7	c	23 m. 1 p.m.	51	13	<i>Lake Manitoba</i>	O	29.58	+13	NW	8-9	c
"	51	17	<i>Mauretania</i>	H	29.91	+04	NNW	4-5	c	"	54	25	<i>Comerona</i>	H	29.23	+07	S	1-3	c
"	51	13	<i>Lusitania</i>	O	29.80	+12	WNW	6-7	c	"	50	24	<i>Mauretania</i>	O	29.74	+05	WNW	4-5	c
"	51	11	<i>Saxonia</i>	O	29.86	+11	NW	6-7	bc	"	50	22	<i>Harford</i>	O	29.73	+15	W	6-7	bc
"	51	11	<i>Megantic</i>	O	29.77	+18	NW	8-9	c	"	51	15	<i>Saxonia</i>	H	29.56	+07	WNW	4-5	c
"	49	11	<i>Minneapolis</i>	O	29.91	+16	WNW	6-7	c	"	50	12	<i>Andania</i>	H	29.60	-06	SW	8-9	c
"	55	9	<i>Hesperian</i>	O	29.63	-02	NW	8-9	c	"	50	11	<i>Monessa</i>	H	29.71	-02	S	8-9	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	In.	F. °	F. °			Hr.	England, S.E.	{ Margate	In.	F. °	F. °			Hr.
	{ St. Andrews				*	*			{ Ramsgate		48	43	b.c.o	ogy	0.2
Eng. N.E.	{ Harrogate	-	42	31	b.c.b.	b.c.o.	3.6		{ Folkestone	-	49	42	"	"	0.4
	{ Scarborough	"	45	35	c.b.	c.b.	5.6		{ Hythe	-	46	44	o	o	0.0
Eng. N.W.	{ Blackpool								{ Littlestone		"	"	"	"	0.0
	{ Southport	-	44	35	b.b.c.	b.c.b.	5.5		{ Hastings	-	49	39	o	ogy	0.0
Mid- lands.	{ Buxton	-	42	29	b	bc	4.0		{ Bexhill-on-Sea	-	50	41	o	o	0.0
	{ Leamington Spa	-	47	25	c.b.	c.b.	4.3		{ Eastbourne	0.01	49	36	o	o	0.0
	{ Malvern	-	45	34	bz.b.	bz	4.4		{ Seaford						
Wales.	{ Rhyl	-	48	35	bc	c.bc	6.1		{ Brighton	-	50	36	m.b.c.o.	om.o	0.3
	{ Colwyn Bay	-	50	39	bc	c	5.4	{ Worthing	-	52	38	o.c.	c	0.3	
	{ Llandudno	-	51	39	b	b	6.5	{ Littlehampton	-	"	"	"	"	1.7	
	{ Bettws-y-Coed							{ Southsea	-	52	33	b.b.c.	b.c.o.	1.5	
	{ Aberystwyth	-	50	39	b.c.b.	b.o	6.2	{ Ryde	-	53	?	"	"	3.0	
England, E.	{ Lowestoft	-	51	36	b	b.c.o.	6.4	{ Ventnor	-	54	39	"	"	4.8	
	{ Felixstowe	-	50	36	bm	b.c.m.o.	6.2	{ Bournemouth	-	54	29	x.c.b.c.b.	b.c.o.	4.3	
	{ Walton-on-Naze	-	49	36	bc	b.c.m.f.	5.5	{ Weymouth	-	53	33	bz	bc.	1.8	
	{ Southend-on-Sea	-	48	35	m.b.c.	b.b.c.o.	3.0	{ Exmouth	-	53	30	c.b.c.	bc.	2.0	
								{ Teignmouth	-	53	33	b	bc.	3.0	
							{ Torquay	-	53	33	b	bc.	4.2		
							{ Paignton	-	53	29	b.b.c.	bc.	6.1		
							{ Falmouth	-	51	40	bw	bc.	4.3		
							{ Bude	-	51	39	b	b.o.	0.5		
							{ Ilfracombe	-							
							{ Weston-super-Mare	-	50	34	om.b.c.	b.b.c.			

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.			Rainfall.	WEATHER.		
	p.m. Yesterday.	a.m. To-day.		Max.	Min.	Min. on Grass.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obs.) ...	96	84	0.3	46	33	27	-	f	o	o-b
City (Bunhill Row) ...			0.0							
Westminster (St. James's Pk.) ...	94	82	0.0	48	40	35		f	f-m	m
Camden Sq. (Brit. Rainfall) ...	98	80	0.0	47	35	35		om-f	f	om
Hampstead (Reservoir) ...		81	1.0	46	35	28		of	of	cf-obcf
Richmond Park ...			0.0							
Kew. (See front page.)			0.0							
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
S. Kensington (Roof of M.O.)				Total.		Average Rate.		Max. Rate.		
				86.1 Joules.		2.9 Milli-watts.		10.9 Milli-watts.		

Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
		Max.	Min.	Night.	Forenoon.	Afternoon.	
Dublin to 4 p.m.	In.	F.	F.	F.			
Plymouth to 9 p.m.		52	44	43	bc-q	c	c-b
Darwen "							
Manchester "							
Birmingham "	0.01	45	31	22		c	bc
Oxford to 8 p.m.		47	25	21	cf-f	fe-om	om
S. Kensington (Museum Grounds to 6 p.m.)	Trace	47	35	21	bz-f	f-m	m-o

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

24th & 25th Nov., 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.31	11.40	3.48
	7.33	11.40	3.47
Greenwich ...	7.34	11.47	3.59
	7.36	11.47	3.58
Wick ...	8.22	11.59	3.35
	8.24	11.59	3.33
Valencia ...	8.17	12.38	4.38
	8.19	12.39	4.37

Temperature succeeded 50° in many parts of the British Isles, and touched 55° on the coast of Mayo. Rain has fallen heavily in the west of Ireland, 0.8 in. at Valencia, and 1.6 in. at Blackhead Point. Many stations had no bright sunshine, others had good records, more than 6 hours in places. A southerly gale to a strong gale was felt on the western and northern coasts. As far west as the 26th meridian ships experienced southerly to westerly and north-westerly winds, moderate to strong or a gale, with variable weather, some rain and snow.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

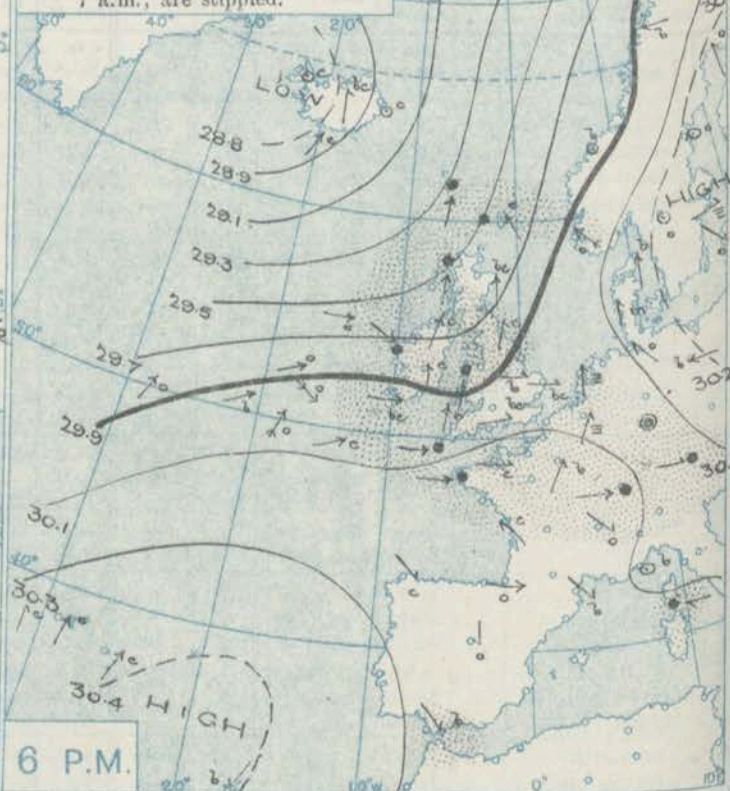
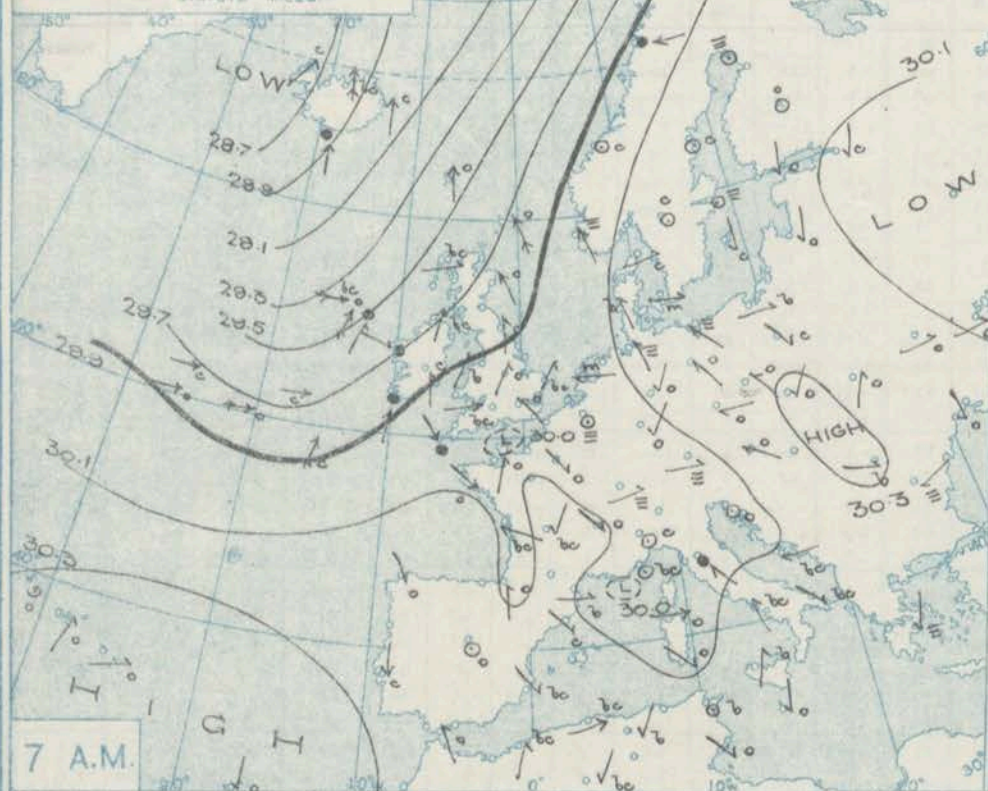
Tuesday,
25th November, 1913.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for yester- day.
	BAROM.		WIND.		Weather	BAROMETER.		TEMP.		WIND.		Weather.	Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.				
	At 32° F. and M.S.L. Lat. 46°	Dry Bulb.	Dir.	Force (0 to 12).		At 32° F. and M.S.L. Lat. 46°	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.		
																					Hours.
BRITISH ISLANDS.	Lerwick ...	29.59	47	SSE	5	cq	29.65	+0.2	46	-3	SSE	4	bc	4	0.05	50	44	cq	cq	cq	0.2
	Stornoway ...	29.45	47	SSW	7	odpq	29.57	-0.9	47	+6	SW	7	odpq	6	0.05	47	41	c-oq	odpq	c-odpq	0.0
	Castlebay (Barra Isd.)	29.51	47	NNW	5	cp	29.62	-0.4	50	+3	SSW	5	r	6	0.13	50	44	bc.op	oph.cp	cp.7.or	0.0
	Glasgow ...	29.65	46	SSW	3	ogm	29.71	+0.2	43	+1	SW	2	og	5	0.19	46	40	opd.c.b	opd.c.b	op.b.o	2.7
	Malin Head...	29.61	44	SW	6	c	29.72	-0.5	45	+5	SW	6	og	5	0.19	47	38	cmg	cmg	cmg	0.0
	Blacksod Point ...	29.75	47	NNW	6	cpq	29.86	+0.3	53	+6	W	6	om	4	0.46	53	43	cpq	cpq	cpq	0.0
	Valencia ...	29.94	48	W	4	bc	30.07	+0.2	53	+5	SW	4	og	4	0.39	54	47	or.p	p	or.p	0.0
	Roche's Point ...	29.94	48	W	3	bc	30.09	+	52	+8	W	2	o	3	0.06	52	44	op	op	op	0.0
	Birr Castle ...	29.86	42	S	1	c	29.99	+	39	+2	SSW	2	r	3	0.13	49	36	c.or	or.c	c.or	0.2
	Donaghadee ...	29.69	44	SW	3	b	29.93	0.0	44	+5	SW	2	omv	3	0.08	48	38	bc	cpq	bc.omv	0.0
	Liverpool Obsy. ...	29.85	46	SSE	3	c	30.09	+0.4	42	+1	SSW	3	b	3	0.09	47	40	bc	cp	bc	1.4
	Holyhead ...	29.84	48	SSW	3	ompg	30.09	+0.3	50	+6	SW	3	odm	4	0.05	51	43	bc.cq	a.cp.c	bc.c.o	1.0
	Pembroke (St. Ann's Hd.)	29.90	50	SSW	6	o	30.12	+0.3	52	+5	SW	5	og	4	0.14	53	47	bc	cp	ogp	1.2
	Newquay ...	30.03	49	SW	3	or	30.20	+0.5	51	+5	W	1	om	4	0.07	52	46	bc.c	or.or	or.om	2.2
	SCANDINAVIA.	Scilly (St. Mary's) ...	30.02	52	W	5	cpq	30.19	+0.4	52	+6	W	3	om	5	0.10	52	43	c	cpq	cpq	1.2
Jersey (St. Aubin) ...		30.16	50	W	3	c	30.25	+	52	+5	W	3	b	3	0.01	53	46	o.c.o	o.bc	c.op.b	0.6
Portland Bill ...		30.09	52	WSW	5	bc	30.20	+0.5	51	+5	WNW	3	b	4	0.07	54	44	c.bc	bc	bc.or	0.0
Dungeness ...		30.08	42	W	2	b	30.18	+0.3	42	-4	WNW	2	bc	3	0.07	53	41	bc	bc	bc.c	0.0
Dover ...		30.05	41	SW	1	b	30.18	+	43	-3	NW	3	bw	2	0.04	51	40	c.o.b	cpom.b	bcw	4.7
Wick ...		29.55	46	S	5	c	29.71	-0.1	45	-3	SSW	5	cpq	4	-	48	38	c.bcq	bcq	bc.cq	0.0
Nairn ...		29.57	44	SSW	3	c	29.73	+	44	-3	-	0	or	1	-	47	39	bc	cpq	c.o	3.8
Aberdeen ...		29.68	46	S	5	bc	29.87	+0.1	40	-8	SSW	3	b	3	-	48	36	c.b	bcq	bcq	1.6
Leith ...		29.68	46	SSE	3	r	29.89	+0.2	46	+1	SW	2	o	3	0.04	48	43	c.bc.b	bc.c	op.c	0.0
North Shields ...		29.86	44	SSW	2	c	30.02	+0.4	39	-7	SSW	1	o	2	0.05	48	29	or	or	o.c	0.0
Spurn Head ...		29.95	43	SW	2	bc	30.08	+0.5	42	-4	W	3	bc	2	0.01	47	40	c	bc	bc	1.0
Yarmouth ...		30.03	45	W	2	bc	30.11	+0.2	39	-6	W	2	bm	2	-	50	39	bc	bc	bm	2.2
Clacton-on-Sea ...		30.05	43	SSW	1	bm	30.15	+0.7	41	-8	W	2	bc	2	-	51	40	og.bc.c	c.om.b	bc.b.c	2.9
Nottingham ...		29.98	42	W	2	b	30.14	+	37	-5	W	2	b	3	0.02	48	36	o.c.b	bm	bc.op	4.6
Bath ...		30.05	45	SW	3	bc	30.20	+	45	+2	SW	3	bc	3	-	50	37	o.c.b	bc	bc.c	4.6
London (Kew Obsy.) ...	30.07	43	WSW	2	bc	30.19	+0.3	40	-2	SW	1	bm	3	-	48	39	o.c.b	bc	bc.c	2.4	
GERMANY, &c.	Spitzbergen ...	29.35	35	SSE	5	r	29.34	-0.2	36	+2	SSE	3	c	3	-	36	-	-	-	-	-
	Isafjord ...	28.79	34	-	0	c	28.61	-0.6	33	-5	-	0	c	3	-	33	-	-	-	-	-
	Reykjavik ...	28.83	35	S	4	c	28.47	-1.8	33	-4	E	5	o	3	-	33	-	-	-	-	-
	Vestmanna ...	28.80	37	SW	5	c	28.32	-3.5	35	-3	E	9	r	3	-	35	-	-	-	-	-
	Seydisfjord ...	28.91	39	-	0	c	28.78	-0.8	36	-7	-	0	c	3	-	36	-	-	-	-	-
	Thorshavn ...	29.30	45	SSW	6	r	29.24	-1.1	43	+1	S	5	r	3	-	43	-	-	-	-	-
	Haparanda ...	30.25	30	S	2	o	30.19	-0.1	33	+21	SSW	2	f	3	-	34	12	-	-	-	-
	Hernösand ...	30.23	39	-	0	o	30.19	0.0	37	+12	SSW	6	f	3	-	41	23	-	-	-	-
	Stockholm ...	30.29	35	WSW	2	f	30.32	+0.1	37	+5	NE	2	f	3	-	37	32	-	-	-	-
	Wisby ...	30.28	42	NW	2	o	30.32	+0.4	42	-2	S	2	o	3	-	46	41	-	-	-	-
	Karlstad ...	30.23	40	-	0	o	30.27	0.0	39	+5	-	0	o	3	-	43	32	-	-	-	-
	Vardö ...	29.99	30	SSW	6	o	29.91	-0.2	31	+2	SW	6	bc	3	-	31	27	-	-	-	-
	Bodö ...	29.94	40	E	4	b	29.83	-0.1	37	-3	E	4	b	2	-	41	36	-	-	-	-
	Christiansund ...	29.86	40	-	0	b	29.82	+0.1	45	+6	NE	1	c	4	-	45	37	-	-	-	-
	Skudenes ...	30.00	45	SE	8	o	29.97	0.0	44	-2	SSE	9	r	7	0.04	45	45	-	-	-	-
FRANCE.	Færder (X'ania Fjord) ...	30.18	44	S	4	bc	30.19	0.0	41	-3	SE	5	o	3	-	45	41	-	-	-	-
	The Scaw (Skagen) ...	30.17	44	S	5	b	30.19	0.0	44	+3	S	6	o	1	-	45	41	-	-	-	-
	Blaavands Huk ...	30.12	37	S	3	m	30.14	+0.1	37	-1	SSE	2	m	1	-	41	32	-	-	-	-
	Cuxhaven ...	30.10	33	SE	3	o	30.13	+0.4	35	?	S	2	m	0	-	36	32	-	-	-	-
	Berlin ...	30.19	34	E	4	b	30.24	+0.4	31	0	SE	1	o	3	-	?	?	-	-	-	-
	Frankfurt ...	30.08	45	-	0	r	30.27	+0.6	39	-1	SW	4	o	3	-	41	37	-	-	-	-
	Munich ...	30.09	39	W	1	r	30.11	+0.4	41	+1	E	1	r	0	-	46	39	-	-	-	-
	The Helder ...	30.04	39	S	7	f	30.20	+0.4	41	0	SSE	2	o	3	-	44	37	-	-	-	-
	Brussels ...	30.09	41	SW	1	f	30.20	+0.4	41	0	SSE	2	o	3	-	44	37	-	-	-	-
	C. Gris Nez ...	30.06	48	W	5	b	30.18	+0.4	49	0	WNW	5	bc	4	0.16	52	46	-	-	-	-
	La Hève ...	30.12	47	SW	4	o	30.19	+	47	+8	WSW	4	o	5	-	48	45	-	-	-	-
	Ushant ...	30.19	54	W	5	r	30.27	+	55	+5	WNW	2	o	5	0.04	55	50	-	-	-	-
	Brest (St. Mathieu) ...	30.21	52	WSW	3	o	30.29	+0.4	54	+4	NNW	3	c	3	0.08	55	50	-	-	-	-
	Lorient (Bec Melen) ...	30.24	45	SE	2	c	30.35	0.0	52	+13	SW	3	r	3	0.32	52	39	-	-	-	-
	Rochefort (Ile d' Aix) ...	30.24	45	SE	2	c	30.35	0.0	52	+13	SW	3	r	3	0.32	52	39	-	-	-	-
SPAIN, PORTUGAL, &c.	Biarritz ...	30.24	45	SE	2	c	30.35	0.0	52	+13	SW	3	r	3	0.32	52	39	-	-	-	-
	Paris ...	30.16	44	SW	2	o	30.28	+0.3	41	-4	S	2	r	3	-	494					

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 24TH NOVEMBER.



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



GENERAL INFERENCE

A very deep cyclone centred near Iceland will influence the conditions over our northern and western districts during the ensuing 24 hours, while

WEATHER PROSPECTS.

the southern districts will be affected mainly by a Continental anticyclone.

FORECASTS FOR THE 24 HOURS NOON TUESDAY

TO NOON WEDNESDAY.

- 0 {
a S. to W. winds, generally fresh
b to high, a gale at times; squally,
changeable, some rain and hail;
1 moderate temperature.

