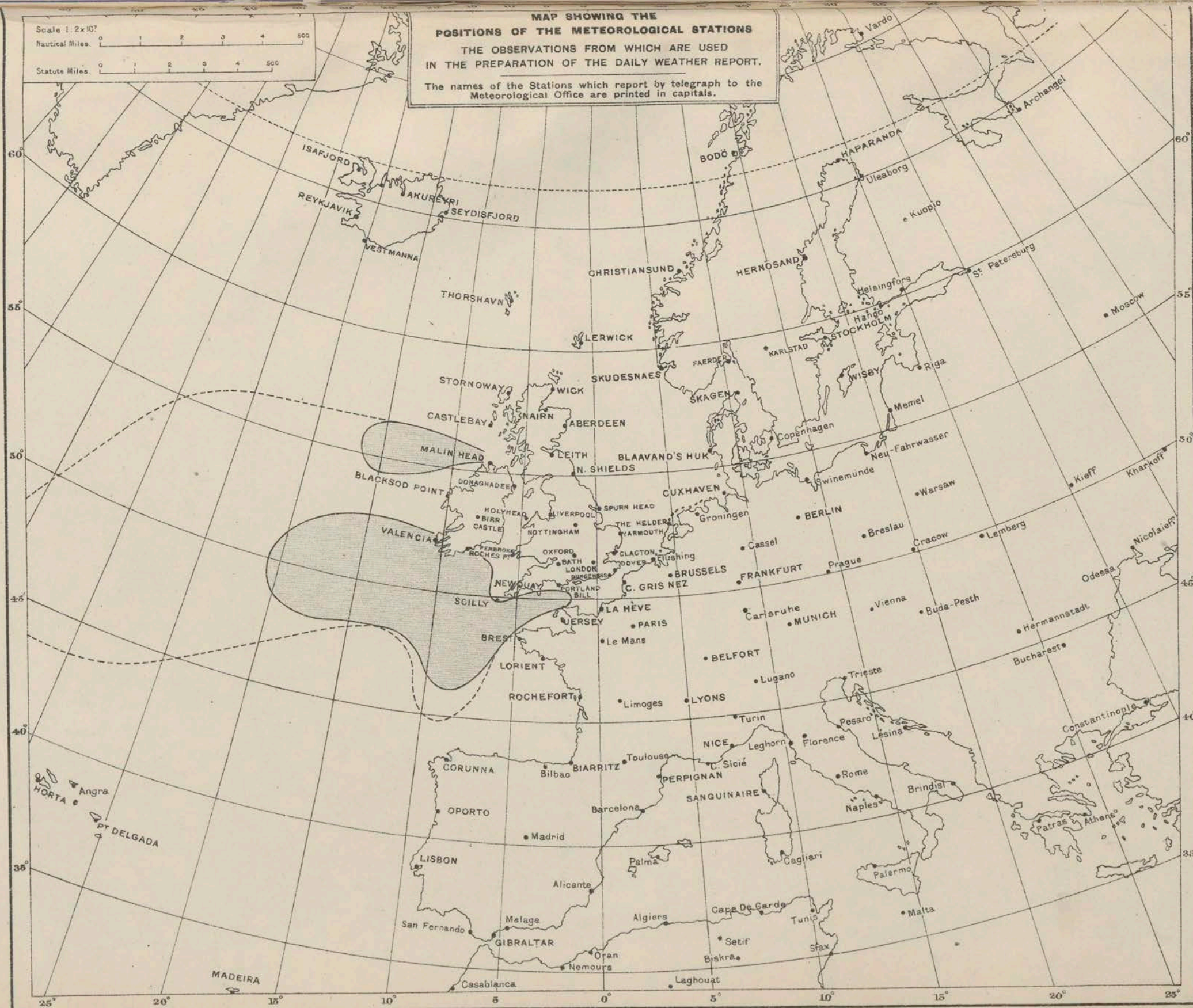


METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER 1912.



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.)

JULY.

AUGUST.

SEPTEMBER.

STATIONS.	PRESSURE. 1906-1910. 7 a.m. Observations (reduced to M.S. Level and to Lat. 45°).	AIR TEMPERATURE.								RAINFALL. 1876-1910. Days with Rain. Total Fall.		BRIGHT SUNSHINE. 1881-1910. Average Duration. Per Centage of Possible Duration	
		Means of				Absolute Extremes.							
		1906-1910.		1876-1910.		1876-1910.							
		Dry Bulb 7 a.m.	Wet Bulb 7 a.m.	Daily Maximum.	Daily Minimum.	Maximum.		Minimum.					
Temp.	Year.					Temp.	Year.						
Sumburgh Head.....	29°862	50°5	49°0	57°0	48°0	70	1897	37	1888	18	In.	Hr.	%
Stornoway.....	29°897	52°5	50°7	60°1	48°9	76	1894	32	1888	20	2°32	—	—
Castlebay (Barra Isd.)..	[29°874]†	[53°9]†	[51°9]†	[58°3]†	[51°3]†	[71]†	[1908]†	[47]†	[1910]†	[19]†	[2°65]†	[161]†	[31]†
Malin Head.....	29°903	54°1	53°1	60°6	52°4	[75]†	[1887]†	[42]†	[1888, 02]†	[19]†	[2°88]†	—	—
Blackod Point.....	29°955	56°3	54°5	62°3	53°4	[80]†	[1894]†	[42]†	[1898]†	[22]†	[3°14]†	—	—
Valencia.....	30°012	58°8	54°8	63°9	53°7	80	1878	40	1907	20	3°61	156	32
Roche's Point.....	30°014	56°5	54°9	65°2	53°8	84	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°69	[188]†	[37]†
Holyhead.....	29°969	56°7	54°9	63°3	53°6	85	1901	43	1888	16	2°71	—	—
Pembroke (St. Ann's Hd.)	29°993	55°6	54°4	62°3	54°7	80	1878	43	1910	15	2°47	209	42
Scilly (St. Mary's).....	30°146	57°6	55°5	64°7	56°4	75	1886, 01, 02	47	1910	16	2°24	218	45
Jersey (St. Aubin's).....	30°056	59°3	57°0	68°3	56°3	87	1900, 01	44	1907, 09	13	2°01	247	51
Portland Bill.....	30°010	57°5	55°8	64°7	55°9	[79]†	[1901]†	[49]†	[1900, 07]†	11	1°75	—	—
Dungeness.....	29°888	58°0	56°0	66°5	55°4	82	1900	40	1890	12	1°88	—	—
Dover.....	[29°963]†	[58°0]†	[55°7]†	[64°7]†	[52°8]†	[74]†	[1908]†	[46]†	[1908, 09, 10]†	[15]†	[2°61]†	[180]†	[37]†
Wick.....	29°885	52°2	50°3	61°1	48°4	81	1876	30	1886	18	2°66	—	—
Nairn.....	29°892	53°0	50°7	64°2	49°4	86	1876	36	1906	17	2°67	[135]†	[26]†
Aberdeen.....	29°909	54°5	51°9	63°1	50°3	86	1876	38	1888, 03	17	2°79	160	30
Leith.....	29°915	55°4	52°3	66°0	51°3	90	1876	41	1887, 8, 92, 03	17	2°73	—	—
North Shields.....	29°931	55°5	52°9	64°2	55°1	85	1876	39	1909	15	2°56	—	—
Spurn Head.....	29°944	56°4	54°3	64°9	54°6	[84]†	[1881, 1900]†	[44]†	[1882]†	13	1°82	—	—
Yarmouth.....	29°959	57°1	54°6	66°0	54°6	87	1881	42	1890	14	2°44	[177]†	[36]†
Clacton-on-Sea.....	29°988	58°0	55°5	67°7	54°6	[82]†	[1902]†	[40]†	[1902]†	10	1°80	[202]†	[41]†
Nottingham.....	29°974	56°7	54°4	70°1	52°1	92	1876	37	1888	15	2°39	[190]†	[38]†
Bath.....	30°019	58°5	56°4	69°4	53°4	[91]†	[1876]†	[39]†	[1906]†	13	2°53	204	41
Oxford.....	29°987	58°3	54°8	70°0	53°5	90	1876, 00	41	1888	14	2°47	201	41
LONDON { Westminster	29°990	57°8	55°1	[69°7]†	[54°8]†	[83]†	[1908]†	[45]†	[1907]†	[14]†	[1°99]†	179	36
Kew.....	30°009	57°7	54°8	70°8	54°3	90	1881	43	1882, 84	13	2°30	204	41
Sumburgh Head.....	29°788	51°5	49°9	57°2	48°3	82	1910	38	1885, 95, 09	20	3°11	—	—
Stornoway.....	29°838	52°9	51°3	60°0	49°0	75	1897, 99	32	1888	22	3°86	152	28
Castlebay (Barra Isd.)..	[29°872]†	[54°2]†	[52°5]†	[58°5]†	[51°5]†	[88]†	[1910]†	[47]†	[1908, 09]†	[20]†	[4°07]†	[139]†	[30]†
Malin Head.....	29°856	54°8	51°0	[61°0]†	[52°9]†	[80]†	[1900]†	[43]†	[1891]†	[22]†	[3°60]†	—	—
Blackod Point.....	29°907	57°0	55°1	[62°0]†	[53°5]†	[78]†	[1899]†	[42]†	[1887, 88]†	[23]†	[4°84]†	—	—
Valencia.....	29°976	57°5	55°5	64°2	53°9	81	1899	42	1890	23	5°09	152	34
Roche's Point.....	29°985	56°6	55°5	64°9	53°8	80	1880	44	1883, 03, 01	17	4°01	—	—
Birr Castle.....	29°949	56°5	54°9	65°6	51°2	82	1893, 99, 00	35	1885, 87	18	3°85	142	32
Donaghadee.....	29°912	54°6	53°3	63°1	52°0	78	1899	38	1886	19	3°27	—	—
Liverpool (Observatory)	29°941	56°7	54°2	65°1	54°0	85	1876, 84, 93, 99	44	1885	17	3°16	[164]†	[36]†
Holyhead.....	29°941	57°3	55°7	63°4	54°1	83	1893	46	1888	17	3°39	—	—
Pembroke (St. Ann's Hd.)	29°971	57°0	55°8	62°8	55°3	78	1899	47	1885, 88	16	3°27	193	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]†	[1901]†	[49]†	[1904, 10]†	13	2°00	—	—
Dungeness.....	29°992	59°6	57°6	67°2	56°0	82	1904	39	1890	13	2°13	—	—
Dover.....	[29°993]†	[59°8]†	[56°9]†	[66°4]†	[53°8]†	[83]†	[1902]†	[46]†	[1908]†	[15]†	[2°49]†	[220]†	[50]†
Wick.....	29°827	52°4	50°9	61°1	48°2	85	1893	30	1886	20	2°75	—	—
Nairn.....	29°892	53°7	51°0	63°7	49°1	86	1899	33	1885, 91, 04	19	2°59	[132]†	[28]†
Aberdeen.....	29°909	54°5	52°4	62°7	49°9	81	1899, 82, 99, 06	33	1885	18	2°95	162	33
Leith.....	29°915	55°4	52°9	65°6	51°1	85	1893, 1906	38	1881, 92	17	2°85	—	—
North Shields.....	29°931	55°6	53°4	64°1	51°2	83	1893	39	1892, 02	16	2°84	—	—
Spurn Head.....	29°927	57°2	55°3	64°9	54°6	[87]†	[1893]†	[45]†	[1900]†	15	2°13	—	—
Yarmouth.....	29°957	58°0	55°6	66°2	54°4	85	1893	41	1902	15	2°61	[208]†	[48]†
Clacton-on-Sea.....	29°987	58°9	56°4	67°6	55°0	[84]†	[1903]†	[43]†	[1908]†	13	1°90	[211]†	[47]†
Nottingham.....	29°957	56°3	54°7	68°7	51°4	94	1876	37	1878, 08	17	2°62	[181]†	[40]†
Bath.....	30°006	58°0	55°6	68°9	52°5	[92]†	[1876]†	[40]†	[1877, 04]†	14	3°00	196	44
Oxford.....	30°008	58°9	55°8	68°9	52°7	90	1876, 06	39	1892	14	2°47	187	42
LONDON { Westminster	29°991	58°2	56°2	[69°7]†	[54°7]†	[81]†	[1906]†	[46]†	[1905, 07]†	[13]†	[1°80]†	172	38
Kew.....	30°008	57°9	55°5	69°6	53°6	92	1876	41	1890	14	2°38	191	43
Sumburgh Head.....	30°000	49°0	47°8	54°8	40°3	69	1898	34	1887, 88	20	3°18	—	—
Stornoway.....	30°037	50°7	49°1	57°5	46°2	77	1906	32	1885	21	3°96	115	30
Castlebay (Barra Isd.)..	[30°041]†	[52°4]†	[50°5]†	[56°8]†	[49°9]†	[69]†	[1910]†	[44]†	[1908, 09, 10]†	[16]†	[3°17]†	[129]†	[34]†
Malin Head.....	30°059	52°8	52°3	[63°8]†	[50°7]†	[84]†	[1906]†	[38]†	[1886]†	[18]†	[2°76]†	—	—
Blackod Point.....	30°090	55°0	53°2	[60°0]†	[51°2]†	[78]†	[1893]†	[39]†	[1899]†	[20]†	[4°08]†	—	—
Valencia.....	30°114	53°6	51°7	61°8	51°3	79	1898, 06	35	1899	19	4°09	132	35
Roche's Point.....	30°127	54°1	53°1	61°8	51°3	74	1880	39	1893	15	3°11	—	—
Birr Castle.....	30°114	52°4	51°0	61°9	47°2	80	1906	29	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°62	—	—
Liverpool (Observatory)	30°120	53°0	50°7	61°3	50°8	87	1906	39	1885	15	2°56	[114]†	[30]†
Holyhead.....	30°109	54°9	53°1	60°8	51°9	78	1880	42	1903, 07	16	2°80	—	—
Pembroke (St. Ann's Hd.)	30°109	54°3	53°0	60°6	52°9	74	1895	40	1885	15	2°81	160	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°87	184	

DAILY WEATHER REPORT. APPENDIX I.

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

FOURTH QUARTER, OCTOBER TO DECEMBER.

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

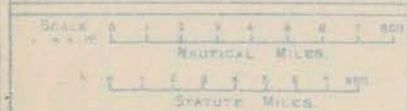
OCTOBER.	STATIONS.	PRESSURE. 1906-1910. 7 a.m. Observations (reduced to M.S. Level and to Lat. 46°).	AIR TEMPERATURE.								RAINFALL. 1876-1910. Days with Rain. Total Fall.		BRIGHT SUNSHINE. 1881-1910. Average Duration. Per Centage of Possible Duration.	
			Means of				Absolute Extremes.							
			1906-1910.		1876-1910.		1876-1910.							
			Dry Bulb 7 a.m.	Wet Bulb 7 a.m.	Daily Maximum.	Daily Minimum.	Maximum.		Minimum.					
							Temp.	Year.	Temp.	Year.				
		In.									In.	Hr.	%	
	Sumburgh Head	29.798	47.3	45.8	50.1	42.0	68	1908	28	1887	25	4.12	—	—
	Stormoway	29.772	47.6	46.2	51.9	40.9	70	1898	26	1880	24	5.36	85	27
	Castlebay (Barra Isd.)	[29.881]++	[51.0]++	[49.2]++	[54.1]++	[48.3]++	[63]++	[1908]++	[34]++	[1909]++	[19]++	[3.11]++	[80]++	[25]++
	Malin Head	29.755	49.8	48.8	[53.0]†	[45.6]†	[73]†	[1908]†	[32]†	[1892]†	[21]†	[3.11]†	—	—
	Blackod Point	29.785	51.5	49.4	[54.5]†	[45.9]†	[71]†	[1908]†	[29]†	[1905]†	[23]†	[5.10]†	—	—
	Valencia	29.786	52.1	49.7	50.5	46.5	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	32	1881	18	4.05	—	—
	Birr Castle	29.810	47.8	46.7	54.9	40.9	74	1908	22	1880, 1905	18	2.87	96	30
	Donaghadee	29.828	49.5	48.2	54.1	44.1	66	1898	21	1892	18	2.97	—	—
	Liverpool (Observatory)	29.863	48.9	47.2	54.1	44.8	73	1908	27	1895	19	3.36	[96]++	[30]++
	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	58.9	48.6	[67]†	[1908]†	[35]†	[1905, 08]†	17	3.86	—	—
	Dunegness	29.897	53.6	52.0	67.2	46.3	70	1886, 1908	23	1890	17	[3.23]†	—	—
	Dover	[30.017]++	[52.6]++	[51.3]++	[58.8]++	[48.4]++	[74]++	[1908]++	[30]++	[1909]++	[18]++	[4.39]++	[120]++	[37]++
	Wick	29.796	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	1888	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]++	[33]++
	Clacton-on-Sea	29.912	52.7	51.3	55.6	45.7	[71]†	[1908]†	[29]†	[1905]†	14	2.60	[108]†	[33]†
	Nottingham	29.887	48.1	47.4	55.3	41.9	78	1908	20	1890	20	2.57	[85]†	[26]†
	Bath	29.893	48.9	48.5	57.1	42.8	[77]†	[1908]†	[24]†	[1905]†	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]†	[46.7]†	[72]†	[1908]†	[29]†	[1905, 09]†	[17]†	[2.33]†	71	22
	LONDON { Kew	29.912	50.2	49.0	56.0	43.4	77	1886	25	1881, 95	17	2.70	93	29
NOVEMBER.	Sumburgh Head	29.729	42.1	40.5	46.1	38.7	68	1901	25	1880, 98, 04	24	4.00	—	—
	Stormoway	29.782	42.6	41.4	47.3	37.8	68	1897, 01, 02	20	1880	24	5.61	42	18
	Castlebay (Barra Isd.)	[29.811]++	[45.2]++	[43.3]++	[48.5]++	[41.3]++	[65]++	[1908, 09]++	[32]++	[1909, 10]++	[21]++	[4.00]++	[61]++	[26]++
	Malin Head	29.811	44.9	43.8	[48.6]†	[41.8]†	[69]†	[1894, 9, 05]†	[30]†	[1909]†	[21]†	[3.20]†	—	—
	Blackod Point	29.868	46.2	44.3	[50.3]†	[42.1]†	[60]†	[1897, 99]†	[26]†	[1890]†	[23]†	[5.06]†	—	—
	Valencia	29.819	46.2	43.9	52.2	42.7	63	1881	27	1890, 96, 01	22	5.46	66	26
	Roche's Point	29.930	45.3	44.3	51.3	42.3	61	1908, 09	27	1890	19	4.32	—	—
	Birr Castle	29.913	39.9	38.9	49.3	36.8	62	1899	17	1900	18	3.06	64	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, 95, 99	22	1880	18	2.60	[75]++	[30]++
	Holyhead	29.887	46.2	44.6	50.1	42.8	62	1881	29	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	28	1890	19	3.76	65	25
	Scilly (St. Mary's)	30.043	48.6	46.6	53.2	46.4	61	1898	29	1890	20	3.48	75	28
	Jersey (St. Aubin's)	29.953	47.9	45.8	52.8	44.3	66	1899	16	1890	21	4.18	77	29
	Portland Bill	29.915	48.0	46.2	51.6	43.7	[61]†	[1900]†	[30]†	[1902]†	15	2.48	—	—
	Dunegness	29.900	44.4	42.8	50.4	40.7	63	1899	17	1890	17	[2.60]†	—	—
	Dover	[29.924]++	[44.2]++	[39.7]++	[48.0]++	[37.5]++	[63]++	[1908]++	[27]++	[1910]++	[10]++	[2.50]++	[105]++	[40]++
	Wick	29.760	41.5	40.0	46.9	36.8	62	1900	12	1900	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	1909	19	3.05	56	23
	Leith	29.832	41.7	39.7	48.5	37.7	63	1885	18	1885	15	1.98	—	—
	North Shields	29.855	41.2	40.0	48.2	37.9	62	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]++	[32]++
	Clacton-on-Sea	29.913	42.8	41.7	48.2	39.3	[60]†	[1908]†	[25]†	[1904]†	15	1.89	[75]†	[29]†
	Nottingham	29.904	40.5	39.5	48.2	36.9	63	1895	13	1904	19	1.89	40	16
	Bath	29.938	41.6	40.5	50.2	37.5	[64]†	[1879]†	[18]†	[1901]†	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]†	[38.6]†	[62]†	[1907]†	[25]†	[1905, 10]†	[15]†	[2.14]†	28	11
	LONDON { Kew	29.936	41.6	40.2	48.8	38.5	63	1876	21	1901	16	2.19	51	20
	DECEMBER.	Sumburgh Head	29.694	40.0	38.8	43.3	36.2	63	1890, 05	19	1877, 09	27	4.44	—
Stormoway		29.698	40.1	39.2	44.1	35.0	65	1898	15	1880	26	5.94	24	12
Castlebay (Barra Isd.)		[29.697]++	[44.0]++	[42.1]++	[47.0]++	[40.2]++	[63]++	[1908]++	[27]++	[1900]++	[26]++	[5.13]++	[38]++	[18]++
Malin Head		29.631	42.4	41.7	[45.8]†	[38.6]†	[55]†	[1900, 04]†	[28]†	[1906, 09]†	[23]†	[3.15]†	—	—
Blackod Point		29.683	44.6	42.8	[47.5]†	[39.8]†	[60]†	[1899]†	[25]†	[1906]†	[26]†	[5.83]†	—	—
Valencia		29.752	45.5	43.3	49.9	40.8	57	1884, 88, 99, 1900	24	1886	25	6.32	41	17
Roche's Point		29.767	44.2	43.3	48.6	40.2	57	1906	25	1882	23	5.19	—	—
Birr Castle		29.735	40.3	39.3	45.7	34.4	58	1877, 1900	8	1878	20	3.10	43	19
Donaghadee		29.712	41.8	41.0	45.6	36.8	56	1885, 88, 94, 99	20	1879	21	3.08	—	—
Liverpool (Observatory)		29.760	40.4	38.8	44.4	36.3	59	1891, 98, 1900	13	1878	18	2.63	[48]++	[21]++
Holyhead		29.729	43.8	42.6	46.6	39.5	56	1888	26	1878, 90, 02	20	3.95	—	—
Pembroke (St. Ann's Hd.)		29.750	44.7	42.9	47.8	40.9	57	1899, 02	19	1890	22	4.18	42	18
Scilly (St. Mary's)		29.916	47.1	45.0	50.6	44.1	58	1899, 00	30	1890	22	4.28	56	23
Jersey (St. Aubin's)		29.858	45.1	43.2	48.4	40.7	61	1876	22	1890	21	3.85	60	24
Portland Bill		29.795	45.9	44.6	47.7	40.5	[60]†	[1906, 07]†	[24]†	[1908]†	18	2.68	—	—
Dunegness		29.798	41.7	40.5	45.6	39.6	56	1880, 97, 98, 1900, 07	12	1890	17	[2.41]†	—	—
Dover		[29.807]++	[41.0]++	[39.9]++	[45.2]++	[36.8]++	[62]++	[1910]++	[18]++	[1908]++	[18]++	[3.43]++	[48]++	[20]++
Wick		29.613	39.2	37.8	43.3	33.8	52	1906, 07	10	1880, 06	21	3.08	—	—
Nairn		29.634	37											

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

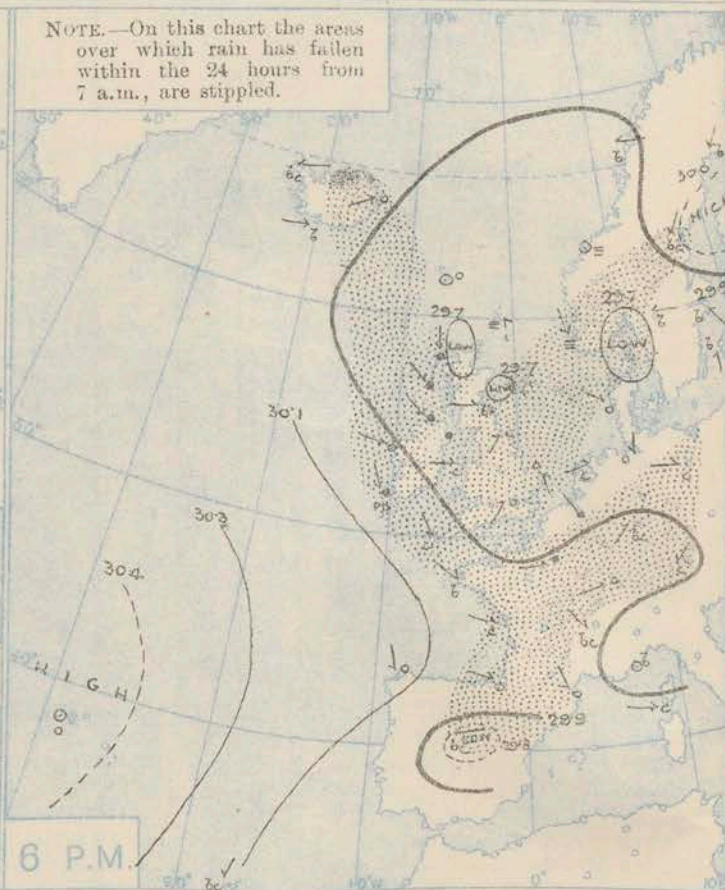
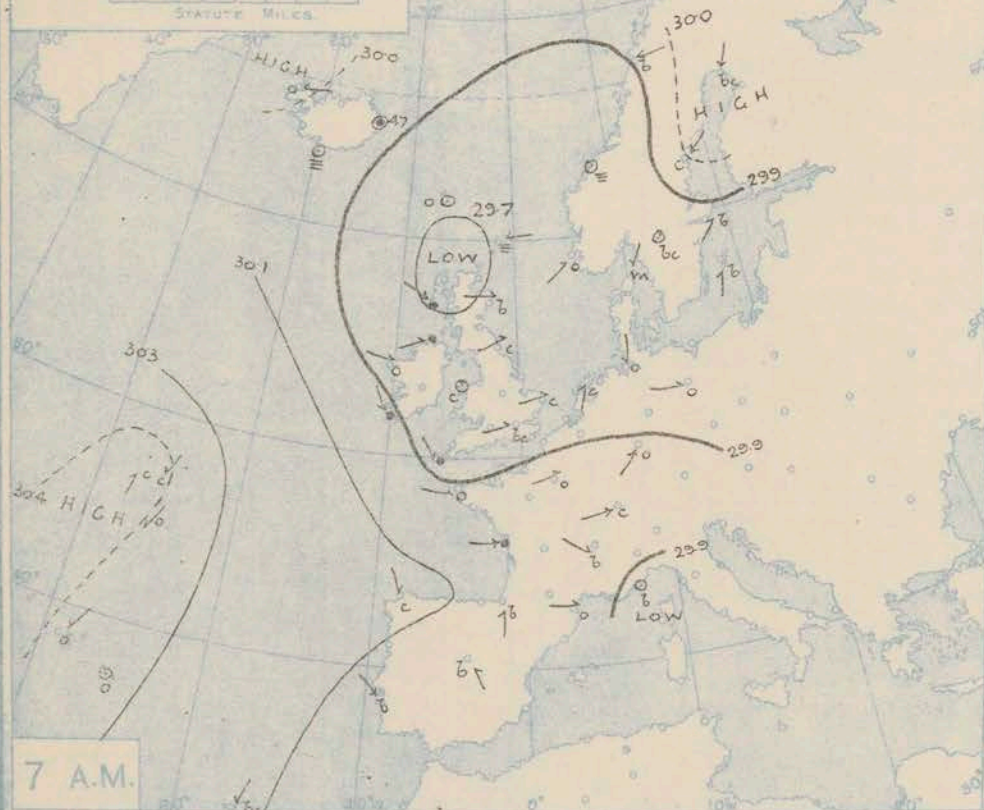
Monday
1st July, 1912.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		Barom.	Temp.	Wind.		Weather.	Barometer.	Temp.	Wind.		Weather.	Sea (0 to 9).	Rain- fall.	Temp.		Weather.								
				At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.				Dir.	Force (0 to 12).				At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern. 1 p.m. to 6 p.m.	
		In.	°				In.	In.	°					In.	°	°	f	f	f	Hours.				
BRITISH ISLANDS.	Lerwick	29.76	51	SSE	2	f	29.82	+0.03	49	0	N	2	m	1	-	52	48	f	f	f	*			
	Stornoway	29.73	55	N	4	op	29.90	+0.04	52	0	N	3	0	3	0.58	58	51	op	op	op	0.0			
	Castlebay (Barra Isd.)	29.76	54	NW	3	op	29.93	+0.04	54	-1	NW	4	0	3	0.05	58	52	op	op	op	2.1			
	Malin Head	29.81	55	NW	5	cpm	29.92	+0.10	54	+1	N	6	0	5	0.12	57	52	omp	omp	omp	*			
	Blacksod Point	29.96	56	WNW	5	o	30.06	+0.04	55	0	WNW	5	0	3	0.18	61	52	omp	omp	omp	*			
	Valencia	30.05	56	NNW	4	opq	30.15	+0.02	53	-1	N	5	r	5	0.11	60	52	cp	cp	omp	1.0			
	Roche's Point	29.96	59	NNW	4	cgp	30.06	*	55	0	NW	5	c	3	0.02	62	54	cgp	cgp	cg	*			
	Birr Castle	29.90	59	NW	5	c	30.01	*	54	+1	WNW	4	c	*	0.09	61	52	o	cp	c	1.5			
	Donaghadee	29.82	56	NW	1	cp	29.89	+0.03	54	0	NW	4	c	3	0.07	62	53	cg	omp	comp	*			
	Liverpool Obsy.	29.82	54	W	2	bc	29.84	0.00	54	-3	W	4	0	3	Trace	63	54	bc	bc	o	5.1			
	Holyhead	29.83	60	W	1	cm	29.89	+0.02	56	-1	NW	4	c	3	-	63	54	cm	cm	cm	*			
	Pembroke (St. Ann's Hd.)	29.88	57	W	3	c	29.95	+0.04	55	0	WNW	4	cg	4	0.01	60	54	cg	cg	cg	0.3			
	Newquay	29.90	59	WNW	3	bc	29.97	+0.03	55	+1	NW	6	c	4	0.25	60	55	or. cp	bc. b.	cp	3.6			
	Scilly (St. Mary's)	29.94	58	NW	4	cm	30.01	+0.03	57	+2	NW	6	cmg	5	0.01	62	55	omp	cm	cm	8.2			
	Jersey (St. Aubin)	29.91	59	W	4	cg	29.94	*	59	+2	W	3	cg	3	0.37	60	55	om	cg	ogm	2.4			
	Portland Bill	29.85	59	WNW	3	c	29.89	+0.01	57	0	NW	4	r	3	0.02	61	56	bc	c	cp. or	*			
	Dungeness	29.83	59	SSW	4	c	29.83	+0.01	57	-2	W	2	c	2	Trace	64	52	c	c	f. p. c.	*			
	Dover	29.83	57	SW	3	c	29.85	*	57	-2	W	2	0	2	-	61	52	b. bc. c	c	c. o	4.7			
	Wick	29.71	55	S	2	bc	29.82	+0.03	50	-3	N	1	f	2	-	57	47	c	bcg	om. f	*			
	Nairn	29.69	61	W	1	c	29.82	*	53	-1	-	0	r	1	1.34	65	53	pe	c	r	1.0			
	Aberdeen	29.70	61	NE	1	c	29.78	+0.02	55	-1	NW	3	c	2	0.18	68	54	bc. c	clp	cp	4.9			
	Leith	29.71	61	W	3	bc	29.81	+0.03	56	+1	W	1	0	+	-	65	52	bc. c	c	c	*			
	North Shields	29.77	61	SW	2	o	29.78	0.00	56	-1	W	3	c	2	0.01	65	50	-	p. o	or. c	5.3			
	Spurn Head	29.77	58	SE	3	c	29.78	0.00	58	+1	WNW	4	cp	4	Trace	65	54	c. o	a. cpm	acomp	*			
Yarmouth	29.80	62	SE	2	o	29.80	+0.01	55	+2	W	1	0	1	0.26	68	52	c	c. o	op	5.7				
Clacton-on-Sea	29.81	64	SW	1	o	29.82	0.00	55	-3	W	2	0	1	Trace	66	53	bc. sm	reg	throg	5.3				
Nottingham	29.80	58	SW	2	o	29.82	*	57	+3	WNW	3	cm	*	-	69	52	c	cl. o	o	3.9				
Bath	29.84	60	W	3	o	29.90	*	58	-1	WNW	1	r	*	0.06	65	51	-	-	-	0.0				
Oxford	29.85	55	WSW	2	o	29.88	*	58	+1	NW	3	0	*	0.01	63	54	o	a. op	or. o	*				
London (Kew Obsy.)	29.84	62	SW	1	o	29.86	+0.02	56	0	WSW	1	om	*	-	64	54	cm. on	om. o	o. c. om	2.6				
ICELAND & FAEROE.	Isafjord	30.03	58	E	3	bc	30.09	+0.02	48	-2	E	2	0	*	*	*	*	*	*	*				
	Reykjavik	29.95	61	W	3	c	30.00	0.00	52	-2	N	3	b	*	*	*	*	*	*	*				
	Vestmanna	29.98	57	W	5	b	30.02	+0.02	51	+1	NW	4	b	0	*	*	*	*	*	*				
	Seydisfjord	29.98	52	WSW	4	o	29.99	+0.01	50	+3	N	1	0	*	*	*	*	*	*	*				
	Thorshavn	29.77	57	-	0	o	29.86	+0.03	52	+3	-	0	c	*	*	*	*	*	*	*				
SCANDINAVIA.	Haparanda	29.97	54	NE	4	bc	30.00	+0.01	50	+1	N	4	b	*	-	59	41	*	*	*				
	Hernösand	30.00	49	NE	4	bc	30.03	*	52	0	NE	4	c	*	Trace	54	48	*	*	*				
	Stockholm	29.78	69	SE	2	b	29.78	0.00	61	-11	NE	4	b	*	-	81	54	*	*	*				
	Wisby	29.78	62	SSE	2	b	29.75	+0.02	59	-9	SSW	2	b	*	-	72	55	*	*	*				
	Karlstad	29.72	72	E	2	b	29.74	-0.02	61	-6	NE	6	b	*	-	79	55	*	*	*				
	Færder (X'ania Fiord)	29.67	63	NE	1	m	29.65	0.00	61	-4	ENE	6	bc	3	0.08	68	61	*	*	*				
	Bodö	29.87	60	E	1	b	29.86	+0.01	59	-1	E	4	b	2	-	66	54	*	*	*				
	Christiansund	29.79	57	-	0	f	29.77	-0.02	53	-5	NE	1	f	1	-	57	54	*	*	*				
	Skudesnaes	29.76	55	NNW	4	f	29.66	-0.04	55	0	N	6	r	2	0.08	57	52	*	*	*				
	The Scau (Skagen)	29.67	59	NW	3	m	29.57	0.00	62	+1	E	3	0	4	0.24	64	57	*	*	*				
Blaavands Huk	29.77	58	WNW	2	o	29.69	-0.02	59	0	WNW	3	0	1	-	72	55	*	*	*					
GERMANY, &c.	Cuxhaven	29.80	61	N	2	o	29.75	-0.02	60	0	SW	3	0	*	-	63	55	*	*	*				
	The Helder	29.81	60	WSW	3	c	29.78	+0.01	60	0	WSW	3	c	1	Trace	63	59	*	*	*				
	Brussels	29.86	54	NW	1	r	29.86	+0.01	56	-1	SW	1	0	*	0.28	68	53	*	*	*				
	Berlin	29.85	61	W	1	c	29.84	-0.01	62	-2	SW	1	c	*	0.28	75	54	*	*	*				
	Frankfurt	29.91	60	SW	1	bc	29.91	+0.02	58	0	SW	3	c	*	0.63	68	55	*	*	*				
	Munich	29.91	61	NE	2	c	29.97	0.00	56	0	W	3	r	*	0.08	70	55	*	*	*				
FRANCE.	C. Gris Nez	29.87	57	SW	4	c	29.85	+0.02	58	0	SW	3	c	2	-	63	55	*	*	*				
	La Hève	29.88	58	W	3	o	29.90	*	57	-1	WSW	4	c	4	0.20	64	54	*	*	*				
	Brest (St. Mathieu)	30.00	59	NW	3	b	30.04	+0.01	57	+2	NW	4	0	3	0.16	63	57	*	*	*				
	Lorient (Bec Melen)	29.95	61	W	4	b	30.00	*	57	0	WNW	5	0	4	-	64	54	*	*	*				
	Rochefort (Ile d' Aix)	30.00	62	WNW	3	c	30.03	*	59	0	NW	3	c	*	0.12	66	57	*	*	*				
	Biarritz	30.06	62	WNW	4	o	30.06	*	59	-2	NW	4	r	2	0.04	64	57	*	*	*				
	Paris	29.91	58	-	0	o	29.95	+0.01	56	-1	SW	2	0	*	0.39	67	50	*	*	*				
	Belfort	29.96	63	WSW	4	o	30.01	*	56	+1	W	4	0	*	Trace	79	53	*	*	*				
	Lyons	29.94	67	NE	1	bc	30.01	*	60	+5	N	1	0	*	-	73	55	*	*	*				
	Nice	29.88	69	-	0	b	29.84	0.00	65	-5	-	0	c	2	-	79	61	*	*	*				
Perpignan	29.97	71	NW	2	o	30.01	-0.02	64	0	NW	2	0	*	Trace	75	60	*	*	*					
Sanguinaire	29.94	68	W	4	c	29.88	*	71	*	SSE	3	n	3	-	77	61	*	*	*					
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)	30.20	62	NNW	3	o	30.17	+0.04	61	0	NNW	5	bc	5	-	63	55	*	*	*				
	Lisbon (9 a.m.)	29.98	60	NNW	5	b	29.98	+0.01	63	0</														

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 30TH JUNE.



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



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

A high pressure system which is spreading in from the Atlantic is expected to bring about

some improvement in the weather conditions over these islands.

FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

0 {
a } N.W. breezes, fresh at times locally;
b }
1 { Dull, some rain, local coast fog,
improving later; cool.

2 {
a } W. to N.W. breezes, fresh at
b } times in places; cloudy, some
3 { passing showers and mist,
4 { then finer; rather cool.
b }

5

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No WARNINGS

ISSUED.

6 {
a }
b }
7 { N.W. and W. breezes, fresh
or strong at times locally;
b }
8 { cloudy to dull, some showers,
b } then finer; cool.

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

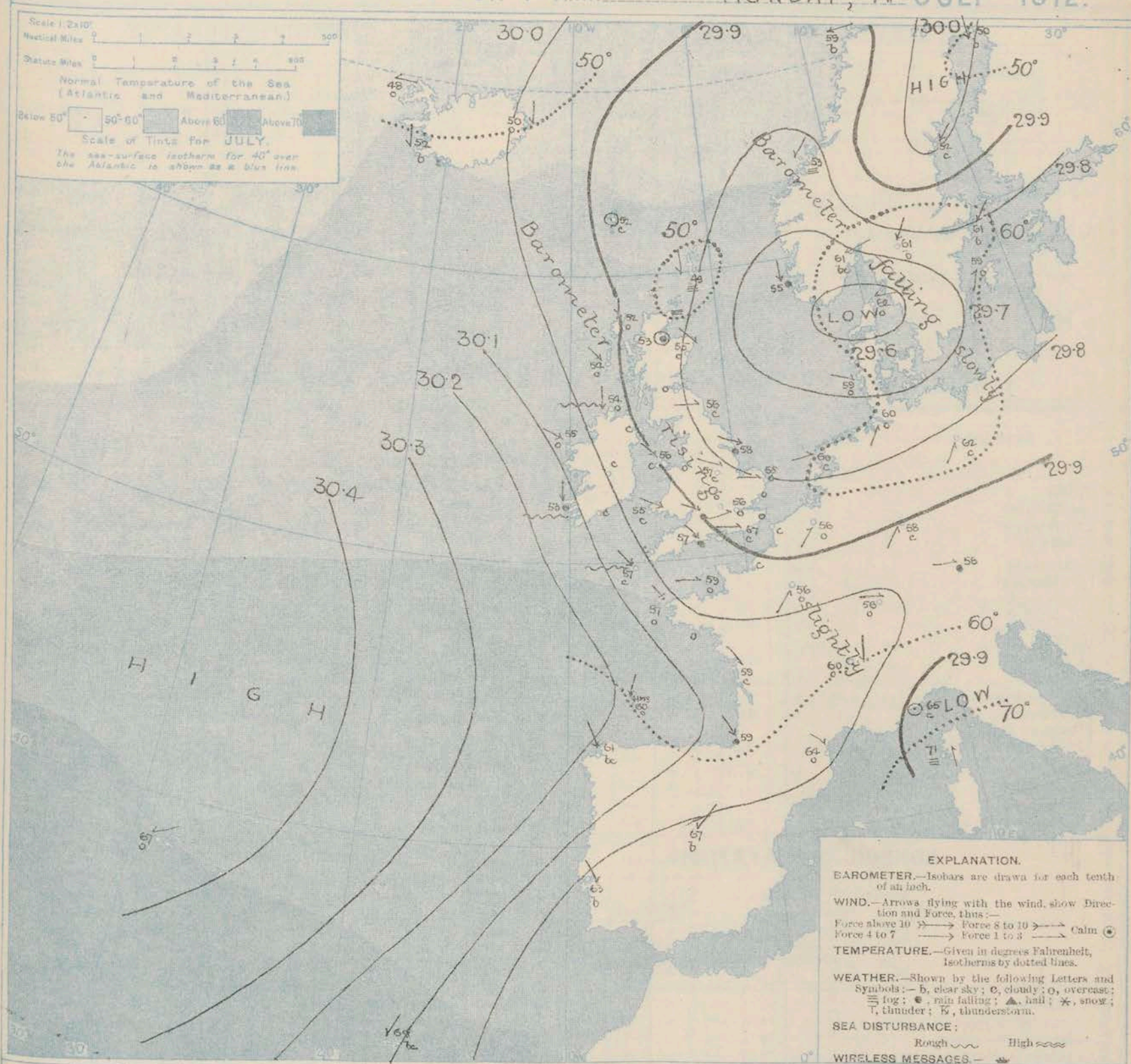
11 WESTERN CHANNEL AND BAY.

N.W. and W. winds, strong to moderate; sea rather rough to moderate; dull to fair, some showers and mist; cool.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M.

MONDAY, 1st JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An anticyclonic system now covers the eastern Atlantic, the barometer standing above 30.4 in. at the Azores, and above 30.2 in. off the face of the Bay. The recent depression over our northern districts has passed on to Denmark, where the barometer is below 29.6 in. The gradient is moderate to slight.

Easterly to northerly winds prevail over Scandinavia, south-westerly to westerly over the middle regions of the Continent, and from between West and North over the rest of our area. A fresh or strong wind is reported locally on our western and south-western coasts and in Scandinavia.

At the horse stations temperature ranges from 49° at Zurich to 59° at Jersey; and on the Continent from 56° in several localities to 65° at Bies and Gibraltar. In Scandinavia from 50° at Haparanda to 61° at Karlstad and Stockholm; and in Iceland from 48° to 52°. On the Bay the air is 60°, the sea water 61°. Over the greater part of the region under observation the weather is very cloudy to overcast, and rain is falling at various horse and freight stations. There is a thick fog on the coast of Caithness, and fog is reported locally on the Norwegian and Iceland coasts. The sea is rather rough locally on our western coasts, but generally it is slight to smooth.

DAILY WEATHER REPORT.

Monday 1st July, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
1st, 7 a.m.	46° 06'	72° 5'	H.M.S. <i>California</i>	H	30.20	+0.7	NNE	5	0	30th, 7 a.m.	47° 26'		<i>Haverford</i>	O	30.47	+0.1	SSW	1-3	c
30th, 6 p.m.	51° 11'		<i>California</i>	O	30.10	+1.1	N	6-7	0	"	45° 25'		<i>Marquette</i>	H	30.37	+0.1	NE	1-3	0
" 1 p.m.	48° 14'		<i>Kronland</i>	H	30.25	-0.2	NNW	4-5	6	"	50° 15'		<i>Montezuma</i>	O	30.08	+0.4	NNW	6-7	0
" 7 p.m.	47° 24'		<i>Cedric</i>	O	30.41	+0.6	NNE	1-3	c										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.			Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.					Hr.			In.					Hr.
{ Oban ...		-	b3	47	b	bc	4.6			-	4	4	*	*	4.4
{ Stonehaven ...		-	b3	47	b	bc	4.6			-	65	53	bc	c	3.4
{ St. Andrews ...		-	b7	49	c	bc	5.3			-	66	51	c.b.c.	ug.	3.0
{ Carnoustie ...		-	b7	49	c	bc	5.3			-	66	51	c.b.c.	ug.	3.0
England, N.E.															
{ Harrogate ...		-	b6	49	bc.b.	c.o	6.4			-	62	54	c.b.c.	b.b.c.	5.2
{ Scarborough ...		-	b5	49	ogr.	ogr.f	4.8			-	64	53	bc.o	c	4.0
{ Blackpool ...		-	b4	53	c	c	9.0			-	61	53	bc	o.b.c.	3.8
{ Southport ...		-	b3	53	bc.o.b.c.	o.b.c.	6.5			-	62	54	o.b.c.	o.b.c.	3.0
{ Buxton ...		-	b2	52	bc	bc	5.0			-	62	53	c.b.c.	bc.c	3.4
{ Douglas ...		-	b2	52	bc	bc	5.0			-	63	53	bc.o	o.c.o	2.6
Wales.															
{ Rhyl ...		0.05	b5	50	bc.f.	bc.	2.8			-	64	51	c	c	4.1
{ Colwyn Bay ...		0.32	b3	55	bc.f.	b.	3.7			-	62	52	o	o	0.1
{ Llandudno ...		0.21	b4	55	or	bc	3.5			-	61	51	o	o	0.0
{ Bettws-y-Coed ...		0.02	b1	54	bc	bc	2.2			-	63	53	c	c	0.0
{ Aberystwyth ...		0.02	b1	54	bc	bc	2.2			-	63	51	cp	cp	0.6
England, E.															
{ Skegness ...		-	b7	51			4.3			-	61	51	o.c.	c	0.3
{ Lowestoft ...		-	b7	51			4.3			-	65	49	cp	cp	1.0
{ Felixstowe ...		-	b7	51			4.3			-	64	52	bc.b.	cp	1.1
{ Southend-on-Sea ...		-	b7	59	c.o	o	3.3			-	64	52	bc.b.	cp	1.1

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine.	
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.			Min. on Grass.	Fore-noon.	After-noon.				Night.	In Screen.		Min. on Grass.	Night.	Fore-noon.		After-noon.
			Max.	Min.	Max.				Min.										
			24 HOURS ENDED 9 A.M. TO-DAY.																
Greenwich (Royal Obsy.) ...	%	%	67	51	4.2	0.01	o	or	o	3.6	Dublin to 4 p.m.	0.01	63	54	52	c.b.	cp	cp	Hr.
City (Rushmill Row) ...	*	*	*	*	*	*	*	*	*	2.9	Plymouth to 9 p.m.								*
Westminster (St. James's Pk.)	77	87	64	54	4.9	-	bc	bc	bc	3.3	Darwen								
Camden Sq. (Brit. Rainfall)	*	78	66	53	4.9	-	a	o	o	2.9	Manchester "								
Hampstead (Reservoir) ...	*	81	61	51	4.3	-	o	o	op	3.3	Birmingham "	-	62	48	36	o	c	o	0.4
24 HOURS ENDED 6 P.M. YESTERDAY.																			
South Kensington ...	*	*	64	52	4.9	-	} o	o.06	o	} 3.3									
" (Roof of M.O.)	*	80	63	53	*	*													

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

1st & 2nd July, 1912.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	3.35	11.56	8.17
	3.36	11.57	8.17
Greenwich ...	3.48	12.3	8.18
	3.49	12.4	8.18
Wick ...	3.11	12.15	9.19
	3.12	12.16	9.19
Valencia ...	4.26	12.44	9.2
	4.27	12.45	9.2

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 69° only at Bournemouth; in Shetland it did not pass 52°. Rain has fallen generally, heavily in the north, 1.3 in at Cairn. Bladon had a thunderstorm, and thunder was heard in other neighbourhoods. Bright sunshine ranged from none in places to 9 hours at Blackpool. As far west as the 27th meridians ships experienced light to strong N.W. and N. winds and cloudy to dull weather.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. fog, 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,
2nd July, 1912.

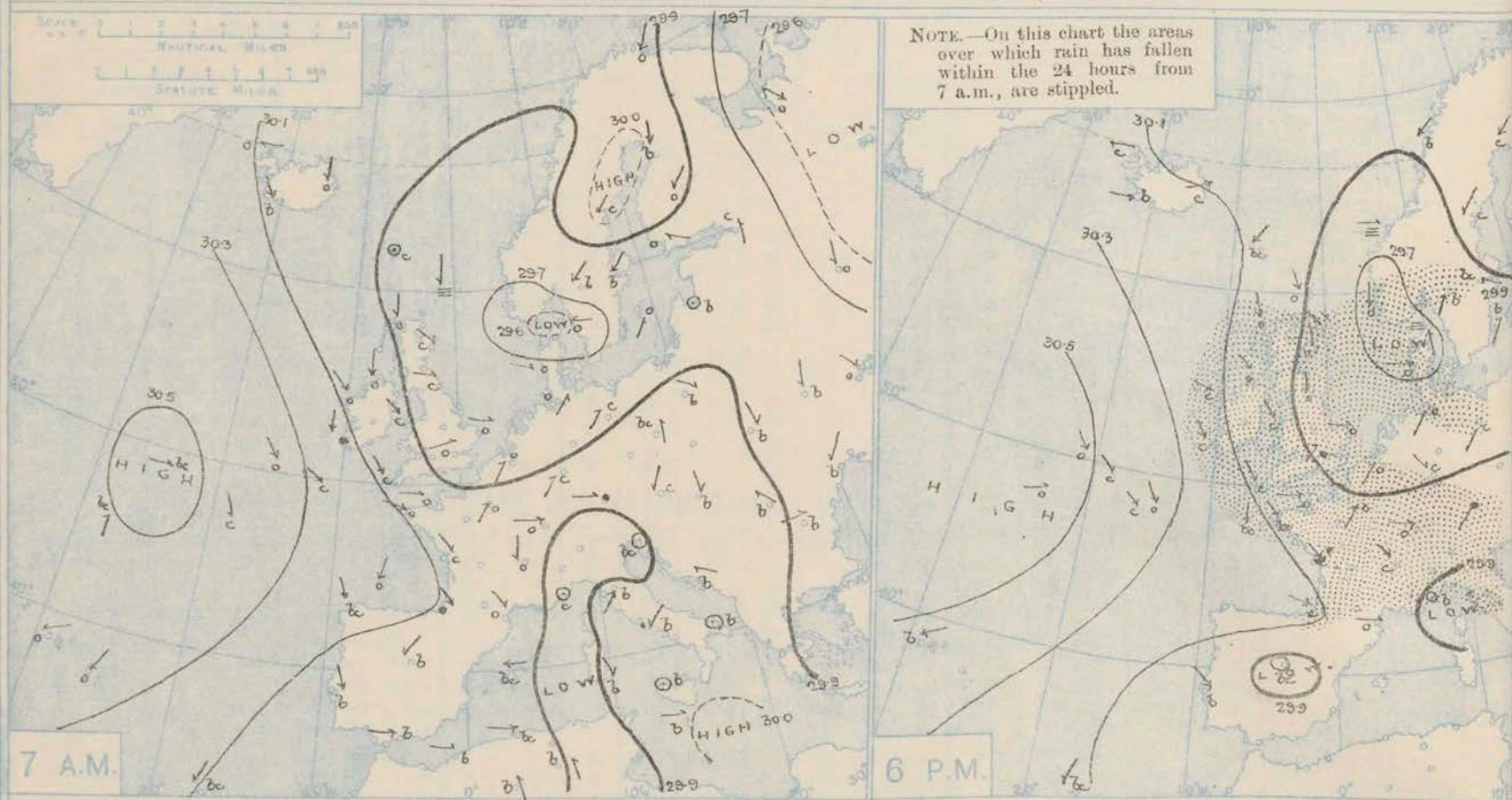
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	Barom.	Temp.	Wind.	Force	Weather.	Barometer.	Temp.	Wind.	Force	Weather.	Sea	Rain- fall.	Temp.		Weather.								
													Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.						
																		Hours.					
BRITISH ISLANDS.	Lerwick	29.83	53	NNW	4	0	29.96	+0.1	49	0	NNW	6	0	4	53	47	om	om	om	0.1			
	Stornoway	30.01	54	NNW	4	odp	30.14	+0.3	51	-1	NE	5	0	4	56	50	0	odp	odp	0.1			
	Castlebay (Barra Isd.)	30.02	54	NW	4	op	30.14	+0.3	53	-1	NNW	5	c	3	58	51	op	op	op	2.4			
	Malin Head	30.00	54	NW	4	empg	30.08	+0.2	53	-1	NNW	4	ogp	4	56	51	empg	empg	empg	0.1			
	Blacksod Point	30.12	56	WNW	5	c	30.18	?	54	-1	WNW	3	r	3	58	51	om	om	om	0.1			
	Valencia	30.18	54	NNW	5	ov	30.18	+0.1	54	+1	N	2	0	4	59	51	dp	0	of.c	1.3			
	Roche's Point	30.10	58	N	5	0	30.12	?	54	-1	N	4	c	3	60	53	c.dp	q.p.0	o.c.	0.1			
	Birr Castle	30.05	57	NW	6	0	30.11	?	55	+1	NW	2	0	4	60	51	cp	c.0	cp.0	0.8			
	Donaghadee	29.96	56	NNW	4	c	30.03	+0.2	54	0	NNW	4	bc	4	59	52	bem	c	ogpbc	0.1			
	Liverpool Obsy.	29.89	56	W	4	0	29.96	+0.2	55	+1	N	1	0	2	59	54	0	c	0	1.4			
	Holyhead	29.93	56	NW	5	c	29.98	+0.1	56	-1	NNW	5	0	4	62	53	cm	cm	o.emp	0.1			
	Pembroke (St. Ann's Hd.)	29.98	55	WNW	3	c	30.01	+0.2	54	-1	N	4	cogp	3	60	52	cg	cg	cg	3.9			
	Newquay	30.00	58	NW	4	c	29.99	+0.2	55	0	N	4	og	4	60	53	bc.b	b.bc	c.or	6.3			
	Scilly (St. Mary's)	30.06	58	NW	5	empg	30.03	+0.2	55	-2	NNW	5	empg	5	62	52	empg	empg	empg	2.7			
	Jersey (St. Aubin)	29.99	60	W	4	ogm	29.96	?	58	-1	W	3	cm	3	63	55	cm	cm	ogm	6.6			
	Portland Bill	29.92	61	NW	4	bc	29.92	0.0	57	0	NNW	4	c	3	63	55	c	bc	bc.c	0.1			
	Dungeness	29.84	59	WSW	3	ov	29.85	+0.1	53	-4	W	4	0	3	65	47	c.dp	of.c	cw.0	0.1			
	Dover	29.86	55	NW	1	r	29.86	?	55	-2	NW	3	0	2	65	50	of.c	c.dp	of.0	0.7			
	Wick	29.92	53	N	3	0	30.01	+0.3	50	0	NNW	4	og	4	54	49	om	om	ogp.d	0.1			
	Nairn	29.94	55	ENE	1	0	30.04	?	52	-1	N	2	0	2	56	51	c	0	r.0	0.0			
	Aberdeen	29.90	54	NNW	3	0	29.95	+0.2	52	-3	NW	6	0	3	56	52	c.0	of	ofp	0.5			
Leith	29.89	56	SE	1	0	29.98	+0.2	56	0	NNW	1	0	4	62	54	0.dp	or	of	0.1				
North Shields	29.87	54	N	4	0	29.90	+0.2	53	-3	WNW	3	r	3	62	50	c	0	r	0.1				
Spurn Head	29.82	57	N	4	c	29.86	0.0	54	-4	NNW	5	og	5	61	52	c.0	o.c	c.ogp	0.1				
Yarmouth	29.82	58	W	1	0	29.83	-0.1	55	0	W	1	0	1	61	54	0.dp	thp	c.bem	0.9				
Clacton-on-Sea	29.82	60	SSW	2	0	29.85	+0.2	55	0	NW	1	0	0	66	51	ogd.0	o.c.0	othp	0.2				
Nottingham	29.82	60	WNW	3	c	29.91	?	53	-4	N	3	om	+	68	52	cp	cm	emp.0	3.6				
Bath	29.91	63	NNW	1	c	29.96	?	55	0	N	1	0	+	66	53	-	-	-	0.3				
Oxford	29.90	57	NW	3	0	29.95	?	54	-4	N	2	0	+	66	52	oc.0	of.0	of.0	0.1				
London (Kew Obsy.)	29.87	58	SW	1	or	29.91	+0.2	54	-2	NW	2	0	+	65	52	om.0	athp	of.0	1.0				
ICELAND & FAEROE.	Isafjord	30.14	51	E	2	c	30.04	-0.2	58	+10	-	0	bc	+	+	+	+	+	0.1				
	Reykjavik	30.11	59	N	2	b	30.12	0.0	52	0	E	4	0	+	+	+	+	+	0.1				
	Vestmanna	30.12	60	W	4	b	30.25	+0.1	48	-3	SE	3	0	0	+	+	+	+	0.1				
	Seydisfjord	30.10	53	WSW	5	c	30.18	+0.3	56	+6	-	0	b	+	+	+	+	+	0.1				
	Thorshavn	30.02	58	NE	4	bc	30.12	0.0	51	-1	NW	5	c	+	+	+	+	+	0.1				
SCANDINAVIA.	Haparanda	29.95	53	NE	4	0	30.03	+0.4	47	-3	NE	6	b	+	61	41	-	-	-	0.1			
	Hernösand	29.98	52	NE	2	c	30.05	+0.2	55	+3	NE	2	b	+	55	50	-	-	-	0.1			
	Stockholm	29.80	59	ESE	2	bc	29.84	+0.2	55	-6	NNW	2	0	+	68	54	-	-	-	0.1			
	Wisby	29.82	58	SSW	2	b	29.82	0.0	62	+3	WNW	2	b	+	66	54	-	-	-	0.1			
	Karlstad	29.81	60	SSW	4	b	29.89	+0.4	54	-7	E	4	0	+	68	52	-	-	-	0.1			
	Færder (X'ania Fiord)	29.73	56	SE	6	r	29.87	+0.4	56	-5	NE	4	0	2	61	54	-	-	-	0.1			
	Bodö	29.91	60	ENE	2	b	29.98	+0.2	60	+1	ENE	3	b	1	63	54	-	-	-	0.1			
	Christiansund	29.76	59	W	1	w	29.84	+0.3	54	+1	-	0	f	1	61	52	-	-	-	0.1			
	Skudesnaes	29.61	56	N	4	0	29.79	+0.3	64	+9	E	2	b	2	57	52	-	-	-	0.1			
	The Scaw (Skagen)	29.68	59	SSE	7	w	29.84	+0.4	60	-2	SSE	2	bc	0	64	55	-	-	-	0.1			
Blaavands Huk	29.69	57	W	4	0	29.77	+0.2	59	0	SSW	3	0	2	61	55	-	-	-	0.1				
GERMANY, &c.	Cuxhaven	29.77	58	SW	2	0	29.80	+0.2	56	-4	S	3	w	+	64	52	-	-	-	0.1			
	The Helder	29.80	59	W	2	c	29.79	-0.1	59	-1	W	2	0	1	63	57	-	-	-	0.1			
	Brussels	29.86	57	SW	1	0	29.85	0.0	55	-1	WSW	1	r	+	64	53	-	-	-	0.1			
	Berlin	29.84	61	SW	1	c	29.84	0.0	62	0	NW	1	c	+	72	55	-	-	-	0.1			
	Frankfurt	29.89	60	NW	1	c	29.89	0.0	57	-1	SW	3	c	+	68	55	-	-	-	0.1			
	Munich	29.95	55	SW	3	r	29.94	-0.1	56	0	SW	2	0	+	66	54	-	-	-	0.1			
FRANCE.	C. Gris Nez	29.86	58	WSW	4	c	29.86	+0.1	56	-2	W	3	0	2	63	54	-	-	-	0.1			
	La Hève	29.92	61	W	4	0	29.92	?	56	-1	WNW	3	0	2	68	52	-	-	-	0.1			
	Brest (St. Mathieu)	30.11	58	NW	2	bc	30.04	-0.1	55	-2	NW	4	c	3	63	54	-	-	-	0.1			
	Lorient (Bec Meles)	30.05	60	NNW	4	0	?	?	57	0	WNW	4	c	4	64	55	-	-	-	0.1			
	Rochefort (Ile d' Aix)	30.05	63	NW	4	c	30.06	?	59	0	NW	4	0	+	68	59	-	-	-	0.1			
	Biarritz	30.13	63	WNW	4	c	30.12	?	60	+1	NW	4	0	3	64	57	-	-	-	0.1			
	Paris	29.92	60	WSW	2	bc	29.94	+0.1	58	+2	WSW	2	0	+	68	53	-	-	-	0.1			
Belfort	29.94	63	W	4	0	29.99	?	54	-2	W	5	0	+	70	50	-	-	-	0.1				
Lyons	29.97	65	NW	3	c	30.03	?	57	-3	NNW	1	0	+	72	?	-	-	-	0.1				
Nice	29.86	66	-	0	b	29.81	-0.1	68	+3	-	0	b	2	70	61	-	-	-	0.1				
Perpignan	30.04	66	W	2	0	30.06	-0.1	64	0	NW	2	b	+	70	59	-	-	-	0.1				
Sanguinaire	29.89	69	NNW	4	bc	29.95	?	69	-2	NW	3	w	3	77	61	-	-	-	0.1				
SPAIN, PORTUGAL, &c.	Corunna (S a.m.)																			0.1			
	Lisbon (S a.m.)	29.97	68	NW	5	b	29.96	+2	68	+5	N	4	b	5	77	63	-	-	-	0.1			
	Gibraltar	29.89	69	E	1	b	29.90	?	70	+5	E	3	0	+	+	+	-	-	-	0.1			
	Azores (P. Delgada)																			0.1			
	Azores (Horta)	30.46	67	ENE	4	b	30.46	+0.1	67	0	MNE	2	0	1	73	63	-	-	-	0.1			
Madeira (Funchal)	30.12	68	NE	3	bc	30.10	+0.2	67	-2	NE	3	bc	3	72	55	-	-	-	0.1				

GALES.
Duration and Extreme Force
on British Coasts.

* Information for these columns not usually received.

† Received too late for insertion in Charts.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 1ST JULY



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

Between an anticyclone off the western coasts and a shallow depression on the North Sea the cool,

changeable N.E. type of weather is likely to continue during the ensuing 24 hours.

FORECASTS FOR THE 24 HOURS NOON TUESDAY

TO NOON WEDNESDAY.

0 {
a Wind between N.W. and N.E.,
b fresh or strong at times locally;
gusty, generally dull, local showers,
rather cool.
1

2 {
a Wind between W. and N.,
b mostly light; dull generally,
3 some showers, local mist;
4 {
a continuing rather cool.
b
5

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

NO WARNINGS

ISSUED.

6 {
a N.E. breezes, fresh at times
b locally; dull generally, some
7 showers, local mist, gusty,
8 rather cool.
9 {
a
b
10 {
a
b

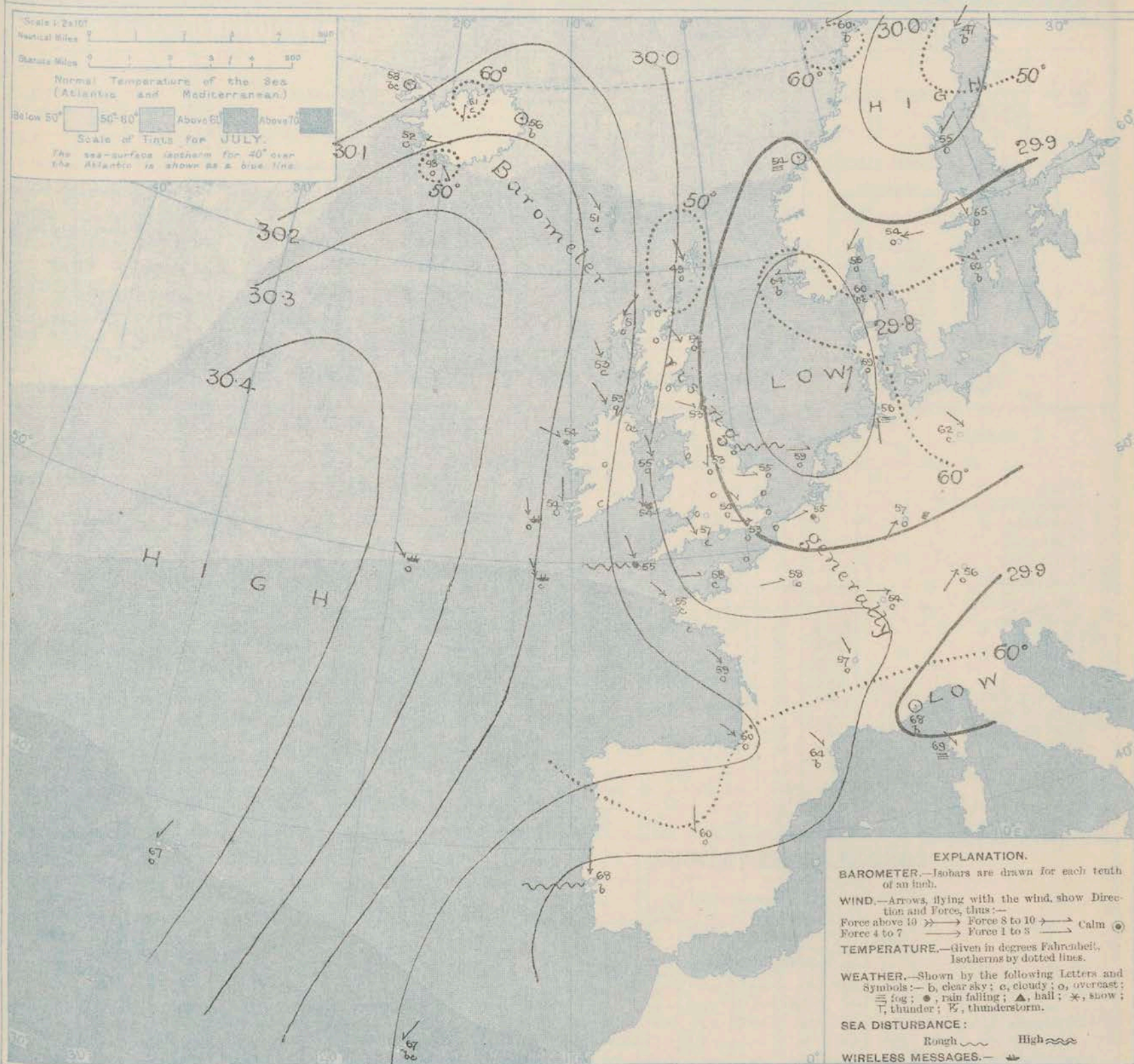
11 WESTERN CHANNEL AND BAY.

Wind between S.W. and N., light to fresh or strong, sea smooth to rather rough, fair to dull, local showers and mist; cool.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M.

TUESDAY, 2nd JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Wireless reports indicate the existence of a very extensive high pressure system on the Atlantic, with the barometer at about 30½ in. in the region round 50° N., 20° W. In a shallow depression covering the North Sea, pressure is at 29¾ in. The gradient is moderate to slight.

The winds show a cyclonic circulation round the pressure minimum, the N.E. current over the British Isles being fresh or strong in force locally. At the home stations temperature

ranges from 49° at Lerwick to 58° at Jersey; on the Continent from 54° at Belfort to 70° at Gibraltar; in Scandinavia from 47° at Haparanda to 64° at Skudeonaps; and in Iceland from 48° to 51°. Fine, clear weather is reported from the French Mediterranean shore and Northern Scandinavia, but elsewhere it is very cloudy or overcast. Rain is falling in a few isolated situations. The sea is rather rough off Sully and the mouth of the Humber, moderate to very smooth elsewhere.

DAILY WEATHER REPORT.

Tuesday 2nd July, 1912

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.	
2nd, 7 a.m.	49	18	Laconia	H	30.35	-10	NW	4-5	0	1st, 6 p.m.	49	18	Campania	H	30.48	-02	WNW	4-5	0
"	51	11	Campania	H	30.24	-01	N	4-5	0	"	50	20	California	O	30.53	+02	NW	6-7	0
"	48	11	Marquette	H	30.12	-05	WNW	4-5	0	"	50	16		O	30.37	+04	NW	6-7	0
1st, 6 p.m.	48.16	5.46	H.M.S.	H	30.10	-	N	4	bc	"	49	11	Laplard	O	30.24	+06	WNW	6-7	0
"	48	16	Dry Bulb, 60° Wet Bulb, 57° Sea Temperature, 54° Sea Disturbance, 4.							"	48	23	Campania	H	30.58	+02	W	1-3	bc
"	48	16	Laplard	O	30.38	+00	NW	4-5	0	"	46	27	Laconia	H	30.48	-01	S	1-3	bc
"	48	15	Marquette	H	30.34	-03	WNW	4-5	0	"	47	18	Marquette	H	30.44	+01	WNW	1-3	0
"	47	23	Laconia	H	30.56	-02	WSW	1-3	0	"	47	19	Mesaba	O	30.34	+02	W	4-5	0

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.					Hr.	England, S.E.		In.					Hr.
{ Oban ...		0.31	58	52	c	o.c.	0.0	{ Ramsgate ...		0.11	67	52	c	cr	0.6
{ Stonehaven ...		0.01	66	52	bcg	cr	0.2	{ Margate ...		0.09	66	53	o.cpg	otr	0.1
{ St. Andrews ...		0.03	62	49	r. bc	bc.	1.4	{ Deal ...		0.09	66	53	o.cpg	otr	0.1
{ Carnoustie ...		0.25	62	53	c.bcp	r.bcp	1.5	{ Littlestone ...		0.09	66	53	o.cpg	otr	0.1
{ Harrogate ...		0.06	61	53	r.o.c.	c.o	4.4	{ Folkestone ...		0.09	66	53	o.cpg	otr	0.1
{ Scarborough ...		0.07	60	55	o.c.b.	c.b.	3.2	{ Hastings ...		0.05	64	53	o	o.bcp	0.8
{ Blackpool ...		0.09	55	51	c	cr	0.5	{ Bexhill-on-Sea ...		0.05	64	53	o	o.bcp	0.8
{ Southport ...		0.06	57	51	o.bcp	bcg	6.0	{ Eastbourne ...		0.27	63	53	o	o.bcp	0.8
{ Buxton ...		0.02	59	55	b.r.	o	1.2	{ Seaforth ...		0.28	63	53	r.o.	c.r.c.	0.4
{ Douglas ...		0.04	59	53	bc.	bc.b.	1.3	{ Brighton ...		0.05	65	55	o.c. or o	o.r.c.	0.7
{ Rhyl ...		0.04	59	53	bc.	bc.b.	1.3	{ Worthing ...		0.07	65	54	c	c	0.7
{ Colwyn Bay ...		0.04	59	53	bc.	bc.b.	1.3	{ Bognor ...		0.07	65	54	c	c	0.7
{ Llandudno ...		0.02	59	53	bc.	bc.b.	1.3	{ Southsea ...		0.14	66	55	o.c.	ct.c.	1.4
{ Bettws y Coed ...		0.02	59	53	bc.	bc.b.	1.3	{ Bournemouth ...		0.25	65	52	r.o.	c.b.	1.3
{ Aberystwyth ...		0.02	59	53	bc.	bc.b.	1.3	{ Weymouth ...		0.14	67	53	c	c	6.3
{ Skegness ...		0.31	63	54	cr.	o	1.0	{ Teignmouth ...		0.06	65	55	c.b.	bc.	3.2
{ Lowestoft ...		0.80	63	53	o.c.o	optl	0.5	{ Torquay ...		0.03	65	55	o.c.	bc.c.	4.4
{ Felixstowe ...		0.09	66	54	o.c.	opt	1.2	{ Paignton ...		0.04	65	54	bc.	bc.	3.5
{ Southend-on-Sea ...		0.15	68	54	o.c.b.o.	opt.	0.7	{ Weston-super-Mare ...		0.09	66	55	bc.b.	bc.	4.0

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.			Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.	
Greenwich (Royal Obs.) ...	83	83	70	53	47	0.06	o	opt	0.8
City (Bunhill Row) ...	80	81	65	53	51	0.22	p.r.	bc.r	0.9
Westminster (St. James's Pk.) ...	80	81	65	53	51	0.22	p.r.	bc.r	0.9
Camden Sq. (Brit. Rainfall) ...	73	85	70	51	47	0.16	o.b.	bc	2.0
Hampstead (Reservoir) ...	87	87	65	50	41	0.14	c	thl	1.9
24 HOURS ENDED 9 A.M. TO-DAY.									
South Kensington ...	81	86	66	54	49	0.05	o	o	0.4
" (Roof of M.O.)	81	86	66	54	49	0.05	o	o	0.4
24 HOURS ENDED 5 P.M. YESTERDAY.									
South Kensington ...	81	86	66	54	49	0.05	o	o	0.4
" (Roof of M.O.)	81	86	66	54	49	0.05	o	o	0.4

Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.			Sunshine
		In Screen.	Min. on Grass.	Night.	Forenoon.	Afternoon.	
Dublin to 4 p.m.	0.17	63	53	52	c	c.b.	p.c
Plymouth to 9 p.m.	0.04	63	55	51	bc	bc	b.p.c
Darwen	0.99	60	51	50	on	bc	th.o
Manchester	0.24	60	53	50	o	c	o
Birmingham	0.07	58	52	46	o	r	c

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

2nd July, 1912.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	
Yarmouth ...	3.36	11.57	8.17
Greenwich ...	3.49	12.4	8.18
Wick ...	3.12	12.16	9.18
Valencia ...	4.27	12.45	9.2

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature reached 68° at Nottingham and Southend, but did not exceed 53° in St. Helens. Rain has fallen generally, the amounts ranging up to 2 inches at Dursley. Thunderstorms occurred in the south-east quarter of England. Jersey had 6½ hours of bright sunshine, but as a rule the records were very small, none in some localities. As far west as the 30th meridian ships experienced light to strong breezes between West and North 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. hour frost; z. dust-haze, or smoke.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

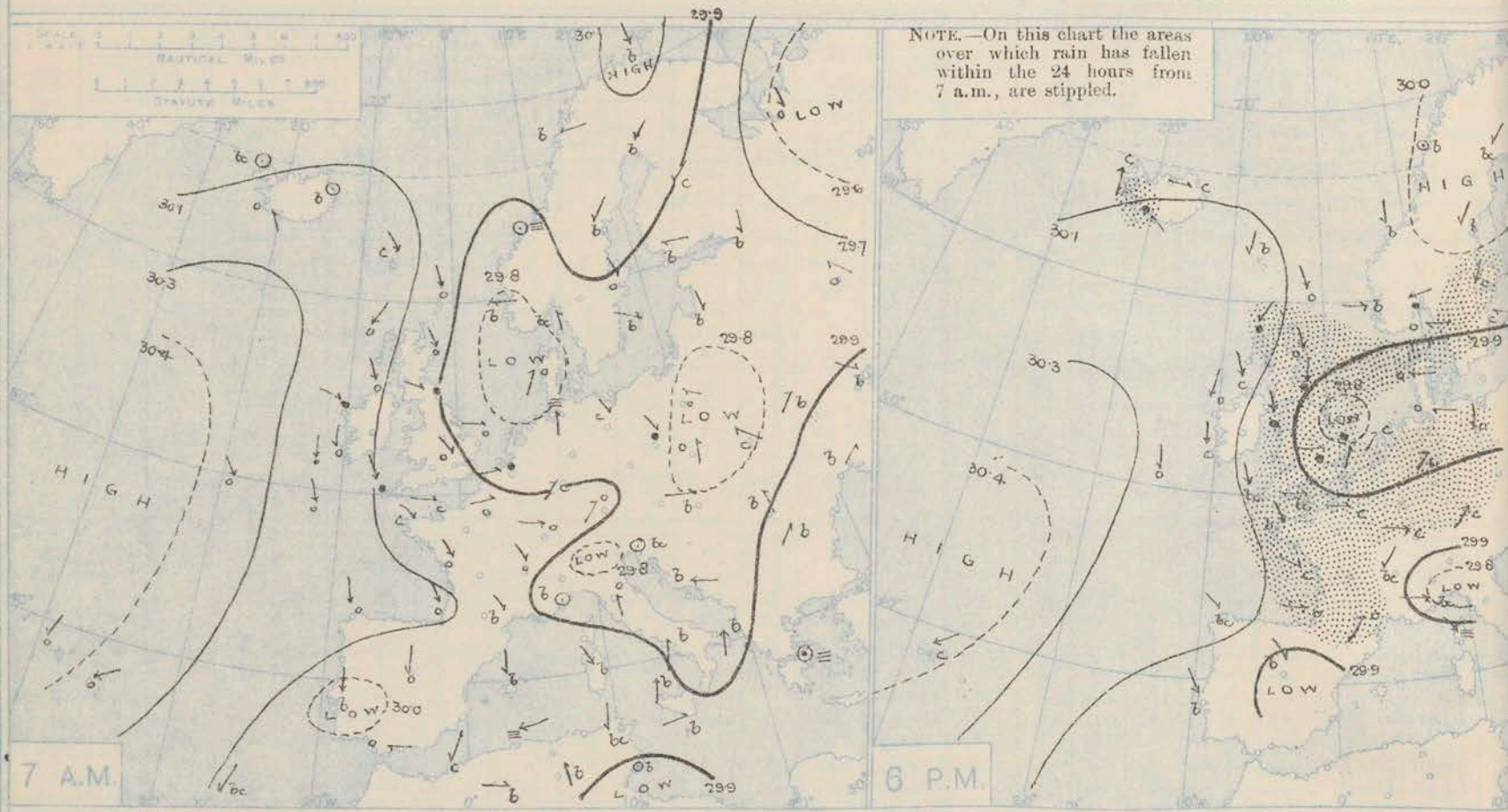
Wednesday, 3rd July, 1912.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temp.	Wind.		Weather.	Sea (0 to 9).	Rain- fall.	Temp.		Weather.					
				At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.		Dirac.	Force (0 to 12).		At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.				Dry Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.		Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
BRITISH ISLANDS.		Lerwick	30.03	51	NNW	5	0	30.11	+0.05	49	0	NNW	4	0	3	1	51	47	om	om	om	0
		Stornoway	30.17	52	NE	5	0	30.20	0.0	51	0	NNE	5	0	4	Trace	55	49	odp	c.odp	c	0.3
		Castlebay (Barra Isld.)	30.17	53	NNW	4	opq	30.19	+0.1	52	-1	NNE	3	0	3	1	55	51	c.og	opq	op.b.o	1.0
		Malin Head	30.13	53	NNW	6	cqg	30.13	0.0	52	-1	NNW	5	cqg	4	1	55	50	ggm	ggm	ggm	0
		Blackrod Point	30.22	56	NNE	4	0	30.18	0	55	+1	NNE	3	c	2	1	57	51	om	om	om	0
		Valencia	30.18	57	N	4	cv	30.13	-0.1	54	0	NNE	3	0	4	Trace	59	54	c.ov	cv	c	0.9
		Roche's Point	30.11	58	N	4	0	30.09	0	54	0	N	3	bc	3	1	61	54	0	0	o.e.bc	0
		Birr Castle	30.10	58	NW	4	c	30.09	0	52	-3	NW	4	0	0	1	60	50	c	c	o	0.3
		Donaghadee	30.04	57	NNW	5	cq	30.10	+0.3	52	-2	NNW	3	cq	2	1	59	51	b.uy	bcq	og	0
		Liverpool Obsy.	29.94	57	NNW	4	0	29.99	+0.1	54	-1	N	3	c	3	0.06	59	51	od	or	bc	0.1
		Holyhead	29.98	56	NNW	6	opm	30.02	+0.1	54	-1	NE	4	c	3	Trace	59	53	o.cmp	o.cmp	cm	0
		Pembroke (St. Ann's Hd.)	30.01	56	N	4	c	29.97	+0.2	54	0	N	4	cp	3	Trace	61	53	cqg	cqg	cqg	1.6
		Newquay	30.01	58	N	4	bc	29.95	0.0	56	+1	N	4	og	5	0.09	59	54	op.b.c	bc	cp.o	5.5
		Scilly (St. Mary's)	30.05	60	NNW	4	bc	29.99	0.0	55	0	N	4	cm	4	0.10	61	52	c	bc	og	5.6
		Jersey (St. Aubin)	29.97	61	W	3	bcm	29.90	0	55	-3	WNW	3	ogmcp	3	0.28	64	54	c.ogc	bcm	omgpo	8.6
		Portland Bill	29.93	59	NNW	3	c	29.91	0.0	55	-2	N	2	0	3	0.10	64	54	c	cr	cr	0
		Dungeness	29.86	58	W	3	c	29.84	+0.1	55	+2	N	1	0	1	Trace	64	52	c	cp	cr.o	0
		Dover	29.87	55	NW	3	r	29.87	0	54	-1	SW	1	0	4	0.04	64	51	cp	op	od.cem	1.0
		Wick	30.09	52	N	4	0	30.16	+0.2	49	-1	N	2	0	2	Trace	52	47	og	og	omd	0
		Nairn	30.10	54	NNE	2	e	30.16	0	51	-1	N	1	c	1	Trace	57	48	c	cq	c	0.7
		Aberdeen	30.05	50	NNW	4	0	30.14	+0.3	50	-2	NW	3	0	3	0.03	52	39	odq	od.r.o	od.o	0.0
		Leith	30.03	54	NE	1	0	30.13	+0.3	52	-4	E	2	0	4	0.01	58	51	og	opg	o	0
		North Shields	29.93	51	N	6	op	30.07	+0.4	52	-1	N	3	0	5	0.46	53	48	r	r	o	0.0
		Spurn Head	29.75	55	NNW	7	0	29.93	+0.3	56	+2	NE	6	cq	6	0.31	56	52	ogp	ogp	og.cq	0
		Yarmouth	29.79	55	SSW	3	r	29.90	+0.5	56	+1	ESE	5	r	3	0.17	56	53	ogr.o	od	omd	0.1
		Clacton-on-Sea	29.84	55	WSW	2	r	29.85	+0.2	56	+1	0	0	0	0	0.11	62	53	og	ogdr	od.rg	0.1
		Nottingham	29.86	53	NW	4	r	29.89	0	55	+2	NNE	4	0	0	0.45	56	52	otm	tm	tm.o	0.0
		Bath	29.94	57	NW	1	r	29.91	0	54	-1	N	1	0	0	0.26	65	53	0	0	0	2.2
		Oxford	29.90	54	WNW	2	r	29.88	0	53	-1	N	2	od	0	0.39	60	52	o.c.o	or	or.d	0
		London (Kew Obsy.)	29.89	55	W	2	om	29.86	+0.1	55	+1	WNW	1	om	0	0.30	61	53	om.o	otm	otm.o	0.0
ISLANDS & FAEROE.		Isafjord	29.95	62	S	4	c	29.89	-0.4	53	-5	SW	5	c	0	0	0	0	0	0	0	0
		Reykjavik	30.05	56	E	4	r	30.00	-0.2	52	0	S	3	c	0	0	0	0	0	0	0	0
		Vestmanna	30.15	50	SE	3	r	30.07	-0.1	50	+2	NW	2	bc	0	0	0	0	0	0	0	0
		Seydisfjord	30.08	57	W	1	c	29.99	+0.2	57	+1	0	0	bc	0	0	0	0	0	0	0	0
		Thorshavn	30.17	62	NNE	2	b	30.18	0.0	50	-1	SE	1	c	0	0	0	0	0	0	0	0
SCANDINAVIA.		Haparanda	30.04	54	NE	2	bc	30.10	+0.1	51	+4	N	2	bc	0	0	59	43	0	0	0	0
		Hernösand	30.08	49	NE	2	b	30.12	+0.1	55	0	NE	2	b	0	0	55	43	0	0	0	0
		Stockholm	29.93	53	NNE	4	0	29.98	+0.2	58	+3	NE	2	0	0	0.08	59	45	0	0	0	0
		Wisby	29.85	59	ESE	2	c	29.92	+0.4	57	-5	NE	2	c	0	0	64	55	0	0	0	0
		Karlstad	29.97	55	ENE	4	bc	30.04	+0.2	54	0	NNE	4	b	0	Trace	57	43	0	0	0	0
		Färder (Xania Fjord)	29.95	56	ENE	5	r	30.04	+0.2	56	0	NE	4	b	2	0	63	55	0	0	0	0
		Bodö	30.01	62	0	0	b	30.03	+0.1	62	+2	E	1	b	1	0	64	48	0	0	0	0
		Christiansund	29.93	58	N	1	b	30.02	+0.4	57	+3	N	1	w	1	0	59	54	0	0	0	0
		Skudesnaes	29.96	60	W	4	b	30.02	+0.2	57	-7	0	0	b	2	0	72	52	0	0	0	0
		The Scaw (Skagen)	29.91	59	E	3	0	29.98	+0.3	57	-3	NE	4	b	1	0	64	54	0	0	0	0
		Blaavands Huk	29.89	59	E	1	0	29.95	+0.3	58	-1	NE	2	w	1	Trace	70	50	0	0	0	0
GERMANY, &c.		Cuxhaven	29.84	60	E	2	0	29.91	+0.3	62	+6	E	2	b	0	0	66	55	0	0	0	0
		The Helder	29.83	58	SSW	1	c	29.95	+0.2	60	+1	NNE	1	c	0	0	63	52	0	0	0	0
		Brussels	29.88	56	SSW	1	0	29.93	+0.3	55	0	SE	1	f	0	0.04	66	50	0	0	0	0
		Berlin	29.84	58	N	1	0	29.89	+0.2	55	-7	SW	1	c	0	0.12	70	55	0	0	0	0
		Frankfurt	29.92	58	SW	3	bc	29.97	+0.2	56	-1	SW	1	w	0	0.20	68	50	0	0	0	0
		Munich	29.96	56	SW	5	c	30.00	+0.1	59	+3	S	2	bc	0	0.04	64	50	0	0	0	0
FRANCE.		C. Gris Nez	29.86	58	WSW	3	r	29.87	+0.1	56	0	SE	3	0	2	0.08	66	54	0	0	0	0
		La Hève	29.96	58	NW	2	w	29.91	0	54	-2	SW	4	r	3	0	68	52	0	0	0	0
		Brest (St. M. bleu)	30.05	60	NNW	4	b	29.99	-0.2	55	0	NNW	4	0	2	0.08	63	54	0	0	0	0
		Lorient (Roc Melen)	29.97	61	WNW	3	0	29.95	0	56	-1	NW	1	r	2	0.08	66	52	0	0	0	0
		Rochefort (Ile d' Aix)	30.03	68	WNW	3	c	29.95	0	61	+2	W	3	0	0	0.12	68	57	0	0	0	0
		Biarritz	30.07	61	W	4	0	30.00	0	59	-1	WSW	4	r	3	0.43	63	54	0	0	0	0
		Paris	29.91	63	WSW	2	bc	29.92	0.0	57	-1	0	0	bc	0	0.16	68	51	0	0	0	0
		Belfort	29.96	60	W	5	c	29.98	0	55	+1	E	2	w	0	0.12	66	46	0	0	0	0
		Lyons	30.00	62	NE	1	bc	29.96	0	56	-1	NW	1	0	0	0	71	53	0	0	0	0
		Nice																				

* Information for these columns not usually received.