- 2 {
a Light variable W. breezes, freshening
b
3 later; fair to fine, some mist or

- 4 {
a fog, showers later; moderate
b
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

Cones hoisted at 1:52 p.m. yesterday.

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

- 7 {
a SW. to W. winds, fresh or strong
b at times; squally, changeable, some
rain; moderate temperature.

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

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

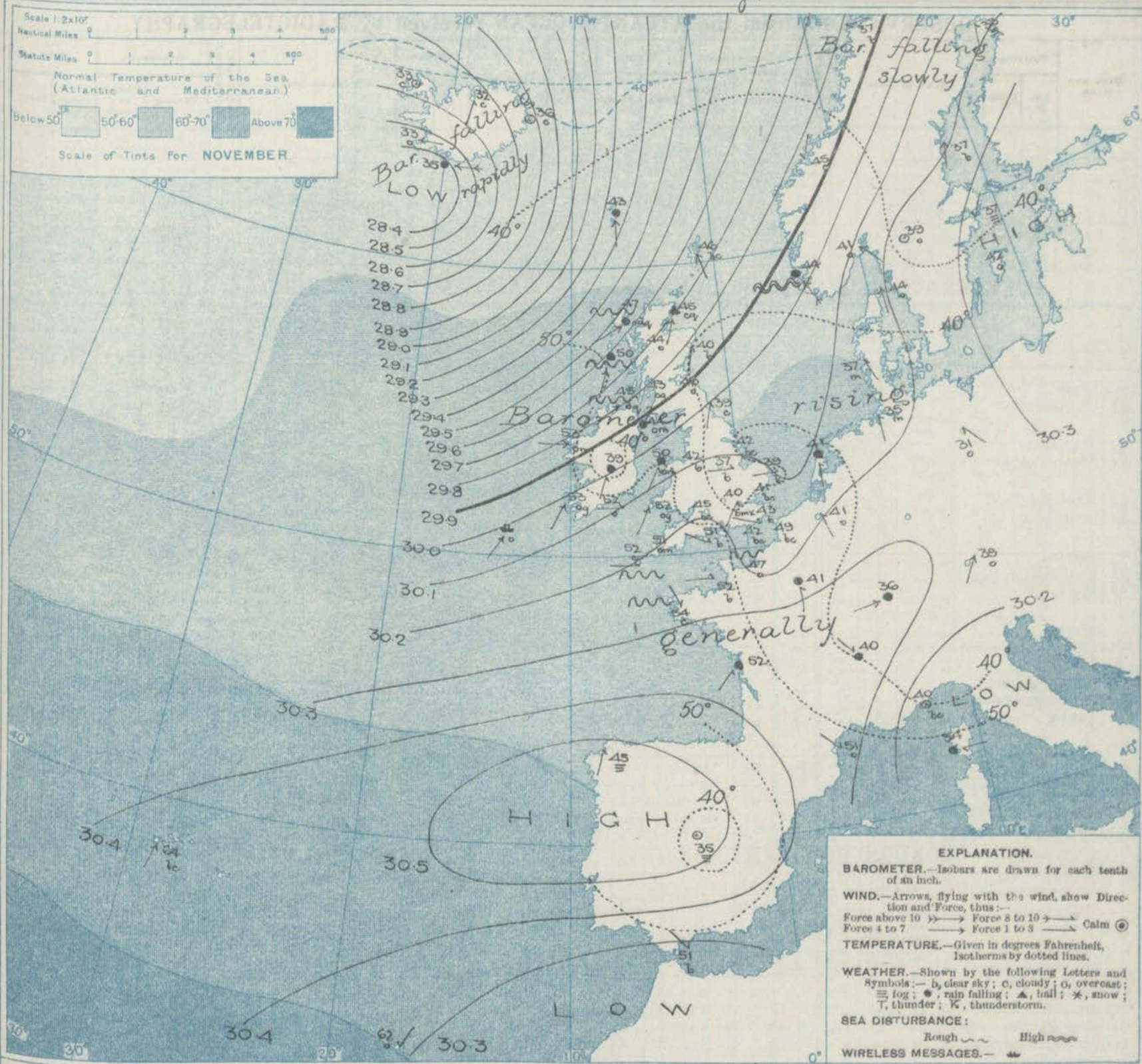
- 10 {
a Same as No. 7.
b

11 WESTERN CHANNEL AND BAY.

Light to moderate W. breezes, freshening later; sea smooth to moderate; fine to dull, some mist or fog, local showers; moderate temperature.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Tuesday, 25th NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The British Isles are now situated between a very deep cyclonic system centred over the upper Atlantic and a very extensive anticyclone which embraces the Continental countries and the lower Atlantic. The barometer is up to nearly $30\frac{1}{2}$ in. at the Azores, and above 30.3 in. in the Baltic region, while off the south of Iceland it is down to 28.3 in. The gradient is very steep between Scotland and Iceland, very slight within the anticyclone.

E.⁶ fresh winds to a strong gale are reported over Southern Iceland, S.⁶ to W.⁶ winds in nearly

all other parts of our area, mostly very light to moderate in force, but fresh to strong or high at some of our western and northern stations, a strong gale in the south of Norway. At the home stations temperature ranges from 37° at Nottingham to 53° at Blacksod Point and Valencia; on the Continent from 31° at Berlin and Vardo to 54° at Brest; and in Iceland from 32° to 36° . At Spitzbergen the reading is 36° . The weather varies greatly at home and abroad, fine in many places, dull to misty or foggy in others, and rain is falling at a number of our western & northern stations, in the Iceland region, and in many parts of France, Holland and South Norway.

DAILY WEATHER REPORT.

Tuesday, 25th November, 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.	
24th, 6 p.m.	50	27	Lusitania	0	29.77	-0.1	SW	6-7	0	24th, 7 a.m.	50	27	Haverford	0	29.84	+0.7	W	6-7	0
" "	51	21	Victorian	H	29.93	+0.9	WSW	6-7	0	" "	51	26	Victorian	H	29.83	+0.3	W	6-7	0
" "	50	18	Minneapolis	0	29.03	-0.3	SW	8-9	0	" "	49	15	Minneapolis	0	29.86	-0.6	SW	8-9	0
" "	51	16	Megantic	0	29.72	-0.5	WNW	8-9	0	" "	55	14	Hesperian	0	29.37	-0.23	W	8-9	0
" "	55	14	Hamidian	0	29.59	+0.29	W	6-7	0	" "	55	13	Lusitania	H	29.30	-0.24	SW	8-9	0
" "	49	14	Island	0	30.01	+0.4	WSW	4-5	0	" "	55	12	Hamidian	0	29.29	-0.15	SW	6-7	0
" "	49	13	Megantic	0	29.98	0.0	W	6-7	0	" "	50	20	Lusitania	0	29.71	+0.6	WSW	8-9	0
" "	52	18	Megantic	0	29.85	0.0	WSW	6-7	0	" "	51	17	Lusitania	0	29.58	+0.6	W	6-7	0

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scot. land { Oban ...	In. 0.16	F. 48	F. 43	bc, r.	0	0.9	Margate ...	In. -	F. 52	F. 44	b	bc, c.	3.6
{ St. Andrews ...	-	47	36	"	"	3.2	Ramsgate ...	-	52	43	"	"	4.5
Eng. N.W. { Harrogate ...	0.05	45	40	bc, b.	bc, b.	2.9	Folkestone ...	-	54	43	b, o	o, b.	4.2
{ Scarborough ...	"	48	35	c, b.	c, b.	3.5	Hythe ...	-	-	-	-	-	-
Eng. N.W. { Blackpool ...	0.17	47	44	of, c.	o, or	0.3	Littlestone ...	-	-	-	-	-	3.2
{ Southport ...	0.13	46	37	b, bc, c.	c, o	0.5	Hastings ...	0.08	53	42	o, bc.	op, bc, b.	2.4
Mid- lands, { Buxton ...	0.07	43	37	bc, r.	bc	3.4	Bexhill-on-Sea ...	0.06	52	43	bc	r, bc.	3.0
{ Leamington Spa ...	0.01	49	36	c	c	4.5	Eastbourne ...	0.12	53	43	b, bc.	op, bc.	3.5
{ Malvern ...	-	47	40	b, bc.	bc	3.4	Seaford ...	0.02	52	44	b, r	o, c.	2.2
Wales, { Rhyl ...	-	48	39	c, o	c, bc.	1.0	Brighton ...	0.01	52	47	c, op.	o, c.	2.2
{ Colwyn Bay ...	0.07	49	41	b, bc.	bc, p.	1.8	Worthing ...	-	51	47	c, bc.	bc.	2.5
{ Llandudno ...	0.05	51	41	c	c	2.2	Littlehampton ...	-	-	-	-	-	3.0
{ Bettws-y-Coed ...	0.10	50	35	"	"	0.0	Southsea ...	0.02	50	46	mr, bc.	b, o.	3.6
{ Aberystwyth ...	0.32	50	42	r, o, c.	bc, o	2.0	Ryde ...	0.01	50	45	bc	bc	3.0
{ Tenby ...	0.03	50	41	o	or, o.	0.6	Ventnor ...	0.02	54	41	"	"	3.8
England, E. { Lowestoft ...	-	51	43	om, c.	c, od.	1.5	Bournemouth ...	0.05	50	43	b, bc.	b, bc, c.	3.9
{ Felixstowe ...	-	51	44	c, bc, m.	bc, m, b.	3.7	Weymouth ...	0.04	50	43	bc, ge	b, bc.	4.6
{ Walton-on-Naze ...	-	50	41	bc, m, m.	bc, m, m.	2.6	Exmouth ...	0.08	52	31	b	b	3.6
{ Southend-on-Sea ...	0.01	52	42	bc, b.	p, bc, b.	3.0	Teignmouth ...	0.03	52	40	bc	bc	3.5
							Torquay ...	0.03	51	39	bc	b	3.2
							Paignton ...	0.05	52	34	b	bc, c.	3.4
							Falmouth ...	0.22	50	40	bc	c, op, r.	2.8
							Bude ...	0.23	52	46	b	"	2.6
							Ilfracombe ...	0.27	51	41	bc	bc, c.	2.8
							Weston-super-Mare ...	0.15	50	38	o, bc, b.	b, bc.	2.8

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		Sun- shine for Yesterday.	TEMPERATURE.				Rain- fall.	WEATHER.			STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yesterday.
	3 p.m. Yester- day.	9 a.m. To- day.		In Screen.		Min. on Grass.	Rain- fall.		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.													
Greenwich (Royal Obey.) ...	%	%	Hr.	F.	F.	F.	In.													Hr.
City (Bunhill Row) ...	84	92	1.9	50	38	27	0.02	bc	bc, r, bc	bc.	Dublin to 4 p.m.	In.	F.	F.	F.					
Westminster (St. James's Pl.)	85	100	0.5	50	38	32	-	bc	bc	me.	Plymouth to 9 p.m.	0.06	51	40	38	c, op, q	bc, o	q, op		3.0
Camden Sq. (Brit. Rainfall)	82	100	0.8	49	38	32	-	o, c.	bc, m	b, m.	Darwen	0.22	44	38	35	bc, or	bc	bc, or		0.8
Hampstead (Reservoir) ...	*	99	1.8	47	39	22	-	c, bc	c, bc	of.	Manchester	0.20	47	42	*	o, t, c.	bc	bc, or		1.8
Richmond Park	*	*	2.5								Birmingham	0.02	46	38	35	c, r.	c, b.	b, c.		3.9
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																
				Total.			Average Rate.		Max. Rate.											
				183 Joules.			6.0 Milliwatts.		29.0 Milliwatts.											
S. Kensington (Roof of M.O.)	75	90	0.7								S. Kensington (Museum Grounds to 6 p.m.)	trace	49	44	30	o, bc, o	o, bc, q	b, ge, o		*

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.

25th Nov. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.33 7.34	G.M.T. 11.40 11.40	G.M.T. 3.47 3.46
Greenwich ...	7.36 7.37	11.47 11.47	3.58 3.57
Wick ...	8.24 8.27	11.59 11.59	3.33 3.31
Valencia ...	8.19 8.20	12.28 12.28	4.37 4.36

Temperature rose to 50° and upwards at most of the home stations. Rain fell in many localities, but no large amount was measured. As a rule there were good bright sunshine records, between 4 and 5 hours at some stations. A Southerly gale to a strong gale was felt round the north of Scotland. As far west as the 30th meridian ships experienced South-Westerly to Westerly winds, strong to a gale, with changeable weather, some rain.

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

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,
25th November 1913.

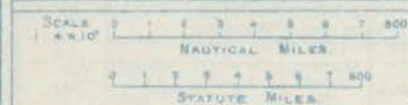
1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Weather	BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.				
		At 32° 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 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.	
		In.	F.				In.	In.	F.					In.	F.	F.				Hours		
BRITISH ISLANDS.	Lerwick ...	29.30	50	SSW	9	org	29.38	00	43	-3	SSW	7	org	6	0.70	52	37	ca. wa.	org	ephlg	0.0	
	Stornoway ...	29.43	49	SW	8	org	29.49	+0.07	41	-6	NW	7	bcq	6	0.41	54	39	ada	ada	ephlg	0.0	
	Castlebay (Barra Isd.)	29.86	52	SW	6	op	29.86	+0.06	43	-7	W	7	bcq	6	0.09	53	39	r. op	op	o. bcq	0.0	
	Glasgow ...	29.80	51	SW	6	ca	29.84	+0.06	42	-1	WSW	4	ca	6	0.17	51	40	ada. o	o	o. bcq	0.0	
	Malin Head...	29.72	51	SW	6	o	29.77	+0.02	47	+2	W	6	c	6	0.05	53	43	org	ompag	ca	*	
	Blackrod Point ...	29.86	53	WSW	6	org	29.17	+0.08	47	-6	WNW	5	cmq	4	0.01	54	45	org	org	org	*	
	Valencia ...	30.15	53	SW	3	o	30.29	+0.08	48	-5	NW	2	b	4	0.11	54	48	oc	com	md. bc.	0.1	
	Roche's Point ...	30.17	51	WSW	3	c	30.28	*	48	-4	N	2	b	2	0.03	55	48	b. bc. c	ca	b. op. b.	*	
	Birr Castle ...	30.04	52	SW	4	c	30.22	*	44	+5	SW	1	c	*	0.04	56	42	od. c.	c	c	0.4	
	Donaghadee ...	29.91	52	SW	3	ca	30.07	+0.08	45	+1	S	3	bc	4	0.05	55	45	om. bc	ca	omp. bc.	*	
Liverpool Obsy. ...	30.11	50	WSW	3	o	30.13	+0.07	49	+7	W	5	bcq	4	0.01	54	42	ca	oc	op	0.0		
Holyhead ...	30.11	53	SW	3	cmq	30.20	+0.07	49	-1	W	4	bcq	4	0.03	54	49	ro. cpm	cp. o. bc	o. b. bc	1.0		
Pembroke (St. Ann's Hd.)	30.14	53	SW	4	c	30.21	+0.03	53	+1	WSW	4	orgp	4	0.06	55	52	og	ogp	ogp	0.0		
Newquay ...	30.21	53	WSW	3	om	30.30	+0.02	53	+2	SW	3	ofe	4	0.05	53	51	cm	opm	b. d. bc.	0.0		
Scilly (St. Mary's) ...	30.30	53	W	5	org	30.30	+0.01	53	+1	W	4	omd	5	0.03	54	50	org	om	bc. om.	0.0		
Jersey (St. Aubin) ...	30.35	54	WSW	3	odm	30.37	*	52	0	W	3	c	3	0.08	56	51	c. om	o. c. odm	omd. op	0.0		
Portland Bill ...	30.26	53	WSW	3	c	30.27	+0.02	54	+3	WSW	4	c	3	0.01	55	52	c. o	cr. o	c. o. bc.	*		
Dungeness ...	30.28	51	SW	2	o	30.25	00	51	+9	WSW	3	o	3	-	52	40	bc	bcq	o	*		
Dover ...	30.27	51	SW	1	c	30.26	*	50	+7	WSW	3	o	2	0.01	52	43	bc	bc.	cp. o	5.6		
Wick ...	29.45	51	SSW	7	o	29.65	+0.04	39	-6	WNW	4	eqp	4	0.25	51	35	eqp	cp. omp	cp. lb	*		
Nairn ...	29.51	51	SW	7	ca	29.75	*	39	-5	WSW	5	ca	5	0.30	54	36	bcq	bc.	q. p. or	0.8		
Aberdeen ...	29.67	51	S	8	o	29.82	+0.07	41	+1	WSW	5	bc	3	0.01	55	39	op	og	og. bcq	0.0		
Leith ...	29.76	54	SW	5	c	29.90	+0.05	45	-1	W	3	o	*	0.08	55	45	og. c	o. c.	eqp	*		
North Shields ...	29.97	49	SSW	4	o	29.99	+0.04	47	+8	SW	3	c	2	Trace	50	39	c. o	o	op. c.	2.5		
Spurn Head ...	30.02	46	SW	4	c	30.07	+0.02	48	+6	WSW	4	c	3	-	49	40	cm	c	b	2.5		
Yarmouth ...	30.23	46	SW	2	c	30.14	-0.01	49	+10	WSW	2	cm	1	-	50	37	b. com	ban	bc. om.	3.3		
Clacton-on-Sea ...	30.24	48	SW	2	ogm	30.21	00	49	+8	WSW	2	o	2	-	50	39	bc	bc. ogm	ogm. o.	4.1		
Nottingham...	30.15	48	SW	2	o	30.15	1	50	+13	WSW	2	c	*	0.01	52	35	bc. opm	om	q.	0.0		
Bath ...	30.26	51	SW	3	o	30.26	*	52	+14	W	3	o	*	0.01	53	37	cf. g	gdm	o. bc. r. o	0.0		
London (Kew Obsy.)...	30.25	49	SW	2	o	30.24	+0.01	50	+10	SW	2	o	*	-	51	37	bm. man	om. o	o. bc. c.	2.0		
ICELAND, FAEROE, &c.	Spitzbergen ...	29.10	34	S	2	o	29.01	00	31	-5	-	0	o	*	*	36	28	*	*	*	*	
	Isafjord...	28.50	32	-	0	o	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Reykjavik ...	28.55	33	W	7	o	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Vestmanna ...	28.56	34	W	10	bc	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Seydisfjord ...	28.05	39	S	5	c	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Thorshavn ...	28.94	42	WSW	9	o	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
SCANDINAVIA.	Haparanda ...	29.90	37	SW	6	o	29.66	-0.08	37	+4	SW	6	r	*	0.79	37	34	*	*	*	*	
	Hernösand ...	30.04	38	SSW	6	o	29.67	-0.08	39	+2	S	6	c	*	-	39	37	*	*	*	*	
	Stockholm ...	30.25	41	SSW	4	o	29.97	-0.11	41	+4	SW	4	o	*	Trace	43	36	*	*	*	*	
	Visby ...	30.37	40	S	2	o	30.13	-0.08	43	+1	SW	4	o	*	-	45	39	*	*	*	*	
	Karlstad ...	30.15	39	SSW	6	o	29.78	-0.12	44	+5	S	8	o	*	-	45	37	*	*	*	*	
	Vardö ...	29.69	34	SSW	8	o	29.47	-0.04	37	+6	SW	8	bc	4	-	34	25	*	*	*	*	
	Bodö ...	29.52	39	E	4	o	29.13	-0.07	44	+7	ESE	4	c	2	-	39	36	*	*	*	*	
	Christiansund ...	29.42	49	SSW	1	o	29.26	-0.01	44	-1	WSW	5	c	5	0.39	50	41	*	*	*	*	
Skudesnaes ...	29.88	48	S	9	o	29.64	00	46	+2	W	9	c	7	0.35	48	43	*	*	*	*		
Færder (X'lantia Fjord)	30.09	43	S	6	o	29.61	-0.15	48	+7	S	8	r	5	0.08	43	39	*	*	*	*		
The Scaw (Skagen)...	30.13	42	SW	6	o	29.80	-0.10	46	+2	SW	9	r	3	-	46	39	*	*	*	*		
Blaavands Huk ...	30.19	47	SSW	3	m	29.99	-0.08	47	+10	SW	7	o	4	Trace	48	36	*	*	*	*		
GERMANY, &c.	Cuxhaven ...	30.27	41	S	2	o	30.17	-0.04	42	+8	SW	3	o	0	-	45	39	*	*	*	*	
	Berlin ...	30.36	37	S	1	c	30.36	-0.01	36	+5	S	2	o	0	-	39	31	*	*	*	*	
	Frankfurt ...	30.39	43	SW	1	o	30.42	+0.02	41	*	SE	2	o	0	0.20	46	39	*	*	*	*	
	Munich ...	30.43	37	W	3	r	30.47	+0.01	35	-4	SE	2	o	0	0.08	41	34	*	*	*	*	
	The Helder ...	30.25	46	SW	1	b	30.14	-0.03	51	+10	S	4	o	2	0.12	50	37	*	*	*	*	
Brussels ...	30.34	40	SE	1	b	30.29	00	46	+5	SSW	3	o	0	0.12	48	39	*	*	*	*		
FRANCE.	C. Gris Nez...	30.29	51	SW	4	o	30.25	00	53	+4	W	5	o	4	0.04	53	49	*	*	*	*	
	La Hève ...	30.32	49	SW	3	o	30.28	*	48	+1	SW	3	o	4	0.08	54	45	*	*	*	*	
	Ushant...	30.38	55	WNW	3	c	30.38	*	54	-1	W	4	o	5	0.04	54	50	*	*	*	*	
	Brest (St. Mathieu)...	30.41	55	W	3	m	30.42	00	53	-1	W	3	o	2	0.08	57	55	*	*	*	*	
	Lorient (Bec Melen)...	?	54	NW	3	o	?	*	53	*	WNW	3	o	3	-	57	48	*	*	*	*	
	Rochefort (Ile d' Aix)	30.40	54	NW	3	o	30.46	+0.04	53	+1	NNW	3	o	0	0.20	55	52	*	*	*	*	
	Biarritz ...	30.45	55	W	5	r	30.49	+0.05	50	-4	ESE	3	r	5	0.91	55	48	*	*	*	*	
	Paris ...	29.38	46	SSW	2	o	30.39	+0.02	46	+5	S	2	o	*	0.04	47	41	*	*	*	*	
Belfort ...	30.44	41	N	1	b	30.47	*	43	+3	N	1	o	*	-	46	39	*	*	*	*		
Lyons ...	30.19	46	-	0	b	30.31	+0.04	45	+5	-	0	c	3	-	55	41	*	*	*	*		
Nice ...	30.35	53	NW	4	c	30.37	+0.04	52	+1	NW	3</											

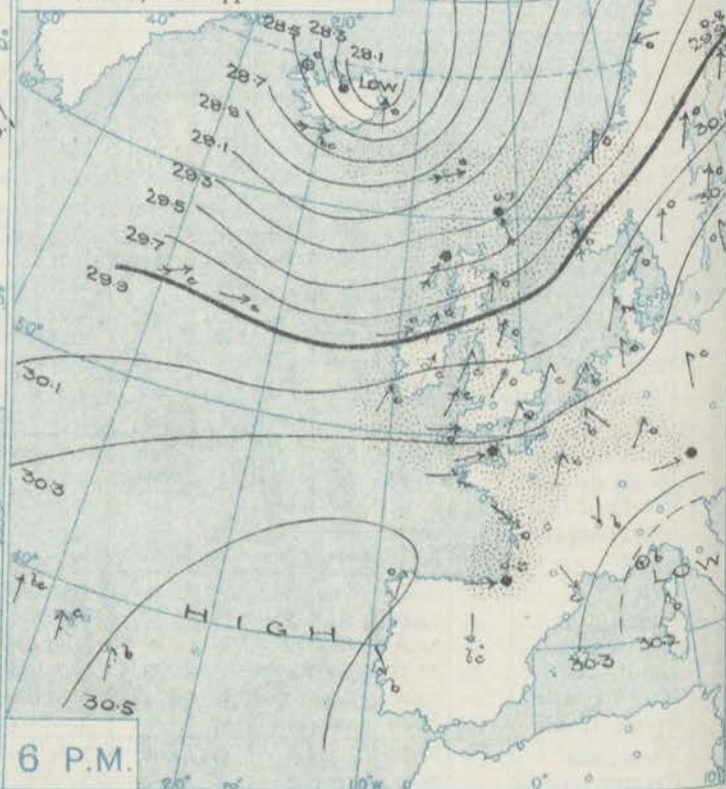
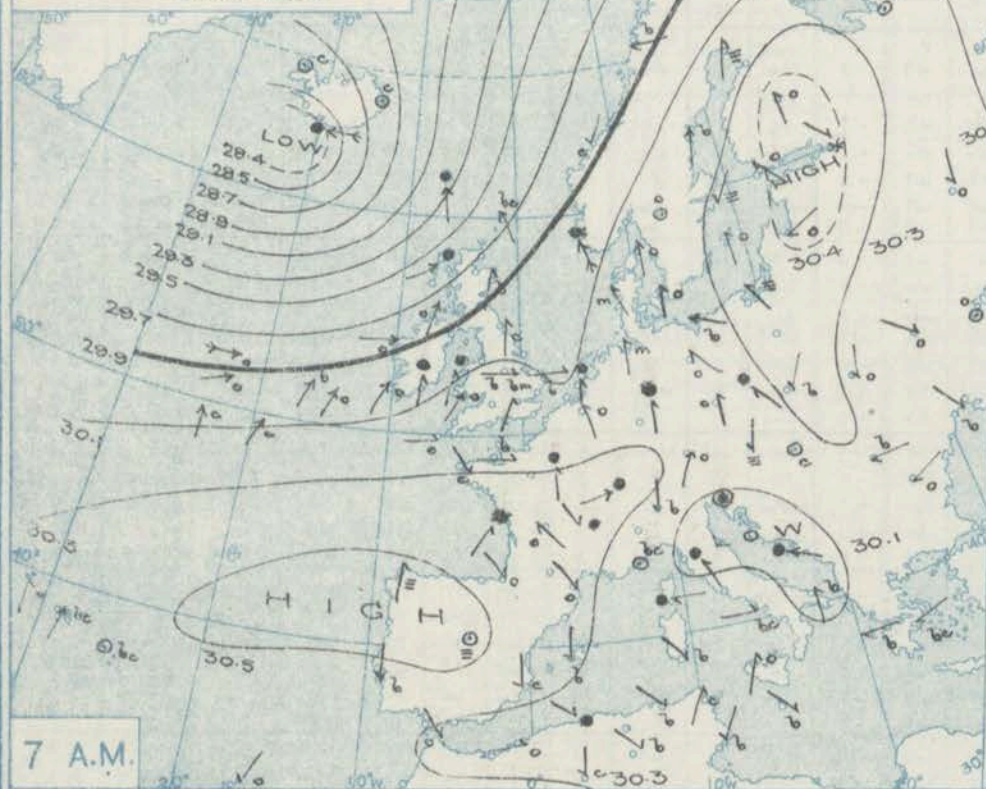
GALES.
Duration and Extreme Force
in British Islands

Lerwick. 9 a.m. - 8 p.m.
Extreme SSW 9.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 25TH NOVEMBER.



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 deep depression on the Arctic Circle is passing away, and the W.^y wind will

decrease in force over our northern districts.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

0 {
a Strong or high W.^y winds, moderating;
b squally, changeable, some rain;
moderate temperature.

1 {
a W.^y breezes, light to moderate;
b

2 {
a fair to dull, local mist, fog or
b showers; mild.

3 {
a
b

THE FURTHER OUTLOOK.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No WARNINGS ISSUED.

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

7 {
a W.^y breezes, fresh at times; fair
b to dull, local showers; mild.

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

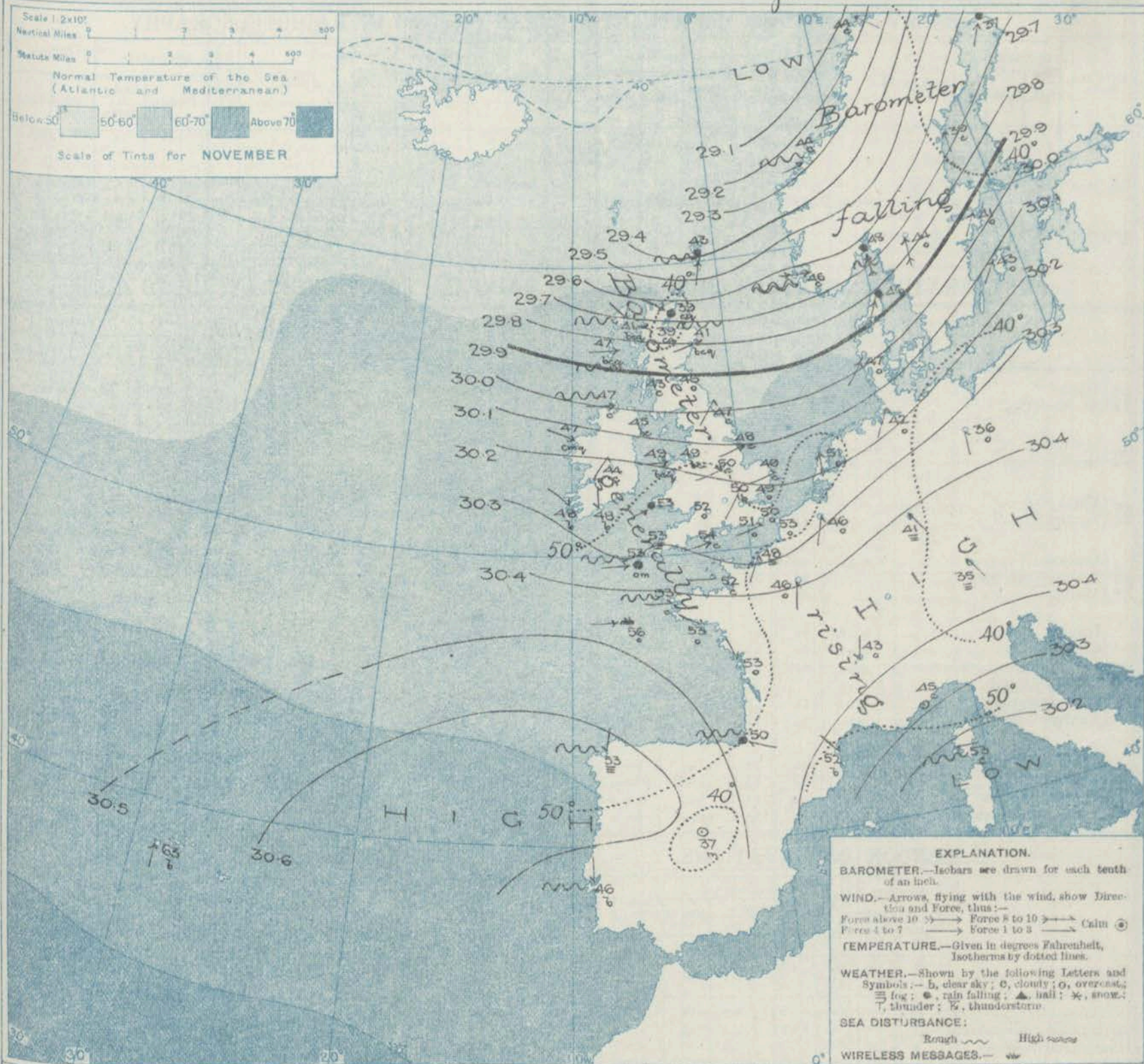
9 {
a Moderating W.^y winds; fair to dull,
b some showers and mist; moderate temperature.

10 {
a Light variable breezes, mainly W.^y;
b fine to dull, some showers and mist; moderate temperature.

11 WESTERN CHANNEL AND BAY.

Light to moderate W.^y breezes; sea slight or moderate; with a N.W.^y swell; dull to fair, some showers, mist or fog, mild.

SYNOPTIC CHART FOR 7 A.M. *Wednesday, 26th* NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure continues highest to the Southwest $30\frac{1}{2}$ in on the Bay and out to the Azores. It is lowest along the Arctic Circle, probably considerably below 29 in. The gradient is rather steep across all the northern regions, slight in the south.

S.^w and S.W.^y strong winds and strong gales prevail from Shetland across Scandinavia, S.W.^y to W.^y elsewhere, decreasing from strong winds in Scotland to light breezes in the south. Over

the British Isles temperature ranges from 38° at Wick to 54° at Portland Bill; on the Continent from 35° at Munich to 53° at various French stations. At Spitzbergen the reading is 31° . On the upper part of the Bay the temperature of the air and of the sea water is 56° . The weather varies from fine to dull, with rain or fog at a few home and foreign stations. A rough sea is running along our northern and northwestern coasts.

DAILY WEATHER REPORT.

Wednesday, 26th November, 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, 7 a.m.	47 43	6 53	H.M.S. Dryad, 56; W. Ball, 54; Increasing NW by Swell.	H	30.49	+0.1	W	2	o	24th, 6 p.m.	51	10	Victorian	H	30.23	+0.7	SW	6-7	c
25th, 6 p.m.	54	29	Columbia	O	29.89	+0.4	WSW	10-11	c	" 1 p.m.	51	12	Arctic	H	30.11	+0.1	WSW	4-5	bc
"	54	23	Hesperian	O	29.81	-0.1	W	6-7	c	" 7 a.m.	52	22	Magellan	O	29.80	0.0	W	8-9	o
										"	51	22	Lake Manitoba	O	29.76	-0.2	WSW	6-7	o
										"	49	22	Minneapolis	O	30.07	-0.1	S	4-5	c
										"	49	19	Zealand	O	30.09	-0.2	SW	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	In. 0.37	F. 52	F. 44	gr	gr	0.0	{ Margate	In. 0.01	F. 49	F. 39	bc	bc-c-o.	1.0	
	{ St. Andrews	"	"	"	"	"	"		{ Ramsgate	" 0.02	" 50	" 38	"	"	3.7
Eng. N.E.	{ Harrogate	"	48	37	bc-c-o.	o	0.0	{ Folkestone	" 0.04	53	41	cr-b.	b-r-o.	5.0	
	{ Scarborough	"	46	36	c-b.	o-c.	2.5		{ Hythe	"	"	"	"	"	4.2
Eng. N.W.	{ Blackpool	0.11	52	44	o	o	0.0	{ Littlestone	"	"	"	"	"	4.2	
	{ Southport	0.10	52	39	bc-o.	od-o.	0.0		{ Hastings	0.03	51	40	op-bc-b.	z	3.3
Mid- lands.	{ Buxton	0.06	41	35	bc	bc-r.	0.0	{ Bexhill-on-Sea	0.02	52	42	bc-b.	b-o.	2.4	
	{ Leamington Spa	"	49	34	c-b.	o	0.4		{ Eastbourne	0.02	53	43	bc-o.	bc-o.	2.5
Wales.	{ Malvern	"	50	41	bz	z-b.	0.0	{ Seaford	"	53	41	c-bc.	bc-o.	2.0	
	{ Rhyl	0.05	54	37	"	"	0.0		{ Brighton	0.01	52	44	cm-o-c.	c-o.	1.1
England, E.	{ Colwyn Bay	0.05	56	42	bc	bc	0.0	{ Worthing	0.04	52	40	c-o-bc.	o	1.6	
	{ Llandudno	0.02	53	43	c	b	0.5		{ Littlehampton	"	"	"	"	"	0.0
England, E.	{ Bettws-y-Coed	0.10	"	37	"	"	0.0	{ Southsea	0.02	54	42	m-c-o.	o-or	2.5	
	{ Aberystwyth	0.05	53	43	r-o-c.	c-o.	0.0		{ Ryde	"	52	46	"	"	3.0
England, E.	{ Tenby	0.11	54	50	d	o	0.1	{ Ventnor	0.07	55	49	"	"	0.6	
	{ Lowestoft	0.01	49	37	c-bc.	bc-c-o.	3.5		{ Bournemouth	"	53	42	c-o	c-b.	0.2
England, E.	{ Felixstowe	"	50	39	bc-bf.	b-b-c-o.	4.7	{ Weymouth	"	50	46	bc-c.	c	0.0	
	{ Walton-on-Naze	"	49	39	bm	bc-c-o.	4.4		{ Exmouth	"	53	41	"	"	0.1
England, E.	{ Southend-on-Sea	"	50	39	m-o-c.	bc-o.	1.0	{ Teignmouth	"	55	44	c	c	0.3	
									{ Torquay	0.01	54	43	c	c-o.	0.3
England, E.								{ Paignton	0.03	55	39	fc.	b-c-o.	0.1	
									{ Falmouth	0.14	54	47	od	o	0.0
England, E.								{ Bude	0.16	55	51	omf	op	0.0	
									{ Ilfracombe	0.12	55	46	gd	do.	0.0
England, E.								{ Weston-super-Mare	"	53	41	bc-c.	od-o.	0.0	

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sunshine for Yesterday.	TEMPERATURE.			Rainfall.	WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.		In Screen.	Min. on Grass.	Max. on Grass.		Forenoon.	Afternoon.	Night.
Greenwich (Royal Obs.) ...	77	87	2.4	F. 52	F. 42	F. 32	In.	c	c-o	o
City (Bunhill Row) ...	"	"	0.0	"	"	"	"	"	"	"
Westminster (St. James's Pl.)	78	91	0.4	53	40	36	"	m	m	me
Camden Sq. (Brit. Rainfall)	78	87	0.1	52	40	43	"	bm-c	o	o
Hampstead (Reservoir) ...	"	91	2.3	50	39	37	"	o	o	o-c-o.
Richmond Park ...	"	"	2.3	"	"	"	"	"	"	"
Kew. (See front page.)	"	"	"	"	"	"	"	"	"	"
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
Total.				Average Rate.		Max. Rate.				
S. Kensington (Roof of M.O.)				172 Joules.		5.7 Milliwatts.				

Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	
Dublin to 4 p.m.	In.	F. 55	F. 42	F. 39	bc-o.	2.6
Plymouth to 9 p.m.	" 0.02	" 54	" 41	" 34	c-b.	od
Darwen "	" 0.05	" 49	" 38	" 33	ot-bc	ogu
Manchester "	" 0.01	" 51	" 37	"	o op-o	op
Birmingham "	"	" 50	" 39	" 32	"	o
Oxford to 8 p.m.	"	" 52	" 37	" 28	bm-c-o	bfb-o
S. Kensington (Museum Grounds to 6 p.m.)	"	" 51	" 41	" 28	ofeme	o-og

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

26th & 27th Nov., 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.34	G.M.T. 11.40	G.M.T. 3.46
Greenwich ...	" 7.36	" 11.41	" 3.45
Wick ...	" 7.37	" 11.47	" 3.57
Valencia ...	" 8.27	" 11.48	" 3.56
	" 8.27	" 11.59	" 3.31
	" 8.30	" 12.0	" 3.29
	" 8.20	" 12.28	" 4.36
	" 8.22	" 12.29	" 4.35

NOTES ON YESTERDAY'S WEATHER.

Temperature touched 55° or 56° at many stations, and some of the night minima were above 50°. Nearly all stations had small amounts of rain. In many districts there was no bright sunshine, but Folkestone had 5 hours, Dover 5½ hours. A Southerly to Westerly gale to a strong gale was experienced round Scotland and at Hesham. As far west as the 25th meridian ships experienced South-Westerly to Westerly strong winds and gales, 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-baze, or smoke.