† Received too late for insertion in Chart.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 2ND JULY,



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The changes in the distribution of pressure are becoming favourable to a variable

Northerly to easterly type of weather over the British Isles.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

- 0 { a }
b }
- 1 Wind between North and East,
- 2 { a } fresh at times locally; cloudy to
b } dull, some rain, local thunder,
- 3 fairer later; very cool.
- 4 { a }
b }
- 5 { Calms and light variable breezes,
North-Easterly later; dull, some rain, local
thunder, fairer later; day temperature rather low.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

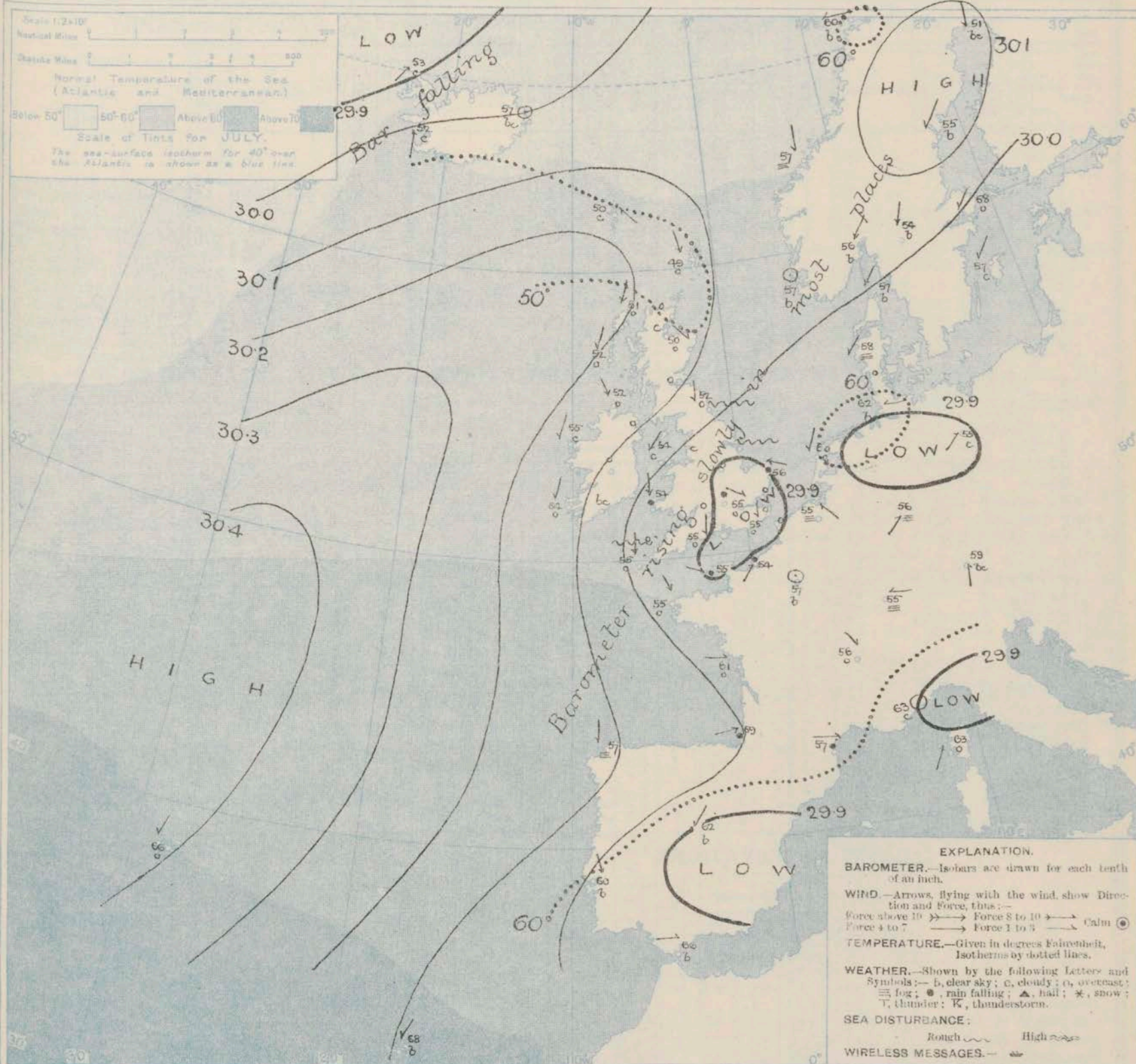
Signals hoisted last evening at 7.15

- 6 { a }
b }
- 7 { a } Northerly and North-Easterly
b }
- 8 { a } breezes, fresh at times in places;
b } dull, some rain, local thunder,
- 9 { a } fairer later; day temperature rather low.
b }
- 10 { a }
b }
- 11 WESTERN CHANNEL AND BAY.
Northerly to Westerly breezes,
fresh at times; sea smooth to moderate,
cloudy to dull, some rain and mist;
very cool.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M.

WEDNESDAY, 3rd JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An area of high pressure still covers the Eastern Atlantic, the barometer being above 30.4 in. at the Azores, and 30.2 in. in the Hebrides. A smaller anticyclone, with pressure above 30.1 inch, lies over Northern Scandinavia. The rest of the region under observation is covered by a number of small, shallow depressions, with the barometer below 29.9 in. The gradient is slight generally.

N.E. and N.W. breezes prevail in most parts of these islands and over Scandinavia, but elsewhere the direction is very variable. A fresh breeze is reported at Yarmouth and Stormoway, a

strong breeze at Spurn Head, but as a rule the force is light. At the home stations temperature ranges from 49° at Lerwick and Wick to 56° at Newquay and on the east coast of England; on the Continent from 54° at Havre to 66° at Gibraltar; over Scandinavia from 51° at Haparanda to 62° at Bodö; and in Ireland from 50° to 59°. Fair to fine clear weather prevails over Scandinavia and Southern Spain, but elsewhere it is mostly very cloudy to dull and gloomy, and rain is falling in various parts of Southern England and Western and Southern France. A rough sea is running at the entrance to the Humber, and rather rough off the Tyne and Newquay, but generally it is slight to very smooth.

DAILY WEATHER REPORT.

Wednesday, 3rd July, 1912

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.	
2nd, 6 p.m.	38	14	Laconia	H	30.25	-0.06	N	1-3	0										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.					Hr.	Ramsgate ...	0.15					0.1
Oban ...		61	51	bc.c.	bc.c.b.	6.0	Margate ...	0.12	62	55	o	o	0.0
Stonehaven ...	0.04	58	51	2.og.	2.og.	0.0	Deal ...	0.02	64	50	apmg	cgd.	0.1
St. Andrews ...							Littlestone ...						1.1
Carnoustie ...	0.02	56	52	c	c	0.0	Folkestone ...		64	52	bc	p.bc.	1.1
England, N.E.							Hastings ...		63	49	o	od	0.4
Harrogate ...	0.32	53	49	or	r	0.0	Bexhill-on-Sea ...		64	50	o	bc.o	0.8
Scarborough ...		54	51	ogr	ogr	0.0	Eastbourne ...		67	51	o	c.o	0.7
England, N.W.							Seaford ...	0.02	66	50	f.bc	c.o.r.	1.5
Blackpool ...	0.07	59	51	or	o.c.	0.2	Brighton ...	0.06	66	52	or.o.c.o	o.c.or	1.3
Southport ...	0.06	58	53	o.b.c.p.	o.b.c.	0.0	Worthing ...	0.11	64	51	c.	or	1.6
Buxton ...	0.40	54	47	er	er	0.2	Bognor ...						1.0
Douglas ...		60	51	o.cq.	o.cq.p.	4.0	Southsea ...	0.17	63	54	o.	c.b.r.	1.2
Wales.							Bournemouth ...	0.12	64	52	o.c.	d.o.	1.5
Rhyl ...	0.11	57	54	o.	r.o	0.0	Weymouth ...	0.01	67	53	c.or.	a	2.3
Colwyn Bay ...	0.05	60	55	bc.b.	b.p.bc.	0.8	Teignmouth ...		66	55	o.	bc.o	1.3
Llandudno ...	0.01	62	54	c	o	1.7	Torquay ...		66	54	o.c.	c.o	2.7
Bettws y-Coed ...		60	54	c.bc	c	2.4	Paignton ...	0.02	67	54	bc	bc	2.9
Aberystwyth ...		59	55	o.c	c.o	3.0	Weston-super-Mare ...	0.10	65	55	b.bc.	er	4.0
England, E.													
Skegness ...	0.32	55	51			0.3							
Lowestoft ...	0.08	58	54	or	or	0.0							
Felixstowe ...	0.06	60	51	m.og.	m.og.	0.3							
Southend-on-Sea ...	0.11	62	52	r.c.b.	c.or	0.6							

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine	
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In.	Max.	Min.	Min. on Grass.	Night.	Fore-noon.		After-noon.
			Max.	Min.																
24 HOURS ENDED 9 A.M. TO-DAY.																				
Greenwich (Royal Obsy.) ...	%	%				In.				Hr.	Dublin to 4 p.m.	In.							Hr.	
City (Banhill Row) ...	82	80	63	52	52	0.30	0	or	or	0.0	Plymouth to 9 p.m.	0.05	63	52	50	c	c.0	0	0.0	
Westminster (St. James's Pk.)	84	82	63	53	55	0.25	r	r	r	0.0	Darwen	0.24	65	53	47	bc	bc	bc.0	6.2	
Camden Sq. (Brit. Rainfall)	89	82	64	53	51	0.25	0	or	or.og	0.0	Manchester		57	49	46	og	ru	ou	0.0	
Hampstead (Reservoir) ...		83	61	51	48	0.28	or	or	0	0.2	Birmingham	0.42	58	50	44	r	r	r	0.1	
24 HOURS ENDED 6 P.M. YESTERDAY.																				
South Kensington ...			62	53	48	0.14	5.0.	0	or.0d	0.0										
" " (Roof of M.O.)	86	86	62	54	.	.														

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

3rd July, 1912.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	
Yarmouth ...	{ 3.37 3.38	{ 11.57 11.57	{ 8.17 8.16
Greenwich ...	{ 3.50 3.51	{ 12.4 12.4	{ 8.18 8.17
Wick ...	{ 3.14 3.15	{ 12.16 12.16	{ 9.18 9.17
Valencia ...	{ 4.28 4.29	{ 12.45 12.45	{ 9.2 9.1

NOTES ON YESTERDAY'S WEATHER.

Over an extensive portion of the British Isles temperature remained below 60° throughout yesterday, Aberdeen not exceeding 52°, and Lerwick 51°. Only Paignton, Weymouth and Eastbourne touched 67°. Rain fell in all parts of Britain, heaviest over eastern England, half inch locally. Jersey registered 8½ hrs. of bright sunshine, but as a rule there was more or less than any hour.

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

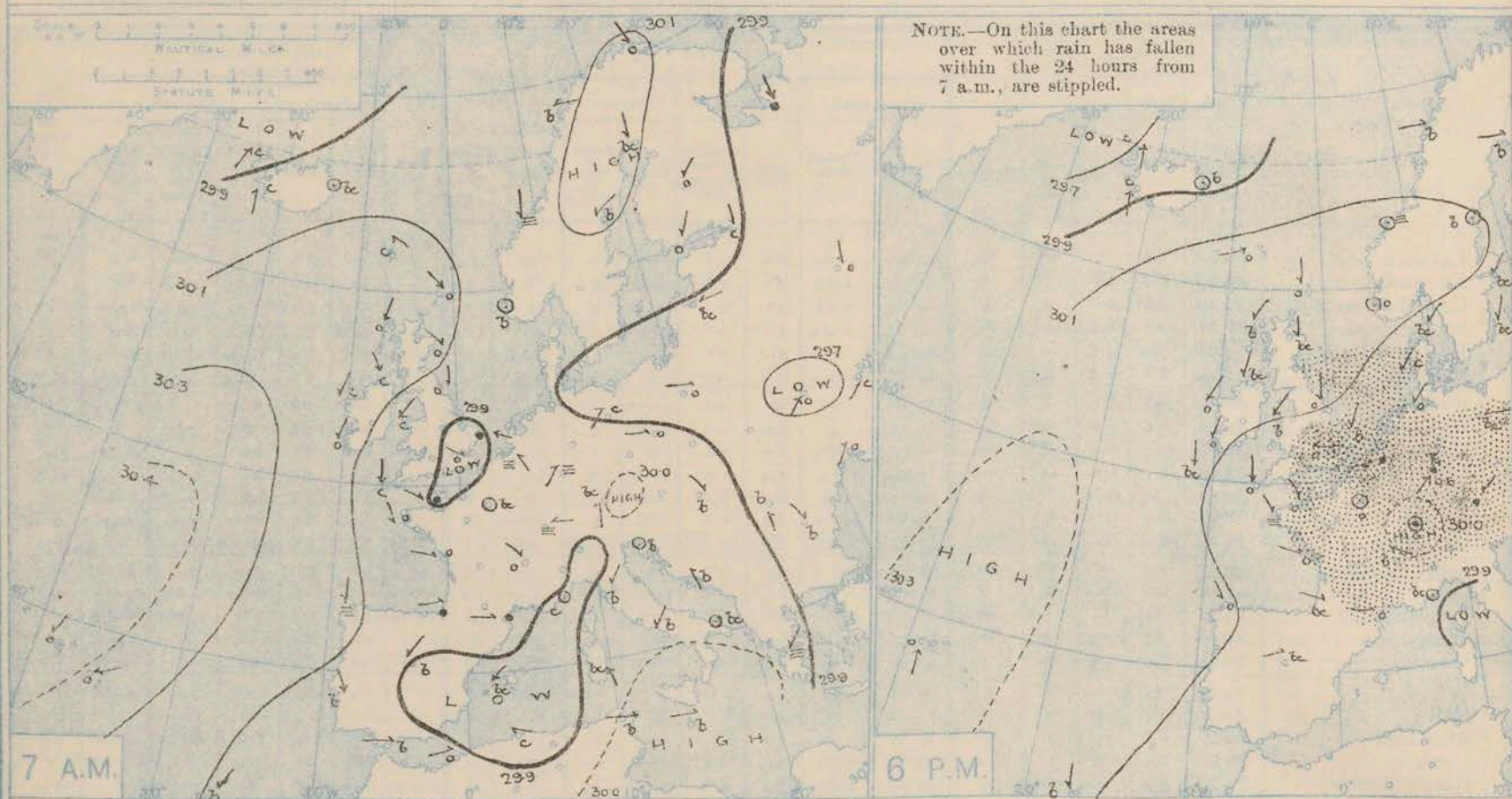
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,
4th July, 1912.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.	WIND.		Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
				At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.		Dirac.	Force (0 to 12)		At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.				Dry Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12)	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.	°						Hours.			
BRITISH ISLANDS.	Lerwick	30.20	52	N	3	0	30.24	+0.1	50	+1	W	2	bc	1	-	56	46	bc	om	bc	*		
	Stornoway	30.25	55	NE	3	b	30.30	+0.3	56	+5	NW	2	b	2	-	58	44	o.c	bc.b	b	5.6		
	Castlebay (Barra Isd.)	30.24	56	NW	3	c	30.32	+0.2	53	+1	NW	3	c	3	-	57	50	o.c	c.o.c	c.bc	5.1		
	Malin Head	30.21	55	NNE	3	bcy	30.32	+0.3	53	+1	NNW	1	o	0	-	57	51	bc	y	og	*		
	Blacksod Point	30.21	56	NE	4	o	30.30	?	56	+1	NE	2	bc	2	-	58	50	om	om	om	*		
	Valencia	30.14	58	NNE	3	o	30.25	+0.4	58	+4	E	2	by	4	-	59	52	o	o	bcy	0.0		
	Roche's Point	30.11	63	N	3	c	30.26	*	56	+2	NNE	2	b	1	-	64	55	bc.c	o.c	c.bcy	*		
	Birr Castle	30.13	61	NE	2	c	30.28	*	49	-3	NE	3	f	0	-	63	45	o	c	f	1.0		
	Donaghadee	30.19	57	NW	2	bc	30.31	+0.6	54	+2	N	1	o	1	-	60	51	bc	c	bcy.og	*		
	Liverpool Obsy.	30.10	61	NE	4	bc	30.26	+0.3	54	0	ENE	2	m	2	-	62	51	og	bm	cm	0.5		
	Holyhead	30.10	59	NE	5	b	30.26	+0.3	55	+1	NE	3	o	2	-	59	53	bm	om	cm	*		
	Pembroke (St. Ann's Hd.)	30.01	60	NNE	3	c	30.21	+0.6	57	+3	NE	1	bm	2	-	62	53	cq	cq	cgm	0.2		
	Newquay	29.94	59	N	4	og	30.13	+0.3	59	+3	E	1	by	3	-	59	55	og	og	bc	1.1		
	Scilly (St. Mary's)	29.97	57	N	4	om	30.10	+0.4	58	+3	E	4	cm	3	-	61	54	om	om	om	1.3		
	Jersey (St. Aubin)	29.94	60	NNW	2	o	30.10	*	60	+5	ENE	4	bm	4	0.03	62	54	og	c.og	ogm	0.3		
	Portland Bill	29.95	59	E	1	b	30.15	+0.4	58	+3	NE	4	c	3	0.06	62	54	cp	bc	bc.cp	*		
	Dungeness	29.96	62	ENE	3	bc	30.12	+0.6	60	+5	NE	4	c	3	0.14	62	54	c.bc	bc	cp.c	*		
	Dover	29.99	60	NE	4	c	30.13	*	60	+6	NNE	4	c	3	Trace	63	54	m.co	o.c	c.bc.c	1.3		
	Wick	30.24	53	NNW	2	c	30.31	+0.2	50	+1	-	0	om	1	-	56	46	o.c	cm	om	*		
	Nairn	30.21	59	ENE	1	b	30.29	*	50	-1	W	1	c	1	-	61	42	c	b	c	6.1		
	Aberdeen	30.22	57	N	3	bc	30.31	+0.2	51	+1	NW	2	o	2	-	59	50	o.c	o.c.bc	bc.o	2.4		
	Leith	30.20	56	NE	2	bc	30.30	+0.3	54	+2	-	0	og	+	Trace	59	51	o.c	c.bc	c.o	*		
	North Shields	30.20	53	N	3	o	30.30	+0.3	50	-2	NNW	3	og	3	0.02	54	48	o	o	r	0.0		
	Spurn Head	30.11	58	NE	6	c	30.23	+0.2	54	-2	N	6	og	5	-	62	52	cq	cq	c.og	*		
Yarmouth	30.04	61	NNE	3	b	30.18	+0.5	58	+2	N	2	c	2	0.03	63	55	bc	b	bc.o	7.3			
Clacton-on-Sea	29.99	62	NE	3	b	30.15	+0.8	58	+2	NNE	2	o	1	-	63	54	og	o.bc.b	b.bc.c	3.4			
Nottingham	30.07	61	NE	5	c	30.24	*	53	-2	NE	3	o	+	0.01	64	52	sp	o.c	c.o	2.5			
Bath	29.99	62	E	3	o	30.21	*	58	+4	ENE	2	o	+	0.19	64	55	-	-	-	0.6			
Oxford	30.06	59	ENE	2	o	30.24	*	55	+2	NE	4	o	+	0.03	63	53	o.c	o.c	om.o	*			
London (Kew Obsy.)	30.01	60	E	3	om	30.19	+0.6	57	+2	NE	3	om	+	Trace	61	54	omdg	om	om.c.b.c	0.2			
ICELAND & FAEROE.	Isafjord	29.70	57	S	5	c	29.84	+0.8	51	-2	SW	8	bc	+	+	+	+	+	+				
	Reykjavik	29.81	60	S	7	c	30.04	+0.4	50	-2	W	6	r	+	+	+	+	+	+				
	Vestmanna	29.99	52	SSE	1	f	30.13	+0.3	49	-1	W	4	c	0	+	+	+	+	+				
	Seydisfjord	29.93	66	-	0	b	29.89	+0.5	57	0	SW	8	bc	+	+	+	+	+	+				
	Thorshavn	30.18	51	WSW	5	o	30.13	00	55	+5	W	5	m	+	+	+	+	+	+				
SCANDINAVIA.	Haparanda	30.05	53	W	2	b	30.00	-0.2	57	+6	SW	4	b	+	+	+	+	+	+				
	Hernösand	30.11	56	-	0	b	30.10	00	63	+8	-	0	b	+	+	+	+	+	+				
	Stockholm	30.09	54	NE	2	bc	30.13	+0.1	59	+1	N	2	b	+	+	+	+	+	+				
	Wisby	30.06	55	NNE	2	bc	30.15	+0.4	57	0	NNE	2	b	+	+	+	+	+	+				
	Karlstad	30.10	62	-	0	bc	30.13	+0.2	62	+8	W	2	b	+	+	+	+	+	+				
	Færder (X'ania Fjord)	30.10	64	-	0	b	30.16	+0.2	64	+8	SSW	1	b	1	-	64	55	-	-	-			
	Bodö	30.05	57	W	2	b	30.02	00	54	-2	SW	4	bc	2	-	63	52	-	-	-			
	Christiansund	30.12	60	-	0	m	30.16	+0.4	56	-1	W	1	f	1	-	61	54	-	-	-			
	Skudesnaes	30.14	57	-	0	o	30.21	+0.2	57	0	NNW	2	o	2	-	59	52	-	-	-			
	The Scaw (Skagen)	30.08	59	NE	2	bc	30.17	+0.4	60	+3	-	0	b	0	-	63	52	-	-	-			
Blaavands Huk	30.04	61	NE	2	c	30.15	+0.4	61	+3	ESE	2	c	1	0.04	64	50	-	-	-				
GERMANY, &c.	Cuxhaven	29.97	63	NE	2	o	30.10	+0.4	59	-3	E	3	o	+	+	+	+	+	+				
	The Helder	30.01	63	NNE	5	b	30.12	+0.3	60	0	NNE	4	r	1	0.20	66	59	-	-	-			
	Brussels	29.98	55	WSW	1	r	30.09	+0.4	55	0	NNW	1	o	+	0.08	71	52	-	-	-			
	Berlin	29.92	65	E	1	bc	30.04	+0.5	57	+2	N	2	o	+	0.08	68	54	-	-	-			
	Frankfurt	29.96	61	SW	4	thr	30.06	+0.4	56	0	SW	1	r	+	0.63	70	54	-	-	-			
	Munich	29.92	54	NE	2	r	30.06	+0.3	54	-5	W	2	bc	+	0.32	68	50	-	-	-			
	C. Gris Nez	29.99	60	NNE	4	c	30.12	+0.5	59	+3	NNE	5	c	3	Trace	66	55	-	-	-			
FRANCE.	La Hève	29.98	55	ENE	3	o	30.10	*	60	+6	NE	2	m	1	0.24	68	52	-	-	-			
	Brest (St. Mathieu)	29.99	58	NNW	3	m	30.09	+0.4	57	+2	NE	2	m	2	-	61	55	-	-	-			
	Lorient (Bec Meien)	29.93	59	NW	2	o	?	*	56	0	ENE	3	o	2	0.12	64	52	-	-	-			
	Rochefort (Ile d' Aix)	29.98	60	WNW	3	o	30.04	*	61	0	SE	2	o	+	0.12	68	55	-	-	-			
	Biarritz	30.04	64	WNW	3	bc	30.03	*	60	+1	ESE	3	bc	2	-	64	54	-	-	-			
	Paris	29.95	60	-	0	o	30.09	+0.5	54	-3	NE	1	f	+	0.12	68	48	-	-	-			
	Belfort	30.06	51	-	0	r	30.10	*	54	-1	W	2	m	+	0.35	62	49	-	-	-			
	Lyons	29.99	62	ESE	1	b	30.08	*	58	+2	N	1	b	+	0.04	65	49	-	-	-			
	Nice	29.91	63	-	0	bc	29.93	+0.2	66	+3	E	1	b	0	-	72	55	-	-	-			
	Perpignan	29.98	67	W	2	o	30.03	+0.1	64	+7	-	0	o	+	0.24	73	56	-	-	-			
Sanguinaire	29.87	68	N	3	r	29.91	*	69	+6	N	3	m	3	-	75	59	-	-	-				
SPAIN, PORTUGAL, &c.	Corunna (S.a.m.)	30.11	62	NNW	3	o	29.99	00	58	+1	NNW	1	o	3	-	63	54	-	-	-			
	Lisbon (S.a.m.) †	30.00	59	NNW	4	b	30.01	+0.4	61	+1	NNW	3	bc	2	-	70	5						

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 3RD JULY,



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

A general increase of pressure is now in progress, and an improving N.W. to E. type

of weather is setting in over these islands.

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

0 {
a N.W. (N.W. to N.E.) breezes,
b light to moderate; dull to fair
or fine, some local showers;
rather cool.

2 {
a Light to moderate breezes
b between N. and E.; dull to
fair or fine; some increase
of 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 { Same as Nos. 0 and 1.

7 {
a Light to moderate N.E.
b and E. breezes; dull to fair
or fine, misty in places;
cool to moderate temperature

10 {
a
b

11 WESTERN CHANNEL AND BAY.

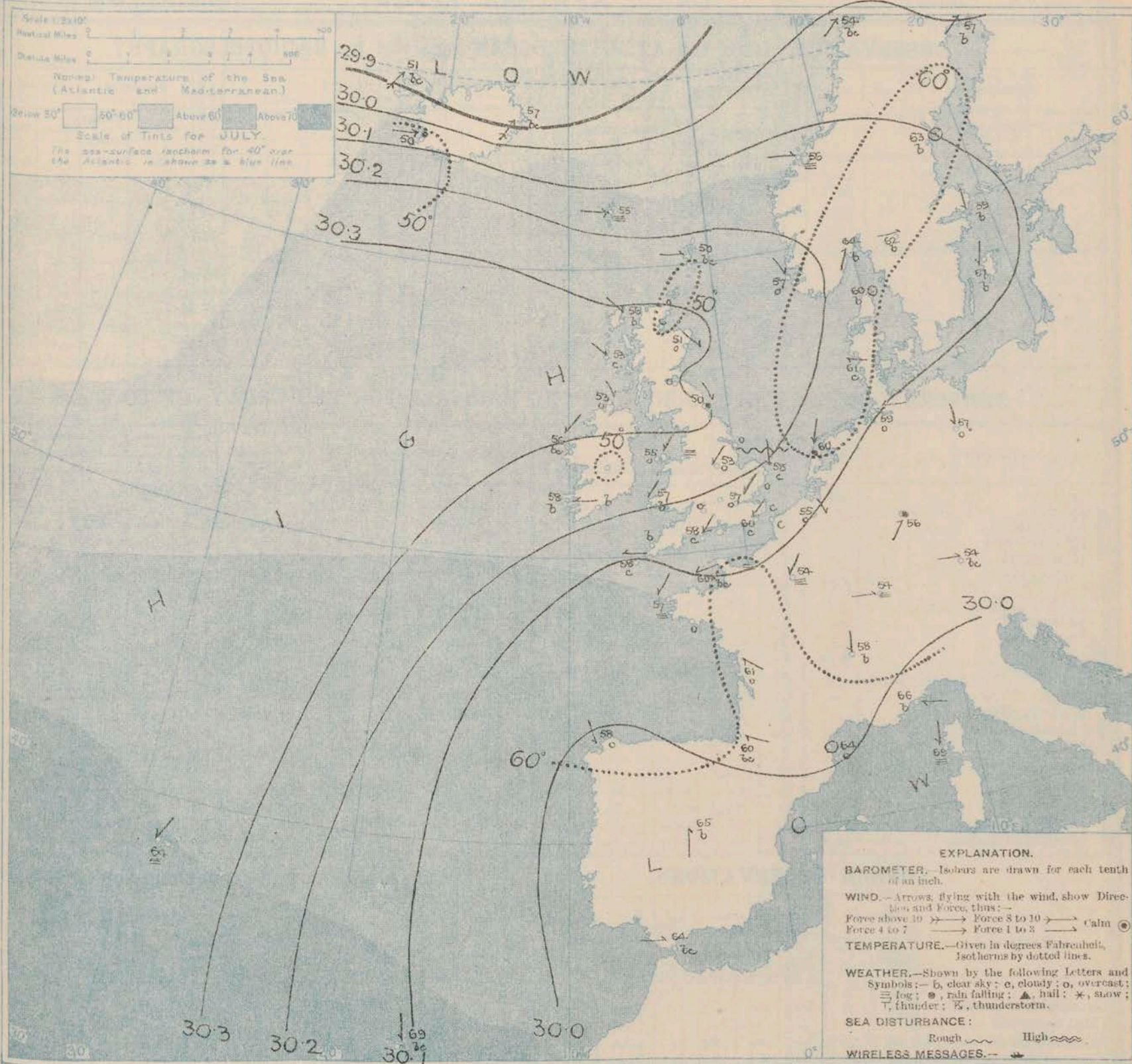
Light to moderate N.E. and E. breezes; sea slight to moderate; dull to fair or fine, local showers and mist; cool.

THE FURTHER OUTLOOK. (ALL DISTRICTS.)

Conditions improving generally.

SYNOPTIC CHART FOR 7 A.M.

THURSDAY, 4th JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An area of high pressure now covers nearly the whole of the region under observation, extending from the Atlantic to Northern Russia. Over Scotland, the North of Ireland and the Azores the barometer is above 30.3 in. In a depression beyond the Arctic Circle pressure is below 29.9 in. along the north coast of Iceland. The gradient is moderate across Iceland, slight elsewhere.

S.W. to E. breezes prevail over the more northern regions, E. to S. elsewhere. In Iceland strong winds to a gale are reported, but

over our area generally the force is light. Over the British Isles temperature ranges from 49° at Birr Castle to 60° at Dover, Dungeness and Jersey; on the Continent from 54° at Paris, Belfort and Munich to 66° at Nice; in Scandinavia from 54° at Bodö to 64° at Færder; and in Iceland from 49° to 58°. The weather is fine and clear over Sweden, but in other countries it is mostly very cloudy to dull, with rain at a few isolated stations, fog at Birr Castle, Paris and Christiansund. The sea is rather rough off the Humber, but generally it is slight to very smooth.

DAILY WEATHER REPORT.

Thursday, 14th July, 1912

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
3rd, 6 p.m.	50° 21'	11°	Lake Erie	0	30.15	+0.2	N	4-5	bc										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	—	66	48	b. bc	b. bc	11.5	England, S.E.	Ramsgate	0.09	62	52	r. o	o	1.9
	Stonehaven	—	57	48	bc	bc	3.9		Margate	0.07	62	52	r. o	o	0.0
	St. Andrews	—	—	—	—	—	—		Deal	0.07	64	52	or. c.	c. bc	1.7
	Carnoustie	—	58	49	bc	b	5.1		Littlestone	—	—	—	—	—	—
England, N.E.	Harrogate	0.08	58	48	o. c.	o	0.7	England, S.E.	Folkestone	0.05	62	52	c. bc. b.	bc. b.	2.0
	Scarborough	—	57	52	o. c.	o. c.	0.0		Hastings	0.09	62	53	or. o.	o. bc. c.	2.3
	Blackpool	—	64	52	or. c.	cm	6.2		Bexhill-on-Sea	0.08	62	54	o.	o. bc.	2.7
	Southport	—	63	51	b. bc. o	o. bc. b.	8.0		Eastbourne	0.18	62	53	or. bc. b.	b. bc.	2.4
England, N.W.	Buxton	0.12	60	48	—	—	2.0	England, S.E.	Seaford	0.26	64	53	r. o	c. bc.	2.5
	Douglas	—	61	51	bc. g.	bc. g.	8.0		Brighton	0.16	61	54	or. o.	o. c. o.	0.6
	Rhyl	—	62	55	o. c.	bc. c.	1.0		Worthing	0.15	63	53	e	c	1.4
	Colwyn Bay	—	61	54	bc. c.	c.	?		Bognor	—	—	—	—	—	1.5
Wales.	Llandudno	—	62	54	o	o	0.0	England, S.W.	Southsea	0.16	63	53	o. c.	c	2.3
	Bettws y-Coed	—	—	—	—	—	—		Bournemouth	0.21	64	52	r. o.	c. o.	1.8
	Aberystwyth	—	64	55	c. o.	o	2.5		Weymouth	0.11	63	52	d. o.	o. c. bc.	2.3
	Skegness	—	62	54	o. bc.	bc. o.	7.3		Teignmouth	0.06	61	55	c. or	r. or	0.0
England, E.	Lowestoft	0.03	63	53	or. c.	c. bc. o.	5.5	England, S.W.	Torquay	0.04	60	56	o	o	0.2
	Felixstowe	0.06	63	53	d. om.	c. bc. m.	5.1		Paignton	0.04	62	55	bc. p.	p. o.	0.0
	Southend-on-Sea	0.08	63	53	d. bc. c.	c. bc. b.	1.1		Weston-super-Mare	—	63	53	op	bc	0.3

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rainfall.	WEATHER.			Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.	Min. on Grass.		Forenoon.	Afternoon.	Night.	
	%	%	Max.	Min.	Min.		Forenoon.	Afternoon.	Night.	
Greenwich (Royal Obs.)	75	79	62	53	42	—	od	od. o	o. bc.	0.2
City (Bunhill Row)	—	—	—	—	—	—	—	—	—	0.1
Westminster (St. James's Pk.)	69	78	62	56	52	—	bc	bc	bc. u	0.2
Camden Sq. (Brit. Rainfall)	75	81	65	54	47	—	o	ag	o	0.2
Hampstead (Reservoir)	—	80	65	53	45	0.01	op	o	o	0.3
24 HOURS ENDED 9 A.M. TO-DAY.										
South Kensington	—	—	61	53	53	0.17	for. od	avg	od. o. y. o	0.1
" (Roof of M.O.)	75	78	61	53	—	—	—	—	—	—

Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
		In Screen.	Min. on Grass.	Night.	Forenoon.	Afternoon.	
	In.	Max.	Min.	Night.	Forenoon.	Afternoon.	
Dublin to 4 p.m.	—	61	52	51	o	o	c. bc.
Plymouth to 9 p.m.	0.01	61	55	53	o	bc	bc. bc.
Darwen	0.01	58	49	49	or. u.	bc. g.	og
Manchester	—	—	—	—	—	—	—
Birmingham	0.40	61	50	46	r	r	c

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

4th July 1912	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.38	11.57	8.16
	3.38	11.57	8.16
Greenwich	3.51	12.4	8.17
	3.51	12.4	8.17
Wick	3.15	12.16	9.17
	3.16	12.16	9.16
Valencia	4.29	12.45	9.1
	4.29	12.45	9.1

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature continued low throughout the British Isles, only Oban touching 66°, many localities remaining below 60°. A little rain fell over southern and eastern England. As a rule the bright sunshine records were very small, none at several stations, but Oban reports 11½ hours up to 6 p.m.

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.

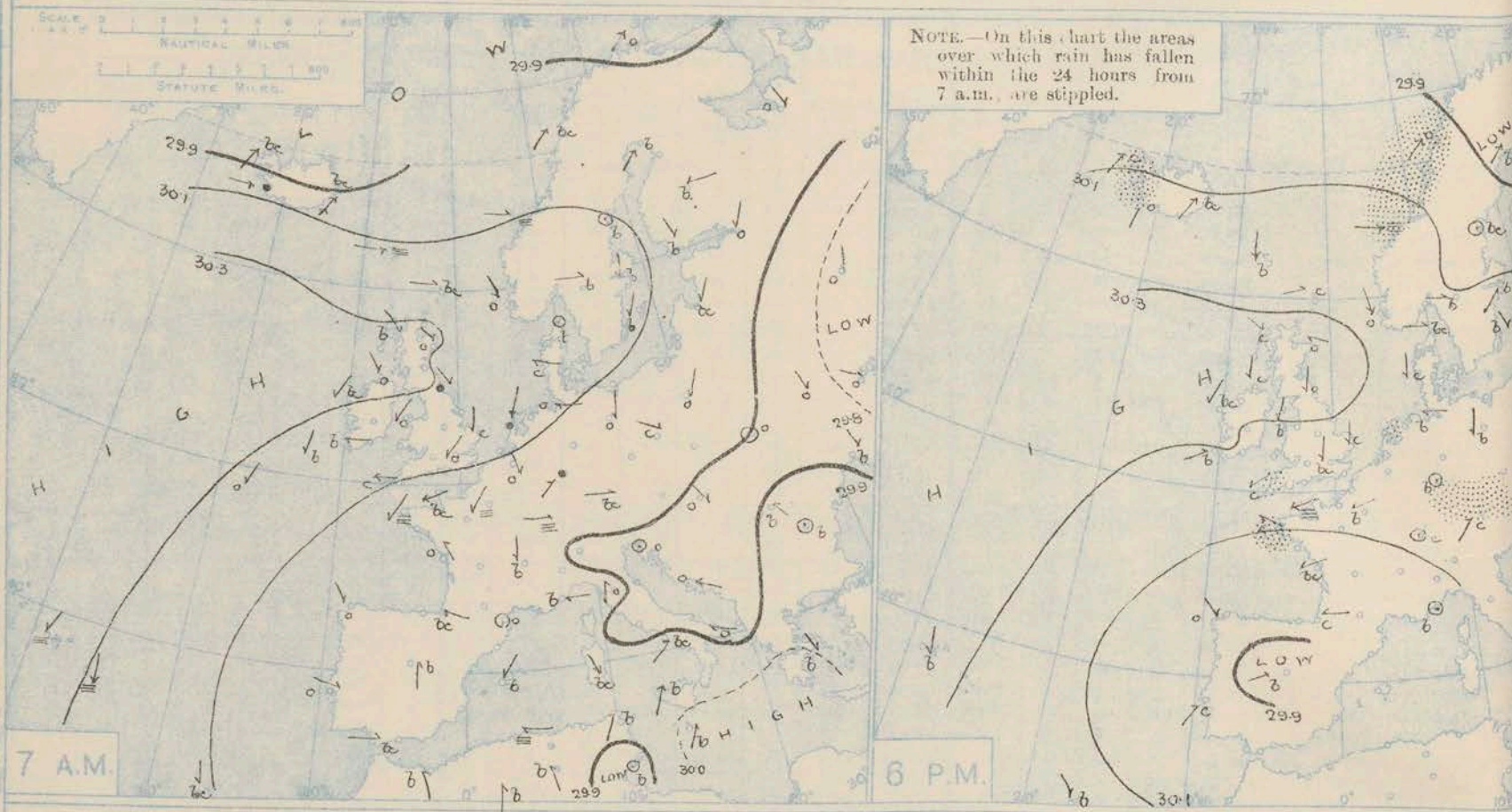
Friday,
5th July, 1912.

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° Fabr. and M.S.L. Lat. 45°.	Dry Bulb.		Dir.	Force (0 to 12).		At 32° Fabr. and M.S.L. Lat. 45°.	Change since 4 a.m.				Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	
																						Hours	
BRITISH ISLANDS.	Lerwick	30.27	56	WSW	3	c	30.35	+0.2	50	0	N	2	0	2	-	59	48	b	cm	om			
	Stornoway	30.24	62	NW	2	cy	30.36	0.0	53	-3	NE	2	0	2	Trace	64	51	bog	cy	og		6.4	
	Castlebay (Barra Isd.)	30.25	57	NW	4	c	30.33	0.0	54	+1	SW	2	0	2	-	59	52	c.b.c	bc	cm.o.f		12.5	
	Malin Head	30.35	55	N	1	cg	30.32	0.0	53	0	NE	1	0	1	-	58	52	cg	cg	oge		*	
	Blacksod Point	30.23	59	NE	3	bc	30.30	?	58	+2	NE	2	0	3	-	65	52	om	bc	bc		*	
	Valencia	30.29	62	WSW	1	bog	30.26	0.0	56	-2	-	0	bc	3	-	70	51	bog	bog	bog		12.5	
	Roche's Point	30.30	60	SE	3	bog	30.28	*	56	0	ENE	2	b	2	-	65	50	bog	bog	bog		*	
	Birr Castle	30.28	68	NE	2	c	30.28	*	55	+6	NE	2	b	*	-	70	45	c	c	b		10.1	
	Donaghadee	30.32	58	N	3	b	30.33	-0.2	53	-1	NNW	2	c	2	-	61	50	b	b	bem		*	
	Liverpool Obsy.	30.24	62	NE	2	b	30.32	0.0	54	0	E	2	0	1	-	64	52	bem	c.bm	o		4.1	
	Holyhead	30.29	58	NNE	2	bem	30.29	0.0	57	+2	-	0	1	1	-	59	53	m	om	far		*	
	Pembroke (St. Ann's Hd.)	30.26	60	N	1	bc	30.27	-0.2	55	-2	E	1	bem	1	-	67	53	bem	bem	bem		5.6	
	Newquay	30.20	60	SE	1	aug	30.19	-0.1	59	0	E	1	bog	2	0.07	66	50	bc	bc	bc		4.8	
	Scilly (St. Mary's)	30.18	61	ENE	2	cm	30.17	0.0	57	-1	E	2	om	2	-	63	57	cm	cm	omg		4.9	
	Jersey (St. Aubin)	30.16	65	ENE	4	m	30.16	*	60	0	ENE	5	ogm	4	-	69	57	bem	om	ogm		10.8	
	Portland Bill	30.21	63	NE	3	b	30.22	0.0	56	-2	ENE	5	c	4	-	65	54	bc	bc	bc		*	
	Dungeness	30.19	61	ENE	5	c	30.21	+0.1	61	+1	NE	4	0	3	-	64	57	c	c	c.o		*	
	Dover	30.21	59	NNE	5	bc	30.23	*	62	+2	NNE	4	c	3	Trace	65	56	c.b.c	bc	bc		7.8	
	Wick	30.33	54	SSW	1	bc	30.36	+0.2	51	+1	NE	1	og	1	Trace	59	49	c.bog	bog	f		12.5	
	Nairn	30.30	61	E	2	b	30.33	*	55	+5	-	0	0	1	-	67	49	bog	q.b	og		*	
	Aberdeen	30.32	56	ESE	1	o	30.36	+0.1	54	+3	-	0	b	1	-	60	45	c.b.c	o.b.o	o.c.bm		0.8	
	Leith	30.30	59	NE	1	bc	30.36	+0.1	52	-2	E	1	0	*	-	62	51	c.b.c	bc	bc		*	
	North Shields	30.34	54	N	3	o	30.35	0.0	52	+2	ENE	2	0	3	-	57	48	o	c	o		0.6	
	Spurn Head	30.29	57	N	5	c	30.32	0.0	56	+2	NNE	2	0	3	-	61	52	cg	c	c.o		*	
Yarmouth	30.28	60	N	3	c	30.29	+0.1	58	0	NNE	3	0	2	-	65	52	c	bc	o		9.5		
Clacton-on-Sea	30.22	62	ENE	4	bc	30.26	+0.1	60	+2	NNE	2	0	2	-	66	56	o.b.c	b.b.c	b.c.c		8.4		
Nottingham	30.28	59	NNE	1	o	30.32	*	55	+2	NE	2	0	*	-	60	52	o	o	o		0.0		
Bath	30.26	62	E	1	o	30.28	*	56	-2	E	3	0	*	-	63	48	-	-	-		0.3		
Oxford	30.29	58	NE	2	m	30.29	*	58	+3	NE	2	0	*	-	61	49	o.c.o	o.c.m	cm.bm		*		
London (Kew Obsy.)	30.23	64	N	3	bc	30.27	0.0	58	+1	ENE	2	om	*	-	65	52	cm.o	o.c.b.c	bc.b		3.5		
ICELAND & FAEROE.	Isafjord	30.06	57	SW	5	c	29.95	-0.7	48	-3	-	0	r	*	-	*	*	*	*				
	Reykjavik	30.17	54	W	3	o	29.97	0.0	55	+5	SE	6	r	*	-	*	*	*	*				
	Vestmanna	30.24	52	SSW	1	o	30.14	-0.2	49	0	ESE	3	o	1	-	*	*	*	*				
	Seydisfjord	30.10	65	SW	4	bc	30.13	-0.3	51	-6	-	0	c	*	-	*	*	*	*				
	Thorshavn	30.26	60	N	4	b	30.33	+0.1	51	-4	-	0	b	*	-	*	*	*	*				
SCANDINAVIA.	Haparanda	29.81	54	SW	2	b	29.87	0.0	59	+2	NW	8	c	*	-	61	54						
	Hernösand	30.04	66	-	0	bc	30.04	0.0	64	+1	NW	6	bc	*	-	72	57						
	Stockholm	30.11	59	SW	2	b	30.08	0.0	65	+6	WSW	2	b	*	-	70	52						
	Wisby	30.13	54	NNW	2	b	30.15	-0.1	62	+5	WSW	2	b	*	-	66	50						
	Karlstad	30.10	66	W	2	b	30.16	0.0	63	+1	-	0	b	*	-	75	54						
	Færder (Xmania Fiord)	30.15	62	SW	2	bc	30.18	+0.2	59	-5	SW	2	m	2	-	64	59						
	Bodö	29.92	55	SW	6	o	29.99	+0.5	49	-5	W	7	r	4	0.04	55	46						
	Christiansund	30.20	56	W	5	m	30.32	+0.3	54	-2	-	0	m	1	0.12	57	52						
	Skudesnaes	30.25	55	NNW	4	o	30.25	0.0	58	+1	NNW	6	c	2	-	59	52						
	The Scaw (Skagen)	30.19	58	W	1	bc	30.21	+0.1	58	-2	W	2	0	0	-	70	52						
GERMANY, &c.	Blaavands Huk	30.24	61	N	1	c	30.30	+0.2	57	-4	NW	3	0	2	-	70	54						
	Cuxhaven	30.20	64	E	2	b	30.27	+0.4	59	0	S	2	0	*	-	68	54						
	The Helder	30.22	63	NNE	4	bc	30.28	+0.3	63	+3	ENE	3	b	1	0.04	64	59						
	Brussels	30.17	62	N	1	b	30.22	+0.1	58	+3	N	1	f	*	-	71	55						
	Berlin	30.13	61	N	3	b	30.25	+0.4	59	+2	E	2	bc	*	-	70	52						
FRANCE.	Frankfurt	30.15	59	-	0	b	30.25	+0.4	55	-1	E	2	f	*	-	70	52						
	Munich	30.15	56	SW	2	c	30.23	+0.4	57	+3	NE	3	b	*	-	70	54						
	C. Gris Nez	30.26	59	NE	5	o	30.22	+0.1	60	+1	NE	5	c	3	Trace	66	57						
	La Hève	30.15	62	NE	4	m	30.17	*	56	-4	ENE	3	m	2	-	72	54						
	Brest (St. Mathieu)	30.15	66	ESE	2	c	30.12	0.0	59	+2	ENE	4	0	2	0.04	75	55						
	Lorient (Bec Meleu)	30.06	65	N	2	o	30.03	*	60	+4	ENE	4	b	2	-	64	55						
	Rochefort (Ile d' Aix)	30.02	73	ENE	3	bc	29.99	*	61	0	E	3	0	*	-	81	59						
	Biarritz	29.95	73	E	4	c	29.91	*	73	+13	-	0	c	1	-	73	59						
	Paris	30.13	67	ENE	2	b	30.17	+0.1	59	+5	NE	2	bc	*	-	72	54						
	Belfort	30.13	63	-	0	c	30.19	*	55	+1	ENE	6	m	*	-	68	50						
SPAIN, PORTUGAL, &c.	Lyons	30.08	68	N	2	b	30.12	*	59	+1	N	1	b	*	-	74	52						
	Nice	29.99	66	-	0	b	30.05	+0.2	68	+2	-	0	b	2	-	77	57						
	Perpignan	30.03	69	SE	1	b	30.02	-0.1	67	+3	NE	1	b	*	-	76	54						
	Sanguinaire	29.99	68	NW	2	m	29.99	*	73	+4	SW	2	m	2	-	73	61						
	Corunna (8 a.m.)	29.92	63	NNW	3	o	29.96	0.0	59														

* 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. 4TH JULY.



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The changes in pressure are very slight, and modification in the general weather there are no indications of any important conditions.

FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

- 0 {
1 {
2 { North-Easterly and
3 { Easterly breezes, mostly light
4 { to moderate; cloudy to fine, local
5 { mist; some increase of temperature.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

NO WARNINGS ISSUED.

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

11 WESTERN CHANNEL AND BAY.

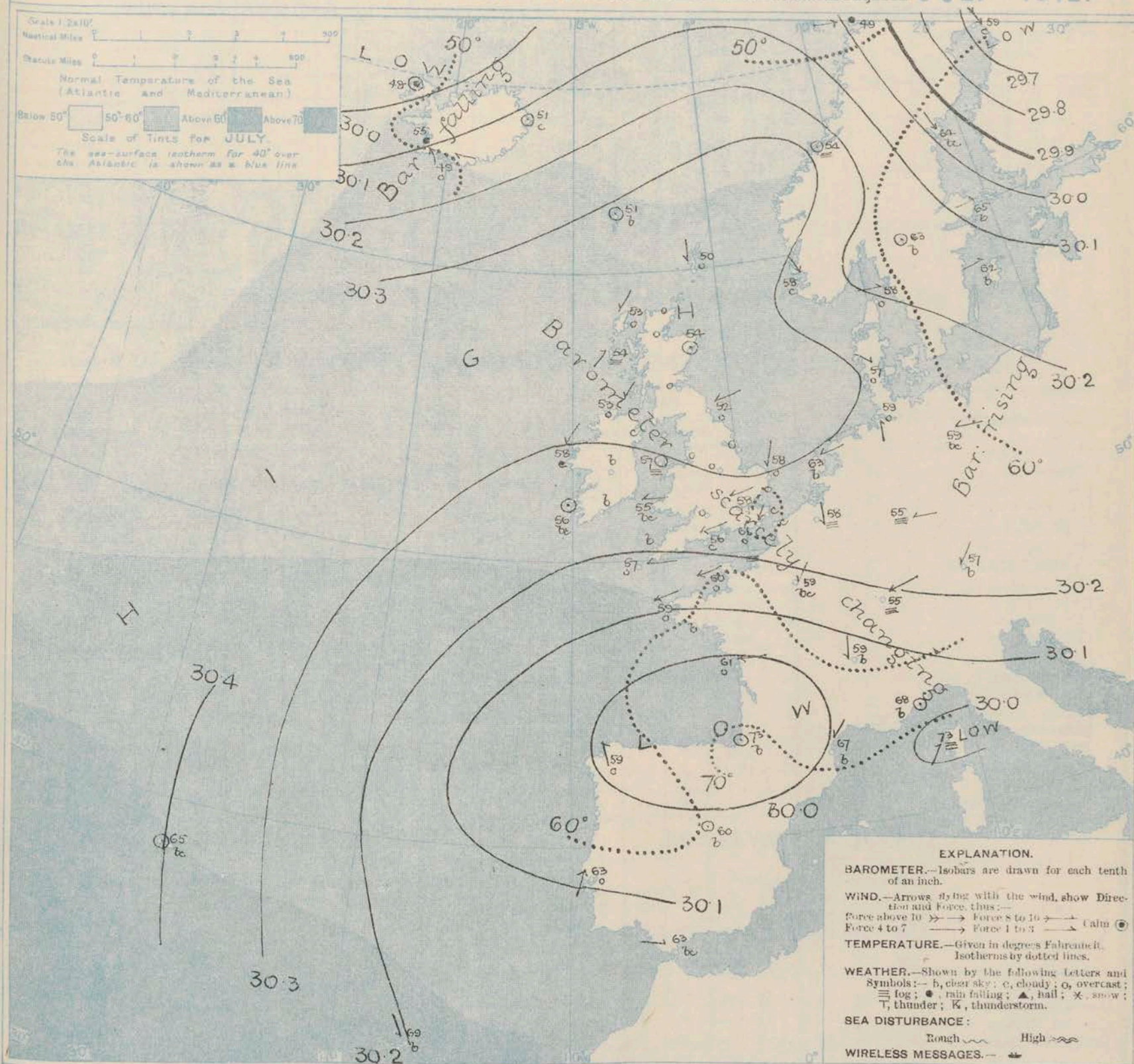
North-Easterly and Easterly breezes, fresh at times; sea smooth to moderate; dull, rain at times, fair or fine intervals; local mist; cool.

THE FURTHER OUTLOOK. (all districts)

Fair to fine weather continuing.

SYNOPTIC CHART FOR 7 A.M.

FRIDAY, 5TH JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An area of high pressure extends from the Atlantic to Norway, the barometer being above 30.3 in. out on the ocean, over the northern half of the British Isles, and to the Norwegian coast. A depression, with pressure below 29.7 in., has appeared over Lapland, and pressure is relatively low, below 30 in., over Southwestern France and between Iceland and Greenland. There is a considerable gradient across Northern Scandinavia, elsewhere it is slight.

88° and 88.5° strong winds and gales are reported at several of the Scandinavian stations,

but over the greater part of our area calms and light N.E. and E. breezes prevail. Over the British Isles temperature ranges from 50° at Lerwick to 62° at Dover, on the Continent from 55° at Belfort and Frankfurt to 73° at Biarritz; in Scandinavia from 49° at Bodø to 65° at Stockholm; and in Iceland from 48° to 59°. The weather is fine at a few home and foreign stations, but generally there is still much cloudy dulness, and rain is falling locally in Western France, Iceland and the north of Norway. The atmosphere is foggy about the Southern Hebrides, Holyhead, and at Brussels and Frankfurt. The sea is slight or smooth on all coasts.

DAILY WEATHER REPORT.

Friday, 5th July, 1912.

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, 6 p.m.	51	10	Majestic	O	30.33	0.00	SW	1-3	w										
"	50	12	Ariatic	H	30.27	+0.01	ENE	4-5	b										
" 7 a.m.	49	17		H	30.26	?	NE	1-3	o										
"	51	14	Lake Erie	O	30.33	+0.04	NNE	4-5	b										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.					Hr.	England, S.E.		In.					Hr.
Oban		—	64	50	bm.b.	b.o.	12.8	Ramsgate		—	—	—	—	—	8.6
Stonehaven		—	59	50	bc.	bc.c.	2.5	Margate		—	62	52	o.b.	b.	7.3
St. Andrews.		—	—	—	—	—	—	Deal		—	65	58	o.c.	bc.b.	9.0
Carnoustie		—	58	52	c.	bc.	4.4	Littlestone		—	—	—	—	—	7.3
Harrogate		—	55	48	o.	o.	0.0	Folkestone		—	65	56	bc.b.	b.b.c.	8.0
Scarborough		—	56	51	o.	o.	0.0	Hastings		0.04	67	54	o.dp.	o.c.b.	7.2
Blackpool		—	64	45	m.c.o.	bm.	6.2	Bexhill-on-Sea		0.03	62	55	tr.b.c.o.	o.b.c.	8.0
Southport		—	63	47	bc.b.o.	bc.o.bc.	4.2	Eastbourne		—	67	54	bc.	c.b.	8.6
Buxton		—	58	48	c.bey.	bey.	1.4	Seaford		0.01	69	54	bc.	b.	8.0
Douglas		—	62	50	by.	by.	8.5	Brighton		—	68	55	bc.b.c.	b.b.c.	5.7
Rhyl		—	62	51	bc.o.	b.c.	9.3	Worthing		—	67	54	bc.	bc.	6.0
Colwyn Bay		—	62	53	b.	by.	9.0	Bognor		—	—	—	—	—	6.6
Llandudno		—	62	53	b.	by.	9.9	Southsea		—	67	54	c.b.c.	bc.b.	6.1
Bettws y Coed		—	66	48	b.	b.	8.5	Bournemouth		—	66	52	c.o.	bc.b.	6.0
Aberystwyth		—	65	55	o.c.b.	bc.o.	6.2	Weymouth		—	68	54	bc.	b.b.c.	9.4
Skegness		—	60	53	—	—	4.7	Teignmouth		—	65	56	o.b.c.	bc.	4.5
Lowestoft		—	61	57	c.	o.c.	8.8	Torquay		0.06	66	56	o.	b.	4.8
Felixstowe		—	65	54	o.b.c.	bc.	8.7	Paignton		—	65	55	o.b.c.	bc.	3.4
Southend-on-Sea		—	67	54	o.c.b.	b.	6.0	Weston-super-Mare		—	64	55	bc.c.	b.bey.	2.0

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Min. on Grass.	Night.	Fore-noon.	After-noon.		
			Max.	Min.		Max.												Min.	
			24 HOURS ENDED 9 A.M. TO-DAY.																
Greenwich (Royal Obsy.) ...	% 66	% 80	68	53	50	-	o	a.b.c.	b.c.c.o	Hr. 2.4	Dublin to 4 p.m.	-	64	51	49	b.m.o	o.c.	a.b.m.	Hr. 6.5
City (Punhill-Row) ...				*	*	-				1.2	Plymouth to 9 p.m.	-	67	55	48	b.c.	b.c.	b.c.m.	
Westminster (St. James's Pk.)	67	79	67	55	50	-	b.c.	b.c.	b.c.	1.9	Darwen								
Camden Sq. (Brit. Rainfall)	68	76	68	52	46	-	o	a.b.c.	o	0.6	Manchester								
Hampstead (Reservoir) ...	.	77	65	52	43	-	o	b.c.	c.o	2.1	Birmingham	-	58	51	48	o	o	o	o.c.
24 HOURS ENDED 6 P.M. YESTERDAY.																			
South Kensington ...			67	55	50	Trace	} b.c.c.g. and g.	} o.c.b.c.	} 1.3										
" (Roof of M.O.)			66	56	*	*													

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

5th July 1912.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.38	11.57	8.16
	3.39	11.58	8.16
Greenwich	3.51	12.4	8.17
	3.52	12.5	8.16
Wick	3.16	12.16	9.16
	3.18	12.17	9.15
Valencia	4.29	12.45	9.1
	4.30	12.46	9.0

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 65° and upwards in many parts of this country, to 70° at Valencia and Birr Castle. Nottingham, Harrogate and Scarborough had no bright sunshine, and Aberdeen and Bath less than an hour, while Valencia, Castlebay, Oban and Naurn exceeded 12 hours. As far west as the 20th meridian ships experienced light to fresh N.E. breezes and fine to dull weather.

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

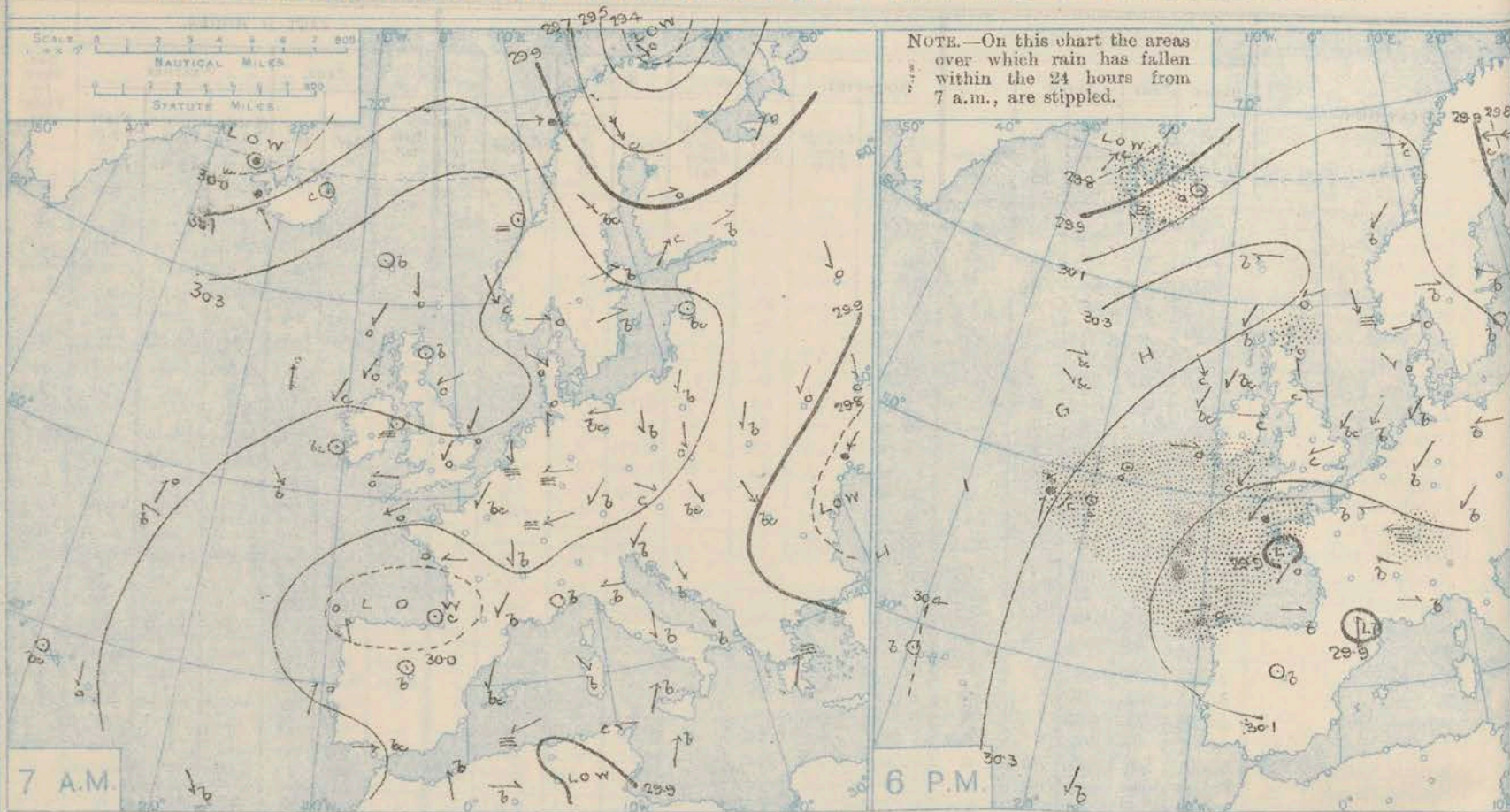
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday,
6th July, 1912.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER					
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Direc.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
		In.	°				In.	In.	°	°					In.	°	°				Hours.			
BRITISH ISLANDS.	Lerwick	30.30	54	ENE	2	o	30.17	-0.4	50	0	SSE	1	o	0	-	58	49	bc	o	o.c	7.9			
	Stornoway	30.25	56	NE	3	bcy	30.15	-0.2	53	0	NE	1	o	1	-	62	50	bcy	bcy	of	8.8			
	Castlebay (Barra Isd.)	30.23	59	SE	2	c	30.14	-0.2	52	-2	-	0	of	0	-	61	51	of	bc	bc	8.9			
	Malin Head	30.23	56	NE	1	bc	30.12	-0.4	56	+3	S	2	c	2	-	66	53	bc	bc	f	9.0			
	Blacksod Point	30.21	60	NE	3	bc	30.09	-0.4	58	0	NE	2	c	2	-	66	53	bc	bc	f	9.0			
	Valencia	30.17	60	W	2	bcy	30.08	-0.2	57	+1	-	0	m	3	0.08	69	55	bcy	bcy	mrg	6.9			
	Roche's Point	30.18	60	SSE	1	bc	30.09	-0.4	54	-2	NNE	1	o	1	Trace	63	51	o.bm	bc	bc	8.0			
	Birr Castle	30.16	68	EHE	2	c	30.09	-0.4	51	-4	EHE	1	bc	0	-	72	47	c	c	bc	8.0			
	Donaghadee	30.24	60	SE	2	m	30.15	-0.4	53	0	-	0	m	0	-	61	49	b.f	b.f	b.f	5.6			
	Liverpool Obsy.	30.22	63	ESE	3	bc	30.15	-0.3	56	+2	ESE	3	c	2	-	65	54	bc	bc	bc	5.6			
	Holyhead	30.19	64	W	1	cm	30.10	-0.3	59	+2	EHE	2	c	1	-	66	53	cm	cm	cm	5.0			
	Pembroke (St. Ann's Hd.)	30.15	61	NW	1	b	30.03	-0.3	58	+3	NE	4	cg	2	Trace	64	55	bc	bc	bc	5.0			
	Newquay	30.08	64	E	1	bcy	29.97	-0.2	57	-2	E	2	odm	2	0.25	67	57	bcy	bcy	bc	10.1			
	Scilly (St. Mary's)	30.09	62	NE	2	cm	29.95	-0.2	58	+1	NNE	3	cmp	3	0.02	64	56	cm	cm	cm	7.8			
	Jersey (St. Aubin)	30.02	65	EHE	5	odm	29.95	-0.2	61	+1	E	3	odm	3	0.02	69	59	odm	odm	odm	2.2			
	Portland Bill	30.09	62	E	4	bc	29.98	-0.1	60	+4	NE	4	bc	4	-	63	55	bc	bc	bc	7.8			
	Dungeness	30.10	65	EHE	4	bc	29.98	-0.2	62	+1	NE	4	bc	4	-	66	59	c.o	bc	bc	7.8			
	Dover	30.14	63	NNE	5	bcy	30.03	-0.2	63	+1	NE	3	b	4	-	67	57	e.bc	bc	bc	7.8			
	Wick	30.29	52	ESE	1	o	30.15	-0.4	50	-1	SE	1	cm	2	Trace	53	48	bc	o	o	6.8			
	Nairn	30.20	56	NE	2	o	30.14	-0.4	55	0	-	0	o	1	0.01	67	49	bc	bc	bc	2.8			
Aberdeen	30.29	56	SSE	2	o	30.17	-0.4	54	0	S	3	bc	1	-	62	49	bc	bc	bc	2.8				
Leith	30.25	56	NE	3	b	30.18	-0.2	52	0	NE	1	o	0	-	59	51	bc	b	b	2.8				
North Shields	30.30	53	E	2	c	30.20	-0.2	53	+1	SSE	2	o	2	-	55	46	o	c	o	2.8				
Spurn Head	30.28	57	NE	4	o	30.17	-0.1	56	0	E	5	o	4	-	58	52	o	o	o	2.8				
Yarmouth	30.23	65	NE	4	bc	30.11	-0.3	61	+3	EHE	3	bc	2	-	65	59	c	bc	b	7.6				
Clacton-on-Sea	30.18	65	NE	3	b	30.06	-0.3	62	+2	EHE	3	b	2	-	67	59	c.bc	bc	bc	8.5				
Nottingham	30.23	60	E	4	c	30.13	-0.3	55	0	EHE	4	o	0	-	61	53	o	o.c	bc	0.7				
Bath	30.15	67	E	2	c	30.05	-0.3	60	+4	E	4	o	0	-	69	55	-	-	-	5.8				
Oxford	30.17	61	NNE	3	m	30.06	-0.3	61	+3	NE	4	cg	0	-	66	55	o	c	cm	5.8				
London (Kew Obsy.)	30.15	67	EHE	3	c	30.04	-0.3	60	+2	NE	4	bc	0	-	68	57	odm	o.c	bc	1.8				
ICELAND & FAEROE.	Isafjord	29.78	59	SW	6	c	29.93	-0.0	47	-1	-	0	bc	0	-	64	46	bc	bc	bc	5.2			
	Reykjavik	29.89	54	SE	5	r	29.82	-0.0	50	-5	NE	1	o	0	-	64	46	bc	bc	bc	5.2			
	Vestmanna	30.03	51	SSE	3	f	29.87	-0.2	59	+8	-	0	b	0	-	64	46	bc	bc	bc	5.2			
	Seydisfjord	30.00	66	-	0	o	30.12	-0.4	48	-3	SW	3	o	0	-	64	46	bc	bc	bc	5.2			
	Thorshavn	30.21	63	E	1	b	30.12	-0.4	48	-3	SW	3	o	0	-	64	46	bc	bc	bc	5.2			
SCANDINAVIA.	Haparanda	29.80	54	E	8	c	29.80	+0.4	54	-5	E	8	b	0	-	64	46	bc	bc	bc	5.2			
	Hernösand	30.07	60	NW	6	b	30.09	-0.1	59	-5	NW	4	c	0	-	70	54	bc	bc	bc	5.2			
	Stockholm	30.06	63	ESE	2	b	30.14	-0.0	61	-4	NW	4	b	0	-	70	54	bc	bc	bc	5.2			
	Wisby	30.08	64	-	0	b	30.15	+0.3	61	-1	NE	4	b	0	-	70	54	bc	bc	bc	5.2			
	Karlstad	30.12	69	W	2	b	30.19	-0.0	63	0	ESE	2	b	0	-	71	55	bc	bc	bc	5.2			
	Færder (X'ania Fiord)	30.17	59	SW	4	o	30.21	-0.1	60	+1	-	0	o	0	-	61	57	bc	bc	bc	5.2			
	Bodö	30.13	48	W	4	c	30.10	-0.1	48	-1	WSW	4	o	0	0.08	59	54	bc	bc	bc	5.2			
	Christiansund	30.25	59	NE	1	b	30.13	-0.2	59	+5	E	1	b	1	-	61	54	bc	bc	bc	5.2			
	Skudesnaes	30.19	56	NW	6	f	30.19	-0.0	58	-4	NW	4	o	0	-	64	55	bc	bc	bc	5.2			
	The Scaw (Skagen)	30.20	58	WSW	3	o	30.21	-0.0	58	0	SW	2	o	0	-	64	55	bc	bc	bc	5.2			
Blaavands Huk	30.29	56	NW	2	o	30.25	-0.3	58	+1	W	1	o	1	-	61	54	bc	bc	bc	5.2				
GERMANY, &c.	Cuxhaven	30.25	61	NE	3	b	30.22	-0.2	59	0	E	2	b	0	-	66	55	bc	bc	bc	5.2			
	The Helder	30.23	64	NE	6	b	30.15	-0.4	63	0	E	3	b	2	-	68	59	bc	bc	bc	5.2			
	Brussels	30.12	65	EHE	4	b	30.01	-0.5	61	+3	NE	1	b	0	-	75	54	bc	bc	bc	5.2			
	Berlin	30.24	66	E	1	b	30.22	-0.1	65	+6	SE	1	bc	0	-	70	55	bc	bc	bc	5.2			
	Frankfurt	30.16	62	NE	2	b	30.10	-0.3	63	+8	SE	2	m	0	-	72	52	bc	bc	bc	5.2			
	Munich	30.15	59	NE	2	b	30.06	-0.2	59	+2	E	4	b	0	-	68	48	bc	bc	bc	5.2			
FRANCE.	C. Gris Nez	30.12	63	NE	5	o	29.99	-0.4	60	0	EHE	4	bc	2	-	66	57	bc	bc	bc	5.2			
	La Hève	30.04	64	EHE	3	m	29.91	-0.4	63	+7	E	3	m	2	-	75	56	bc	bc	bc	5.2			
	Brest (St. Mathieu)	30.00	64	NE	4	r	29.86	-0.1	60	+1	EHE	2	m	2	0.59	73	57	bc	bc	bc	5.2			
	Lorient (Bec Melen)	29.88	63	EHE	2	bc	29.87	-0.1	61	+1	S	4	c	2	0.04	72	57	bc	bc	bc	5.2			
	Rochefort (Ile d' Aix)	29.91	71	SW	2	o	29.99	-0.1	63	+2	SSE	3	o	1	-	82	61	bc	bc	bc	5.2			
	Biarriz	30.00	66	W	3	b	30.03	-0.1	63	-10	SSW	3	b	0	-	81	55	bc	bc	bc	5.2			
	Paris	30.03	73	E	2	b	29.94	-0.2	59	0	-	0	o	0	-	76	57	bc	bc	bc	5.2			
	Belfort	30.06	68	E	6	m	30.03	-0.1	63	+4	SW	1	o	0	-	81	59	bc	bc	bc	5.2			
Lyons	29.93	77	ESE	1	b	30.04	-0.1	63	+4	SW	1	o	0	-	79	63	bc	bc	bc	5.2				
Nice	30.02	71	W	1	b	30.01	+0.1	74	+6	-	0	b	0	-	82	60	bc	bc	bc	5.2				
Perpignan	29.88	76	S	1	b	30.03	+0.1	70	+3	SW	1	b	0	-	82	60	bc	bc	bc	5.2				
Sanguinaire	29.88	76	S	1	b	30.03	+0.1	70	+3	SW	1	b	0	-										

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 5TH JULY, 1914



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

A general but uniform fall of the barometer is now in progress, but it is not expected that any decided changes in the weather will occur within the ensuing twenty-four hours.

FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

- 0 { Calms and light variable breezes, becoming South-Westerly later and freshening somewhat; cloudy to fine, local coast mist or fog; some rise of temperature.
- 1 {

- 2 { Wind between North-East and South-East, occasionally fresh; cloudy to fine; rather warmer
- 3 {
- 4 {
- 5 {

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

NO WARNINGS ISSUED.

- 6 { Same as Pos. 0 and 1.
- 7 {

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

- 10 { Easterly and Northerly breezes, light to moderate; changeable, some showers, fair or fine intervals; moderate temperature.
- 11 {

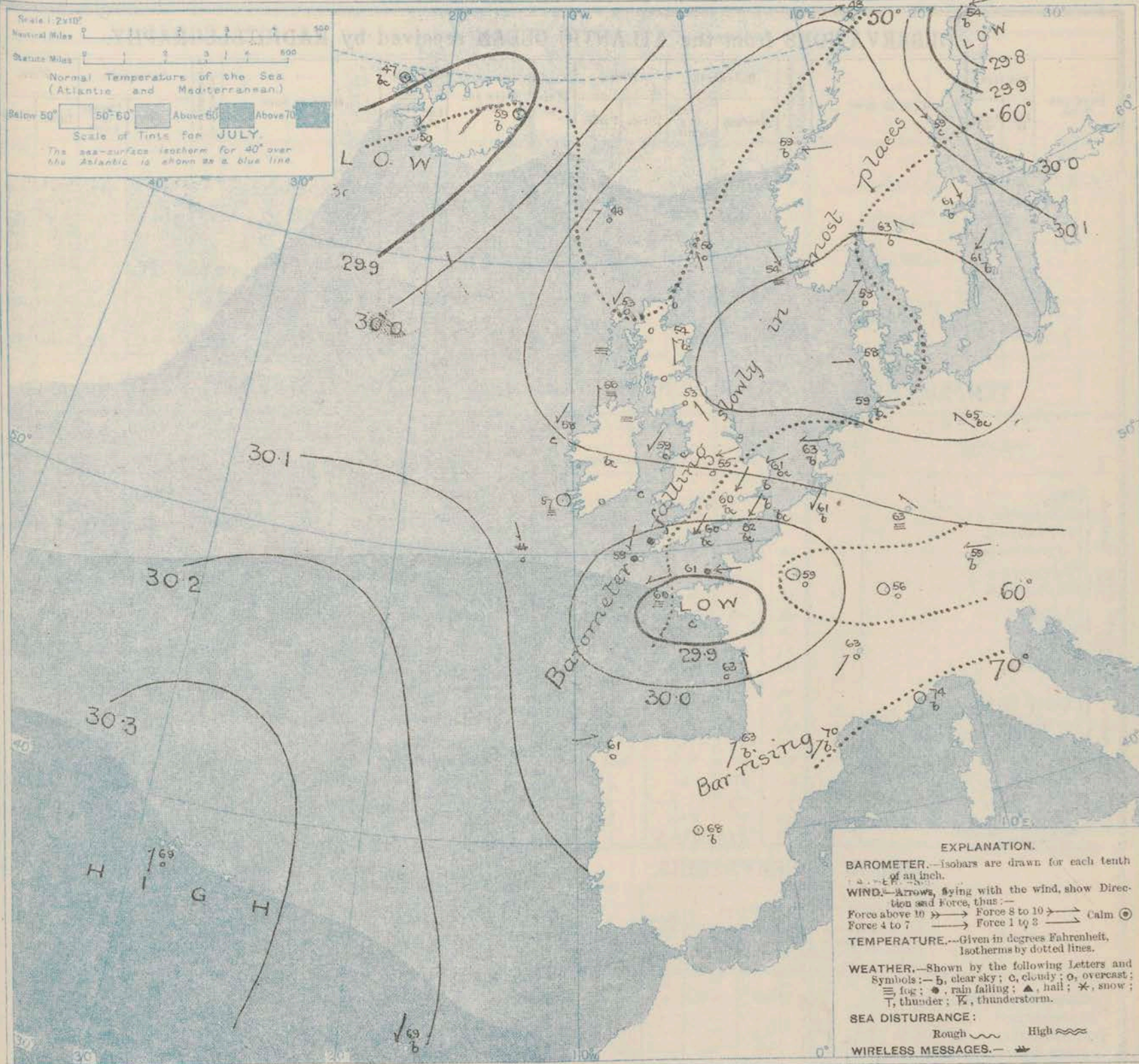
- 12 { Same as Pos. 0 and 1.
- 13 {

- 14 { Calms and light to moderate Easterly to Northerly breezes; generally fair or fine, misty locally; rather warmer.
- 15 {

11 WESTERN CHANNEL AND BAY.

Easterly to Northerly breezes, fresh at times; sea smooth to rather rough; fair to dull, some rain, mist or fog; cool.

THE FURTHER OUTLOOK.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

In the Atlantic high pressure system the barometer is above 30.3 in. at the Azores, and in another anticyclone over the North Sea and the Baltic it is above 30.2 in. In depressions over Brittany and Iceland pressure is below 29.9 in., and in another over Northern Russia it is about 29.8 in. There is a considerable gradient over Northern Sweden, elsewhere it is slight.

The winds vary greatly in direction, but are mainly E. or N.E. over the southern half of the British Isles, the Channel and the Low Countries. Calms and light breezes prevail, but an E. gale is reported at

Haparanda. At the home stations temperature ranges from 50° at Wick and Lerwick to 63° at Dover; on the Continent from 56° at Belfort to 74° at Trieste; in Scandinavia from 48° at Bodö to 63° at Karlstad; and in Iceland from 47° to 59°. Throughout the region under observation the weather varies between cloudless and overcast, and about the western part of the Channel showers of drizzle are reported. Locally the atmosphere is misty or foggy. The sea is slight to very smooth on nearly all coasts.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WFA- THES.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WFA- THES.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
5h. 6 p.m.	50	17	Ascaria	H	30.32	-.02	-	0	0	5h. 7 a.m.	49	15	Majestic	O	30.27	.00	NW	1-3	0
"	48	20	Majestic	O	30.24	-.01	SW	1-3	c	"	47	24	Carozia	H	30.23	-.01	ESE	1-3	0
"	49	18	Carozia	H	30.23	-.03	-	0	0	"	48	23	Cyprie	O	30.30	-.13	SSW	1-3	0
"	55	10	Turissian	H	?	-.06	NNW	4-5	c	"	50	15	Celtic	O	?	-.01	NEW	1-3	0
7 a.m.	55	15		H	?	+.01	S	4-5	0	"	52	26	Caledonia	H	30.31	.00	WNW	4-5	0

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.					Hr.	England, S.E.		In.					Hr.
{ Oban ...		-	62	48	am.c.	bc.c.	4.3	{ Ramsgate ...		-	*	*	*	*	7.0
{ Stonehaven ...		-	57	43	f.bc.	b.bc.	4.8	{ Margate ...		-	64	56	o	bc	4.0
{ St. Andrews ...		-						{ Deal ...		-	67	58	o.c.bc	c	4.10
{ Carnoustie ...		-	58	51	b	b	12.2	{ Littlestone ...		-	*	*	*	*	10.3
England, N.E.								{ Folkestone ...		-	68	57	bc	b	11.0
{ Harrogate ...		-	59	49	bc	c.o	0.3	{ Hastings ...		-	70	55	o.c.	bc.b	9.4
{ Scarborough ...		-	58	51	o.c.	o.c.	0.6	{ Bexhill-on-Sea ...		-	70	56	c.bc	b	9.0
England, N.W.								{ Eastbourne ...		-	69	54	b	bc	9.1
{ Blackpool ...		-	66	49	om.c.	bm	4.8	{ Seaford ...		-	71	52	b	b	9.7
{ Southport ...		-	66	47	b	bc	6.8	{ Brighton ...		-	72	53	o.c.bc.c	bc.b	10.6
{ Buxton ...		-	57	49	bc	bc	0.0	{ Worthing ...		-	70	54	b	b	8.6
{ Douglas ...		-	62	60	of.bc.	by	6.4	{ Bognor ...		-	*	*	*	*	10.0
Wales.								{ Southsea ...		-	71	53	c	b	8.1
{ Rhyl ...		-	66	47			6.2	{ Bournemouth ...		-	70	50	c.bc.	bc.b	5.5
{ Colwyn Bay ...		-	66	51	b	b	7.8	England, S.W.							
{ Llandudno ...		-	66	52	by	by	7.5	{ Weymouth ...		-	69	53	c	c	7.2
{ Bettws y-Coed ...		-	66	57	b	b	5.4	{ Teignmouth ...		-	66	55	bc.	b	6.7
{ Aberystwyth ...		-	68	50	o.c.	bc.o	2.3	{ Torquay ...		-	67	56	o.bc.	bc.o	6.2
England, E.								{ Paignton ...		-					
{ Skegness ...		-	60	56	o	o	0.0	{ Weston-super-Mare ...		-	69	54	b.bc	b.bc.b	6.0
{ Lowestoft ...		-	62	57	c.bc	c.	7.0								
{ Felixstowe ...		-	65	56	o.bc.	b	9.6								
{ Southend-on-Sea ...		-	67	54	c.bc.b	b	8.0								

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.
			Max.	Min.					
			24 HOURS ENDED 9 A.M. TO-DAY.						
Greenwich (Royal Obsy.) ...	% 70	% 73	70	55	49	—	c. bc	c. bc	bc. b
City (Bunhill Row) ...	% *	% *	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	63	72	69	58	52	—	bc	bc	bc
Camden Sq. (Brit. Rainfall)	59	69	72	56	50	—	o	bc	b. c
Hampstead (Reservoir) ...	*	74	68	55	47	—	bc	bc	bc
24 HOURS ENDED 6 P.M. YESTERDAY.									
South Kensington ...	*	*	69	54	49	—	{ c. bc. oz	o. oz	c. oz
„ „ (Roof of M.O.)	66	73	69	54	*	*			

Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine
		In Screen.		Min. on Grass.	Night.	Fore- noon.	After- noon.	
		Max.	Min.					
Dublin to 4 p.m.	In.	65	54	51	bm.o	o.c.b.	bm	8.4
Plymouth to 9 p.m.	-	68	55	47	bc	bc	bc	3.5
Darwen	-	61	48	44	og	bc	bc	
Manchester	-							
Birmingham	-	60	52	42	o	c	o	0.0

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to between 70° and 72° on the south coast of England and in central Ireland. Slight showers have fallen on the south-western coasts. There was little or no bright sunshine over the midland and north-eastern counties of England, but in other districts the records ranged upwards to more than 12 hours at Carnoustie. As far west as the 30th meridian ships experienced calms and very variable breezes, light to moderate in force, with fine to dull weather.

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

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

1912

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

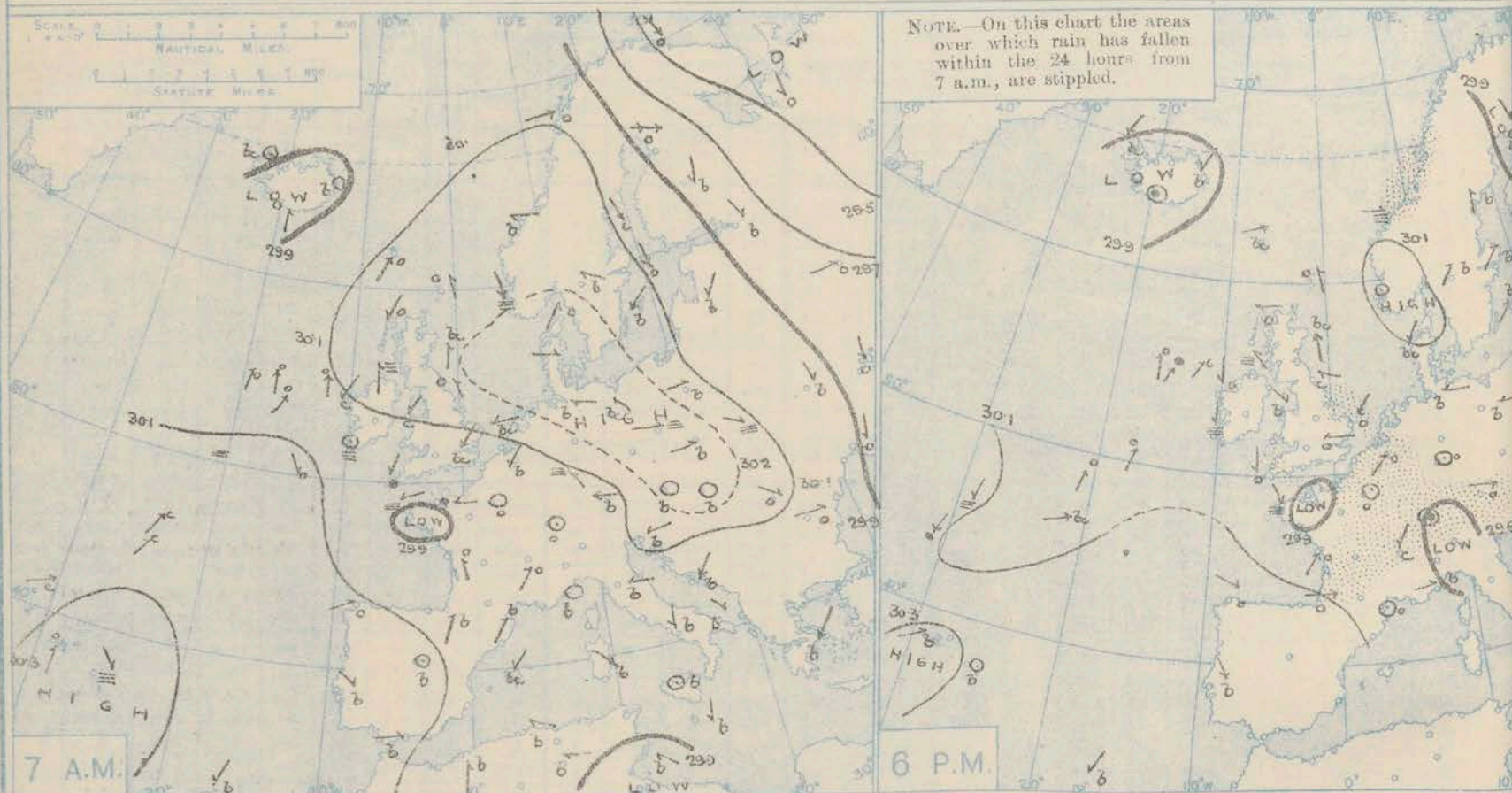
Sunday
7th July, 1912.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										LAST 24 HOURS.							Sun- shine for Yester- day.
		Barom.	Temp.	Wind.		Weather.	Barometer.	Temp.	Wind.		Weather.	Sea (0 to 9).	Rain- fall.	Temp.		Weather.								
				At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.				Direc.	Force (0 to 12).				At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).	Max.	Min.	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.	°				In.	°						In.	°					Hours.				
BRITISH ISLANDS.	Lerwick	30.06	53	SSE	2	o	29.97	-0.03	53	+3	SSE	2	o	1	-	54	49	cm	cm	om	*			
	Stornoway	30.03	56	E	1	o	29.93	-0.02	54	+1	SE	3	o	2	-	61	52	o	o	om	0.3			
	Castlebay (Barra Isd.)	30.00	57	SSE	1	o	29.90	0.00	55	+3	E	2	o	1	-	57	52	o	o	o	2.0			
	Malin Head	29.99	62	SE	1	o	29.92	-0.02	58	+2	SE	1	o	0	-	67	53	f	f	f	*			
	Blacksod Point	30.01	60	N	3	o	29.91	-0.03	57	-1	SSW	3	o	3	-	71	53	om	om	om	*			
	Valencia	30.03	58	N	1	m	29.98	-0.01	57	0	S	2	c	3	-	61	54	om	om	c	0.1			
	Roche's Point	30.01	62	S	2	bm	30.00	*	57	+3	WSW	2	c	2	-	64	54	bom	bm	bom	*			
	Birr Castle	29.96	?	-	0	bc	29.95	*	56	+5	SW	1	o	*	-	71	50	bc	bc	o	7.0			
	Donaghadee	30.02	58	SE	2	m	29.94	-0.02	55	+2	FNE	1	m	1	-	64	50	bf	bf	bf	*			
	Liverpool Obsy.	29.99	65	E	3	b	29.92	-0.01	57	+1	-	0	b	2	-	69	52	om	om	bm	7.9			
	Holyhead	29.97	63	NW	1	bm	29.93	0.00	58	-1	-	0	f	0	-	68	57	m	om	fw	*			
	Pembroke (St. Ann's Hd.)	29.95	62	N	1	c	29.95	+0.02	59	+1	-	0	cm	1	0.03	70	55	cm	bom	cm	4.7			
	Newquay	29.91	61	W	2	aty	29.98	+0.03	59	+2	W	3	aty	2	0.03	62	56	cm	aty	tp.o	0.0			
	Scilly (St. Mary's)	30.05	58	N	2	om	30.01	+0.03	57	-1	NW	4	om	3	0.03	60	55	gmp	om	om	0.0			
	Jersey (St. Aubin)	29.88	67	E	2	ogm	29.97	*	61	0	WNW	3	om	3	0.08	70	56	dpm	cm	bom	4.3			
	Portland Bill	29.92	64	E	1	c	29.93	+0.03	60	0	E	1	bc	2	-	66	57	bc	c	c.bc	*			
	Dungeness	29.87	62	NE	3	o	29.87	+0.02	62	0	W	3	o	3	-	67	58	c.o	op	c.o.c	*			
	Dover	29.91	61	NE	2	o	29.89	*	62	-1	NW	2	bc	2	Trace	68	57	b.bc	c.o.p	c.bey	6.5			
	Wick	30.04	55	SE	1	m	29.92	0.00	53	+3	SE	1	cm	1	-	55	49	om	f	om	*			
	Nairn	29.99	60	NE	2	c	29.91	*	55	0	-	0	o	1	-	63	49	bc	b.bc.	oz	5.7			
	Aberdeen	30.05	55	SSE	4	bc	29.94	-0.01	55	+1	S	3	o	2	-	62	52	c.e.b	oz. bc	b.c.c	8.1			
	Leith	29.99	60	NE	1	b	29.96	0.00	55	+3	-	0	c	-	-	63	51	a.b.c	b	b.bc	*			
	North Shields	30.08	56	ESE	3	c	29.97	-0.01	52	-1	NNW	2	f	2	-	59	49	c	o	f	6.7			
	Spurn Head	30.01	57	NE	5	f	29.88	-0.01	56	0	N	5	mry	6	0.10	62	54	c	f	f.ac	*			
Yarmouth	29.94	61	NE	4	0	29.81	0.00	61	0	S	2	o	1	0.32	65	59	bc	bc	alc	2.2				
Clacton-on-Sea	29.91	64	NE	2	o	29.85	0.00	59	-3	W	2	r	1	0.55	70	58	by	b.b.c.c	ogr	9.6				
Nottingham	29.98	64	NE	4	b	29.91	*	56	+1	NNW	2	r	*	0.02	68	54	o.c	c.b	bc	6.8				
Bath	29.94	63	WSW	1	0	29.94	*	59	-1	NNW	1	0	*	-	73	55	-	-	-	*				
Oxford	29.93	61	NW	2	o	29.95	*	56	-5	NNW	2	o	*	0.22	73	54	cm	alt.o	o	*				
London (Kew Obsy.)	29.91	67	E	2	o	29.91	+0.02	58	-2	NW	1	o	*	-	72	57	bom	c	om	4.7				
ICELAND & FAEROE.	Isafjord	29.86	50	NE	6	bc	29.78	-0.01	47	0	NE	3	c	*	*	*	*	*	*	*				
	Reykjavik	29.80	57	S	1	o	29.66	0.00	51	+1	E	1	r	0	*	*	*	*	*	*				
	Vestmanna	29.84	52	-	0	r	29.71	-0.03	48	-2	E	1	r	0	*	*	*	*	*	*				
	Seydisfjord	29.88	63	NE	4	b	29.80	0.00	49	-10	-	0	c	*	*	*	*	*	*	*				
	Thorshavn	30.01	55	WSW	4	bc	29.90	+0.03	51	+3	SE	1	o	*	*	*	*	*	*	*				
SCANDINAVIA.	Haparanda	29.86	54	NNW	2	c	29.89	+0.01	55	+1	N	2	o	*	-	63	48	*	*	*				
	Hernösand	29.98	58	S	2	b	29.92	-0.01	65	+6	-	0	b	*	-	72	48	*	*	*				
	Stockholm	30.02	63	SW	2	b	29.94	-0.02	71	+10	W	4	b	*	-	73	59	*	*	*				
	Wisby	30.07	59	SW	2	b	30.02	0.00	66	+5	WSW	2	b	*	-	70	57	*	*	*				
	Karlstad	30.03	69	SW	2	b	30.02	0.00	58	-5	W	2	o	*	-	73	52	*	*	*				
	Færder (X'ianta Fiord)	30.09	59	SSW	3	o	30.01	0.00	58	-2	SSW	2	o	2	-	63	57	*	*	*				
	Bodö	29.98	50	SW	4	o	29.99	+0.01	51	+3	W	2	o	1	0.04	52	48	*	*	*				
	Christiansund	30.08	55	W	3	m	30.03	-0.01	51	-8	-	0	f	1	0.06	63	52	*	*	*				
	Skudesnaes	30.12	54	-	0	o	30.02	-0.02	55	+1	-	0	o	0	-	55	52	*	*	*				
	The Scaw (Skagen)	30.11	59	W	1	o	30.04	-0.01	59	+1	SSW	1	c	0	-	64	55	*	*	*				
Blaavands Huk	30.10	59	NE	2	bc	30.00	+0.03	66	+8	ESE	2	b	1	-	66	50	*	*	*					
GERMANY, &c.	Cuxhaven	30.03	68	E	3	b	29.96	0.00	64	+5	E	2	b	*	-	72	59	*	*	*				
	The Helder	29.95	71	ENE	3	c	29.89	+0.02	62	-1	SSE	4	c	1	-	73	55	*	*	*				
	Brussels	29.90	64	SW	2	o	29.92	+0.01	62	+1	SW	3	o	*	0.04	75	55	*	*	*				
	Berlin	30.06	72	E	1	b	30.00	-0.01	69	+4	NE	2	b	*	-	77	59	*	*	*				
	Frankfurt	29.97	69	-	0	o	29.93	+0.01	65	+2	SW	1	bc	*	-	79	59	*	*	*				
Munich	30.01	66	W	5	o	29.96	-0.01	61	+2	SW	3	o	*	0.20	73	54	*	*	*					
FRANCE.	C. Gris Nez	29.89	63	-	0	r	29.86	+0.01	62	+2	SSW	2	o	2	Trace	68	57	*	*	*				
	La Hève	29.91	61	SSW	3	o	29.93	*	58	-5	W	3	o	2	0.20	70	55	*	*	*				
	Brest (St. Mathieu)	29.93	59	NNW	3	m	30.05	+0.04	57	-3	NW	4	m	3	-	73	55	*	*	*				
	Lorient (Bec Melen)	29.88	64	W	3	bc	30.00	*	60	-1	SW	3	o	3	-	70	57	*	*	*				
	Rocheport (Ile d'Alx)	29.93	63	SW	5	o	30.04	*	63	0	NW	4	c	*	0.39	70	61	*	*	*				
	Biarritz	30.12	64	W	4	o	30.17	*	63	0	W	5	o	4	0.24	68	61	*	*	*				
	Paris	29.93	64	SSE	2	o	29.94	+0.02	61	+2	S	2	o	*	0.28	71	57	*	*	*				
SPAIN, PORTUGAL, &c.	Belfort	29.89	63	-	0	r	29.86	*	62	+6	SSW	2	o	*	Trace	68	57	*	*	*				
	Lyons	29.97	72	NE	3	bc	30.04	*	65	+2	S	2	o	*	0.08	78	58	*	*	*				
	Nice	29.90	70	WSW	1	b	29.89	-0.01	67	-7	E	1	o	1	-	73	61	*	*	*				
	Perpignan	30.01	71	-	0	o	30.10	+0.03	68	-2	NW	3	o	*	-	80	62	*	*	*				
	Sanguinaire																							
	Corunna (S a.m.)	30.12	63	NNW	3	o	30.15	0.00	57	-4	W	1	bc	2	-	66	54	*	*	*				
	Lisbon (S a.m.)	30.19	61	NNW	4	b	30.16	+0.03	66	+4	N	4	b	2	-	72	57	*	*	*				
Gibraltar	29.96	73	W	4	b	29.96	*	63	-2	E	1	b	*	-	*	*	*	*	*					
Azores (P. Delgada)	30.28	66	-	0	b	30.24	+0.01	66	0	-	0	o	0	0.04	70	63	*	*	*					
Azores (Horta)	30.31	68	WSW	3	b	30.23	+0.01	69	0	SW	3	c	2	-	75	66	*	*	*					
Madeira (Funchal)	30.19	69	NE	3	b	30.16	0.00	68	-1															

* 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. 6th JULY



WEATHER PROSPECTS. GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

FORECAST DISTRICTS.	
0 { a b	6 { a b
1	7 { a b
2 { a b	8 { a b
3	9 { a b
4 { a b	10 { a b
5	11 WESTERN CHANNEL AND BAY.

None

Issued

NO
WARNINGS
ISSUED.

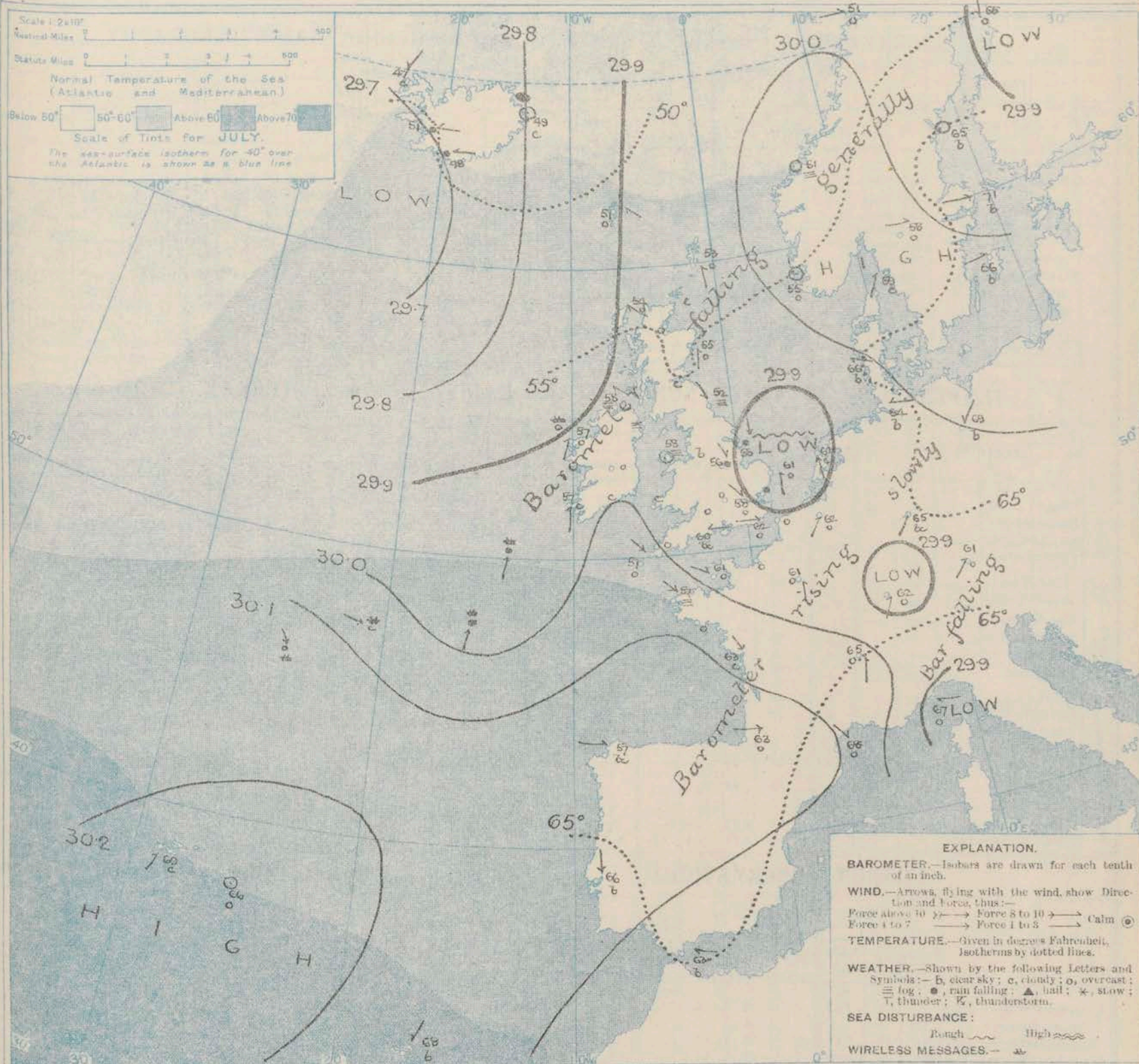
None

Issued

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M.

SUNDAY, 7th JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The small shallow depression which lay yesterday over the North West of France has travelled North Eastwards across the south east of England, its centre being now situated off the Norfolk coast. A larger disturbance lies to the south-west of Iceland and a secondary system over the Atlantic in about 50N 17W. Pressure is still highest over the Azores region.

Over England and the neighbouring parts of the Continent the wind circulates round the depression off our East coast, but is generally light or moderate in force. In Ireland and Scotland it is light from the southward while in Iceland and the Faeroes it is South Easterly or Easterly. Temperature has risen

in most places. Over the United Kingdom the morning readings range from 60° or slightly above it on the East and South-east coasts of England to a trifle below 54° in the north of Scotland. The Continental values range from 71° at Stockholm, 69° at Berlin, and 68° at Perpignan to 51° at Bodo and Christianaund. The weather is fair or fine over Western Europe as a whole, but rain is falling in some parts of Eastern and central England; fog prevails on our north-western coasts. The sea is slight or smooth generally.

DAILY WEATHER REPORT.

Sunday, 7th July, 1912

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward H = Homeward	BAROMETER.		WIND.		WYA-THREK.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward H = Homeward	BAROMETER.		WIND.		WYA-THREK.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirac.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirac.	Force.	
6. 6 p.m.	55	11	Caledonia	H	30.11	-0.5	SW	1-3	C	6. 7 a.m.	55	17	Canada	H	30.03	-0.2	S	4-5	C
"	55	13	Victorian	O	29.91	-0.7	SW	4-5	P	"	55	19	Mongolian	H	30.10	-0.4	SSW	1-3	C
"	55	15	Mongolian	H	30.01	-0.4	S	4-5	O	"	45	31	Cymric	O	30.26	-0.4	WSW	4-5	C
"	55	13	Canada	H	29.96	-0.1	S	1-3	O	"	55	12	Camoronia	O	?	?	S	4-5	C
"	54	14	Lake Manitoba	O	29.96	-0.6	SW	4-5	O	"	50	21	Montrose	H	30.08	-0.3	?	?	C
"	50	18	Montrose	H	30.00	-0.2	SSW	4-5	O	"	46	25	Zealand	H	30.11	-0.2	SW	1-3	C
"	47	21	Zealand	H	30.03	-0.5	WSW	1-3	C	"	47	25	Majestic	O	30.11	-0.5	SW	4-5	C
"	49	20	Celtic	O	29.96	-1.0	SSW	4-5	O	"									
"	1 p.m.	50	Caronia	H	30.10	-0.1	WNW	1-3	C										
"	7 a.m.	50	Ascania	H	30.16	-0.3	NNW	1-3	O										
"	"	54	Caledonia	H	30.24	-0.3	SSW	4-5	O										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.					Hr.	England, S.E.		In.					
{ Oban ...		-						{ Ramsgate ...		-					
{ Stonehaven ...		-						{ Margate ...		0.06	67	58	b	o-r	
{ St. Andrews ...		-						{ Deal ...		-	68	59	o-c. bc	o-r	
{ Carnoustie ...		-	60	52	o	b	6.8	{ Littlestone ...		-					
{ Harrogate ...		-	60	50	o-c	bc. b. bc	1.7	{ Folkestone ...		0.02	71	59	m. bc	m. op-o	
{ Scarborough ...		-						{ Hastings ...		-	72	58	-	-	
{ Blackpool ...		-						{ Bexhill-on-Sea ...		-	73	60	b. bc. o	o	
{ Southport ...		-	69		b. bc	bc	11.3	{ Eastbourne ...		-	68	57	o. bc. b	o	
{ Buxton ...		-	62	49	bc. m	bc. c	5.1	{ Seaford ...		-	73	57	-	-	
{ Douglas ...		-	65	53	-	-	9.6	{ Brighton ...		-	74	59	bc. b	c. bc. o	
{ Rhyl ...		-	70	53	c	bc	?	{ Worthing ...		?	71	58	bc	c	
{ Colwyn Bay ...		-	68	54	b	b	9.8	{ Bognor ...		-					
{ Llandudno ...		-						{ Southsea ...		-					
{ Bettws y-Coed ...		-						{ Bournemouth ...		-	71	57	b. bc	bc. o	
{ Aberystwyth ...		-	73	57	bc	b. c	11.5	{ Weymouth ...		-	71	57	bc	o	
{ Skegness ...		-	63	58	-	-	6.1	{ Teignmouth ...		0.03	68	58	bc	bc	
{ Lowestoft ...		-						{ Torquay ...		-	68	59	o. bc	bc. o	
{ Felixstowe ...		-	66	59	o. bc	bc. o	9.9	{ Paignton ...		-	68	56	bc. b. l	bc	
{ Southend-on-Sea ...		-	71	58	bc. b	b. bc. o	7.5	{ Weston-super-Mare ...		-					

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.
	7 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.	
			Max.	Min.						
			24 HOURS ENDED 9 A.M. TO-DAY.							
	%	%				In.				Hr.
Greenwich (Royal Obsy.) ...	48	80	74	57	54	-	b	c	o-p	5.6
City (Bunhill Row) ...	"	"	"	"	"	-	"	"	"	"
Westminster (St. James's Pk.)	50	87	72	58	57	-	bc	o bc	bc	"
Camden Sq. (Brit. Rainfall)	50	79	77	58	57	-	bc	bc p	c-o	5.2
Hampstead (Reservoir) ...	"	86	70	55	52	-	bc	bc	o	7.2
			24 HOURS ENDED 6 P.M. YESTERDAY.				Night.	Fore-noon.	After-noon.	
South Kensington ...	"	"	72	57	52	-	} c. bc	bc c	o	5.3
" (Roof of M.O.)	50	87	73	57	"	"				

Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		WEATHER.		
		Max.	Min.	Night.	Fore-noon.	After-noon.
		In Screen.				
Dublin to 4 p.m.	-	66	53	51	o. c	cm
Plymouth to 9 p.m.	0.08	70	59	55	o. b. l.	bc
Darwen	-	65	49	45	bc	bc
Manchester	-	67	54	"	bc	bc
Birmingham	0.01	67	54	50	o	o. c

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

7 and 8 July, 1912.		Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.	
Yarmouth	3.40	11.58	3.15	
	3.41	11.58	3.15	
Greenwich	3.53	12.5	3.16	
	3.54	12.5	3.16	
Wick	3.19	12.17	9.13	
	3.20	12.17	9.13	
Valencia	4.31	12.46	9.0	
	4.32	12.46	8.59	

NOTES ON YESTERDAY'S WEATHER.

During yesterday the barometer rose to 70° and upwards at several of our Western and Southern stations, to 74° at Greenwich and to 77° at Camden Square; on some parts of our north and north-east coasts it did not exceed 60°. The amount of bright sunshine was generally small, but between 9 and 11 hours were recorded on several parts of our east and west coasts. Thunderstorms were experienced locally over Eastern and Central England, and 0.6 in. of rain fell at Clacton-on-Sea. Wireless reports showed that as far as the 20th meridian ships experienced light to fresh breeze from South and South-West, further to the westward the wind was North-Northerly to Northerly. The weather was generally changeable and showery.

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.

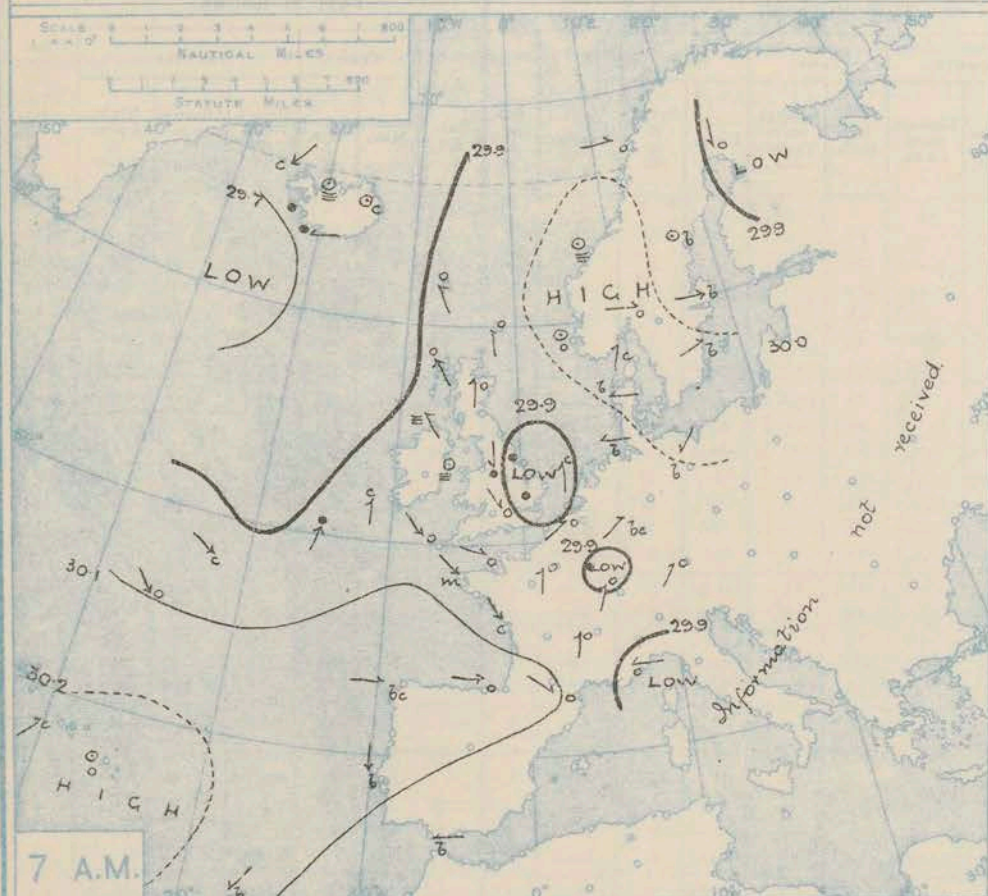
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

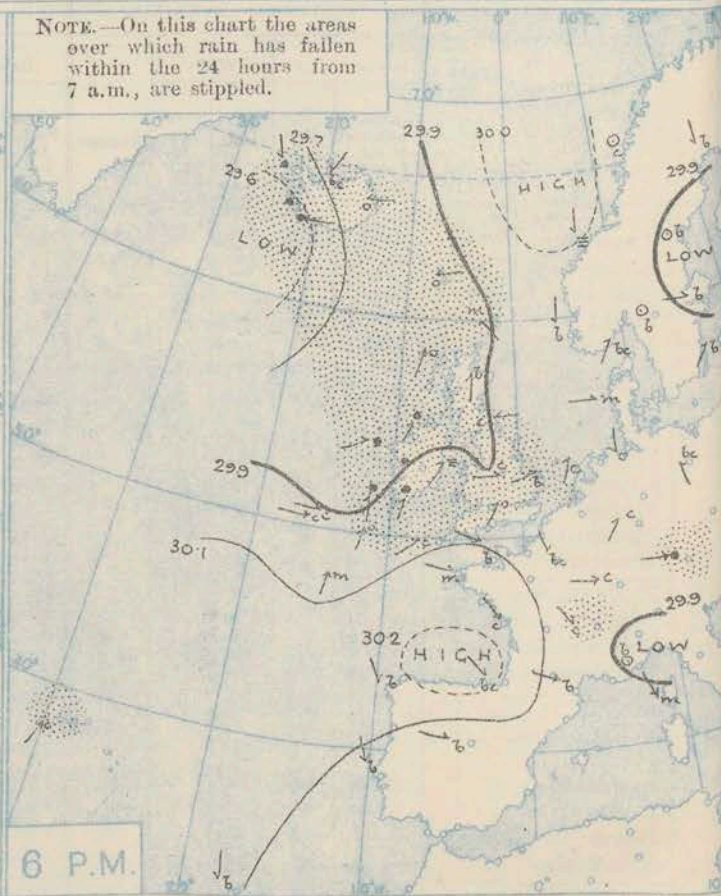
Monday
8th July 1912.

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 35° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.		Direc.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.				Direc.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
		In.	°				In.	In.	°	°				In.	°	°	f	f	f-r	Hours.				
BRITISH ISLANDS.	Lerwick	29.87	53	SE	3	m	29.73	-0.14	53	0	SE	3	f	2	0.02	54	50	f	f	f-r	*			
	Stornoway	29.83	61	SEW	4	dy	29.72	+0.1	53	-1	SW	4	o	3	0.16	62	51	o	c-o	op	4-2			
	Castlebay (Barra Isd.)	29.82	57	SE	3	om	29.76	+0.3	54	-1	WSW	4	o	3	0.47	58	51	o-f	f-om	m-or-o	0-4			
	Malin Head	29.82	58	SW	2	orm	29.80	+0.2	53	-5	SW	4	bc	3	0.26	64	50	of	omr	omr-bc	*			
	Blacksod Point	29.83	58	WSW	3	r	29.86	+0.3	54	-3	W	3	r	3	0.32	60	51	c-r	c-r	opm	*			
	Valencia	29.88	57	S	2	tm	29.99	+0.3	55	-2	WSW	3	c	4	0.27	59	51	o-r	r-m	ym-bc	0-5			
	Roche's Point	29.96	56	SEW	3	r	30.01	*	52	-5	WSW	3	b	3	0.14	61	49	om	omr	r-o-b	*			
	Birr Castle	29.88	57	SW	2	r	29.92	*	51	-5	SW	1	c	*	0.11	63	48	c	or	op-c	0-2			
	Donaghadee	29.87	64	S	2	o	29.86	+0.4	53	-2	WSW	2	c	2	0.10	65	52	odf	om	opm-cp	*			
	Liverpool Obsy.	29.94	60	NW	2	c	29.90	-0.2	59	+2	S	2	r	3	0.04	69	56	b	bc-o	op	9-3			
	Holyhe	29.94	58	SW	2	f	29.92	+0.1	54	-4	W	4	c	3	0.21	64	52	f	cm	r-cm	*			
	Pembroke (St. Ann's Hd.)	30.10	58	SW	4	c	29.98	+0.4	55	-4	W	4	cq	4	0.07	61	54	cm	cm	cgm-r	1-1			
	Newquay	30.05	59	WSW	3	cy	30.02	0.0	59	0	W	3	orgv	3	0.03	61	56	org	bcg	bc-or	4-4			
	Scilly (St. Mary's)	30.05	60	WSW	3	c	30.02	+0.2	55	-2	NNW	4	rm	4	0.02	64	54	om	cm	m	4-0			
	Jersey (St. Aubin)	30.11	62	WNW	5	bm	30.15	*	59	-2	SW	3	om	3	-	67	57	o	cm-b	bc-cm	9-8			
	Portland Bill	30.01	62	WNW	4	c	30.07	+0.2	59	-1	SW	5	c	4	-	63	58	bc	bc	bc	*			
	Dungeness	29.95	64	WSW	4	c	30.06	+0.2	60	-2	SW	3	o	3	-	66	55	c-bc	c	c-o	*			
	Dover	29.98	68	NE	1	b	30.08	*	58	-4	SW	3	o	3	-	68	55	b-bc	b-bc	bc-c-o	6-7			
	Wick	29.83	55	-	0	bc	29.67	-0.3	54	+1	S	1	om	3	trace	57	52	f-om	f-bc	cm-om	*			
	Nairn	29.81	64	-	0	o	29.72	*	53	-2	WSW	3	o	2	0.09	69	52	3	t-3	r-o	6-5			
Aberdeen	29.88	60	S	3	b	29.74	-0.2	57	+2	S	3	c	2	-	63	52	om-bm	bm	b-bc-c	5-8				
Leith	29.84	68	SW	1	o	29.77	-0.1	55	0	SW	3	r	*	0.02	70	55	L	bc-c	c	*				
North Shields	29.90	58	E	2	c	29.85	-0.2	59	+7	SSW	3	c	2	0.01	61	49	-	-	c-r	1-7				
Spurn Head	29.92	62	NW	1	c	29.95	0.0	59	+3	WSW	5	cm	4	0.02	62	55	r-oq	o-cm	o-cm	*				
Yarmouth	29.94	61	WSW	2	o	30.01	+0.3	58	-3	WSW	2	o	1	0.01	63	56	omd	om	om-bc	0-0				
Clacton-on-Sea	29.95	65	W	2	c	30.00	+0.5	57	-2	WSW	3	c	2	0.04	66	55	ag-r-o	ag-c	bc-c	0-8				
Nottingham	29.90	70	W	2	c	29.96	*	59	+3	SW	3	o	*	0.01	72	55	r-cm	om-c	co	5-1				
Bath	30.00	62	W	5	o	30.05	*	60	+1	WSW	5	o	*	-	73	55	-	-	-	6-4				
Oxford	29.99	62	WSW	4	o	30.04	*	61	+5	SSW	5	o	*	0.05	73	54	o-bcm	bc-m-f-o	o	*				
London (Kew Obsy.)	29.96	70	SW	2	om	30.06	+0.2	60	+2	SW	3	om	*	0.19	74	54	O.C	c-om-outl-e	5-1					
ICELAND & FAEROE.	Isafjord	29.67	50	NNW	3	r	29.58	-0.3	46	-1	-	0	r	*	*	*	*	GALES. Duration and Extreme Force on British Coasts.						
	Reykjavik	29.57	55	E	1	r	29.38	0.0	53	+2	-	0	c	*	*	*	*							
	Vestmanna	29.58	51	E	5	o	29.43	-0.2	50	+2	ESE	7	r	1	*	*	*							
	Seydisfjord	29.72	62	E	2	o	29.61	-0.1	48	-1	-	0	f	*	*	*	*							
	Thorshavn	29.84	52	E	1	o	29.66	-0.5	50	-1	E	2	r	*	*	*	*							
SCANDINAVIA.	Haparanda	29.91	60	N	2	b	29.95	+0.4	57	+2	SW	2	c	*	-	68	48							
	Hernösand	29.89	63	-	0	b	29.94	+0.1	61	-4	NE	2	b	*	-	72	50							
	Stockholm	29.89	69	W	2	b	29.91	+0.1	68	-3	WSW	2	b	*	-	81	59							
	Wisby	29.93	66	SW	2	b	29.94	+0.1	66	0	NW	2	b	*	-	72	59							
	Karlstad	29.93	66	-	0	b	29.93	0.0	64	+6	S	2	b	*	-	75	55							
	Færder (Xtania Fjord)	29.92	62	SSE	4	b	29.89	+0.1	65	+7	SW	4	b	2	-	65	57							
	Bodö	29.99	53	-	0	c	29.96	-0.1	54	+3	N	1	bc	1	-	55	50							
	Christiansund	30.00	54	N	1	f	29.91	-0.2	57	+6	-	0	m	1	-	57	54							
	Skudesnaes	29.97	58	N	2	b	29.89	-0.1	62	+7	E	2	c	2	-	62	54							
	The Scaw (Skagen)	29.98	63	SSW	2	bc	29.94	-0.1	63	+4	SSW	2	b	0	-	73	57							
Blaavands Huk	29.94	66	W	1	m	29.97	+0.2	64	-2	SW	3	o	2	-	77	59								
GERMANY, &c.	Cuxhaven	29.95	67	N	2	o	30.01	+0.2	65	+1	W	3	o	*	-	75	63							
	The Heider	29.98	62	SW	3	c	30.01	+0.2	64	+2	SSW	4	b	2	-	68	59							
	Brussels	30.00	63	-	0	b	30.11	+0.5	58	-4	SW	2	o	*	0.04	73	55							
	Berlin	29.92	77	SE	1	bc	29.99	+0.2	71	+2	S	1	bc	*	-	81	63							
	Frankfurt	30.00	66	SW	1	c	30.09	+0.3	63	-2	SW	1	m	*	-	79	57							
	Munich	30.04	55	W	5	r	30.11	+0.2	60	-1	SW	4	o	*	0.12	68	54							
FRANCE.	C. Gris Nez	29.99	62	S	4	bc	30.10	+0.4	59	-3	WSW	4	c	3	-	70	59							
	La Hève	30.07	61	NNW	3	m	30.14	*	59	+1	W	3	m	2	-	73	55							
	Brest (St. Mathieu)	30.18	61	WNW	2	m	30.16	+0.1	59	+2	SW	3	m	2	-	64	57							
	Lorient (Bec Meien)	30.12	62	NW	4	bc	30.13	*	61	+1	WSW	3	o	2	-	70	54							
	Rochefort (Ile d' Aix)	30.16	64	NW	4	c	30.20	*	62	-1	NNE	2	o	*	-	68	61							
	Biarritz	30.23	68	NW	3	bc	30.19	*	62	-1	E	1	b	2	-	68	57							
	Paris	30.04	69	NW	2	c	30.17	+0.4	60	-1	NNW	2	o	*	-	72	54							
	Belfort	30.04	67	W	4	c	30.15	*	59	-3	W	2	m	*	-	73	50							
	Lyons	30.08	56	NW	1	c	30.15	*	62	-3	NNW	3	c	*	0.04	74	58							
	Nice	29.84	69	-	0	b	29.93	+0.4	75	+8	-	0	b	0	-	81	61							
Perpignan	30.09	73	WNW	4	b	30.12	-0.1	67	+1	WNW	3	m	*	-	78	61								
Sanguinaire	29.91	69	NW	4	m	29.91	*	70		S	2	m	4	-	75	61								
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)	30.19	63	NW	1	b	30.26	+0.4	53	-4	ENE	1	f	2	-	63	50							
	Lisbon (9 a.m.)	30.07	67	NNW	5	b	30.05	+0.2	69	+3	NNW	3	o	*	-	79	61							
	Gibraltar	29.96	70	E	2	c	29.98	*	70	+7	E	3	o	*	-	*	*							
	Azores (P. Delgada)	30.19	70	SW	4	c	30.15	+0.1	70	+1	SW	4	o	2	0.04	77	68							
Azores (Horta)																								
Madeira (Funchal)	30.13	68	N	3	b	30.14	+0.3	69	+1	N	3	b	3	-	72	55								

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



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



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression over the Icelandic region is likely to remain almost stationary. Small secondary disturbances will pass from west to

east across the United Kingdom, and will occasion a continuance of changeable, showery weather in all districts.

FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

- 0 } Southby and South-Westerly winds, moderate; changeable, some showers; rather cool.
- 1 }

- 2 } Moderate South-Westerly to

- 3 } Westerly or North-Westerly winds
- 4 } showers at first, with thunder locally
- 5 } improving temporarily later, cool.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

NO WARNINGS ISSUED.

- 6 } Moderate Westerly and
- 7 } South-Westerly winds; cool.
- 8 } changeable, some showers.
- 9 }
- 10 }

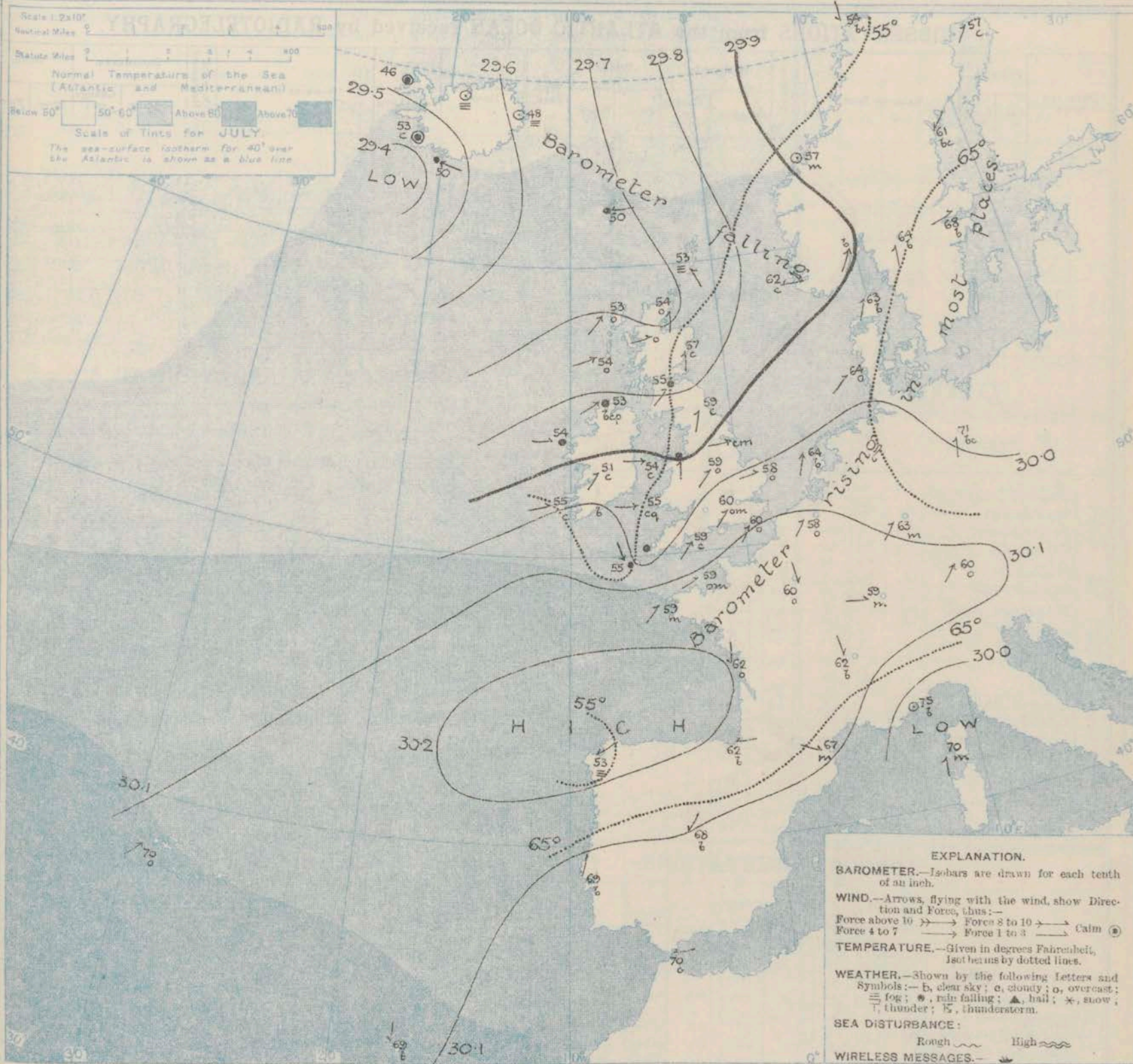
11 WESTERN CHANNEL AND BAY.

Moderate South-Westerly to North-Westerly winds, with gusty showery weather, and a moderate sea; cool.

THE FURTHER OUTLOOK (All districts)

Changeable weather is likely to continue.

SYNOPTIC CHART FOR 7 A.M. MONDAY, 8TH JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A depression of moderate intensity is lying to the south-westward of Iceland and small secondary "V" shaped disturbances are passing from west to east across the United Kingdom. The highest pressures are found over the Bay of Biscay, but the barometer is still high over the entire southern portions of the Atlantic.

The wind is light to moderate from the Southward or South-Westward over the greater part of the United Kingdom and the North Sea. In France it is light from the Northward, but in Scandinavia it is very variable. Temperature has changed rather irregularly.

In inland portions of the south of England the thermometer stands at about 60°, but in Ireland and the west and north of Scotland it is below 55°. The continental values range from 71° at Berlin, and 70° at Sanguinaire and Gibraltar to 60° and less in the north of Scandinavia. The sky is cloudy or dull over western Europe as a whole, with rain at several of our western and northern stations, as well as in France and western Ireland. In Scandinavia the weather is fine. The sea is moderate off our south-west coasts, slight or smooth elsewhere.

DAILY WEATHER REPORT.

Monday, 8th July, 1912

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WRA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WRA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
7th, 6 p.m.	50	14	Mauretania	H	30.01	-0.04	W	4-5	c	7th, 7 a.m.	46	25	Baltic	O	30.01	+0.05	NW	4-5	c
"	50	13	Lusitania	O	29.95	+0.03	W	1-3	c	"	50	14	Montrose	H	29.96	-0.01	SSW	4-5	c
"	50	10	Montrose	H	30.00	-0.01	SSW	4-5	c	"	55	11	Mongolian	H	29.93	.00	S	4-5	c
"	48	12	Zealand	H	29.92	-0.01	SSW	4-5	hw	"	48	21	Mauretania	H	30.04	-0.02	WNW	4-5	c
" 7 a.m.	48	16		H	29.92	.00	SSW	4-5	r										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.	
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.
Scotland.		In.					Hr.	England, S.E.		In.				
{ Oban ...		-	59	52	f	b.	4.1	{ Ramsgate ...		0.10				
{ Stonehaven ...		-	59	52	f	b.	4.1	{ Margate ...		0.32	67	57	r.b.	b.
{ St. Andrews ...		-	59	52	f	b.	4.1	{ Deal ...		0.02	71	57	o.c.u	p.bcm
{ Carnoustie ...		-	61	49	m.b.c	bc.	5.7	{ Littlestone ...						
Eng. N.E. { Harrogate ...		-	67	50	o	c.b.	3.0	{ Folkestone ...		-	66	57	m.o.c.	m.b.c
{ Scarborough ...		-	59	48	og	og	0.2	{ Hastings ...		-	71	57	o.c.	bc.b.
England, N.W. { Blackpool ...		-	67	47	bm	bm	11.2	{ Bexhill-on-Sea ...		-	68	56	b	b
{ Southport ...		-	67	47	b.b.c.	bc.c.	10.5	{ Eastbourne ...		-	69	57	b	b
{ Buxton ...		-	67	47	b.b.c.	bc.c.	10.5	{ Seaford ...		-	66	54	b	b
{ Douglas ...		-	65	51	by	by	9.0	{ Brighton ...		-	71	55	b.b.c.	bc.c.
Wales. { Rhyl ...		-	66	49	c.b.	bc.c.	8.2	{ Worthing ...		-	73	53	b	b
{ Colwyn Bay ...		-	69	52	b	bc.c.	8.6	{ Bognor ...		-				
{ Llandudno ...		-	70	53	b	b.o	9.4	{ Southsea ...		-	73	53	c.b.	bc.c.
{ Bettws y-Coed ...		-						{ Bournemouth ...		-	73	56	c.b.c.	p.b.c.bm
{ Aberystwyth ...		-	65	55	by	o	5.6	England, S.W. { Weymouth ...		-	73	58	bc.b.	b.b.c.
{ Skegness ...		-	63	57			0.1	{ Teignmouth ...		-	74	59	bc	bc
{ Lowestoft ...		0.05	63	59	op	op	0.1	{ Torquay ...		-	73	58	b.b.c.	bc.c.
{ Felixstowe ...		0.09	65	58	dm.o	cm	0.9	{ Paignton ...		0.02	73	54	b.b.c.	bc.
{ Southend-on-Sea ...		0.16	72	58	r.c.b.c	c.b.c.b	2.5	{ Weston-super-Mare ...		0.05	66	55	b	bm

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.	
			Max.	Min.						
24 HOURS ENDED 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	% 55	% 74	75	54	4.8	0.17	c.	b.	or.b.	Hr. 5.4
City (Bunhill Row) ...	*	*	*	*	*					4.7
Westminster (St. James's Pk.)	58	75	73	55	5.2	0.07	bc	bc.tr	bc	5.1
Camden Sq. (Brit. Rainfall)	*	68	75	54	5.1	0.04	c	bc.tr	c	4.8
Hampstead (Reservoir) ...	*	75	71	52	4.4	0.01	or.pl	bc	ctt	5.1
24 HOURS ENDED 6 P.M. YESTERDAY.							Night.	Fore- noon.	After- noon.	
South Kensington ...	*	*	74	58	5.7	-	} oc.og	c. bc.	bc.c.o	} 4.9
" " (Roof of M.O.)	*	73	74	58	*	*				

Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.		
		In Screen.	Min. on Grass.	Night.	Fore- noon.	After- noon.
		Max.	Min.			
		24 HOURS ENDED 9 A.M. TO-DAY.				
Dublin to 4 p.m.	-	67	52	50	m.c.o	cm.
Plymouth to 9 p.m.	-				cm.	cm
Darwen "	-	74	52		bc	b.c.
Manchester "	-	73	52	47	b	c
Birmingham "	-					

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

8th July, 1912.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	{ 3.41 3.42	{ 11.58 11.58	{ 8.15 8.16
Greenwich ...	{ 3.54 3.55	{ 12.5 12.5	{ 8.16 8.15
Wick ...	{ 3.20 3.21	{ 12.17 12.17	{ 9.13 9.12
Valencia ...	{ 4.52 4.33	{ 12.46 12.46	{ 8.59 8.59

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to a little above 70° in most parts of central and southern England, and to 75° at Greenwich and Camden Square. At most of the western stations the duration of bright sunshine was small, but in other parts of the country it was considerable. Showers fell in most districts, a thunderstorm occurred in London, and thunder was heard at Bournemouth. Wireless reports showed that as far west as the 25th meridian moderate to fresh breezes from between S.W. and N.W. showed a

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.

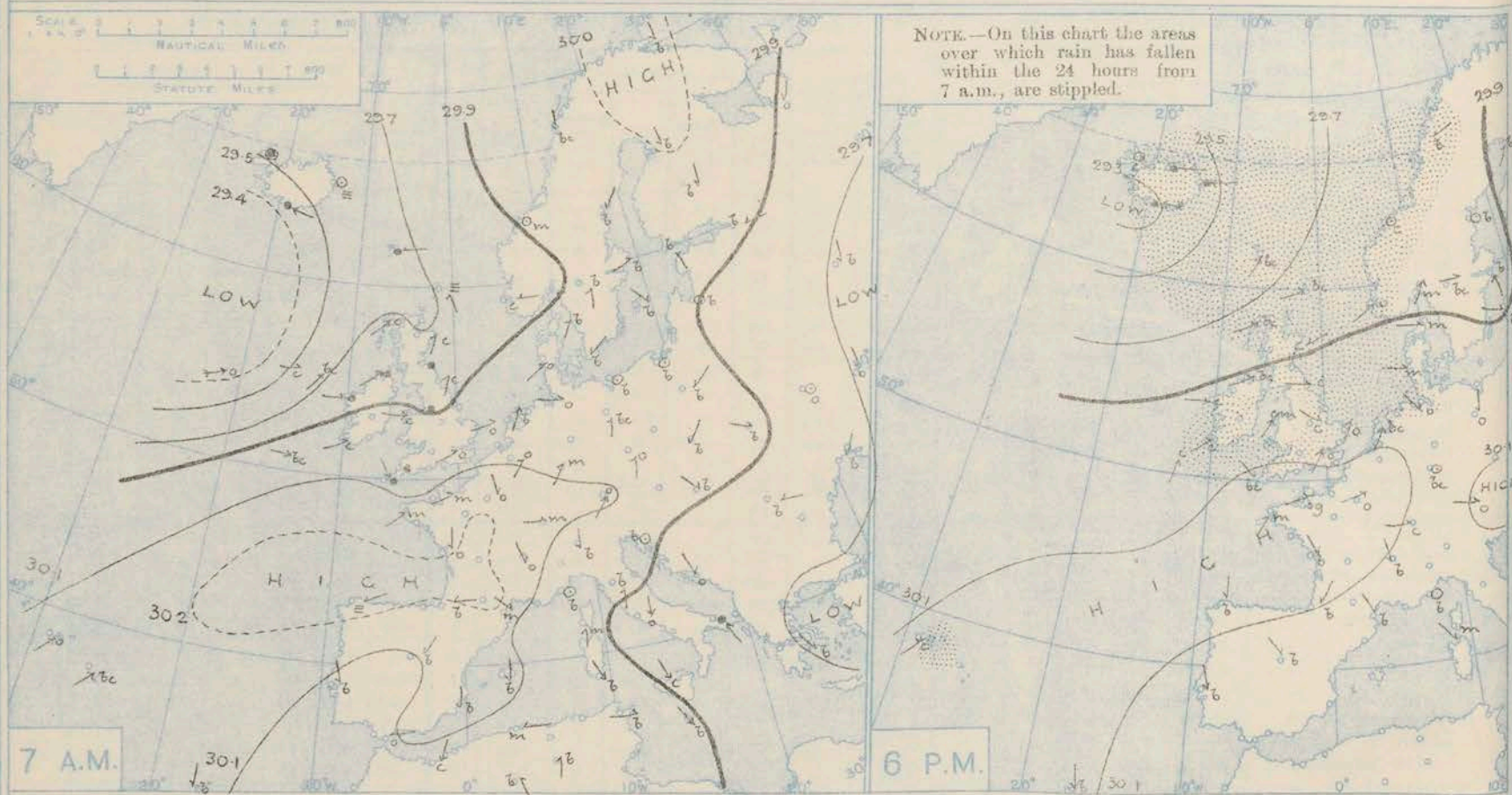
Tuesday, 9th July, 1912.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
		Barom.	Temp.	Wind.		Weather.	Barometer.	Temp.	Wind.		Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	Temp.		Weather.						
				At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.				Direc.	Force (0 to 12).					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.	"	"	S	4	b	3	In.	"	"				Hours		
BRITISH ISLANDS.	Lerwick	29.74	55	WSW	4	bc	29.89	+0.15	54	+1	S	4	b	3	0.05	55	51	fd	bcq	bcq	8.8		
	Stornoway	29.78	58	WSW	6	bcq	29.86	+0.08	54	+1	SSW	5	o	4	0.01	60	52	a.b.cq	bcq	c.op	11.5		
	Castlebay (Barra Isd.)	29.85	56	SW	4	bc	29.88	.00	55	+1	SSW	4	o	4	0.01	57	53	o.c.o	sp.c.bc	bc.op	*		
	Malin Head	29.90	58	WSW	4	bcq	29.97	+0.07	54	+1	SW	4	cqm	3	-	59	50	gmq	cq	cqm	*		
	Blacksod Point	29.95	57	W	5	c	29.94	+0.01	56	+2	W	3	o	2	0.03	59	51	omp	omp	omp	*		
	Valencia	30.07	57	WSW	3	c	30.02	.00	55	o	S	1	c	4	trace	59	50	bc	bc	bc	9.5		
	Roche's Point	30.07	59	WSW	4	bc	30.08	*	55	+3	-	o	c	1	trace	62	48	bc	bc	bc	*		
	Birr Castle	30.02	59	WNW	4	bc	30.03	*	51	o	SSE	1	bc	4	0.04	61	45	cp	cp.bc	bc	8.6		
	Donaghadee	29.97	60	SW	3	cp	30.04	+0.07	54	+1	SSW	2	bc	1	trace	63	48	cp	cp	cpm.b	*		
	Liverpool Obsy.	30.04	60	WNW	3	b	30.11	+0.07	57	-2	S	2	b	1	0.02	62	51	p.bc	b	b	9.5		
	Holyhead	30.04	57	SW	4	cm	30.08	+0.04	57	+3	S	2	bc	1	-	62	51	cm	m	bmw	*		
	Pembroke (St. Ann's Hd.)	30.08	57	WSW	4	b	30.11	+0.03	56	+1	W	1	bc	3	trace	67	53	cg	bc	bc	9.1		
	Newquay	30.10	60	W	2	b	30.10	.00	56	-3	SE	1	ogv	2	trace	61	43	ov.bc	bv	bc.o	7.1		
	Scilly (St. Mary's)	30.11	61	NW	1	bc	30.08	-0.03	56	+1	SE	3	m	3	-	63	52	m	bc	bc	7.3		
	Jersey (St. Aubin)	30.15	64	WSW	2	ogm	30.16	*	62	+3	WNW	2	cm	2	-	68	54	o.cm	c.ogm	ogm	3.0		
	Portland Bill	30.08	59	SW	5	c	30.14	+0.06	58	-1	NNE	2	bc	3	-	61	52	c	om	c.bc	*		
	Dungeness	30.09	62	SW	4	c	30.14	+0.05	58	-2	N	1	o	2	0.05	65	56	o.bc	c	c.o.r.o	*		
	Dover	30.10	60	SW	4	c	30.15	*	56	-2	NW	1	o	2	0.05	63	54	og.bc	bc.cq	c.opd	6.4		
	Wick	29.82	60	WNW	3	bc	29.93	+0.11	54	o	SW	3	bc	2	0.01	62	47	om.cp	c.bc	bc.o.bc	5.8		
	Nairn	29.83	60	WSW	2	bc	29.94	*	55	+2	WSW	3	c	2	trace	62	46	c	bcq	c	3.6		
Aberdeen	29.87	59	ENE	1	c	30.00	+0.13	56	-1	SSW	2	b	1	0.03	63	44	op.c	c	c.bc.b	*			
Leith	29.93	61	NSW	3	bc	30.02	+0.09	56	+1	WSW	3	b	4	0.02	63	51	p.c.bc	c.bc	z.bc	6.9			
North Shields	29.98	63	W	3	c	30.09	+0.11	55	-4	SSW	2	cg	2	trace	65	49	p.c	-	-	*			
Spurn Head	30.00	63	WNW	5	c	30.12	+0.12	56	-3	W	2	bmw	3	0.08	68	51	cp	c	c.bc	*			
Yarmouth	30.03	68	SW	3	o	30.14	+0.11	60	+2	NNE	2	bc	1	0.04	71	56	o.bc	bc.o	bc	6.0			
Clacton-on-Sea	30.04	68	SW	3	c	30.14	+0.10	56	-1	WSW	1	b	0	-	70	49	c.bc.c	c	c.bc.b	5.0			
Nottingham	30.02	64	WNW	3	c	30.13	*	51	-8	WSW	1	bm	*	0.03	67	45	o.cp	o.c	cm	2.7			
Bath	30.10	63	W	3	bc	30.17	*	50	-10	NE	1	b	*	0.05	66	41	-	-	-	3.7			
Oxford	30.10	58	WSW	2	b	30.16	*	56	-5	-	o	bg	*	trace	66	45	c.o	st.cm	bm	*			
London (Kew Obsy.)	30.07	66	SW	4	o	30.16	+0.09	54	-6	-	o	bm	*	0.02	69	49	om.c.o	o	st.o	2.9			
ICELAND & FAEROE.	Isafjord	29.42	54	-	o	c	29.30	-0.12	51	+5	E	4	c	*	*	*	*	GALES.					
	Reykjavik	29.26	60	E	7	c	29.14	+0.12	50	-3	E	3	p	*	*	*	*	Duration and Extreme Force on British Coasts.					
	Vestmanna	29.28	51	E	8	r	29.21	+0.07	49	-1	SE	2	o	1	*	*	*						
	Seydisfjord	29.47	50	E	5	r	29.39	-0.08	48	o	E	3	o	*	*	*	*						
	Thorshavn	29.60	57	SW	5	bc	29.65	.00	53	+3	SSW	4	o	*	*	*	*						
SCANDINAVIA.	Haparanda	29.93	60	SW	2	b	29.95	+0.02	63	+6	S	2	bc	*	-	70	50						
	Hernösand	29.89	57	-	o	b	29.84	-0.05	62	+1	-	o	b	*	-	68	54						
	Stockholm	29.88	66	SE	4	b	29.91	+0.03	66	-2	WNW	2	o	*	-	81	59						
	Wisby	29.89	66	W	2	b	29.92	+0.03	66	o	W	2	bc	*	-	72	59						
	Karlstad	29.87	68	WSW	2	bc	29.91	.00	64	o	SW	4	bc	*	-	73	57						
	Færder (Xiania Fiord)	29.85	62	SSW	6	m	29.90	+0.05	62	-3	WSW	6	m	3	-	66	59						
	Bodö	29.80	54	ENE	2	b	29.75	.00	54	o	-	o	b	1	0.08	55	48						
	Christiansund	29.75	60	-	o	c	29.94	+0.19	54	-3	W	5	o	2	0.20	63	54						
	Skudesnaes	29.87	59	SW	2	o	30.02	+0.15	57	-5	NNE	2	b	2	0.04	62	50						
	The Scaw (Stagen)	29.95	60	W	3	m	29.97	+0.02	62	-1	W	2	m	0	-	70	55						
Blaavands Huk	30.01	60	W	2	m	30.06	+0.05	62	-2	N	2	o	1	-	68	57							
GERMANY, &c.	Cuxhaven	30.05	63	NW	2	o	30.09	+0.04	63	-2	SW	2	o	*	0.08	73	57						
	The Helder	30.07	62	SSW	4	c	30.13	+0.06	62	-2	WNW	1	c	1	-	64	59						
	Brussels	30.12	60	W	1	o	30.18	+0.06	58	o	SW	1	o	*	-	67	52						
	Berlin	30.01	68	N	2	o	30.08	+0.07	64	-7	NW	2	o	*	0.12	82	61						
	Frankfurt	30.09	66	-	o	bc	30.11	+0.02	64	+1	SE	1	m	*	-	79	59						
	Munich	30.11	62	W	1	o	30.13	+0.02	62	+2	SW	2	o	*	-	70	57						
	C. Gris Nez	30.12	61	SW	5	c	30.12	+0.02	59	o	SW	4	o	3	-	64	57						
FRANCE.	La Hève	30.13	65	-	o	o	30.13	*	?	?	-	o	m	0	-	75	64						
	Brest (St. Mathieu)	30.18	61	SW	2	m	30.16	+0.01	58	-1	S	2	m	2	-	64	57						
	Lorient (Rec. Melon)	30.11	68	W	2	bc	30.14	*	60	-1	SE	1	m	2	-	70	55						
	Rochefort (Ile d'Aix)	30.15	66	NW	3	b	30.15	*	63	+1	NE	2	c	*	-	73	57						
	Biarritz	30.10	67	NNE	3	b	30.10	*	64	+2	-	o	b	1	-	73	57						
	Paris	30.15	68	WSW	1	bc	30.19	+0.04	63	+3	E	1	b	*	-	72	56						
	Belfort	30.08	71	W	3	c	30.19	*	60	+1	-	o	m	*	-	81	54						
	Lyons	30.08	73	NNW	2	b	30.14	*	64	+2	NNW	3	b	*	-	78	59						
	Nice	29.93	73	-	o	b	30.03	+0.10	73	-2	-	o	b	0	-	81	64						
	Perpignan	30.06	72	NW	2	b	30.07	+0.01	70	+3	WSW	2	b	*	-	82	61						
Sanguinaire	29.94	69	NW	2	m	29.99	*	71	+1	W	2	m	3	-	75	61							
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)	30.12	61	N	2	b	30.03	.00	58	+5	NNW	1	f	3	-	68	53						
	Lisbon (9 a.m.)	30.04	65	NNW	5	b	30.06	+0.02	68	-1	N	3	b	2	-	81	61						
	Gibraltar	29.86	70	E	3	c	29.87	*	71	+1	E	2	bc	*	-	*	*						
	Azores (P. Delgada)																						
	Azores (Horta)	30.17	70	SW	1	c	30.17	+0.01	69	-1	SW	3	bc	2	0.04	75	68						
Madeira (Funchal)	30.18	69	N	3	b	30.16	+0.02	69	o	N	3	b	2	-	73	57							

* Information for these columns not usually received.

† Received too late for insertion in Chart.

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



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression to the westward of Iceland is likely to remain stationary, and will have little or no effect upon the weather in these Islands. There are

some indications of the advance of small secondary disturbances towards the mouth of the Channel. This system may spread eastwards over our southern districts.

FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

0 { a } Southerly and South-westerly
b } winds, moderate or fresh; fair; cool.

1 { Southerly winds, light; fine
generally; rather warmer.

3 { Variables breezes, finally South
4 { a } Easterly; fine to-day, some rain
b } to-morrow; normal 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.

Signals hoisted at 7.15 p.m. yesterday in Districts 6, 7 and 9; lowered at 10.30 a.m. to-day in Districts 6, 7 and 9.

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

7 { a }
b }

8 { a } South-Easterly winds, light or
b } moderate; fine at first, some rain later; rather cool.

9 { a } Southerly winds, light; fair
b } generally, but cloudy and misty in places; rather cool.

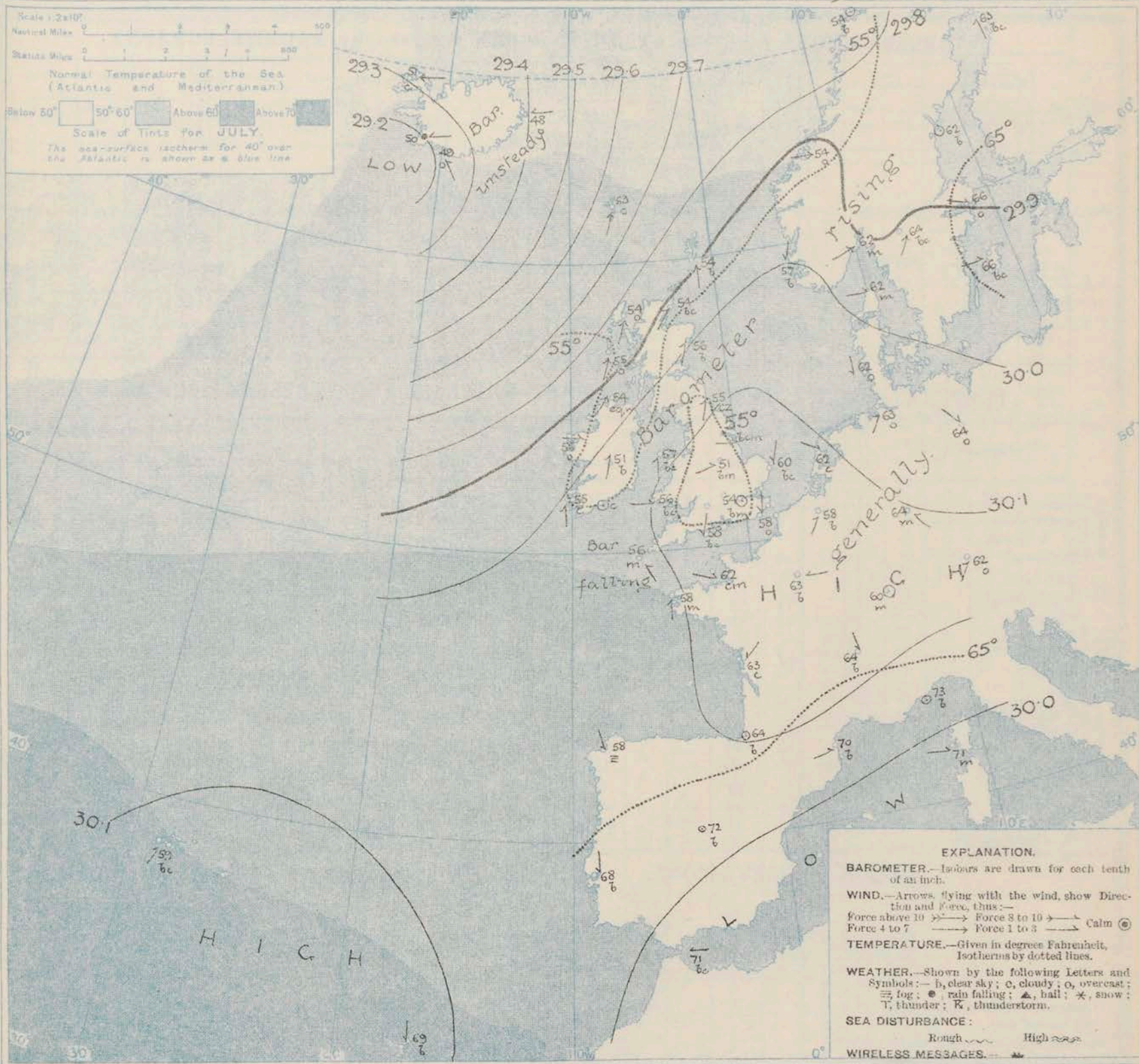
10 { a }
b }

11 WESTERN CHANNEL AND BAY.

Moderate to fresh South-Easterly winds, with some rain and mist, and a moderate sea; normal temperature.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. TUESDAY, 9TH JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is highest over the Azores and also in an anticyclone which covers the whole of England, France and South Germany. A rather deep depression still lies off Western Ireland. The barometer is rising generally, but is falling about the mouth of the Channel.

light variable breezes prevail in the anticyclonic region over England and France, but on our western and northern coasts the wind is light to moderate from the S.^{W.}, while in Iceland it is E.^{N.E.} Temperature has fallen decidedly over England, and is

now as low as 50° at Bath, and 51° at Nottingham; on our south and east coasts the thermometer ranges between 56° and 60° . The Continental values range from 70° or a trifle above it in the south of France, and from 65° and upwards over the Baltic to a little below 55° in the west of Norway. The weather is fair or fine over Western Europe as a whole, but misty in places. Rain is falling at Reykjavik. The sea is slight or smooth generally, but moderate on our extreme western coasts.

DAILY WEATHER REPORT.

Tuesday, 9th July, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
8th, 6 p.m.	55	12	Pretorian	H	29.87	+0.3	SW	4-5	c	8th, 7 a.m.	55	16	Pretorian	H	29.74	-0.1	W	4-5	o
"	51	13	Montcalm	H	29.98	+0.1	SSW	4-5	c	"	54	23	Cameronia	O	29.39	+0.1	WSW	8-9	o
" 7 a.m.	51	16		H	29.91	+0.1	W	6-7	bc	"	55	13	Carthaginian	H	29.70	+0.2	SW	6-7	bc

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	0.13	61	51	p.c.	bc.	8.0	England, S.E.	Ramsgate	0.07	70	55	c.b.	c.o.	2.4
	Stonhaven	0.01	62	52	cp	b.bc.	4.3		Margate	0.04	69	55	omc.	bc.c	7.0
	St. Andrews	0.01	66	52	c.b.	b.	6.6		Deal	0.01	66	56	c.	m.c.	5.2
	Carnoustie	0.01	62	51	c.b.c.	b.	6.7		Littlestone	0.01	65	54	b.bc.	bc.o	6.0
England, N.E.	Harrogate	0.01	62	51	c.b.c.	b.	6.7	England, S.W.	Folkestone	0.01	65	56	c.b.c.	bc.o	6.2
	Scarborough	0.01	68	56	c.b.v.	c.b.	6.6		Hastings	0.01	65	56	c.b.c.	bc.o	5.4
	Blackpool	0.12	62	56	r.o.c.	bm	9.4		Bexhill-on-Sea	0.01	64	56	b.	bc.o	6.7
	Southport	0.17	61	56	or.c.b.	c.b.	8.7		Eastbourne	0.01	63	58	b.bc.	bc.o	5.2
England, N.W.	Buxton	0.06	61	52	bc	bc.	4.5	England, S.E.	Seaford	0.01	65	56	c.b.c.	c.o	5.2
	Douglas	0.10	60	51			10.0		Brighton	0.01	65	56	c.b.c.	c.o	4.7
	Rhyl	0.12	63	54			9.6		Worthing	0.01	65	54	c.	c	4.3
	Colwyn Bay	0.23	64	53	bc.b.	b.	9.0		Bognor	0.01	67	56	bc.o.	o	4.5
Wales.	Llandudno	0.01	65	53	c.b.	b.	10.5	England, S.W.	Southsea	0.01	64	54	o.c.bc	om	1.5
	Bettws y-Coed	0.01	63	57	c.b.c.	b.	5.7		Bournemouth	0.01	64	54	o.c.bc	om	1.5
	Aberystwyth	0.08	62	56	o.c.b.	c.b.	10.0		Weymouth	0.01	64	56	o.p.	o	0.9
	Skegness	0.48	69	58			5.8		Teignmouth	0.01	68	56	c.b.c.	bc	0.7
England, E.	Lowestoft	0.01	72	58	c.b.c.	b.bc.o.c	6.6	England, S.W.	Torquay	0.02	66	57	o	c	0.9
	Felixstowe	0.01	71	55	bm	cgm	5.5		Paignton	0.01	68	55	o.b.c.	bc	1.1
	Southend-on-Sea	0.01	70	55	o.c.bc.b	o.b.c.c.	2.9		Weston-super-Mare	0.08	63	56	dp.bc	bc	5.5

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.	
			Max.	Min.						
	24 HOURS ENDED 9 A.M. TO-DAY.									
Greenwich (Royal Obsy.) ...	% 65	% 58	73	50	38	0.02	c.b	c.b	b.p.	Hr. 3.5
City (Hunhill Row) ...										3.1
Westminster (St. James's Pk.)	69	58	68	50	45	0.02	bc	bc	bc.c	3.7
Camden Sq. (Brit. Rainfall)	64	57	71	47	44	-	bc.	c.o	b.c	3.2
Hampstead (Reservoir) ...	.	58	66	48	35	-	cb	bc	bc	3.6
24 HOURS ENDED 6 P.M. YESTERDAY.										
South-Kensington ...			72	55	51	0.05	Night.	Fore-noon.	After-noon.	
" (Roof of M.O.)	65	53	73	55	51	0.05	c.o	c.	c.c	3.0

Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
		In Screen.	Min. on Grass.	Night.	Forenoon.	Afternoon.	
		Max.	Min.				
Dublin to 4 p.m.	0.07	64	52	50	or.b.	c.b.	c
Plymouth to 9 p.m.	0.04	65	56	55	c.b.v.	om	od.b
Darwen	0.20	61	52	52	au	r.b.c	bc
Manchester	0.17	64	55	54	c.o.	or.c.	bc.b
Birmingham	0.08	66	54	49	o	r	c.b.

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

9th July, 1912.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.42	11.58	8.14
Greenwich	3.55	12.5	8.15
Wick	3.21	12.17	9.12
Valencia	4.33	12.46	8.59

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 70° or a trifle above it at several stations in the east and south-east of England; on our extreme western coasts it did not reach 60°. The amount of bright sunshine was generally small but as many as 10½ hours were recorded at Llandudno, and 11½ hours at Bactley Bay. Showers were experienced in most districts, & thunder was heard at Aberystwyth. Wireless reports show that as far west as the 23rd meridian ships experienced strong to high winds from West and South-West, but fair weather.

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

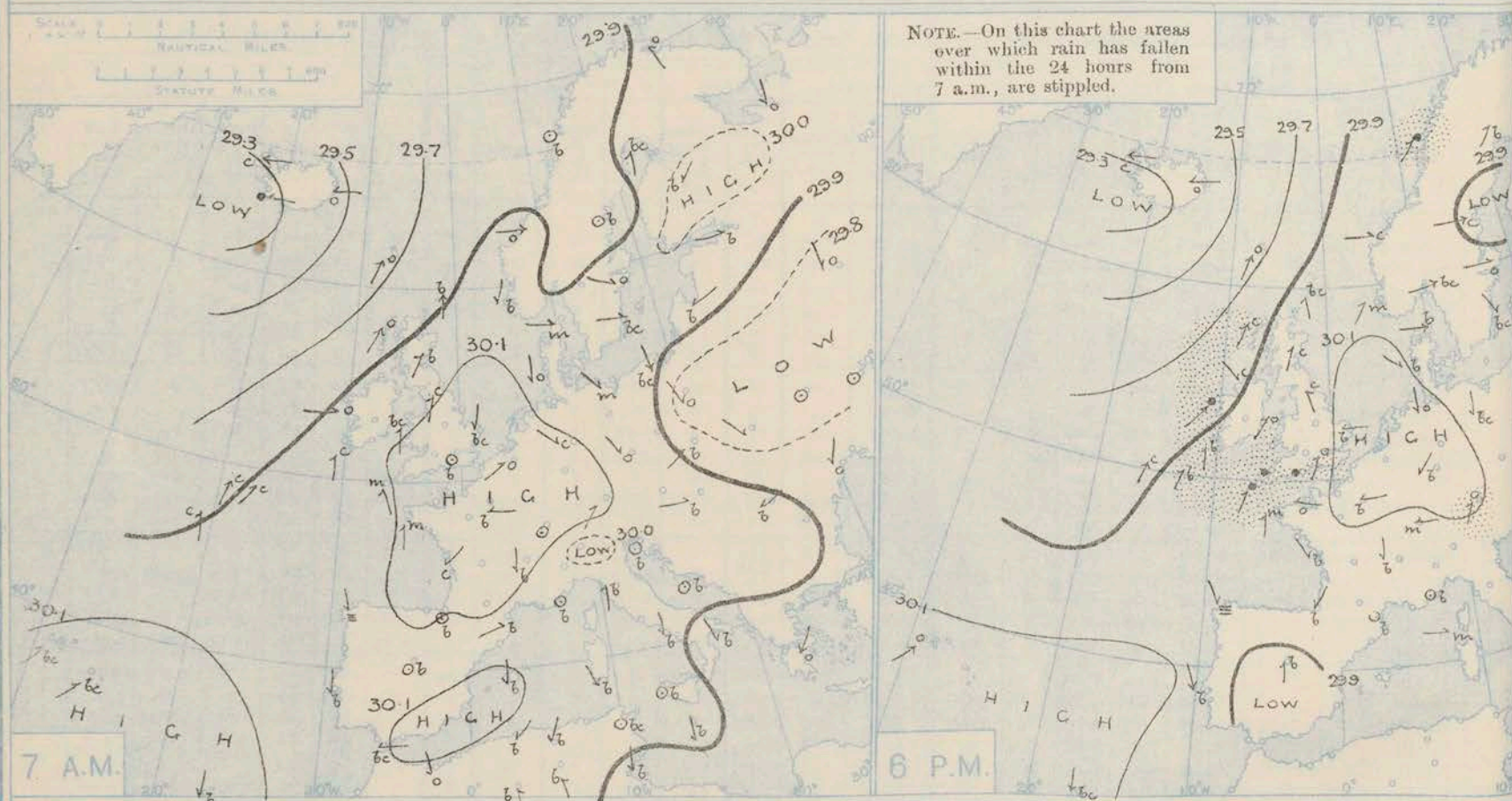
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday
10th July 1912.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER							
				At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.		Dirac.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.			Dirac.	Force (0 to 12).	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.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	Hours.				
BRITISH ISLANDS.	Lerwick	29.95	54	SSE	2	bc	29.82	-0.07	54	0	SSE	4	c	3	-	58	51	bc	bc	cm	*			
	Stornoway	29.86	58	SSW	5	c	29.61	-0.09	54	0	SSE	5	r	4	0.02	59	52	a.cq	cq	opq	1.9			
	Castlebay (Barra Isd.)	29.87	56	SSW	4	o	29.57	-0.10	55	0	SE	4	r	5	0.03	57	54	op. o	o	or	1.0			
	Malin Head	29.90	57	NW	2	c	29.57	-0.15	55	+1	S	6	cq	2	-	61	52	og	og	ogq	*			
	Blacksod Point	29.87	56	SW	5	r	29.47	-0.03	57	+1	SW	7	r	5	0.03	60	54	ogpm	ogpm	ogpm	*			
	Valencia	29.91	58	S	2	b	29.67	-0.03	58	+3	S	3	r	4	0.03	63	54	bc	bc	cm-r	8.2			
	Roche's Point	29.95	56	SE	1	o	29.76	*	58	+3	SSW	4	f	4	0.02	62	53	c. o	o	c. b. f. e	*			
	Birr Castle	29.91	61	S	1	c	29.68	*	59	+8	SE	5	o	*	-	64	51	c	c	o	5.9			
	Donaghadee	29.99	59	SSE	3	bc	29.75	-0.03	57	+3	SSE	4	c	3	trace	62	53	bc	bc	od. p. c	*			
	Liverpool Obsy.	29.06	63	SW	1	o	29.91	-0.03	59	+2	SSE	3	o	2	-	70	57	b. og	b	o	11.0			
	Holyhead	30.03	58	SW	3	ogm	29.84	-0.03	59	+2	S	5	o	4	0.04	63	51	ogm	odpm	cpm	*			
	Pembroke (St. Ann's Hd.)	29.99	57	S	5	o	29.86	-0.03	58	+2	S	6	ogm	5	trace	60	55	bcv	cg	cgpm	2.6			
	Newquay	30.00	57	SE	4	r	29.90	-0.02	59	+3	S	4	ogf	2	0.28	60	56	opd	or	or. o	0.4			
	Scilly (St. Mary's)	29.98	58	SSW	2	rf	29.89	-0.03	58	+2	S	3	df	3	0.12	59	55	rf	rf	df	0.0			
	Jersey (St. Aubin)	30.09	65	ESE	2	ogm	30.02	*	61	-1	WNW	3	cm	3	-	66	55	ogm	ogm	ogm. c	?			
	Portland Bill	30.09	60	SE	2	p	30.01	-0.02	61	+3	ENE	1	bc	2	0.02	63	57	bc. c	op	op. cp	*			
	Dungeness	30.09	63	S	3	c	30.02	-0.02	62	+4	S	3	o	3	0.33	66	57	c. bc	c	cp. o. o	*			
	Dover	30.11	61	SW	3	bc	30.06	*	61	+5	SE	2	o	2	0.09	64	56	c. e. bc	bcv	c. o. m. c	6.9			
	Wick	29.92	60	SSW	2	c	29.77	-0.06	54	0	S	3	c	4	-	63	51	c. bc	bc. c	cg. cm	*			
	Nairn	29.92	61	WSW	2	c	29.71	*	56	+1	-	0	c	1	-	64	46	c	c	c	1.5			
Aberdeen	29.98	59	SSW	2	c	29.82	-0.05	56	0	S	3	o	2	-	65	53	b. bc	bc. c	c. bc. m	8.8				
Leith	30.01	63	SW	1	c	29.79	-0.05	61	+5	S	1	c	*	-	67	53	b. bc	bc. c	c. b	*				
North Shields	30.03	61	SE	3	cg	29.90	-0.02	58	+3	SSW	3	cg	2	-	67	52	-	-	-	4.2				
Spurn Head	30.07	60	SSE	5	c	29.99	-0.01	62	+6	SW	5	cg	5	-	63	55	c	cg	c. cg	*				
Yarmouth	30.12	62	E	3	b	30.06	-0.02	62	+2	S	3	o	2	-	65	59	bc	b	bc. o	12.4				
Clacton-on-Sea	30.09	65	SE	2	bc	30.05	-0.00	61	+5	SE	2	o	2	0.08	67	55	bcv	b. bc	bc. or	11.3				
Nottingham	30.06	67	SSW	2	c	29.98	*	60	+9	SSW	3	o	*	-	70	51	b. bc	bc. c	c	10.7				
Bath	30.08	62	S	1	o	29.99	*	61	+11	SE	1	o	*	0.01	66	50	-	-	-	6.8				
Oxford	30.09	62	SSW	2	o	29.99	*	63	+7	SSE	3	c	*	-	70	55	bm	bm. o	op. cm	*				
London (Kew Obsy.)	30.09	68	SW	2	o	30.01	-0.02	63	+9	SE	1	om	*	0.01	71	54	bm. bc	bc. c. o	o. r	9.8				
ICELAND & FAEROE.	Isafjord	29.30	55	E	4	bc	29.38	+0.01	47	-4	E	3	o	*	-	*	*	*	*	*	GALES. Duration and Extreme Force on British Coasts.			
	Reykjavik	29.21	44	E	1	o	29.23	-0.03	49	-1	SE	2	b	*	-	*	*	*	*	*				
	Vestmanna	29.25	56	SSE	2	b	29.26	-0.01	49	0	E	3	b	1	-	*	*	*	*	*				
	Seydisfjord	29.34	57	E	3	o	29.42	+0.01	48	0	-	0	bc	*	-	*	*	*	*	*				
	Thorshavn	29.67	54	SSW	5	o	29.60	-0.06	51	-2	S	5	r	*	-	*	*	*	*	*				
SCANDINAVIA.	Haparanda	29.94	70	SW	2	b	29.98	+0.02	63	0	S	2	c	*	-	72	45	-	-	-	Duration and Extreme Force on British Coasts.			
	Hernösand	29.87	62	W	4	c	29.99	+0.03	61	-1	N	2	b	*	-	68	54	-	-	-				
	Stockholm	29.95	62	W	2	o	30.05	+0.04	63	-3	NW	2	c	*	0.08	77	57	-	-	-				
	Wisby	29.95	64	NNW	2	bc	30.03	+0.02	62	-4	NNW	2	c	*	-	68	61	-	-	-				
	Karlstad	29.96	61	WSW	4	bc	30.05	+0.04	60	-4	ENE	4	c	*	-	72	52	-	-	-				
	Færder (X'ania Fiord)	29.94	62	SSE	2	bc	30.06	+0.04	59	-3	NNE	4	b	2	-	64	59	-	-	-				
	Bodö	29.99	51	SW	4	r	30.09	+0.01	54	0	-	0	b	0	0.04	54	50	-	-	-				
	Christiansund	30.06	59	W	1	c	30.07	-0.01	58	+4	ESE	1	b	1	-	59	52	-	-	-				
	Skudesnaes	30.07	58	SW	2	m	30.08	-0.00	58	+1	S	2	b	2	-	61	48	-	-	-				
The Scaw (Skagen)	29.99	60	W	5	b	30.06	+0.04	62	0	WNW	5	b	1	-	64	55	-	-	-					
Blaavands Huk	30.15	59	NW	2	b	30.15	+0.01	63	+1	W	1	b	1	-	64	55	-	-	-					
GERMANY, &c.	Cuxhaven	30.13	62	N	2	o	30.15	+0.01	60	-3	SE	3	c	*	-	66	52	-	-	-	Duration and Extreme Force on British Coasts.			
	The Helder	30.14	64	N	2	b	30.10	-0.01	63	+1	S	2	b	0	-	66	50	-	-	-				
	Brussels	30.13	64	WNW	2	b	30.09	-0.01	64	+6	SE	2	o	*	-	73	57	-	-	-				
	Berlin	30.08	69	N	1	bc	30.13	+0.02	66	+2	-	0	o	*	-	73	61	-	-	-				
	Frankfurt	30.11	64	NE	1	b	30.11	-0.00	63	-1	NE	1	m	*	-	77	59	-	-	-				
	Munich	30.12	59	SW	3	o	30.12	+0.01	62	0	S	2	b	*	0.08	73	54	-	-	-				
FRANCE.	C. Gris Nez	30.13	65	SW	1	bc	30.05	-0.01	63	+4	SE	3	r	2	0.04	70	59	-	-	-	Duration and Extreme Force on British Coasts.			
	La Hève	30.10	64	ENE	1	m	30.02	*	?	?	SE	2	m	1	-	77	64	-	-	-				
	Brest (St. Mathieu)	30.10	65	S	2	m	30.02	-0.01	60	+2	S	3	m	3	trace	66	58	-	-	-				
	Lorient (Bec Melen)	30.07	64	W	1	bc	30.00	*	63	+3	WSW	2	bc	2	-	72	55	-	-	-				
	Rochefort (Ile d' Aix)	30.05	69	NW	3	b	30.07	*	65	+2	NW	3	c	*	-	77	63	-	-	-				
	Biarritz	30.04	70	NE	2	b	30.10	*	63	-1	SSW	3	b	1	-	79	63	-	-	-				
	Paris	30.12	71	E	2	b	30.08	+0.01	67	+4	S	1	bc	*	-	74	59	-	-	-				
	Belfort	30.06	72	E	2	m	30.11	*	63	+3	E	4	m	*	-	81	55	-	-	-				
	Lyons	30.04	77	N	2	b	30.09	*	65	+1	SE	1	b	*	-	81	59	-	-	-				
Nice	29.99	76	-	0	b	30.01	+0.02	74	+1	-	0	b	0	-	84	66	-	-	-					
Perpignan	30.00	79	-	0	b	30.06	+0.04	73	+3	-	0	m	*	-	85	62	-	-	-					
Sanguinaire	29.99	64	W	1	m	29.99	*	70	-1	SE	1	m	2	-	77	61	-	-	-					
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)	30.02	64	NW	1	f	30.11	-0.00	65	+7	WNW	1	o	3	-	68	57	-	-	-	Duration and Extreme Force on British Coasts.			
	Lisbon (9 a.m.)	30.09	64	NNW	5	b	30.09	+0.02	64	-4	N	5	b	2	-	79	61	-	-	-				
	Gibraltar	29.97	71	E	2	b	29.97	*	65	-6	E	1	bc	*	-	*	*	-	-	-				
	Azores (P. Delgada)																							
	Azores (Horta)	30.17	72	SW	4	o	30.15	-0.00	71	+2	SW	4	o	2	-	75	69	-</						

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



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression off our western coasts will occasion some further increase in the strength of the Southerly wind in the Irish Sea and the west and north of Scotland. A

shallow secondary disturbance over the Channel will move northwards, and produce local thunder showers over England

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

0 { Southerly winds, strong in places; changeable, some rain; moderate temperatures.

1 { Southerly winds, moderate or fresh; fair at first, some showers later, thunder locally; warmer.

3 { Variable breezes, finally

4 { South-Westerly; close, changeable, thunder showers locally.

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 { Same as No. 0.

7 { Southerly to South-Westerly

8 { winds, strong in places; cloudy, some rain, thunder locally, misty

9 { on coast; normal temperatures.

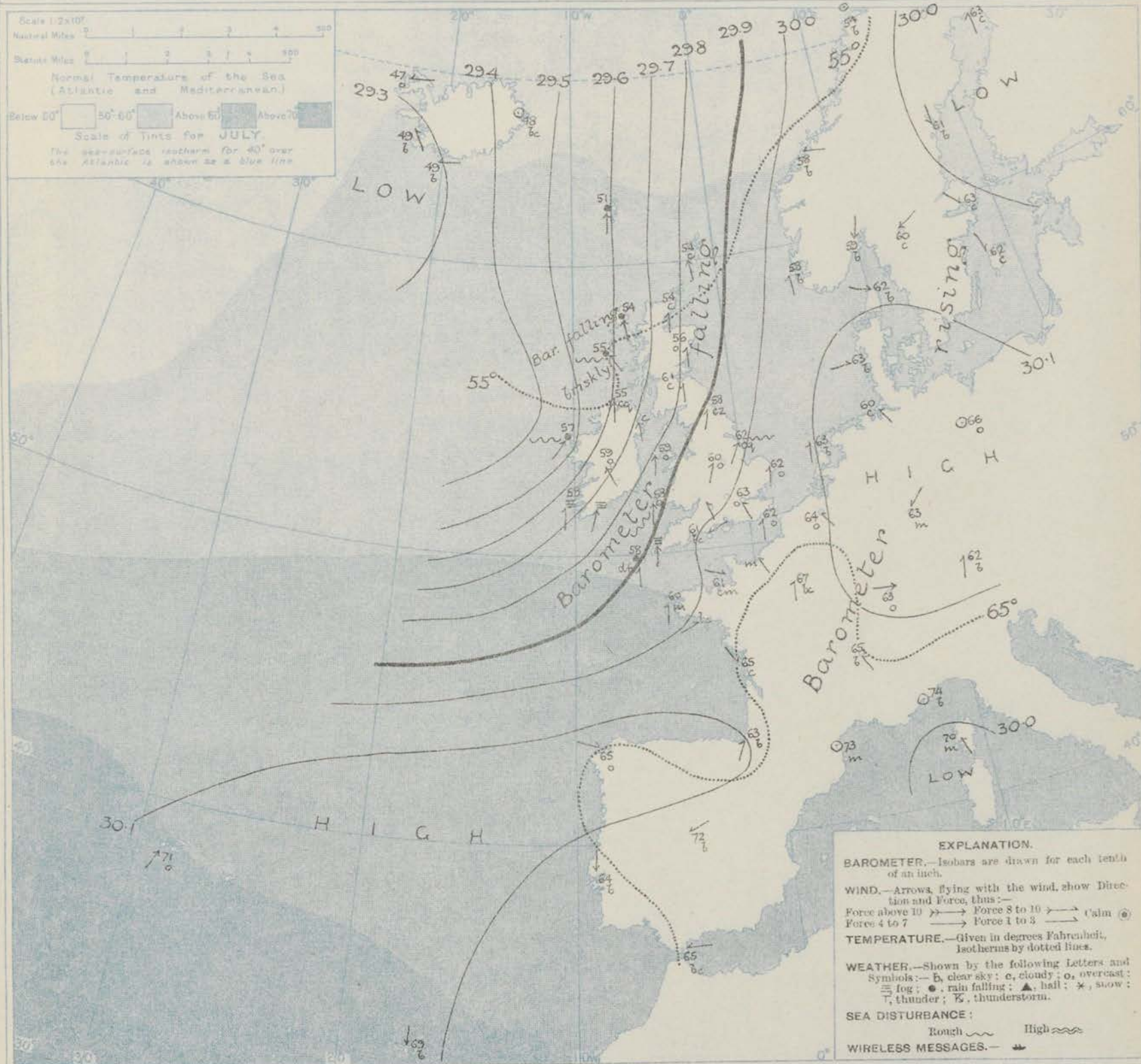
10 {

11 WESTERN CHANNEL AND BAY.

Moderate Southerly to South-Westerly winds and a slight sea; cloudy, misty, some rain, thunder locally; moderate temperatures.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. WEDNESDAY, 10TH JULY 1912



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Barometrical pressure remains lowest off the south-west of Iceland, but a secondary depression is approaching our own western coasts, and is causing a brisk fall of the barometer in the west of Scotland. An extremely shallow disturbance is lying over the eastern part of the Channel.

Southerly winds prevail over the United Kingdom generally, and blow strongly on some of the more exposed parts of our western coasts. At the Channel stations there is a cyclonic circulation of light breezes around the depression in that neighbourhood. Temperature

has risen generally, and is now slightly above 60° in several parts of Great Britain. The continental values range from 70° and upwards in central Spain and the south of France to a little below 60° in the west of Norway. Cloudy weather prevails in most parts of the United Kingdom, with fog on our south-west coasts, and rain in Ireland and the Hebrides. Over the western portions of the Continent the weather is fine. The sea is rather rough on our extreme western coasts, slight or smooth elsewhere.

DAILY WEATHER REPORT.

Wednesday, 10th July, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
9th. 6 p.m.	50	12	Dominion	H	29.95	+10	SW	4-5	0	9th. 7 a.m.	49	17	Dominion	H	29.87	-03	SW	1-3	c
"	50	14	Arabic	H	29.80	-03	SSW	4-5	c	"	49	18	Arabic	H	29.90	-02	SSW	4-5	c
"	50	11	Mount Royal	O	29.98	-05	SSW	4-5	b	"	47	20	Kronland	O	29.87	-11	SE	1-3	c

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.					Hr.	England, S.E.		In.					Hr.
{ Oban ...		0.02	62	51	bc.0	c.bc.	2.2	{ Ramsgate ...		-					4.3
{ Stonehaven ...		-	65	45	bc.	bc.c	3.4	{ Margate ...		-	69	55	bc.	bc.	2.0
{ St. Andrews ...								{ Deal ...		-	70	54	op.c.	bc.c.	7.5
{ Carnoustie ...		0.02	66	46	bc.	bc.	7.2	{ Littlestone ...		-					7.6
Eng. N.E.								{ Folkestone ...		0.01	63	56	op.0	bc.	6.2
{ Harrogate ...		-	67	47	b.bc.	b.bc.	9.4	{ Hastings ...		0.03	66	56	op.	c.bc.	0.7
{ Scarborough ...		-	67	50	c.b.	c.b.	10.0	{ Bexhill-on-Sea ...		0.02	67	57	c.b.	bc.0	7.0
England, N.W.								{ Eastbourne ...		-	67	56	b.	bc.0	6.0
{ Blackpool ...		-	66	54	c.b.	c.	10.7	{ Seaford ...		-	67	56	c.o.b.	b.bc.tp	7.4
{ Southport ...		-	64	48	b.bc.	c.bc.	10.0	{ Brighton ...		0.14	67	56	c.bc.c	c.	7.0
{ Buxton ...		-	64	41	bc.	b.	11.8	{ Worthing ...		-	68	56	bc.c	c.0	6.5
{ Douglas ...		-	60	48	b.	b.	10.4	{ Bognor ...		-					6.4
Wales.								{ Southsea ...		-	67	52	bc.b.	b.or	6.3
{ Rhyl ...		-	65	49	b.c.	b.0	10.3	{ Bournemouth ...		-	68	48	bc.b.	bc.c.op	7.0
{ Colwyn Bay ...		-	66	54	b.	b.bc.	10.0	England, S.W.							
{ Llandudno ...		-	64	52	bc.	bc.p	10.0	{ Weymouth ...		0.01	66	49	b.bc.	op	3.5
{ Bettws y Coed ...		-	71	49	b.	bc.c	9.3	{ Teignmouth ...		0.03	62	45	bc.or	op	2.7
{ Aberystwyth ...		-	64	49	c.b.	o.c.	7.5	{ Torquay ...		0.01	61	48	o	o	2.5
England, E.								{ Paignton ...		0.03	62	44	od	od	2.5
{ Skegness ...		-	64	59	b.bc.	bc.c.c.	12.1	{ Weston-super-Mare ...		-	67	46	bc.	bc.od	5.3
{ Lowestoft ...		-	64	57	b.bc.	bc.c.c.	11.7								
{ Felixstowe ...		-	67	50	b.c.	b.c.	9.5								
{ Southend-on-Sea ...		-	75	58	c.bc.b	b.	11.5								

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.		HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.		WEATHER.			
		3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.		Min. on Grass.	Night.	Fore-noon.	After-noon.
				Max.	Min.									Max.	Min.				
				24 HOURS ENDED 9 A.M. TO-DAY.															
		%	%				In.				Hr.		In.						
Greenwich (Royal Obs.) ...		48	68	75	57	55	0.01	b	b.0	op.bc	11.0	Dublin to 4 p.m.	-	66	50	47	bc	bc	bc
City (Bunhill Row) ...											9.7	Plymouth to 9 p.m.	0.07	60	45	37	or.f.	c.b.	cb.adf
Westminster (St. James's Pk.)		51	75	71	61	58	0.01	bc	bc	bc.r	10.5	Darwen	-	67	47	45	w.bc	bc.	0
Camden Sq. (Brit. Rainfall)		49	71	75	60	57	0.01	b	bc	bc	9.2	Manchester	-	69	47		bc	c	0
Hampstead (Reservoir) ...			74	69	58	52	0.02	bc	bc.od	cm.od	10.8	Birmingham	-	67	46	40	b.	b.0	0
				24 HOURS ENDED 6 P.M. YESTERDAY.			Night.			Fore-noon.	After-noon.								
South Kensington ...				72	51	43	Trace	} oc.clp	bc.c	c.0	} 9.6								
" (Roof of M.O.)		48	74	72	52	.	.												

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

10th July, 1912.	Sunrise. Noon. Sunset.		
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	3.43	11.58	8.14
	3.44	11.58	8.13
Greenwich ...	3.56	12.5	8.14
	3.57	12.5	8.13
Wick ...	3.22	12.17	9.11
	3.23	12.17	9.10
Valencia ...	4.34	12.46	8.58
	4.35	12.46	8.58

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 70° and upwards in several parts of England and Wales, and to 75° at Greenwich, Camden Square and Southend-on-Sea. More than 10 hours of bright sunshine were recorded in several places. Slight rain was experienced in various parts of the country, and thunder was heard at Seaford. Wireless reports show that as far west as the 20th meridian ships experienced light to fresh breezes from the S.W. or S.S.W., and fair weather.

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

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

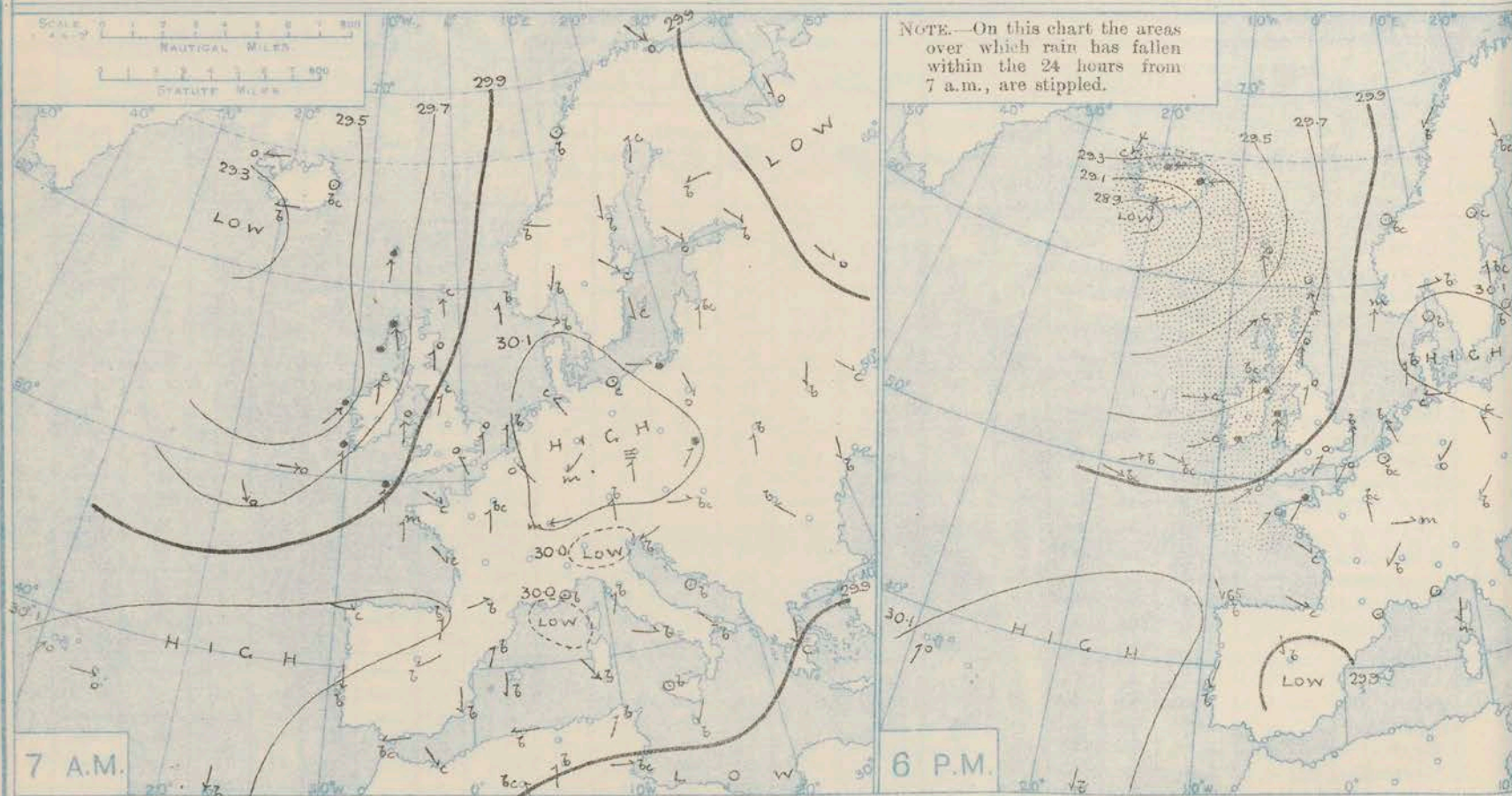
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,
11th July, 1912.

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 (1 to 9).	Rain- fall.	TEMP.		WEATHER.					
		At 32° Fabr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).			At 32° Fabr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Direc.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	
		In.	°				In.	In.	°	°					In.	°	°				Hours			
BRITISH ISLANDS.	Lerwick	29.65	55	SSE	8	o	29.79	+0.6	52	-2	SSE	2	bc	2	0.23	58	50	o	om	or. bc	*			
	Stornoway	29.55	56	SSW	5	cq.	29.72	+0.4	54	0	SW	5	bc	4	0.21	57	51	org	or. cq	o. bcq	0.7			
	Castlebay (Batra Isd.)	29.59	56	SW	5	bc	29.75	+0.2	54	-1	SSW	4	o	5	0.16	57	51	r. o	o. bc	bc. b. p. o	1.5			
	Malin Head	29.64	57	S	4	bc. m. q.	29.80	+0.3	52	-3	S	3	c	3	0.01	60	48	og. q.	bc. q.	bc	*			
	Blacksod Point	29.66	57	W	4	c	29.80	+0.3	55	-2	WSW	3	c	3	0.12	60	50	bc. q. p.	bc. q. p.	bc. q. p.	*			
	Valencia	29.78	58	WSW	3	c	29.87	+0.1	54	-4	-	0	bc	4	0.08	60	48	om. t.	om. t.	bc	3.4			
	Roche's Point	29.79	59	WSW	2	r	29.90	+	53	-5	-	0	bc	2	0.03	60	48	df	d. o	o. c. bc	*			
	Birr Castle	29.73	58	SW	2	c	29.86	+	52	-7	S	1	bc	1	0.03	64	46	o	o. cp	bc	0.5			
	Donaghadee	29.69	60	S	4	op	29.88	+0.7	52	-5	SSW	2	b	1	Trace	62	49	om. q.	op. m.	og. m. bc	*			
	Liverpool Obsy.	29.82	64	S	2	o	29.88	+0.3	62	+3	SW	1	t	2	0.02	72	59	og	bc. p.	o	1.6			
	Holyhead	29.78	59	S	6	og. m. d. p.	29.89	+0.2	55	-4	-	0	c	1	0.27	62	52	om. d. p.	dp. f.	om. r.	*			
	Pembroke (St. Ann's Hd.)	29.86	58	S	5	o	29.89	+0.3	57	-1	W	1	f	3	0.11	60	56	og. b. m.	og. b. m.	og. q. m. d.	0.0			
	Newquay	29.90	60	SE	3	og. m.	29.92	+0.1	61	+2	SW	2	od. g. m.	2	0.09	65	60	og	c. o	op. o. d.	0.0			
	Scilly (St. Mary's)	29.89	60	SW	4	om	29.91	+0.1	59	+1	SSW	2	fe	4	0.09	63	57	om	om	f	0.0			
	Jersey (St. Aubin)	30.02	64	SW	3	og. p. m.	30.05	+	62	+1	SSW	2	bc	2	-	69	56	om. d. p.	om. d. p.	om	6.5			
	Portland Bill	29.97	61	SSW	4	bc	29.99	+0.1	59	-2	SW	4	o	4	-	66	57	c	cp	c. o. c	*			
	Dungeness	29.97	65	SW	3	c	30.03	+0.2	63	+1	SW	3	bc	3	-	70	59	c	c	c. bc	*			
	Dover	29.99	67	SW	3	o	30.04	+	62	+1	SW	3	b	2	-	73	58	o. c. bc	b. bc. g.	og. c. t.	5.7			
	Wick	29.55	57	S	5	c	29.78	+0.6	53	-1	SSW	1	bc. g.	2	0.04	57	46	c. om	c. q. p. z.	om. bc. g.	*			
	Nairn	29.56	65	WSW	3	o	29.78	+	55	-1	SSW	2	c	1	0.05	70	45	c. q.	c. q.	r. c	0.5			
	Aberdeen	29.70	60	S	4	o	29.86	+0.4	55	-1	SW	2	o	2	0.01	65	53	o. c. q. o	om	om. p. o	0.2			
	Leith	29.72	64	SSE	3	o	29.85	+0.5	55	-6	N	1	c	+	Trace	66	52	o. c	o	op	*			
	North Shields	29.79	70	SSW	3	og.	29.86	+0.2	63	+5	SSW	3	o	2	-	71	56	-	-	-	1.1			
	Spurn Head	29.87	65	SSE	4	bc	29.93	0.0	64	+2	S	4	c	4	-	67	57	c. q.	c	c	*			
Yarmouth	29.96	66	S	4	b	30.01	+0.3	63	+1	SSW	2	bc	1	-	69	59	bc	bc	b	5.9				
Clacton-on-Sea	29.95	68	S	3	bc	30.02	+0.4	63	+2	SSW	3	bc	2	-	69	61	og. c	c. bc	bc. c. bc	4.7				
Nottingham	29.87	68	SW	5	c	29.93	+	63	+3	SSW	2	o	+	-	75	60	o. c	c. o. c	c	5.5				
Bath	29.95	65	SW	5	o	29.98	+	63	+2	S	3	o	+	-	71	60	-	-	-	4.4				
Oxford	29.95	64	SSW	4	c	30.01	+	63	0	S	3	o	+	-	75	60	om	om. o	om. o	*				
London (Kew Obsy.)	29.96	68	SW	3	o	30.02	+0.2	63	0	SSW	2	o	+	Trace	77	60	om. bc. q.	c. o	o. c. o	4.6				
ICELAND & FAEROE.	Isafjord	29.32	47	NE	9	c	29.11	-0.3	41	-6	NE	10	r	+	+	+	+	+	+	+				
	Reykjavik	29.00	56	SE	5	o	28.79	0.0	51	+2	N	8	o	+	+	+	+	+	+	+				
	Vestmanna	28.90	56	ESE	4	o	28.85	+0.5	49	0	-	0	o	0	+	+	+	+	+	+				
	Seydisfjord	29.25	49	E	6	r	28.95	+0.3	56	+8	S	5	r	+	+	+	+	+	+	+				
	Thorshavn	29.36	54	SSE	6	o	29.52	+0.4	53	+2	SSW	6	c	+	+	+	+	+	+	+				
SCANDINAVIA.	Haparanda	30.02	59	N	2	bc	30.10	+0.3	58	-5	N	2	f	+	-	72	55	-	-	-				
	Hernösand	30.06	61	-	0	c	30.15	+0.3	64	+3	-	0	bc	+	-	72	54	-	-	-				
	Stockholm	30.08	62	S	2	bc	30.16	+0.3	67	+4	SW	2	b	+	Trace	72	55	-	-	-				
	Wisby	30.09	62	-	0	b	30.17	+0.4	66	+4	NNW	2	b	+	-	70	55	-	-	-				
	Karlstad	30.08	64	WSW	2	b	30.18	+0.4	61	+1	W	2	b	+	-	70	54	-	-	-				
	Færder (X'ania Fiord)	30.08	62	SW	3	b	30.16	+0.3	63	+4	SW	4	b	2	-	68	59	-	-	-				
	Bodö	30.08	51	NE	1	b	30.06	-0.1	62	+8	-	4	b	1	-	762	50	-	-	-				
	Christiansund	29.96	65	-	0	bc	29.91	-0.1	67	+9	-	0	bc	1	-	67	55	-	-	-				
	Skudesnaes	30.02	60	S	6	m	29.98	-0.1	61	+3	SSE	8	o	1	-	761	50	-	-	-				
	The Scaw (Skagen)	30.17	60	-	0	b	30.18	+0.2	61	-1	SW	1	b	0	-	64	55	-	-	-				
Blaavands Huk	30.11	58	SSE	1	b	30.13	+0.1	64	+1	SSE	4	b	2	-	70	54	-	-	-					
GERMANY, &c.	Cuxhaven	30.09	67	E	3	c	30.10	0.0	64	+4	SE	2	b	+	-	70	55	-	-	-				
	The Helder	30.04	69	SE	1	b	30.04	+0.1	66	+3	SW	2	b	0	-	75	61	-	-	-				
	Brussels	30.02	68	-	0	b	30.06	+0.2	68	+4	ESE	1	b	+	-	79	60	-	-	-				
	Berlin	30.10	69	SE	1	c	30.14	+0.1	67	+1	SE	1	c	+	Trace	77	59	-	-	-				
	Frankfurt	30.06	68	NE	1	o	30.10	+0.3	68	+5	NE	1	m	+	-	81	59	-	-	-				
	Munich	30.07	66	NE	2	b	30.13	+0.1	65	+3	E	1	b	+	-	75	55	-	-	-				
FRANCE.	C. Gris Nez	30.00	64	SW	3	o	30.04	+0.2	64	+1	S	3	bc	2	-	81	59	-	-	-				
	La Hève	30.01	64	N	1	m	30.07	+	64	?	SSW	2	o	1	-	71	59	-	-	-				
	Brest (St. Mathieu)	30.04	62	SW	3	c	30.04	+0.1	59	-1	SSW	2	o	2	-	64	57	-	-	-				
	Lorient (Bec Melen)	30.00	66	SW	3	c	30.02	+	62	-1	W	2	b	2	0.04	70	55	-	-	-				
	Rochefort (Ile d' Aix)	30.08	67	NW	3	c	30.08	+	66	+1	E	3	bc	+	-	73	61	-	-	-				
	Biarritz	30.08	70	WNW	1	c	30.05	+	66	+3	E	1	b	1	-	72	61	-	-	-				
	Paris	29.99	78	S	2	bc	30.08	+0.3	65	-2	N	1	b	+	-	81	56	-	-	-				
	Belfort	30.02	77	W	3	m	30.16	+	65	+2	-	0	m	+	-	83	57	-	-	-				
	Lyons	30.01	80	NE	2	b	30.10	+	68	+3	NE	1	b	+	-	86	61	-	-	-				
Nice	30.02	72	-	0	b	30.06	+0.2	74	0	-	0	b	1	-	86	63	-	-	-					
Perpignan	30.00	79	-	0	b	30.04	+0.4	73	0	-	0	m	+	-	87	64	-	-	-					
Sanguinaire	29.99	71	N	2	m	30.02	+	71	+1	-	0	m												

* Information for these columns

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



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression over Iceland is likely to remain almost stationary, and to decrease in intensity. Further secondary disturbances will approach our Islands

from the westward, and the present mild, Southerly type of weather is, therefore, likely to continue, with showers in most districts.

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

0 {
a Southernly winds, fresh or strong
in places; fair at first, some showers
b later; mild.

1

2 {
a Southernly and South-Westerly
winds, light or moderate; fair
b

3 {
a generally, but slight showers locally,
b

4 {
a normal temperature,
b

5

FORECAST DISTRICTS



STORM WARNINGS.

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

Signals hoisted yesterday.

South Cone.
North Cone.

Signals hoisted this morning.

South Cone.
North Cone.

NO WARNINGS
ISSUED.

6 {
a
b

7 {
a
b

8 {
a
b

9 {
a
b

10 {
a
b

South-Westerly to Southerly

winds, light or moderate; fair

to-day, some rain to-morrow, misty

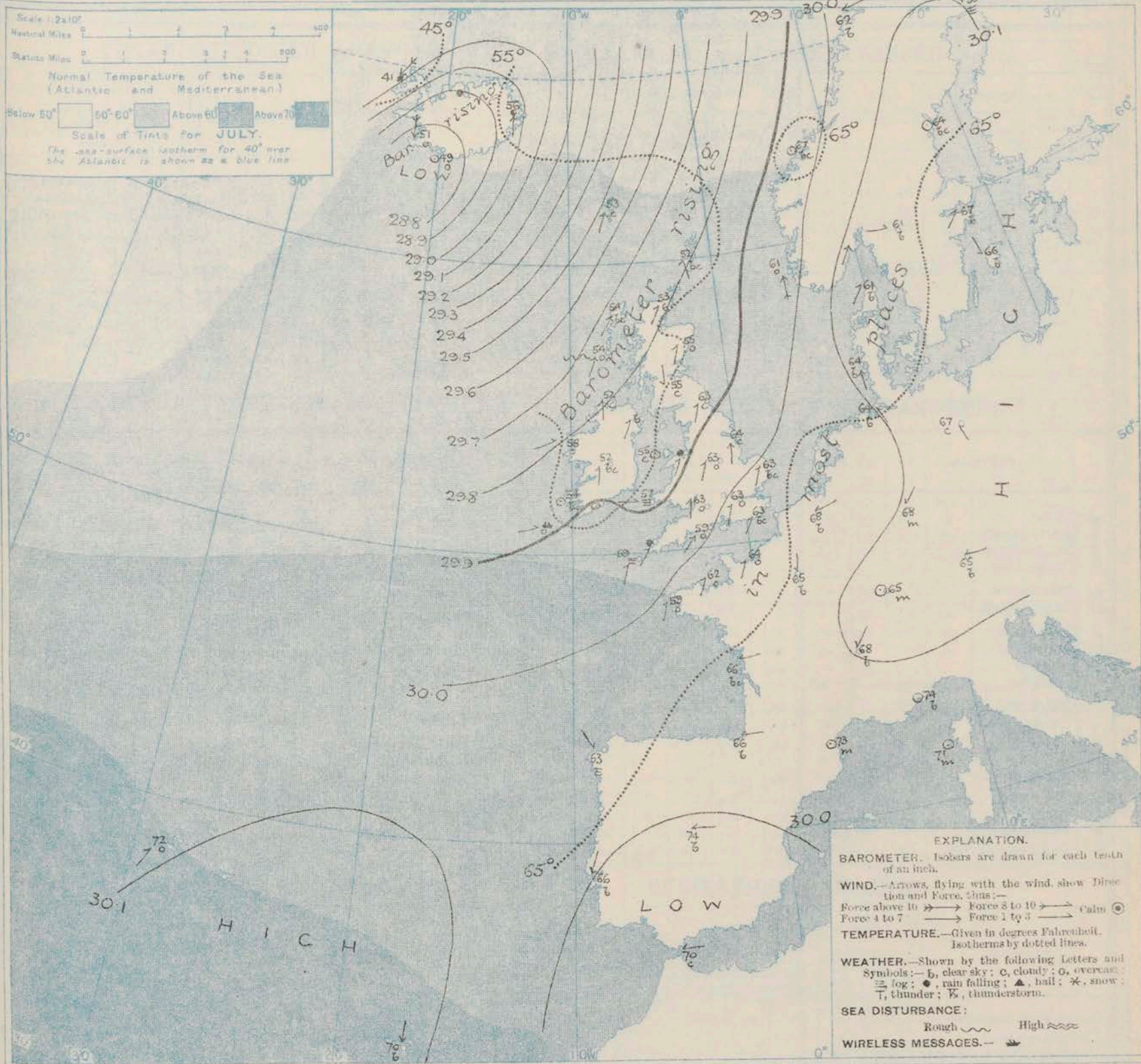
or foggy on coast; rather cool.

11 WESTERN CHANNEL AND BAY.

Light breezes, chiefly from between South and East, with a slight sea; some mist and drizzling rain about mouth Channel, otherwise fair; normal temperature.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. THURSDAY, 11th JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Two areas of high pressure are still in existence, one over the southern portion of the Atlantic, the other over the northern and central parts of the Continent. The depression recently noticed over the Icelandic region has increased considerably in depth, but the mercury is at present rising slowly in nearly all parts of our area of observation.

The wind is light to moderate from the Southward or South-Westward over the United Kingdom, and strong from the same quarters in the Faeroe and the west of Norway. Over western Iceland there is a fresh to strong gale from the northward

or North-Eastward. Temperature has fallen in the west and north of our Islands, but risen slightly in most other localities. Over the greater part of England the thermometer ranges between 60° and 63°, but in Ireland and the west and north of Scotland it is below 55°. The weather is cloudy or dull in most parts of the United Kingdom, with fog on our south-west coasts, and rain at Liverpool and Newquay. On the Continent it is mostly fine and bright. The sea is moderate or slight generally, but rather rough at Castlebay.

DAILY WEATHER REPORT.

Thursday, 11th July, 1912

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Direc.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Direc.	Force.	
					In.	In.		(0-12).							In.	In.		(0-12).	
11 h. 7 a.m.	51	11	Baltic	H	29.86	+0.1	WSW	1-3	0	10 h. 6 p.m.	50	16	Mount Royal	O	29.83	+1.0	WSW	6-7	0
10 h. 6 p.m.	49	17		H	29.79	+0.1	WNW	4-5	bc	" 1 p.m.	50	11	Corinthian	O	29.74	+0.5	WNW	4-5	0
" "	50	12	Corinthian	O	29.78	+0.3	WNW	4-5	bc	" 7 a.m.	48	21	Baltic	H	29.75	+1.0	WNW	4-5	0
" "	50	11	Laconia	O	29.75	-0.1	WSW	4-5	c	" "	50	13	Mount Royal	O	29.68	+0.5	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.	
Scotland.	Oban	0.04	61	52	r	p. or h	0.0	England, S.E.	Ramsgate	0.08	78	60	r.c.	c.o	0.0
	Stonehaven	"	65	52	g.c.	bc.o	1.0		Margate	0.06	78	60	r.c.	c.o	0.0
	St. Andrews	"	"	"	"	"	"		Deal	0.09	78	59	or.c.	c.b.c.	0.0
	Carnoustie	"	63	55	c.b.c.	c	2.0		Littlestone	"	"	"	"	"	0.0
England, N.E.	Harrogate	"	71	52	c.b.c.	b.b.c.o	1.2	England, S.W.	Folkestone	0.13	71	59	r.o.b.c.	c.o	0.0
	Scarborough	"	71	55	c.b.	o.c.b.	5.5		Hastings	0.06	70	56	of	o.b.c.	0.0
England, N.W.	Blackpool	0.01	71	57	o.c.	of	0.8		Bexhill-on-Sea	0.04	69	60	clb.	b.o.b.c.	0.0
	Southport	"	70	58	o.b.c.	bc.o	1.7		Eastbourne	0.06	70	60	"	"	0.0
	Buxton	"	69	55	c.b.c.	bc	3.5	England, S.W.	Seaford	0.13	71	59	r.c.	bc.	0.0
	Douglas	0.05	58	52	of q	of q	0.0		Brighton	0.09	68	59	c.b.c.	c	0.0
Wales.	Rhyl	"	69	58	c	c	2.8		Worthing	0.15	69	59	b	c	0.0
	Colwyn Bay	"	68	59	bc	bc q	1.2		Bognor	"	"	"	"	"	0.0
	Llandudno	"	67	57	c	c.b.	0.4		Southsea	0.08	74	59	bc.b.	b.o	0.0
	Bettws y-Coed	"	"	"	"	"	"	England, S.W.	Bournemouth	0.01	70	59	c.b.c.	c.b.c.	0.0
England, E.	Aberystwyth	0.03	66	58	o.c.b.	c.o.f	0.7		Weymouth	"	68	59	b.b.c.	c.o	0.0
	Skegness	0.05	70	58	o.c.b.c.	c.b.c.	5.7		Teignmouth	"	67	57	cp.c.	c	0.0
	Lowestoft	"	69	59	o.c.b.c.	c.b.c.	6.0		Torquay	"	64	56	o	o	0.0
	Felixstowe	0.06	68	59	or.b.c.	b.g	4.1		Paignton	"	"	"	"	"	0.0
England, E.	Southend-on-Sea	0.08	77	60	o.c.b.	bc.o	5.7		Weston-super-Mare	0.04	69	56	b.b.c.	bc.c	2.0

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.
			In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.	
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.						
	24 HOURS ENDED 9 A.M. TO-DAY.									
Greenwich (Royal Obsy.) ...	% 56	% 70	81	59	54	-	bc	bc	bc	Hr. 6.2
City (Bunhill Row) ...	"	"	"	"	"	"	"	"	"	4.2
Westminster (St. James's Pk.)	60	80	77	60	58	-	bc	bc	bc	4.8
Camden Sq. (Brit. Rainfall)	54	74	80	59	56	-	c	bc	b	4.4
Hampstead (Reservoir) ...	"	79	75	58	42	-	bc	om	o	4.8
			24 HOURS ENDED 6 P.M. YESTERDAY.				Night.	Fore-noon.	After-noon.	
South Kensington ...	"	"	78	60	53	0.01	} o.c.p	c	c. o	} 4.4
" " (Roof of M.O.)	55	77	77	61	"	"				

Additional Observations for Yesterday.

STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.		
		In Screen.		Min. on Grass.	Night.	Fore-noon.	After-noon.
		Max.	Min.				
Dublin to 4 p.m.	In. Trace	68	56	54	c.o	o.c	eq
Plymouth to 9 p.m.	0.06	62	55	55	of	od.or	odf
Darwen	"						
Manchester	Trace	74	59	.	o.c.	bc	or.o
Birmingham	"						

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

11 & 12 July, 1912	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.44	11.58	8.13
	3.45	11.58	8.12
Greenwich	3.57	12.5	8.13
	3.58	12.5	8.12
Wick	3.23	12.17	9.10
	3.25	12.17	9.9
Valencia	4.35	12.46	8.58
	4.36	12.46	8.57

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 75° and upwards in many parts of England, to 80° at Camden Square, and to 81° at Greenwich; in the north of Scotland it did not reach 60°. The amount of bright sunshine was generally small. Slight rain fell at most of our western and northern stations. Wireless reports show that, as far west as the 20th meridian ships experienced fresh to strong winds from the 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; 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.

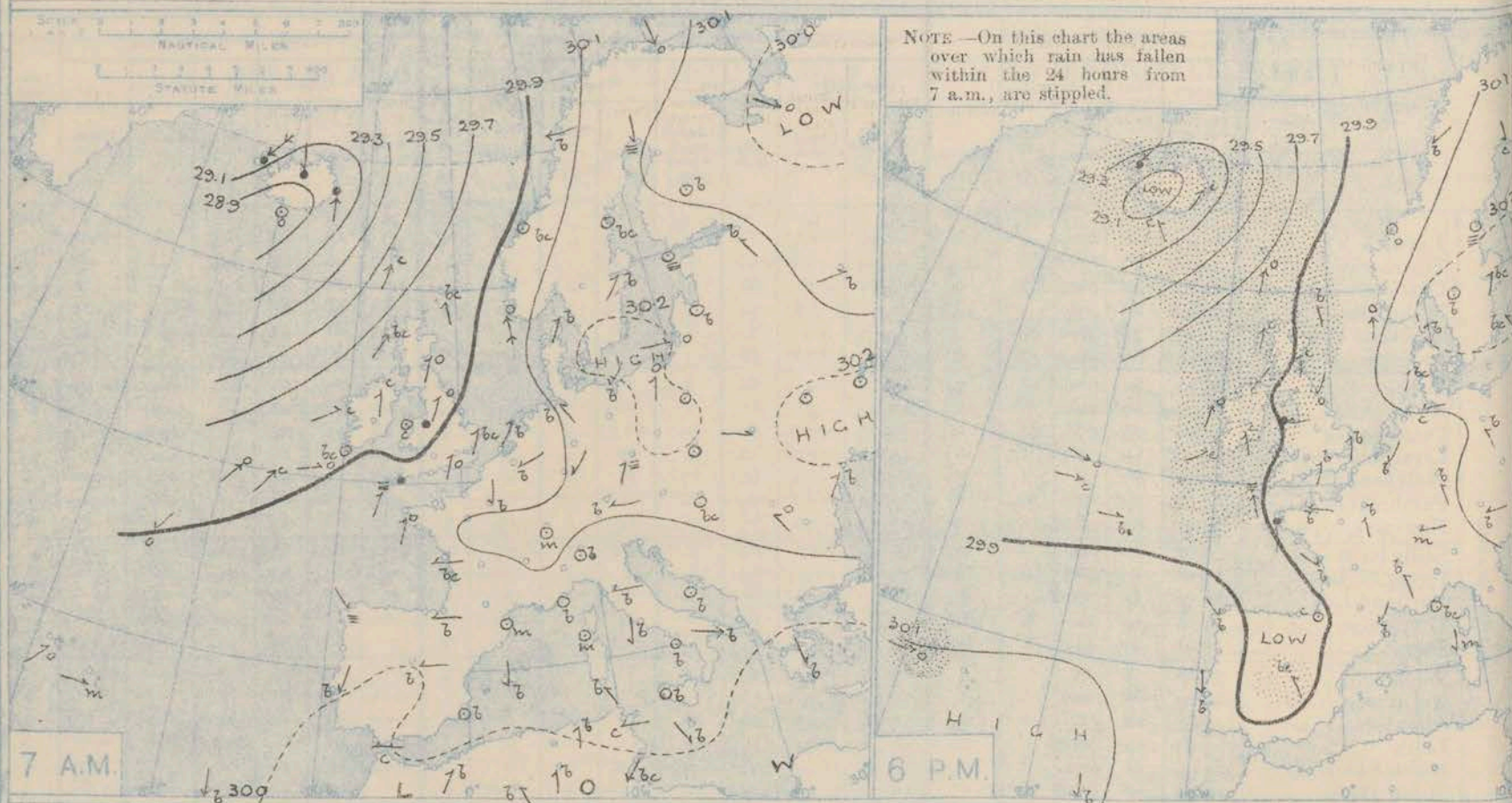
Friday
12th July 1912.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER				
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).				At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Direc.	Force (0 to 12).	Weather.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.		Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°						In.	°	°				Hours.		
BRITISH ISLANDS.	Lerwick	29.97	56	SSE	2	b	29.93	-0.7	53	+1	ESE	4	r	2	0.11	58	51	bc	bc	omr	*			
	Stornoway	29.88	57	SSW	6	eq	29.84	-0.2	54	0	SW	1	r	1	0.01	60	48	bcq	bc eq	c-odp	7.1			
	Castlebay (Barra Isd.)	29.87	56	SSE	2	o	29.80	-0.1	53	-1	-	0	r	1	0.10	57	52	o-bc	c-bc-o	a.r	9.0			
	Malin Head	29.86	56	NE	3	cm	29.75	-0.3	52	0	ENE	3	rg	3	0.36	61	50	bc	bcu	omr	*			
	Blacksod Point	29.82	57	SSW	4	o	29.77	+0.1	51	-4	W	2	o	2	0.15	58	50	om	om	opm	*			
	Valencia	29.82	57	WSW	2	c	29.77	+0.3	53	-1	-	0	ov	3	0.13	63	50	bc	c	c.r	2.7			
	Roche's Point	29.83	54	ESE	2	o	29.73	*	53	0	N	3	o	3	0.42	59	51	c.o	op	od.op	*			
	Birr Castle	29.81	60	SSE	1	c	29.73	*	51	-1	NW	2	o	*	0.46	66	45	c	cp	o.r	6.0			
	Donaghadee	29.90	56	SSE	3	o	29.77	-0.2	56	+4	SSE	3	fm	2	0.28	62	52	bc	opm	dm.r	*			
	Liverpool Obsy.	29.91	64	S	3	o	29.87	-0.2	62	0	SE	4	c	1	0.08	69	57	od	byp.o	o	1.3			
	Holyhead	29.90	57	E	1	rf	29.81	-0.1	62	+7	S	4	o	3	0.82	62	54	rf	rgm	o.cpm	*			
	Pembroke (St. Ann's Hd.)	29.89	59	SSE	4	o	29.79	-0.2	59	+2	SSE	6	ogq	5	0.11	60	56	f	rf	ogm	0.0			
	Newquay	29.92	62	S	3	bc	29.82	-0.2	61	0	SE	3	og	2	0.02	68	59	odpro	c	o	2.0			
	Scilly (St. M. Is.)	29.88	60	SSE	4	om	29.76	-0.3	59	0	SSE	5	rf	4	0.12	62	57	m	m	r.f	0.0			
	Jersey (St. Aubin)	30.01	67	ESE	2	bm	29.90	*	69	+7	E	1	bm	1	-	71	61	bcu	bm	bm	2.8			
	Portland Bill	30.01	61	SE	1	bc	29.90	-0.3	61	+2	E	2	c	2	-	63	59	o	c	bc.c	*			
	Dungeness	30.03	65	SSW	2	bc	29.96	0.0	66	+3	E	2	bc	2	-	68	60	bc	bc	bc	*			
	Dover	30.04	69	SW	2	b	29.97	*	71	+9	SE	1	b	2	-	72	59	b	b	b3	11.3			
	Wick	29.92	55	SE	2	c	29.85	-0.3	53	0	S	1	f	2	0.15	63	51	bcu	bcu	cm.fr	*			
	Nairn	29.89	62	WSW	2	c	29.82	*	55	0	WSW	1	c	1	0.06	67	51	b	c	r.c	8.5			
Aberdeen	29.95	58	S	3	c	29.88	0.0	59	+4	S	3	c	2	0.29	65	54	c-bc-b	b-bc-c	c-or-c	7.1				
Leith	29.93	64	NE	1	c	29.83	0.0	64	+9	SE	1	c	*	0.25	68	54	c-bc	bc-c	op.r	*				
North Shields	29.94	61	NNE	2	o	29.93	-0.1	63	0	SE	3	o	2	Trace	66	56	-	-	o.p	2.9				
Spurn Head	29.98	65	SSE	4	c	29.98	0.0	63	-1	SSE	3	bcw	4	-	73	57	c	c	c.b	*				
Yarmouth	30.03	68	S	3	b	30.02	-0.4	65	+2	ESE	2	b	1	-	72	62	bc	bc.b	b	11.1				
Clacton-on-Sea	30.04	69	S	2	b	29.98	-0.3	65	+2	SE	3	b	2	-	71	63	bc	bc.b	bm	12.2				
Nottingham	29.96	70	SW	3	o	29.94	*	67	+4	SE	1	c	*	-	71	55	o	o.c	c	0.4				
Bath	30.00	68	S	4	bc	29.92	*	62	-1	SE	1	o	*	-	71	57	-	-	-	3.6				
Oxford	30.01	65	SSW	3	b	29.92	*	68	+5	SSE	2	bc	*	-	73	57	o.cu	bcu	bcu	*				
London (Kew Obsy.)	30.02	74	SSW	2	b	29.95	-0.3	66	+3	ESE	1	bm	*	-	75	56	o.c.o	ev. bc	b.bm	4.6				
ICELAND & FAEROE.	Isafjord	29.25	41	NE	5	r	29.51	+1.1	42	+1	W	2	o	*	-	*	*	*	*	*				
	Reykjavik	29.03	55	N	3	o	29.41	+1.0	49	-2	-	0	r	*	-	*	*	*	*	*				
	Vestmanna	29.11	38	SE	3	c	29.46	+0.7	47	-2	S	1	o	2	-	*	*	*	*	*				
	Seydisfjord	29.22	57	SW	5	c	29.55	+0.7	54	-2	-	0	bc	*	-	*	*	*	*	*				
	Thorshavn	29.71	54	SSW	6	o	29.87	+0.1	53	0	SE	2	o	*	-	*	*	*	*	*				
SCANDINAVIA.	Haparanda	30.14	61	N	2	c	30.30	+0.4	64	+6	E	4	b	*	-	66	52	*	*	*				
	Hernösand	30.19	54	-	0	f	30.28	+0.3	57	-7	-	0	f	*	-	68	52	*	*	*				
	Stockholm	30.21	62	S	2	bc	30.31	+0.1	69	+2	SW	2	b	*	-	75	57	*	*	*				
	Wisby	30.28	63	SE	2	bc	30.33	+0.2	70	+4	WNW	2	b	*	-	75	57	*	*	*				
	Karlstad	30.23	65	-	0	b	30.33	+0.4	65	+4	-	0	b	*	-	73	52	*	*	*				
	Færder (X'iania Fiord)	30.23	64	S	2	c	30.31	+0.2	64	+1	SE	2	bc	1	-	76	63	*	*	*				
	Bodö	30.03	68	ENE	1	b	30.22	+0.6	60	-2	W	1	b	1	-	72	55	*	*	*				
	Christiansund	30.06	59	-	0	o	30.13	0.0	63	-4	E	1	m	1	-	68	59	*	*	*				
	Skudesnaes	30.08	62	S	6	o	30.14	+0.1	66	+5	S	6	c	4	-	63	59	*	*	*				
	The Scaw (Skagen)	30.21	63	S	1	b	30.28	+0.1	64	+3	ESE	2	b	0	-	73	59	*	*	*				
Blaavands Huk	30.15	68	SSW	3	bc	30.20	+0.1	68	+4	SE	3	bc	2	-	77	61	*	*	*					
GERMANY, &c.	Cuxhaven	30.10	71	E	3	c	30.13	+0.1	68	+4	SE	3	c	*	-	77	64	*	*	*				
	The Helder	30.09	66	-	0	b	30.07	-0.1	70	+4	ENE	2	b	0	-	70	64	*	*	*				
	Brussels	30.04	71	NE	2	b	30.03	0.0	75	+7	SE	3	b	*	-	83	64	*	*	*				
	Berlin	30.15	76	SE	1	bc	30.23	+0.2	72	+5	SE	1	bc	*	-	84	63	*	*	*				
	Frankfurt	30.09	75	SE	1	b	30.15	+0.2	69	+1	NE	1	b	*	-	88	63	*	*	*				
	Munich	30.12	68	E	1	b	30.17	+0.1	66	+1	E	2	b	*	-	77	55	*	*	*				
FRANCE.	C. Gris Nez	30.04	70	SW	1	bc	29.96	-0.1	75	+11	SE	3	b	1	-	77	59	*	*	*				
	La Hève	30.02	64	ENE	2	m	29.94	*	69	+5	ESE	2	m	1	-	77	61	*	*	*				
	Brest (St. Mathieu)	30.02	66	S	2	o	29.90	-0.1	61	+2	SSE	3	c	2	-	70	59	*	*	*				
	Lorient (Roc. Melen)	29.95	69	N	1	b	29.88	*	63	+1	W	2	c	2	-	73	55	*	*	*				
	Rochefort (Ile d' Aix)	29.95	73	NW	3	b	29.92	*	71	+5	SSE	3	bc	*	-	79	7	*	*	*				
	Biarritz	29.90	73	-	0	c	29.98	*	67	+1	-	0	o	1	-	79	63	*	*	*				
	Paris	30.02	79	SSE	1	b	30.00	+0.1	73	+8	S	2	b	*	-	83	63	*	*	*				
Belfort	30.04	80	E	2	m	30.12	*	70	+5	E	4	m	*	-	87	63	*	*	*					
Lyons	30.00	85	SE	1	b	30.09	*	71	+3	SE	1	b	*	-	91	63	*	*	*					
Nice	30.04	74	-	0	bc	30.12	+0.3	76	+2	-	0	b	1	-	81	66	*	*	*					
Perpignan	29.99	79	NE	1	b	30.08	+0.4	66	-7	NE	1	f	*	-	86	63	*	*	*					
Sanguinaire	30.02	69	N	2	m	30.06	*	72	+1	SE	1	m	1	-	77	61	*	*	*					
SPAIN & PORTUGAL.	Corunna (8 a.m.)	30.05	66	NW	2	b	29.99	0.0	66	+3	SSE	1	o	2	-	70	55	*	*	*				
	Lisbon (9 a.m.)	29.98	66	N	5	b	30.00	+0.1	68	+2	NNW	3	b	2	-	79	63	*	*	*				
	Gibraltar	29.88	71	E	3	o	29.90	*	71	+1	E	2	bc	*	-	*	*	*	*	*				
	Azores (P. Delgada)	30.10	72	W	4	o	30.16	+0.3	70	-2	NNE	2	o	1	0.04	73	70	*	*	*				
	Madeira (Funchal)	30.11	71	N	3	b	30.12	+0.2	71	+1	N	3	b	2	-	73	59	*	*	*				

* 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. 11th JULY



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

Under the influence of an anticyclone, which is developing over Scandinavia, the wind will draw into East over our eastern districts, but a

shallow depression now lying over the south-west of our Islands will maintain the weather in an unsettled state generally.

FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

- 0 {
a South-Westerly to South-
b Easterly breezes, light or moderate;
cloudy, some rain, local thunder;
1 moderate temperature, close.

- 2 {
a South-Easterly or Easterly
b winds, fresh at times; fair, but
3 not settled, thunder showers
4 {
a probable; close, warm.
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 Same as Nos. 0 and 1.
b
7 {
a Fresh South-Easterly then
b variable North-Westerly winds;
dull, some rain, improving later;
8 {
a moderate temperature, close.
b
9 {
a Variable to Westerly breezes;
b unsettled, fair intervals, with some
10 {
a rain; moderate temperature.
b

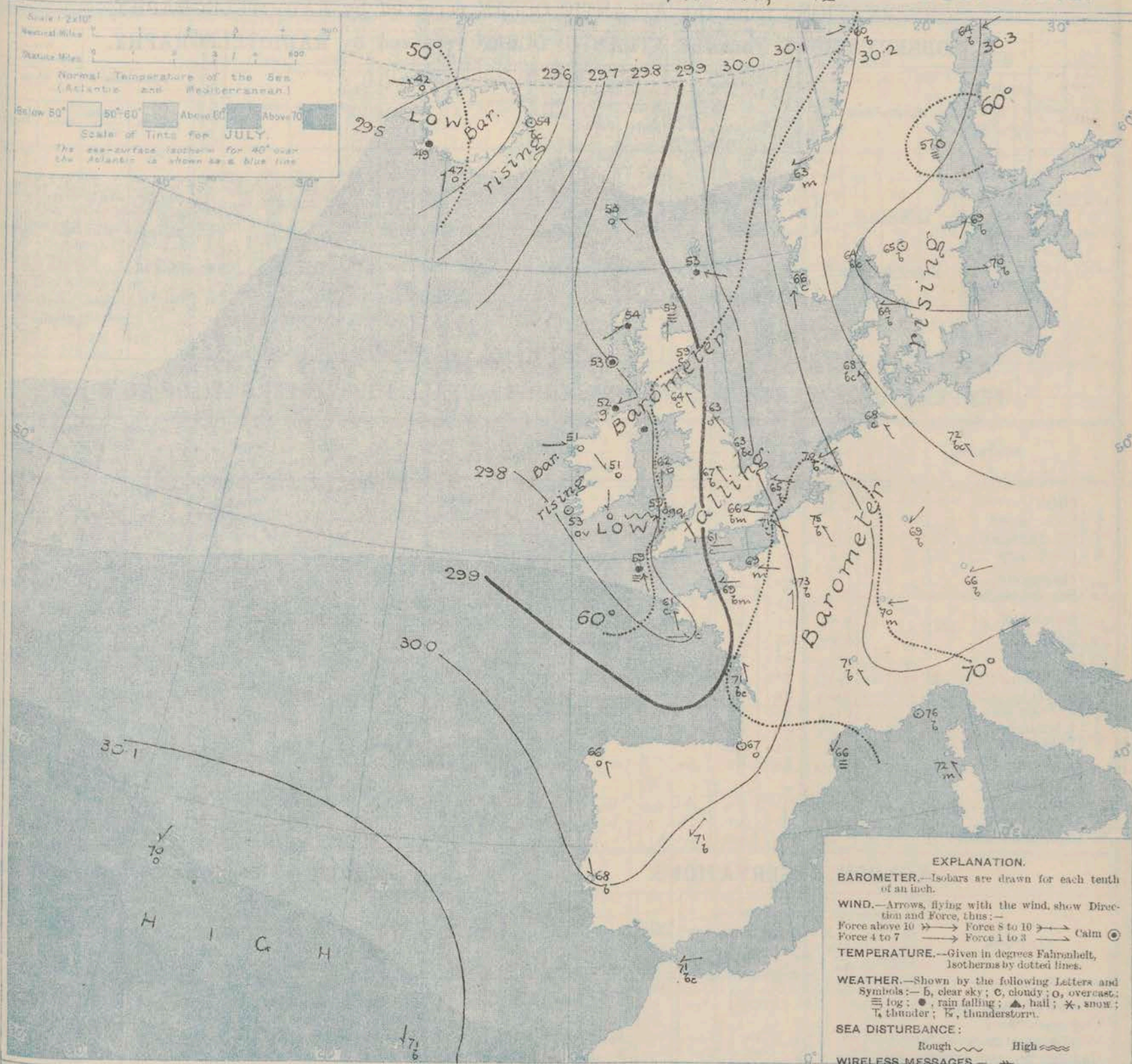
11 WESTERN CHANNEL AND BAY.