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

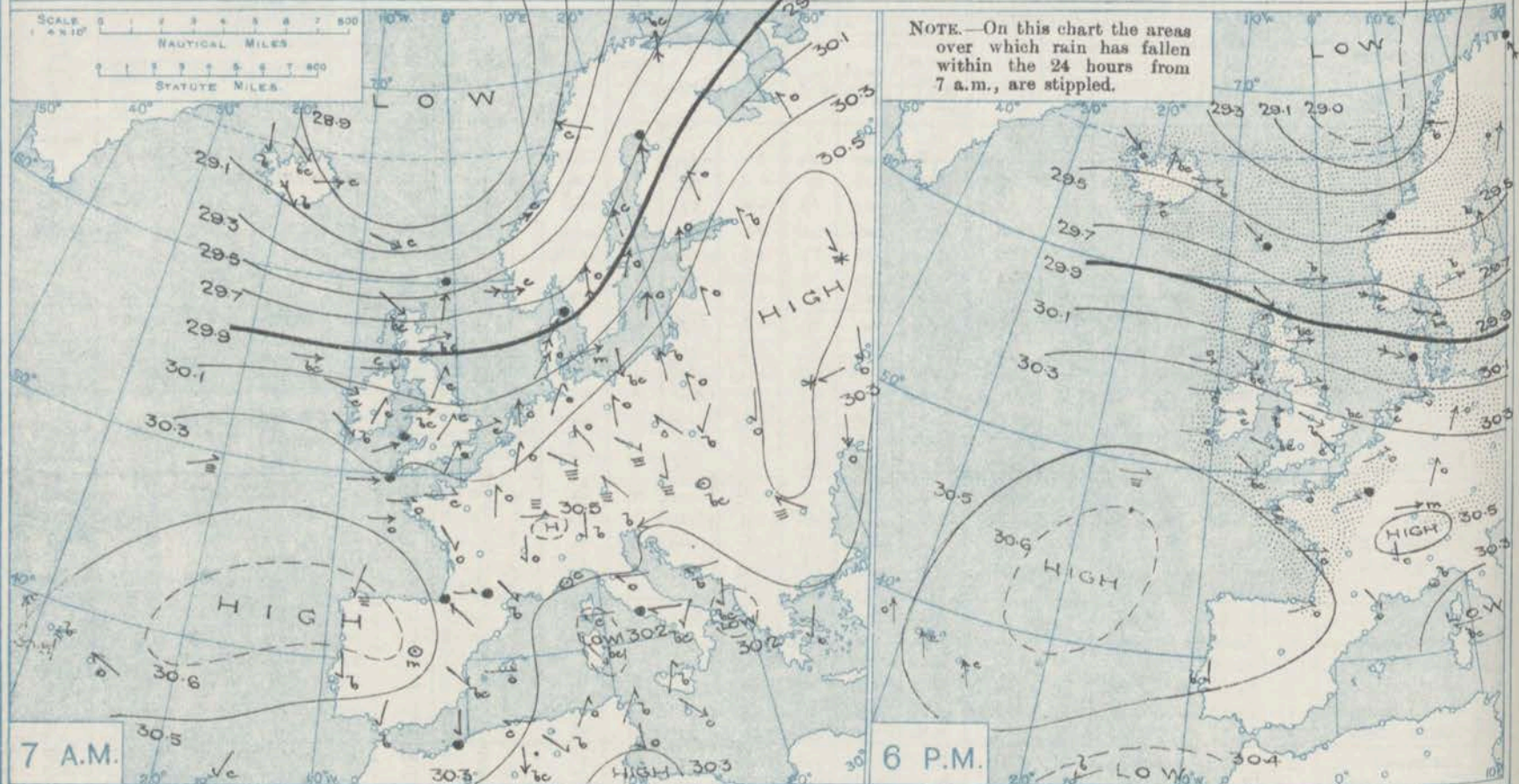
1913.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,
27th November 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		WIND.		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.	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.								F.	F.				Hours.		
BRITISH ISLANDS.	Lerwick ...	29.64	43	W	5	bq	29.88	-0.2	44	+1	WSW	2	cd	2	0.26	45	38	cphqt	bchq	bcpq	0.0			
	Stornoway ...	29.99	44	NW	7	cg	29.76	-0.5	50	+9	SW	6	aq	5	0.40	50	38	bcpq	bcpq	c-odp	0.0			
	Castlebay (Barra Isd.)	30.11	48	W	6	c	30.06	-0.1	52	+9	W	5	odp	6	0.23	52	43	hp.bq	hpq	c-odp	0.4			
	Glasgow ...	30.16	44	W	4	od	30.18	-0.2	44	+2	SW	3	odg	7	0.13	46	41	opq	opq	c-bc	0.1			
	Malin Head...	30.21	48	NW	6	bc	30.14	+0.2	52	+5	WNW	7	mrg	7	0.04	52	44	cg	bcq	mrg	0.1			
	Blacksod Point	30.33	48	W	3	cg	30.30	+0.3	53	+6	W	4	om	4	Trace	55	46	op	og.cq	cg	0.1			
	Valencia ...	30.44	47	W	1	c	30.47	+0.2	53	+5	S	1	omg	4	0.07	54	42	bc	c	cmr	1.8			
	Roches Point ...	30.44	44	NNW	1	b	30.45	0	50	+2	SSE	1	c	2	0.01	50	43	bc.c	c.b.c	bc.c	0.3			
	Birr Castle ...	30.38	46	W	1	c	30.36	0	51	+7	W	3	o	0	0	51	40	c	c	c	0.3			
	Donaghadee ...	30.27	46	W	3	bcm	30.20	-0.3	49	+4	WSW	4	cg	3	0.01	49	41	bc	bcm	bc.cq	0.5			
	Liverpool Obsy. ...	30.33	47	W	4	c	30.34	-0.2	47	-2	SSW	2	o	2	0	49	44	o	cg	o	0.5			
	Holyhead ...	30.37	49	W	4	bcmq	30.39	-0.2	50	+1	WSW	2	om	2	0	50	47	c.bcmq	c.bcmq	bc.c	0.2			
	Pembroke (St. Ann's Hd.)	30.41	49	WNW	2	bc	30.43	-0.2	52	-1	SW	5	cg	5	0	55	47	ogp	c	bc	0.5			
	Newquay ...	30.42	51	W	3	o	30.50	+0.2	50	-3	SW	2	o	3	0.02	53	47	ofd	c	o	0.0			
SCANDINAVIA.	Scilly (St. Mary's) ...	30.43	50	NW	3	bc	30.51	0.0	50	-3	WNW	4	bc	4	0.01	54	46	fe	cm	bc	0.0			
	Jersey (St. Aubin) ...	30.42	54	W	3	oge	30.52	0	46	-6	WNW	3	bm	3	0.03	56	46	orm	ompd	omd.bm	0.0			
	Portland Bill ...	30.40	51	NNW	2	bc	30.48	0.0	49	-5	WNW	3	c	3	0	55	43	c.o	c.c	bc.c	0.1			
	Dungeness ...	30.31	52	W	3	c	30.42	+0.1	38	-13	NW	2	cx	2	0	53	36	c.o	c.b	bc.c	0.1			
	Dover ...	30.31	49	SW	1	bc	30.42	0	40	-10	NW	2	b	3	Trace	53	38	c.c	c.b	bc.c	0.0			
	Wick ...	29.89	40	W	4	c	29.98	-0.5	45	+6	SW	3	cm	3	0.15	45	36	cph	cph	cmq	0.1			
	Nairn ...	30.02	41	WNW	3	o	30.02	0	47	+8	W	2	cu	3	0.18	47	38	opq	rsq	qp.c	0.1			
	Aberdeen ...	30.02	42	W	4	bc	30.09	-0.3	45	+4	SW	2	o	2	0.01	45	39	b.b.c	bc.c	bc.c	2.4			
	Leith ...	30.11	45	W	4	bc	30.13	+0.2	47	+2	W	3	o	0	0.04	48	43	ogp	c.b	bc.c	0.1			
	North Shields ...	30.17	44	WSW	3	c	30.26	0.0	45	-2	0	0	0	2	0.22	49	44	c	c	cr	0.0			
	Spurn Head ...	30.22	47	W	5	bc	30.29	0.0	46	-2	W	4	at	4	0.02	48	44	c	bcqm	bcqm	0.0			
	Yarmouth ...	30.29	45	WSW	2	bc	30.35	+0.1	42	-7	W	2	c	1	0	52	40	cm.om	o.b	bc.c	0.0			
	Clacton-on-Sea ...	30.31	47	W	1	bc	30.40	+0.1	40	-9	W	1	c	1	0	53	39	ogm	og.c.b	bc.c	0.0			
	Nottingham ...	30.32	46	WNW	4	b	30.36	0	43	-7	SW	1	r	0	0.01	51	43	cm	c.b	bc.c	0.0			
Bath ...	30.39	48	N	1	c	30.44	0	44	-8	W	1	o	0	0	56	37	c.c	c.o	cm.c	1.7				
London (Kew Obsy.) ...	30.36	49	NW	1	c	30.43	0.0	38	-12	W	1	bcm	0	0	54	37	om	om.c	c.b.c	0.0				
GERMANY, &c.	Spitzbergen ...	28.98	36	0	0	o	28.95	+0.1	31	0	0	0	0	0	0	36	28							
	Isafjord ...	29.24	33	NW	4	c	28.89	-2.3	34	+7	E	5	0	0	0	0	0							
	Reykjavik ...	29.55	37	WNW	5	o	28.94	-1.4	43	+7	W	3	0	0	0	0	0							
	Vestmanna ...	29.58	37	WSW	4	c	29.09	-0.8	39	+6	SE	6	0	0	0	0	0							
	Seydisfjord ...	29.40	34	W	6	b	29.21	-1.5	32	-3	NE	2	0	0	0	0	0							
	Thorshavn ...	29.55	37	NW	6	r	29.56	-1.5	45	+4	SSW	5	0	0	0	0	0							
	Haparanda ...	29.43	37	SW	6	o	29.54	+0.7	37	0	SW	2	0	0	0.16	39	36							
	Hernösand ...	29.44	37	S	4	b	29.66	+0.8	31	-8	0	0	0	0	0.04	41	28							
	Stockholm ...	29.63	40	SW	2	b	29.71	+0.4	34	-7	WNW	2	0	0	0.08	43	32							
	Wisby ...	29.73	44	WSW	6	r	29.73	+0.1	42	-1	NW	4	0	0	0.35	45	41							
	Karlsund ...	29.62	39	WSW	4	b	29.80	+0.6	31	-13	WNW	2	0	0	0.12	45	30							
	Vardö ...	29.38	37	S	8	r	29.38	+0.2	37	0	S	8	0	0	0	37	25							
	Bodö ...	29.40	39	ESE	4	b	29.25	+1.5	44	0	SW	6	0	0	0.28	44	36							
	Christiansund ...	29.38	41	WSW	5	r	29.76	+0.7	41	-3	W	6	0	0	0.35	44	39							
Skudesnaes ...	29.73	45	WNW	8	c	29.97	+0.2	43	-3	W	4	0	0	0.20	46	39								
FRANCE.	Færder (X'land Fjord)	29.63	44	WSW	6	b	29.83	+0.5	41	-7	W	4	0	0	0	48	41							
	The Scaw (Skagen) ...	29.74	44	WNW	6	bc	29.87	+0.8	44	-2	NW	5	0	0	0.24	46	41							
	Blaavands Huk ...	29.96	46	WNW	8	r	30.05	+0.5	46	-1	NW	5	bc	4	0.16	48	41							
	Cuxhaven ...	30.08	45	W	3	o	30.10	+0.2	45	+3	NW	5	og	3	0.20	46	42							
	Berlin ...	30.14	45	SW	4	o	30.06	+0.2	41	+5	W	4	0	0	0.08	46	36							
	Frankfurt ...	30.35	45	SW	2	o	30.31	+0.3	46	+5	NW	1	0	0	0	48	41							
	Munich ...	30.44	39	SW	1	c	30.33	-0.2	39	+4	SW	5	0	0	Trace	39	34							
	The Helder ...	30.21	50	W	4	c	30.28	+0.2	50	-1	WNW	4	0	0	0	52	50							
	Brussels ...	30.33	48	WSW	1	o	30.39	+0.2	42	-4	WNW	1	0	0	0.04	50	41							
	C. Gris Nez ...	30.32	53	W	4	bc	30.44	+0.1	47	-6	NW	4	bc	3	0	55	46							
	La Hève ...	30.38	53	W	3	f	30.45	0	49	+1	NW	3	0	0	0.08	54	45							
	Ushant ...	30.50	54	N	4	f	30.50	0	52	-2	N	3	0	0	0.04	55	48							
	Brest (St. Mathieu) ...	30.46	55	W	3	f	30.55	+0.2	53	0	NNW	2	0	0	0.08	57	50							
	Lorient (Bec Melen) ...	30.42	55	W	3	f	30.50	0	50	-3	NE	2	0	0	0	58	48							
Rochefort (Ile d'Atx) ...	30.48	55	W	3	c	30.47	+0.1	54	+1	N	1	0	0	0.04	55	52								
Biarritz ...	30.53	55	WSW	3	o	30.54	0	54	+5	NNW	3	0	0	0.12	55	54								
SPAIN, PORTUGAL, &c.	Paris ...	30.41	51	WSW	1	r	30.45	+0.1	49	+3	WSW	1	0	0	0.04	55								

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 26th NOVEMBER.



GENERAL INFERENCE

WEATHER PROSPECTS.

Another deep depression in the Iceland region will maintain a windy type of conditions

over our northern districts, and will occasion showers in most districts.

FORECASTS FOR THE 24 HOURS NOON THURSDAY

TO NOON FRIDAY.

- 0 {
a } Westerly winds, force variable,
b } strong or high at times; fair to dull,
1 } some rain, local mist; mild.

- 2 {
a } Westerly breezes, fresh at times;
b } fair to dull, some rain; moderate temperature.

- 3 } Light to moderate Westerly

- 4 {
a } breezes; fair to dull, local mist,
b } fog or showers, moderate temperature.
5 }

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

NO WARNINGS
ISSUED.

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

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

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

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

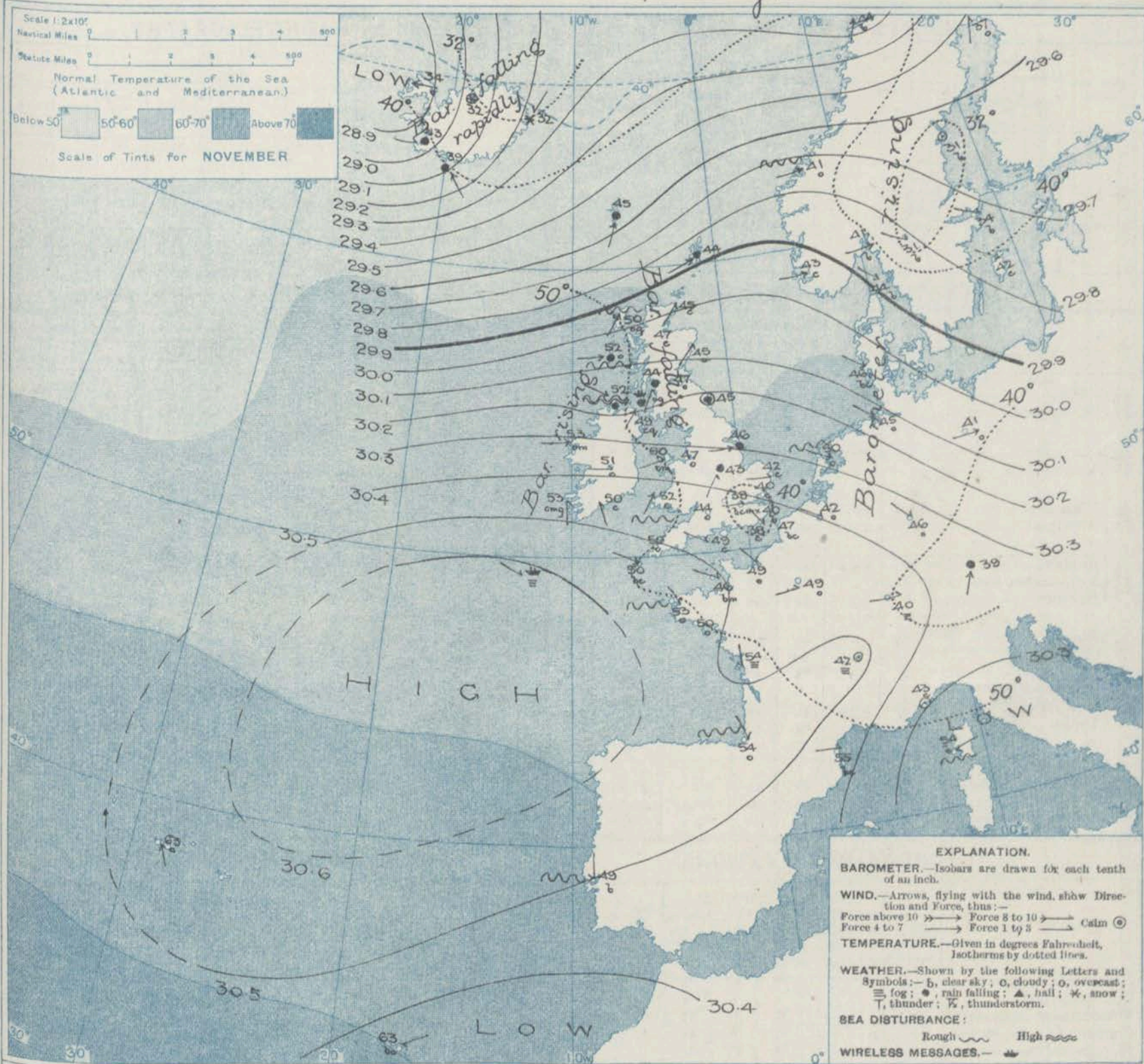
- 10 {
a } Same as Nos. 3 to 5.
b }

11 WESTERN CHANNEL AND BAY.

Light to moderate W.^y to N.^y breezes; sea smooth to moderate; fair to dull, some mist or fog; mild.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Thursday, 27th NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An area of high pressure embraces the British Isles, Western Europe and the ocean to the westward. The barometer is above 30.6 in. beyond our southwestern coasts. A new and deep depression has appeared off the west of Iceland, where the barometer has fallen very rapidly, and is now below 28.9 in. A depression of equal depth is passing up towards Spitzbergen. The gradient is steep over the northern regions, moderate to very slight elsewhere.

Winds from between S.W. and N.W. prevail over the area under observation, the force very variable, fresh

or strong in a few localities, a high wind on the Donegal coast. At the home stations temperature ranges from 38° at Dungeness and Kew Observatory to 53° at Blackhead Point and Valencia; on the Continent from 31° at Hernösand and Karlstad to 55° at Perpignan; and in Iceland from 32° to 43°. At Spitzbergen the reading is 31°. The weather is fine and clear in many parts of Scandinavia, but in other regions it is mostly very cloudy to overcast, with mist or fog at a number of stations. Rain is falling in various parts of the British Isles, Bavaria and Southern Iceland, snow in Eastern Iceland and at Spitzbergen.

DAILY WEATHER REPORT.

Thursday, 27th November, 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, 7 a.m.	49	11	<i>Vaderland</i>	H	30.62	+0.2	WNW	1-3	f	26th, 7 a.m.	49	20	<i>Vaderland</i>	H	30.36	+0.4	WSW	1-3	f
	55	6	<i>Parisian</i>	H	30.17	+0.2	SW	6-7	f		55	14	<i>Parisian</i>	H	30.09	+0.6	W	6-7	f
26th, 6 p.m.	49	15	<i>Vaderland</i>	H	30.55	+1.0	W	1-3	f										
	55	10	<i>Parisian</i>	H	30.23	+0.1	W	6-7	o										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.		
Scot- land.	(Oban	In. 0.30	F. 52	F. 43	bc	bc	0.0	(Margate	In. -	F. 54	F. 45	c	c	0.0
	(St. Andrews	0.05	54	39	"	"	0.8	(Ramsgate	-	53	45	"	"	0.0
Eng. N.E.	(Harrogate	0.02	46	43	c	c. bc	0.0	(Folkestone	-	53	46	"	of	0.0
	(Scarborough	"	48	44	c. c.	c. c.	0.0	(Hythe	"	"	"	"	"	0.0
Eng. N.W.	(Blackpool	0.01	52	47	c	c	0.5	(Littlestone	"	"	"	"	"	0.0
	(Southport	0.01	49	47	c. bc.	bc. o.	0.9	(Hastings	0.02	54	50	op. o	c. bc.	0.0
Mid- lands.	(Buxton	0.04	45	39	bc. r.	bc.	0.0	(Bexhill-on-Sea	0.01	54	50	"	"	0.0
	(Leamington Spa	-	53	37	c. b.	c. b.	0.3	(Eastbourne	-	56	51	c. c.	"	0.0
Wales.	(Malvern	-	53	41	b. z.	z. b.	1.1	(Seaford	0.02	54	51	of. o	"	0.0
	(Rhyl	-	49	47	b	"	0.1	(Brighton	-	55	46	c. c. o.	om	0.0
England, E.	(Colwyn Bay	-	54	47	bc	bc	0.0	(Worthing	-	55	50	"	"	0.0
	(Llandudno	0.01	52	47	"	b	0.0	(Littlehampton	0.01	"	"	"	"	0.0
England, W.	(Bettws-y-Coed	"	"	"	"	"	"	(Southsea	-	56	46	c. c.	c. o.	2.7
	(Aberystwyth	0.04	51	48	ro.	"	0.0	(Ryde	-	55	52	"	"	0.0
England, S.W.	(Tenby	-	54	47	c. c.	"	1.0	(Ventnor	0.07	54	50	"	"	0.0
	(Lowestoft	"	"	"	"	"	"	(Bournemouth	-	55	50	"	o. b.	0.0
England, S.W.	(Felixstowe	-	53	41	"	c. bc.	0.0	(Weymouth	0.01	55	50	c	c. bc.	0.0
	(Walton-on-Naze	-	53	40	bc.	bc.	0.0	(Exmouth	-	57	41	c. bc.	bc. b.	0.0
England, S.W.	(Southend-on-Sea	0.01	52	40	"	"	0.0	(Teignmouth	-	59	49	bc	"	1.8
								(Torquay	-	56	49	bc	bc.	0.7
England, S.W.								(Paignton	-	56	"	bc	bc.	0.6
								(Falmouth	0.03	55	48	om	c. c. b.	0.6
England, S.W.								(Bude	0.17	54	49	d. o. c.	"	0.0
								(Ilfracombe	0.15	54	49	d. f. c.	c. bc.	0.0
England, S.W.								(Weston-super-Mare	-	53	44	c. bc. b.	b. bc. c.	1.3

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		Sun- shine for Yester- day.	TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.		Max.	Min.	Grass.		Fore- noon.	After- noon.	Night.
Greenwich (Royal Obs.) ...	81	86	0.0	56	37	28	"	o	o. c.	c
City (Banhill Row) ...	"	"	0.0	"	"	"	"	"	"	"
Westminster (St. James's Pk.)	86	95	0.0	55	37	33	"	o	o	m
Camden Sq. (Brit. Rainfall)	84	90	0.0	55	36	31	"	o	o. c.	bc. m.
Hampstead (Reservoir) ...	"	90	0.0	52	37	24	"	b	bc. c.	c. o. d.
Richmond Park ...	"	"	0.0	VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.						
Kew. (See front page.)				Total.	Average Rate.	Max. Rate.				
S. Kensington (Roof of M.O.)	81	89	0.0	134 Joules.	4.5 Milliwatts.	13.0 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.	0.01	53	44	41	o. c. p.	o. c.	o. c. b.	"
Plymouth to 9 p.m.	0.01	56	45	34	bc	o. c.	c. b.	0.2
Darwen "	0.07	49	42	39	o. bc.	o. bc.	bc. o.	0.0
Manchester "	"	52	47	"	o. c.	o. c.	"	0.0
Birmingham "	"	50	41	42	"	"	"	0.0
Oxford to 8 p.m.	"	"	"	"	"	"	"	"
S. Kensington (Museum Grounds to 6 p.m.)	"	55	49	39	o	o. c.	o. c. b.	"

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

	27th, 28th Nov., 1913.		Sunrise.		Noon.		Sunset.	
	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.36	11.41	3.45	7.38	11.41	3.44	7.39	11.48
Greenwich ...	7.39	11.48	3.56	7.41	11.48	3.55	7.42	11.49
Wick ...	8.30	12.0	3.29	8.33	12.0	3.27	8.34	12.01
Valencia ...	8.22	12.29	4.35	8.24	12.29	4.34	8.25	12.30

NOTES ON YESTERDAY'S WEATHER.