Channel. Fresh South-Easterly to variable Westerly winds; moderate sea; unsettled, some rain, mist or fog.

Bay. Light Southerly to Westerly winds; sea slight, fair as a whole.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. FRIDAY, 12TH JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is now highest over South-Eastern Scandinavia, where the barometer stands above 30.3 in. The depression over Iceland is filling up, the lowest reading being now above 29.4 in. A shallow "V" shaped secondary extends over our western districts.

The wind has become South-Eastern over England and the North-Sea region; it is blowing freshly in the mouth of the, and in the Bristol Channel, elsewhere it is moderate to light in force. Light variable or Westerly breezes prevail over Scotland and Ireland. Temperature has

risen over England and the adjoining parts of France and Germany. The morning readings stood at 71° at Dover, while Paris reports 73°, Berlin 72°. Over Scotland and Ireland the morning values are but little above 50°. The weather remains unsettled and rain is falling at many western stations. Over the eastern part of England the morning reports show generally fine weather. The sea is moderate to rather rough off Scilly and St. Ann's Head, slight elsewhere.

DAILY WEATHER REPORT.

Friday 12th July, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
12th, 7 a.m.	49	11	Olympic	H	29.82	+0.1	WNW	1-3	c	11th, 7 a.m.	46	23	Olympic	H	29.90	-0.4	NE	1-3	o
11th, 6 p.m.	47	18		H	29.81	-0.5	W	1-3	bc	"	50	15	Corinthian	O	29.79	0.0	SW	4-5	c
"	50	20	Mount Royal	O	29.78	0.0	WNW	6-7	o	"	50	18	Mount Royal	O	29.82	-0.1	SW	6-7	o
"	49	20	Laconia	O	29.75	-0.3	W	4-5	c	"	50	16	Laconia	O	29.79	-0.4	WSW	1-3	o

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.					Hr.	England, S.E.		In.					Hr.
Oban	...	0.36	61	49	b. bc. c.	c. bc.	7.0	Ramsgate	...	-	75	58	b	b	12.5
Stonhaven	...	...	...	...	...	...	...	Margate	...	-	76	58	o. bc.	bc. b.	10.7
St. Andrews	...	...	...	...	...	...	...	Deal	...	-	76	58	o. bc.	bc. b.	10.7
Carnoustie	...	0.01	61	52	b	b	8.5	Littlestone	...	-	69	59	bc. m.	bc.	12.5
Harrogate	...	-	70	60	o. c.	c. o.	0.7	Folkestone	...	-	69	59	bc. m.	bc.	12.5
Scarborough	...	-	70	60	c. b.	o. c. b. f.	1.4	Hastings	...	-	69	59	o. c.	bc. b.	11.4
Blackpool	...	0.19	67	57	r. o. c.	or	4.0	Bexhill-on-Sea	...	-	71	60	b	b	12.0
Southport	...	0.04	69	57	r. o. bc.	c. bc. r. o.	2.4	Eastbourne	...	-	70	59	b	b	12.0
Buxton	...	-	67	60	o. bc. r.	c. bc. c.	0.5	Seaford	...	-	71	59	b	b	12.5
Douglas	...	0.10	62	55	b	bc. op.	6.5	Brighton	...	-	68	59	b. bc. b.	bc. b.	11.9
Rhyl	...	0.07	66	55	bc. r.	o. or	1.3	Worthing	...	-	68	59	b	b	11.0
Colwyn Bay	...	0.09	61	55	p. bc.	p	1.5	Bognor	...	-	68	59	b	b	11.5
Llandudno	...	0.02	65	55	c	cp	1.7	Southsea	...	-	69	59	b. bc. b.	b	3.1
Bettws y-Coed	...	-	62	56	et	r. o.	0.0	Bournemouth	...	0.01	65	59	o	o	0.2
Aberystwyth	...	0.24	65	58	et	r. o.	0.0	Weymouth	...	-	67	59	o. bc.	cy	0.3
Skegness	...	-	71	59	bc. c.	b.	10.0	Teignmouth	...	-	71	60	cp	c	1.0
Lowestoft	...	-	71	61	bc	b.	11.5	Torquay	...	-	68	60	o	c. o.	1.0
Felixstowe	...	-	71	61	bc	b.	11.5	Paignton	...	0.01	70	59	od. c.	c. bc.	2.5
Southend-on-Sea	...	-	77	60	o. c. b.	bc. b.	10.3	Weston-super-Mare	...	-	69	59	o. c. bc.	bc. b.	2.5

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.		
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.		Min. on Grass.	Night.	Fore-noon.	After-noon.
			Max.	Min.									Max.	Min.				
24 HOURS ENDED 9 A.M. TO-DAY.											In.	Max.	Min.	on Grass.	Night.	Fore-noon.	After-noon.	
Greenwich (Royal Obsy.) ...	57	53	81	53	44	—	c	c. bc.	bc. b	9.8	Dublin to 4 p.m.	0.04	63	53	51	o. b	c.	o. m
City (Hunhill Row) ...	*	*	*	*	*	—	*	*	*	4.8	Plymouth to 9 p.m.	0.05	63	58	58	om	odm	c. bc.
Westminster (St. James's Pk.)	66	58	79	60	53	—	bc	bc	bc	6.5	Darwen	0.18	68	57	57	om.	bc. d	c. d
Camden Sq. (Brit. Rainfall)	59	60	79	55	52	—	c	bc. c	c. b	5.4	Manchester	0.01	70	62	*	o. c	or	c
Hampstead (Reservoir) ...	*	65	76	57	46	—	bc	b	bc	5.1	Birmingham	—	68	59	54	o	c	c
24 HOURS ENDED 6 P.M. YESTERDAY.											Night.	Fore-noon.	After-noon.					
South Kensington ...	*	*	74	60	56	—	} o. c	c. bc.	c. bc.	5.4								
" " (Roof of M.O.)	61	51	74	60	*	*												

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

12 & 13 July, 1912.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 3.45 3.46	G.M.T. 11.58 11.58	G.M.T. 8.11 8.11
Greenwich	3.58 3.59	12.5 12.5	8.12 8.12
Wick	3.25 3.27	12.17 12.17	9.9 9.8
Valencia	4.36 4.37	12.46 12.46	8.57 8.56

Rain has fallen at all western stations, 0.82 in. being reported at Holyhead. The Midlands and south-eastern portions of England escaped. Temperature rose to above 75° in the south-east; 88° was reached at Frankfurt. Over 12 hours of bright sunshine were recorded in the south-east, further west and north the amounts were much smaller, but bathelbay reports over 9 hours.

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

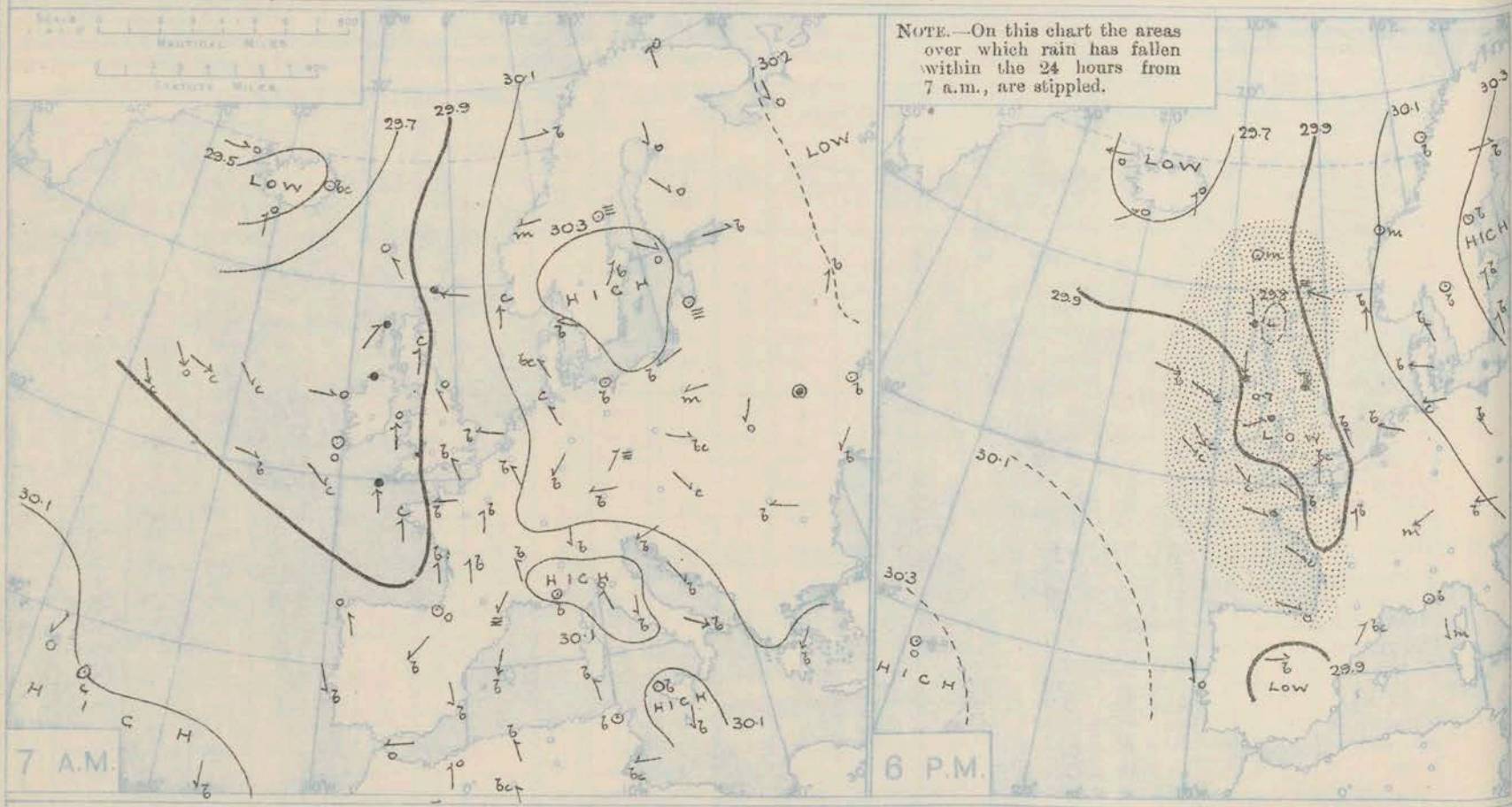
Saturday,
13th July, 1912.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		Barom.	Temp.	Wind.	Force	Weather.	Barometer.	Temp.	Wind.	Force	Weather.	Sea	Rain- fall.	Temp.		Weather.								
														Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	After'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.						
		At 32° Fabr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	(0 to 12).		At 32° Fabr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	(0 to 12).		(0 to 12).										
BRITISH ISLANDS.	Lerwick	29.91	56	ESE	4	f	29.99	+0.8	54	+1	E	4	0	2	0.30	59	53	omr	cpm	fr	0			
	Stornoway	29.86	53	N	2	or	30.08	+0.7	55	+1	W	2	bc	2	0.49	55	48	or	or	or.bc	0.0			
	Castlebay (Barra Isd.)	29.88	53	NW	2	o	30.10	+0.6	54	+1	NW	1	c	1	0.21	54	50	r	r.o	o.c	0.0			
	Malin Head	29.88	54	N	5	cpq	30.11	+0.8	54	+2	NW	3	bc	2	0.02	56	50	omr	ogr	opm	0			
	Blacksod Point	29.93	57	WNW	3	c	30.14	+0.3	56	+5	WNW	2	bc	2	-	53	49	bc	bc	bc	0			
	Valencia	29.95	58	NNW	4	c	30.17	+0.4	55	+2	NNW	1	b	4	Trace	59	49	bc	c	bc	5.4			
	Roche's Point	29.90	60	N	4	ag	30.16	*	54	+1	NNE	2	b	2	0.02	61	52	cp	ag	o.c.b	0			
	Birr Castle	29.90	57	NW	2	o	30.14	*	49	-2	NW	1	bc	0	0.02	59	44	cb	op	bc	0.0			
	Donaghadee	29.85	56	WSW	2	o	30.08	+0.6	54	-2	NW	3	c	2	0.70	60	52	omr	omr	cgmc	0			
	Liverpool Obsy.	29.85	63	W	3	c	30.05	+0.4	56	-6	WNW	2	o	2	0.05	72	56	bc	op.r	bc	2.5			
	Holyhead	29.84	60	WSW	3	rgm	30.08	+0.3	55	-7	N	4	o	3	0.31	64	53	rgm	o.cpm	om	0			
	Pembroke (St. Ann's Hd.)	29.88	56	WSW	3	o	30.08	+0.7	55	-4	N	4	og	3	0.32	60	54	ogq	ogm	ogq	0.0			
	Newquay	29.91	57	W	2	ogr	30.05	+0.7	57	-4	NW	4	o	3	0.23	61	56	org	org	or.o	0.0			
	Scilly (St. Mary's)	29.91	57	NW	2	c	30.07	+0.7	58	-1	NW	3	cm	3	0.49	60	54	or	c	c	0.0			
	Jersey (St. Aubin)	29.91	71	WNW	3	bm	30.01	*	57	-12	W	2	orgm	2	0.12	74	56	bm.c	bm.bm	orgm	10.9			
	Portland Bill	29.90	61	SW	3	c	30.00	+0.2	58	-3	WNW	3	c	2	0.01	67	57	bc	od	c.r	0			
	Dungeness	29.84	71	E	3	e	29.97	+0.4	67	+1	NW	3	ctf	2	-	78	62	bc	c	c.o.c	0			
	Dover	29.87	82	S	2	bc	29.97	*	70	-1	NW	4	ctf	2	-	85	64	bc	b	b.bc.b	12.6			
	Wick	29.81	59	SSW	3	o	30.06	+0.7	54	+1	NW	3	odm	3	0.25	61	53	cm	om	omodg	0			
	Nairn	29.79	64	W	1	o	30.06	*	53	-2	-	0	r	1	0.12	71	52	o	p.c	r	0.5			
Aberdeen	29.84	61	S	2	c	30.05	+0.9	57	-2	NW	2	o	2	0.07	66	56	c.bc	bc.b	bc.op	10.0				
Leith	29.84	64	-	0	o	30.01	+0.6	59	-5	WSW	2	c	*	0.01	74	58	c.o	omp	om	0				
North Shields	29.85	65	SE	1	rlr	30.01	+0.4	62	-1	WSW	2	c	2	0.34	72	55	-	cy.ltr	-	0				
Spurn Head	29.83	64	ESE	4	bc	29.99	+0.2	65	+2	W	3	m	3	-	71	59	bc	bc	ctf.f	0				
Yarmouth	29.92	68	SSE	3	b	29.96	+0.3	68	+3	WNW	2	b	1	-	71	63	b	b	b	12.9				
Clacton-on-Sea	29.87	73	E	2	bc	29.97	+0.5	67	+2	NW	2	bc	1	-	75	63	bz	b.bz	bz	12.9				
Nottingham	29.82	72	SSE	2	c	30.02	*	64	-3	SE	1	cm	*	0.04	84	59	c	c.ltr	ctf.p	8.8				
Bath	29.88	71	W	4	b	30.03	*	60	-2	WNW	1	o	*	0.01	79	57	-	-	-	5.3				
Oxford	29.90	69	WSW	2	c	30.03	*	62	-6	WSW	2	og	*	0.07	85	57	bm.c	c.ltr	om.o.c	0				
London (Kew Obsy.)	29.84	84	S	2	bc	30.00	+0.1	65	-1	-	0	om	*	0.02	87	62	bm.b	c.bc.b	bc.ctf	10.9				
ICELAND & FAEROE.	Isafjord	29.69	45	E	4	o	29.76	-0.2	46	+4	-	0	o	*	*	*	*	GALES.						
	Reykjavik	29.66	52	-	0	o	29.74	0.0	47	-2	NE	3	o	*	*	*	*	Duration and Extreme Force on British Coasts.						
	Vestmanna	29.64	52	WSW	1	o	29.79	+0.3	48	+1	NW	1	bc	1	*	*	*	*						
	Seydisfjord	29.67	59	S	3	o	29.78	+0.5	46	-8	E	1	o	*	*	*	*							
	Thorshavn	29.86	53	-	0	m	29.95	+0.3	52	-1	WSW	3	o	*	*	*	*							
SCANDINAVIA.	Haparanda	30.31	62	W	2	b	30.37	+0.2	64	0	SW	2	b	*	-	72	52							
	Hernösand	30.32	61	-	0	b	30.36	+0.2	63	+6	-	0	bc	*	-	70	52							
	Stockholm	30.32	66	S	2	b	30.34	+0.1	73	+4	ESE	2	b	*	-	77	57							
	Wisby	30.32	64	SSE	2	b	30.35	+0.1	67	-3	NW	2	b	*	-	73	55							
	Karlstad	30.29	68	-	0	b	30.33	+0.2	68	+3	-	0	b	*	-	79	54							
	Færder (Xtania Fjord)	30.28	71	-	0	b	30.34	+0.1	68	+4	ESE	1	b	0	-	72	64							
	Bodö	30.21	64	-	0	b	30.13	-0.4	74	+14	E	3	b	1	-	74	57							
	Christiansund	30.10	72	-	0	m	30.08	-0.3	74	+11	SSE	2	m	1	-	74	61							
	Skudesnaes	30.11	69	S	4	b	30.15	+0.2	67	+1	SSE	4	b	4	-	72	64							
	The Scaw (Skagen)	30.27	66	SE	2	b	30.31	+0.1	65	+1	ESE	2	b	0	-	79	61							
Blaavands Huk	30.13	72	ESE	4	b	30.18	+0.1	70	+2	ESE	3	b	2	-	81	61								
GERMANY, &c.	Cuxhaven	30.10	74	E	3	c	30.13	+0.2	68	0	SE	3	b	*	-	84	64							
	The Helder	29.98	81	ESE	2	b	30.02	+0.1	73	+3	ESE	2	b	1	-	86	70							
	Brussels	29.95	79	ESE	2	b	29.97	+0.2	76	+1	SE	2	b	*	-	92	70							
	Berlin	30.16	77	SE	2	b	30.18	+0.1	72	0	SE	1	bc	*	-	86	64							
	Frankfurt																							
	Munich	30.09	68	E	2	b	30.10	0.0	64	-2	E	1	b	*	-	79	54							
FRANCE.	C. Gris Nez	29.87	82	SE	2	c	30.01	+0.4	71	-4	WNW	2	bc	2	-	88	63							
	La Hève	?	68	N	3	c	29.99	*	70	+1	-	0	m	0	0.12	93	63							
	Brest (St. Mathieu)	29.97	58	WNW	2	r	29.93	+0.3	57	-4	NNW	3	c	2	0.16	64	55							
	Lorient (Rec Melen)	29.91	66	W	4	c	30.01	*	59	-4	N	2	o	2	0.08	73	55							
	Rochefort (Ile d'Aix)	29.91	68	NW	3	c	29.99	*	63	-8	NW	4	o	*	0.16	79	63							
	Biarritz	29.92	67	WNW	3	o	29.99	*	65	-2	NW	4	r	2	0.08	77	63							
	Paris	29.91	88	SSE	2	b	29.96	+0.3	68	-5	N	2	b	*	-	93	64							
	Belfort	30.00	82	ENE	4	m	30.08	*	65	-5	SW	2	m	*	-	89	58							
	Lyons	29.97	85	SE	3	b	30.03	*	69	-2	SE	1	b	*	-	91	60							
	Nice	30.05	76	-	0	b	30.04	0.0	77	+1	SW	1	b	0	-	88	64							
SPAIN, PORTUGAL, &c.	Perpignan	29.98	75	SW	1	bc	30.01	+0.1	68	+2	E	2	o	*	-	80	59							
	Sanguinaire	29.99	74	N	1	m	29.99	*	73	+1	W	1	m	1	-	81	61							
	Corunna (8 a.m.)																							
	Lisbon (9 a.m.)	30.02	69	NNW	3	o	30.08	+0.2	80	+12	N	5	b	2	-	80	59							
Gibraltar																								
Azores (P. Delgada)																								
Azores (Horta)	30.31	71	-	0	o	30.32	+0.1	69	-1	-	0	o	0	-	75	68								
Madeira (Funchal)																								

* 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. 12TH JULY



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The complex area of low pressure which lies to the eastward and southward of these Islands will probably occasion further thunder showers in some parts of England.

The Atlantic high pressure system is, however, spreading eastwards, and is likely to become united with the anticyclone existing over Northern Europe.

FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

- 0 {
a } Westerly and North-Westerly
b } winds, light; some showers at first,
1 } then fair; moderate temperature.
- 2 {
a } Westerly to North-Westerly or
b } North-easterly winds, light; local thunder
3 } showers at first, then fair, becoming
4 {
a } temporarily cooler.
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 } Northerly and North-
b }
- 8 {
a } Westerly winds, light; fair
b } generally; cool at first, warmer
9 {
a } later.
b }
- 10 {
a }
b }

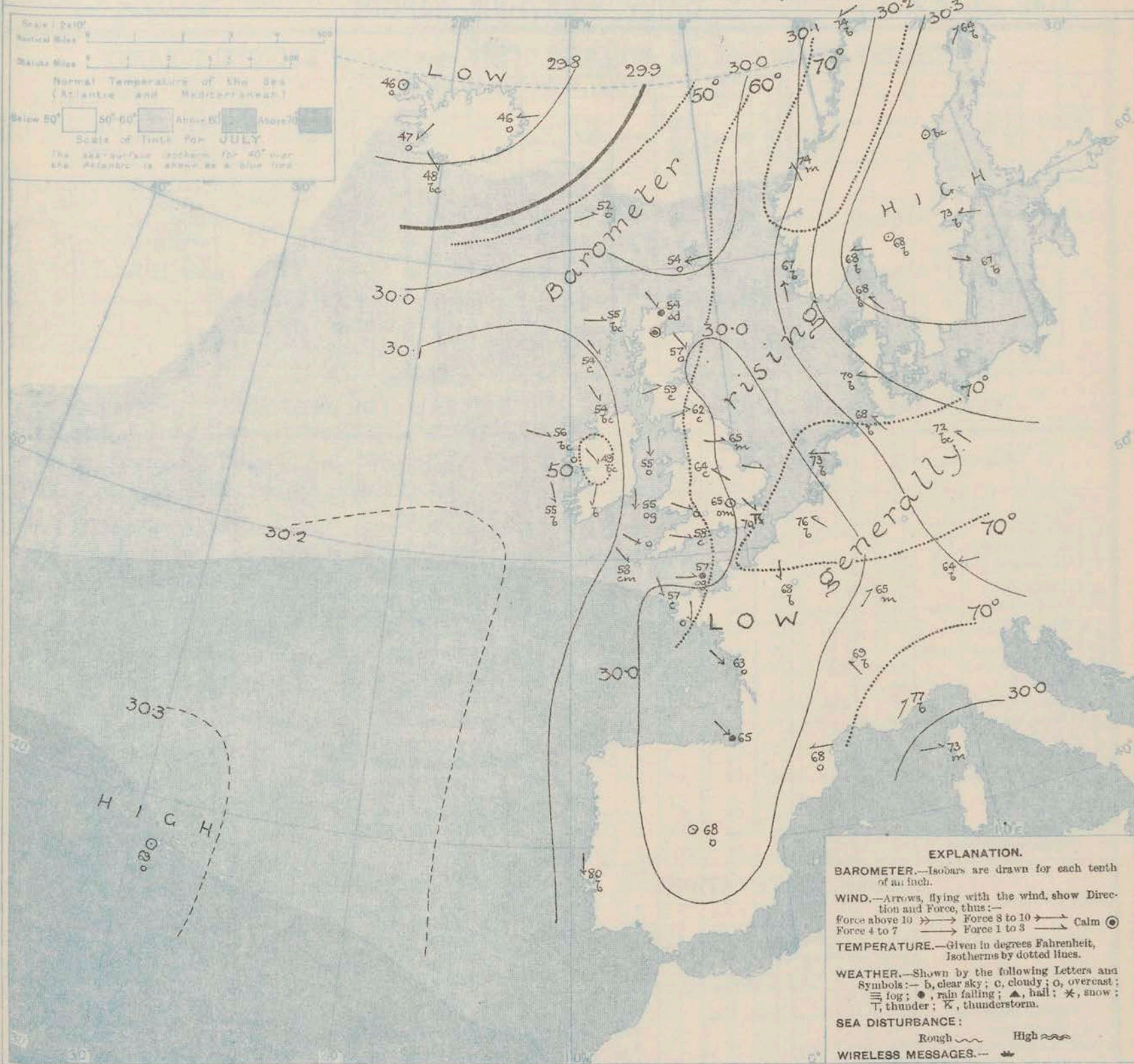
11 WESTERN CHANNEL AND BAY.

light Northerly and North-
Westerly winds and a slight sea;
fair generally; cooler.

THE FURTHER OUTLOOK. (Districts 6 to 10)

continuing fair and dry.

SYNOPTIC CHART FOR 7 A.M. SATURDAY, 13TH JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Two high pressure systems are in existence, one over the southern portion of the North Atlantic, the other over Sweden and North Russia. The lowest pressures are still found over Iceland; the complex depression, which lay yesterday over our own western districts, is now situated over France, Belgium and the western portions of the North Sea. Over the United Kingdom the wind has shifted to the North-Westward or Northward on all but our north-east coasts, where it is Westerly. In Scandinavia, Denmark, Germany and the Netherlands it is light from East or South-East. Temperature has risen in the east of England and over northern

Europe, but fallen in most other regions. On our east and south-east coasts the morning readings range between 67° and 70°, but in many parts of Ireland and Scotland the thermometer is below 55°. Readings above 70° are reported over the Netherlands and the south of France, as well as on the upper part of the Norwegian coasts. The weather is cloudy over Great Britain and the north and west of France, with rain in the north of Scotland and a thunderstorm off the Kentish coast. In Ireland and over the northern and central parts of the continent the weather is fine. The sea is slight or smooth.

DAILY WEATHER REPORT.

Saturday, 13th July, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O-ward H-ward	BAROMETER.		WIND.		W. THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O-ward H-ward	BAROMETER.		WIND.		W. THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
12 h. b.p.m.	51	10	Adriatic	O	29.91	+0.04	NW	1-3	c	12 h. 7 a.m.	50	17	Oceanic	O	29.88	+0.06	WNW	1-3	b
"	55	13	Virginian	H	29.96	+0.03	WNW	1-3	b	"	54	22	Megantic	H	29.70	-0.01	WNW	4-5	c
" 7 a.m.	54	18		H	29.80	+0.03	NW	1-3	c	"	54	24	Hesperian	H	29.84	+0.01	NW	4-5	o
"	53	27	Columbia	H	29.88	+0.02	NW	4-5	c										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.					Hr.	England, S.E.		In.					Hr.
{ Oban ...		...	...	...	...	...	...	{ Ramsgate ...		...	...	...	...	...	...
{ Stonehaven ...		...	...	...	...	...	...	{ Margate ...		...	...	...	...	...	...
{ St. Andrews ...		...	...	...	...	...	...	{ Deal ...		...	...	...	...	...	...
{ Carnoustie ...		...	...	...	...	...	...	{ Littlestone ...		...	...	...	...	...	...
Eng. N.E.		...	...	...	...	...	...	{ Folkestone ...		...	...	...	...	...	...
{ Harrogate ...		...	...	...	...	...	...	{ Hastings ...		...	...	...	...	...	...
{ Scarborough ...		...	...	...	...	...	...	{ Bexhill-on-Sea ...		...	...	...	...	...	...
England, N.W.		...	...	...	...	...	...	{ Eastbourne ...		...	...	...	...	...	...
{ Blackpool ...		...	...	...	...	...	...	{ Seaford ...		...	...	...	...	...	...
{ Southport ...		...	...	...	...	...	...	{ Brighton ...		...	...	...	...	...	...
{ Buxton ...		...	...	...	...	...	...	{ Worthing ...		...	...	...	...	...	...
{ Douglas ...		...	...	...	...	...	...	{ Bognor ...		...	...	...	...	...	...
Wales.		...	...	...	...	...	...	{ Southsea ...		...	...	...	...	...	...
{ Rhyl ...		...	...	...	...	...	...	{ Bournemouth ...		...	...	...	...	...	...
{ Colwyn Bay ...		...	...	...	...	...	...	{ Weymouth ...		...	...	...	...	...	...
{ Llandudno ...		...	...	...	...	...	...	{ Teignmouth ...		...	...	...	...	...	...
{ Bettws y-Coed ...		...	...	...	...	...	...	{ Torquay ...		...	...	...	...	...	...
{ Aberystwyth ...		...	...	...	...	...	...	{ Paignton ...		...	...	...	...	...	...
England, E.		...	...	...	...	...	...	{ Weston-super-Mare ...		...	...	...	...	...	...
{ Skegness ...		...	...	...	...	...	...	
{ Lowestoft ...		...	...	...	...	...	...	
{ Felixstowe ...		...	...	...	...	...	...	
{ Southend-on-Sea ...		...	...	...	...	...	...	

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.
	p.m. Yester- day.	9 a.m. To- Day.	In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.	
			Max.	Min.						
			24 HOURS ENDED 9 A.M. TO-DAY.							
Greenwich (Royal Obs.) ...	40	65	90	63	54	-	b	b.b.c	b.b.c	11.4
City (Bunhill Row) ...	...	...	*	*	*	*	*	*	*	9.8
Westminster (St. James's Pk.)	50	73	87	63	60	-	b.c	b.c	b.c	10.4
Camden Sq. (Brit. Rainfall)	42	65	91	63	59	-	b	b.b.c	b.c.b.	9.0
Hampstead (Reservoir) ...	*	68	88	60	52	-	b.c	b.c	b	10.8
24 HOURS ENDED 6 P.M. YESTERDAY.										
South Kensington ...	*	*	88	59	51	-	b	b	b.c.c.	10.3
" " (Roof of M.O.)	43	67	87	61	*	*	b	b	b.c.c.	10.3

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

13th July 1912.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	
Yarmouth ...	3.46	11.58	8.11
Greenwich ...	3.47	11.59	8.10
Wick ...	3.59	12.5	8.12
Valencia ...	4.0	12.6	8.11
	3.27	12.17	9.8
	3.27	12.18	9.6
	4.29	12.46	8.56
	4.38	12.47	8.55

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 85° and upwards in many parts of eastern and central England, to 90° at Greenwich and 91° at Camden Square. Between 12 and 13 hours of bright sunshine were recorded on the east and south-east coasts of England, but in the west and north the duration was small. Rain fell on all but our east and south-east coasts, & thunderstorms occurred in many parts of Great Britain. Wireless reports show that as far west as the 27th meridian ships experienced light to fresh breezes 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; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

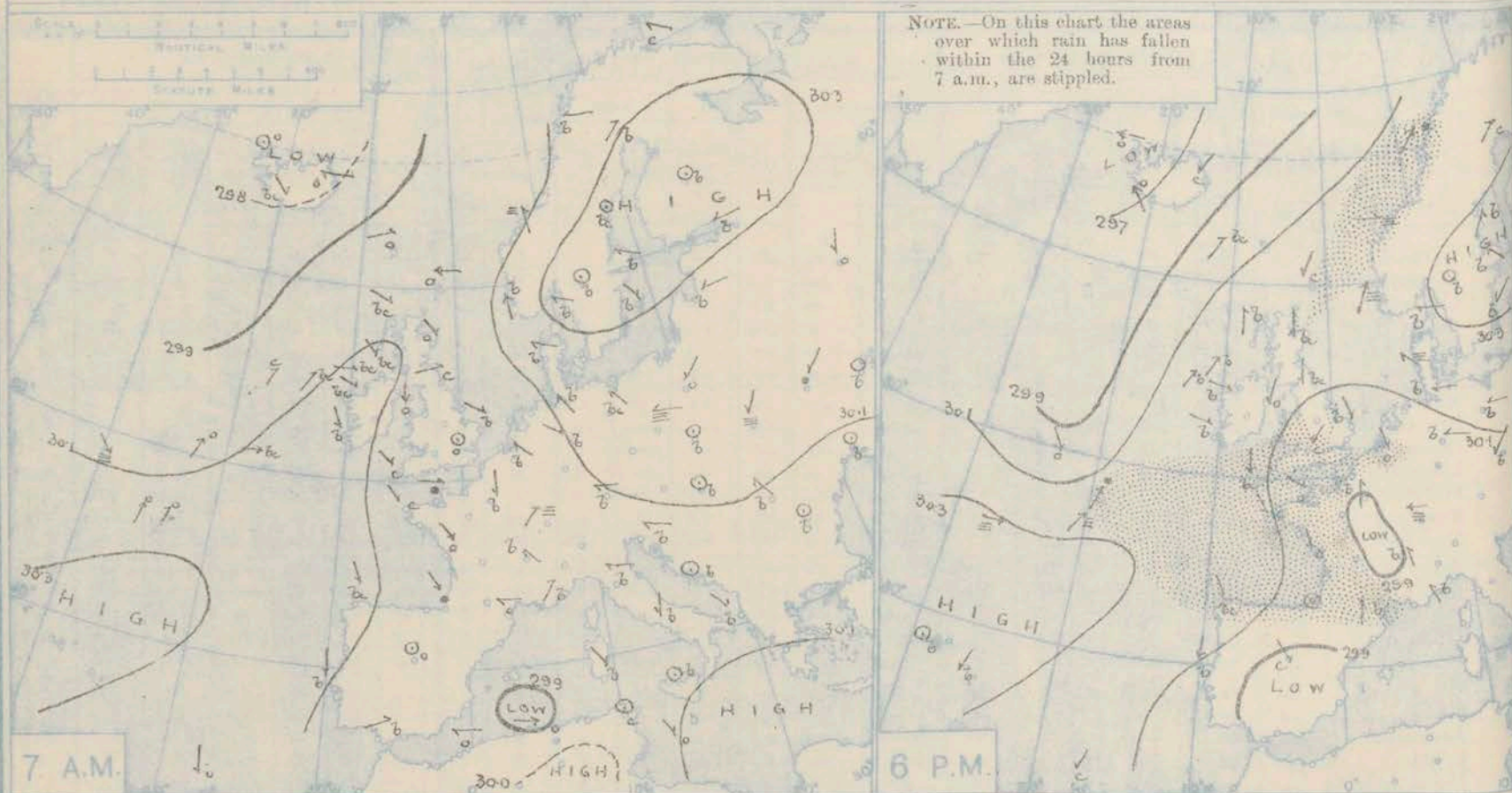
Sunday
14th July, 1912.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temp.	Wind.		Sea (0 to 9).	Rain- fall.	Temp.		Weather.								
				At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.		Dir.	Force (0 to 12).		At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.			Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
BRITISH ISLANDS.		Lerwick	30.20	55	NNE	2	c	30.16	50	-4	SSE	1	f	0	Trace	57	49	om	cpm	f	*	12.8		
		Stornoway	30.16	57	S	2	b	30.14	54	-1	S	4	b	3	-	60	50	bcg	bcg	bcg	*	12.8		
		Castlebay (Bacra Isd.)	30.18	57	SW	2	c	30.16	55	+1	SSW	3	bc	3	-	59	51	c	c	c	*			
		Malin Head	30.16	58	N	2	bcn	30.15	56	+2	S	3	b	1	-	60	49	bcn	bc	bc	*			
		Blackrod Point	30.18	59	W	3	b	30.15	57	+1	SW	5	bc	4	-	60	48	bc	bc	bc	*			
		Valencia	30.21	59	W	2	b	30.19	50	-5	NE	1	b	3	-	61	43	bc	b	bc	*	11.3		
		Roche's Point	30.17	61	S	2	c	30.20	56	+2	N	2	b	2	-	66	51	c	c	c	*			
		Birr Castle	30.16	62	NW	1	c	30.19	52	+3	NW	1	bc	*	-	65	44	c	c	bc	*	6.5		
		Donaghadee	30.16	58	NNW	4	b	30.18	55	+1	NNW	1	m	1	-	60	50	bc	bc	bc	*			
		Liverpool Obsy.	30.14	60	WNW	3	o	30.13	60	+4	WNW	2	b	2	0.02	62	55	op	b.o	b	*	4.6		
		Holyhead	30.14	57	NNE	2	om	30.14	58	+3	NW	4	c	3	-	59	55	o.c.m	cm	cm	*			
		Pembroke (St. Ann's Hd.)	30.12	56	N	5	c	30.09	58	+3	N	4	cp	3	0.04	62	54	og	eg	eg	*	2.1		
		Newquay	30.08	58	NW	5	o	30.05	59	+2	N	2	om	3	Trace	60	57	c	c	op	*	2.9		
		Scilly (St. Mary's)	30.12	59	N	4	bcn	30.08	57	-1	N	4	c	3	Trace	63	55	bm	bcn	bc	*	9.9		
		Jersey (St. Aubin)	30.05	58	WNW	3	ogm	30.00	63	+6	NW	2	om	3	0.52	63	57	om	om	og	*	0.0		
		Portland Bill	30.02	63	NNW	2	c	30.00	66	+8	NE	4	bc	3	0.02	66	57	cp	c	c	*			
		Dungeness	29.95	74	NE	4	c	29.96	69	+2	NNW	3	bcg	2	0.28	81	62	at	c	c	*			
		Dover	30.00	68	N	4	c	30.00	67	-3	NNW	3	m	2	0.06	82	61	bc	bc	bc	*	10.0		
		Wick	30.20	55	NE	2	bc	30.17	54	0	SSE	1	o	1	-	60	50	c	c	bc	*			
		Nairn	30.17	59	E	1	c	30.17	56	+3	-	0	o	1	0.01	62	50	d	c	c	*	0.5		
		Aberdeen	30.18	60	N	2	bc	30.18	59	+2	-	0	b	2	-	64	49	c	c	c	*	3.1		
		Leith	30.17	60	ENE	1	o	30.17	59	0	E	1	b	-	-	65	52	c	c	c	*			
		North Shields	30.14	60	N	3	bc	30.17	55	-7	N	3	m	3	-	68	52	bc	bc	m	*			
		Spurn Head	30.07	67	N	4	c	30.09	57	-8	N	5	f	5	Trace	70	54	clt	em	f	*			
		Yarmouth	30.03	70	NNW	2	c	30.04	65	-3	N	1	b	0	-	79	61	b	b	bc	*	12.6		
		Clacton-on-Sea	29.98	79	NNW	2	c	30.02	66	-1	N	2	b	1	-	81	61	bcg	bcg	c	*	11.9		
		Nottingham	30.04	75	NE	2	bc	30.09	58	-6	NE	3	om	*	-	78	58	c	c	bc	*	7.1		
		Bath	30.05	69	WNW	1	o	30.06	63	+3	N	1	o	*	-	70	60	-	-	-	*			
		Oxford	30.05	68	NW	2	b	30.07	61	-1	NNE	3	o	*	0.11	72	61	em	or	c	*			
		London (Kew Obsy.)	30.00	75	NE	2	c	30.04	62	-3	N	2	om	*	0.01	78	61	om	or	c	*	4.7		
		Isafjord	29.69	50	E	4	o	29.45	51	+5	E	3	r	*	-	*	*	*	*	*	GALES.			
		Reykjavik	29.62	58	W	1	o	29.38	49	+2	E	3	o	*	-	*	*	*	*	*	Duration and Extreme Force on British Coasts.			
		Vestmanna	29.71	51	SE	5	o	29.47	48	0	SSE	4	o	1	-	*	*	*	*	*				
		Seydisfjord	29.82	59	NE	3	c	29.56	52	+6	N	2	o	*	-	*	*	*	*	*				
		Thorshavn	30.10	58	SW	3	bc	30.00	53	+1	SSW	5	o	*	-	*	*	*	*	*				
		Haparanda	30.29	63	SW	2	c	30.24	64	0	W	4	b	*	-	70	52	-	-	-				
		Hernösand	30.30	63	SSW	2	b	30.26	69	+6	-	0	b	*	-	70	55	-	-	-				
		Stockholm	30.33	66	SE	2	b	30.36	71	-2	SSE	2	b	0	-	79	57	-	-	-				
		Wisby	30.32	64	NE	2	b	30.36	66	-1	NNW	2	b	*	-	72	57	-	-	-				
		Karlstad	30.30	71	-	0	b	30.34	68	0	-	0	b	*	-	81	59	-	-	-				
		Färder (Xiania Fjord)	30.30	68	SW	1	b	30.28	70	+2	WSW	1	b	0	-	73	64	-	-	-				
		Bodö	30.15	63	SW	4	r	30.29	55	-19	WSW	3	r	1	0.59	73	54	-	-	-				
		Christiansund	30.23	62	W	1	f	30.23	61	-13	SW	1	r	1	0.24	68	59	-	-	-				
		Skudesnaes	30.22	66	SSW	6	m	30.28	67	0	S	4	b	3	-	67	63	-	-	-				
		The Scaw (Skagen)	30.30	67	E	2	b	30.34	69	+4	-	0	b	0	-	79	57	-	-	-				
		Blaavands Huk	30.19	70	SE	2	m	30.26	69	-1	ESE	4	b	2	-	81	55	-	-	-				
		Cuxhaven	30.14	72	E	3	b	30.20	66	-2	ESE	4	b	*	-	79	63	-	-	-				
		The Helder	30.03	75	ENE	2	b	30.10	72	-1	E	2	b	1	-	86	68	-	-	-				
		Brussels	29.96	75	NW	1	o	30.03	75	-1	ENE	1	b	*	0.16	91	67	-	-	-				
		Berlin	30.13	77	E	3	b	30.21	67	-5	E	1	b	*	-	84	61	-	-	-				
		Frankfurt	30.03	74	E	1	b	30.08	70	+3	N	1	b	*	-	88	61	-	-	-				
		Munich	30.03	68	NE	2	b	30.06	63	-1	NE	3	b	*	-	79	54	-	-	-				
		C. Gris Nez	29.96	65	NE	4	c	29.99	65	-6	NNE	3	m	2	0.16	82	52	-	-	-				
		La Hève	30.00	59	NNW	4	b	30.01	62	-8	SW	1	f	1	-	73	55	-	-	-				
		Brest (St. Mathieu)	30.10	64	NNW	3	c	30.08	57	0	NNW	4	o	2	-	64	57	-	-	-				
		Lorient (Boc Melen)	30.03	62	N	1	o	30.00	59	0	NW	3	r	3	0.04	72	55	-	-	-				
		Rochefort (Ile d'Aix)	30.03	59	NNW	4	o	30.07	63	0	-	0	c	*	0.67	68	59	-	-	-				
		Biarritz	30.05	61	-	0	r	30.10	59	-6	S	3	o	3	1.50	65	47	-	-	-				
		Paris	29.90	84	SSE	2	b	30.00	67	-1	SSW	2	bc	*	-	89	62	-	-	-				
		Belfort	29.95	82	E	4	m	30.01	69	+4	-	0	m	*	-	90	61	-	-	-				
		Lyons	29.89	85	SE	2	b	30.05	69	0	S	1	alv	*	-	92	63	-	-	-				
		Nice	29.96	75	SE	2	b	29.95	73	-4	E	1	bc	4	-	86	60	-	-	-				
		Perpignan	29.92	75	S	3	b	30.02	67	-1	W	1	b	*	0.04	81	61	-	-	-				
		Sanguinaire																						
		Corunna (8 a.m.)	30.18	62	NNW	3	bc	30.15	58	-6	ENE	3	r	3	0.39	63	54	-	-	-				
		Lisbon (9 a.m.)	30.07	60	NNE	5	b	30.02	61	?	N	5	b	5	-	70	57	-	-	-				
		Gibraltar																						
		Azores (P. Delgada)	30.36	66	NE	2	b	30.32	67	0	-	0	b	1	-	75	64	-	-	-				
		Azores (Horta)	30.38	70	-	0	b	30.34	68	-1	-	0	o	2	-	75	66	-	-	-				
		Madeira (Funchal)	30.17	72	NE	3	c	30.13	71	0	NE	3	b	3	-	75	59	-	-	-				

* 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 JULY



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

FORECASTS FOR THE 24 HOURS NOON SUNDAY

TO NOON MONDAY.

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

None issued.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

NO WARNINGS

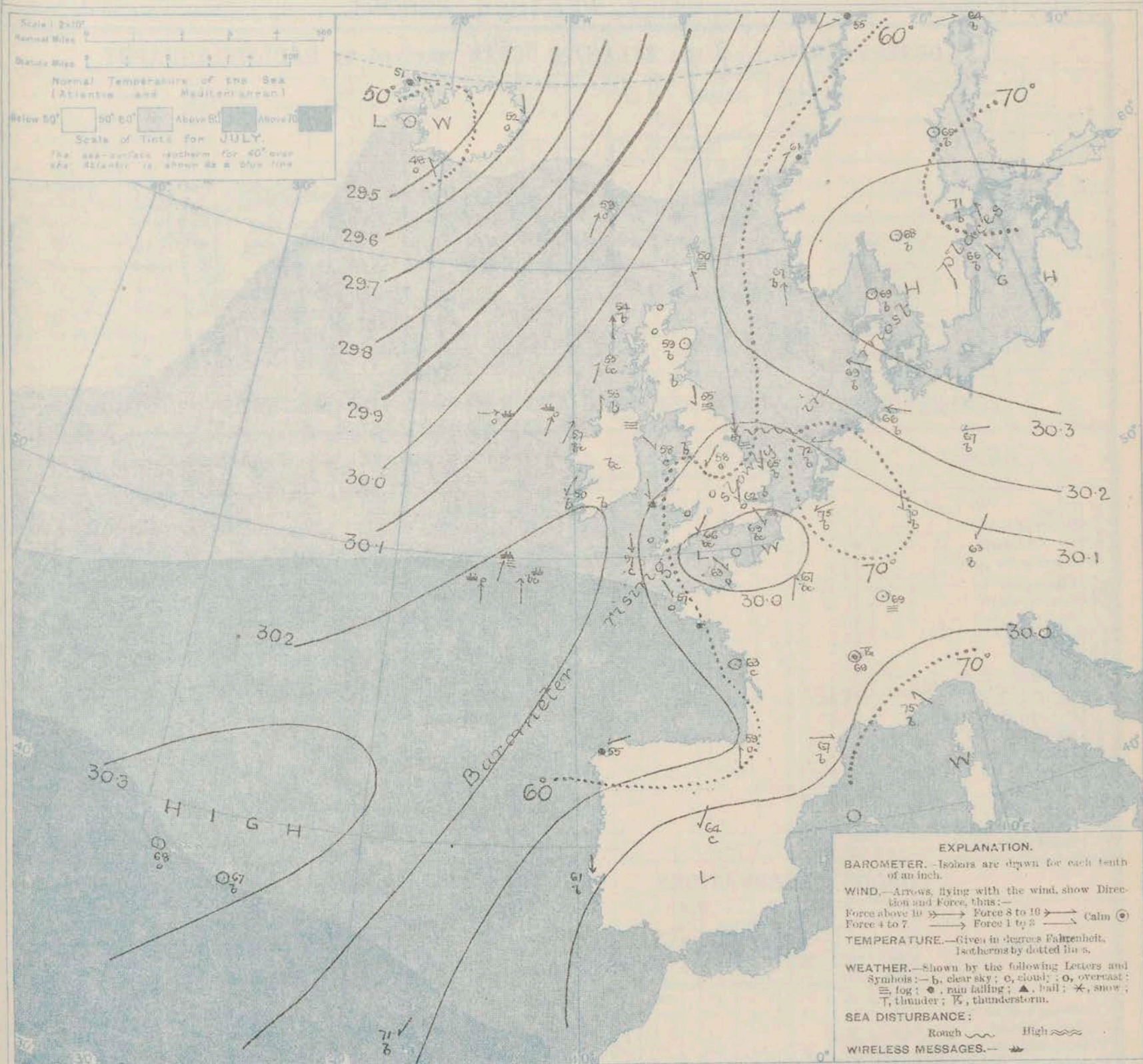
ISSUED

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

None issued.

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.3 in. in anticyclones centred about the Azores and Southern Scandinavia. In a depression over Western Iceland pressure is below 29.5 in., and in a very shallow one on the eastern portion of the English Channel it is at 30 in. About Iceland the gradient is moderate, elsewhere it is slight.

S.^{W.} to S.W.^{ly} breezes prevail from the north of Ireland to Norway and Iceland; N.E.^{ly} over England, very variable in other regions. As a rule the force is light. At the home stations temperature

ranges from 50° at Lerrick and Valencia to 69° at Dungeness; on the Continent from 55° at Comuna to 75° at Brussels; in Scandinavia from 55° at Bodø to 71° at Stockholm; and in Iceland from 48° to 52°. Fair to fine weather prevails over the greater part of the region under observation, but a few isolated stations report rain, and Lyons a thunderstorm. The atmosphere is foggy off the Humber and the Seine. The sea is rather rough at Spinn Head, but generally it is smooth.

DAILY WEATHER REPORT.

Sunday, 14th July, 1912

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
13th, 6 p.m.	49	23	Adriatic	O	29.96	+0.3	NW	4-5	O	13th, 7 a.m.	50	17	Adriatic	O	30.13	0.0	W	1-3	bc
" "	45	27	Menominee	H	30.32	0.0	W	4-5	w	" "	48	28	Oceanic	O	30.04	-0.4	WNW	4-5	w
" "	47	19	Vaderland	H	30.20	-0.4	SW	6-7	w	" "	46	23	Vaderland	H	30.25	0.0	SSW	4-5	o
" "	55	10	Tunisian	O	?	?	SSW	4-5	b	" "	50	21	Merion	O	30.00	-0.5	SSW	4-5	o
" "	48	18	Philadelphia	H	30.19	+0.5	SSW	4-5	r	" "	46	22	Philadelphia	H	30.18	-0.2	SSW	4-5	o
" "	49	9	Manitou	O	?	?	NW	1-3	c	" "	55	14	Hesperian	H	30.03	-0.2	SW	4-5	bc
" "	55	10	Pretorian	O	30.20	+0.4	SW	1-3	b	" "	55	9	Magantic	H	29.99	-0.2	W	1-3	bc
" 1 p.m.	55	14	Columbia	H	29.98	0.0	SW	4-5	bc	" "	54	17	Columbia	H	29.95	-0.1	SW	1-3	o

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.							Ramsgate ...						
Stonhaven ...		65	52			5.4	Margate ...		76	65	bc.	bc. thr	8.2
St. Andrews ...							Deal ...		79	64	bm.	bm. tlpd	10.2
Carnoustie ...	0.01	62	57	bc.	bc.	2.1	Littlestone ...						9.4
England, N.E.							Folkestone ...	0.02	83	62	ctf. bc.	bc. at	9.4
Harrogate ...	0.28	71	55	bc. b	b. thr	7.8	Hastings ...	0.03	80	63	bc. o	bc.	7.0
Scarborough ...							Bexhill-on-Sea ...		81	63	t. bc. ob	bc. to. b	5.8
England, N.W.							Eastbourne ...	0.10	77	64	bc. b.	ob. bc.	2.8
Blackpool ...		63	?	c. b. o	c. b.	0.6	Seaford ...	0.04	76	62	bc. b.	c. o. thr	3.8
Southport ...		70	51	bc.	b	6.5	Brighton ...	0.10	?	63	b. bc. c. b	bc. c.	2.8
Buxton ...							Worthing ...	0.36	72	62	o. tlp	o. bc.	1.7
Douglas ...							Bognor ...						2.4
Wales.							Southsea ...						1.6
Rhyl ...	0.06	62	55	bc. r.	c. bc.	1.4	Bournemouth ...	0.10	71	58	r. o	r. c.	0.2
Colwyn Bay ...		62	54	o	o		Weymouth ...	0.02	68	57	e. o.	c. bc.	0.0
Llandudno ...							Teignmouth ...	0.12	65	57	c	cr	
Bettws y-Coed ...							Torquay ...						
Aberystwyth ...	0.03	64	56	c. o	o	0.2	Paignton ...	0.08	66	56	o. op	o	
England, E.							Weston-super-Mare ...						
Skegness ...		82	64	bc.	bc.	10.8							
Lowestoft ...													
Felixstowe ...		82	74	b. bc.	bc.	8.5							
Southend-on-Sea ...	0.02												

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain-fall.	WEATHER.			Sun-shine for Yesterday.
	p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Fore-noon.	After-noon.	Night.	
Greenwich (Royal Obs.) ...	53	82	85	60	55	c. b	c. b.	c.	5.3
City (Bunhill Row) ...									3.3
Westminster (St. James's Pk.)	65	86	78	61	59	bc	bc.	bc.	3.7
Camden Sq. (Brit. Rainfall)	57	80	83	62	59	bc	c	c	4.3
Hampstead (Reservoir) ...		88	79	59	53	bc	om	o	6.8
24 HOURS ENDED 9 A.M. TO-DAY.									
South Kensington ...			85	63	60	c. bc.	bc. c.	c. cy	4.1
" (Roof of M.O.)	58	82	85	64					
24 HOURS ENDED 6 P.M. YESTERDAY.									

Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		WEATHER.			Sun-shine
		In Screen.	Min. on Grass.	Night.	Fore-noon.	After-noon.	
Dublin to 4 p.m.	0.01	64	52	50	bc. b.	c. b.	1.5
Plymouth to 9 p.m.	0.02	66	55	53	c. br	c. b.	4.1
Darwen	0.01	71	56	56	g. or.	b.	3.4
Manchester		72	56		c. o.	c. bc.	1.2
Birmingham	0.02	68	59	50	o	o	

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

14th & 15th July, 1912.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	3.47	11.59	8.10
	3.48	11.59	8.9
Greenwich ...	4.0	12.6	8.11
	4.2	12.6	8.10
Wick ...	3.29	12.18	9.6
	3.31	12.18	9.4
Valencia ...	4.38	12.47	8.55
	4.39	12.47	8.54

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 83° at Folkestone, and to 80° or above at other stations in Southeastern England, while in the north and northwest there were maxima of 57° to 60°. Thunderstorms occurred in the south and east of England, but as a rule the rainfall was slight; at Teignmouth, however, 2 inch fell in 1/2 hour. The duration of bright sunshine was very variable, none at Jersey and Teignmouth, 12 1/2 hours in the Hebrides. As far west as the 28th meridian ships experienced light to strong S. to S.W. and S.W. breezes, and fine to dull weather, rain locally.

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.

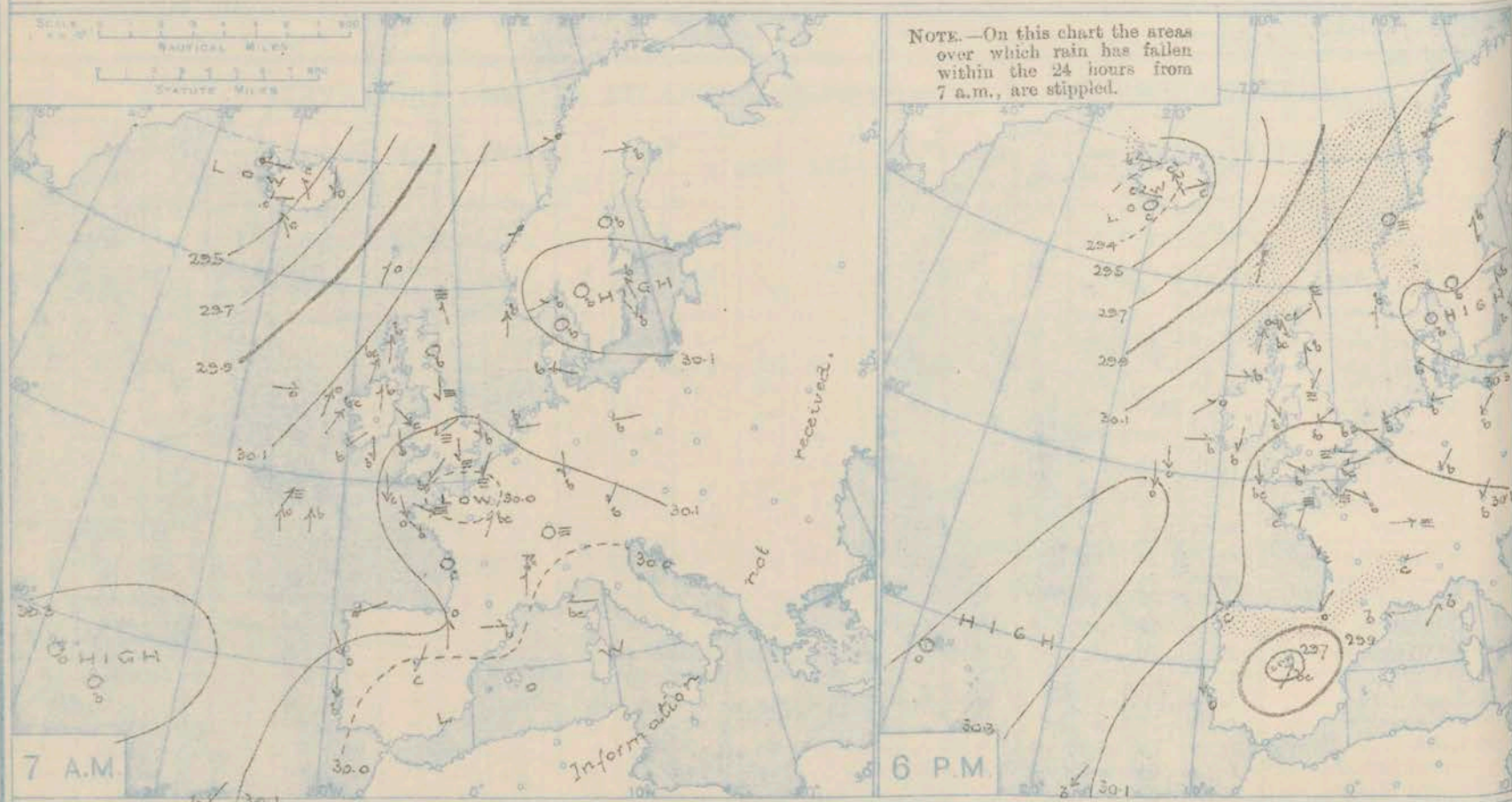
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,
15th July, 1912.

STATIONS	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.			
	BAROM.	TEMP.	WIND.		Weather.	BAROMETER.	TEMP.	WIND.		Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER											
			At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.				Dir.	Force (0 to 12).				At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern. 1 p.m. to 5 p.m.		Night. 5 p.m. to 7 a.m.		
BRITISH ISLANDS.																										
Lerwick	30.13	52	SSE	2	m	30.15	+0.2	55	+5	SW	3	c	1	-	55	49	f	m	bc							
Stornoway	30.13	58	SSW	6	og	30.26	+0.3	55	+1	WSW	3	bc	3	0.02	62	48	bc, og	ac, og	odp, bc						5.5	
Castlebay (Barra Isd.)	30.15	56	SW	3	o	30.27	+0.4	54	-1	WNW	2	o	2	-	58	50	bc, o	c, o	dp, bc, o						5.5	
Malin Head	30.17	62	W	2	b	30.27	+0.2	54	-2	N	3	o	2	0.01	65	50	bc	bc	fd						*	
Blacksod Point	30.18	60	SW	4	o	30.28	+0.3	54	-3	N	4	m	3	Trace	60	53	om	om	ond						*	
Valencia	30.20	60	W	2	b	30.25	+0.2	55	+5	-	0	b	3	-	62	47	bc	bc	bcw						13.8	
Roche's Point	30.15	69	NNE	2	b	30.22	*	58	+2	N	3	b	2	-	72	55	b	b	b						*	
Birr Castle	30.15	68	NW	2	bc	30.24	*	52	0	NW	1	f	2	-	71	48	b	bc	f						11.4	
Donaghadee	30.16	61	NNW	2	b	30.26	+0.2	55	0	NNW	3	b	2	-	63	53	bc	bc	bcw						*	
Liverpool Obsy.	30.11	63	WNW	4	b	30.19	+0.2	61	+1	WNW	2	b	1	-	65	58	bcw	b	b						11.4	
Holyhead	30.13	60	NW	3	bm	30.19	+0.1	59	+1	N	3	c	2	-	62	56	bm	bm	cm						*	
Pembroke (St. Ann's Hd.)	30.08	62	NNE	5	b	30.12	+0.3	63	+5	NNE	4	b	2	Trace	69	58	cgg	bg	bg						9.0	
Newquay	30.05	62	NW	3	bg	30.08	+0.1	63	+4	-	0	bf	2	-	64	57	og, b	b, bg	c						7.0	
Scilly (St. Mary's)	30.08	61	N	4	bc	30.08	+0.1	60	+3	NNE	2	bcw	3	-	64	57	bc	bc	bc						9.1	
Jersey (St. Aubin)	30.06	65	SW	3	cm	30.09	*	61	-2	NNW	2	f	2	Trace	70	56	f, o	cm	of						2.3	
Portland Bill	30.02	68	WNW	2	b	30.09	+0.2	67	+1	N	1	f	2	-	74	60	b	bm	bm, bc						*	
Dungeness	29.99	73	ESE	3	bc	30.08	+0.3	68	-1	ESE	2	bc	2	-	79	60	clg	z, bc	bg						*	
Dover	30.03	74	NE	3	b	30.11	*	69	+2	N	2	b	2	-	84	62	bg	b	bg						12.8	
Wick	30.12	57	NE	3	c	30.26	+0.4	56	+2	NW	2	bc	1	-	63	47	of	f, cm	am, bc						*	
Nairn	30.10	70	NW	1	bc	30.26	*	58	+2	-	0	c	0	-	72	49	bc	b	c						7.0	
Aberdeen	30.12	67	S	1	b	30.27	+0.5	60	+1	NW	2	b	1	-	72	54	b	b	b, bc						11.5	
Leith	30.12	65	-	0	b	30.25	+0.5	59	0	WNW	1	o	2	-	69	57	b	b	b						*	
North Shields	30.16	56	NNE	2	m	30.22	+0.3	58	+3	-	0	b	2	-	64	51	c	f	f						2.5	
Spurn Head	30.10	57	N	5	f	30.19	+0.1	57	0	NNW	4	f	4	Trace	60	53	f	f	f						*	
Yarmouth	30.07	69	E	1	b	30.18	+0.2	68	+3	E	1	b	0	-	72	63	b	b	b						13.3	
Clacton-on-Sea	30.03	74	ESE	2	b	30.13	+0.3	69	+3	NE	2	b	1	-	75	65	bg	bg	bg						13.0	
Nottingham	30.07	74	NE	2	b	30.17	*	61	+3	NNE	2	cm	2	-	77	56	c, bc	bc, b	b						6.6	
Bath	30.04	78	NE	1	b	30.14	*	67	+4	N	1	b	2	-	79	63	-	-	-						5.9	
Oxford	30.07	75	N	2	b	30.16	*	65	+4	NE	2	b	2	-	78	60	o	c, bcw	bm, bc						*	
London (Kew Obsy.)	30.02	82	E	2	bcw	30.13	+0.2	70	+8	ESE	1	bg	2	-	85	61	c, bcw	bm, bcw	bm, bcw						7.4	
ICELAND & FAEROE.																										
Isafjord	29.43	48	E	3	o	29.72	+12	46	-5	E	4	o	2	-	*	*	*	*	*							
Reykjavik	29.38	57	E	3	c	29.73	+11	50	+1	W	3	o	2	-	*	*	*	*	*							
Vestmanna	29.41	54	-	0	c										*	*	*	*	*							
Seydisfjord	29.49	58	WSW	2	c	29.63	+0.8	54	+2	WSW	3	c	2	-	*	*	*	*	*							
Thorshavn	29.93	53	SSW	5	r	30.01	+0.5	53	0	WSW	7	o	2	-	*	*	*	*	*							
SCANDINAVIA.																										
Haparanda	30.21	63	SW	2	c	30.18	-0.1	67	+3	SSW	2	c	2	-	68	52										
Hernösand	30.21	71	-	0	b	30.21	-0.1	73	+4	-	0	b	2	-	77	57										
Stockholm	30.33	66	S	2	b	30.34	-0.1	70	-1	SW	2	b	2	-	77	57										
Wisby	30.34	62	SE	2	b	30.36	+0.1	71	+5	ESE	2	b	2	-	81	57										
Karlstad	30.29	70	-	0	b	30.32	0.0	70	+2	-	0	b	2	-	81	57										
Færder (X'ania Fiord)	30.33	70	SSW	1	b	30.32	+0.1	69	-1	SSW	2	b	1	0.39	73	66										
Bodö	30.18	58	ESE	1	r	30.12	-0.2	61	+6	-	0	o	1	0.08	61	54										
Christiansund	30.21	65	-	0	w	30.16	-0.1	60	-1	-	0	w	1	-	68	59										
Skudesnaes	30.25	68	S	4	b	30.28	+0.1	65	-2	S	4	b	4	-	70	63										
The Scaw (Skagen)	30.32	67	-	0	b	30.36	+0.3	70	+1	W	1	b	0	-	79	59										
Blaavands Huk	30.28	66	SE	2	b	30.32	+0.3	69	0	SE	3	b	1	-	79	55										
GERMANY, &c.																										
Cuxhaven	30.20	71	E	3	b	30.28	+0.1	66	0	ESE	3	b	2	-	77	63										
The Helder																										
Brussels	30.05	76	NNE	2	b	30.13	+0.3	72	-3	SW	1	b	2	-	87	50										
Berlin	30.17	76	NE	2	b	30.26	+0.2	68	+1	E	2	b	2	-	81	61										
Frankfurt	30.10	73	NE	2	b	30.19	+0.3	69	-1	NE	2	b	2	-	84	59										
Munich	30.07	64	NE	2	b	30.16	+0.2	64	+1	NE	3	b	2	-	77	56										
FRANCE.																										
C. Gris Nez	30.02	72	NNE	1	w	30.10	+0.3	73	+8	E	1	b	1	-	81	63										
La Hève	30.04	64	NW	3	f	30.10	*	63	+1	-	2	f	0	0.08	70	59										
Brest (St. Mathieu)	30.08	63	NW	1	c	?	-0.1	57	0	N	1	w	1	-	66	55										
Lorient (Boc Melen)	30.04	64	W	2	c	30.03	*	60	+1	ESE	3	w	3	-	70	54										
Rochefort (Ile d'Aix)	30.04	64	NNW	3	c	29.95	*	66	+3	NE	3	b	2	-	73	61										
Biarritz	29.96	65	NE	3	o	29.91	*	61	+2	W	4	o	2	0.12	64	59										
Paris	30.02	76	WSW	1	b	30.07	+0.2	68	+1	NNE	1															

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 14TH JULY.



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The anticyclonic system now dominating these islands is likely to maintain its position, with little modification, for the present.

FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

0 {
a } Wind mainly easterly,
b } light or moderate, fair or fine
1 } generally; moderate temperature.

2 {
a } Wind between North-East and
b }

3 } East, light or moderate; fair to bright

4 {
a } generally; temperature high.
b }

5

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

NO

WARNINGS

ISSUED

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

7 {
a } Northerly winds, light or
b } moderate; fine; moderately high temperature.

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

9 {
a } Wind variable or Northerly
b } light; fair or fine generally;

10 {
a } temperature rising
b }

11 WESTERN CHANNEL AND BAY.

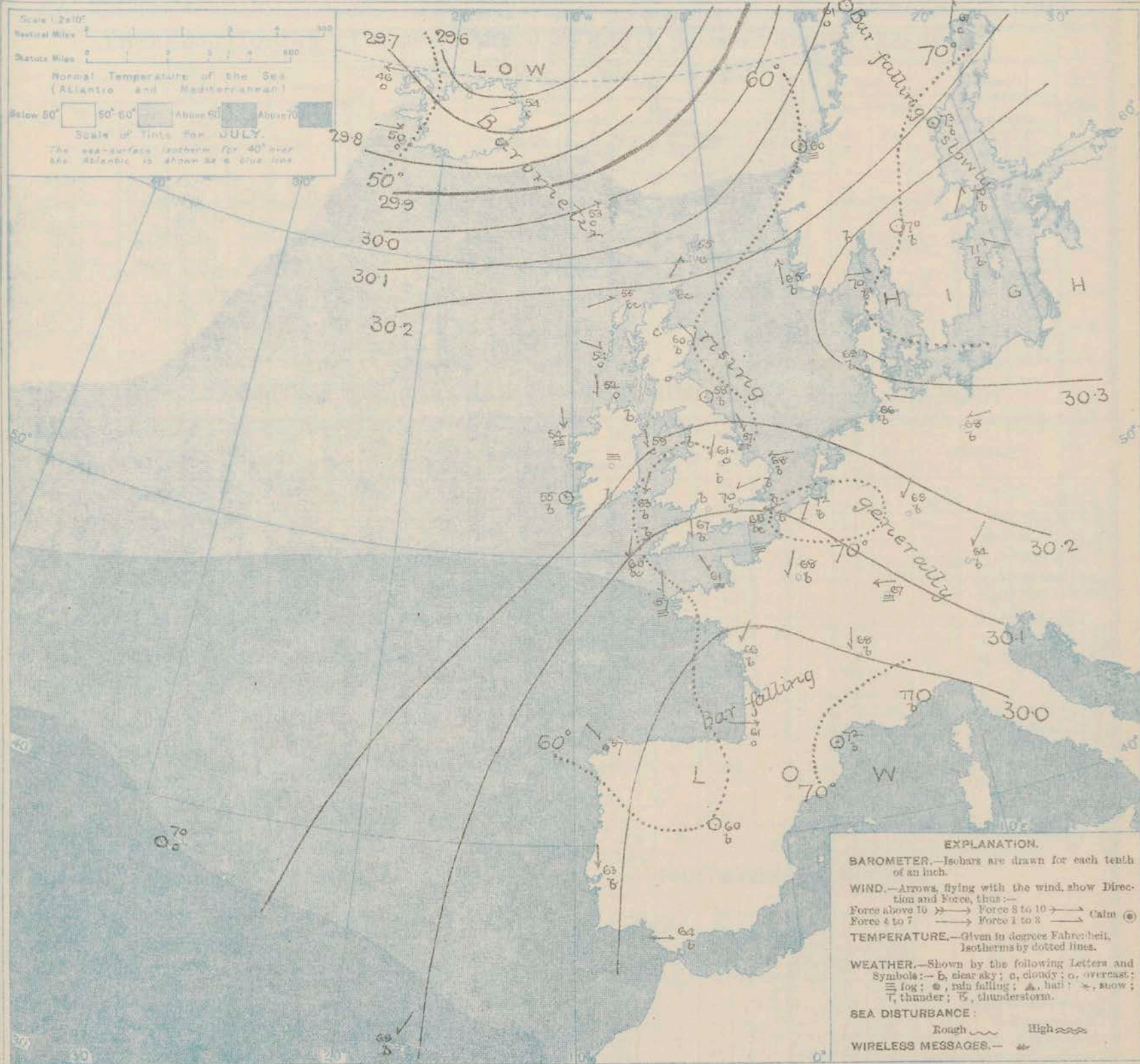
Northerly and North-easterly winds, light or moderate; fair or fine generally, mist or fog locally; sea slight or smooth.

THE FURTHER OUTLOOK. Districts 2-5 and 7-11.

Continuing fair to bright generally.

SYNOPTIC CHART FOR 7 A.M.

MONDAY, 15TH JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.3 in. over the Baltic and the surrounding regions, and above 30.2 in. in a band extending across these islands to beyond the Azores. In the north of Iceland it is below 29.7 in., and over the southern half of France below 30 in. over our area generally pressure is increasing, but a decrease is in progress in the north of Scandinavia, and the south-west of France.

The wind is light in force very generally, mainly from the northward over England and Ireland, but North-Easterly on our South-East coasts. In Scotland a light Westerly breeze is

reported, and between that country and Iceland there is a more decided current from that quarter; at Thorshavn it reaches the force of a high wind. Temperature has risen in most parts of England, and now ranges over the United Kingdom from 70° in London to 60° at Aberdeen, 54° at Castlebay and Malin Head, and to 52° at Birr Castle. The weather is fair to very fine in almost all parts of our area, but a good deal of cloud is reported over the Icelandic region and fog at the mouth of the Stumber, Birr Castle, Jersey and Havre. Rain is falling at Corunna.

DAILY WEATHER REPORT.

Monday 15th July, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
14th, 6 p.m.	50	14	Mauretania	O	30.24	+0.1	N	4-5	0	14th, 7 a.m.	48	12	Philadelphia	H	30.20	+1.0	S	1-3	bc
" " 49	15		Maritau	O	30.34	+0.4	N	4-5	0	" " 55	11		Caledonia	O	?	?	SSW	6-7	0
" 7 a.m. 49	13		Tunisian	O	30.30	+0.1	SSW	4-5	bc	" " 48	14		Vaderland	H	30.20	+0.3	S	6-7	0
" " 55	15			O	?	?	W	6-7	0										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.					Hr.	Ramsgate ...	In.					Hr.
Oban ...	-	63	54	b	3	9.5	Margate ...	0.04	78	63	b	b	12.5
Stonhaven ...	-	65	50	b	3	12.0	Deal ...	0.03	77	61	om. bn.	bc. bn.	12.5
St. Andrews ...	-						Littlestone ...	-					10.8
Carnoustie ...	-	65	57	b	b	11.8	Folkestone ...	-	83	64	tl. b.	ob. b.	11.5
Harrogate ...	-	72	55	m. o	bc.	6.6	Hastings ...	-	81	64	bc. o	b.	9.0
Scarborough ...	-	63	54	o. c	o. c	3.0	Bexhill-on-Sea ...	0.02	82	65	bc. b.	b. bc.	9.5
Blackpool ...	-	68	54	c	bm	10.0	Eastbourne ...	-	81	64	b. bc.	bc. b.	8.8
Southport ...	-	68	57	c. bc.	b.	9.0	Seaford ...	-	83	63	b.	b. o. b.	10.4
Buxton ...	-						Brighton ...	-	?	64	bc. b.	bc. bc.	10.0
Douglas ...	-	71	53	b.	by	10.8	Worthing ...	0.01	81	64	b	b.	11.5
Rhyl ...	-	67	52	m. bc.	o. bc. b.	9.5	Bognor ...	-					11.7
Colwyn Bay ...	-	69	55	bc. b.	b.	8.5	Southsea ...	0.02	82	62	b	b.	10.0
Llandudno ...	-	69	55	bc.	b.	9.4	Bournemouth ...	-	79	61	bc. b.	b.	10.0
Bettws-y-Coed ...	-						Weymouth ...	-	80	61	z. b.	by	11.5
Aberystwyth ...	-	66	58	cy	by	10.9	Teignmouth ...	0.79	78	60	thr. c. bc.	b.	8.5
Skegness ...	-						Torquay ...	0.32	75	59	bc.	b.	6.8
Lowestoft ...	-	74	61	b.	b.	12.4	Paignton ...	0.20	77	59	thr. bc.	b.	7.5
Felixstowe ...	-						Weston-super-Mare ...	-	79	59	by	b.	
Southend-on-Sea ...	-	83	72	b	b. bc.	12.0							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.			Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.	
Greenwich (Royal Obs.) ...	53	59	88	59	4.6	In.	b	b	9.4
City (Sunhill Row) ...									8.3
Westminster (St. James's Pk.)	64	71	87	65	6.5	bc.	bc.	bc.	8.8
Camden Sq. (Brit. Rainfall)		61	89	62	5.6	bc.	b	b	8.2
Hampstead (Reservoir) ...		62	83	62	5.2	bc.	b	b	9.1
24 HOURS ENDED 9 A.M. TO-DAY.									
South Kensington ...			88	62	5.9				
" (Roof of M.O.)		62	86	62		c. o. c.	bc. b.	b. bc.	8.4
24 HOURS ENDED 6 P.M. YESTERDAY.									

Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.			Sunshine.
		In Screen.	Min. on Grass.	Night.	Forenoon.	Afternoon.	
Dublin to 4 p.m.	In.	71	50	4.9	c. b.	bm.	6.0
Plymouth to 9 p.m.	-						
Darwen "							
Manchester "							
Birmingham "	-	75	56	5.2	o	c. b.	6.0

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

15th July, 1912.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	
Yarmouth ...	3.48	11.59	8.8
Greenwich ...	4.2	12.6	8.10
Wick ...	3.31	12.18	9.4
Valencia ...	4.39	12.47	8.53

NOTES ON YESTERDAY'S WEATHER.

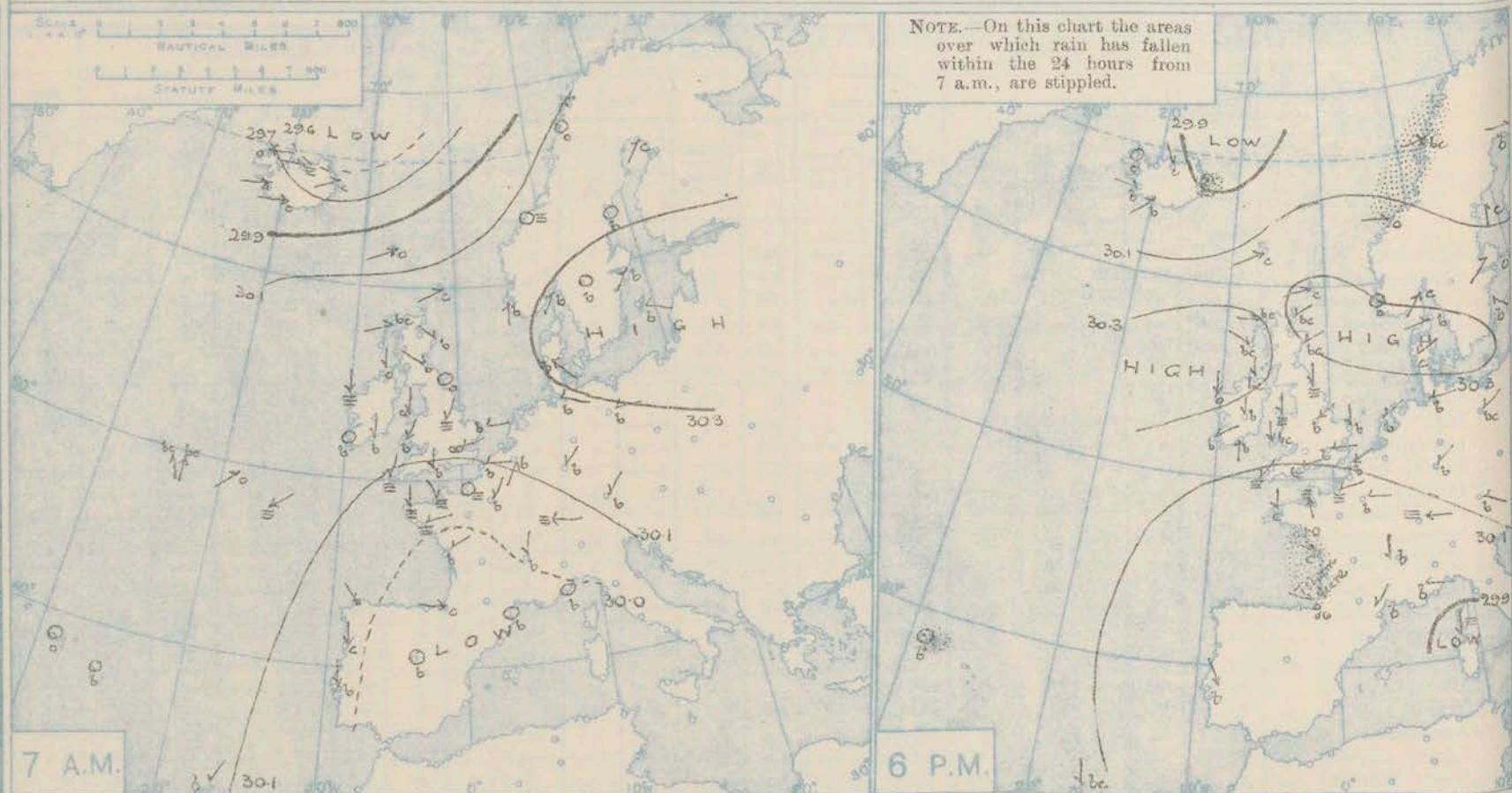
During yesterday temperatures rose to 88° or 89° in London, and to above 80° at several other places in the south-east of England, but at most stations in the west and north of these Islands the thermometer remained below 70°. Thunder or lightning was experienced at a few isolated stations in England, but no measurable amount is reported. Bright sunshine was very prevalent, especially in the south-east of England. According to wireless reports ships experienced moderate to fresh or strong variable winds as far west as the 15th 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.

† Received too late for insertion in Charts.

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



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The anticyclonic system is changing very little in intensity, and

is likely to maintain its influence over these islands

FORECASTS FOR THE 24 HOURS NOON TUESDAY

TO NOON WEDNESDAY.

0 {
a } Wind rather variable, mainly
b } Northerly or North-Westerly, light;
fair or fine; temperature rising.

2 {
a } Northerly or North-Easterly
b } winds, light or moderate; fine
generally, but fog at times on
coast; very warm inland.

3 {
a } Wind between North-East
b } and East, light or moderate;
fine generally; very warm.

5

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

NO

WARNINGS

ISSUED.

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

7 {
a } Wind mainly between
b } North and North-East, light
or moderate; fair or fine

8 {
a } generally; temperature high
b }

10 {
a }
b }

11 WESTERN CHANNEL AND BAY.

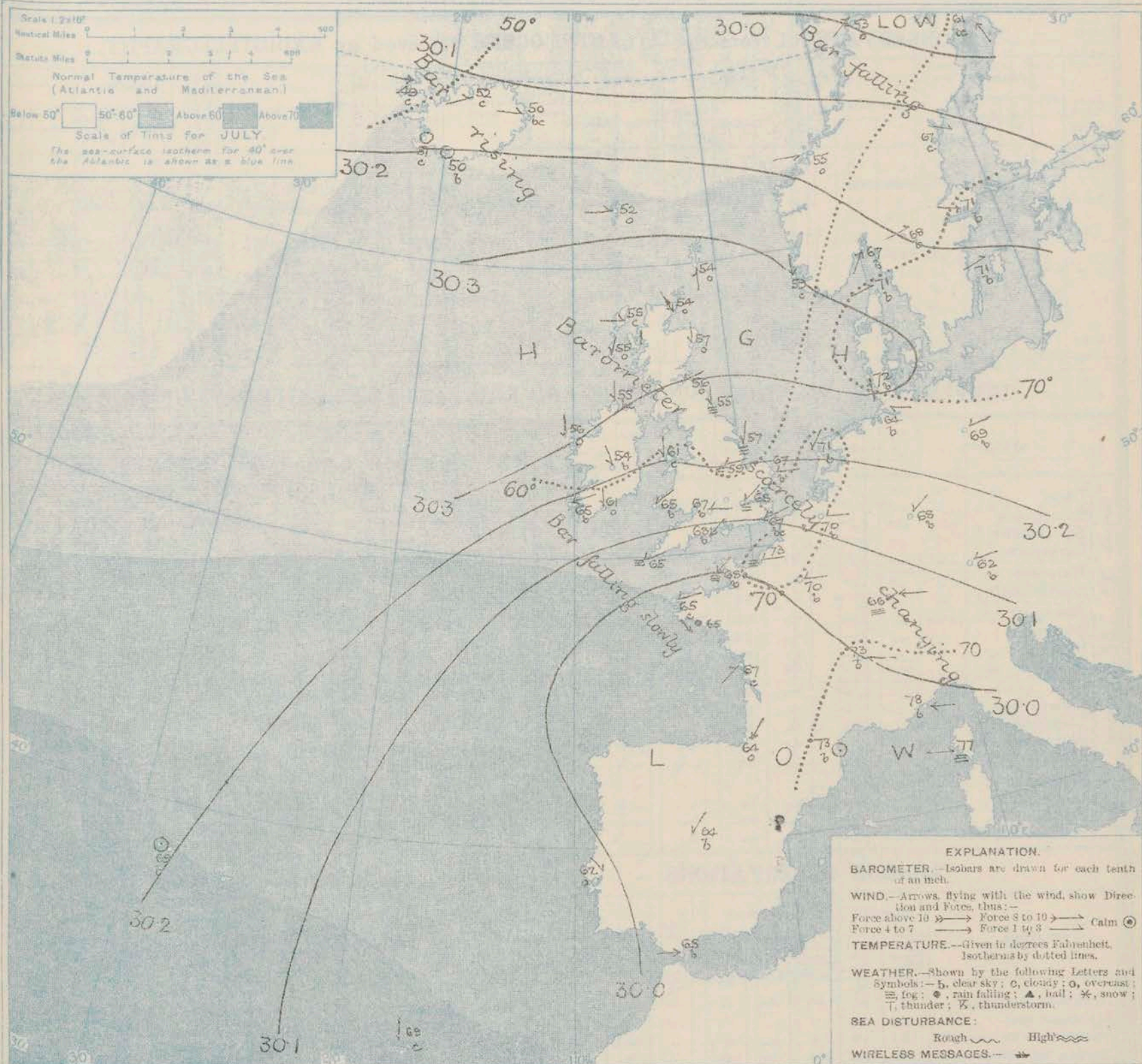
Northerly or North-easterly winds, light or moderate; fine, then becoming thundery locally; sea slight or smooth.

THE FURTHER OUTLOOK. Districts 0-4, 6 & 7 and 9 & 10.

Similar conditions continuing.

SYNOPTIC CHART FOR 7 A.M.

TUESDAY 16th JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.3 in. in an anticyclone extending from the Atlantic across the north-west and north of these islands and the North Sea to Denmark; below 30 in. in the extreme north of Scandinavia and also over the Bay of Biscay and the greater part of France.

The wind is light to moderate from North or North-East in almost all parts of these islands, and their immediate neighbourhood, but to the northward of Scotland there is a Westerly current, which blows with the force of a high wind at Rodø. A slight cyclonic

circulation is shown over Brittany. Temperature has undergone no material change in the United Kingdom, and ranges from 74° at Dover, and about 70° at some other south-eastern stations to 55° at North Shields, and to 54° in the north-east of Scotland and in some parts of Ireland. The sky is cloudy or overcast in Scotland, but over nearly all parts of Ireland and England it is almost cloudless. Much fog, however, prevails on the north-east coast of England. Over the greater part of our Continental area the weather is fine and bright, but cloud prevails on the west coast of Norway, and rain at Lorient.

DAILY WEATHER REPORT.

Tuesday, 16th July, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WRA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WRA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
16th, 7a.	49	9	Menominee	H	30.18	+0.3	NE	4-5	b										
15th, 6pm.	48	13		H	30.28	.00	NE	4-5	0	15th, 7a.m.	49	22	Mauretania	O	30.25	-.06	S	4-5	bc
" "	50	18	Franconia	H	30.24	-.01	SE	1-3	b	" "	49	19	Manitou	O	30.36	.00	SW	1-3	0
" 7am	49	22		H	30.16	-.02	SE	1-3	bc	" "	48	17	Menominee	H	30.26	-.03	NE	4-5	w

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban ...	In.	65	48	bc.c.	bc.	9.1	England, S.E.	Ramsgate ...	In.	78	62	b	b	12.5
	Stonehaven ...	-	67	55	bc	bcg	4.2		Margate ...	-	78	62	b	b	12.6
	St. Andrews ...	-	67	55	bc	bcg	4.2		Deal ...	-	78	58	b.b.m.	bc.b.m.	13.0
	Carnoustie ...	-	62	55	b.c.	c.	0.4		Littlestone ...	-	78	58	b.b.m.	bc.b.m.	12.3
Eng., N.E.	Harrogate ...	-	79	55	b	bc.b	11.5	England, S.E.	Folkestone ...	-	83	68	b	bc.b.	12.5
	Scarborough ...	-	63	52	of	c.b.f	3.1		Hastings ...	-	84	66	b	b	12.9
England, N.W.	Blackpool ...	-	70	55	bm	bm	9.8	England, S.E.	Bexhill-on-Sea ...	-	85	68	b	b	12.3
	Southport ...	-	70	55	bc.b.	bcg	9.0		Eastbourne ...	-	80	61	b	b	13.0
	Buxton ...	-	81	54	b	b	12.5		Seaford ...	-	86	61	b	b	12.6
	Douglas ...	-	75	58	bg	bg	11.0		Brighton ...	-	84	65	b	b	12.2
Wales.	Rhyl ...	-	69	54	b	b	11.5	England, S.W.	Worthing ...	-	83	64	b	b	12.4
	Colwyn Bay ...	-	70	57	b	b	7.0		Bognor ...	-	84	64	b	b	13.0
	Llandudno ...	-	72	58	b	bc	10.7		Southsea ...	-	89	62	b	b	12.7
	Bettws y-Coed ...	-	75	54	b	b	11.7		Bournemouth ...	-	84	65	b	b	12.5
England, E.	Aberystwyth ...	-	68	59	c.b.	b	11.5	England, S.W.	Weymouth ...	-	82	63	b	bc	12.0
	Skegness ...	-	69	63	b	b	12.6		Teignmouth ...	-	80	64	b	b	11.8
	Lowestoft ...	-	74	62	b	b	12.5		Torquay ...	-	80	65	b	b	11.8
	Felixstowe ...	-	74	62	b	b	12.5		Paignton ...	-	79	63	b	b	10.9
	Southend-on-Sea ...	-	83	64	b	b	12.5		Weston-super-Mare ...	-	88	62	b	b	11.0

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.				Rain- fall.	WEATHER.			Sun- shine for Yester- day.	STATIONS.	RAIN- FALL..	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.	Fore- noon.		After- noon.	Night.	Max.				Min.	Min. on Grass.	Night.	Fore- noon.	After- noon.		
			Max.	Min.																
																			24 HOURS ENDED 9 A.M. TO-DAY.	
Greenwich (Royal Obs.) ...	% 35	% 59	87	59	47	-	b	b	by	13.4	Dublin to 4 p.m.	-	73	55	52	b	b	b	11.9	
City (Bunhill Row) ...	"	"	"	"	"	"	"	"	"	13.1	Plymouth to 9 p.m.	-	84	62	57	bcg	b.f.	b	10.6	
Westminster (St. James's Pk.)	36	75	85	64	57	-	bc.b	b	b	13.2	Darwen "	-	82	60	56	bmw	b	b	4.9	
Camden Sq. (Brit. Rainfall)	35	60	90	62	56	-	b	b	b	10.7	Manchester "	-	84	57	"	b	bc	b		
Hampstead (Reservoir) ...	"	61	85	61	50	-	b	b	b	14.0	Birmingham "	-								
24 HOURS ENDED 6 P.M. YESTERDAY.										Night.	Fore- noon.	After- noon.								
South Kensington ...			86	65	55	-	bb.b	by	b	13.5										
" " (Roof of M.O.)	33	56	87	67	"	"	"	"	"											

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

16th & 17th July, 1912.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	3.49	11.59	8.8
	3.50	11.59	8.7
Greenwich ...	4.3	12.6	8.9
	4.4	12.6	8.8
Wick ...	3.33	12.18	9.2
	3.34	12.18	9.1
Valencia ...	4.40	12.47	8.53
	4.41	12.47	8.52

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 89° at Southsea, to 90° at Camden Square (London), and to above 80° over a large area in England. At all the Scottish stations the thermometer remained below 70°. The minima of the night were very high in the south and east of England; 63° at Great Yarmouth, and 65° at Bletton-on-Sea. Rain has fallen in some parts of Norway, and an inch at Lorient, but generally the conditions have been dry. Much fog has prevailed on the north-east coast of England but bright sunshine was again very prevalent over the United Kingdom as a whole.

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

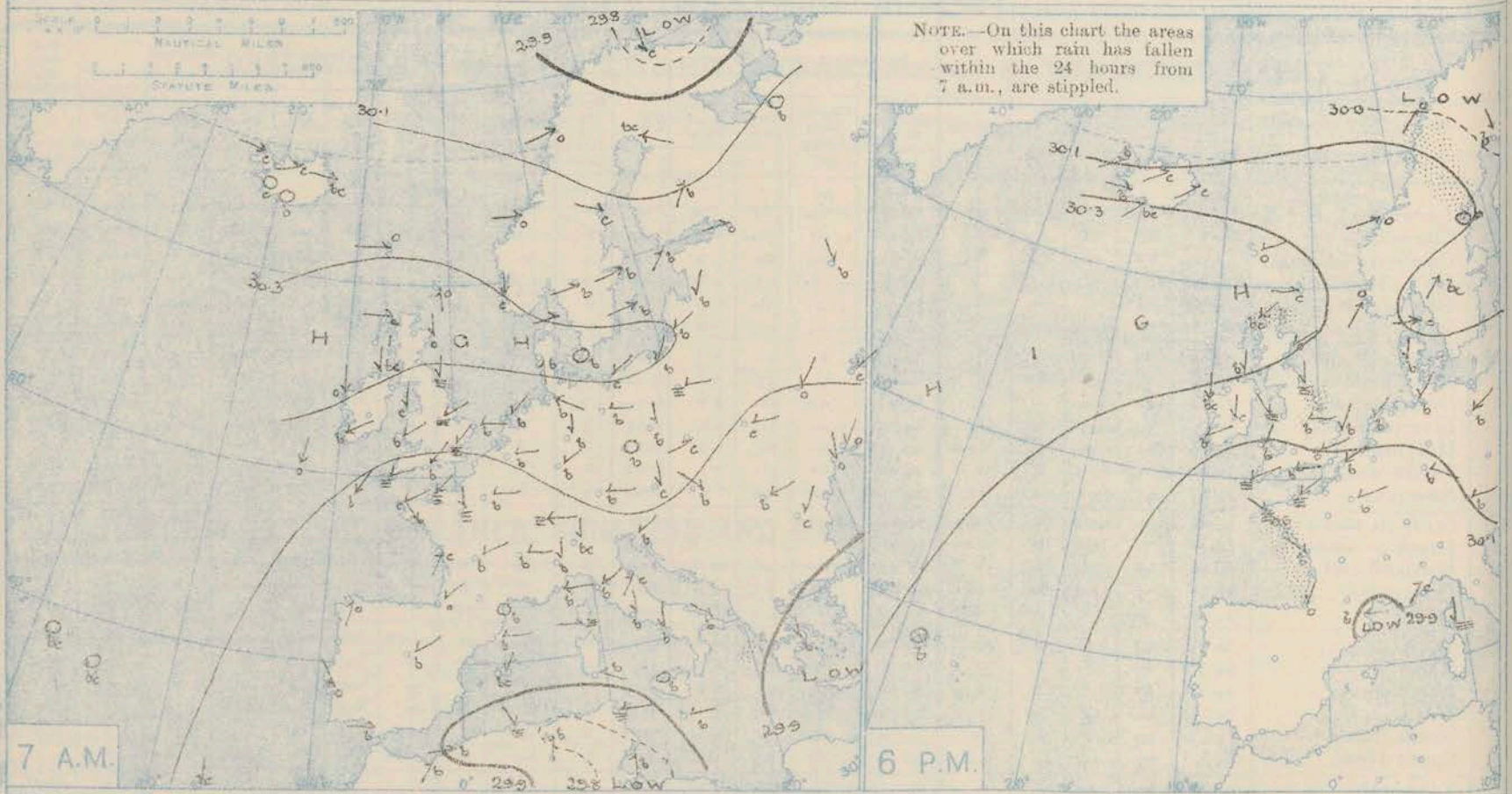
The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,
17th July, 1912.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
				At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.		Dir.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.				Dir.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
		In.	°				In.	°						In.	°	°				Hours				
BRITISH ISLANDS.	Lerwick	30.33	56	W	2	c	30.28	-0.04	52	-2	W	3	bc	2	-	59	46	bc	bc	bc	1.1			
	Sornoway	30.37	57	NE	4	bc	30.35	-0.01	54	-1	NE	2	bc	2	0.02	58	45	c. adp.	abc	bc	8.2			
	Castlebay (Barra Isd.)	30.33	58	NNW	4	bc	30.32	0.00	53	-2	N	4	c	3	-	61	50	abc	abc	bc	8.2			
	Malin Head	30.30	57	N	3	b	30.28	-0.01	53	-2	N	4	ogm	4	-	58	52	bc	bc	bc	8.2			
	Blacksod Point	30.28	59	N	5	bc	30.29	+0.01	56	0	N	5	0	4	-	59	55	bc	bc	bc	8.2			
	Valencia	30.14	72	ENE	3	b	30.17	+0.01	62	-3	E	2	6	3	-	75	60	bc	bc	bc	13.3			
	Rocha's Point	30.14	70	N	1	b2	30.16	0.00	60	-1	N	3	b	2	-	76	58	bc	bc	bc	7.6			
	Birr Castle	30.17	73	N	3	c	30.22	0.00	55	+1	NNW	2	0	2	-	74	51	bc	bc	bc	7.6			
	Donaghadee	30.21	59	NW	4	c	30.24	0.00	56	+2	NNW	2	0	2	-	61	54	bc	bc	bc	7.6			
	Liverpool Obsy.	30.13	69	NNW	1	b	30.17	+0.01	62	-2	ESE	3	b	1	-	75	59	bc	bc	bc	11.1			
	Holyhead	30.16	60	NNW	2	cm	30.16	+0.01	59	-2	NE	3	f	2	-	64	56	bc	bc	bc	10.0			
	Pembroke (St. Ann's Hd.)	30.08	71	NNE	3	b	30.09	-0.01	64	-1	NNE	2	b	2	-	72	61	bc	bc	bc	12.4			
	Newquay	30.01	77	E	2	b2	30.01	0.00	68	0	NE	3	bc	2	-	82	61	bc	bc	bc	12.4			
	Scilly (St. Mary's)	30.02	66	ENE	2	bc	30.01	-0.02	61	-4	NE	2	cm	3	-	70	58	bc	bc	bc	12.5			
	Jersey (St. Aubin)	29.96	77	NE	4	bc	29.95	0.00	66	-2	NE	3	cm	4	-	82	57	bc	bc	bc	12.3			
Portland Bill	30.02	68	E	4	b	30.01	0.00	67	-1	NE	5	b	4	-	74	63	b	b	b	12.3				
Dungeness	30.01	72	ENE	4	bc	30.00	0.00	67	0	NE	3	b	3	-	75	62	b	b	b	12.5				
Dover	30.06	71	NE	5	b	30.04	0.00	65	-9	NNE	4	b	4	-	82	60	b	b	b	12.5				
ICELAND & FAEROE.	Wick	30.36	53	-	0	c	30.33	-0.02	51	-3	-	0	c	1	0.02	55	47	c. comp	cm	cm	0.2			
	Nairn	30.33	57	E	1	0	30.33	0.00	53	-2	E	2	0	2	-	62	50	c	0	c	0.2			
	Aberdeen	30.31	57	NE	3	0	30.30	-0.01	55	-2	NNE	2	0	2	-	60	52	0	0	0	0.2			
	Leith	30.26	60	E	3	0	30.28	0.00	55	-1	NE	2	0	2	-	63	54	0	0	0	0.2			
	North Shields	30.25	57	N	3	fe	30.25	0.00	56	+1	NNE	3	d	3	0.02	59	53	f	f	f	0.2			
	Spurn Head	30.18	59	NNE	4	m	30.18	0.00	59	+2	N	5	m	4	Trace	66	54	bc	bc	f. sm	0.2			
	Yarmouth	30.13	67	NNE	3	b	30.12	0.00	60	-7	N	4	f	3	-	71	58	b	b	b. of	12.8			
	Clacton-on-Sea	30.09	74	NE	3	b	30.06	-0.00	64	-6	NNE	4	bc	2	-	74	61	bc	bc	b. of	13.1			
	Nottingham	30.13	75	E	3	b	30.18	0.00	58	-1	NE	3	0	2	-	82	56	ac. b	b	b	9.1			
	Bath	30.05	83	E	1	b	30.10	0.00	63	-4	E	3	b	2	-	86	60	-	-	-	11.5			
SCANDINAVIA.	Oxford	30.09	74	E	2	b	30.12	0.00	61	-5	NNE	4	b	2	-	85	56	b	b	b	12.5			
	London (Kew Obsy.)	30.07	80	ENE	3	b	30.09	+0.02	62	-6	NNE	3	bc	2	-	84	60	b	b	b. bc	12.5			
	Isafjord	30.06	64	SW	3	b	30.13	0.00	52	+3	-	0	b	2	-	68	50	-	-	-	0.2			
	Reykjavik	30.23	59	W	3	b	30.20	0.00	52	+1	SW	1	bc	2	-	68	50	-	-	-	0.2			
	Vestmanna	30.30	56	SW	2	bc	30.23	0.00	49	-1	W	5	c	0	-	68	50	-	-	-	0.2			
	Seydisfjord	30.12	61	SW	3	c	30.09	+0.02	58	+8	SW	3	c	0	-	68	50	-	-	-	0.2			
	Thorshavn	30.34	53	ENE	2	0	30.22	-0.04	50	-2	N	3	0	2	-	68	50	-	-	-	0.2			
	Haparanda	29.98	59	NNW	4	b	29.95	0.00	57	-4	N	2	b	2	-	68	50	-	-	-	0.2			
	Hernösand	30.11	60	-	0	0	30.11	-0.01	53	-14	-	0	0	2	0.04	70	52	-	-	-	0.2			
	Stockholm	30.05	69	SW	2	bc	30.04	-0.01	64	-7	NNE	4	0	2	-	84	61	-	-	-	0.2			
GERMANY, &c.	Wisby	30.10	67	S	2	b	30.06	0.00	72	+1	WSW	2	b	2	-	77	61	-	-	-	0.2			
	Karlstad	30.06	70	SW	4	bc	30.04	0.00	64	-4	E	4	0	2	-	79	61	-	-	-	0.2			
	Færder (Xiania Fjord)	30.08	68	SSW	4	0	30.06	+0.01	63	-4	N	5	bc	2	-	79	61	-	-	-	0.2			
	Bodö	29.99	50	SW	7	0	30.05	+0.04	50	-3	WSW	7	0	2	0.16	53	48	-	-	-	0.2			
	Christiansund	30.25	54	WSW	4	0	30.21	-0.02	51	-4	-	0	0	2	-	55	50	-	-	-	0.2			
	Skudesnaes	30.22	58	SW	6	0	30.17	-0.02	57	-2	NNW	6	b	2	-	61	52	-	-	-	0.2			
	The Scaw (Skagen)	30.14	65	W	4	c	30.07	-0.01	66	-5	W	3	b	1	-	77	59	-	-	-	0.2			
	Blaavands Huk	30.19	68	NNE	1	b	30.14	-0.02	68	-4	NNE	1	b	1	-	75	54	-	-	-	0.2			
	Cuxhaven	30.15	72	NE	2	b	30.09	-0.02	67	+3	SE	2	b	2	-	75	63	-	-	-	0.2			
	The Helder	30.12	73	NE	3	b	30.08	-0.01	71	0	NE	2	b	2	-	77	70	-	-	-	0.2			
FRANCE.	Brussels	30.02	74	ENE	3	b	30.02	-0.01	73	+3	ENE	1	b	2	-	86	64	-	-	-	0.2			
	Berlin	30.13	77	NE	4	b	30.10	-0.01	70	+1	SE	1	b	2	-	81	61	-	-	-	0.2			
	Frankfurt	30.07	72	SE	1	b	30.06	-0.01	67	-1	NE	1	b	2	-	84	59	-	-	-	0.2			
	Munich	30.10	63	E	2	b	30.06	-0.01	62	0	E	3	b	2	-	73	50	-	-	-	0.2			
	C. Gris Nez	30.03	70	NE	4	b	30.01	+0.01	66	-6	NE	4	m	2	-	77	64	-	-	-	0.2			
	La Hève	29.99	73	E	1	m	29.95	0.00	71	-2	E	2	m	1	-	90	64	-	-	-	0.2			
	Brest (St. Mathieu)	29.98	69	NNW	1	m	29.97	0.00	63	-2	ENE	4	th	2	0.59	77	59	-	-	-	0.2			
	Lorient (Bec Melen)	29.95	66	W	4	bc	29.91	0.00	66	+1	W	1	0	2	0.04	75	61	-	-	-	0.2			
	Rochefort (Ile d' Aix)	29.91	68	NW	3	b	29.88	0.00	67	0	N	3	0	2	0.24	77	64	-	-	-	0.2			
	Biarritz	29.93	68	NNE	2	p	29.97	0.00	64	0	WSW	4	0	3	0.12	72	61	-	-	-	0.2			
SPAIN, PORTUGAL, &c.	Paris	29.95	83	ENE	2	b	29.94	-0.01	66	-4	ENE	2	0	2	-	87	61	-	-	-	0.2			
	Belfort	29.95	75	SW	1	c	29.95	0.00	78	0	-	0	b	0	-	88	68	-	-	-	0.2			
	Nice	29.89	74	E	2	b	29.93	+0.03	72	-1	-	0	0	2	-	83	65	-	-	-	0.2			
	Perpignan	29.89	74	E	2	b	29.93	+0.03	72	-1	-	0	0	2	-	83	65	-	-	-	0.2			
	Sanguinaire	29.92	75	N	2	m	29.92	0.00	75	-2	S	1	m	1	-	81	64	-	-	-	0.2			
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)	30.27	71	-	0	b	30.29	+0.01	70	+1	-	0	b	0	-	79	66	-	-	-	0.2			

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



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The fine dry weather seems likely to continue over the United Kingdom generally, but owing to some modification in the

relative positions of the high and low pressures the wind current will be more northerly than of late.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

0 { a } Wind between North West and North East, light or moderate; fair or fine; moderate temperature.

1 { Northerly or North Easterly winds light or moderate, fresh locally; mostly fair or fine, some fog or mist on coast; temperature rather low.

2 { a } Northerly or North Easterly winds light to fresh; mostly fair to bright, but mist or fog at times on coast; warm inland.

3 { Northerly or North Easterly winds, light or moderate, fresh at times locally; fine; temperature less high than recently in most localities.

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.

WARNINGS ISSUED.

6 { a } Northerly winds, light; fine; moderately warm.

7 { a } Northerly and North Easterly winds, light or moderate; fine; temperature rather high.

8 { a } Northerly and North Easterly winds, light to fresh; fine; moderate temperature.

9 { a } Northerly and North Easterly winds, light to fresh; fine; moderate temperature.

10 { a } Northerly and North Easterly winds, light to fresh; fine; moderate temperature.

11 { a } Northerly and North Easterly winds, light to fresh; fine; moderate temperature.

11 { b } Northerly and North Easterly winds, light to fresh; fine; moderate temperature.

11 WESTERN CHANNEL AND BAY.

Northerly winds, light to fresh; mostly fair, thunder locally; sea slight.

THE FURTHER OUTLOOK. (All Districts)

Dry weather will continue.

WEDNESDAY, 17TH JULY 1912.



The wind is westerly in Shetland and to the northward of that island, but mainly northerly over the North Sea and the greater part of the United Kingdom. On the south coast and over the Channel, however, it draws into the

North-Eastward. It blows a fresh breeze in one or two localities, and a high wind at Godø. Temperature has fallen over Scandinavia, Denmark and the greater part of these islands, and also in the north of France. Over this country it ranges from 68° at Newquay to 53° at Malin Head, Castlebay and Glenties, and to 51° at Wick. The sky is still cloudy or overcast in Scotland and also in some parts of Ireland, and mist or fog continues along the east and north-east coasts of England. In most other regions the weather is fair to bright, but a thunderstorm is reported at Bristol & the sky is overcast at many other English stations.

DAILY WEATHER REPORT.

Wednesday, 17th July, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
16th. Tues.	50	12	Montreal	O	30.16	+0.01	NNE	4-5	0										
" "	49	"	Minnehaha	O	30.16	+0.04	N	4-5	0										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	—	68	47	c.b.c.	b.c.b.	9.6	England, S.E.	Ramsgate	—	75	63	b	b	12.5
	Stonehaven	—	70	52	c.b.	b.c.c.	9.1		Margate	—	75	62	b	b.c.m.	12.0
	St. Andrews	—	63	54	b.c.	c.	6.2		Deal	—	75	62	b	b.c.m.	12.5
	Carnoustie	—	63	54	b.c.	c.	6.2		Littlestone	—	82	68	b.c.c.	b	12.0
Eng. N.E.	Harrogate	—	75	54	c.b.	b.c.	9.1	England, S.W.	Folkestone	—	84	65	b	b	12.5
	Scarborough	—	61	52	ogf	ogf	0.0		Hastings	—	83	67	b	b	12.0
	Blackpool	—	80	57	b.m.	b.c.m.	11.3		Bexhill-on-Sea	—	77	62	b.c.	b.c.	13.0
	Southport	—	78	56	b	b.c.	10.0		Eastbourne	—	86	64	b	b	12.0
England, N.W.	Buxton	—	78	50	b	b	11.7	England, S.W.	Seaford	—	85	66	b	b	11.6
	Douglas	—	75	58	b.c.	b.c.	11.5		Brighton	—	84	65	b	b	11.9
	Rhyl	—	77	57	b.c.	b	12.2		Worthing	—	85	65	b	b	12.8
	Colwyn Bay	—	72	56	b	b	11.0		Bognor	—	85	65	b	b	12.5
Wales.	Llandudno	—	74	62	b	b	11.1	England, S.W.	Southsea	—	83	61	b.c.	b.c.	12.5
	Bettws y-Coed	—	82	58	b	b	12.0		Bournemouth	—	83	65	b.c.	b.c.	12.5
	Aberystwyth	—	69	62	c.b.	b	10.7		Weymouth	—	79	63	b	b	12.4
	Skegness	—	74	63	b	b	12.2		Teignmouth	—	80	65	b	b	12.3
England, E.	Lowestoft	—	72	66	b	b	12.5		Torquay	—	76	61	b	b	11.7
	Felixstowe	—	72	66	b	b	12.5		Paignton	—	86	61	b	b	12.0
	Southend-on-Sea	—	83	63	b	b	12.0		Weston-super-Mare	—	86	61	b	b	12.0
		—								—					

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.				
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.		Min. on Grass.	Night.	Fore-noon.	After-noon.		
			Max.	Min.									Max.	Min.						
24 HOURS ENDED 9 A.M. TO-DAY.																				
Greenwich (Royal Obs.) ...	%	%	87	59	52	-	b	b	b	Hr. 12.8	Dublin to 4 p.m.	-	71	54	53	b.c.m.	c.m.b.	b		
City (Bunhill Row) ...	*	*	85	61	56	*	*	b	b	11.8	Plymouth to 2 p.m.	-	83	64	54	b.c.	b.c.	b.c.		
Westminster (St. James's Pk.)	38	75	85	61	56	-	b	b	b	12.1	Darwen "	-	80	58	52	b.c.	b.c.	b.c.		
Camden Sq. (Brit. Rainfall)	37	65	89	60	55	-	b	b	b	10.5	Manchester "	-								
Hampstead (Reservoir) ...	.	72	84	58	49	-	b	b	b	13.1	Birmingham "	-	80	58	51	b	b	b	
24 HOURS ENDED 6 P.M. YESTERDAY.																				
South Kensington ...	*	*	86	64	57	-	b.c.	b	b	12.0										
" " (Roof of M.O.)	36	67	85	65	*	*	b.c.	b	b											

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

17th & 18th July, 1912.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.50	12.59	8.7
	3.51	12.59	8.6
Greenwich	4.4	12.6	8.8
	4.5	12.6	8.7
Wick	3.34	12.18	9.1
	3.35	12.18	9.0
Valencia	4.41	12.47	8.52
	4.42	12.47	8.51

NOTES ON YESTERDAY'S WEATHER.

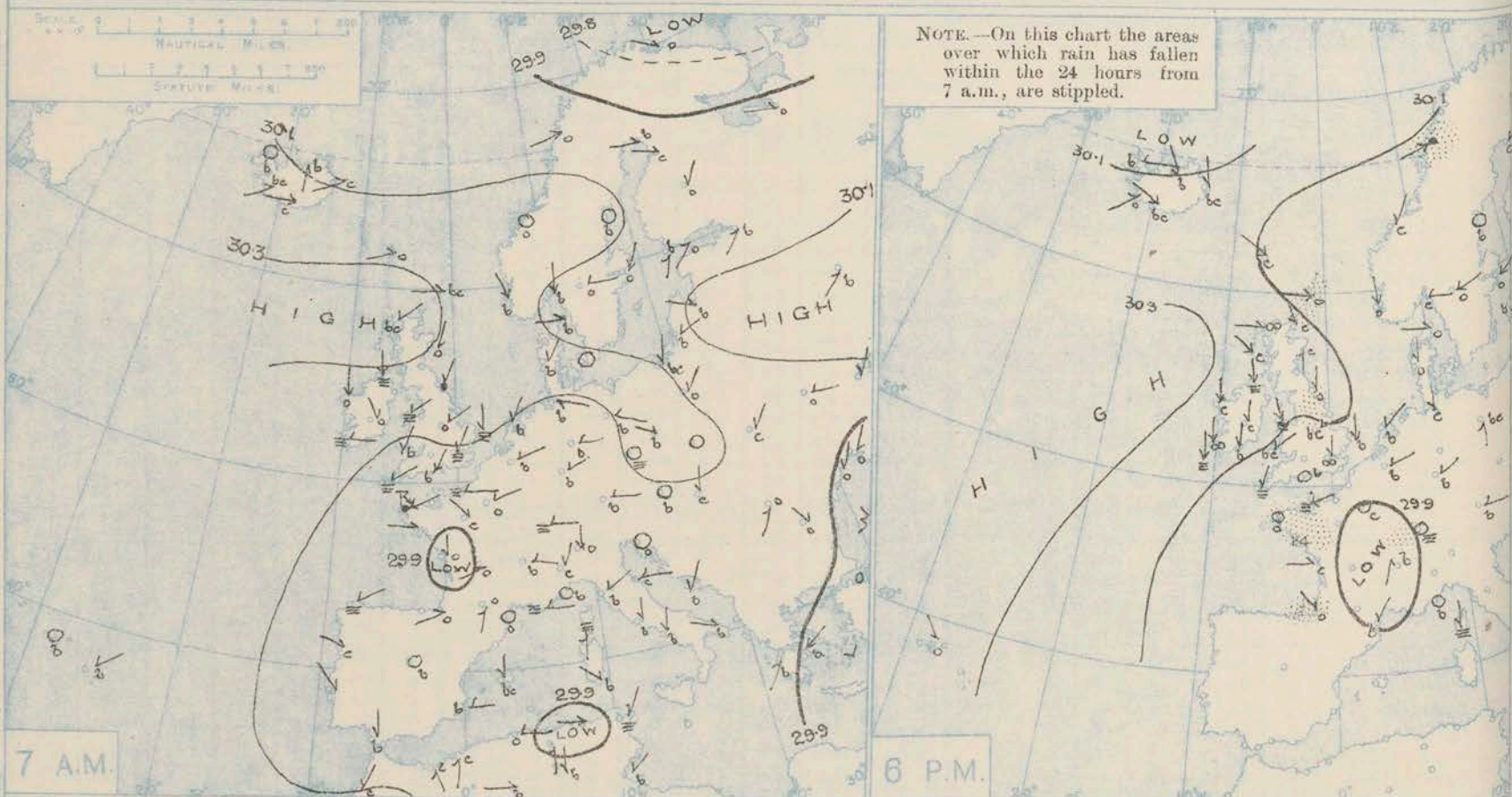
During yesterday temperature rose to 85° or a little higher at many places in the south of England, but only touched 59° at South Shields, and 55° at Wick. During the night the minima were about 60° over a large area in the south-west, south and south-east of these Islands. Much bright sunshine was recorded generally, but the day was very cloudy in the east of Scotland, and misty or foggy on the north-east coast of England. The weather has been dry generally, but at Brest there has been 0.6 in. of 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; 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 *Chartis*.

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



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

It appears probable that the slight fall of the barometer which is now in progress will be superseded by a rise

before the ensuing twenty-four hours have elapsed.

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

0 {
a } Wind mainly Northerly, light
b } or moderate; mostly fair, some
1 } slight local showers; rather
cool.

2 {
a } Wind mainly Northerly,
b } light or moderate; mostly fair,
3 } but much cloud, some slight
local showers on coast;
moderately low temperature.

4 {
a } Wind mainly Northerly or
b } North Easterly, light or
5 } moderate; fair generally, but
a good deal of cloud; temperature
much lower than of late.

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.

WARNINGS
ISSUED.

6 {
a } Wind mainly Northerly
b }
7 {
a } light or moderate, fresh
b } locally; fair or fine
8 {
a } generally; temperature
b }
9 {
a } moderately low.
b }

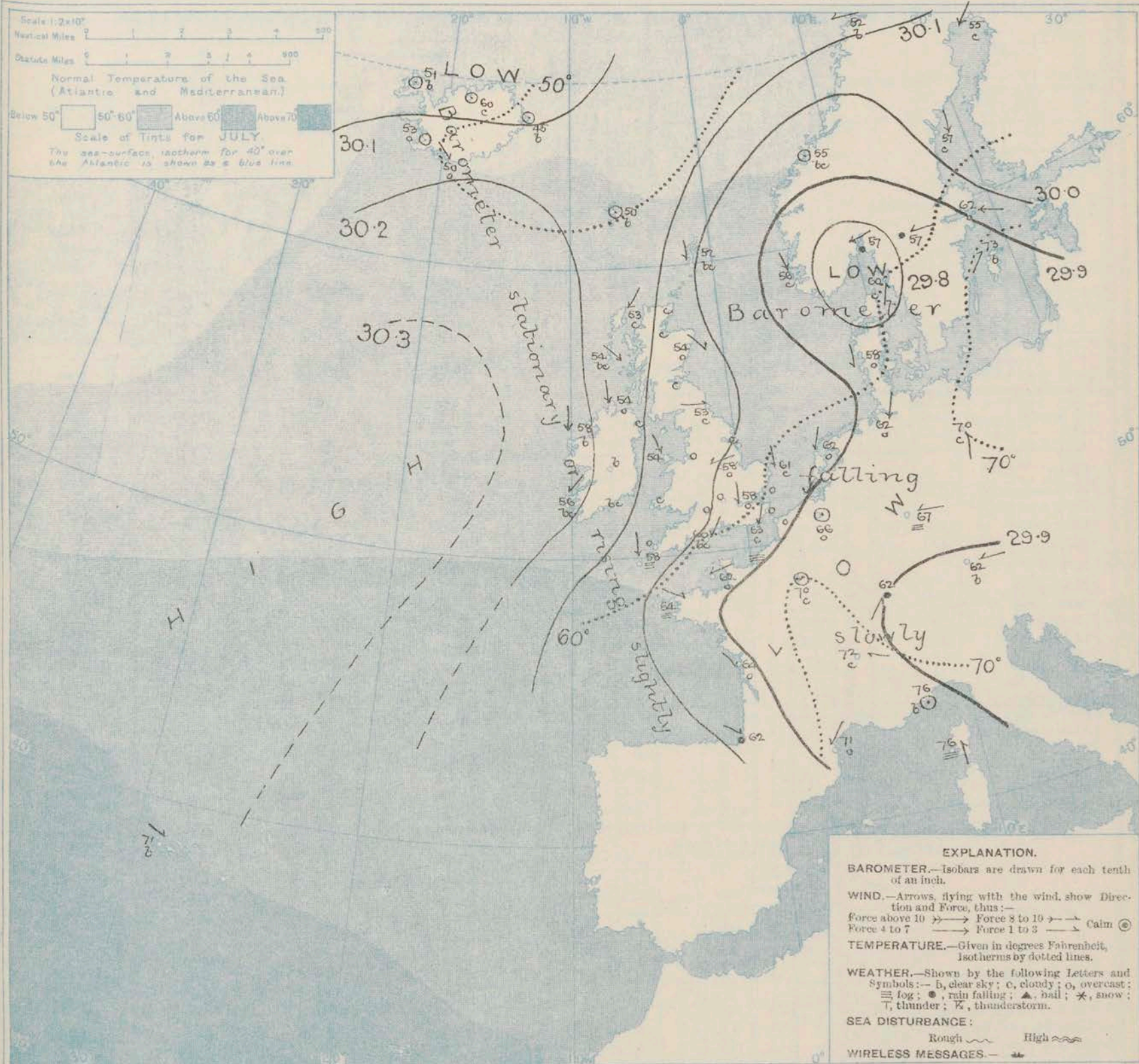
11 WESTERN CHANNEL AND BAY.

Wind between North East and North West, light or moderate sea slight, mostly fair, some haze.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M.

THURSDAY, 18TH JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A depression, with the barometer below 29.8 in., has appeared over the Skagerrack and its neighbourhood. The highest pressure, 30.3 in. and upwards, is found in the Azores region; it is above 30.2 in. in the west of Ireland. The barometer is relatively low over France, the Netherlands and Germany.

The wind is mainly northerly over the United Kingdom and the surrounding regions; light or moderate generally, but fresh in a few localities. In the south of Sweden it blows into the eastward. Temperature has again fallen over the greater part of our area. Over

these islands it ranges from 63° at Dungeness, and about 60° at some other southern and south-eastern stations to 52° at Birn Castle, and in the north-east of Scotland. The weather has become cloudy or overcast over the major portion of England and the nearer regions of the Continent, but in Ireland and the Hebrides the weather remains fair to bright. Rain is falling at some stations in the south of Scandinavia, and also at Biaritz and Belfast.

DAILY WEATHER REPORT.

Thursday, 18th July, 1912.

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.	51	10	Arabie	0	?	?	N	4-5	w										

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 ...	0.02	66	56	pc. bc. b	c. b. bc	4.8	England, S.E. Ramsgate ...	In.					5.1
Stonehaven ...	-	64	53	bc	bc. c	1.4	Margate ...	-	66	61	bm.	m	2.0
St. Andrews ...	-						Deal ...	-	68	61	bc. c	au	2.5
Carnoustie ...	-	59	54	o. bc	bc.	1.5	Littlestone ...	-					12.1
England, N.E. Harrogate ...	-	60	54	o	o	0.0	Folkestone ...	-	76	63	b. bc	b. bc	12.3
Scarborough ...	-	66	55	o. cf	o. cf	1.5	Hastings ...	-	78	63	b	b	12.5
England, N.W. Blackpool ...	-	72	58	bm.	o	4.2	Bexhill-on-Sea ...	-	79	65	b	b	12.5
Southport ...	-	73	57	bc. b	cy. o	6.2	Eastbourne ...	-	79	63	bu	bu	12.0
Buxton ...	-	73	54	bc	bc. bc	9.1	Seaford ...	-	82	61	b	b	12.3
Douglas ...	-	65	58	c. bc. g	bc. b	6.0	Brighton ...	-	83	65	b	b	12.0
Wales. Rhyl ...	-	75	55	b	o	6.5	Worthing ...	-	83	64	b	b	12.2
Colwyn Bay ...	-	73	58	b	by	5.5	Bognor ...	-	*	*	*	*	12.4
Llandudno ...	-	69	60	by	by	5.8	Southsea ...	-	83	65	b	b	12.6
Bettws y-Coed ...	-	78	55	b	b	7.0	Bournemouth ...	-	81	61	b	b	12.4
Aberystwyth ...	-	79	64	b	b	12.0	Weymouth ...	-	82	64	b	bc	12.2
England, E. Skegness ...	-						Teignmouth ...	-	77	66	b	b	12.5
Lowestoft ...	-	65	59	cf	c. bc	4.5	Torquay ...	-	80	66	b	b	12.3
Felixstowe ...	-	75	60	b	b	12.3	Paignton ...	-					
Southend-on-Sea ...	-	80	62	b	b	12.0	Weston-super-Mare ...	-	77	60	b	b	12.5

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				Max.	Min.	Min. on Grass.	Night.	Fore-noon.	After-noon.	
			Max.	Min.															
24 HOURS ENDED 9 A.M. TO-DAY.																			
Greenwich (Royal Obs.) ...	%	%	84	56	46	-	b	b	b.c	12.4	Dublin to 4 p.m.	-	66	59	56	bm	o	c.o	12.0
City (Banhill Row) ...	%	%	*	*	*	*	*	*	*	12.0	Plymouth to 9 p.m.	-	82	?	56	bcg	bcg	bcg	12.0
Westminster (St. James's Pk.)	54	84	82	58	53	-	bc	bc	bc	12.7	Darwen	-	70	55	52	b	cmr.	cg	6.3
Camden Sq. (Brit. Rainfall)	47	77	85	56	52	-	b	b	bc.o	10.5	Manchester	-	74	58	*	b	bc.o	o	8.2
Hampstead (Reservoir) ...	*	81	80	49	34	-	bc	bc	bc.o	12.7	Birmingham	-							
24 HOURS ENDED 6 P.M. YESTERDAY.																			
South Kensington ...	*	*	83	61	56	-	b	b	b.b.c	12.4									
„ (Roof of M.O.)	51	77	81	62	*	*	b	b	b.b.c	12.4									

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

18th-19th July, 1912.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	{ 3.51	11.59	8.6
	{ 3.52	11.59	8.5
Greenwich ...	{ 4.5	12.6	8.7
	{ 4.7	12.6	8.6
Wick ...	{ 3.35	12.18	9.0
	{ 3.37	12.18	8.9
Valencia ...	{ 4.42	12.47	8.51
	{ 4.44	12.47	8.50

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 80° or a little above at some places in the south of England. The night was cooler than of late in England and Ireland. Slight showers have fallen at Limerick, and in a few scattered localities elsewhere, and thunder has occurred at Jersey. Bright sunshine was not so general as of late, but a large number of stations in the south and south-west of England, and Aberystwyth, recorded more than 11 hours, several more than 12 hours, and Weston-super-Mare more than 13 hours. As much as 1.44 in. of rain has fallen at Limerick.

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; a. 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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1912.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

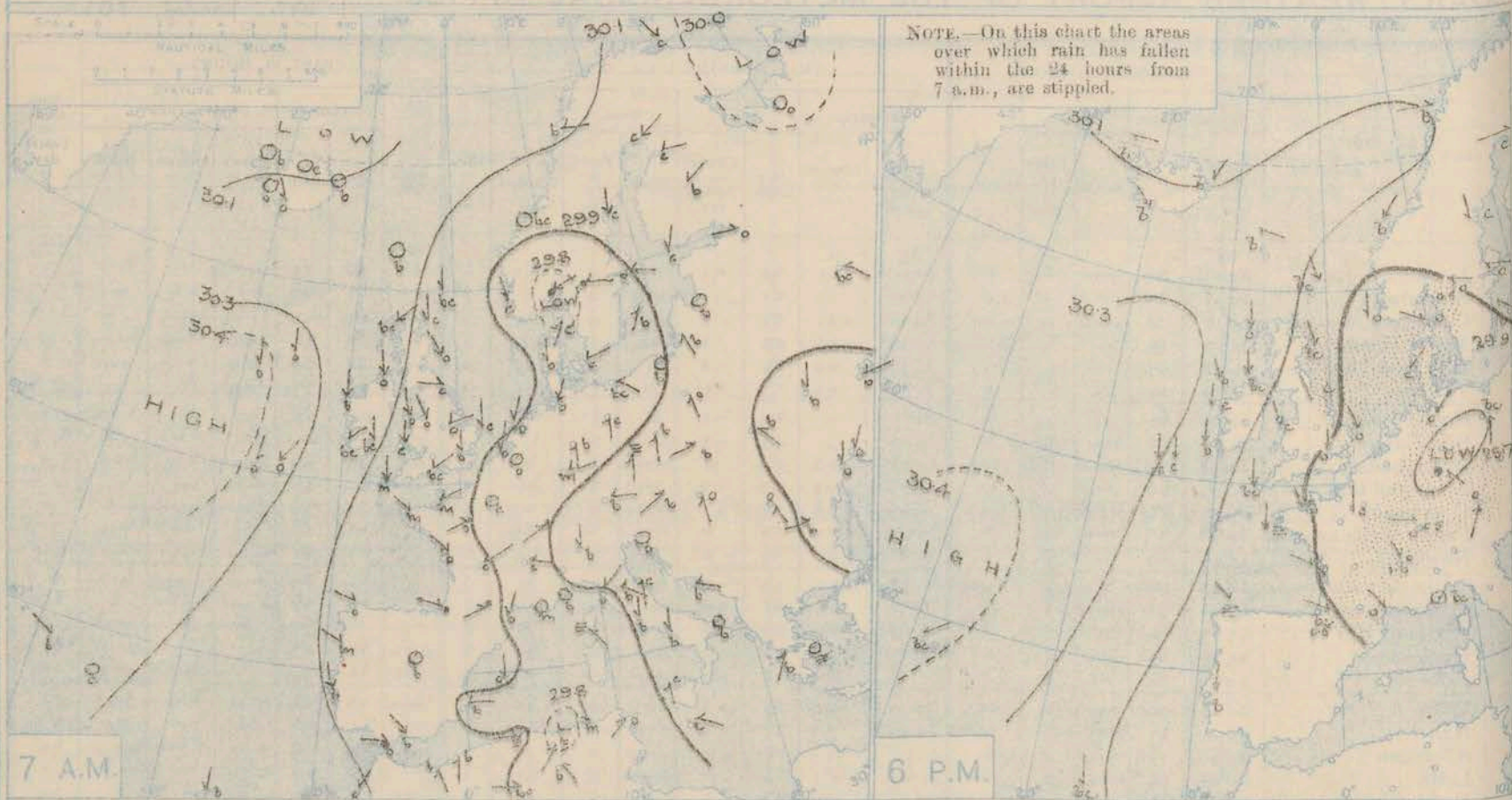
Friday
19th July, 1912.

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° Fabr. and M.S.L. Lat. 45°.	Dry Bulb.				Dirac.	Force (0 to 12).				At 32° Fabr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.		Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	"	"	"	"	In.	"	"	"	"	"	In.	"	"	"	"	"	"	Hours.			
BRITISH ISLANDS.	Lerwick	30.07	54	NNW	5	bc	30.07	+0.1	53	+1	NNW	4	bc	3	-	55	50	cm	bc	bc	7.6		
	Stornoway	30.18	54	N	4	o	30.21	0.00	52	-1	NNE	3	c	3	-	58	49	c	c.o	c.o	13.6		
	Castlebay (Barra Isd.)	30.18	55	NNW	4	c	30.18	+0.1	51	-3	NNE	4	b	3	-	57	48	bc. lq	bc. c	c. b	*		
	Malin Head	30.15	55	N	6	bcqm	30.15	0.00	52	-2	N	5	bcq	3	-	57	51	bcu	bcu	bcu	*		
	Blacksod Point	30.23	57	N	5	c	30.21	0.00	56	-2	N	4	o	3	-	58	53	bcq	bcq	om	*		
	Valencia	30.19	59	N	6	b	30.18	0.00	57	+1	N	3	bc	4	-	65	54	bcq	b	bc	12.9		
	Roche's Point	30.09	66	N	4	b	30.15	*	54	-1	N	3	bc	2	-	69	52	bc	b	b bc	*		
	Birr Castle	30.11	65	NW	5	b	30.13	*	49	-3	NW	2	b	*	-	66	44	c	b	b	9.7		
	Donaghadee	30.08	53	NNW	5	m	30.08	-0.02	54	0	NNW	3	b	2	-	59	49	bcq	bcq	bcq	4.6		
	Liverpool Obsy.	29.99	60	NW	4	bc	30.00	-0.02	55	-2	NW	3	bc	3	-	64	51	o.c	bc	bc	*		
	Holyhead	30.03	56	NNW	7	cm	30.04	0.00	55	+1	NNW	4	c	3	-	58	54	cm	cm	cm	*		
	Pembroke (St. Ann's Hd.)	30.02	57	NNE	4	b	30.05	+0.02	55	0	NNW	4	cgq	3	-	61	52	cg	cg	bcq	7.7		
	Newquay	29.99	59	N	5	b	30.03	+0.02	57	-2	N	2	bc	3	-	60	56	cg. o.c	bz	b bc	6.3		
	Scilly (St. Mary's)	30.03	59	N	4	bcu	30.06	+0.02	57	-1	NNE	3	b	3	-	64	54	bcu	bcu	bcu	8.7		
	Jersey (St. Aubin)	29.90	65	NNW	3	m	29.98	*	58	-4	N	3	b	3	-	69	56	o.cu	o.cu	b	6.2		
	Portland Bill	29.89	64	W	1	b	29.98	+0.02	55	-5	NNE	2	b	2	-	68	50	b	b	bc. b	*		
	Dungeness	29.85	62	NE	3	c	29.85	+0.01	54	-9	NW	3	bc	2	0.12	68	47	c	c	o.c	*		
	Dover	29.87	61	NE	2	o	29.86	*	51	-11	NW	4	c	2	0.08	66	50	o.c. o	o.c. o	o.c	3.5		
	Wick	30.10	54	NE	3	bc	30.09	-0.01	53	+1	?	4	bc	4	Trace	55	46	cm	bcq	bc	*		
	Nairn	30.11	57	NNE	2	c	30.13	*	52	0	NNE	3	bc	2	-	61	48	q	c	c	3.2		
Aberdeen	30.05	55	NNW	5	bc	30.03	+0.01	52	-2	NNW	5	o	3	Trace	59	50	o.c	c. bcq	bcq. o	6.1			
Leith	30.05	59	NNE	2	bc	30.04	-0.01	54	0	NNW	2	bc	*	-	63	48	c. bc	bc	bc. b.	*			
North Shields	30.01	56	NNW	3	c	29.95	-0.01	52	-1	N	5	r	5	0.01	59	49	c	o	r	3.0			
Spern Head	29.92	56	NNW	6	c	29.81	-0.01	53	-7	NW	7	fg	6	0.12	63	50	cg	cg	cg/p	*			
Yarmouth	29.89	58	NNW	4	o	29.77	-0.06	55	-6	NNW	3	r	2	0.16	67	55	bc	bc. q	bc. om	4.5			
Clacton-on-Sea	29.86	63	S	1	o	29.84	-0.03	52	-8	NNW	4	o	2	-	68	42	o.c	c. o	o. q	1.0			
Nottingham	29.95	59	NE	4	c	29.91	*	54	-4	NNW	4	om	*	-	65	49	cg	o.c	c. b	1.1			
Bath	29.93	64	N	4	bc	30.00	*	54	-5	NNW	1	b	*	-	71	45	-	-	-	5.2			
Oxford	29.96	58	NNE	2	o	29.95	*	54	-5	NNW	4	b	*	-	69	46	o	o	c	*			
London (Kew Obsy.)	29.89	60	N	4	ogw	29.93	0.00	52	-6	NW	3	o	*	-	69	47	om. o	o.c. ogu	og. o. b.	1.5			
GALES.																							
Duration and Extreme Force on British Coasts.																							
ICELAND & FAEROE.	Isafjord	30.10	56	E	2	b	30.12	0.00	52	+1	-	o	bc	*	*	*	*	*	*	*			
	Reykjavik	30.18	57	W	1	c	30.12	-0.01	52	-1	W	1	o	*	*	*	*	*	*	*			
	Vestmanna	30.19	53	NW	4	b	30.16	-0.01	50	0	NNW	4	o	0	*	*	*	*	*	*			
	Seydisfjord	30.10	64	NE	3	b	30.13	+0.01	45	0	-	0	f	*	*	*	*	*	*	*			
	Thorshavn	30.21	60	ESE	1	b	30.17	-0.01	49	-1	WSW	3	c	*	*	*	*	*	*	*			
SCANDINAVIA.	Haparanda	30.06	55	W	2	c	29.98	-0.02	60	+5	W	4	b	*	-	66	52						
	Hernösand	30.06	58	N	2	c	30.11	0.00	63	+6	N	2	b	*	-	63	54						
	Stockholm	29.95	64	E	2	o	29.99	+0.01	68	+6	NE	4	b	*	-	72	59						
	Wisby	29.91	67	SE	2	b	29.93	+0.01	74	+1	NNE	2	b	*	-	79	61						
	Karlstad	29.90	62	E	4	o	30.01	+0.04	63	+6	ENE	4	o	0.53	64	57							
	Färder (X'ania Fiord)	29.84	64	NE	5	o	29.95	+0.03	65	+8	NE	6	bc	3	0.16	64	57						
	Bodö	30.10	53	W	1	b	30.03	+0.01	53	+1	W	4	bc	2	-	54	48						
	Christiansund	30.02	59	NE	4	b	30.07	+0.02	57	+2	NE	1	b	1	-	64	54						
	Skudesnaes	29.80	62	N	2	o	29.95	+0.02	62	+6	N	4	c	2	0.04	63	56						
The Scaw (Skagen)	29.80	60	NNW	1	o	29.84	+0.01	65	+5	ENE	4	o	1	0.28	66	57							
Blaavands Huk	29.78	55	NE	1	c	29.72	-0.01	58	0	E	1	o	1	0.28	61	52							
GERMANY, &c.	Cuxhaven	29.75	58	NE	3	o	29.69	+0.01	59	-3	N	2	o	*	0.51	66	57						
	The Helder	29.80	61	NW	3	c	29.71	-0.02	59	-3	NNE	1	bc	1	-	63	57						
	Brussels	29.78	60	NW	1	o	29.76	-0.01	57	-9	E	1	o	*	-	69	52						
	Berlin	29.69	77	S	2	bc	29.66	-0.01	70	0	SE	3	bc	*	-	84	64						
	Frankfurt	29.69	67	SW	3	r	29.61	+0.01	59	-8	NE	3	r	*	0.39	88	59						
	Munich	29.76	62	SSW	4	o	29.63	-0.02	65	+3	W	2	c	*	0.12	77	57						
FRANCE.	C. Gris Nez	29.89	61	NE	4	c	29.85	+0.01	55	-6	NW	5	c	3	-	68	54						
	La Hève	29.89	61	NNE	3	o	29.91	*	55	-6	N	4	bc	3	-	70	52						
	Brest (St. Mathieu)	29.98	61	N	4	m	30.03	+0.02	64	0	NNE	2	bc	2	-	73	61						
	Lorient (Bec Melet)	29.85	70	N	3	bc	29.93	*	59	-5	NE	5	b	3	-	75	54						
	Rochefort (Ile d'Aix)	29.89	68	NNW	3	o	29.97	*	63	-1	NNE	3	o	*	-	65	61						
	Biarritz	29.97	66	NNW	3	bc	29.95	*	63	+1	WSW	4	r	3	0.51	66	62						
SPAIN, PORTUGAL, &c.	Paris	29.79	69	N	4	o	29.84	+0.03	57	-13	N	3	o	*	Trace	78	55						
	Belfort	29.77	66	W	2	o	29.65	*	61	-1	W	3	r	*	0.51	84	59						
	Lyons	29.75	73	NNW	1	o	29.76	*	62	-10	NNW	3	r	*	0.95	87	61						
	Nice	29.78	72	-	0	c	29.65	-0.02	69	-7	E	2	c	2	-	82	64						
	Perpignan	29.85	70	NW	3	o	29.88	+0.02	65	-3	NW	3	b	*	0.12	80	63						
	Sanguinaire	29.82	75	W	3	m	29.82	*	73	-3	SE	2	m	2	-	81	64						
Corunna (8 a.m.)	30.04	65	NW	1	f	30.07	0.00	61	-1	N	3	f	6	-	66	57							
Lisbon (9 a.m.)	29.99	65	N	4	o	29.99	+0.03	64	-1	W	3	o	2	-	73	63							
Gibraltar	29.91	66	W	3	b	29.92	*	65	-1	W	2	bc	*	-	*	*							
Azores (P. Delgada)						30.00	+0.01	72	+1	NNE	3	c	3	-	79	70							
Azores (Horta)	30.01	72	NE	2	b	30.00	+0.01	72	+1	NNE	3	c	3	-	79	70							
Madeira (Funchal)	30.12	69	N	2	bc	30.11	+0.02	70	0	N	2	o	2	-	72	59							

* 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. 18TH JULY.



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

A depression over Germany will cause some rain in our extreme eastern districts, but its influence is unlikely to extend appreciably

further to the Westward. Little change is anticipated in the general conditions over the country

FORECASTS FOR THE 24 HOURS NOON FRIDAY

TO NOON SATURDAY

0 {
1 {

Moderate Northerly winds, fair as a whole, occasional passing showers; cool.

2 {
3 {

Moderate to fresh winds from between North-West and North-East; fair as a whole, occasional light showers; cool.

4 {
5 {

Same as Nos. 6 to 10. Moderate North-Westerly to North-Easterly winds, fresh at times; mainly fair, occasional light rain; cool.

FORECAST DISTRICTS.



*STORM WARNINGS.

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

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

NO
WARNINGS
ISSUED.

6 {
7 {
8 {
9 {
10 {

Moderate Northerly winds, fresh at times; fair generally; cool.

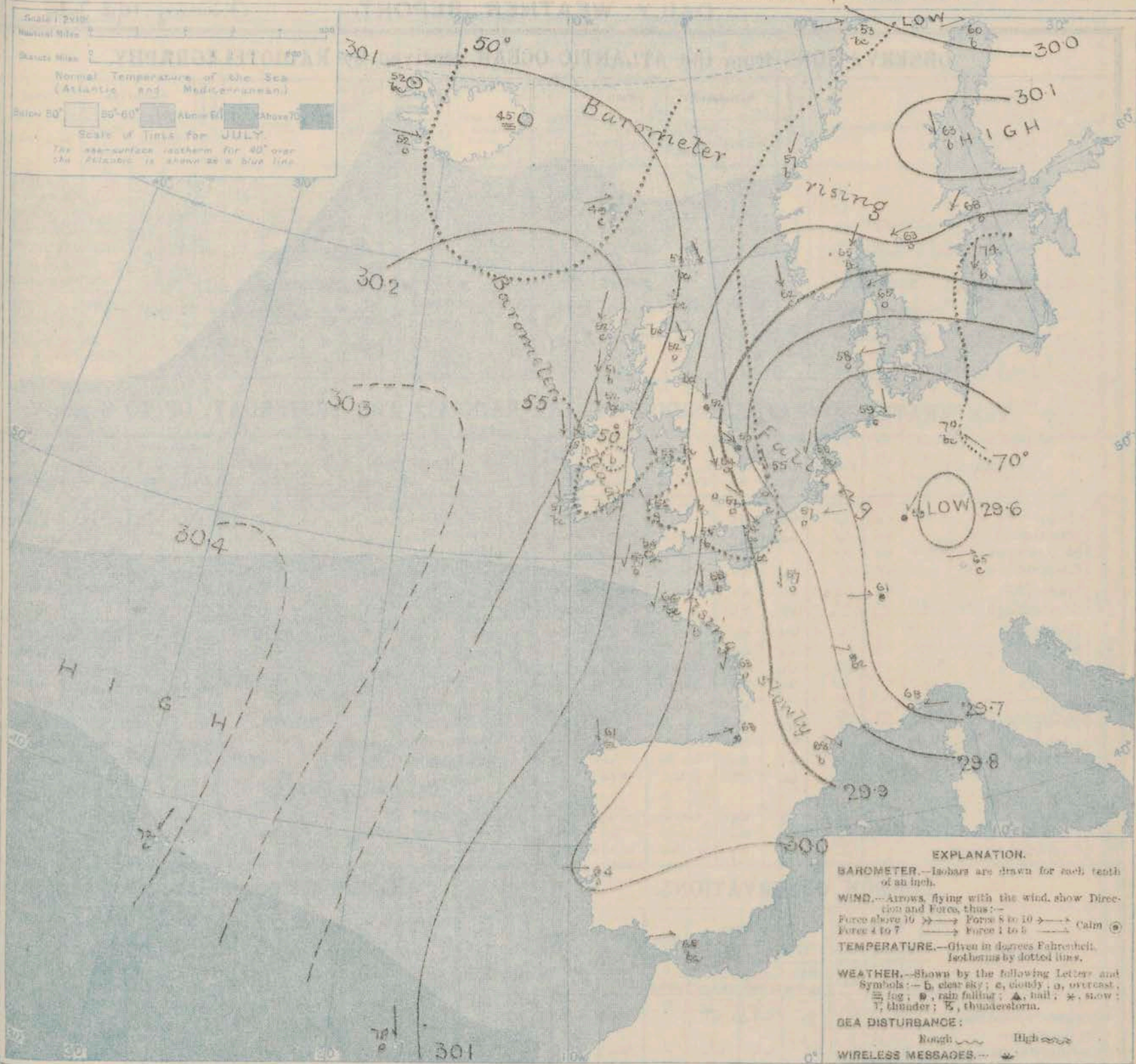
11 WESTERN CHANNEL AND BAY.

Moderate Northerly winds, fresh at times; fair generally; cool.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M.

FRIDAY, 19TH JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An anticyclone, with readings above 30.2 in. lies to the westward of Ireland, and a depression, with values about 29.6 in., over Germany. A second high pressure system is shown over the Gulf of Bothnia.

The wind is generally northerly (North-Northerly to North-Easterly) over our islands, France and the North Sea area. In force it is generally moderate, but it is blowing strongly on our east coast. Temperature is generally low. The morning readings range from 49° in the centre of Ireland

to 58° in the Channel Islands. High temperatures still prevail in the east of the Continental part of our area; Berlin reports 70° and Wisby 74°. The weather is fair, though cloudy, over the greater part of the country, but rain is falling from North Shields to Great Yarmouth. The sea is rather rough on the North-East coast of England, moderate or slight elsewhere.

DAILY WEATHER REPORT.

Friday, 19th July, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
18th, 6 p.m.	50	13	Ascania	O	30.33	+0.6	N	6-7	c	18th, 7 a.m.	50	15	Arabic	O	30.33	+0.4	NNE	4-5	o
" "	55	11	Lake Champlain	H	30.25	-15	NNW	4-5	o	" "	56	15	Lake Champlain	H	30.32	-10	N	1-3	o
" "	50	14	Bedric	H	30.30	-01	N	4-5	c	" "	58	18	Bedric	H	30.39	-02	NNE	1-3	o
" "	55	10	Empress of Ireland	H	30.27	-11	NNW	4-5	c	" "	55	17	Empress of Ireland	H	30.43	-01	N	1-3	o
" 1 p.m.	50	14	Sicilian	O	30.37	+0.4	NNE	4-5	bc										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.					Hr.	England, S.E.		In.					Hr.
Oban ...		-	63	51	b	b	12.5	Ramsgate ...		-	67	60	b.o	o	3.0
Stonehaven ...		-	60	50	c.bc	c	5.5	Margate ...		-	67	60	b.o	bc.o	2.5
St. Andrews ...		-	60	51	b	b	3.6	Deal ...		-	68	60	b.o	bc.o	2.7
Carnoustie ...		-	60	51	b	b	3.6	Littlestone ...		-	67	59	bc.o	bc.c	2.8
England, N.E.		0.05	61	53	c.bc.c	bc.c.bc	5.1	Folkestone ...		-	67	59	bc.o	bc.c	1.9
Harrogate ...		-	62	54	o.c	o.c	3.1	Hastings ...		-	69	59	o.c	c.o	3.0
Scarborough ...		-	62	54	o.c	o.c	3.1	Bexhill-on-Sea ...		-	70	60	bc.c.o	o.bc.o	4.6
England, N.W.		0.03	65	56	c	c	8.0	Eastbourne ...		-	70	58	bc.c.o	o.bc.o	3.9
Blackpool ...		-	65	57	bc.o.b.	bc.	8.8	Seaford ...		-	76	57	bc	bc.o	4.4
Southport ...		-	62	55	bc	bc	6.1	Brighton ...		-	73	58	c.bc.c	c.o	4.4
Buxton ...		-	59	50	cq	cq	6.8	Worthing ...		-	72	58	c	b	4.8
Douglas ...		-	?	55	bc.o	bc	5.2	Bognor ...		-	74	58	c	bc.c	2.5
Wales.		-	62	55	c.bc.b.	b	2.7	Southsea ...		-	71	58	c	bc.c	2.5
Rhyl ...		-	63	54	c	b	5.0	Bournemouth ...		-	74	56	o.c	o	4.9
Colwyn Bay ...		-	65	54	bc.b	b	6.2	Weymouth ...		-	73	57	o.bc	bc	2.8
Llandudno ...		-	66	57	c.b.	c.o	9.2	Teignmouth ...		-	74	60	bc.c	bc.b	4.3
Bettws y-Coed ...		-	63	59	c.o	c.o	4.7	Torquay ...		-	69	60	bc	b	4.4
Aberystwyth ...		-	67	56	o	o	1.4	Paignton ...		-	70	60	bc	bc.b	4.4
England, E.		-	70	57	o.c.bc	b.c.o	1.2	Weston-super-Mare ...		-	72	55	o.bc.	bc	5.5
Skegness ...		-													
Lowestoft ...		-													
Felixstowe ...		-													
Southend-on-Sea ...		-													

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.			Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.	
	%	%	Max.	Min.					
Greenwich (Royal Obsy.) ...	55	70	73	48	41	-	o.c.	c.o	1.3
City (Hunhill Row) ...	55	70	73	48	41	-	o.c.	c.o	1.3
Westminster (St. James's Pk.)	69	76	71	49	44	-	bc	bc	2.1
Camden Sq. (Brit. Rainfall)	63	68	74	48	45	-	o	bc.o	2.2
Hampstead (Reservoir) ...	?	?	?	45	34	-	b	c	1.8
24 HOURS ENDED 9 A.M. TO-DAY.									
24 HOURS ENDED 6 P.M. YESTERDAY.									
South Kensington ...	62	70	79	57	52	-	o	o.c.cq	1.1
" (Roof of M.O.)	62	70	79	58	52	-	o	o.c.cq	1.1

Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
		In Screen.	Min. on Grass.	Night.	Forenoon.	Afternoon.	
	In.	Max.	Min.				
Dublin to 4 p.m.	-	67	49	47	b.o	c	8.4
Plymouth to 9 p.m.	-	71	57	54	bcq	bcq	5.2
Darwen "	-	66	59	55	cq	cq	3.7
Manchester "	-	64	57	51	o	c.bc.	4.7
Birmingham "	-	63	56	51	o	c	4.7

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

	Sunrise.	Noon.	Sunset.
1912. July. 1912.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.52	11.59	8.5
Greenwich ...	4.7	12.6	8.6
Wick ...	3.57	12.18	8.59
Valencia ...	4.44	12.47	8.50

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature reached or slightly exceeded 70° at a number of our southern stations, but in other parts of the country the maximum temperatures were but little above 60°. Slight rain has fallen along the east coast. The amounts of bright sunshine were generally small, but Oban and Ballybeg reported over 12 hours. 88° was reached yesterday at Frankfurt. Heavy thunder rains occurred locally over France & Germany.

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.

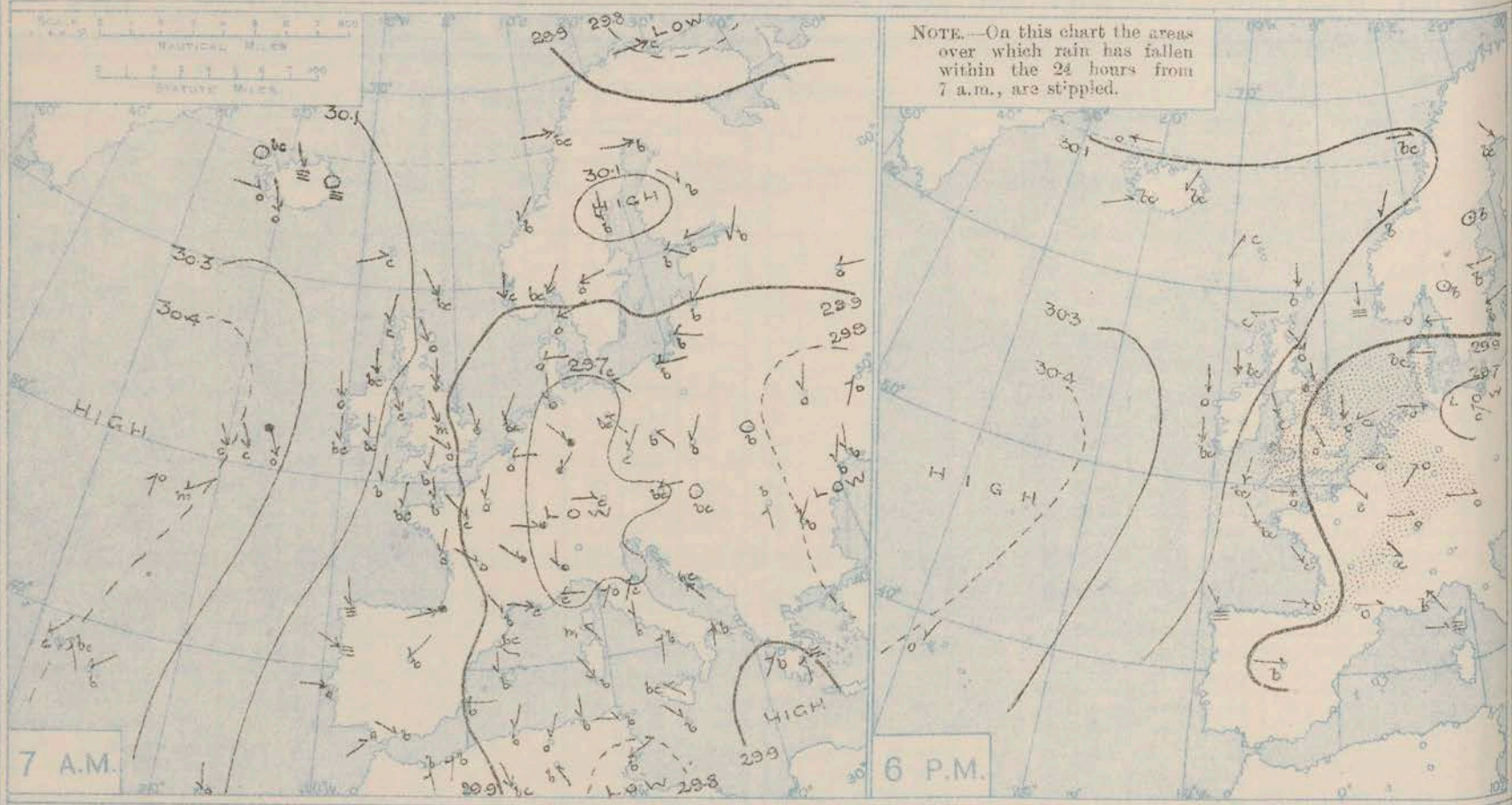
Saturday
20th July, 1912.