Temperature exceeded 55° at several southern stations, and touched 59° at Teignmouth. Many northern stations remained below 50°. Small amounts of rain fell in several districts. As a rule there was little or no bright sunshine. A North-Westerly gale to a strong gale was felt between Donegal and the southern Hebrides. As far west as the 22nd meridian ships experienced light to strong westerly winds and fair to foggy weather.

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

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

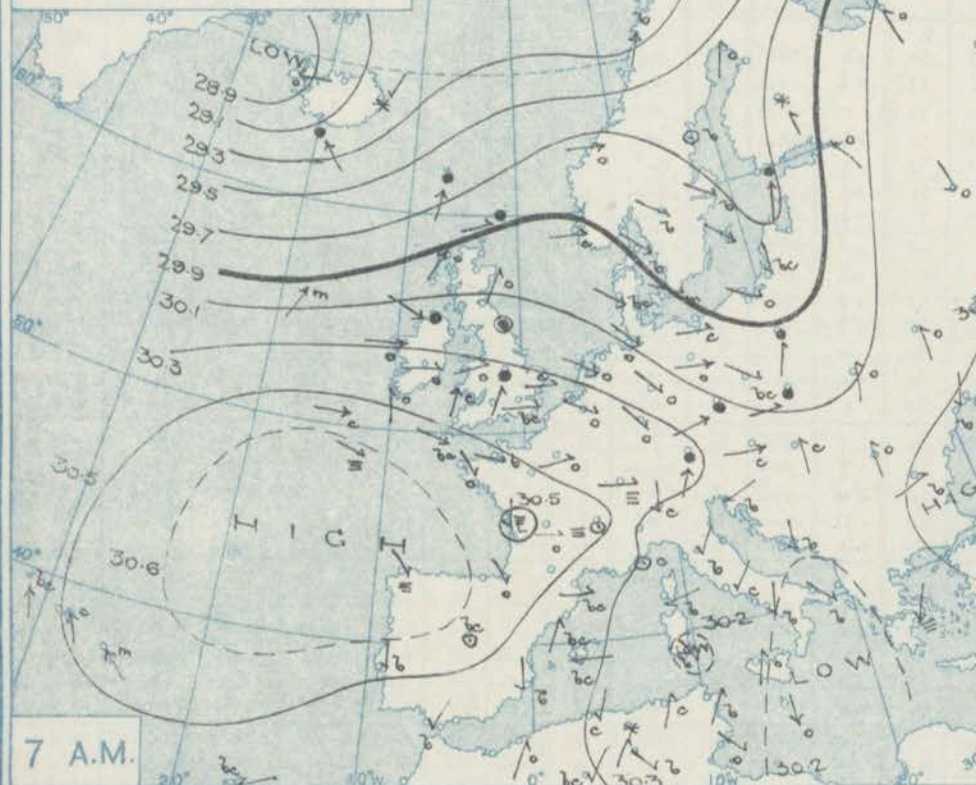
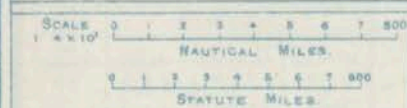
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,
28th November, 1913.

1913.

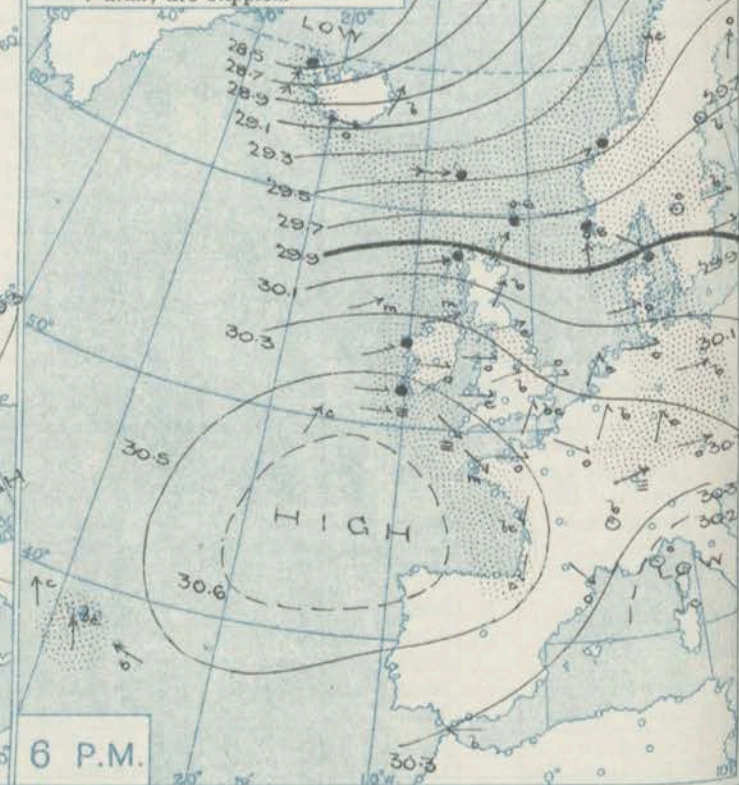
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day
	BAROM.		TEMP.		WIND.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.				
	At 32° F. and M.S.L. Lat. 46°	Dry Bulb.	Dir.	Force (0 to 12)		Weather	At 32° F. 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.		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 ...	29.64	51	SW	8	org.	29.73	+0.05	50	+6	SW	5	org.	6	0.55	52	44	or	org.	org.	Hours.
	Stornoway ...	29.98	52	WSW	7	odq.	30.00	+0.05	52	+2	WSW	7	odq.	6	0.12	52	50	odq.	odq.	odq.	0.0
	Castlebay (Barra Isd.)	30.13	52	WSW	4	d	30.14	0.00	52	0	WSW	5	d	6	0.03	52	50	dp	dp.d	d	0.0
	Glasgow ...	30.21	51	WSW	5	o	30.21	-0.02	50	+6	WSW	7	bcq.	6	0.04	53	43	op	o	ode bc.	0.0
	Malin Head...	30.24	50	WSW	7	m	30.25	+0.01	50	-2	SW	6	m	6	0.04	53	49	mq	omd	omd	0.0
	Blacksod Point	30.40	52	WSW	3	odm	30.38	-0.01	52	-1	WSW	4	omd	4	0.10	53	49	omd	omd	omd	0.0
	Valencia ...	30.54	51	W	2	odm	30.53	0.00	51	-2	WSW	3	om	4	0.03	54	50	omd	omd	omd	0.0
	Roches Point ...	30.50	52	NW	2	b	30.52	0.00	49	-1	WSW	1	o	2	0.01	58	43	c	c. bc. b.	b. o.	0.0
	Birr Castle ...	30.43	51	W	1	o	30.44	0.00	49	-2	W	1	o	2	0.01	54	49	oe	oe	o	0.0
	Donaghadee ...	30.30	52	W	3	bc	30.34	+0.01	51	+2	W	3	bc	3	0.02	58	49	bc	bc	bc. bcq.	1.6
ICELAND, FAEROE, &c.	Liverpool Obsy. ...	30.33	52	W	6	o	30.38	+0.01	50	+3	W	5	org.	4	0.02	57	49	o	bcq.	opq.	0.7
	Holyhead ...	30.41	54	W	2	odgm	30.45	0.00	50	0	W	3	om	2	0.01	56	50	cobq.	c. bc. b.	bc. b. o.	0.7
	Pembroke (St. Ann's Hd.)	30.45	53	W	4	c	30.47	0.00	50	-2	WNW	4	om	3	0.01	54	50	cq	c. o.	c. o.	0.0
	Newquay ...	30.50	52	W	2	ofe	30.53	+0.01	50	0	W	3	ofe	3	0.03	53	50	om. of	of	of	0.0
	Scilly (St. Mary's) ...	30.53	52	NW	5	fe	30.54	-0.01	50	0	NW	5	fe	5	0.01	54	49	omfe	fe	fe	0.0
	Jersey (St. Aubin) ...	30.50	54	W	3	om	30.50	0.00	53	+7	NW	2	ogme	2	0.01	55	44	bc. c.	c. om	ome	1.3
	Portland Bill ...	30.43	55	W	3	bc	30.44	0.00	53	+4	WNW	3	c	3	0.01	55	49	c.	c. bc	bc. c.	0.0
	Dungeness ...	30.38	50	WSW	2	bc	30.36	+0.01	50	+12	WNW	2	o	2	0.01	50	36	bc. o	o	bc. o.	0.0
	Dover ...	30.37	48	SW	1	b	30.33	0.00	51	+11	NW	5	ce	4	0.01	51	42	bc	o. bc	bc. o.	0.0
	Wick ...	29.87	52	SW	5	bc	29.93	+0.02	52	+7	W	4	omd	4	0.03	56	45	om. bc	bc	eq. omd	0.0
SCANDINAVIA.	Nairn ...	30.01	55	W	5	c	30.01	0.00	53	+6	W	3	org	3	0.01	55	46	bc	cu	ge.	0.7
	Aberdeen ...	30.00	57	SW	4	b	30.06	+0.04	53	+8	WSW	2	c	2	0.01	59	45	ac. bc	bc. bc.	bc. c.	0.5
	Leith ...	30.17	53	SW	4	o	30.14	-0.02	53	+6	SW	4	c	2	0.01	55	46	o	og	o. c.	0.0
	North Shields ...	30.15	51	WSW	4	c	30.23	0.00	52	+7	WSW	3	c	2	0.11	56	44	r.	c. o	c	0.0
	Spurn Head ...	30.21	51	W	4	m	30.22	0.00	51	+5	W	6	bq	5	0.06	51	43	of	om	om	0.0
	Yarmouth ...	30.29	46	W	1	om	30.28	0.00	51	+9	W	3	bc	2	0.01	52	41	cp. omv	om	om. bc	0.0
	Clacton-on-Sea ...	30.24	47	SW	1	ogm	30.32	0.00	52	+12	NW	3	o	2	0.01	52	40	c. ogm	ogm	og. bc.	0.0
	Nottingham ...	30.32	52	WSW	2	b	30.37	0.00	53	+10	W	3	o	2	0.01	54	43	d. om	om. bc.	bc. o.	0.0
	Bath ...	30.43	54	W	4	o	30.46	0.00	51	+7	W	4	o	2	0.01	56	44	ogm	gm.	g. bc. o.	0.1
	London (Kew Obsy.) ...	30.37	50	SW	2	bcw	30.40	0.00	51	+13	W	1	o	2	0.01	53	38	bc. bc. c.	om. c.	bc. o.	0.0
GERMANY, &c.	Spitzbergen ...	28.83	24	-	0	c	28.73	-0.02	26	-5	SSE	1	o	2	0.01	28	19				
	Isafjord ...	28.47	40	SW	10	r	28.29	+0.08	25	-9	NW	4	s	2	0.01	28	19				
	Reykjavik ...	29.05	40	W	10	o	29.47	+0.05	35	-8	SW	7	o	2	0.01	28	19				
	Vestmanna ...	29.14	41	W	9	o	29.54	+0.04	33	-6	WNW	7	b	2	0.01	28	19				
	Seydisfjord ...	28.81	49	SW	6	b	29.30	+0.13	33	+1	W	7	b	2	0.01	28	19				
	Thorshavn ...	29.45	50	W	8	r	29.63	+0.11	42	-3	WNW	5	c	2	0.01	28	19				
	Haparanda ...	29.60	35	SW	4	o	29.40	-0.08	36	-1	SW	6	o	2	0.01	37	32				
	Hernösand ...	29.71	33	-	0	b	29.42	-0.06	35	+4	S	2	bc	2	0.01	37	28				
	Stockholm ...	29.84	32	W	2	b	29.63	-0.05	35	+1	WSW	2	r	2	0.01	36	30				
	Wisby ...	29.88	40	W	2	b	29.69	-0.06	40	-2	SW	2	c	2	0.01	43	36				
FRANCE.	Karlstad ...	29.88	32	-	0	o	29.54	-0.06	42	+11	-	0	m	2	0.16	43	30				
	Vardö ...	29.40	37	SW	8	o	29.34	-0.08	34	-3	S	8	o	4	0.01	37	34				
	Bodö ...	29.44	36	SW	4	c	28.87	-0.09	44	0	SW	6	r	4	0.35	45	36				
	Christiansund ...	29.38	41	WSW	4	r	29.39	+0.01	47	+6	W	7	o	5	0.28	47	39				
	Skudesnaes ...	29.79	48	S	6	r	29.80	-0.01	51	+8	NW	6	o	5	0.83	51	41				
	Færder (X'iania Fjord) ...	29.88	44	SW	2	o	29.58	0.00	47	+6	W	4	o	3	0.12	47	41				
	The Scaw (Skagen) ...	29.93	44	WNW	3	r	29.63	0.00	50	+6	WNW	7	o	2	0.12	50	43				
	Blaavands Huk ...	30.07	47	WSW	2	o	29.94	+0.01	50	+4	NW	3	m	3	0.08	48	43				
	Cuxhaven ...	30.18	45	W	2	o	29.99	-0.01	50	+5	W	4	o	1	0.08	50	45				
	Berlin ...	30.16	43	W	4	b	29.92	-0.11	42	+1	S	2	o	2	0.39	46	41				
SPAIN, PORTUGAL, &c.	Frankfurt ...	30.37	45	SW	2	o	30.23	-0.03	43	-3	SW	2	r	2	0.04	48	43				
	Munich ...	30.38	37	W	5	o	30.25	-0.04	38	-1	W	5	r	2	0.35	41	37				
	The Helder ...	30.26	49	SW	3	c	30.21	+0.01	52	+2	WNW	3	o	3	0.01	52	48				
	Brussels ...	30.36	43	SW	1	b	30.32	+0.01	50	+8	ENE	1	r	2	0.01	50	42				
	C. Gris Nez ...	30.37	50	W	5	o	30.36	0.00	52	+5	WNW	4	o	3	0.01	52	47				
	La Hève ...	30.46	53	W	4	o	30.39	0.00	50	+1	WNW	4	m	3	0.01	54	46				
	Ushant ...	30.54	54	NW	3	m	30.54	0.00	54	+2	N	2	m	3	0.01	54	46				
	Brest (St. Mathieu) ...	30.57	54	NW	3	m	30.58	+0.01	52	-1	WNW	3	o	2	0.01	55	50				
	Lorient (Bec Melon) ...	30.51	53	NNE	3	bc	30.52	+0.03	50	-4	N	3	f	2	0.04	55	48				
	Rochefort (Ile d' Aix) ...	30.52	56	NNE	1	o	30.54	+0.01	54	0	WNW	2	r	4	0.28	56	54				
PORTUGAL, &c.	Biarritz ...	30.52	56	NNE	1	o	30.54	+0.01	54	0	WNW	2	r	4	0.28	56	54				
	Paris ...	30.44	50	W	1	o	30.40	0.00	52	+3	WNW	3	o	2	0.04	53	47				
	Belfort ...	30.45	42	WSW	4	f	30.43	0.00	39	-1	W	2	m	2	0.12	44	37				

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 27TH NOVEMBER.



7 A.M.

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



6 P.M.

GENERAL INFERENCE

WEATHER PROSPECTS.

The variations of pressure afford no indication of an important change in the general weather condition.

FORECASTS FOR THE 24 HOURS NOON FRIDAY

TO NOON SATURDAY.

0 { Wind between South-West and North-West, fresh to high at times; fair to dull, some rain; very mild.

1

2 { Westerly and North-Westerly breezes, fresh or strong at times locally; fair to dull, slight passing showers; very mild.

3

Light to moderate Westerly and

4 { North-Westerly breezes; fair or fine to dull, slight local passing showers.

5 misty in places; very 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.

Cones hoisted at 1.55 p.m. yesterday.

6 { Same as Nos. 0 and 1.

7 { Same as No. 2.

8 { Same as Nos. 3 to 5.

9 { Same as No. 2.

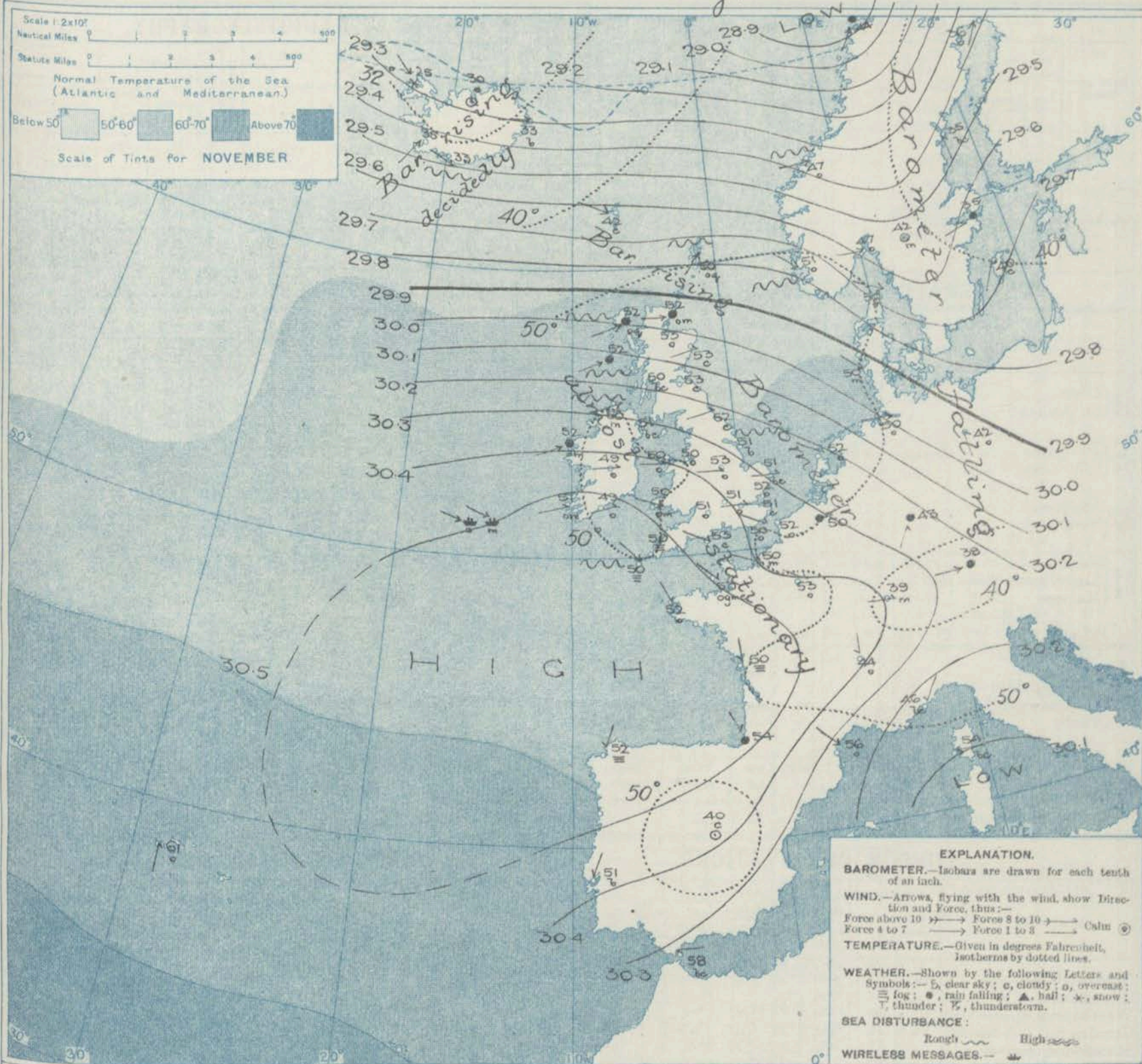
10 { Light South-Westerly to Westerly breezes, freshening later; fair to dull, some showers and mist; mild.

11 WESTERN CHANNEL AND BAY.

Light to moderate Westerly to Northerly breezes; sea slight or moderate; fair to dull, some showers; mist or fog; mild.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Friday, 28th NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30½ in. in an anticyclone centred beyond our southwestern coasts, and it is below 28¾ in. in a depression centred between the Arctic Circle and Spitzbergen. The gradient is rather steep over the more northern regions, moderate to slight in the south.

The wind is drawing S.W. on the Bay and across southern France, and over the rest of our area the current is between S.W. and W. The

force varies from a light breeze to a strong or high wind, a gale at Vardø. Temperature is much above the normal. At the home stations it ranges from 40° to 53°; on the Continent, from 34° at Vardø to 58° at Gibraltar; and in Iceland from 25° to 35°. At Spitzbergen the reading is 26°. Cloudy to overcast skies prevail extensively. Showers are falling in isolated situations, snow in the north-west of Iceland, and the atmosphere is foggy about the western end of the channel, and locally on the Bay.

DAILY WEATHER REPORT.