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	Rain- fall.	Temp.		Weather.					
			At 32" Fahr. and M.S.L. Lat. 45°.	Dry Bulb.		Dir.	Force (0 to 12).	At 32" Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.			Dir.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	
Lerwick	30.16	55	N	5	b	30.13	-.00	51	-2	N	2	b	1	57	42	b	b	b	7.5		
Stornoway	30.19	55	E	3	c	30.20	+.01	53	+1	N	3	bc	3	58	44	c	c	c. bcq	12.5		
Castlebay (Barra Isd.)	30.17	56	N	4	b	30.17	+.02	52	+1	NNW	4	b	3	58	49	bc	bc b	b. o			
Main Head	30.14	55	N	6	bcq	30.14	-.00	53	+1	N	4	bc	2	56	50	bcq	bcq	bc	*		
Blacksod Point	30.20	58	N	4	o	30.16	-.00	55	-1	N	4	o	3	59	52	om	om	om			
Valencia	30.17	58	N	5	bc	30.14	-.00	55	-2	NNE	2	b	3	62	53	bcq	bc	bc	12.8		
Roche's Point	30.09	65	N	4	bc	30.08	.	54	0	N	4	o	3	67	50	bc	bc	bc b	*		
Birr Castle	30.10	63	NW	5	bc	30.10	.	49	0	NW	1	bc	3	66	43	bc	bc	bc	10.7		
Donaghadee	30.07	58	NW	4	bc	30.07	-.01	55	+1	NW	3	eg	3	60	53	b	bc	c. eg	*		
Liverpool Obsy.	29.97	60	NNW	4	o	29.95	+.02	58	+3	NNE	3	o	2	61	54	b. o	o	o	2.7		
Holyhead	30.02	55	NNW	5	cm	29.96	+.02	58	+3	N	5	o	4	59	56	cm	cm	cm			
Pembroke (St. Ann's Hd.)	30.03	57	NNW	4	b	29.93	-.03	57	+2	NNW	4	egq	4	60	54	egq	bcq	bcq	7.6		
Newquay	30.01	58	NW	6	b	29.91	-.01	57	0	NW	6	o	5	59	56	bc	c. b.	b. o	6.2		
Scilly (St. Mary's)	30.04	58	NNE	4	bc	29.95	-.04	57	0	NNW	6	om	5	62	55	a	bc	b	11.6		
Jersey (St. Aubin)	29.93	61	W	4	ogm	29.86	.	56	-2	WNW	3	ogm	3	65	55	bc. b	bc. ogm	og. om	11.0		
Portland Bill	29.91	60	NNW	4	bc	29.86	+.01	57	+2	NE	1	bc	2	65	54	bc. c	c	c	*		
Dungeness	29.82	55	W	3	o	29.80	+.01	56	+2	NNW	4	c	3	59	50	c. o	d	op. o. c	*		
Dover	29.83	52	NW	3	o	29.82	.	55	+4	NW	2	o	1	56	49	op	op. o	op. o. o	0.5		
Wick	30.15	57	NNE	3	bc	30.15	+.01	53	0	N	2	b	3	58	45	bc	bc	bc. om	*		
Nairn	30.14	60	ENE	2	bc	30.16	.	51	-1	-	0	m	1	62	42	b	b	3	11.7		
Aberdeen	30.10	54	NW	5	o	30.12	+.01	53	+1	NW	4	o	3	58	52	og. o	og. o	og	0.6		
Leith	30.06	61	E	1	bc	30.10	+.01	57	+3	-	0	c	1	62	54	c. o	bc. b.	bc	*		
North Shields	29.96	53	N	4	r	29.99	+.02	53	+1	N	5	o	6	57	48	c. r	c. r	r. o. r	0.2		
Spurn Head	29.86	56	NNW	6	r	29.87	00	57	+4	NNW	2	r	5	61	51	og. o	og. o	og. o. r	*		
Yarmouth	29.79	57	N	4	o	29.81	+.03	59	+4	NNE	2	o	1	63	53	og. bc	bc. o. r	o. r	1.1		
Clacton-on-Sea	29.80	57	WNW	2	op	29.83	+.02	56	+4	WNW	2	o	1	57	51	og. p. d	og. o. g	og. o. g	0.0		
Nottingham	29.87	61	N	4	o	29.87	.	53	-1	W	1	om	1	62	51	o. c. p	o	o	0.1		
Bath	29.93	59	N	1	o	29.89	.	57	+3	NNE	1	o	1	64	53	-	-	-	5.3		
Oxford	29.89	57	NW	2	m	29.90	.	54	0	N	2	o	1	59	50	bc. o	o. r. o	bc. o. o	*		
London (Kew Obsy.)	29.85	58	NW	3	o	29.87	+.03	55	+3	NE	1	o	1	58	52	o. o. r	o. r. d. o	o. r. om	0.0		
Isafjord	30.12	50	E	4	o	30.06	-.01	50	-2	-	0	o	1	66	45	.	.	.			
Reykjavik	30.08	59	W	1	b	30.00	-.00	54	+2	-	0	o	1	68	50	.	.	.			
Vestmanna	30.15	55	WSW	3	bc	30.08	-.00	51	+1	SSW	1	o	1	73	55	.	.	.			
Seydisfjord	30.11	61	NE	3	bc	30.06	-.00	45	0	-	0	o	1	79	59	.	.	.			
Thorshavn	30.16	58	SW	2	c	30.12	-.00	51	+2	W	4	m	1	70	64	.	.	.			
Haparanda	29.92	57	NW	4	bc	30.02	+.04	55	-5	NW	2	b	1	66	45	.	.	.			
Hernösand	30.01	62	-	0	b	30.03	+.03	64	+1	-	0	o	1	68	50	.	.	.			
Stockholm	29.99	64	E	2	b	29.97	00	67	-1	NE	4	b	1	73	55	.	.	.			
Wisby	29.93	66	ENE	4	b	29.93	00	71	-3	ENE	2	b	1	81	61	.	.	.			
Karlstad	29.99	70	-	0	b	30.00	00	68	+5	-	0	o	1	79	59	.	.	.			
Færder (Xania Fiord)	29.97	70	N	4	b	29.99	+.01	65	0	NNE	3	b	1	70	64	.	.	.			
Bodö	30.13	52	W	0	bc	30.16	+.01	50	-3	S	1	b	1	56	45	.	.	.			
Christiansund	30.09	58	NNE	3	b	30.07	-.01	54	-3	NE	2	b	1	63	52	.	.	.			
Skudesnaes	29.97	69	N	2	m	30.01	+.03	67	+5	-	0	m	1	75	61	.	.	.			
The Scaw (Skagen)	29.93	68	E	4	o	29.96	+.03	68	+3	ENE	2	m	0	73	63	.	.	.			
Blaavands Huk	29.79	68	E	3	bc	29.86	+.03	70	+12	E	4	b	2	79	57	.	.	.			
Cuxhaven	29.75	59	W	4	o	29.80	+.02	60	+1	W	3	o	1	61	59	.	.	.			
The Helder	29.76	61	NE	1	c	29.84	+.03	60	+1	WNW	1	o	1	64	54	.	.	.			
Brussels	29.82	53	W	3	o	29.84	+.01	55	-2	-	0	o	1	64	48	.	.	.			
Berlin	29.64	79	SE	2	c	29.77	+.04	59	-11	NW	3	o	1	86	59	.	.	.			
Frankfurt	29.82	59	SW	2	o	29.85	+.02	54	-5	N	1	o	1	68	50	.	.	.			
Munich	29.82	56	W	3	o	29.83	+.01	56	-9	NE	2	o	1	73	54	.	.	.			
C. Gris Nez	29.82	54	WNW	5	r	29.76	+.03	55	0	SE	1	o	2	59	50	.	.	.			
La Hève	29.89	58	NNE	4	r	29.83	.	58	+3	N	3	o	3	66	54	.	.	.			
Brest (St. Mathieu)	30.04	60	NNW	4	bc	29.96	-.01	58	-6	NW	5	o	3	66	55	.	.	.			
Lorient (Bec Melen)	29.95	64	N	4	bc	29.89	.	57	-2	WNW	4	r	4	70	52	.	.	.			
Rochefort (Ile d'Aix)	29.91	68	NW	4	bc	29.93	.	60	-3	NNW	3	o	2	72	57	.	.	.			
Biarritz	29.99	64	W	4	o	29.97	.	63	0	SW	3	c	2	64	61	.	.	.			
Paris	29.87	62	NW	2	o	29.82	00	56	-1	WNW	2	o	1	67	53	.	.	.			
Belfort	29.83	62	W	4	o	29.87	.	52	-9	-	0	o	1	68	48	.	.	.			
Lyons	29.85	67	NW	1	c	29.88	.	57	-5	N	2	c	1	71	54	.	.	.			
Nice	29.57	78	SE	4	b	29.71	+.04	71	+2	-	0	b	2	91	64	.	.	.			
Perpignan	29.85	77	N	3	o	29.90	+.03	65	-3	W	3	o	1	83	63	.	.	.			
Sanguinaire	29.82	75	W	4	m	29.82	.	71	-2	W	4	f	4	77	64	.	.	.			
Corunna (8 a.m.)	30.06	64	NNW	3	f	30.07	00	61	0	NNE	1	f	3	66	55	.	.	.			
Lisbon (9 a.m.)	29.99	64	NW	4	o	30.03	+.04	64	0	N	3	o	2	66	61	.	.	.			
Gibraltar	29.93	66	W	3	b	29.95	.	67	+2	W	3	c	1	.	.	.	.	.
Azores (P. Delgada)																					
Azores (Horta)	30.38	72	NE	1	o	30.36	+.01	71	-1	N	2	o	2	79	70	.	.	.			
Madeira (Funchal)																					

* 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. 19th JULY



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

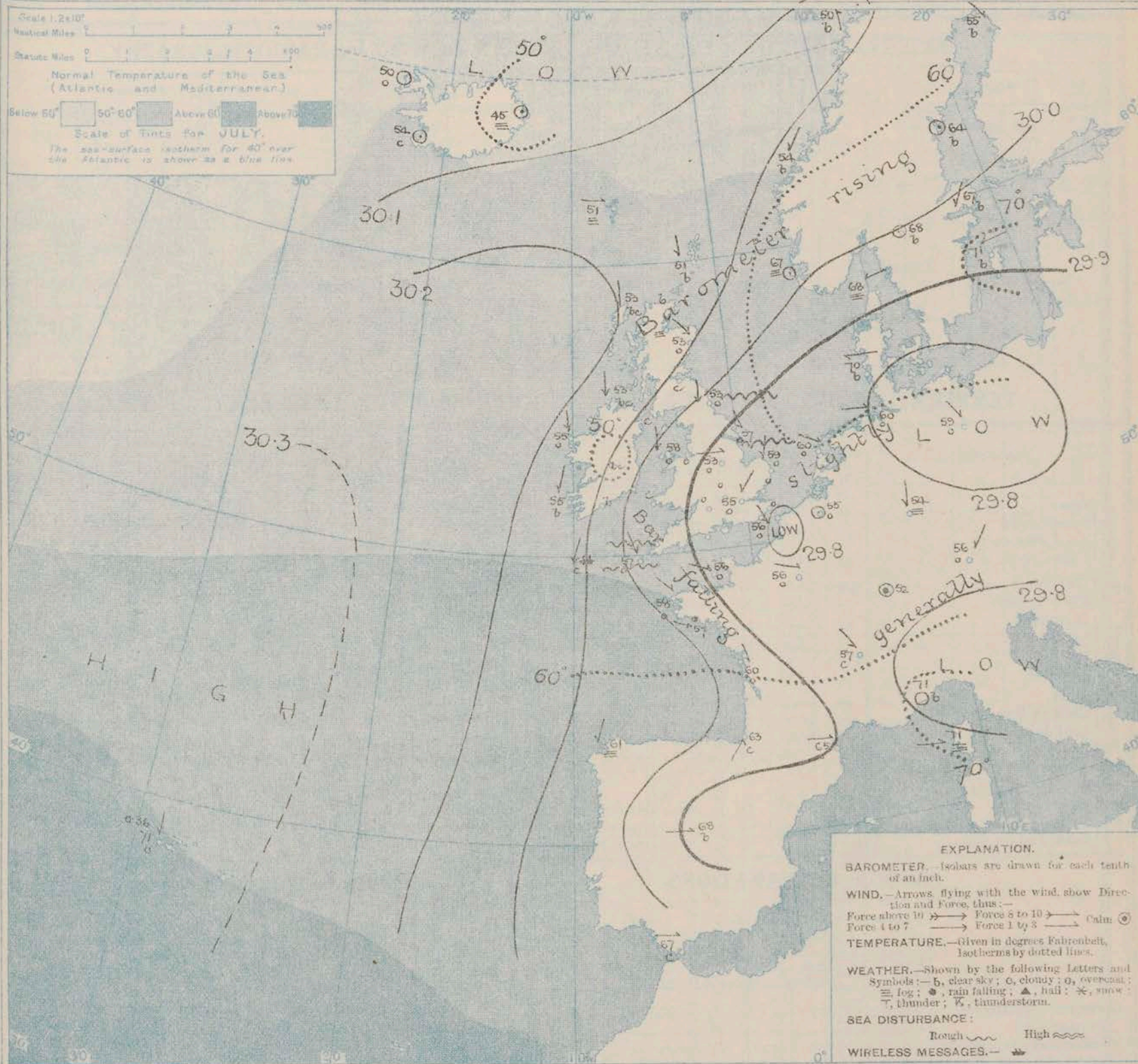
There are no indications of any great change in the relative positions of the high and low pressure systems, and the main wind current over the United Kingdom will consequently continue Northerly.

FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

0 { a } b }		Northerly winds, light or moderate; fair generally; rather cold.	FORECAST DISTRICTS.			6 { a } b }		Wind chiefly Northerly, light or moderate, fresh at times locally; sky variable, overcast at intervals; temperature rather low.
1 { a } b }			STORM WARNINGS.			7 { a } b }		
2 { a } b }			The Coasts upon which the Warning Signals are at present displayed are indicated thus:—			8 { a } b }		
3 { a } b }			Signals hoisted yesterday.			9 { a } b }		
4 { a } b }			Signals hoisted this morning.			10 { a } b }		
5 { a } b }		Wind mainly Northerly, light or moderate; mostly cloudy or overcast, fairer at times; temperature continuing low.	NO WARNINGS ISSUED.		11 WESTERN CHANNEL AND BAY.			
THE FURTHER OUTLOOK.					Northerly and North westerly winds, light to fresh; sea slight or moderate; much cloud, some rain and mist.			

SYNOPTIC CHART FOR 7 A.M.

SATURDAY, 20TH JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.3 in. in the Azores, 30.2 in. off the north-west coast of Scotland, and above 30.1 in. thence to the north of Norway, while the readings decrease to below 29.8 in. in a depression over North Germany.

The main flow of air over the United Kingdom is from the Northward, and over France from the North-Westward, but in Scandinavia and the Baltic region it is mainly North-Easterly, and over the Icelandic region variable. A fresh or strong breeze is reported on some exposed parts of the British coast. Temperature continues low over these islands

and the north and west of France, and has fallen in Germany. The readings range over this country from 58° on the north-west coast of England, and 59° at Great Yarmouth to 51° in the land and at Naim, and to 43° at Bir Castle. The sky is clear or nearly so in Ireland and the extreme north of Scotland, as well as over the greater part of Scandinavia, elsewhere, however, there is much cloud, with rain at Spurn Head and Lorient and mist in some other localities.

DAILY WEATHER REPORT.

Saturday 20th July, 1912.

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, 7am	49	9	Majestic	H	30.12	-0.05	NNE	4-5	c										
19th, 6pm	48	20	Lapland	H	30.40	-0.03	NE	1-3	bc	19th, 7am	50	19	Sicilian	O	30.52	+0.01	NNW	4-5	c
" "	49	16	Majestic	H	30.21	-0.06	ENE	1-3	bc	" "	50	15	Aussonia	H	30.34	-0.04	NNW	4-5	c
" 7am	48	21	Majestic	H	30.41	0.00	ENE	1-3	m	" "	48	24	Lapland	H	30.41	+0.01	SSW	1-3	c
" "	50	18	Olympic	O	30.38	+0.04	NNW	4-5	c										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.					Hr.		In.					Hr.
Oban	—	69	45	b	b	11.0	Ramsgate	0.32	56	53	r	r	0.0
Stonehaven	—	61	49	cy	bc	5.4	Margate	0.16	56	53	r	r	0.0
St. Andrews	—	61	49	cy	bc	5.4	Deal	0.29	57	51	or	or	0.0
Carnoustie	—	66	49	bc.b	b	9.2	Littlestone	—	—	—	—	—	0.7
Harrogate	0.02	60	47	o.c.	bc.c	1.6	Folkestone	0.19	63	50	or.bc	p.c	1.5
Scarborough	—	62	51	or	or	3.5	Hastings	0.24	59	48	o	op	0.6
Blackpool	—	62	49	o.c.	o.c.	3.3	Bexhill-on-Sea	0.14	62	49	o	p.o	0.5
Southport	—	62	50	o.b.c.	o.b.c.	3.6	Eastbourne	0.01	61	49	o.b.c.	o	0.1
Buxton	0.08	59	56	or	bc.o	1.7	Seaford	0.04	62	46	o	or.or	0.6
Douglas	—	63	47	bc	b	10.0	Brighton	0.05	64	48	c.b.c.o	or.o	1.0
Rhyl	—	62	54	bc.o	bc.	4.3	Worthing	0.03	64	46	c	c	2.6
Colwyn Bay	—	62	54	bc.b	bc.	4.5	Bognor	—	—	—	—	—	4.3
Llandudno	—	63	54	bc	b	6.5	Southsea	—	63	49	bc.b.c.	o	6.2
Betiws y-Coed	—	62	55	c.b	c.b	5.3	Bournemouth	—	66	47	bc	bc	7.5
Aberystwyth	—	61	48	c.b.	c.o	6.3	Weymouth	—	67	48	b	bc	8.7
Skegness	—	—	—	—	—	—	Teignmouth	—	66	51	bc	c	10.0
Lowestoft	0.28	60	50	op	o.c.op	1.5	Torquay	—	66	51	bc	bc	9.8
Felixstowe	0.23	68	48	m.op	m.op	0.0	Paignton	—	62	52	bc	bc	8.3
Southend-on-Sea	0.13	58	48	o.c.op	c.o.c	1.3	Weston-super-Mare	—	66	52	b	c.b.c	5.3

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.		WEATHER.			Sun-shine for Yesterday.	
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				Max.	Min.	Min. on Grass.	Night.	Fore-noon.		After-noon.
			Max.	Min.															
Greenwich (Royal Obs.) ...	87	85	58	41	47	0.04	0	0.01	0.01	0.0	Dublin to 4 p.m.	—	66	47	46	b.l	bc	bc	0.0
City (Rushmill Row) ...	...	...	...	...	...	...	...	...	...	0.0	Plymouth to 9 p.m.	...	...	...	...	...	...	...	...
Westminster (St. James's Pk.)	91	82	60	53	47	0.01	0d	0d	0d.6c	0.0	Darwen	0.04	59	43	41	wgr.	c.g	u.c.	1.0
Camden Sq. (Brit. Rainfall)	82	70	61	49	47	0.03	0	0p	0	0.0	Manchester	...	...	...	...	...	...	...	...
Hampstead (Reservoir) ...	...	81	57	49	38	0.06	0p	0	0	0.0	Birmingham	0.03	59	46	39	c.	or.o	oor.	1.1
			24 HOURS ENDED 6 P.M. YESTERDAY.				Night.	Fore-noon.	After-noon.										
South Kensington ...	...	...	63	49	44	0.01	0	or.o	od.o	0.0									
" (Roof of M.O.)	82	78	66	49													

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

20th & 21st July, 1912.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.54	11.59	8.4
	3.56	11.59	8.2
Greenwich	4.8	12.6	8.5
	4.9	12.6	8.3
Wick	3.39	12.18	8.57
	3.41	12.18	8.55
Valencia	4.46	12.47	8.49
	4.47	12.47	8.48

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature remained below 60° in many parts of England and Scotland, but at a few places on our south-west coasts, and also in some Scottish localities it rose to 65° or above. Rain has fallen over the eastern and central districts, as much as 0.4 in. at Nottingham, Great Yarmouth and North Shields. Over the Kingdom generally the duration of bright sunshine was slight, at several southern stations there was none, but in Scotland, the Isle of Man, and at some places in the south-west of England, the records were high.

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.

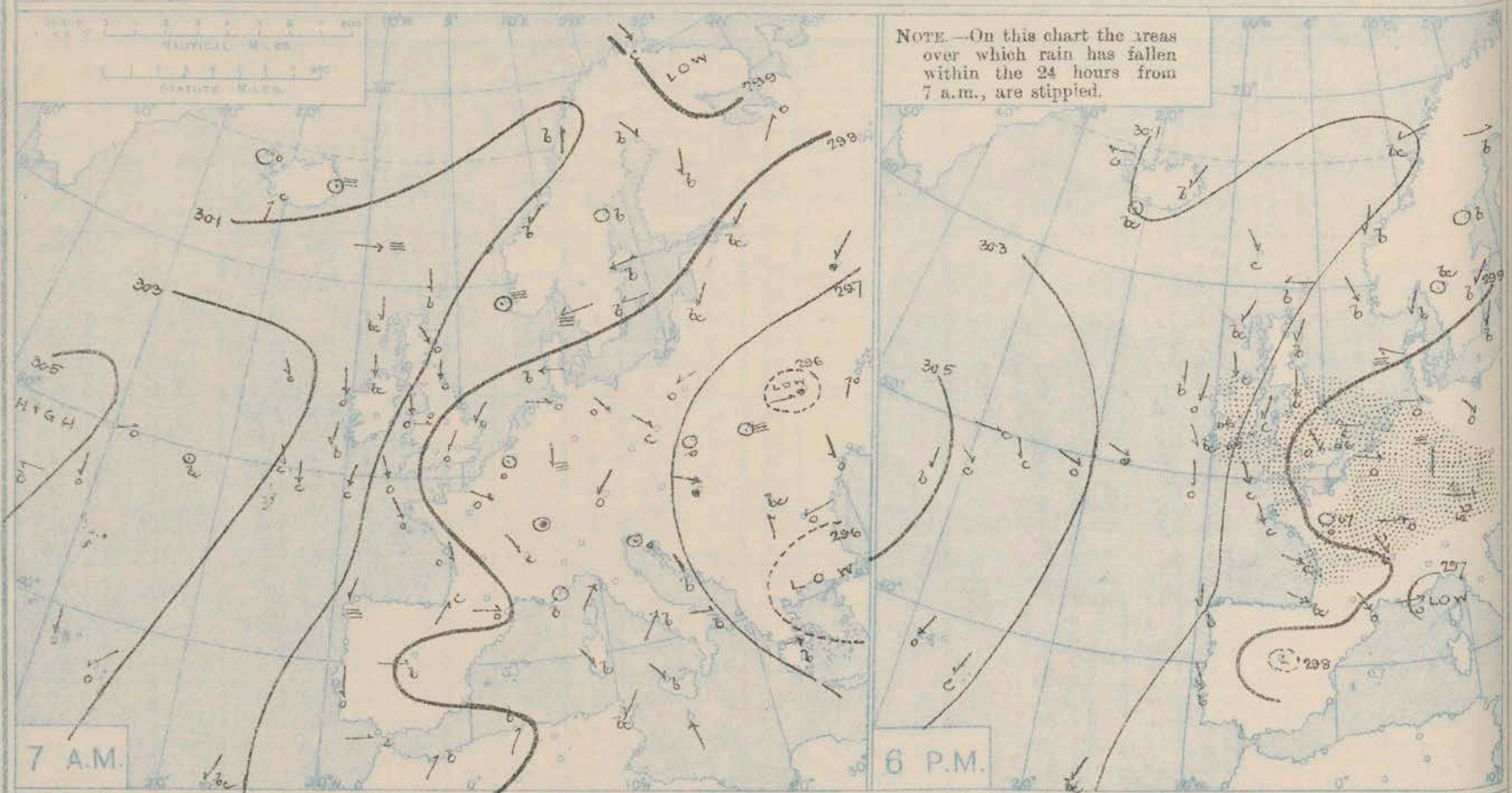
Sunday,
21st July, 1912.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	Barom.	Temp.	Wind.	Force	Weather.	Barometer.	Temp.	Wind.	Force	Weather.	Sea	Rain- fall.	Temp.		Weather.							
													At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	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.	"	Dir.	(0 to 12).		In.	"	"	"	Dir.	(0 to 12).		In.	"	"	"	"	"	Hours.			
Lerwick	30.12	56	E	2	b	30.15	+0.1	51	0	NNE	2	m	1	-	61	50	b	b	cm	*		
Stornoway	30.14	57	NE	3	bc	30.15	+0.1	54	+1	NE	3	o	3	-	59	50	bc	bc	bc	11.4		
Castlebay (Barra Isd.)	30.12	57	NNW	5	cg	30.10	00	55	+3	N	3	c	3	-	60	51	b bc	bc	cg	12.7		
Malin Head	30.11	56	N	5	cm	30.08	-0.1	53	0	N	2	fm	1	0.29	58	51	bc	bc	bc	*		
Blacksod Point	30.14	58	NNE	4	o	30.09	-0.2	56	+1	NNE	5	o	3	-	60	52	cm	cm	cm	*		
Valencia	30.10	59	NNW	3	bc	30.06	-0.1	55	0	N	3	o	3	-	61	54	b	b	c	9.6		
Roche's Point	30.10	66	N	4	o	30.01	*	55	+1	NNW	3	r	2	0.52	68	53	c	c	r	*		
Birr Castle	30.04	63	NNW	2	o	30.04	*	54	+5	NW	1	o	*	0.56	68	48	bc	bc	or	6.2		
Donaghadee	30.04	59	NNW	4	b	30.04	-0.1	55	0	NNW	3	o	3	trace	61	55	bc	b	bc	*		
Liverpool Obsy.	29.94	66	NE	3	c	29.97	+0.1	57	-1	NE	2	o	1	0.04	69	57	cm	cm	sp	1.9		
Holyhead	29.97	60	NNE	3	cm	29.98	00	59	+1	ENE	3	o	2	-	62	56	cm	cm	cm	*		
Pembroke (St. Ann's Hd.)	29.95	59	NNW	3	c	29.91	00	58	+1	NNE	4	cpm	3	trace	64	53	cg	cg	cm	2.5		
Newquay	29.92	60	NW	2	bc	29.90	-0.0	58	+1	-	0	of	2	-	61	57	o	bc	bc	3.5		
Scilly (St. Mary's)	29.96	59	NNW	4	cm	29.93	-0.3	58	+1	NNE	3	cm	3	-	61	55	cm	cm	cm	0.0		
Jersey (St. Aubin)	29.91	63	NW	3	b	29.92	*	58	+2	SE	2	og	2	0.18	66	55	c	bc	bc	9.8		
Portland Bill	29.89	62	N	3	c	29.90	+0.1	60	+3	NE	1	c	2	0.01	65	55	bc	c	or	*		
Dungeness	29.84	63	SSW	2	c	29.91	+0.2	57	+1	NE	1	b	1	-	64	49	c	c	cm	*		
Dover	29.85	63	NE	2	b	29.92	*	61	+6	WNW	1	c	2	-	65	47	a	bc	bc	5.2		
Wick	30.13	54	NE	2	b	30.14	+0.2	52	-1	NNE	2	o	2	-	57	42	bc	bc	c	*		
Nairn	30.11	60	NE	2	c	30.13	*	53	+2	-	0	c	1	-	62	50	bc	cg	c	10.5		
Aberdeen	30.10	61	NNE	3	b	30.14	+0.1	52	-1	NNW	2	c	2	-	66	48	c	bc	bc	7.6		
Leith	30.08	60	E	3	bc	30.09	+0.2	55	-2	ESE	2	b	*	-	64	48	bc	bc	b	*		
North Shields	30.02	56	N	5	o	30.04	00	55	+2	N	5	c	5	0.19	57	50	-	-	o	0.0		
Spurn Head	29.87	59	NNW	6	o	29.91	00	58	+1	N	5	o	5	0.18	62	55	o	o	cm	*		
Yarmouth	29.86	57	E	1	c	29.92	+0.2	57	-2	WNW	4	bc	1	0.04	62	54	od	c	bc	0.2		
Clacton-on-Sea	29.85	61	-	0	cp	29.91	+0.3	60	+4	-	0	c	0	0.61	62	55	or	og	og	0.0		
Nottingham	29.88	61	N	4	o	29.90	*	58	+5	NNE	4	r	*	0.07	62	54	od	od	o	0.0		
Bath	29.90	61	NNE	1	o	29.90	*	60	+3	NE	1	o	*	0.01	69	59	b	op	o	5.1		
Oxford	29.90	57	SE	2	o	29.92	*	58	+4	-	0	o	*	0.25	66	54	o	bc	c	*		
London (Kew Obsy.)	29.87	63	NNW	1	o	29.92	+0.1	58	+3	-	0	bc	*	trace	64	51	cm	o	o	0.3		
Isafjord	30.12	51	E	2	o	30.12	*	47	-3	-	0	o	*	*	*	*	GALES.					
Reykjavik	30.05	57	-	0	o	30.24	+0.8	53	-1	-	0	c	*	*	*	*	Duration and Extreme Force on British Coasts.					
Vestmanna	30.09	59	-	0	bc	30.25	+0.5	51	0	-	0	b	o	*	*	*						
Seydisfjord	30.09	61	NE	2	b	30.28	+0.4	49	+4	-	0	f	*	*	*	*						
Thorshavn	30.13	56	NNW	2	c	30.19	+0.2	52	+1	NNW	1	o	*	*	*	*						
Haparanda	30.03	56	W	2	b	30.08	00	57	+2	ENE	2	b	*	-	68	45						
Hernösand	30.02	59	-	0	b	30.05	00	59	-5	N	2	b	*	-	66	46						
Stockholm	29.94	63	NE	2	b	29.94	+0.1	65	-2	NE	2	b	*	-	75	52						
Wisby	29.91	62	NNE	2	b	29.88	-0.1	62	-9	N	2	b	*	-	73	62						
Karlstad	29.94	70	-	0	bc	29.98	+0.2	67	-1	ESE	2	b	*	-	77	59						
Færder (X'ania Fiord)	29.93	71	WSW	1	b	29.95	+0.2	68	+3	SE	1	c	1	-	75	64						
Bodö	30.12	51	ENE	2	bc	30.07	-0.1	54	+4	ENE	2	bc	2	-	54	50						
Christiansund	30.05	56	NNE	2	b	30.07	+0.1	55	+1	NNE	1	o	1	-	63	52						
Skudesnaes	29.99	60	NNW	6	b	29.99	00	58	-9	NNW	6	b	2	-	67	55						
The Scau (Skagen)	29.93	69	NNE	2	b	29.93	00	68	0	NE	1	b	0	-	72	63						
Blaavands Huk	29.89	67	ESE	1	m	29.93	+0.1	72	+2	E	1	bc	1	-	79	57						
Cuxhaven	29.84	61	W	2	o	29.87	+0.2	63	+3	E	2	o	*	0.39	64	60						
The Helder	29.87	61	NNE	1	c	29.91	+0.2	61	+1	WNW	3	c	1	0.12	63	54						
Brussels	29.85	56	W	1	o	29.89	+0.2	59	+4	-	0	o	*	-	67	52						
Berlin	29.80	62	NW	1	o	29.79	00	68	+9	NE	2	b	*	-	73	59						
Frankfurt	29.82	59	S	2	f	29.84	+0.2	61	+7	N	1	m	*	0.12	72	54						
Munich	29.76	58	W	2	o	29.80	-0.1	48	-8	SW	6	r	*	1.18	66	48						
C. Gris Nez	29.86	61	NE	3	b	29.91	+0.3	61	+6	-	0	bc	1	-	66	54						
La Hève	29.88	62	N	3	b	29.93	*	60	+2	SSW	2	f	1	-	66	55						
Brest (St. Mathieu)	29.97	58	NNW	4	c	29.98	00	58	0	NW	2	o	1	-	59	52						
Lorient (Rec Meleu)							*															
Rochefort (Ile d' Aix)	29.91	63	WNW	4	o	29.94	*	60	0	ENE	2	m	*	0.20	68	55						
Biarritz	30.02	64	WNW	4	bc	30.03	*	60	-3	SW	4	o	3	-	66	59						
Paris	29.84	58	NW	1	bc	29.94	+0.2	55	-1	N	1	bc	*	0.67	59	47						
Belfort	29.84	59	W	4	o	29.97	*	51	-1	W	4	o	*	0.28	64	49						
Lyons	29.91	54	NW	2	r	29.95	*	55	-2	WNW	1	o	*	0.04	67	51						
Nice	29.67	72	WSW	7	o	29.72	+0.3	63	-8	-	0	b	2	-	86	55						
Perpignan	29.89	69	NW	4	o	29.97	+0.3	66	+1	W	3	c	*	-	71	55						
Sanguinaire							*															
Corunna (8 a.m.)	30.10	62	N	3	b	30.08	00	61	0	N	1	o	3	-	63	57						
Lisbon (9 a.m.)	30.07	61	NNW	4	b	30.07	+0.2	63	-1	N	4	b	2	-	72	59						
Gibraltar	29.94	65	NW	4	b	29.95	*	66	-1	NW	3	b	*	-	*	*						
Azores (P. Delgada)	30.32	67	NE	2	c	30.30	+0.1	66	-1	-	0	o	1	-	73	66						
Azores (Horta)	30.36	71	NE	4	o	30.34	00	70	-1	N	1	b	1	-	77	66						
Madeira (Funchal)	30.16	70	NE	2	bc	30.16	+0.2	70	0	NE	2	b	2	-	73	59						

* 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. 20TH JULY.



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

FORECASTS FOR THE 24 HOURS NOON

TO NOON

0 {
a
b

1

2 {
a
b

3

4 {
a
b

5

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

NO WARNINGS
ISSUED.

6 {
a
b

7 {
a
b

8 {
a
b

9 {
a
b

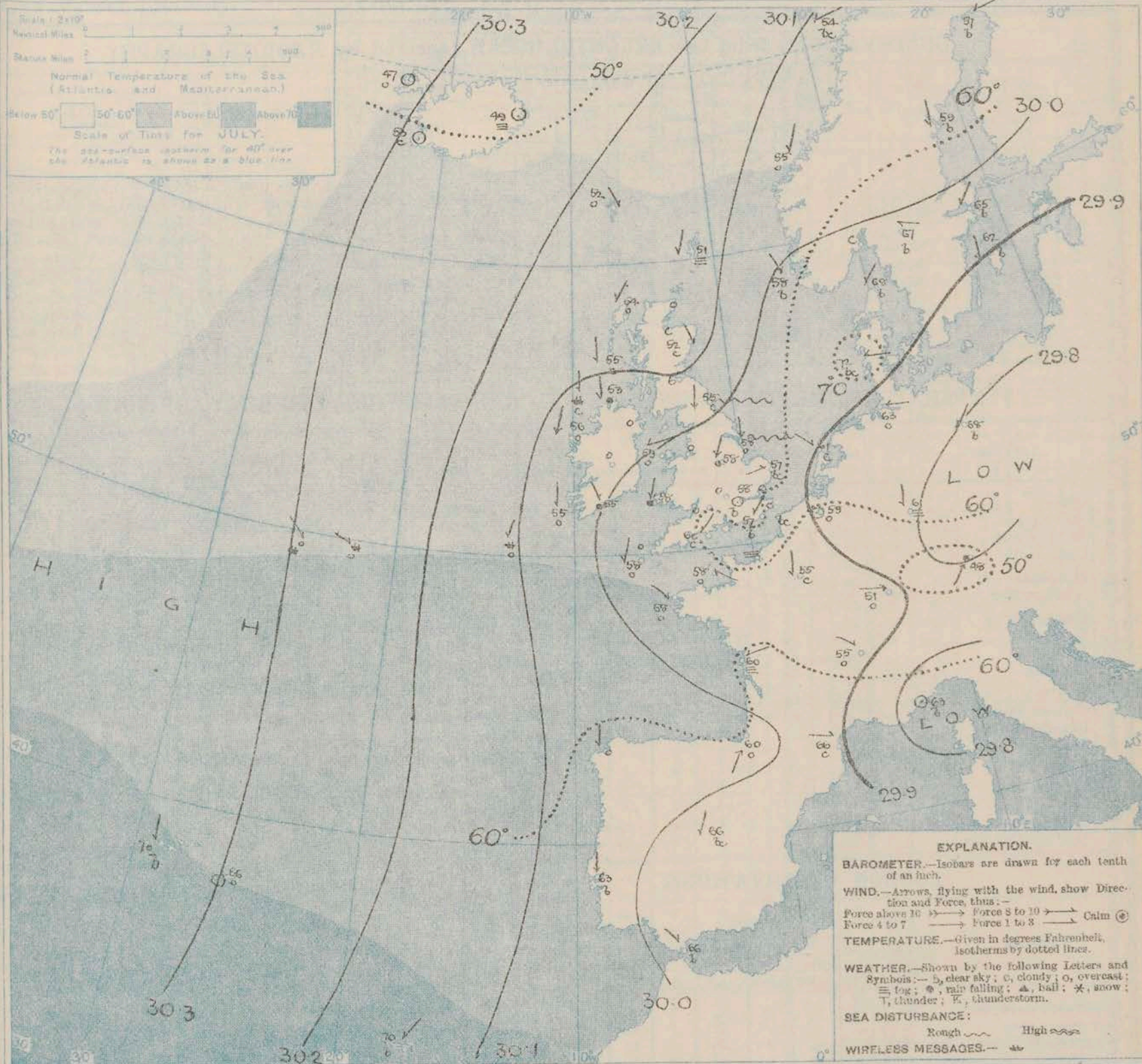
10 {
a
b

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

None Issued.

None Issued.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An anticyclonic system still embraces the whole of the Eastern Atlantic, from the Tropics to Iceland and the Arctic Sea, the barometer being above 30.3 in. at the Azores, and nearly as high in Iceland. Pressure is relatively low, below 29.8 in., over Central Germany, and, on the Riviera. The gradient is slight.

Calms and very light variable airs prevail over south-eastern England, France, the Low Countries and Iceland, but elsewhere the wind is between North-West and North-East, mostly light, fresh in a few localities. At the home stations temperature ranges from 51° at Liverpool to 61° at Dover; on the Continent from 48° at Munich to 72° at Blaavands Fok in

Scandinavia from 54° at Røddø to 68° at Sænder and in Iceland from 48° to 53°. Fine weather is general over Scandinavia and Denmark, but in other regions it is very varied, fine and clear to overcast and dull or gloomy, with rain at a few isolated home stations and at Munich, fog at Newquay, Havre and in Iceland. The sea is rather rough off the north-east coast of England, slight to very smooth elsewhere.

DAILY WEATHER REPORT.

Sunday, 21st July, 1912.

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 6 p.m.	47	29	Lusitania	H	30.48	-0.2	NW	1-3	c	20th 7 a.m.	46	34	Haverford	H	30.54	0.0	E	1-3	b
"	50	17	Lake Michigan	H	30.31	-0.3	WNW	1-3	r	"	49	22	Dominion	O	30.38	-0.8	-	0	bc
"	49	20	Baltic	O	30.31	-0.1	WNW	1-3	0	"	50	15	Arabic	O	30.34	+0.6	NNW	4-5	c
"	47	31	Haverford	H	30.52	+0.3	N	1-3	b	"	49	14	Lapland	H	30.24	-0.6	N	4-5	c
"	48	25	Dominion	O	30.39	+0.2	NNW	1-3	c	"	55	17	California	H	30.36	-0.2	NNW	1-3	c
"	49	10	Lapland	H	30.13	-0.1	N	4-5	0	"	50	20	Lake Michigan	H	30.38	-0.1	-	0	c
"	55	12	California	H	30.27	-0.5	N	1-3	b										
"	50	28	Sicilian	O	30.46	0.0	WSW	1-3	0										
"	47	30	Olympic	O	30.46	+0.2	N	1-3	bc										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.					Hr.	England, S.E.		In.					Hr.
Oban		-	65	48	-	-	6.2	Ramsgate		-	66	53	o	b	5.6
Stonehaven		-	61	49	-	-	5.3	Margate		0.13	66	53	o	b	4.2
St. Andrews		-						Deal		0.42	66	48	o.c.bc	bc	5.5
Carnoustie		-	67	52	b	b	2.4	Littlestone		-					3.9
England, N.E.								Folkestone		0.03	65	51	o.c	bc	4.1
Harrogate		0.07	56	51	o.c	c.o	0.0	Hastings		0.09	63	51	o.c	op.bc	3.1
Scarborough		-						Bexhill-on-Sea		0.01	64	51	o.bc	p.bc	2.7
England, N.W.								Eastbourne		-	65	51	o	bc.o	1.9
Blackpool		-	71	58	o.bc	b.bc	2.7	Seaford		0.02	67	50	o.r	c.bc	2.5
Southport		-	63	50	c.m.r	bc	1.4	Brighton		-	66	51	o.bc	o.c.bc	0.5
Buxton		0.45	63	50	c.m.r	bc	7.0	Worthing		-	67	50	c	bc	3.3
Douglas		-	70	47	bc.b	bc.q	2.3	Bognor		*	*	*	*	*	4.0
Wales.								Southsea							
Rhyl		0.15	64	57	bc.o	o	0.0	Bournemouth		0.06	69	52	r.c.bc	o.r	6.7
Colwyn Bay		-	67	58	bc	c	2.3	Weymouth		0.05	68	54	bc	c.o3	7.6
Llandudno		-						Teignmouth		0.02	68	55	bc.b	bc.c	6.0
Bettws y-Coed		-						Torquay		0.01	69	55	c	bc.o	6.3
Aberystwyth		-	66	57	c.b	c.o	2.7	Paignton							
England, E.								Weston-super-Mare							
Skegness		-													
Lowestoft		-													
Felixstowe		0.09	62	51	op.m	op.m.bc	0.5								
Southend-on-Sea		0.26	65	?	o	op.o	0.1								

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine.				
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Min. on Grass.	Night.	Fore-noon.	After-noon.						
			Max.	Min.														Max.		Min.	Night.	Fore-noon.	After-noon.
24 HOURS ENDED 9 A.M. TO-DAY.																							
Greenwich (Royal Obs.) ...	%	%				In.				Hr.	Dublin to 4 p.m.	In.							Hr.				
City (Banhill Row) ...	63	64	69	51	39	-	o.c	o.c	o.c.bc	0.6	Plymouth to 9 p.m.	70	50	49	bc.2	bc	bc	3.6					
Westminster (St. James's Pk.)	76	74	66	54	47	-	bc	bc.m	bc	0.6	Darwen	68	53	48	bc	o	op.o	0.2					
Camden Sq. (Brit. Rainfall)	68	90	68	50	48	-	o	c	c	0.6	Manchester	66	53	53	org	bc	og						
Hampstead (Reservoir) ...		71	63	53	38	-	o.c	c.o	o	0.4	Birmingham	0.23	62	52	47	ro	o	0.0					
24 HOURS ENDED 6 P.M. YESTERDAY.																							
South Kensington ...			65	51	44	Trace																	
" (Roof of M.O.)	67	64	64	52			o	o	o.c.o	0.1													

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

	21st July, 1912.	Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth		3.56	11.59	8.2
		3.58	11.59	8.0
Greenwich		4.9	12.6	8.3
		4.10	12.6	8.2
Wick		3.41	12.18	8.55
		3.43	12.18	8.53
Valencia		4.47	12.47	8.48
		4.48	12.47	8.46

NOTES ON YESTERDAY'S WEATHER.

Temperature was rather low over the British Isles yesterday, the highest of the maxima being 70° at Douglas and 71° at Southport. Rain fell in many parts of England and Ireland, 0.6 in. at Birr Castle and Blackton. The duration of bright sunshine was very variable, several stations returning none, while Castlebar had 12.4 hours. As far west as the 35th meridian ships experienced calms or variable winds, light to moderate, mainly Westerly to Northerly and North-Easterly, with fine to dull weather.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

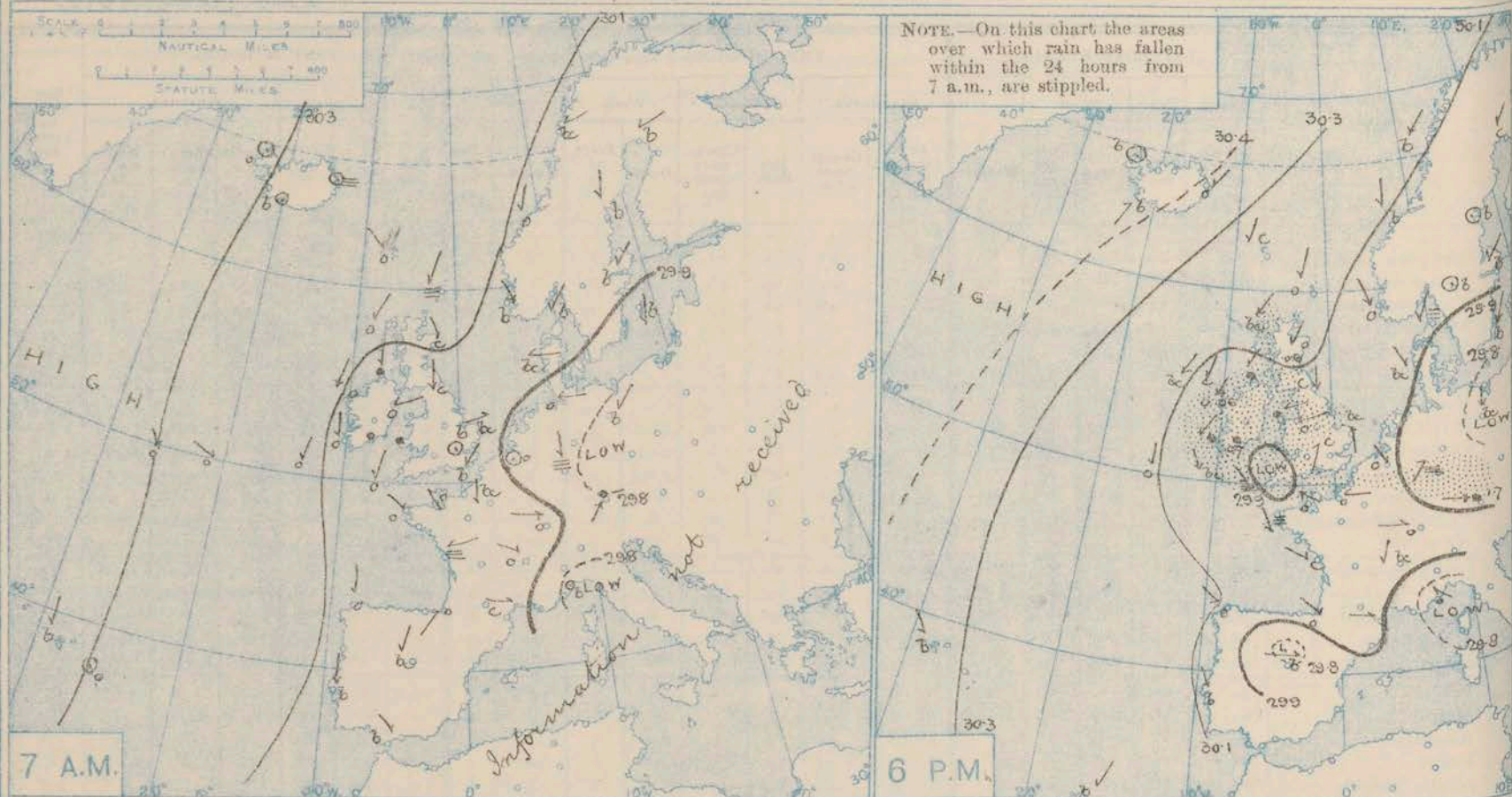
Monday
22nd July, 1912.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for yester- day.	
	Barom.	Temp.	Wind.	Force (0 to 12).	Weather.	Barometer.		Temp.		Wind.		Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	Temp.		Weather.				
						At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since yester- day.	Dirac.	Max.					Min.	Morn'g. 7 a.m. to 1 p.m.	After'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.			
																						Hours.
Lerwick	30.16	53	NNE	2	0	30.13	-0.2	53	+2	NNW	3	0	2	16.	55	50	0	0	0	*		
Stornoway	30.16	56	NE	5	bc	30.19	0.0	52	-2	NE	5	c	4	0.01	58	51	0 bc	bc	0.00p	7.3		
Castlebay (Barra Isd.)	30.10	61	NNE	2	c	30.11	0.0	56	+1	NW	3	bc	2	-	63	55	c.0	c.0	c.0	4.3		
Malin Head	30.06	55	NE	2	rm	30.05	0.0	54	+1	SE	4	om	3	0.07	59	52	omr	bc	omr	*		
Blacksod Point	30.03	58	NE	4	0	29.97	+0.1	58	+2	NE	3	c	3	0.04	60	54	cr	cr	om	*		
Valencia	29.98	56	NE	2	r	29.89	0.0	57	+2	-	0	0	3	0.15	61	55	c	or	or	0.0		
Roche's Point	29.95	59	N	3	r	29.91	*	59	+4	N	1	0	1	0.71	59	55	r	r	r.0m	*		
Birr Castle	29.97	57	-	0	r	29.92	*	59	+5	ESE	3	f	*	0.25	63	53	0	or	or	0.0		
Donaghadee	30.03	60	NNW	3	bcz	30.07	0.0	53	-2	ENE	3	bc	3	0.37	61	53	cptl	bcz	c.0	*		
Liverpool Obsy.	29.97	59	ENE	4	r	30.00	0.0	55	-2	ENE	4	0	3	0.43	62	54	odg	or	or	0.0		
Holyhead	29.96	60	ENE	3	op	29.98	-0.1	58	-1	ENE	4	0	3	0.09	61	56	o.0pm	o.0m	o.0m	*		
Pembroke (St. Ann's Hd.)	29.90	60	-	0	0	29.91	+0.2	58	0	E	3	cgm	3	0.31	60	56	ogpm	ogpm	ogpm	0.0		
Newquay	29.87	62	-	0	0	29.88	0.0	58	0	SE	2	ogf	2	0.32	65	57	ogf	ogf	ogf	0.0		
Scilly (St. Mary's)	29.90	58	NW	3	m	29.88	0.0	58	0	NW	2	cfe	3	trace	62	57	m	m	m	0.0		
Jersey (St. Aubin)	29.92	60	ESE	2	ogm	29.91	*	60	+2	ESE	3	ogm	3	0.03	61	56	ogm	ogm	ogm	0.0		
Portland Bill	29.93	61	E	2	b	29.93	+0.1	61	+1	E	4	c	3	-	64	59	bc	bc	bc.0	*		
Dungeness	29.94	64	SW	2	c	29.96	+0.2	58	+1	-	0	0	2	-	66	52	bc	bc	bc.0	*		
Dover	29.95	65	SSE	1	b	29.97	*	59	-2	W	1	m	2	-	66	50	c.0	c.0	bc.0m	8.2		
Wick	30.19	53	NE	1	0	30.16	-0.1	50	-2	NNE	2	0	2	0.03	53	48	0.0	0.0	odm	*		
Nairn	30.16	56	ENE	1	0	30.15	*	52	-1	-	0	0	1	-	60	50	bz	bz.0	0	7.0		
Aberdeen	30.15	56	NNE	2	0	30.15	0.0	51	-1	NNW	2	0	2	-	61	50	c.0	0	od	1.5		
Leith	30.11	59	NE	3	b	30.13	+0.1	51	-4	NE	3	od	4	0.61	62	50	b	b	c.0	*		
North Shields	30.07	56	N	4	c	30.10	0.0	54	-1	N	3	0	3	-	59	50	-	-	-	2.5		
Spurn Head	29.97	58	ENE	4	f	29.99	0.0	57	+6	N	5	org	5	0.11	59	55	f	f	om.0m	*		
Yarmouth	29.95	64	SSE	1	bc	29.96	0.0	61	+4	NE	2	r	2	0.20	68	58	bc	bc	bc.0m	9.9		
Clacton-on-Sea	29.93	65	SE	1	bc	29.95	0.0	58	-2	W	1	0	0	-	66	55	c	c.0	bc.0	3.6		
Nottingham	29.94	62	ENE	2	0	29.99	*	58	0	ENE	3	r	*	0.40	64	57	om.0	0.0	0	0.1		
Bath	29.92	66	S	1	m	29.98	*	56	-4	ENE	1	m	*	0.01	68	50	-	-	-	0.0		
Oxford	29.96	64	W	1	c	29.99	*	59	+1	ENE	1	0	*	-	70	54	0	bc	0	*		
London (Kew Obsy.)	29.93	68	SSW	2	c	29.98	+0.1	57	-1	-	0	om	*	-	72	52	bc.0	0.0	c.0	5.1		
Isafjord	30.42	54	-	0	b	30.41	-0.1	45	-2	-	0	f	*	*	*	*	GALES.					
Reykjavik	30.42	60	W	1	b	30.41	0.0	52	-1	-	0	c	*	*	*	*	Duration and Extreme Force					
Vestmanna	30.39	59	SW	1	b	30.41	-0.1	50	-1	NW	2	f	0	*	*	*	on British Coasts.					
Seydisfjord	30.41	49	NE	3	0	30.43	0.0	44	-5	-	0	0	*	*	*	*						
Thorshavn	30.24	60	NNE	3	c	30.28	0.0	49	-3	ENE	4	0	*	*	*	*						
Haparanda	30.05	58	NE	2	c	30.14	+0.4	56	-1	NE	2	bc	*	-	64	43						
Hernösand	30.00	57	-	0	b	30.04	+0.1	59	0	E	6	0	*	-	66	48						
Stockholm	29.92	63	NE	2	b	29.90	+0.1	64	-1	N	2	b	*	-	75	50						
Wisby	29.86	62	NNE	4	b	29.86	0.0	62	0	NNE	4	b	*	-	64	54						
Karlstad	29.93	69	-	0	b	29.97	+0.2	61	-6	E	2	0	*	-	77	59						
Færder (X'ianta Fiord)	29.91	71	SSW	1	bc	29.95	+0.2	66	-2	NE	1	0	1	-	75	66						
Bodö	30.12	53	NE	4	b	30.15	+0.1	51	-3	ENE	2	b	2	-	55	46						
Christiansund	30.10	57	N	3	b	30.10	0.0	55	0	NE	5	b	1	-	57	54						
Skudesnaes	29.98	57	NNW	6	0	29.93	-0.2	58	0	N	4	0	2	-	63	55						
The Scaw (Skagen)	29.91	68	NNE	1	m	29.91	0.0	69	+1	W	2	bc	0	-	73	61						
Blaavands Huk	29.93	65	NNW	2	bc	29.91	+0.1	66	-6	N	2	0	2	-	75	63						
Cuxhaven	29.89	69	NNE	3	b	29.89	0.0	66	+3	N	2	c	*	-	75	63						
The Helder	29.93	64	NW	2	c	30.00	+0.1	65	+4	NE	2	bc	1	-	65	61						
Brussels	29.93	63	NNW	3	0	29.96	+0.1	59	0	W	1	r	*	?	71	56						
Berlin	29.78	70	N	4	bc	29.83	+0.2	64	-4	N	2	bc	*	-	81	59						
Frankfurt	29.85	60	SW	1	f	29.89	+0.3	65	+4	NW	2	b	*	0.16	68	59						
Munich	29.85	50	W	6	r	29.88	+0.1	51	+3	SW	6	0	*	1.73	52	48						
C. Gris Nez	29.95	63	-	0	bc	29.97	+0.1	59	-2	SW	4	r	2	trace	70	59						
La Hève	29.93	64	NE	3	0	29.93	*	57	-3	E	3	0	2	-	73	54						
Brest (St. Mathieu)	29.95	60	NNW	2	m	29.94	0.0	59	+1	NNW	2	0	1	-	64	57						
Lorient (Bec Melen)	29.92	64	WSW	2	0	29.87	*	59	*	NW	3	0	3	-	68	55						
Rochefort (Ile d' Aix)	29.96	65	WNW	3	c	29.96	*	63	+3	SSW	2	0	*	-	72	59						
Biarritz	30.03	64	WNW	3	0	30.01	*	63	+3	WSW	3	0	3	-	66	60						
Paris	29.95	64	ENE	2	0	29.99	+0.1	58	+3	ESE	1	b	*	-	71	51						
Belfort	29.97	56	W	3	0	30.01	*	53	+2	W	5	0	*	-	60	51						
Lyons	29.95	64	NNE	1	bc	30.00	*	59	+4	NNW	1	b	*	-	68	50						
Nice	29.71	57	SE	1	b	29.77	+0.2	66	+3	-	0	b	*	-	81	55						
Perpignan	29.94	70	W	2	0	29.99	+0.1	68	+2	WSW	2	b	*	-	79	59						
Sanguinaire	29.85	69	WNW	5	m	29.84	*	71	*	W	5	m	5	-	75	63						
Corunna (8 a.m.)	30.10	62	NW	2	0	30.07	0.0	61	0	NNW	1	0	2	-	64	57						
Lisbon (9 a.m.)	30.10	61	NNW	4	b	30.09	+0.3	62	-1	NW	4	0	2	-	70	57						
Gibraltar	29.99	63	W	3	b	29.98	*	64	-2	W	4	bc	*	-	*	*						
Azores (P. Delgada)																						
Azores (Horta)	30.34	68	NW	2	b	30.30	0.0	67	-3	-	0	0	1	-	75	64						
Madeira (Funchal)	30.19	69	NE	2	b	30.17	+0.1	68	-2	NE	2	bc	2	-	73	55						

* 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. 21ST JULY



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

An anticyclone over the Azores is spreading to Spain and France, and another anticyclone over Iceland is spreading towards Scandinavia. In

the region of low pressure between them the weather is expected to be of a somewhat unsettled character.

FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY

- 0 $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$ Wind between N. and E., fresh at times in places; fair to dull, some rain; cool.
- 1 $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$
- 2 $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$
- 3 $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$ Calms and light variable to E. breezes; fair to dull, some rain, local mist; temperature below the normal, but air close.
- 4 $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$
- 5 $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$

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 $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$ Same as Nos. 0 to 2.
- 7 $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$
- 8 $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$ Same as Nos. 3 to 5.
- 9 $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$ Same as Nos. 0 to 2.
- 10 $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$ Same as Nos. 3 to 5.

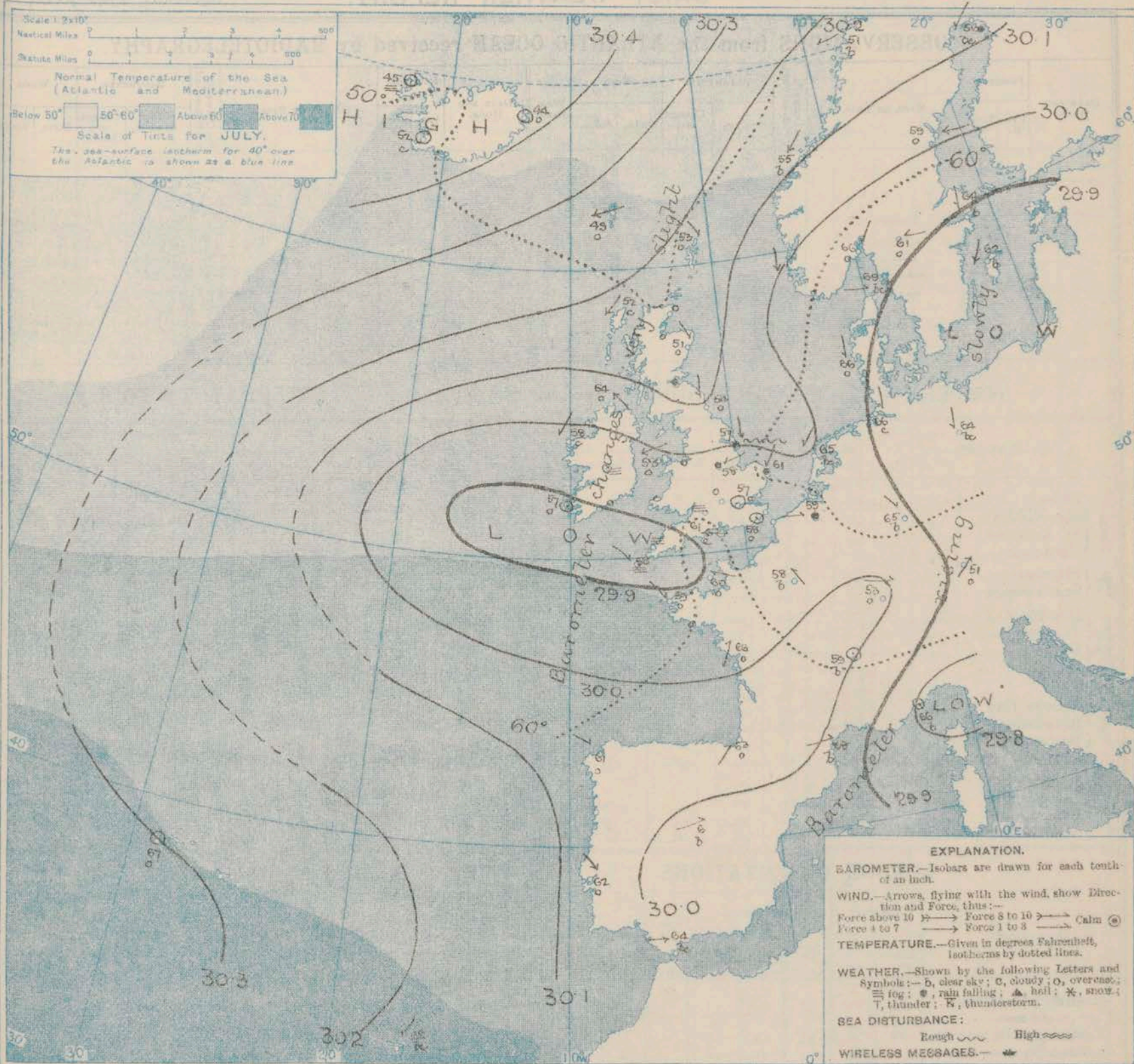
11 WESTERN CHANNEL AND BAY.

light to moderate E. breezes Channel, N. to S. on Bay; sea slight or smooth; fair to dull, some rain, mist or fog; cool.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M.

MONDAY, 22ND JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.4 in. over Iceland, and about 30.3 in. at the Azores. It is below 29.8 in. on the Riviera, and below 29.9 in. in a depression near our southwestern coasts, and in another covering the Baltic and the middle region of the Continent. The gradient is slight.

The parallel of 50° North is the dividing line between N. to E. breezes to the northward, and S.W. to S.E. to the southward. Few localities report more than a moderate breeze. Over the British Isles temperature ranges from 50° at Wick to 61° at

Yarmouth and Portland Bill; on the Continent from 51° at Munich to 68° at Perpignan and Madrid; in Scandinavia from 51° at Bodø to 66° at Faerøer; and in Iceland from 44° to 52°. The weather is fine and clear over Eastern France, Central Spain and the north and east of Scandinavia; elsewhere it is mostly very cloudy to overcast and dull, and rain is falling at various stations in the east of Britain, in Belgium and locally in the north and west of France. The atmosphere is foggy about the mouth of the Channel, and in several parts of Iceland. The sea is rather rough off the Humber, slight to very smooth elsewhere.

DAILY WEATHER REPORT.

Monday, 22nd July, 1912.

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.	
21st, 6 p.m.	55	10	Mongolian	O	30.02	-0.1	NNE	4-5	c	21st, 4 a.m.	49	21	Lusitania	H	30.27	-0.5	WNW	1-3	o
"	55	13	Megantic	O	?	?	NNE	1-3	bc	"	49	25	Baltic	O	30.30	-0.0	NW	4-5	o
"	50	14	Lusitania	H	30.11	-0.2	N	1-3	o	"	50	13	Lake Michigan	H	30.16	-0.2	NNE	1-3	o
"	50	10	Lake Michigan	H	30.01	-0.5	NNW	4-5	bc	"	55	9	Hesperian	O	30.10	0.0	N	1-3	c
"	55	14	Hesperian	O	30.13	+0.3	NE	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.	
		In.	"	"			Hr.			In.	"	"			Hr.
Scotland.	{ Oban	-	65	55	-	-	3.3	England, S.E.	{ Ramsgate	-	"	"	"	"	8.3
	{ Stonehaven	-	70	48	b3	0	5.5		{ Margate	-	71	52	m	o.b	4.0
	{ St. Andrews								{ Deal	-	67	47	w.o.c.m	bc	7.0
	{ Carnoustie	-	63	50	b	b	10.4		{ Littlestone	"	"	"	"	"	5.3
Eng. N.E.	{ Harrogate	0.01	57	52	op.o	0	0.0	{ Folkestone	-	66	51	c.bc	bc.b	7.7	
	{ Scarborough	"	60	54	of	of	0.0	{ Hastings							
England, N.W.	{ Blackpool	-	69	56	op	c.o	0.5	England, S.E.	{ Bexhill-on-Sea	-	65	63	bc	bc	6.3
	{ Southport	0.18	65	57	ot.bc	c.ot	0.2		{ Eastbourne	-	65	50	b	bc.o	7.0
	{ Buxton	-	61	52	op	c	0.0		{ Seaford	-	68	51	o.bc	bc.c	6.1
	{ Douglas	0.03	67	57	opp	opp	0.6		{ Brighton	-	67	53	c.bc	bc	5.8
Wales.	{ Rhyl	0.15	63	56	op	op	0.0	England, S.W.	{ Worthing	-	68	54	-	-	6.7
	{ Colwyn Bay	0.08	62	58	bc.c	bc.p.d	0.0		{ Bognor	"	"	"	"	"	9.0
	{ Llandudno	0.03	65	58	op	0	0.0		{ Southsea	-	68	56	b	b	9.0
	{ Bettws y-Coed	"							{ Bournemouth	0.03	68	57	+c.bc	bcz	7.0
England, E.	{ Aberystwyth	0.02	69	60	opm	oz	0.5	{ Weymouth	-	67	59	bcz	bcz	5.3	
	{ Skegness							{ Teignmouth	0.03	65	61	c	c	0.0	
	{ Lowestoft	-	67	53	b	b.bc	10.7	{ Torquay	0.02	64	61	o	o	0.0	
	{ Felixstowe	-	66	52	bcz	bz	10.6	{ Paignton	0.03	63	60	od	o	0.0	
	{ Southend-on-Sea	-	70	56	o.c.bc.b	c.bc.b	8.5		{ Weston-super-Mare	0.03	65	58	d	c.bc.b	0.5

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain-fall.	WEATHER.			Sunshine for Yesterday.
	7 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.	
	%	%	Max.	Min.		24 Hours ended 9 a.m. To-day.	24 Hours ended 6 p.m. Yesterday.	Night.	
Greenwich (Royal Obs.)	51	64	77	49	41	-	b.bc	b.bc	bc.o
City (Bunhill Row)	*	*	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	59	79	72	54	47	-	bc	bc	bc
Camden Sq. (Brit. Rainfall)	-	67	75	52	50	-	bc	bc.c	o
Hampstead (Reservoir)	*	71	70	54	40	-	c.bc	o	o
South Kensington	*	*	72	54	45	-	bc.c	cz	cz
" (Roof of M.O.)	-	67	72	56	*	*	*	*	3.8

Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		Night.	Forenoon.	Afternoon.	Sun-shine.
		In Screen.	Min. on Grass.				
		Max.	Min.				
Dublin to 4 p.m.	0.09	60	56	54	bc.o	op	0.9
Plymouth to 9 p.m.							
Darwen							
Manchester							
Birmingham	0.02	66	56	53	o	o	0.3

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

22.7.23. July, 1912.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 3.58	G.M.T. 11.59	G.M.T. 8.0
Greenwich	4.0	11.59	7.58
Wick	4.10	12.6	8.2
Valencia	4.12	12.6	8.0
	3.43	12.18	8.53
	3.45	12.18	8.51
	4.48	12.47	8.46
	4.50	12.47	8.44

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature touched 72° about London, but very few other stations reached 70°, while at Wick the maximum was only 53°. Rain has fallen in many parts of the country, 0.6 in at Leith and Blackpool Point, 0.7 in. at Rother Point. A thunderstorm was experienced at Donaghadee, and distant thunder was heard at Newry. Many stations had no bright sunshine, but locally in the east there were some large records. As far west as the 26th meridian ships experienced light to moderate N.E. to E. breezes, and fair to dull weather.

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

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

1912.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

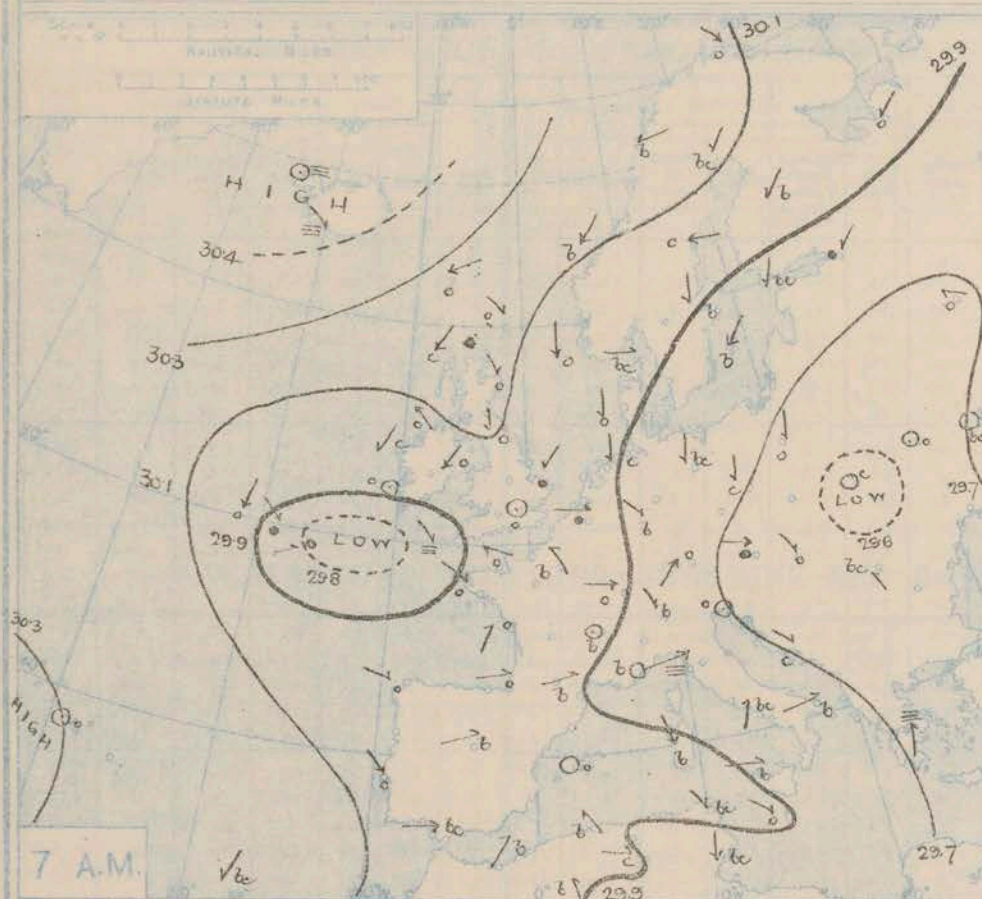
Tuesday,
23rd July, 1912.

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.							
														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.					
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.			At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.										Hours.		
BRITISH ISLANDS.	Lerwick	30.04	55	N	4	b	30.07	-0.2	52	-1	N	5	bc	3	-	57	50	bc	bc	bc	5.1		
	Stornoway	30.14	55	NE	5	bc	30.09	-0.2	53	+1	NE	5	c	4	-	58	51	bc	bc	c			
	Castlebay (Barra Isd.)	30.07	57	NNE	4	bc	30.02	-0.0	55	-1	NE	4	c	3	-	61	52	bc	bc	bc	12.7		
	Malin Head	30.04	58	NE	4	c	29.97	-0.4	56	+2	NE	1	m	1	-	60	52	bc	bc	fe			
	Blacksod Point	29.97	62	ENE	4	o	29.93	-0.0	58	0	NNE	3	o	2	-	62	56	om	om	om			
	Valencia	29.90	58	-	0	r	29.83	-0.1	58	+1	-	0	om	3	0.41	66	56	o	om	om	0.3		
	Roche's Point	29.92	60	E	3	om	29.87	-	59	0	E	3	o	3	0.27	61	58	r	r	om			
	Birr Castle	29.94	64	NE	5	c	29.87	-	56	-3	NE	2	r	0	0.14	67	55	c	c	or	3.4		
	Donaghadee	30.03	58	NE	1	bc	30.00	-0.1	52	-1	NE	3	o	3	-	60	52	bc	bc	og	6		
	Liverpool Obsy.	29.99	58	E	3	o	29.97	-0.1	53	-2	E	2	o	2	0.05	61	52	od	og	sp	0.0		
IRELAND & FAEROE.	Holyhead	29.96	60	E	4	o	29.92	-0.1	57	-1	E	3	c	3	0.10	66	52	om	om	om			
	Pembroke (St. Ann's Hd.)	29.92	59	SE	2	o	29.89	-0.2	57	-1	E	2	ogm	1	0.13	61	56	ogm	om	ogpm	2.5		
	Newquay	29.84	61	SE	2	o	29.84	-0.0	59	+1	SE	2	om	1	0.13	63	55	ogto	o	c	0.0		
	Scilly (St. Mary's)	29.90	63	WNW	1	c	29.85	-0.2	58	0	-	0	c	1	-	66	55	c	c	c	0.1		
	Jersey (St. Aubin)	29.90	62	E	2	ogmp	29.92	-	60	0	WSW	3	c	3	0.01	64	55	ogm	ogm	ogpm			
	Portland Bill	29.92	60	ESE	4	r	29.89	-0.0	60	-1	E	1	c	3	0.12	62	58	c	c	er	*		
	Dungeness	29.94	63	ENE	3	c	29.92	+0.1	63	+5	E	2	b	2	0.07	65	57	c	or	c	0.0		
	Dover	29.96	62	E	1	b	29.94	-	63	+4	ESE	3	b	3	0.07	64	57	om	c	bc	3.7		
	Wick	30.11	55	NE	2	b	30.09	-0.0	51	+1	NE	3	o	3	-	56	45	o	o	bc	0		
	Nairn	30.12	56	E	1	c	30.08	-	52	0	E	1	o	1	-	58	42	bc	c	c	0.8		
SCANDINAVIA.	Aberdeen	30.09	55	NW	3	bc	30.05	-0.0	53	+2	NNW	2	o	2	-	58	46	o	o	bc	2.3		
	Leith	30.09	56	E	1	o	30.04	+0.1	53	+2	ENE	3	c	4	-	60	46	o	o	c	*		
	North Shields	30.08	54	N	2	o	30.04	-0.1	53	-1	-	0	o	3	-	57	43	-	-	-	0.0		
	Spurn Head	30.00	57	N	5	c	29.99	-0.0	55	-2	NNE	4	op	4	0.12	60	52	og	c	c	*		
	Yarmouth	29.97	61	NE	3	o	29.99	-0.0	59	-2	ENE	2	o	2	0.28	64	58	om	opm	opm	0.0		
	Clacton-on-Sea	29.96	62	SSW	1	o	29.95	-0.0	63	+5	ESE	2	c	2	Trace	67	56	og	ogp	o	0.5		
	Nottingham	29.98	58	ENE	4	c	29.98	-	53	-5	NE	4	dm	4	0.53	60	52	r	o	o	0.0		
	Bath	29.94	62	N	1	o	29.92	-	60	+4	E	2	o	4	0.05	69	51	-	-	-	1.5		
	Oxford	29.97	59	NE	1	m	29.95	-	58	-1	E	2	o	4	0.12	64	55	o	o	om	0		
	London (Kew Obsy.)	29.94	66	E	2	bc	29.94	-0.0	60	+3	E	1	of	4	0.06	66	57	om	o	om	0.0		
GERMANY, &c.	Isafjord	30.30	65	SW	5	b	30.25	-0.0	54	+9	SW	5	b	4	-	64	41	-	-	-			
	Reykjavik	30.36	55	W	1	r	30.28	-0.0	50	-2	W	4	o	4	-	64	41	-	-	-			
	Vestmanna	30.36	57	NW	4	b	30.26	-0.2	50	0	NNW	7	b	0	-	64	41	-	-	-			
	Seydisfjord	30.30	64	WSW	1	b	30.22	-0.0	53	+9	-	0	b	4	-	64	41	-	-	-			
	Thorshavn	30.26	54	ENE	4	o	30.23	-0.0	50	+1	ENE	4	o	4	-	64	41	-	-	-			
	Haparanda	30.19	52	NE	2	c	30.23	+0.1	55	-1	NNE	2	b	4	-	64	41	-	-	-			
	Hernösand	30.10	57	NE	4	b	30.17	+0.2	59	0	NNE	6	bc	4	-	64	41	-	-	-			
	Stockholm	29.96	62	N	2	b	30.00	+0.2	65	+1	NW	2	bc	4	-	73	52	-	-	-			
	Wisby	29.91	62	NNE	2	b	29.98	+0.4	64	+2	N	2	b	4	-	66	54	-	-	-			
	Karlstad	29.95	67	-	0	b	30.04	+0.4	63	+2	E	4	c	4	-	73	59	-	-	-			
FRANCE.	Færder (X'ania Fiord)	29.93	69	-	0	c	29.97	+0.2	65	-1	E	3	c	2	-	69	64	-	-	-			
	Bodö	30.12	54	ENE	4	b	30.13	+0.1	60	+9	E	4	b	1	-	60	46	-	-	-			
	Christiansund	30.05	54	NE	6	b	29.99	-0.1	54	-1	NE	2	b	2	-	57	52	-	-	-			
	Skudesnaes	29.91	61	-	0	b	29.92	-0.0	59	+1	S	2	o	2	-	63	57	-	-	-			
	The Scau (Skagen)	29.93	69	E	1	b	29.94	+0.1	70	+1	ESE	2	c	0	-	79	64	-	-	-			
	Blaavands Huk	29.92	61	N	2	bc	29.95	+0.1	64	-2	NNW	2	c	1	-	68	59	-	-	-			
	Cuxhaven	29.90	67	NNW	3	o	29.93	+0.2	67	+1	N	2	o	4	0.04	72	63	-	-	-			
	The Helder	29.90	67	NNW	3	o	29.93	+0.2	67	+1	N	2	o	4	0.04	72	63	-	-	-			
	Brussels	29.84	71	NE	2	b	29.90	+0.2	67	+3	N	2	bc	4	-	77	59	-	-	-			
	Berlin	29.92	66	SW	4	m	29.97	+0.3	59	-6	SW	1	f	4	-	77	57	-	-	-			
SPAIN, PORTUGAL, &c.	Frankfurt	29.96	57	SW	4	c	30.00	+0.1	57	+6	SW	2	o	4	-	77	59	-	-	-			
	Munich	29.96	57	SW	4	c	30.00	+0.1	57	+6	SW	2	o	4	-	77	59	-	-	-			
	C. Gris Nez	29.95	64	ENE	3	c	29.94	+0.1	63	+4	ESE	3	bc	2	0.12	68	59	-	-	-			
	La Hève	29.93	64	-	0	o	29.94	-	59	+2	SSE	2	m	1	0.53	77	55	-	-	-			
	Brest (St. Mathieu)	29.95	63	W	2	bc	29.92	-0.3	57	-2	SSE	2	o	2	-	64	55	-	-	-			
	Lorient (Iles Melan)	29.88	62	W	4	o	29.97	-	59	0	SE	1	o	2	-	66	54	-	-	-			
	Rochefort (Ile d'Aix)	29.97	65	W	3	o	29.96	-	63	0	SE	2	o	4	0.04	70	61	-	-	-			
	Biarritz	30.02	66	NW	3	bc	29.97	-	61	-2	E	2	c	2	-	68	57	-	-	-			
	Paris	29.95	68	WSW	1	o	29.97	+0.2	63	+5	SSW	2	o	4	Trace	73	57	-	-	-			
	Belfort	29.98	62	W	2	m	30.02	-	56	+3	-	0	f	4	-	66	53	-	-	-			

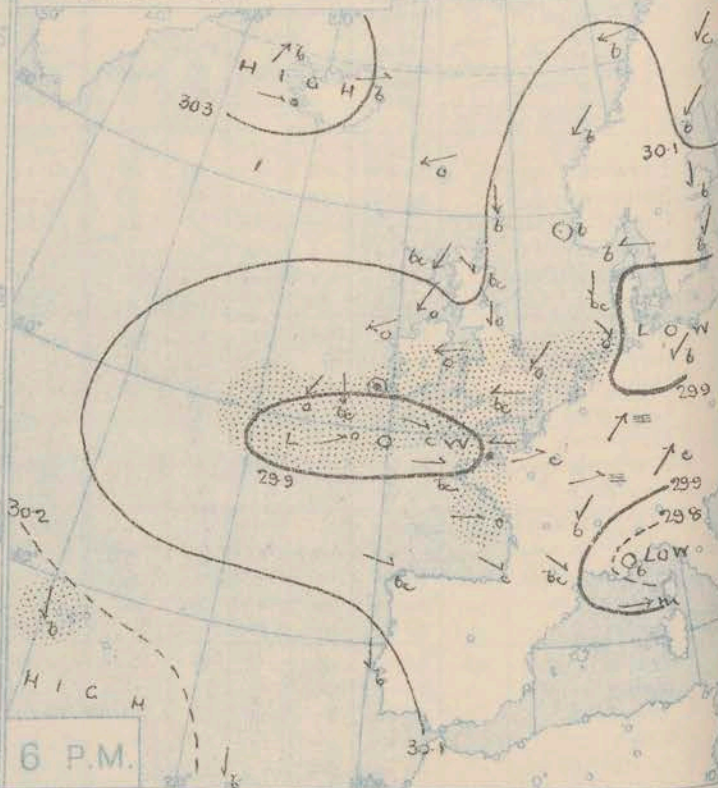
* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



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



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The distribution of pressure remains favourable to a cool, changeable type of weather over the United Kingdom.