Friday, 28th November, 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.	
28th, 7 a.m.	51	15	New York	O	30.49	-0.09	WNW	6-7	O	27th, 6 p.m.	51	10	Tunisier	O	30.53	+0.15	W	6-7	f
27th, 6 p.m.	51	14	Tunisier	O	30.49	+0.01	WNW	6-7	m.	-	49	7	Vaderland	H	30.56	-0.03	W	1-3	f
	50	16	Corinthian	H	30.59	+0.14	SW	4-5	c	-	54	18	Grambiar	H	30.15	-0.02	SW	4-5	m
	55	13	Grambiar	H	30.21	+0.04	WSW	4-5	m	-	51	14	Gedric	H	?	+0.03	W	4-5	c

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.		
Scot- land.	(Oban ... St. Andrews ...)	In. 0.53	F. 53	F. 46	a.d.r.	bc.o	0.0	(Margate ... Ramsgate ... Folkestone ... Hythe ... Littlestone ... Hastings ... Bexhill-on-Sea ... Eastbourne ... Seaford ... Brighton ... Worthing ... Littlehampton ... Southsea ... Ryde ... Ventnor ... Bournemouth ...)	In. 0.01	F. 48	F. 41	o	od	0.0
Eng. N.E.	(Harrogate ... Scarborough ...)	0.02	52	42	o	o	0.0	(Weymouth ... Exmouth ... Teignmouth ... Torquay ... Paignton ... Falmouth ... Bude ... Ilfracombe ... Weston-super-Mare ...)	47	37	o	o	0.1	
Eng. N.W.	(Blackpool ... Southport ...)	0.01	53	47	o.c.o	o.c.o	0.3	(Weymouth ... Exmouth ... Teignmouth ... Torquay ... Paignton ... Falmouth ... Bude ... Ilfracombe ... Weston-super-Mare ...)	53	41	o	o	0.0	
Mid- lands.	(Buxton ... Leamington Spa ... Malvern ...)	0.01	52	40	bc.o.	bc.r	0.3	(Weymouth ... Exmouth ... Teignmouth ... Torquay ... Paignton ... Falmouth ... Bude ... Ilfracombe ... Weston-super-Mare ...)	52	40	bc.o	o.bc	0.0	
Wales.	(Rhyl ... Colwyn Bay ... Llandudno ... Bettws-y-Coed ... Aberystwyth ... Tenby ...)	-	60	43	c	o	0.4	(Weymouth ... Exmouth ... Teignmouth ... Torquay ... Paignton ... Falmouth ... Bude ... Ilfracombe ... Weston-super-Mare ...)	51	36	o	o	0.0	
England, E.	(Lowestoft ... Felixstowe ... Walton-on-Naze ... Southend-on-Sea ...)	0.01	47	40	or.o	o.c.	0.0	(Weymouth ... Exmouth ... Teignmouth ... Torquay ... Paignton ... Falmouth ... Bude ... Ilfracombe ... Weston-super-Mare ...)	51	38	pm	m.o	0.0	
England, E.	(Lowestoft ... Felixstowe ... Walton-on-Naze ... Southend-on-Sea ...)	0.01	48	40	m.op	m.o.	0.0	(Weymouth ... Exmouth ... Teignmouth ... Torquay ... Paignton ... Falmouth ... Bude ... Ilfracombe ... Weston-super-Mare ...)	52	38	bc	bc	0.0	
England, E.	(Lowestoft ... Felixstowe ... Walton-on-Naze ... Southend-on-Sea ...)	0.01	47	39	odm.om	om	0.0	(Weymouth ... Exmouth ... Teignmouth ... Torquay ... Paignton ... Falmouth ... Bude ... Ilfracombe ... Weston-super-Mare ...)	52	38	bc	bc	0.0	
England, E.	(Lowestoft ... Felixstowe ... Walton-on-Naze ... Southend-on-Sea ...)	0.01	48	37	o	o	0.0	(Weymouth ... Exmouth ... Teignmouth ... Torquay ... Paignton ... Falmouth ... Bude ... Ilfracombe ... Weston-super-Mare ...)	53	43	cd	df	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.		Fore- noon.	After- noon.	Night.			In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.			
				Max.	Min.		Max.											Min.		
				24 HOURS ENDED 9 A.M. TO DAY.																
	%	%	Hr.	F.	F.	F.	In.					In.	F.	F.	F.				Hr.	
Greenwich (Royal Obs.) ...	86	91	0.0	53	41	41	-	0	0.c.	0	Dublin to 4 p.m.	-	55	44	41	bcp	bc.o	o.c.g	*	
City (Bunhill Row) ...	*	*	0.0	*	*	*	*	0	*	*	Plymouth to 9 p.m.	-	54	39	30	c.bw	c.b	0	0.0	
Westminster (St. James's Pk.)	87	94	0.0	53	41	42	-	0	0	0	Darwen	0.05	51	42	38	c.b.or	or	ou	0.0	
Camden Sq. (Brit. Rainfall)	86	93	0.0	53	41	43	-	0m.0	0.c.	0.bm.	Manchester	0.01	54	44	*	0	om	om.0	0.0	
Hampstead (Reservoir) ...	*	92	0.0	51	39	36	-	0em	0em	0.bem	Birmingham	-	57	40	34	*	0.c.	e	2.0	
Richmond Park ...	*	*	0.0								Oxford to 8 p.m.	*	54	39	32	bm.0	0.e	c.0	*	
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																
				Total.		Average Rate.		Max. Rate.			S. Kensington		52	39	28	bbcc	o.093	0.93w	*	
S. Kensington (Roof of M.O.)	84	86	0.0	93 Joules.		3.1 Milliwatts.		10.0 Milliwatts.			(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

28th & 29th Nov., 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 7.38	G.M.T. 11.41	G.M.T. 3.44
Greenwich ...	7.39	11.41	3.43
Wick ...	7.41	11.48	3.55
Valencia ...	7.42	11.48	3.54
	8.33	12.0	3.27
	8.35	12.0	3.26
	8.24	12.29	4.34
	8.25	12.29	4.33

Temperature was high over the British, at Colwyn Bay and Rhyl it touched 60°. In Shetland $\frac{1}{2}$ in. of rain fell, elsewhere the amounts were very small. Southern Devon had from 5 to 5½ hours of bright sunshine, most other localities returning none or less than hour. A westerly gale was felt locally on our northern coasts. As far west as the 20th meridian ships experienced light to strong westerly to south-westerly breezes, cloudy weather, local mist or fog.

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

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

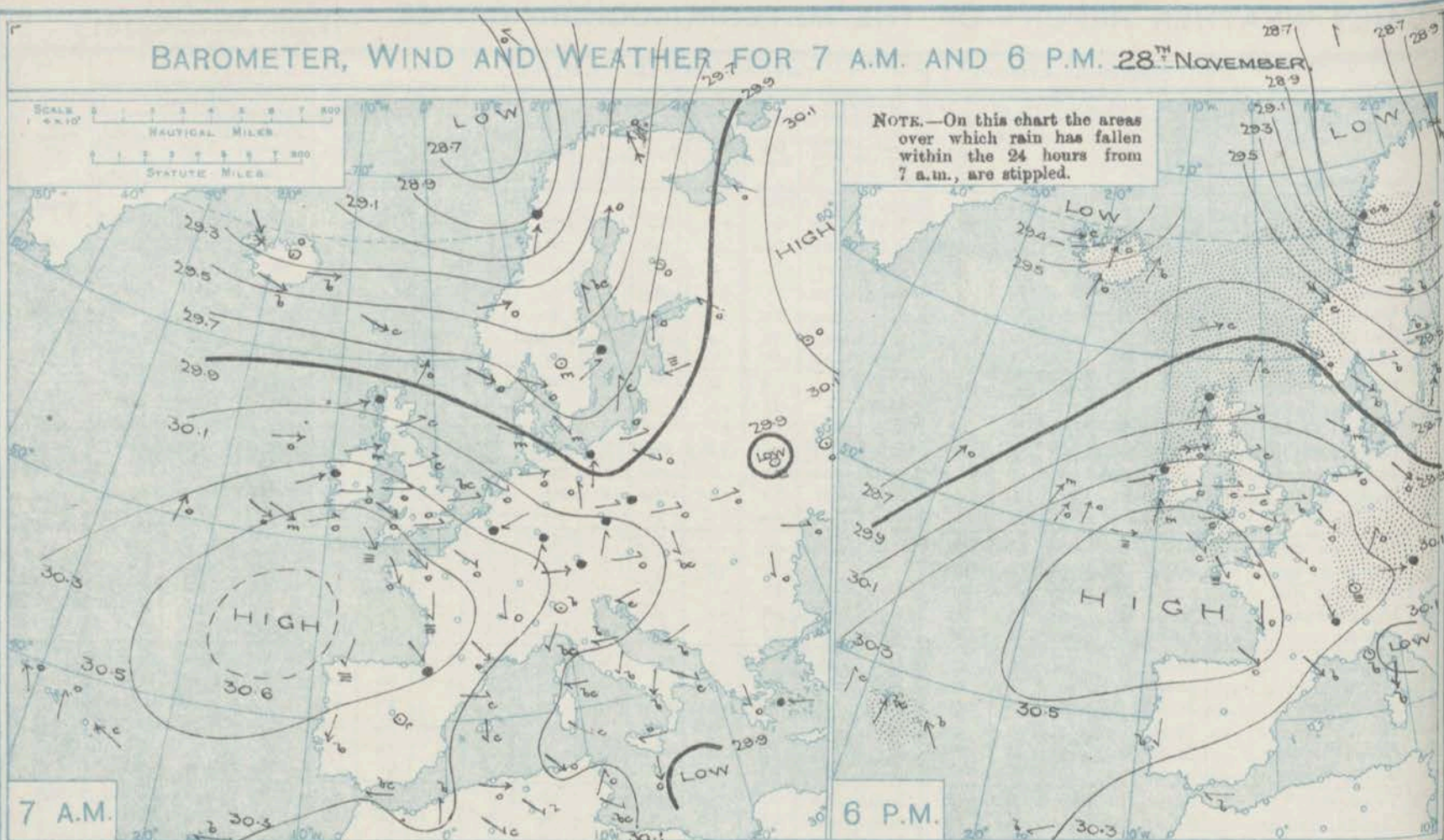
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday
29th November 1913.

1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain fall.	TEMP.		WEATHER.					
		At 32° F. and M.S.L. Lat. 46°	Dry Bulb.	Force (0 to 12).	Weather		At 32° F. 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.	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 ...	In.	F.	SW	1	c	In.	In.	F.	SW	4	on	4	In.	F.	F.	bc.cq	cgc	bc.ond	Hours.		
	Stornoway ...	29.94	44.4	SW	1	c	29.65	-0.8	51	+1	SW	4	on	4	0.08	51	43	bc.cq	cgc	bc.ond	0.0	
	Castlebay (Barra Isd.)	30.01	51	SW	4	adm	29.83	-0.5	52	0	SW	7	odq	6	0.46	52	47	odm	odm	odq	0.0	
	Glasgow ...	30.09	52	SW	5	d	29.8	-0.2	52	0	WSW	6	o	6	0.04	52	50	d	d	d.o	0.0	
	Malin Head...	30.22	50	SW	4	o	30.13	0.0	51	+1	WSW	4	o	0	0.01	51	49	odg	odp	odpg	0.0	
	Blackrod Point	30.22	50	WSW	8	o	30.10	0.0	51	+1	WSW	8	o	7	0.01	53	49	omq	omp	og	0.0	
	Valencia ...	30.34	51	WSW	4	odm	30.23	-0.1	52	0	WSW	5	ompq	4	0.06	53	50	cmpd	cmpd	ompq	0.0	
		30.51	50	SSW	2	om	30.41	-0.2	51	0	SSW	3	om	4	0.02	52	50	omd.c	om.c	om	0.0	
	Roche's Point ...	30.51	50	SW	2	c	30.44	0.0	49	0	WSW	3	o	3	0.04	54	48	b.bc	bc.c	c.om	0.0	
	Birr Castle ...	30.43	51	WSW	1	o	30.33	0.0	51	+2	SW	1	o	0	0.04	53	48	c	cog	o	0.0	
	Donaghadee ...	30.31	50	NW	2	bc	30.20	-0.2	52	+1	W	3	c	3	0.04	53	49	c	bc	c.bc	0.0	
	Liverpool Obsy...	30.40	50	W	3	o	30.34	0.0	48	-2	SW	2	b	2	0.04	51	46	og	op	bc	0.0	
	Holyhead ...	30.45	51	W	1	c	30.38	-0.2	50	0	WSW	3	bcem	2	0.04	53	50	om	a.c.bc	bee.b	0.1	
	Pembroke (St. Ann's Hd.)	30.44	51	W	6	c	30.44	0.0	50	0	WSW	3	of	3	0.04	53	45	of.c	c	c.of	0.0	
	Newquay ...	30.53	49	N	2	o	30.49	0.0	49	-1	W	2	ofe	3	0.02	50	49	of	of.o	of	0.0	
ICELAND, FAEROE, &c.	Scilly (St. Mary's)	30.54	50	NW	3	em	30.50	-0.2	49	-1	WNW	3	fe	3	0.02	52	47	f	f.cm	fe	1.4	
	Jersey (St. Aubin)	30.53	53	WNW	2	ogme	30.53	0.0	51	-2	W	2	oe	1	0.04	56	50	a.cmg	ogme	oe	0.3	
	Portland Bill	30.47	53	NW	5	b	30.44	-0.1	52	-1	W	3	b	2	0.04	56	48	c.bc	bc	bc.bw	0.0	
	Dungeness ...	30.41	51	NW	2	bz	30.43	0.0	47	-3	W	3	b	3	0.04	54	43	c.bz	bz	bcz	0.0	
	Dover ...	30.38	51	NW	3	o	30.40	0.0	42	-9	SW	2	bmw	3	0.01	58	41	c.bc	bc.c	abcw	5.3	
	Wick ...	30.05	44	W	1	o	29.80	-0.6	52	0	W	6	cq	4	0.14	52	44	ampd	omd	omd.cq	0.0	
	Nairn ...	30.05	53	W	1	o	29.88	0.0	54	+1	W	2	cq	2	0.01	54	50	ce	g.og	op.o	0.0	
	Aberdeen ...	30.07	53	WSW	2	o	29.94	-0.4	51	-2	SSW	4	bc	2	0.04	57	50	c	c.o	o.c.	0.0	
	Leith ...	30.18	53	WSW	4	o	30.09	-0.2	53	0	SW	3	o	0	0.04	54	50	c	bc.c	od	0.0	
	North Shields	30.26	50	WSW	4	o	30.17	-0.1	52	0	WSW	3	c	2	0.04	54	45	c	c	c.o.c.	0.0	
	Spurn Head ...	30.20	49	W	5	bc	30.26	0.0	47	-4	WSW	5	bcq	4	0.04	51	45	bc	bcq	bc	2.8	
	Yarmouth ...	30.34	51	W	3	b	30.33	0.0	42	-9	W	2	bm	1	0.04	55	40	bcm	bcm	bcm	5.8	
	Clacton-on-Sea	30.37	50	W	2	bc	30.39	-0.1	42	-10	WSW	2	bc	2	0.04	56	42	a.c.bcb	cbcm	bcm.bc	5.7	
	Nottingham...	30.41	51	W	3	c	30.36	0.0	47	-6	WSW	3	c	0	0.04	54	44	a.c.m	c.o	c.o.	0.0	
	Bath ...	30.48	50	W	2	b	30.46	0.0	50	-1	W	2	o	0	0.04	56	46	o	abc.c	b.be.c	0.8	
London (Kew Obsy.)	30.43	52	WNW	1	c	30.42	0.0	43	-8	W	2	fw	0	0.04	55	42	a.c.bcz	bz.ccm	etcb.fw	5.6		
SCANDINAVIA.	Spitzbergen ...	28.73	?	S	?	?	28.70	0.0	23	-3	S	4	o	0	0.04	28	23					
	Isafjord...	29.33	28	W	6	c	28.94	-1.9	25	0	W	2	c	0	0.04	28	23					
	Reykjavik ...	29.55	33	WSW	3	c	28.97	-0.6	30	-5	SW	7	s	0	0.04	28	23					
	Vestmanna ...	29.59	33	SW	1	o	28.95	+0.7	30	-3	WSW	8	s	4	0.04	28	23					
	Seydisfjord ...	29.52	33	SW	5	b	28.81	-1.40	33	0	NNE	5	s	0	0.04	28	23					
	Thorshavn ...	29.83	44	WSW	6	c	29.39	-1.7	48	+6	SW	5	r	0	0.04	28	23					
	Haparanda ...	28.84	37	SW	6	o	28.81	-0.1	36	0	WSW	6	c	0	0.24	?	30					
	Hernösand ...	29.28	40	WNW	4	b	29.43	+1.1	37	+2	W	2	b	0	0.04	43	34					
	Stockholm ...	29.47	40	W	2	b	29.70	+0.2	38	+3	W	6	b	0	0.04	41	35					
	Wisby ...	29.53	45	SW	4	b	29.84	+0.6	43	+3	NW	6	b	0	0.08	46	39					
	Karlstad ...	29.65	43	W	2	b	29.82	+0.2	40	-2	W	2	b	0	0.04	45	30					
	Vardö ...	28.94	31	S	10	s	28.77	-1.02	31	-3	SSW	6	o	5	0.04	34	30					
	Bödö ...	28.67	38	SW	9	r	28.86	+1.2	40	-4	W	8	f	6	0.75	44	34					
	Christiansund	29.59	42	NW	10	c	29.66	0.0	44	-3	WNW	6	o	6	0.39	45	39					
	Skudesnaes ..	30.02	46	NW	4	o	29.92	-0.3	44	-7	S	4	o	4	0.04	51	41					
Færder (X'tania Fjord)	29.71	48	WNW	4	b	29.86	-0.2	43	-4	SW	5	b	3	0.04	48	43						
The Scaw (Skagen)...	29.83	48	NW	7	b	29.94	-0.2	46	-4	WNW	6	b	2	0.04	50	41						
Blaavands Huk ...	30.07	48	NW	4	m	30.10	-0.2	49	-1	WNW	2	m	1	0.04	50	46						
GERMANY, &c.	Cuxhaven ...	30.11	50	W	4	o	30.18	0.0	49	-1	W	4	o	0	0.04	52	48					
	Berlin ...	29.93	54	NW	5	o	30.20	+0.9	47	+5	W	3	o	0	0.20	54	42					
	Frankfurt ...	30.26	54	SW	1	o	30.39	+0.3	50	+7	SW	2	o	0	0.04	54	43					
	Munich ...	30.28	43	W	7	r	30.41	+0.2	44	+6	W	5	r	0	0.35	45	37					
	The Helder ...	30.32	51	WNW	4	bc	30.31	0.0	50	-2	WSW	3	o	3	0.04	52	50					
	Brussels ...	30.39	51	NW	2	o	30.43	+0.2	48	-2	WSW	1	o	0	0.04	52	48					
	C. Gris Nez...	30.39	53	SW	2	m	30.42	0.0	49	-3	WSW	4	bc	3	0.04	55	48					
	La Hève ...	30.50	52	WNW	4	o	30.49	0.0	50	0	WSW	4	o	4	0.04	54	48					
	Ushant...	30.58	52	N	3	m	30.58	0.0	51	-3	0	0	m	5	0.04	54	46					
	Brest (St. Mathieu)...	30.58	51	NNW	3	f	30.57	0.0	48	-4	WNW	1	o	2	0.04	57	48					
	Lorient (Bec Melon)...	30.55	55	N	3	o	30.53	+0.2	50	0	NNE	3	o	3	0.04	63	45					
	Rochefort (Ile d'Aix)	30.51	52	N	3	o	30.53	+0														

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 28TH NOVEMBER.



GENERAL INFERENCE

A deep depression moving eastward beyond the Arctic Circle will maintain windy

WEATHER PROSPECTS.

conditions over our northern districts. A secondary indicated off Ireland will occasion some rain in the south.

FORECASTS FOR THE 24 HOURS NOON SATURDAY

TO NOON SUNDAY.

- 0 {
a South-Westerly and Westerly winds,
b fresh to strong, a gale at times locally;
1 squally, fine to dull, some rain and
mist; mild
2 {
a Westerly and South-Westerly breezes,
b
3 freshening somewhat later; fine to
4 {
a dull, local mist or fog, some rain
b later; mild.
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 7 p.m. yesterday.

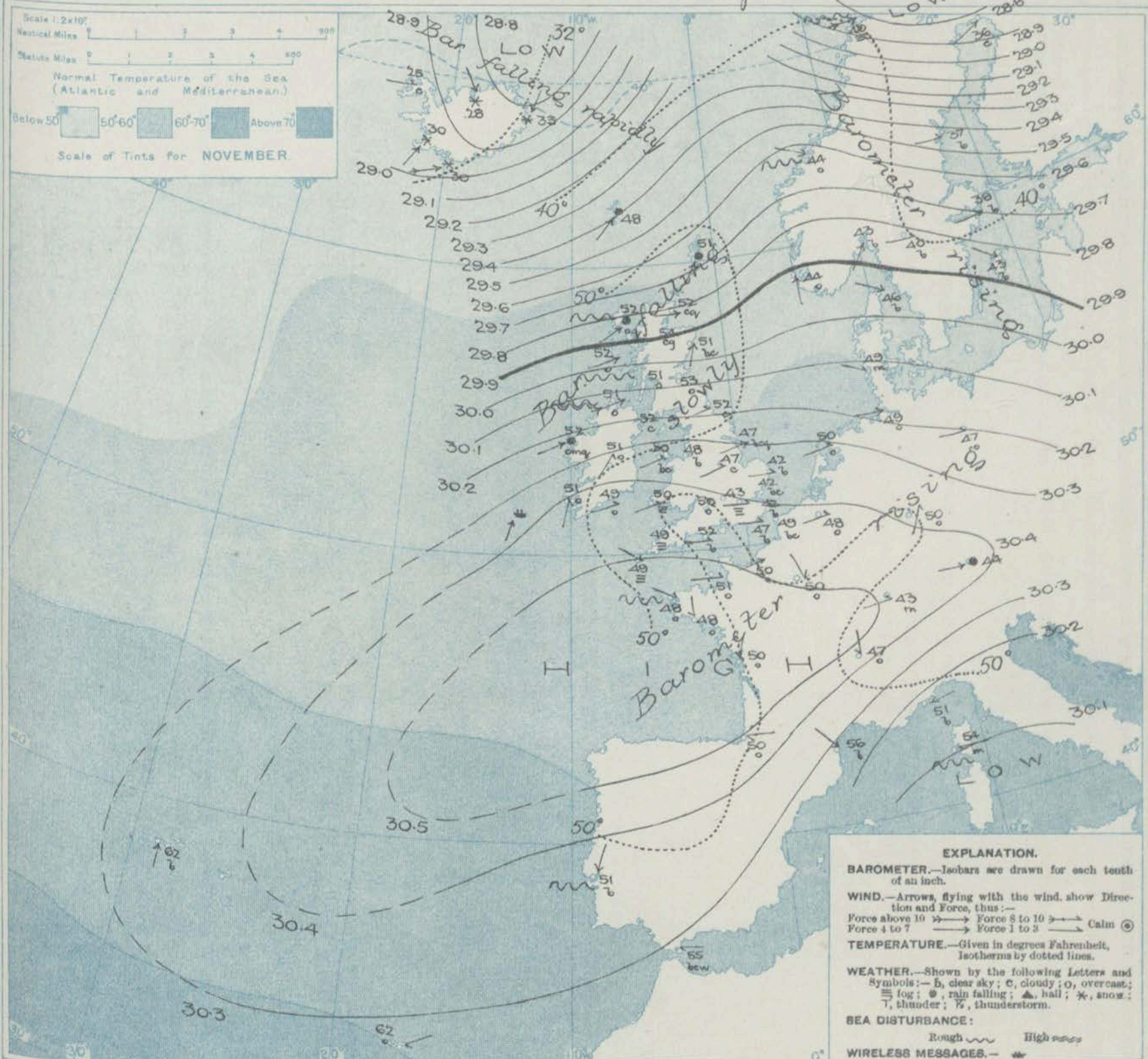
- 6 {
a Same as Nos. 0 & 1.
b
7 {
a Same as Nos. 2 to 5.
b
8 {
a
b
9 {
a Same as Nos. 0 & 1.
b
10 {
a Southerly to Westerly breezes,
b freshening; fair to dull, some mist and
rain; mild.

11 WESTERN CHANNEL AND BAY.

Westerly and South-Westerly breezes, freshening; sea smooth to moderate; fine to dull, some rain, mist or fog; mild.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Saturday, 29th NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An area of high pressure extends from central Europe westward far out across the Atlantic, the barometer being above 30½ in. over the Bay of Biscay region. In two Arctic depressions the barometer is at 28¾ in. off the northeast of Iceland and over Lapland. The gradient is very steep over the northern regions, slight in the south.

Winds from some W. point prevail over nearly the whole of our area, strong to a gale locally in the northern regions, mostly light in

the south. Over the British Isles temperature ranges from 42° at Dover, Clacton and Yarmouth to 54° at Nairn; on the Continent from 31° at Vardø to 56° at Perpignan; and in Iceland from 25° to 33°. The weather is in a variable state at home and abroad, from cloudless to overcast, rain at a few stations, snow over Iceland, mist or fog in places. A rough sea is running off the Hebrides, a high sea off Donegal.

DAILY WEATHER REPORT.

Saturday, 24th November, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- H H = Homeward	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- H 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.	
29th, 7 a.m.	51	12	Laurence	H	30.37	-12	SSW	4-5	?	28th, 6 p.m.	50	13	Quisima	O	30.53	+01	W	4-5	f
	55	8	Bartholomew	H	30.14	+02	SW	6-7	0		55	12	Bartholomew	H	30.12	+02	SW	6-7	0
28th, 6 p.m.	53	24	California	H	29.70	00	SW	4-5	0	1 p.m.	49	10	Bartholomew	H	30.55	00	WSW	1-3	0
	51	19	Laurence	O	30.37	-03	SSW	6-7	m	7 a.m.	51	23	Laurence	H	30.31	+05	SSW	4-5	0
	51	19	New York	O	30.38	00	SW	6-7	0		55	15	Bartholomew	H	30.14	+03	W	4-5	0
	51	17	Laurence	H	30.49	+03	SSW	4-5	0										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scot- land.	{ Oban ...	0.01	53	50	p.c.	b.c.p.	0.0	{ Margate ...	55	44	b.c.b.	b.c.	3.2		
	{ St. Andrews ...	-	51	50	"	"	3.5		{ Ramsgate ...	48	39	"	"	4.0	
Eng. N.E.	{ Harrogate ...	-	50	49	b.c.p.	c.b.c.p.	2.7	{ Folkestone ...	59	44	"	"	5.0		
	{ Scarborough ...	-	55	49	c.b.	c.b.	7.0	{ Hythe ...	-	-	-	-	-		
Eng. N.W.	{ Blackpool ...	-	-	-	-	-	-	{ Littlestone ...	-	-	-	-	-		
	{ Southport ...	0.03	51	49	od.	od.o.	0.0		{ Hastings ...	57	49	"	"	5.4	
Mid- lands.	{ Buxton ...	0.06	51	45	cm.	cr.o.	0.0	{ Bexhill-on-Sea ...	58	50	c.b.c.b.	b.b.c.	5.5		
	{ Leamington Spa ...	-	54	43	c.b.	c.b.	2.2		{ Eastbourne ...	58	50	o.c.	b.b.c.o.	4.5	
Wales.	{ Malvern ...	-	54	48	b.c.	b.c.	1.0	{ Seafood ...	54	49	"	"	3.9		
	{ Rhyl ...	-	52	50	o	b.c.c.	0.6	{ Brighton ...	55	45	c.b.c.b.	b.b.c.c.o.	4.4		
England, E.	{ Colwyn Bay ...	-	54	50	p.b.c.	b.c.	0.0	{ Worthing ...	58	48	"	"	6.7		
	{ Llandudno ...	-	53	50	o	b.c.	0.0		{ Littlehampton ...	-	-	-	-	6.5	
England, W.	{ Bettws-y-Coed ...	-	51	50	o.c.o.	o	0.0	{ Southsea ...	55	47	o.c.	c.b.c.o.	4.8		
	{ Aberystwyth ...	-	54	48	o.c.	o	0.0	{ Ryde ...	55	52	b.c.	b.c.	4.0		
England, E.	{ Tenby ...	-	54	48	o.c.	o	0.0	{ Ventnor ...	53	49	"	"	5.8		
	{ Lowestoft ...	-	55	46	b	b.c.	5.6		{ Bournemouth ...	56	50	o.c.	o	2.1	
England, E.	{ Felixstowe ...	-	56	43	c.b.c.b.m.	b.b.c.c.p.	5.7	{ Weymouth ...	56	51	c.p.b.c.	b.c.	2.5		
	{ Walton-on-Naze ...	-	56	42	b.g.b.m.	b.m.c.b.	5.8		{ Exmouth ...	-	-	-	-	-	
England, E.	{ Southend-on-Sea ...	-	59	40	b	b	5.6	{ Teignmouth ...	60	52	b.c.	b.c.	5.3		
									{ Torquay ...	59	49	b.	b.c.c.	4.7	
England, E.								{ Paignton ...	58	43	m.b.	b.b.c.	5.4		
									{ Falmouth ...	52	49	om.	o	0.4	
England, E.								{ Bude ...	53	50	ohd.	d.o.e.	0.0		
									{ Ilfracombe ...	53	50	od.	d.o.	0.0	
England, E.								{ Weston-super-Mare ...	53	49	om.	c	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.		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.	b.b	b.b.c	c.o.b.c	Dublin to 4 p.m.	In.	F.	F.	F.	Night.	Fore- noon.	After- noon.	Hr.		
City (Bunhill Row) ...	87	95	4.1	56	43	33	-	b.b	b.b.c	c.o.b.c	Plymouth to 9 p.m.	In.	53	49	48	o.c.	q.cd	o.cg	0.5		
Westminster (St. James's Pk.)	88	100	4.2	58	42	36	-	b	b	m.m	Darwen	0.13	50	47	45	o.d.	od	ou	0.0		
Camden Sq. (Brit. Rainfall)	87	100	5.2	57	42	36	-	b.m.b	b.c.o	b.c.f	Manchester	0.05	53	50	a	o.d	od	od.o	0.0		
Hampstead (Reservoir) ...	-	99	5.5	56	41	27	-	b	b	a.f.a.f	Birmingham	-	52	46	36	-	c	c	1.7		
Richmond Park	-	-	5.2								Oxford to 8 p.m.	-	53	44	33	o.c.b.	b.o.	o.b.m	-		
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.)	87	98	4.5	219 Joules.			7.4 Milliwatts.			17.5 Milliwatts.			S. Kensington (Museum Grounds to 6 p.m.)	-	56	50	42	o.c.b.c	b.c.b	c.g.b.c	-

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

STATIONS.	Sunrise, Noon, Sunset.		
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	7.39	11.41	3.43
Greenwich ...	7.42	11.48	3.54
Wick ...	8.35	12.1	3.25
Valencia ...	8.25	12.29	4.33

NOTES ON YESTERDAY'S WEATHER.

Yesterday was very mild over the United Kingdom, temperature exceeding 55° in many localities and at Teignmouth it touched 60°. Nearly ½ in. of rain fell at Stormway, little or none elsewhere. Many localities had no bright sunshine, others had very good records, up to 6¼ hours at Warrington, and 7 hours at Scarborough. As far west as the 30th meridian ships experienced moderate to strong Southerly to Westerly winds, and dull weather, mist or fog at times.

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

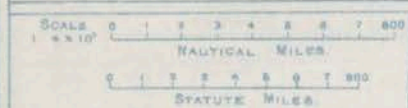
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

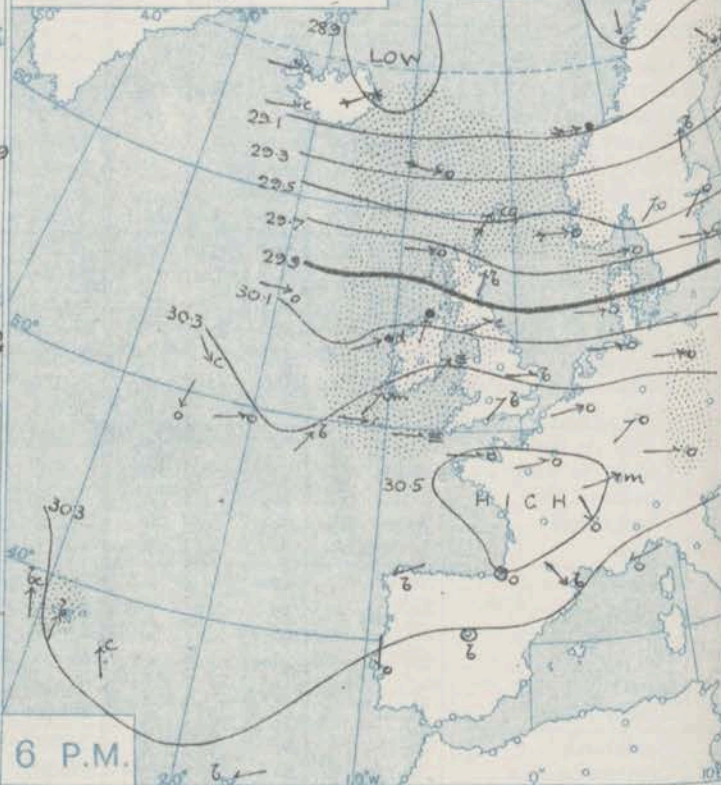
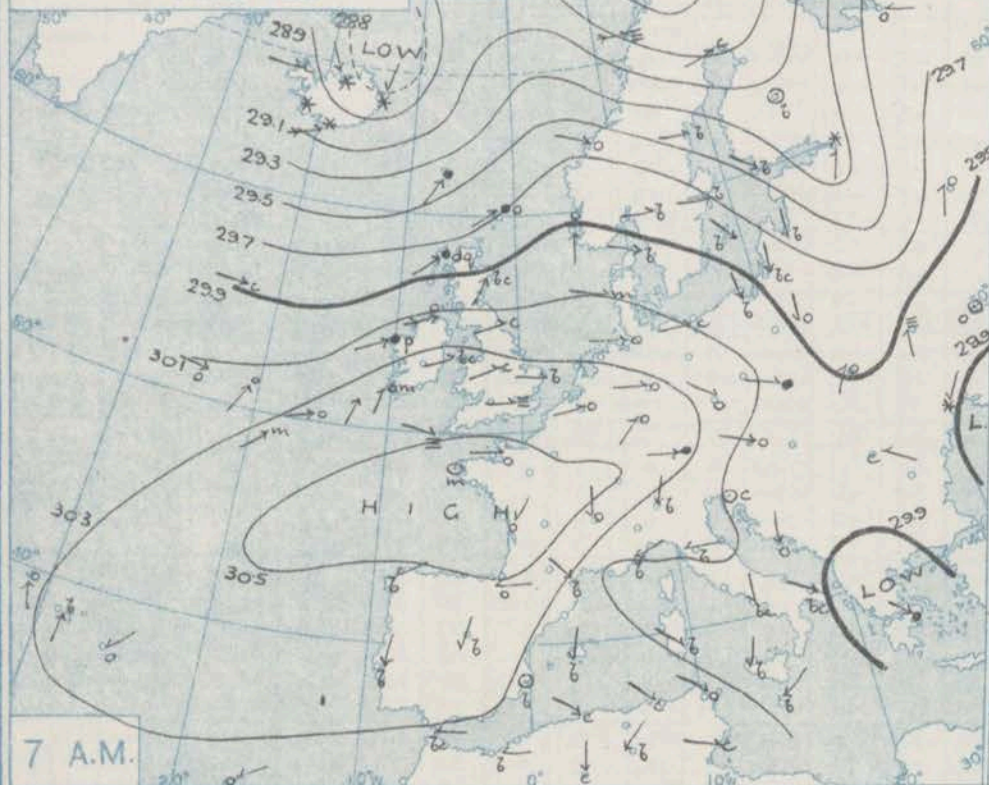
Starzday
30th November 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Vesies day.
		BAROM.		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.	Dirac.	Force (0 to 12).						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 ...	29.40	48	SW	8	c	29.58	+0.17	42	-9	WSW	8	cq	6	0.14	52	37	ormq	omd.cq	ephq	Hours			
	Stornoway ...	29.76	45	W	7	oq	29.90	+0.12	41	-11	WSW	6	bcpq	5	0.25	52	39	org	opq	bepq	0.0			
	Castlebay (Barra Isd.)	29.88	49	W	7	o	30.03	00	43	-9	W	5	op	6	0.01	52	42	od	od.r.o	a.bcp	0.0			
	Glasgow ...	29.96	50	WSW	6	odq	30.07	+0.11	42	-9	WNW	4	bcq	4	0.04	53	40	o.c	c.cdp	odp.b	1.1			
	Malin Head...	29.99	51	SSW	7	r	30.12	+0.11	45	-6	WNW	6	bc	4	0.08	53	45	og	rmq	bcnq	*			
	Blacksod Point	30.13	53	WSW	6	odq	30.26	+0.11	46	-6	WNW	3	cq	3	0.08	53	44	cmpdq	cmpdq	agd.cq	*			
	Valencia ...	30.35	52	SW	3	om	30.33	-0.01	52	+1	SW	3	adm	4	0.06	53	50	omd	omd	cmd	0.0			
	Roche's Point	30.37	52	SW	3	c	30.33	00	52	+3	WSW	2	o	3	0.01	53	49	om.c.o	m.c.o	odoe	*			
	Birr Castle ...	30.27	52	SW	2	c	30.28	00	46	-5	SW	1	o	3	0.03	53	45	om	o.c	op	0.0			
	Donaghadee ...	30.13	52	SW	3	c	30.20	+0.02	44	-8	W	3	bc	3	0.10	53	44	c	c	c.or.bc	*			
	Liverpool Obsy...	30.25	53	WSW	3	o	30.25	+0.03	47	-1	WNW	4	rq	4	0.01	55	47	c.b	bc	opq	5.2			
	Holyhead ...	30.30	53	SW	4	ofq	30.29	+0.03	49	-1	WNW	3	odm	2	Trace	53	49	o.c.f.e.o	of.c.of	c.b.odm	0.1			
	Pembroke (St. Ann's Hd.)	30.37	52	W	4	r	30.34	-0.01	52	+2	WSW	5	cq	5	0.04	53	50	of	of	od	0.0			
	Newquay ...	30.44	50	SW	1	o	30.40	00	51	+2	WSW	1	ome	3	0.06	51	46	of	c.of	of.or.o	0.1			
	ICELAND, FAEROE, &c.	Spitzbergen ...	28.51	26	ENE	4	o	28.42	-0.01	30	+7	ESE	1	o	2	-	30	23	GALES.					
Isafjord...		28.94	25	W	3	c	29.20	+0.26	22	-3	-	o	b	2	-	30	23	Duration and Extreme Force						
Reykjavik ...		29.07	28	W	3	c	29.24	-0.03	24	-6	SSE	3	b	2	-	30	23	in British Islands						
Vestmanna ...		29.08	24	W	1	c	29.27	-0.19	23	-7	W	6	b	4	-	30	23							
Seydisfjord ...		28.82	25	WSW	8	s	29.28	+0.46	24	-9	W	3	b	2	-	30	23							
Thorshavn ...		29.20	38	WNW	9	o	29.43	+0.23	34	-14	NW	4	s	2	-	30	23							
Haparanda ...		29.05	29	NW	4	b	29.53	-0.52	31	-5	SW	2	c	2	0.20	37	28	Lerwick						
Hernösand ...		29.27	37	S	4	b	29.89	-0.62	36	-1	NW	2	b	2	-	41	34	4pm-7am. SW.8. squalls 9at 2am						
Stockholm ...		29.19	40	SW	2	o	29.15	+0.03	46	+8	W	8	bc	2	-	50	37	Glasgow						
Wisby ...		29.65	44	WNW	4	c	29.37	-0.28	49	+6	W	8	bc	2	-	49	43	4pm-6pm. W. S.W. 8						
Karlstad ...		29.44	46	SW	2	o	29.31	+0.13	43	+3	W	6	b	2	0.04	50	37	10p.m-1am.)						
Vardö ...		28.82	35	-	o	b	28.69	-0.13	31	0	SE	4	c	3	-	36	28	Malin Head						
Bodö ...		28.87	35	N	4	o	28.38	-0.49	31	-9	WNW	4	bc	3	?	40	30	7am-2pm. W.S.W. 8.						
Christiansund		29.02	46	WSW	8	rl	28.86	+0.16	38	-6	W	10	h	7	0.71	46	37	Wick						
Skudenes...		29.56	51	W	8	o	29.63	00	45	+1	NW	9	c	7	0.47	52	44	9am-2pm. squalls W.S.W.8						
Færder (X'ania Fjord)	29.46	48	SSW	6	b	29.43	+0.01	44	+1	WSW	9	b	5	-	48	43	Nairn							
The Scaw (Skagen)...	29.65	50	W	7	o	29.58	+0.07	47	+1	WNW	9	bc	3	0.04	50	45	5pm-Mid. W. 8							
Blaavands Huk ...	29.93	50	W	5	o	29.89	+0.02	48	-1	WNW	5	o	4	Trace	50	46	Aberdeen							
GERMANY, &c.	Cuxhaven ...	30.11	49	W	5	o	30.04	00	50	+1	W	6	o	3	-	50	48	Noon Squall SW. 43mph (8)						
	Berlin ...	30.16	49	W	4	o	30.08	-0.01	52	+5	W	6	c	2	0.04	52	47	10pm " WNW 44mph (8)						
	Frankfurt ...	30.40	50	SW	2	o	30.37	+0.01	47	-3	SW	3	o	2	-	54	46							
	Munich ...	30.45	45	W	3	o	30.44	+0.01	42	-2	SW	4	bc	2	0.12	45	41							
	The Helder ...	30.24	51	SW	4	b	30.19	00	52	+2	SW	5	c	4	-	54	50							
	Brussels ...	30.38	50	WSW	3	o	30.37	+0.01	49	+1	W	3	r	2	?	53	48							
	FRANCE.	C. Gris Nez...	30.39	53	SW	5	bc	30.38	+0.02	53	+4	W	6	o	4	-	57	49						
		La Hève ...	30.49	51	SW	4	o	30.46	00	48	-2	WSW	5	o	4	-	52	45						
		Ushant...	30.50	50	S	2	o	30.50	00	52	+1	S	3	o	3	-	54	46						
		Brest (St. Mathieu)	30.53	49	SE	1	o	30.51	+0.02	49	+1	SW	2	o	3	-	52	48						
		Lorient (Bec Melen)...	30.47	48	SE	1	o	30.43	00	50	+2	W	2	o	5	-	59	45						
		Rochefort (Ile d' Aix)	30.51	50	NE	3	o	30.47	-0.01	45	-5	NE	3	m	2	-	50	45						
		Biarritz ...	30.50	51	-	o	o	30.45	-0.03	50	0	ENE	1	o	2	-	52	48						
		Paris ...	30.50	47	SW	2	b	30.48	+0.01	41	-9	SW	2	f	2	-	52	41						
		Belfort ...	30.49	45	WSW	4	m	30.52	00	39	-4	W	3	f	2	-	51	32						
Lyons ...		30.50	48	NW	1	o	30.54	00	44	-3	WNW	1	o	2	-	50	44							
Nice ...		30.22	57	ENE	2	b	30.35	+0.03	53	+2	-	o	b	o	-	66	48							
Perpignan ...		30.30	54	NW	5	b	30.40	+0.02	47	-9	SW	1	b	2	-	62	46							
Sanguinaire ...																								
SPAIN, PORTUGAL, &c.		Corunna (8 a.m.) ...	30.43	61	ENE	1	b	30.35	00	46	0	E	1	f	2	-	63	43						
		Lisbon (8 a.m.) ...	30.30	59	NNW	3	b	30.35	+0.02	50	-1	NNE	3	b	5	-	61	46						
	Gibraltar ...																							
	Azores (Horta, 8 a.m.)	30.32	*	S	4	b	30.34	00	62	0	S	4	o	4	0.04	66	61							
Madeira (Funchal) ...	30.27	60	ENE	2	b	30.28	+0.03	62	0	ENE	2	b	2	-	70	37								

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



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



GENERAL INFERENCE

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

0 { a
b

1

2 { a
b

3

4 { a
b

5

None Issued.

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

South Cone hoisted at 2.5 pm in 1, 2, 7, and re-hoisted at 7.5 pm in 0, 6 and 9.

6 { a
b

7 { a
b

8 { a
b

9 { a
b

10 { a
b

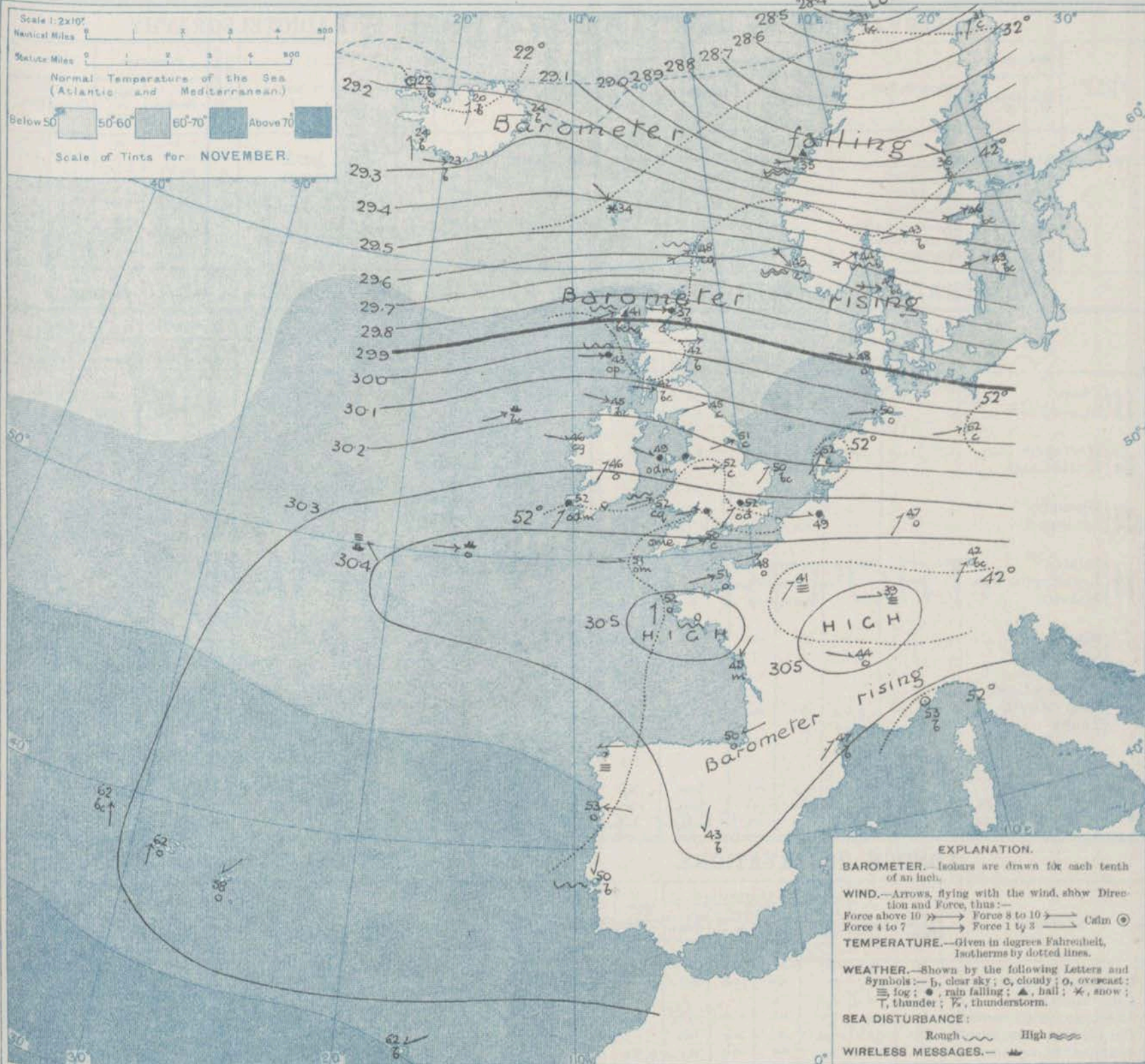
None Issued.

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. SUNDAY, 30TH

NOVEMBER 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large anticyclone, in which readings range between 30.30 in. and 30.55 in. still exists over the more southern parts of our area of observation. The centre of a deep depression, with minimum readings below 28.4 in. is passing eastwards between Finnmark and Spitzbergen, and over the northern parts of our Islands and the Continent the barometric gradient is steep.

Westerly or South-Westerly winds prevail over North-Western Europe generally and blow with the force of a fresh to strong gale in Shetland and over the entire Southern half of Scandinavia. In the west of France the wind is light

from the North-Eastward. Temperature has fallen considerably in the north, and over the United Kingdom the readings range from a trifle above 50° in the southern parts of England and Ireland to a little below 40° in Caithness. Slight frost prevails in the north of Scandinavia, and sharp frost in Iceland. The weather is fair or fine in the eastern parts of Great Britain and also in Iceland and Scandinavia. Elsewhere the sky is cloudy or overcast, with rain at several of our own western and southern stations, hail showers at Dornway and Christiansund and snow at Thorshavn. The sea is rough off the north of Scotland, and rather rough at Pembroke.

DAILY WEATHER REPORT.

Sunday, 30th November 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 6 p.m.	51	25	<i>Gunsian</i>	O	30.34	+0.4	NW	4-5	c	29th 7 a.m.	51	25	<i>New York</i>	O	30.16	+0.2	W	6-7	c
"	49	25	<i>Manitou</i>	H	30.38	+0.3	NNE	4-5	o	"	54	23	<i>California</i>	H	29.96	+0.6	W	4-5	c
"	49	20	<i>Ausonia</i>	O	30.27	-0.2	WSW	6-7	o	"	51	21	<i>Barbican</i>	O	30.13	-0.1	SW	6-7	m
"	55	19	<i>California</i>	H	30.14	+0.2	W	6-7	o	"	49	19	<i>Winnatanka</i>	H	30.39	+0.4	SW	6-7	o
"	49	15	<i>Winnatanka</i>	H	30.43	+0.1	SW	4-5	b	"	50	17	<i>Ausonia</i>	O	30.37	-0.1	WSW	4-5	o
"	50	11	<i>Winnatanka</i>	O	30.48	0.0	W	4-5	c	"	49	8	<i>Winnatanka</i>	O	30.50	+0.7	SW	4-5	f
"	51	7	<i>Laurentic</i>	H	30.46	-0.7	SW	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.	
Scot- land.	{ Oban	In. 0.28	F. 53	F. 50	C. br	+	0.0	{ Margate	-	In. 53	F. 40	b	b	6.2	
	{ St. Andrews	-	-	-	-	-	-		{ Ramsgate	-	55	40	"	"	7.0
Eng. N.E.	{ Harrogate	-	52	48	0	0	0.0	{ Folkestone	-	53	43	b	b	6.5	
	{ Scarborough	-	-	-	-	-	-	{ Hythe	-	-	-	-	-	-	
Eng. N.W.	{ Blackpool	-	-	-	-	-	-	{ Littlestone	-	-	-	-	-	6.0	
	{ Southport	-	-	-	-	-	-	{ Hastings	-	54	43	b.c.f.b.	b.	4.8	
Mid- lands.	{ Buxton	0.04	51	44	b	b	3.7	{ Bexhill-on-Sea	-	54	43	f.b.c.b.	b.	5.5	
	{ Leamington Spa	-	55	42	b	b	5.8	{ Eastbourne	-	52	44	b	b	6.5	
Wales.	{ Malvern	-	54	45	b	b	6.5	{ Seafood	-	53	41	m.b	c.b	2.7	
	{ Rhyl	-	56	42	c.b	b.c.c	4.1	{ Brighton	-	52	39	om.o.c	c.b.c.o	3.5	
England, S.E.	{ Colwyn Bay	-	-	-	-	-	-	{ Worthing	-	52	36	c.o.	b.b	3.0	
	{ Llandudno	-	-	-	-	-	-	{ Littlehampton	-	-	-	-	-	4.0	
England, S.W.	{ Bettws-y-Coed	0.02	53	49	o.c.o	o.or	0.3	{ Ryde	-	-	-	-	-	-	
	{ Aberystwyth	0.01	54	47	o.c	or.	0.0	{ Ventnor	-	-	-	-	-	-	
England, E.	{ Lowestoft	-	-	-	-	-	-	{ Bournemouth	-	57	42	f.b	b.o.	6.8	
	{ Felixstowe	0.01	55	41	b.m	b.f	7.0	{ Weymouth	-	55	43	z.e.b.	b.b	6.4	
England, S.W.	{ Walton-on-Naze	-	53	41	b.m	b.m	5.9	{ Exmouth	-	53	39	f.b	b	5.5	
	{ Southend-on-Sea	-	55	42	b.c.m.b.	b.b	4.0	{ Teignmouth	-	38	40	b	b	6.5	
England, S.W.	{ Bude	-	-	-	-	-	-	{ Paignton	-	55	38	b	b	6.1	
	{ Ilfracombe	0.03	52	49	o	od	0.0	{ Falmouth	-	51	43	om	om.f.	0.5	
England, S.W.	{ Weston-super-Mare	0.01	53	49	o	of.d.	0.1	{ Bude	0.03	52	49	o	od	0.0	
	{ Weston-super-Mare	-	-	-	-	-	-	{ Ilfracombe	0.01	53	49	o	of.d.	0.1	

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.																						
	%	%	Hr.	F. [°]	F. [°]	F. [°]	In.					In.	F. [°]	F. [°]	F. [°]				Hr.			
Greenwich (Royal Obs.) ...	79	90	5.1	57	46	42	-		o.c.b.	b	b.c.c.o	Dublin to 4 p.m.	-	55	49	48	o.c.b.	o.c	o.c	0.0		
City (Bunhill Row) ...	*	*	2.9	*	*	*	*	*	*	*	*	Plymouth to 9 p.m.	Trace	52	46	46	od	o	o	1.1		
Westminster (St. James's Pk.)	87	94	3.8	56	45	43	-		b.c.m	b.c.m	b.c.m.	Darwen "	0.02	52	47	46	odu	o.m.d.b.c.o	3.8			
Camden Sq. (Brit. Rainfall)	84	91	2.2	55	46	42	-		o.m.c	b.m	b.c.o.	Manchester "	-	57	44	*	o.c	c.b.c	b.c.b	6.7		
Hampstead (Reservoir) ...	"	94	2.7	54	44	41	0.01	oe	o	o.c	Birmingham "	-	55	41	36	*	b	b	*			
Richmond Park ...	"	*	5.2								Oxford to 8 p.m.	"	52	43	33	c.o.b	o	c.o.	*			
Kew. (See front page.)				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																		
				Total.		Average Rate.		Max. Rate.														
				253 Joules.		8.6 Milliwatts.		26 Milliwatts.														
S. Kensington (Roof of M.O.)	82	97	3.3											S. Kensington (Museum Grounds to 8 p.m.)	-	55	43	31	b.c.o.f	o.m.b	b.z	*

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.

ce.	WRA- THRR.
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on.	Sun- shine to 6 p.m.
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ADDITIONS AND CORRECTIONS

TO THE

DAILY WEATHER REPORT.

NOVEMBER, 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.				
At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Weather.	In.	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.	"	"	"	In.	In.	"	"	"	"	"	In.	"	"	"	"	"	"					
4th	Lisbon	30.22	61	WSW	3	c	30.26	+0.04	62	+5	SW	4	o	6	-	68	57	.	.	.	.
"	Funchal	30.28	61	NE	2	b	30.30	+0.02	64	-1	NE	2	b	2	-	72	59	.	.	.	.
6th	Berlin	29.71	48	S	3	o	29.53	-0.03	47	+6	S	1	o	.	0.08	52	41	.	.	.	.
"	Frankfurt	29.69	50	SW	1	z	29.73	+0.04	45	0	SW	2	z	.	0.24	54	43	.	.	.	.
"	Mench	29.77	52	SW	1	o	29.77	+0.03	45	+1	W	4	o	.	0.16	57	44	.	.	.	.
"	Corunna	30.09	55	NW	3	c	30.15	0.00	52	-5	SW	6	o	8	0.24	59	50	.	.	.	.
8th	Corunna	30.15	57	SW	3	o	29.95	-0.04	57	+10	SSE	6	o	3	0.08	61	47	.	.	.	.
9th	Lyons	30.02	50	SSW	1	o	30.05	.	45	+3	SW	1	bc	.	-	54	42	.	.	.	.
11th	Corunna	29.51	59	SW	2	bc	29.59	0.00	56	+1	S	3	r	3	0.16	63	54	.	.	.	.
"	Lisbon	29.77	59	SSW	4	r	29.81	+0.02	60	-1	SSW	4	o	6	0.16	66	57	.	.	.	.
"	Funchal	29.88	61	W	3	bc	29.87	+0.01	61	-2	W	3	r	3	0.24	68	59	.	.	.	.
12th	Blaauwvordstok	29.53	47	SE	4	r	29.56	0.00	49	+7	?	3	o	2	0.16	50	41	.	.	.	.
"	Rochefort	29.67	59	S	4	bc	29.63	+0.01	49	-6	SE	3	o	.	-	63	46	.	.	.	.
13th	Belfort	29.78	48	-	0	r	29.60	.	48	-1	WSW	5	o	.	1.89	50	45	.	.	.	.
"	Lyons	29.76	54	NNW	2	o	29.63	.	55	-9	W	2	bc	.	0.20	66	51	.	.	.	.
14th	Reykjavik	.	.	.	.	.	28.50	-0.03	35	+12	W	5	r	.	.	.	.	.	.	.	.
"	Vestmanna	.	.	.	.	.	28.43	+0.04	36	0	-	0	b	1	.	.	.	.	.	.	.
"	Lisbon	30.21	56	W	3	o	30.24	+0.04	59	+5	W	3	bc	5	-	61	54	.	.	.	.
15th	Reykjavik	28.60	32	W	7	S	28.66	+0.02	28	-7	-	0	c	.	.	.	.	.	.	.	.
"	Vestmanna	28.65	31	WNW	4	bc	28.69	-0.01	28	-8	NW	3	b	3	.	.	.	.	.	.	.
"	Lyons	29.83	47	S	2	o	29.96	.	47	+6	SW	2	r	.	-	52	41	.	.	.	.
17th	Stornoway	.	.	.	.	.	29.22	-0.04	53	+12	SW	8	opq	7	0.59	53	36	.	.	odq	0.0
"	Castlebay	.	.	.	.	.	29.36	-0.05	53	+5	WSW	7	op	6	0.10	54	48	.	.	op	0.0
"	Lisbon	30.44	56	NNW	4	b	30.45	+0.04	54	-2	N	4	o	5	-	64	54	.	.	.	.
18th	Lorient	?	57	W	4	o	?	.	57	+1	WSW	4	o	5	-	59	50	.	.	.	.
20th	Frankfurt	.	.	.	.	.	30.44	-0.02	34	-12	SW	1	m	.	-	52	34	.	.	.	.
22nd	Sanguinaine	30.37	59	SW	3	b	30.33	.	60	+3	E	3	c	2	-	66	50	.	.	.	.
"	Corunna	30.21	55	S	3	o	30.42	0.00	43	-11	NNE	1	b	3	0.28	59	39	.	.	.	.
25th	Frankfurt	.	.	.	.	.	30.24	+0.06	43	0	SW	1	o	.	0.08	46	43	.	.	.	.
"	Lorient	30.26	50	NW	4	o	30.32	.	54	+6	NW	4	o	4	0.04	55	48	.	.	.	.
"	Biarritz	30.08	55	SSW	7	c	30.43	+0.03	54	+6	NW	3	o	5	0.43	55	48	.	.	.	.
"	Lisbon	30.39	52	N	3	o	30.47	.	49	-4	N	4	b	5	-	57	48	.	.	.	.
26th	Isafjord	.	.	.	.	.	29.04	+0.13	27	-6	N	2	b	.	.	.	.	.	.	.	.
"	Reykjavik	.	.	.	.	.	29.08	+0.14	36	+3	SW	5	3	.	.	.	.	.	.	.	.
"	Vestmanna	.	.	.	.	.	29.12	+0.13	33	-2	NW	9	b	5	.	.	.	.	.	.	.
"	Snydjord	.	.	.	.	.	28.85	+0.15	35	-1	W	5	c	.	.	.	.	.	.	.	.
"	Tiershavn	.	.	.	.	.	29.04	+0.07	41	-2	WNW	7	c	.	.	.	.	.	.	.	.
"	Belfort	30.44	36	WSW	2	m	30.50	.	30	-6	W	2	f	.	?	42	27	.	.	.	.
"	Funchal	30.43	62	NE	3	b	30.41	+0.02	62	0	NE	3	c	3	-	72	62	.	.	.	.
27th	Corunna	30.58	55	NNE	1	f	30.62	0.00	55	+2	NNW	1	f	7	-	59	52	.	.	.	.
28th	Lorient	30.54	52	W	3	o	30.53	.	53	+3	-	0	b	4	-	57	48	.	.	.	.

GALES.

Duration and Extreme Force
in British Islands.

Additions.

1st Aberdeen 1 p.m.
Squall 39 mph (8).

3rd Falmouth 6 p.m.-8.40 p.m.
Extreme Sust 63 mph (10).

4th Aberdeen 3 p.m.
Squall 44 mph (8).

14th Holyhead 6 a.m.
Extreme W g.

17th Stornoway 7 a.m.
Extreme SW g.

20th Holyhead 11 p.m.-4 a.m.
Extreme SW g.
Sust 59 mph (10).

Corrections.

2nd Aberdeen 4 a.m.
Sust 40 mph (8).

3rd Malin Head 6 p.m.-7 a.m.
Extreme W g.

3rd Holyhead 8 p.m.
Extreme W g.

24th Larnock 7 a.m.-11 a.m.
Extreme SSE g at 21.

26th Glasgow 10 p.m.
Extreme W g.

WIRELESS TELEGRAMS.

ADDITIONS AND CORRECTIONS—NOVEMBER, 1913.

DATE OF REPORT.	DATE AND HOUR OF OBSERVATION.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE OF REPORT.	DATE AND HOUR OF OBSERVATION.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
		Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.				Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
		°	°			In.	In.		(0-12).								In.	In.		(0-12).	
ADDITIONS.											CORRECTIONS.										
3rd	2nd, 7am	49	23	Manicou	H	29.68	+13	NW	6	o	3rd	2nd, 6pm			Manicou		+14				
4th	3rd, 7am	50	19	Manicou	O	29.77	-12	SSW	7	c	"	"			Manicou					5	
											"	3rd, 7am			Royal George		29.82			3	
											"	"			Manicou			SSW	3		
											4th	" 6pm			Royal George		29.58				
											"	"			Philadelphia					7	bcp
											7th	6th, 6pm			Lake Michigan		29.31	-16	W	5	r
											8th	7th, 7am			Minneapolis			SSW	5		
											9th	8th, 7am					28.83	+01			
											"	" 6pm			Ascania					5	d
											10th	9th, 7am			Ausonia		29.10	+08			
											"	"			Kronland						
											11th	10th, 1pm	13		Ascania		+01				
											"	" 6pm	53		Haverford						
											13th	12th, 7am	17		Mount Royal		29.95	-01			
											14th	13th, "			Columbia						
											16th	15th, 6pm	55		Menominee					3	o
											17th	16th, 7am			Empress of Ireland		-06				
											20th	19th, "					29.80				
											21st	20th, 6pm			Royal George		30.09				
											22nd	21st, 7am					30.22				
											"	" 6pm					30.31				
											"	22nd, 7am									
											23rd	" 6pm								9	
											24th	23rd, 7am			Cameronia		-02	WSW	7		
											"	" 6pm									
											30th	29th, 7am			Minnetonka		+02			5	
											"	" 6pm									

BRITISH ISLANDS.

ICELAND, FAEROE, &c.

SCANDINAVIA.

GERMANY, &c.

FRANCE.

SPAIN, PORTUGAL, &c.