FORECASTS FOR THE 24 HOURS NOON TUESDAY

TO NOON WEDNESDAY.

- | | |
|---|--|
| 0 | } Wind between N. and E., fresh at times locally; cloudy to dull. |
| 1 | |
| 2 | } some rain; very cool. |
| 3 | |
| 4 | } Light Variable E. breezes; cloudy to dull, some rain, local mist; air close, temperature below the normal. |
| 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 | } Same as Nos. 3 to 5. |
| 7 | |
| 8 | } Same as Nos. 3 to 5. |
| 9 | |
| 10 | } Same as Nos. 3 to 5. |
| 11 | |

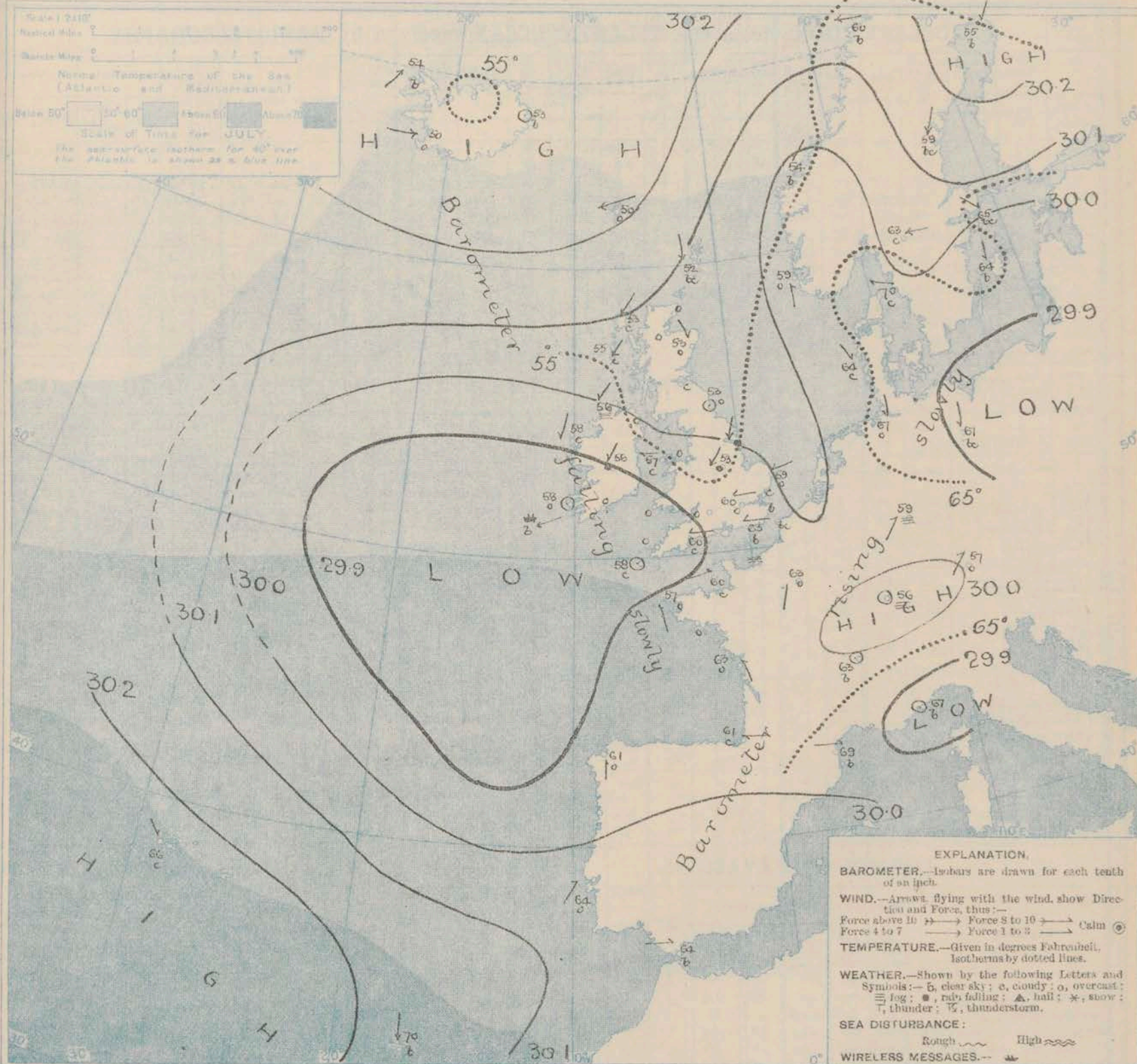
11 WESTERN CHANNEL AND BAY.

E. and S.E. breezes, light to moderate; sea slight or smooth; cloudy to dull, some rain, mist or fog; cool.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M.

TUESDAY, 23RD JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.2 in. at the Azores, about Iceland and the Faeröe, and over Lapland. It is below 29.9 in. at all our southwestern stations and thence out to sea, on the Riviera and over East Prussia. The gradient is everywhere slight.

Winds from between N. and E. and S.E. prevail over nearly the whole of the region under observation, few stations reporting more than a gentle breeze. Over the British Isles temperature ranges from 51° at Wick to 60° or 63° over southern and south-eastern England; on the Continent from 56° at Belfort

to 69° at Perpignan; in Scandinavia from 54° at Christiansund to 65° at Stockholm and Faeröe; and in Iceland from 50° to 63°. The weather is fine and clear in the south of France and in many parts of Scandinavia and Iceland, but elsewhere it is mostly very cloudy to overcast and dull, rain is falling at a few of our home stations, and in several regions the atmosphere is misty to foggy. The sea is slight to very smooth on all coasts.

DAILY WEATHER REPORT.

Tuesday, 23rd July, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirac.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirac.	Force.	
23rd 7am	51	12	Haverford	H	29.82	-0.2	ENE	4-5	b										
12nd. 6pm	51	12	Seaham	O	29.86	+0.6	N	4-5	bc										
" "	51	15	Haverford	H	29.91	-0.2	NE	4-5	o										
" "	49	12	Vaderland	O	29.87	-0.5	SW	1-3	o										
" 1pm	49	10	Vaderland	O	29.94	+0.2	NW	4-5	c										
" 7am	49	17	Philadelphia	O	29.70	-0.6	WSW	4-5	r										
" "	49	18	Gavonia	O	29.88	-0.8	NW	1-3	r										
" "	50	20	Haverford	H	29.93	-0.7	NNE	4-5	o										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.					hr.	Ramsgate ...	In.					hr.
Oban ...	-	70	49	bc-b	b	10.5	Margate ...	0.11	65	55	r-o	o-b	1.7
Stonhaven ...	-	62	49	b-bc	b	1.5	Deal ...	0.06	64	51	o-cp	bc	1.5
St. Andrews ...	-						Littlestone ...	0.14	64	51	o-cp	bc	2.0
Carnoustie ...	-	59	49	c	c	3.5	Folkestone ...	0.03	65	55	r-o	bc	3.8
England, N.E.							Hastings ...	0.07	66	56	o-p	bc	3.0
Harrogate ...	0.03	59	50	o	c-o	0.1	Bexhill-on-Sea ...	0.05	65	58	d-o	bc-c	3.7
Scarborough ...	0.06	60	54	o-c	o-c	0.0	Eastbourne ...	0.04	64	55	b-bc	o	4.5
England, N.W.							Seaford ...	0.03	70	53	r-bc	o	3.5
Blackpool ...	0.04	61	53	o	o-p-r	0.0	Brighton ...	0.02	67	52	c-r-o	o	0.5
Southport ...	0.10	60	51	c-r	c-r	0.0	Worthing ...	0.01	67	51	c	c	1.2
Buxton ...	-	62	53	bc	o	0.5	Bognor ...	-	67	56	bc-b	bc-b	0.6
Douglas ...	-						Southsea ...	-	67	56	bc-b	bc-b	0.0
Wales.							Bournemouth ...	-	64	52	o	o	0.0
Rhyl ...	0.01	64	55	o	o	0.0	Weymouth ...	-	65	56	o	o	0.0
Colwyn Bay ...	-	63	56	o-bc	b-bc	0.0	Teignmouth ...	-	64	58	o-c	o	0.0
Llandudno ...	-	64	58	o	o	0.0	Torquay ...	0.01	65	59	o	o	0.6
Bettws y-Coed ...	-	65	58	o	o	0.1	Paignton ...	-	62	59	o	o	0.0
Aberystwyth ...	-	69	60	o-c	o	1.0	Weston-super-Mare ...	0.02	?	53	b-bc	o	0.5
England, E.													
Skegness ...	0.05	63	57	o	o-d-r	0.0							
Lowestoft ...	-	69	60	m-o-bc	bc-m-o	0.7							
Felixstowe ...	-	65	57	o-c-o	p-l-r-b	1.5							
Southend-on-Sea ...	0.05	65	57	o-c-o	p-l-r-b	1.5							

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				Max.	Min.	Min. on Grass.	Night.	Fore-noon.	After-noon.	
			Max.	Min.		Max.				Min.		Max.							Min.
	24 HOURS ENDED 9 A.M. TO-DAY.																		
Greenwich (Royal Obsev.) ...	%	%	*	*	*	In.				Hr.	Dublin to 4 p.m.	In.						Hr.	
City (Bunhill Row) ...	81	78	70	56	46	0.15	o p	o p	bc p	0.4	Plymouth to 9 p.m.	0.13	62	57	56	0	o g	0	
Westminster (St. James's Pl.)	83	82	66	58	54	0.16	r-bc	r-bc	r-bc	0.0	Darwen								
Camden Sq. (Brit. Rainfall)	93	90	68	55	52	0.24	o	o-r-o	o-r-o	0.0	Manchester							0.0	
Hampstead (Reservoir) ...	*	92	68	55	45	0.19	o-bc	o-r-m	o-r-m	0.0	Birmingham	0.19	60	55	*	0	o-r	0	
24 HOURS ENDED 5 P.M. YESTERDAY.																			
South Kensington ...	*	*	68	55	46	0.07	c-o	o-p-o	o-r-o	0.0									
" (Roof of M.O.)	76	79	68	57	*	*	c-o	o-p-o	o-r-o	0.0									

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

23rd July, 1912.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.0	G.M.T. 11.59	G.M.T. 7.58
Greenwich ...	4.12	12.6	8.0
Wick ...	3.45	12.18	8.51
Valencia ...	4.50	12.47	8.44

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 70° at Oban and Seaford, while a number of northern stations did not touch 60°. Rain fell in many parts of England and Ireland, $\frac{1}{2}$ inch at Nottingham. Castlebay reports 12 $\frac{1}{2}$ hours of bright sunshine, but as a rule the records were very small, none in many places. As far west as the 22nd meridian ships experienced cyclonic S.W. to S.E. breezes, light to moderate in force, and fair to dull and rainy 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.

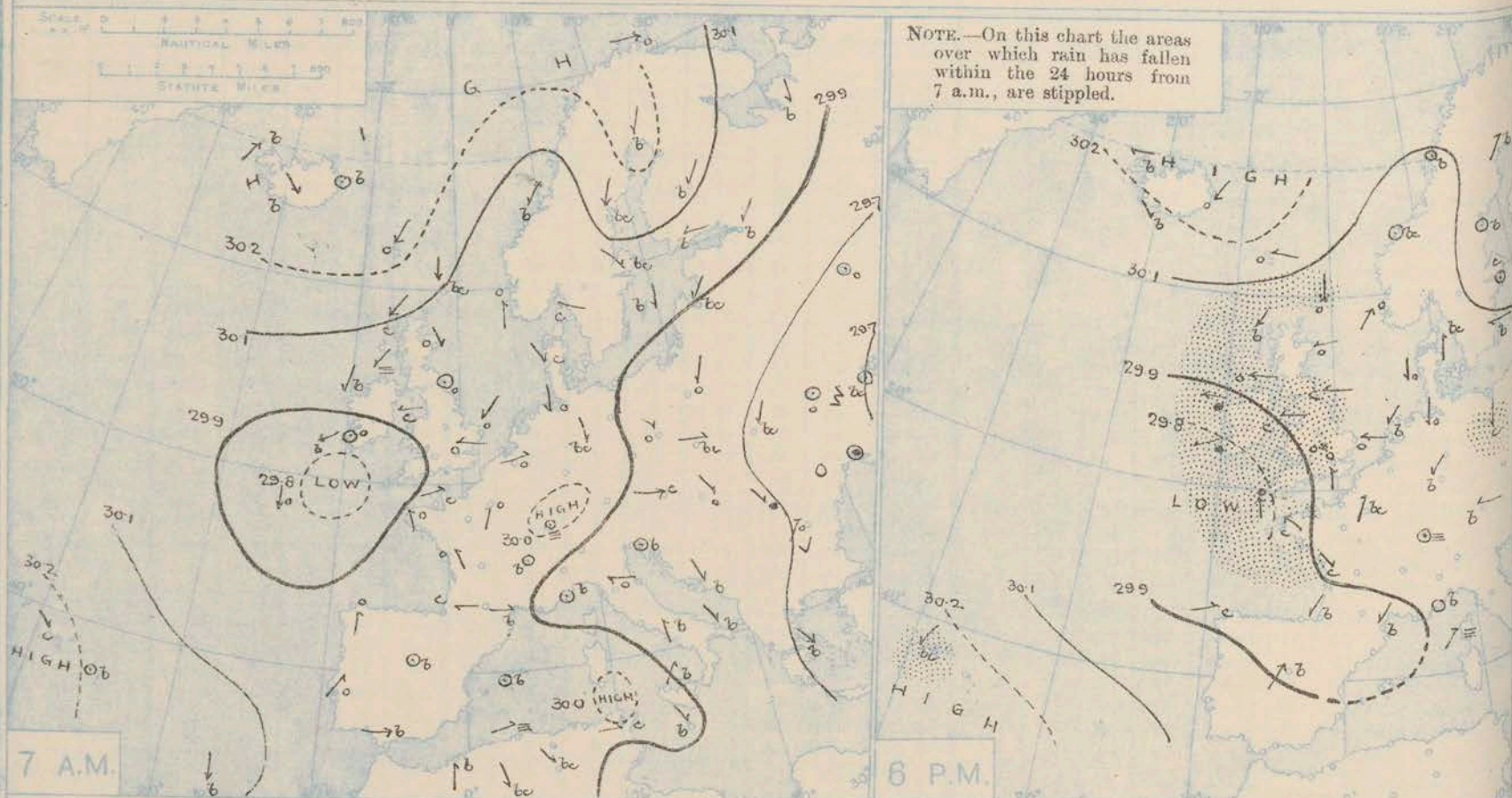
Wednesday
24th July, 1912.

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 (10 to 9).	Rain- fall.	Temp.		Weather.							
			At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.		Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Force (0 to 12).			Direction.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.				
Lerwick	30.07	53	M	5	o	30.09	+0.2	53	+1	NNW	1	c	0	55	50	c	ond	c	*				
Stornoway	30.05	55	NE	5	b	30.03	-0.1	53	0	NE	3	c	3	60	48	c.b	b	bc	11.5				
Castlebay (Barra Isd.)	29.97	59	NE	3	bog	29.98	+0.1	54	-1	E	3	op	3	62	53	c.o	o.bog	bc.op	5.3				
Malin Head	29.92	57	E	4	o	29.90	+0.1	53	-3	E	5	m	2	59	51	by	om	opm	*				
Blackrod Point	29.88	59	E	4	r	29.81	0.0	58	0	E	3	o	2	61	55	om	opm	opm	*				
Valencia	29.76	61	ENE	1	op	29.70	-0.1	59	+1	ENE	1	c	3	63	56	omp	opm	cp	0.0				
Roche's Point	29.78	59	SE	3	o	29.75	*	60	+1	ESE	4	c	4	61	57	r	r.om	or.c	*				
Birr Castle	29.83	59	SE	2	r	29.79	*	56	0	E	1	c	4	65	54	o.c	b.o.r	o.c	0.7				
Donaghadee	29.94	55	E	3	o	29.91	+0.1	54	+2	ESE	3	o	3	56	52	om	om	opm om	*				
Liverpool Obsy.	29.92	60	ESE	3	o	29.92	0.0	58	+5	E	2	o	2	62	53	og	op	o	0.1				
Holyhead	29.90	61	E	2	o	29.87	0.0	60	+3	NE	1	c	1	65	56	cme	cudp	cm	*				
Pembroke (St. Ann's Hd.)	29.85	59	-	0	c	29.81	+0.2	59	+2	SE	4	cqp	4	62	56	ogm	cgm	c	0.0				
Newquay	29.82	59	ESE	2	o	29.79	0.0	60	+1	SE	4	o	1	64	55	of.ov	cv.ov	op.ov	1.0				
Scilly (St. Mary's)	29.78	59	SE	6	op	29.71	-0.2	59	+1	SSE	5	cm	5	65	56	c	op	or	0.2				
Jersey (St. Aubin)	29.90	65	SE	3	cm	29.92	*	62	+2	SSE	3	ogpm	3	67	60	acm	cm	c.ogm	4.7				
Portland Bill	29.90	61	ESE	2	c	29.89	+0.1	61	+1	SSE	2	c	2	65	59	c	c	c	*				
Dungeness	29.90	64	E	2	bc	29.93	+0.2	64	+1	SE	2	c3	2	69	57	c	c	o.c	*				
Dover	29.94	64	NE	3	bc	29.94	*	64	+1	SSE	2	b.	2	70	58	bc.c	bc.c	c.o.c3	6.0				
Wick	30.06	53	NE	2	c	30.08	+0.1	52	+1	NE	3	o	3	54	37	a.cm	bc.c	bc.om	*				
Nairn	30.04	54	E	3	c	30.04	*	52	0	ESE	2	c	2	57	46	c	c	c	1.7				
Aberdeen	30.06	55	ENE	3	o	30.08	+0.1	54	+1	E	2	o	2	61	52	c.bc	bc.c.o	o	4.1				
Leith	30.03	57	ENE	3	bc	30.01	0.0	54	+1	E	3	o	*	59	52	c.o	o.bc	bc.o	*				
North Shields	30.03	58	E	2	c	30.02	0.0	55	+2	NE	2	r	3	57	50	-	-	c.r	0.4				
Spurn Head	30.00	56	NE	4	c	29.97	0.0	60	+5	ESE	5	o	5	60	52	o.c	c	c.t.o	*				
Yarmouth	29.98	61	E	4	c	29.97	0.0	64	+5	E	3	b	2	65	59	o.c	c	c.b	4.1				
Clacton-on-Sea	29.94	64	ENE	4	o	29.94	0.0	65	+2	SE	2	bc	2	68	61	c.bog	bge.o	o.c.bog	4.6				
Nottingham	29.95	57	E	3	r	29.94	*	59	+6	E	1	o	*	62	53	dm.o	obr	r.o	0.0				
Bath	29.90	67	S	1	o	29.91	*	62	+2	SE	1	o	*	69	57	-	-	-	2.0				
Oxford	29.92	61	-	0	o	29.94	*	61	+3	SSE	2	o	*	69	56	o.cm	o.th.p	oup.c	*				
London (Kew Obsy.)	29.91	69	S	1	o	29.94	+0.2	63	+3	SE	1	om	*	73	58	om.o	ob.c	o.om	1.2				
Isafjord	30.22	58	E	2	b	30.16	-0.1	50	-4	-	0	f	*	*	*	*	GALES.						
Reykjavik	30.20	55	W	1	o	30.13	0.0	52	+2	W	1	o	*	*	*	*	Duration and Extreme Force on British Coasts.						
Vestmanna	30.19	58	NW	3	b	30.13	-0.2	51	+1	-	0	m	0	*	*	*							
Seydisfjord	30.21	56	NE	4	o	30.15	+0.1	50	-3	ESE	1	f	*	*	*	*							
Thorshavn	30.19	53	E	3	o	30.17	-0.1	50	0	ENE	2*	o	*	*	*	*							
Haparanda	30.16	54	SW	2	b	30.00	-0.4	63	+8	SE	4	b	*	63	54	*							
Hernösand	30.17	53	-	0	b	30.10	-0.1	63	+4	-	0	b	*	63	48	*							
Stockholm	30.13	63	-	0	c	30.16	+0.1	63	+3	WSW	2	bc	*	73	57	*							
Wisby	30.10	63	E	2	b	30.19	+0.4	64	0	-	0	b	*	73	55	*							
Karlstad	30.10	68	-	0	c	30.17	+0.2	65	+2	-	0	b	*	73	57	*							
Færder (X'tania Fiord)	30.06	70	NE	1	c	30.15	+0.2	68	+3	-	0	b	1	73	63	*							
Bodö	30.06	59	-	0	b	30.11	+0.1	53	-7	WNW	1	b	1	63	50	*							
Christiansund	30.01	61	-	0	bc	30.13	+0.2	59	+5	-	0	b	1	61	54	*							
Skudesnaes	30.02	60	SW	4	o	30.14	+0.3	60	+1	SW	2	o	2	63	57	*							
The Scaw (Skagen)	30.04	70	S	1	bc	30.13	+0.4	69	-1	SSW	2	?b	0	79	66	*							
Blaavands Huk	30.05	62	N	2	o	30.11	+0.5	67	+3	SSE	2	b	1	66	52	*							
Cuxhaven	30.01	67	N	3	o	30.08	+0.3	64	-3	ESE	3	b	*	70	63	*							
The Helder	30.00	65	ENE	3	b	30.02	+0.1	66	+2	E	1	b	1	68	64	*							
Brussels	29.96	66	SW	1	r	29.97	+0.1	68	+6	SSE	1	b	*	78	59	*							
Berlin	29.95	70	N	3	c	30.04	+0.3	63	-4	N	1	bc	*	77	63	*							
Frankfurt	29.99	64	NE	2	b	30.04	+0.2	63	+4	NE	1	b	*	75	57	*							
Munich	29.99	61	E	1	b	30.05	+0.1	59	+2	E	1	b	*	68	50	*							
C. Gris Nez	29.92	64	ESE	4	c	29.95	+0.2	65	+2	-	0	bc	1	73	59	*							
La Hève	29.93	63	-	0	m	29.89	*	70	+11	E	1	m	1	77	57	*							
Brest (St. Mathieu)	29.85	59	SE	4	c	29.84	+0.3	59	+2	SSE	5	bc	3	64	57	*							
Lorient (Bec Melen)	29.88	63	S	3	o	29.86	*	62	+3	SSE	3	bc	3	68	57	0.04							
Rochefort (Ile d' Aix)	29.92	66	NW	2	c	29.91	*	64	+1	NE	3	o	*	75	59	Trace							
Biarritz	29.89	68	NE	3	b	29.96	*	64	+3	SW	2	b	2	77	61	*							
Paris	29.93	73	SSW	2	b	29.95	-0.1	64	+1	ENE	1	b	*	76	55	*							
Belfort	29.94	72	-	0	m	30.04	*	61	+5	E	3	m	*	77	55	*							
Lyons	29.91	68	-	0	b	29.97	+0.4	68	+1	-	0	b	0	79	59	*							
Nice	29.88	72	NE	3	b	29.92	+0.3	70	+1	NW	2	o	*	78	62	*							
Perpignan	29.91	77	SW	2	m	29.93	*	72	+1	SE	1	m	2	82	66	*							
Sanguinaire	29.91	77	SW	2	m	29.93	*	72	+1	SE	1	m	2	82	66	*							
Corunna (8 a.m.)	29.87	67	WSW	3	c	29.91	0.0	61	0	SSW	1	b	2	68	57	*							
Lisbon (9 a.m.)	29.96	64	W	5	?	29.97	*	64	0	W	4	bc	*	*	*								
Gibraltar	29.96	64	W	5	?	29.97	*	64	0	W	4	bc	*	*	*								
Azores (P. Delgada)																							
Azores (Horta)	30.26	68	NE	1	bc	30.23	0.0	66	0	-	0	bc	1	79	64	*							
Madeira (Funchal)																							

* 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. 23rd JULY.



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

Between an anticyclone stretching from Iceland to the Baltic, and an extensive depression beyond our south-western coasts, the weather is likely

to be of a changeable character during the ensuing 24 hours.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

0 { a } light E^{ly} breezes; fine to
b } dull, local showers; cool.

1 { }

2 { a }
b } light S.E.^{ly} and S.^{ly} breezes;

3 { fine to dull, some rain,
thunder in places; close
atmosphere, temperature about
the normal.

4 { a }
b }

5 { }

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday.

South Cone. ⚡
North Cone. ⚡

Signals hoisted this morning.

South Cone. ⚡
North Cone. ⚡

NO WARNINGS

ISSUED

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

7 { a } light E.^{ly} and S.E.^{ly} breezes, fine to
b } dull, some showers, local thunder;
cool, yet close atmosphere.

8 { a } S.E.^{ly} and S.^{ly} breezes, fresh at times;
b } fair to dull, some rain, thunder in places; cool, close.

9 { a } E.^{ly} and S.E.^{ly} breezes, fresh at
b } times locally, fair to dull, some
rain, thunder in places; cool,
close.

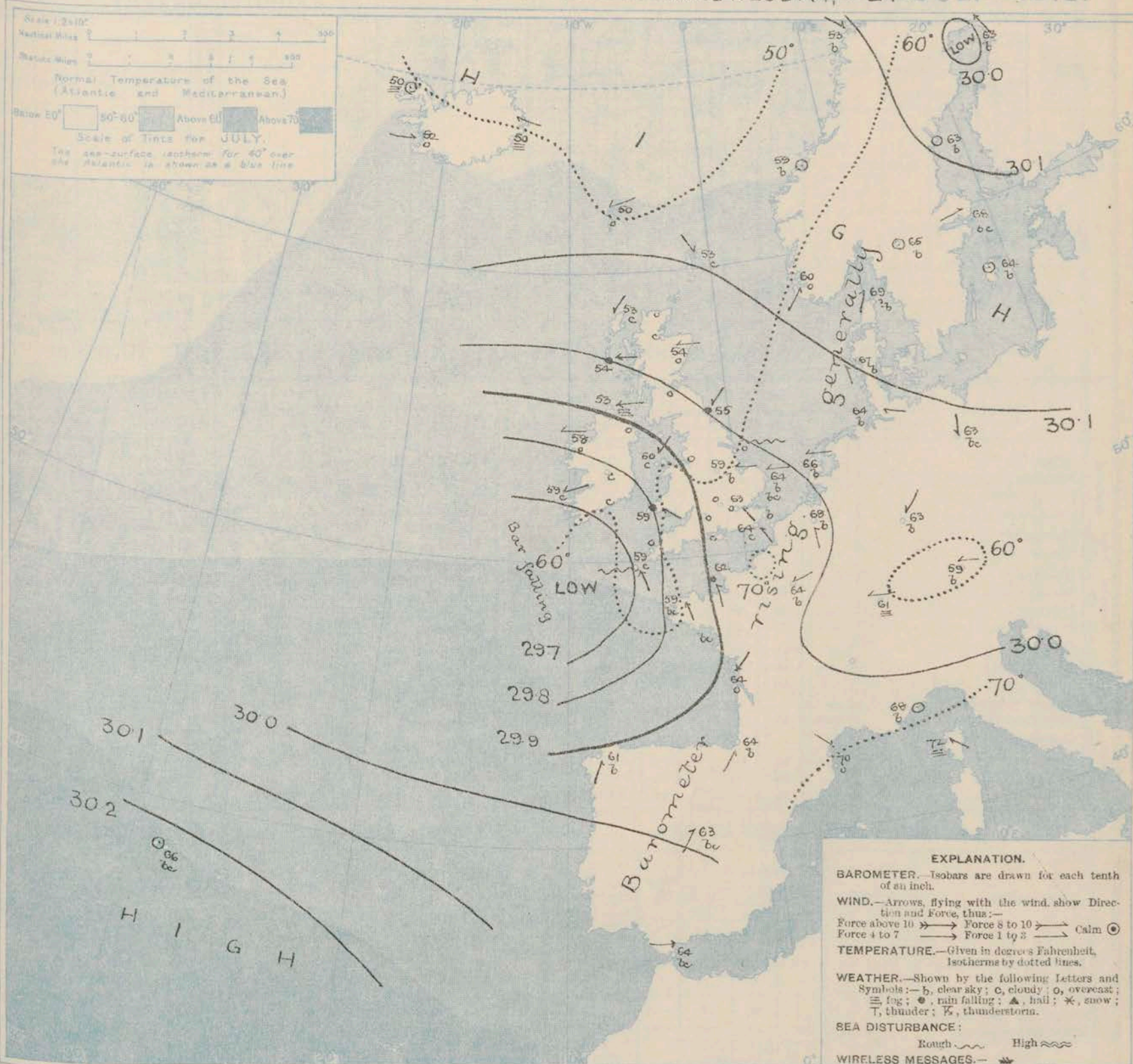
10 { a }
b }

11 WESTERN CHANNEL AND BAY.

S.E.^{ly} and S.^{ly} winds, fresh or strong at times; sea slight to rough; fair to dull, some rain, mist or fog; cool.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. WEDNESDAY, 24TH JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is at about 30.2 in. over the Azores, and in an anticyclone stretching from Greenland and Iceland down to the Baltic and Russia. In a low pressure system centred beyond our southwestern coasts the barometer is below 29.7 in. The gradient is moderate about the Bay region, very slight elsewhere.

Winds from between E. and S. prevail over the British Isles and Western Europe, a fresh breeze being reported in isolated situations. Within the high pressure area calms and very light variable

breezes are reported. Over the British Isles temperature ranges from 52° or 53° at some northern stations to 65° at Clacton-on-Sea; on the Continent from 59° at Brest and Munich to 70° at Havre and Perpignan; in Scandinavia from 53° at Bodö to 68° at Stockholm and Faerder; and in Iceland from 49° to 52°. Fine, clear weather prevails over Southwestern, Central and Northern Europe, but over the British Isles the sky is mostly very cloudy to overcast and dull, and in Iceland there is much mist or fog. Showers are falling at a few home stations, and a thunderstorm is in progress in the west of France.

DAILY WEATHER REPORT.

Wednesday, 24th July, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WRA-THRE.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WRA-THRE.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
23rd 7am	48	16	Vaderland	0	29.81	+0.3	N	6-7	0										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.					Hr.	Ramsgate ...	In.					Hr.
Stonehaven ...	-	66	51	bc. 7	7	9.5	Margate ...	0.05	72	52	r. 0	0. 8	4.6
St. Andrews ...	-	60	45	c. bc	6	7.5	Deal ...	-	71	56	sm. bc	c	4.3
Carnoustie ...	-	60	42	b	6	10.6	Littlestone ...	-	-	-	-	-	5.5
England, N.E.							Folkestone ...	-	71	59	c. bc	bc. c	5.7
Harrogate ...	-	57	49	0	0	0.0	Hastings ...	0.03	69	60	c	c. 0	1.7
Scarborough ...	-	59	53	0	0	0.5	Bexhill-on-Sea ...	0.04	67	61	c. 0	0. bc. 0	1.5
England, N.W.							Eastbourne ...	-	67	61	-	-	1.6
Blackpool ...	0.11	63	50	r. 0	c. 0	0.8	Seaford ...	-	69	59	bc	bc. c	2.8
Southport ...	0.08	63	50	0	0. bc. 0	0.1	Brighton ...	-	66	59	0. c	c. 0	0.5
Buxton ...	Trace	55	48	0	0. 0	0.0	Worthing ...	-	68	58	c	c	1.2
Douglas ...	0.02	58	53	0. 0	0	0.0	Bognor ...	-	-	-	-	-	2.5
Wales.							Southsea ...	-	69	57	bc	bc	2.5
Rhyl ...	0.06	63	53	0	0	0.3	Bournemouth ...	0.16	67	56	0	c. 0	0.4
Colwyn Bay ...	0.09	63	54	bc. 7	bc. c	0.0	Weymouth ...	0.18	67	57	0. bc	bc. 0	0.5
Llandudno ...	-	64	54	0	0	0.0	Teignmouth ...	0.09	65	57	c	bc	1.0
Bettws y-Coed ...	-	-	-	-	-	-	Torquay ...	0.08	65	57	0	c. 0	0.9
Aberystwyth ...	0.18	66	55	r. 0. c	c. 0	0.0	Paignton ...	0.10	66	57	0	0	1.1
England, E.							Weston-super-Mare ...	0.04	68	55	c	bc. bc. c	1.5
Skegness ...	-	65	60	0. c	c. bc. c	4.0							
Lowestoft ...	0.52	67	56	m. 0. bc	bc. 0	6.5							
Felixstowe ...	-	67	56	m. 0. bc	bc. 0	6.5							
Southend-on-Sea ...	-	70	57	d. c. bc	d. c. 0	3.8							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain-fall.	WEATHER.			Sun-shine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.	
Greenwich (Royal Obs.) ...	81	69	72	57	49	0. c	0. p. c	0. c. bc	1.2
City (Banhill Row) ...	-	-	-	-	-	-	-	-	0.6
Westminster (St. James's Pk.)	78	68	71	60	55	0. 0.2	bc	bc. r	1.6
Camden Sq. (Brit. Rainfall)	83	70	73	57	54	0. 0.7	0. c	0. r. 0	1.2
Hampstead (Reservoir) ...	-	73	68	58	47	0. 0.4	c. 0. r	sm. c	0.9
24 HOURS ENDED 9 A.M. TO-DAY.									
South Kensington ...	-	-	71	58	55	0. 0.2	0	0. p. 0	1.2
" (Roof of M.O.)	67	61	71	58	-	0	0. p. 0	0. p. 0	1.2
24 HOURS ENDED 6 P.M. YESTERDAY.									
						Night.	Forenoon.	Afternoon.	

Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		WEATHER.		Sun-shine.
		In Screen.	Min. on Grass.	Night.	Forenoon.	
Dublin to 4 p.m.	0.25	61	56	55	0. r	rg. 0
Plymouth to 9 p.m.	0.01	64	57	56	bc. v	0
Darwen "	0.14	59	49	48	0. r	bc
Manchester "	-	-	-	-	-	-
Birmingham "	0.24	61	52	49	0	0. r. 0

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

24 & 25 July, 1912	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.2	G.M.T. 11.59	G.M.T. 7.56
Greenwich ...	4.3	11.59	7.54
Wick ...	4.13	12.6	7.59
Valencia ...	4.47	12.18	8.49
	4.49	12.18	8.47
	4.52	12.47	8.42
	4.54	12.47	8.41

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature touched 73° at Kew Observatory, and between this and 70° at a few other places in the southeast, but in the northern districts many of the maxima were below 60°, only 54° at Wick. Rain has fallen in many localities, and thunderstorms have occurred in various parts of England. During a thunderstorm at Oxford 0.7 in. of rain fell in 19 minutes, and at Rothwell, Northants, 0.8 in. in two hours. Stormy registered 11½ hours of bright sunshine, and other parts of Scotland exceeded 10 hours, but elsewhere the records were very small, none in several places.

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

1912.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

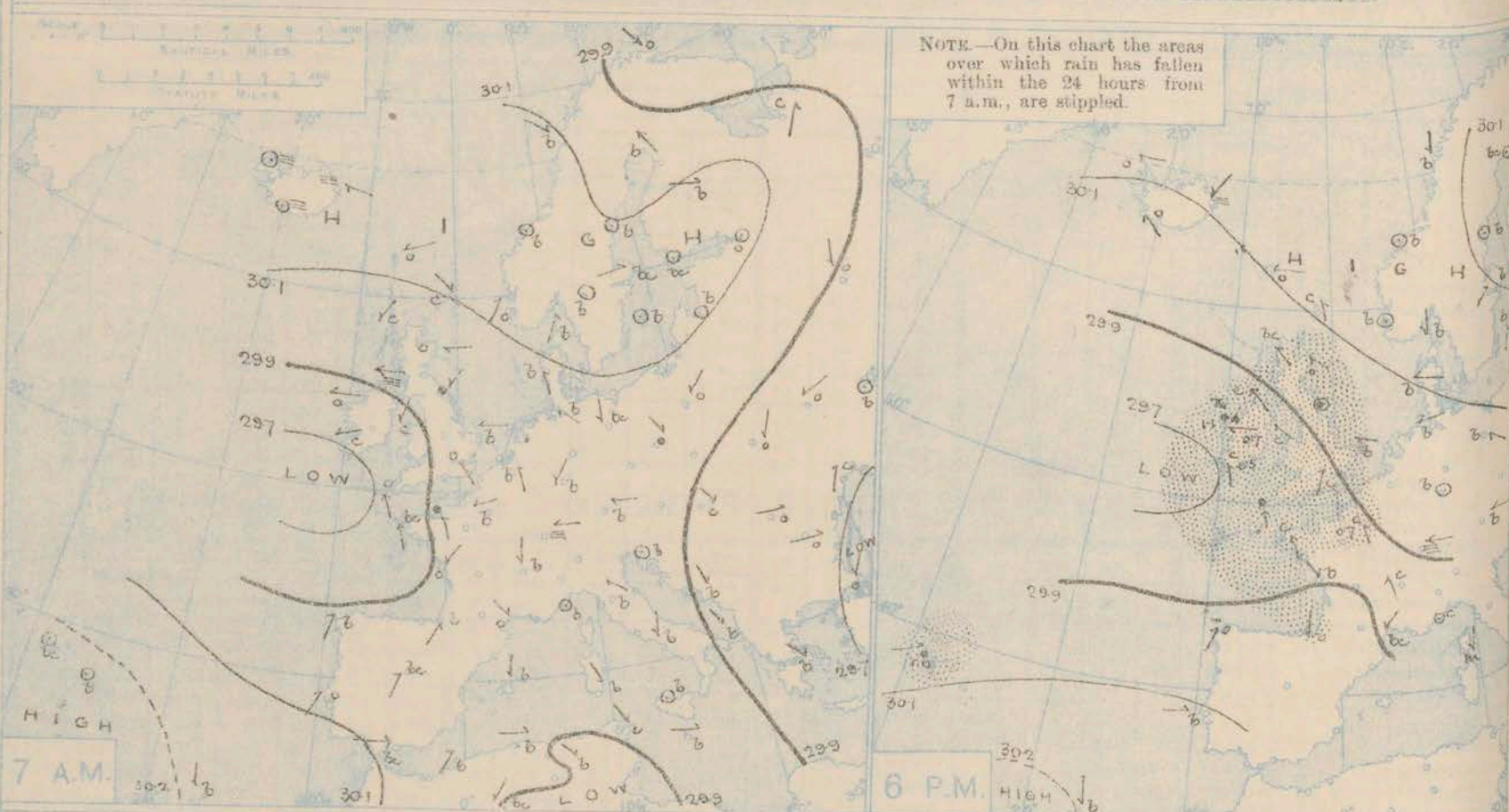
Thursday
25th July, 1912.

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 35° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.				Dirac.	Force (0 to 12).				At 35° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	
Lerwick	30.12	56	SSE	1	c	30.10	-0.2	56	+3	E	5	bc	2	-	60	51	bc	bc	bc	3.5				
Stornoway	29.99	60	SE	2	bc	29.94	-0.2	58	+5	NE	2	c	2	-	61	51	c	c-bc	bc-cg	0.6				
Castlebay (Barra Isd.)	29.93	59	ENE	3	o	29.87	-0.2	59	+5	ENE	4	o	3	0.15	60	52	op o	o	alp o					
Malin Head	29.85	57	SE	4	cmq	29.81	-0.2	55	+2	SE	2	om	1	0.10	58	52	gpm	gmtr	bcq					
Blacksod Point	29.78	56	E	2	clrhq	29.69	-0.2	58	0	E	4	o	3	1.06	66	52	om	clrh	opm					
Valencia	29.70	62	SSE	2	c	29.61	-0.2	57	-2	-	0	o	2	0.02	68	54	c	ct	cp	5.2				
Roche's Point	29.73	59	SE	4	o	29.63	-	57	-3	S	4	o	4	0.53	62	55	c-o	op	op					
Birr Castle	29.78	64	SE	3	c	29.66	-	56	0	SE	2	r	2	0.71	68	55	bc-c	tlrh	or	4.3				
Donaghadee	29.89	60	ESE	2	b	29.82	-0.2	56	+2	ENE	1	m	1	-	62	54	bc	bc-m	omw					
Liverpool Obsy.	29.88	65	SE	3	bc	29.82	-0.2	60	+2	SE	2	o	1	0.21	68	58	op	bc-tp	og	1.2				
Holyhead	29.86	64	ESE	3	c	29.79	-0.2	59	-1	ESE	1	c	1	Trace	72	54	omw	ct	om					
Pembroke (St. Ann's Hd.)	29.82	61	SE	3	c	29.73	+0.1	59	0	SSE	5	cap	5	0.02	65	58	cap	cap	c	6.1				
Newquay	29.79	61	SE	5	c	29.74	-0.2	59	-1	S	3	c	1	0.19	65	57	c-bc	bc-c	bc-c	5.6				
Scilly (St. Mary's)	29.74	61	SSE	5	cmq	29.70	+0.3	58	-1	S	4	capm	5	0.08	65	55	cpm	cmq	cmq	2.0				
Jersey (St. Aubin)	29.89	69	SSE	2	cmq	29.87	-	61	-1	S	3	cm	3	Trace	70	58	bc	ogm	ogm	4.9				
Portland Bill	29.89	63	SSE	3	bc	29.84	+0.1	61	0	SSW	4	c	3	-	67	58	c	c	bc-c					
Dungeness	29.89	68	ESE	3	c	29.84	+0.1	64	0	SW	3	c	3	Trace	72	62	c-bc	c-t	c-lap					
Dover	29.91	68	NE	1	c	29.85	-	65	+1	SW	3	bc	2	0.11	75	61	bc-bc	bc-c	atrh	10.6				
Wick	30.05	54	SE	2	c	29.98	-0.2	54	+2	ESE	2	f	2	0.13	55	51	o	o-c	omf					
Nairn	29.98	65	ESE	1	bc	29.93	-	58	-	E	1	o	1	0.01	68	51	c	bc	r-o	3.0				
Aberdeen	30.05	57	ESE	1	o	29.95	-0.1	57	+3	-	0	f	2	0.22	62	54	o	op	or-f	0.0				
Leith	29.97	57	NE	1	o	29.88	-0.2	56	+2	NE	2	rm	2	0.12	59	53	op	c	op					
North Shields	29.97	56	-	0	fp	29.89	-0.2	56	+1	-	0	tlrf	2	0.29	57	54	-	-	-	0.0				
Spurn Head	29.93	62	E	4	c	29.85	-0.2	60	0	ENE	3	c	4	0.17	60	57	cm	cm	cm					
Yarmouth	29.95	67	ESE	1	b	29.86	-0.3	64	0	E	1	bc	1	0.28	71	62	b-bc	bc-b	o-trl	11.9				
Clacton-on-Sea	29.92	69	ESE	2	bc	29.85	-0.2	65	0	S	2	o	2	0.09	72	62	bc	bc	bc-trl	9.5				
Nottingham	29.90	65	N	1	o	29.83	-	62	+3	E	1	cpm	*	0.09	74	59	o-c	c-trl	sp	2.1				
Bath	29.89	70	SW	2	bc	29.85	-	60	-2	S	1	o	*	0.02	74	54	-	-	-	5.8				
Oxford	29.89	67	S	2	c	29.85	-	66	+5	-	0	bc	*	0.01	73	58	c	c	c					
London (Kew Obsy.)	29.90	74	SSW	2	cv	29.86	-0.2	62	-1	SW	1	om	*	-	79	60	om-c	c-cr	c-b-c	7.3				
Isafjord	30.12	54	E	3	o	30.03	+0.6	51	+1	E	1	b	*	-	-	-	-	-	-					
Reykjavik	30.04	57	W	3	c	30.12	+0.2	50	-2	-	0	o	*	-	-	-	-	-	-					
Vestmanna	30.08	54	SSE	2	o	30.14	+0.4	51	0	-	0	o	1	-	-	-	-	-	-					
Seydisfjord	30.10	51	NE	3	f	30.19	+0.3	48	-2	-	0	o	*	-	-	-	-	-	-					
Thorshavn	30.15	54	E	1	o	30.09	-0.2	51	+1	ESE	1	o	*	-	-	-	-	-	-					
Haparanda	30.00	61	-	0	bc	30.07	-0.2	61	+2	E	2	b	*	-	75	48	-	-	-					
Hernösand	30.05	64	-	0	b	30.13	+0.2	69	+6	-	0	b	*	-	72	54	-	-	-					
Stockholm	30.11	66	SW	2	b	30.11	+0.1	71	+3	WNW	2	b	*	-	77	61	-	-	-					
Wisby	30.17	63	S	2	b	30.17	-0.2	69	+5	WSW	4	b	*	-	72	61	-	-	-					
Karlstad	30.13	69	-	0	bc	30.16	-0.2	67	+2	SW	2	b	*	-	75	57	-	-	-					
Färder (Xenia Fjord)	30.15	68	SW	2	m	30.16	+0.2	69	+1	WSW	2	m	1	-	73	66	-	-	-					
Bodö	30.16	53	N	2	b	30.14	-0.1	52	-1	E	1	o	1	-	54	45	-	-	-					
Christiansund	30.15	62	-	0	b	30.16	-0.2	58	-1	-	0	f	0	-	63	57	-	-	-					
Skudesnaes	30.16	63	-	0	b	30.11	-0.2	65	+5	E	2	b	2	-	64	57	-	-	-					
The Scaw (Skagen)	30.16	68	N	1	b	30.16	+0.1	68	-1	-	0	b	0	-	79	59	-	-	-					
Blaavands Huk	30.10	66	E	2	b	30.07	-0.1	67	0	ESE	3	bc	2	-	77	57	-	-	-					
Cuxhaven	30.05	69	ENE	3	b	30.01	-0.2	65	+1	E	3	b	*	-	73	63	-	-	-					
The Helder	29.97	71	NE	3	b	29.91	-0.1	70	+4	ESE	2	b	1	-	77	66	-	-	-					
Brussels	29.90	71	E	1	b	29.90	+0.1	64	-4	WSW	1	o	*	-	84	59	-	-	-					
Berlin	30.03	71	SE	1	b	30.04	+0.1	68	+5	SE	1	b	*	-	79	59	-	-	-					
Frankfurt	29.96	71	-	0	b	29.93	-0.2	66	+3	NE	1	m	*	-	82	61	-	-	-					
Munich	29.98	64	E	1	b	29.94	-0.1	61	+2	NE	2	b	*	-	73	52	-	-	-					
C. Gris Nez	29.89	66	NE	3	tlr	29.87	-0.2	65	0	S	4	bc	2	0.12	75	63	-	-	-					
La Hève	29.91	64	NE	2	o	29.89	-	63	-7	SW	2	bc	2	0.04	79	57	-	-	-					
Brest (St. Mathieu)	29.85	65	SSE	5	c	29.84	+0.2	59	0	SSW	3	bc	5	0.12	75	54	-	-	-					
Lorient (Buc Melen)	29.88	63	SSW	4	c	29.85	-	62	0	SW	5	o	2	0.04	70	54	-	-	-					
Roche fort (de d' Aix)	29.90	67	NW	3	b	29.97	-	68	+1	WSW	3	bc	*	-	70	63	-	-	-					
Biarritz	29.93	68	N	3	o	29.99	-	61	-3	S	1	b	2	0.39	75	59	-	-	-					
Paris	29.84	75	SSE	2	tlr	29.89	-0.1	61	-3	W	4	r	*	0.71	84	58	-	-	-					
Belfort	29.96	72	E	4	m	29.94	-	63	+2	E	2	m	*	-	79	56	-	-	-					
Lyons	29.89	78	SE	1	c	29.99	-	64	-1	SSW	1	o	*	-	86	63	-	-	-					
Nice	29.96	67	-	0	c	29.94	+0.1	69	+1	-	0	b	1	-	79	61	-	-	-					
Perpignan	29.89	71	NE	2	o	29.97	+0.4	68	-2	W	3	o	*	0.04	79	64	-	-	-					
Sanguinaire	29.90	72	N	2	m	29.90	-	73	+1	SE	2	m	2	-	79	64	-	-	-					
Corunna (S. a. m.)	29.95	68	SW	3	o	29.95	+0.1	64	0	SSW	1	o	2											

* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The changes in pressure are very slight and afford no indication of a material change

in the general weather situation.

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

- 0 ^a_b } Light Variable E. ^{ly} breezes;
1 } changeable, some rain, thunder
in places, coast fog; moderate
2 ^a_b } temperature; air close.
- 3 } Calms and light Variable airs;
4 ^a_b } fine to dull, some rain, local
5 } thunder; warm and oppressive air.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

NO WARNINGS

ISSUED.

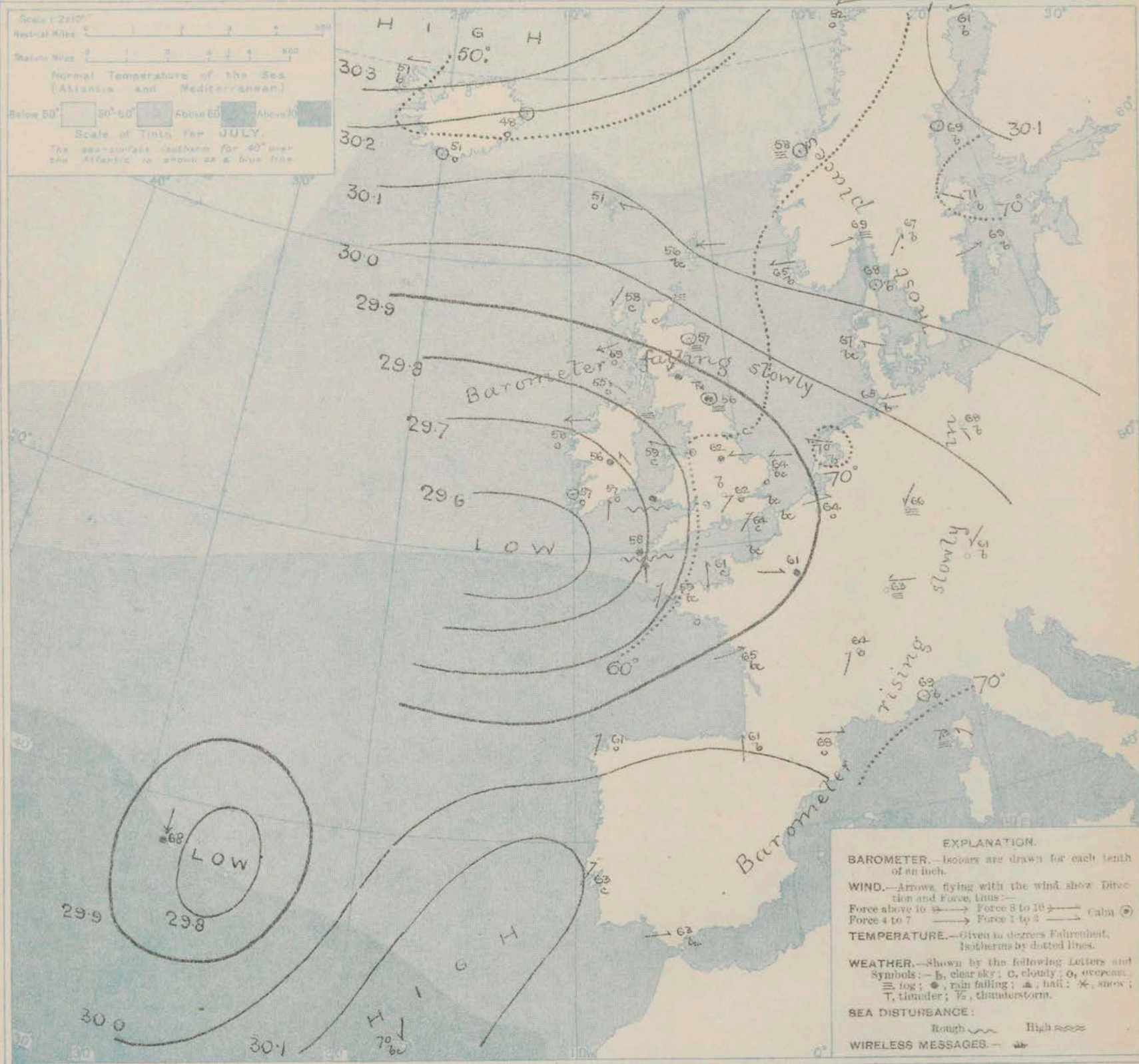
- 6 ^a_b } Light to moderate E. ^{ly} breezes; fair to
dull, local rain and thunder; cool.
- 7 ^a_b } Same as No. 3 to 5.
- 8 ^a_b } S. ^{ly} breezes, fresh at times; fine to
dull, some rain, local thunder;
warm and oppressive air.
- 9 ^a_b } Same as No. 6
- 10 ^a_b } Same as No. 8

11 WESTERN CHANNEL AND BAY.

S. ^{ly} and S.W. ^{ly} winds, fresh at times;
sea slight to rather rough; fair to
dull, some rain, mist or fog; cool

THE FURTHER OUTLOOK.

THURSDAY, 25TH JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is now above 30.3 in. between Iceland and Greenland, the high pressure system extending thence south-eastward as far as the Baltic and Russia. In a well marked depression off the southwest of Ireland pressure is down to about 29½ in. A depression has appeared over the Azores, where the barometer has dropped to about 29¾ in. The gradient is moderate about the Bay region, slight elsewhere.

Calms and very light breezes prevail within the high pressure area, E.^s to S.^s breezes in nearly all other localities, generally light, but a fresh breeze is reported locally in the southwest and in Shetland.

Over the British Isles temperature ranges from 54° at Wick to 64° or 65° on the southeast coast; on the Continent from 59° at Brest to 70° at the Rhelder; in Scandinavia from 52° at Bodö to 71° at Stockholm; and in Iceland from 48° to 51° . Very fine weather prevails over Sweden, Denmark and Germany, but in other regions the sky is mostly very cloudy to overcast, and rain is falling in various parts of the British Isles and at Paris and a thunderstorm is in progress at North Shields. There is a good deal of fog on our northeastern and Norwegian coasts. The sea is rather rough between Pembroke and Brest, on other coasts it is slight to very smooth.

DAILY WEATHER REPORT.

Thursday 25th July 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
					In.	In.		(0-12).							In.	In.		(0-12).	

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	Hr.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	Hr.
		Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.		
Scotland.	In.							Ramsgate ...	In.						
Oban ...	0.03	65	52	sp.c. bc	bc. bc	1.9		Margate ...		79	58			9.9	
Stonehaven ...	0.07	60	52	o.c	o.r	0.0		Deal ...		74	58	o. sm	bc. c	9.4	
St. Andrews ...								Littlestone ...						10.5	
Carnoustie ...	Trace	58	52	o	o	0.0		Folkestone ...		75	60	bc	bc. c	9.2	
England, N.E.								Hastings ...		75	58	c	bc. c. o	10.0	
Harrogate ...	0.32	67	50	o.c	bc. c. t	1.0		Bexhill-on-Sea ...		72	60	b	b. o	9.7	
Scarborough ...		59	54	of	of. r	0.0		Eastbourne ...		71	57	b. bc	o. r	9.2	
England, N.W.								Seaford ...		74	55	bc	b	7.9	
Blackpool ...	0.35	68	53	r. c. cl	cp	2.1		Brighton ...		70	57	bc. c	c. o	7.0	
Southport ...	0.26	67	53	o. bc. p. r	o. bc. p. r	0.9		Worthing ...		72	57	c	c	6.7	
Buxton ...	0.34	67	48	bc	bc	2.0		Bognor ...						4.8	
Douglas ...	0.21	65	54	o	c	3.2		Southsea ...		72	59	c. b	bc. o	5.0	
Wales.								Bournemouth ...		71	59	o. c	c. bc	6.5	
Rhyl ...	0.13	71	56	o	o. bc	2.5		Weymouth ...		70	60	o. bc	b	9.0	
Colwyn Bay ...	0.10	68	57	c. bc. o	p. bc. t	1.0		Teignmouth ...	0.06	69	59	c. bc	bc	7.7	
Llandudno ...	0.09	70	57	cp	cp	2.6		Torquay ...	0.04	66	59	bc	bc. c	6.1	
Bettws y-Coed ...		69	54	b	bc. c	2.3		Paignton ...	0.03	67	59	bc	bc	6.5	
Aberystwyth ...		70	56	c. o	b	6.5		Weston-super-Mare ...		72	60	c. b	b		
England, S.W.															
Skegness ...															
Lowestoft ...	0.01	71	61	c. bc	bc	8.4									
Felixstowe ...		72	62	bc	bc	10.5									
Southend-on-Sea ...		77	61	o. c. bc	o. bc	1.0									

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shining for Yester- day.	STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shining for Yester- day.
	1 p.m. Yester- day.	9 a.m. To- day.	In Screen		Min. on Grass.		Fore- noon.	After- noon.	Night.				In Screen.		Min. on Grass.	Night.	Fore- noon.	After- noon.	
			Max.	Min.									Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.																			
Greenwich (Royal Obs.) ...	%	%				In.				Hr.	Dublin to 4 p.m.	In.							
City (Rushmill Row) ...	45	63	82	57	51	-	bc	bc	bc. p	7.1	Plymouth to 9 p.m.	0.50	66	56	54	blr	o. c	bc	10.0
Westminster (St. James's Pk.)										4.9		0.02	68	58	55	bc. q	bc. v	bc. v	2.0
Camden Sq. (Brit. Rainfall)	43	66	77	61	57	0.02	bc	bc	bc. p	5.7	Darwen "	0.30	68	52	52	or	bc. u	ou	2.5
Hampstead (Reservoir) ...	45	65	81	60	57	0.02	bc	bc	cp. b	5.2	Manchester "	0.41	73	55		or	c. bc	cp. bc	3.6
		70	74	59	49	0.02	cp	cp	bc	5.8	Birmingham "	0.09	69	57	50	o	p. c	o	
24 HOURS ENDED 6 P.M. YESTERDAY.																			
South Kensington ...			78	60	54														
" (Roof of M.O.)	41	62	77	61			o. c	o	c. bc	4.8									

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

25 & 26 July, 1912.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.3	11.59	7.54
Greenwich ...	4.4	11.59	7.53
Wick ...	4.14	12.6	7.58
Valencia ...	4.16	12.6	7.56
	3.49	12.18	8.47
	3.51	12.18	8.45
	4.54	12.47	8.41
	4.55	12.47	8.40

NOTES ON YESTERDAY'S WEATHER.

During yesterday the temperature over these islands varied considerably. It touched 79° at Margate and Kew Observatory, but did not exceed 55° at 88ick. At several southern stations the thermometer remained above 60° all night. Rain has fallen very generally, up to 1.1 inch at Blackrod Point. Thunderstorms occurred in many parts of England and Ireland. The duration of bright sunshine ranged from none at some northern stations to 12 hours at Great Yarmouth.

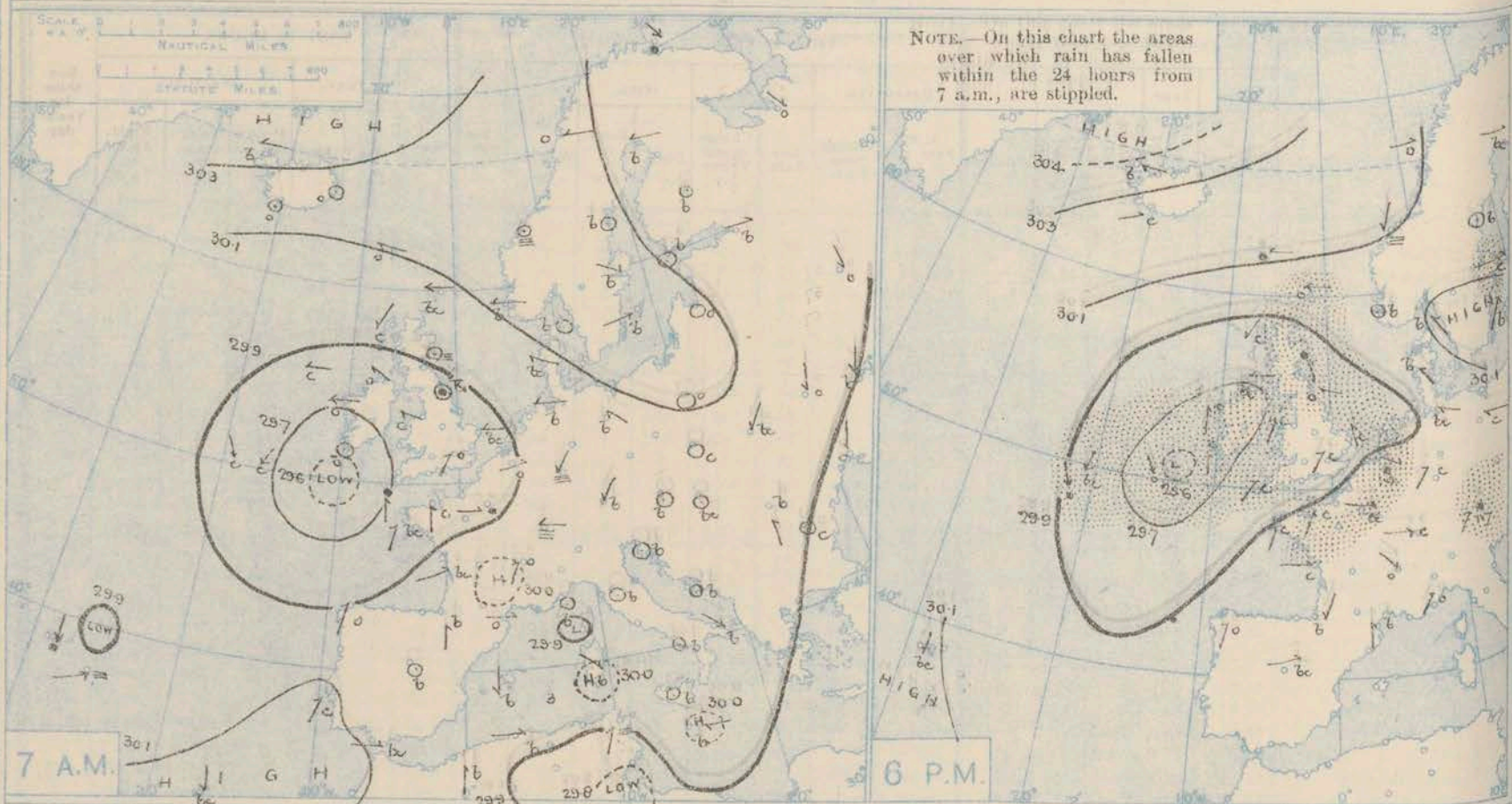
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; 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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Friday
26th July, 1912.

† Received too late for insertion in Charts.

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



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The distribution of pressure is still favourable to a changeable type of weather

all over the United Kingdom.

FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

0 {
a Calms and light variable breezes,
b mainly E.^s; changeable, some rain,
thunder in places, coast mist or fog;
temperature moderate to cool.

1

2 {
a Light to moderate S.^s to S.W.^s
b

3 breezes; fine to dull, some
showers, local mist or fog, thunder

4 {
a in places; moderate temperature,
b air close.

5

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No WARNINGS

ISSUED.

6 {
a Same as No. 0 & 1.
b

7 {
a S.^s and S.W.^s breezes, light to
b moderate; fine to dull, some rain,
local thunder; moderate temperature
close.

8 {
a S.^s breezes, fresh at times locally, fine
b to dull, some rain, thunder in places;
moderate temperature; close.

9 {
a Same as No. 7.
b

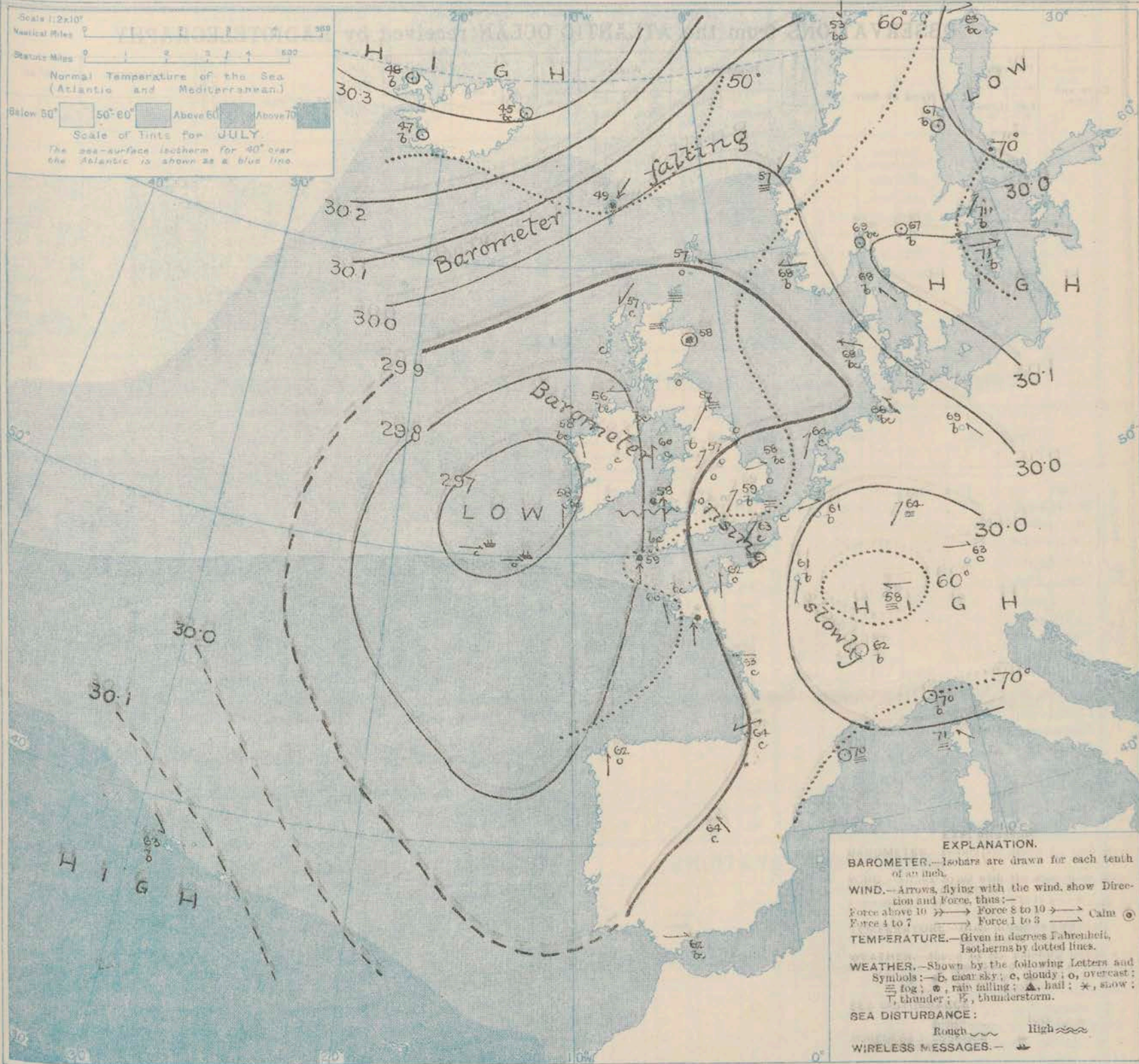
10 {
a Same as No. 8.
b

11 WESTERN CHANNEL AND BAY.

Wind mainly S.^s, fresh at times;
sea smooth to moderate; fine to dull,
some rain, mist or fog; cool.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. FRIDAY, 26TH JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.3 in. in an anticyclone centred between Iceland and Greenland, above 30.1 in. in another beyond the Azores, and above 30 in. in a shallow one over Eastern France and Western Germany. In a depression extending from Ireland down to the Portuguese coast the barometer is below 29.7 in. beyond Kerry. The gradient is everywhere slight.

N.E. to E. breezes prevail over Scotland and Norway, S.W. to S.E. in most other regions. The force is light in most places, and numerous stations report

a calm. Over the British Isles temperature ranges from 55° at Wick to 63° at Dungeness; on the Continent from 58° at Belfort to 70° at Nice and Perpignan; in Scandinavia from 53° at Bodö to 71° at Stockholm and Wisby; and in Iceland from 43° to 50°. Fine, clear weather prevails over the eastern section of our area from the Mediterranean to Northern Scandinavia; also over Iceland. Elsewhere the sky is mostly very cloudy or overcast, rain is falling at Aberdeen, between Pembroke and Brittany, and in the Faeröe. There is still a good deal of fog locally on the east coast of Britain and on the Norwegian coast.

DAILY WEATHER REPORT.

Friday, 26th July, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WZA-THRE.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WZA-THRE.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
26th Jan 7am	49	14	Oceanic	H	In.	In.	(0-12).			26th Jan 7am	50	16	Majestic	O	In.	In.	(0-12).		
25th Jan 6pm	49	21	Franconia	H	29.68	-0.00	W	1-3	0						29.64	+0.1	W	1-3	C
"	48	21	Oceanic	H	29.84	-0.02	NNE	4-5	6c										
"	50	14	Celtic	H	29.61	-0.07	NW	4-5	0										
"	56	8	Victorian	H	29.68	-0.02	E	4-5	m										
" 7am	56	14		H	29.73	-0.07	E	1-3	c										
"	50	19	Celtic	H	29.81	-0.03	NNW	4-5	c										
"	50	17	Franconia	O	29.80	+0.08	NNE	4-5	c										
"	47	26	Oceanic	H	29.97	-0.04	NNW	4-5	c										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.					Hr.	England, S.E.		In.					Hr.
{ Oban ...		...	71	55	c.b.c	b.c.b	1.1	{ Ramsgate ...		0.13	71	61	b	0	3.3
{ Stonehaven ...		0.85	57	53	m.r.t	m.o	0.0	{ Margate ...		0.07	71	61	b	0	1.1
{ St. Andrews ...		...	...	...	...	...	...	{ Deal ...		0.27	74	61	b.r.o.b.c	c.o	3.0
{ Carnoustie ...		0.06	61	55	b.r.m	m	0.0	{ Littlestone ...		...	...	...	...	...	4.8
Eng. N.E.		...	...	...	...	...	...	{ Folkestone ...		0.21	67	61	c.b.c	b.c.c	4.0
{ Harrogate ...		0.19	70	56	d.c	b.c.b.r	3.3	{ Hastings ...		...	70	61	c	0.b.c	5.5
{ Scarborough ...		...	65	56	o	o.c.r	1.7	{ Bexhill-on-Sea ...		...	68	61	b.b.c.o	0.b.c	6.1
England, N.W.		...	...	...	...	...	...	{ Eastbourne ...		...	68	60	b.c.b	b.c.b	5.2
{ Blackpool ...		0.05	73	59	o.b.m	o.m.o	8.5	{ Seaford ...		...	68	59	p.o.b	b.c	8.5
{ Southport ...		0.05	73	53	o.b.m.c	b.c.o.c	8.3	{ Brighton ...		...	68	59	b.c	b.c	9.9
{ Buxton ...		...	69	54	b.c	b.c	3.5	{ Worthing ...		...	70	59	b	b	10.2
{ Douglas ...		0.04	67	57	c.b	b.c	5.5	{ Bognor ...		...	...	...	...	...	8.3
Wales.		...	...	...	...	...	...	{ Southsea ...		...	71	59	b.c	b.c.c	5.8
{ Rhyl ...		...	72	54	b	b.c	6.2	{ Bournemouth ...		0.02	68	59	o.c	c.b.c	10.4
{ Colwyn Bay ...		0.03	72	57	b.c.b	b.b.c.c	5.5	England, S.W.		...	...	...	...	...	...
{ Llandudno ...		...	69	57	c.b	b.c	6.5	{ Weymouth ...		...	68	58	b.c	b.c	8.6
{ Bettws y-Coed ...		...	...	...	...	...	...	{ Teignmouth ...		...	67	57	b.c	b.c	6.4
{ Aberystwyth ...		...	70	58	o.c	c.b	8.2	{ Torquay ...		...	67	59	b.c	b.c	8.1
England, E.		...	...	...	...	...	...	{ Paignton ...		...	67	55	b.c	b.c	8.1
{ Skegness ...		...	...	...	...	...	...	{ Weston-super-Mare ...		...	70	57	b	b	9.5
{ Lowestoft ...		0.37	70	61	c.b.c	c.o	2.7								
{ Felixstowe ...		0.08	71	63	o.b.c.m	b.c.m.o	3.0								
{ Southend-on-Sea ...		...	76	62	b.c.b	b.c	4.0								

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.		Min. on Grass.	Night.	Fore-noon.	After-noon.	
			Max.	Min.									Max.	Min.					
					24 HOURS ENDED 9 A.M. TO-DAY.														
Greenwich (Royal Obs.) ...	%	%	"	"	"	In.	"	"	"	Hr.	Dublin to 4 p.m.	In.	"	"	"	p.c	cp.b	c.b	"
City (Runhill Row) ...	"	"	"	"	"	"	"	"	"	6.4	Plymouth to 9 p.m.	0.02	68	59	54	bcg	bcp	bcv	5.8
Westminster (St. James's Pk.)	"	"	"	"	"	"	"	"	"	6.7	Darwen	0.16	71	58	55	org	bc.utl	ou	"
Camden Sq. (Brit. Rainfall)	46	64	78	53	50	-	b	bc	bc	7.2	Manchester	"	"	"	"	"	"	"	"
Hampstead (Reservoir) ...	"	52	?	54	40	-	bc	bc	bc	5.7	Birmingham	-	71	58	50	o	c	b	5.3
24 HOURS ENDED 6 P.M. YESTERDAY.																			
South Kensington ...	"	"	75	61	55	0.03	} c.b.p	bc.c	c.bc.c	7.7									
" " (Roof of M.O.)	50	65	75	62	"	"													

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

26th July, 1912	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	
Yarmouth ...	4.4	11.59	7.53
Greenwich ...	4.5	11.59	7.52
Wick ...	4.16	12.6	7.56
Valencia ...	4.17	12.6	7.55
	3.51	12.18	8.45
	3.53	12.18	8.43
	4.55	12.47	8.40
	4.56	12.47	8.39

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature exceeded 70° in various parts of the British Isles, and touched 76° at Southend-on-Sea and Kew Observatory. Rain fell in many localities, but with the exception of 0.9 in. at Stonehaven the amounts registered were not large. Thunderstorms were experienced over Scotland and the north of England. The duration of bright sunshine was again very variable, from none at several places in Scotland to more than 10 hours locally along the Channel. As far west as the 28th meridian ships experienced light to moderate E. to N.E. and N.W. breezes, 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; z. hoar frost; x. dust-haze, or smoke.

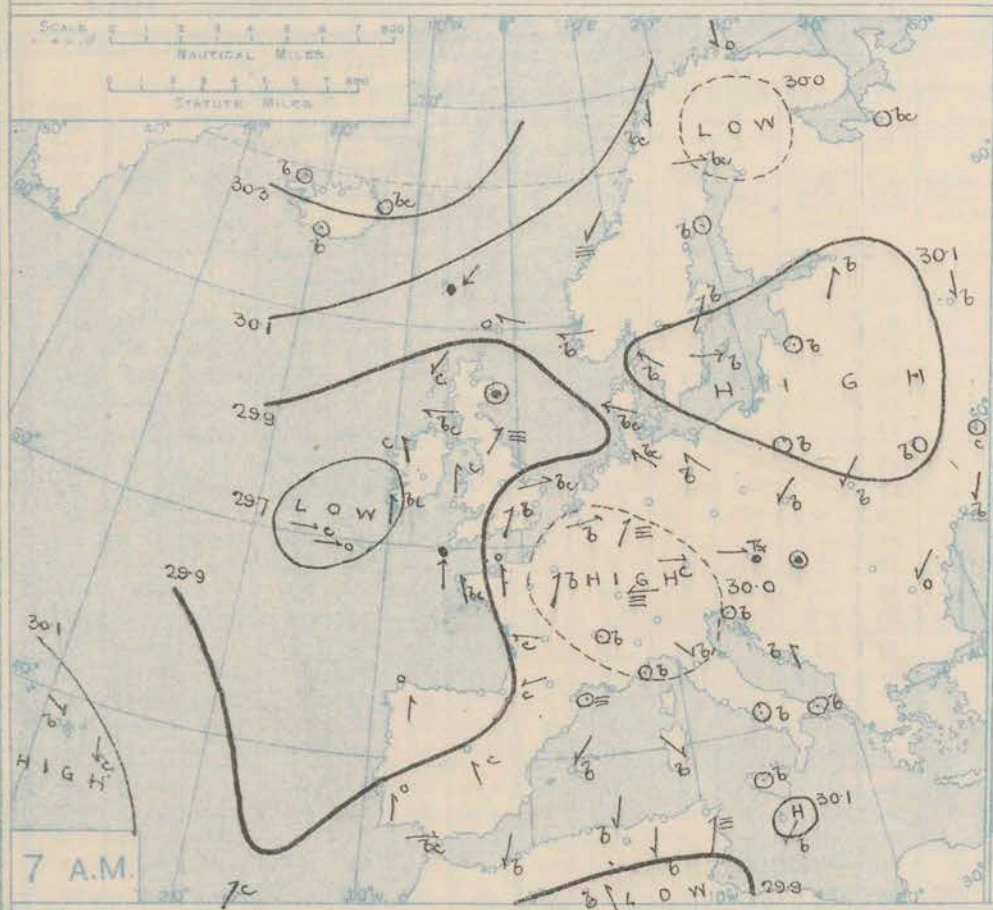
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Saturday,
27th July. 1912.

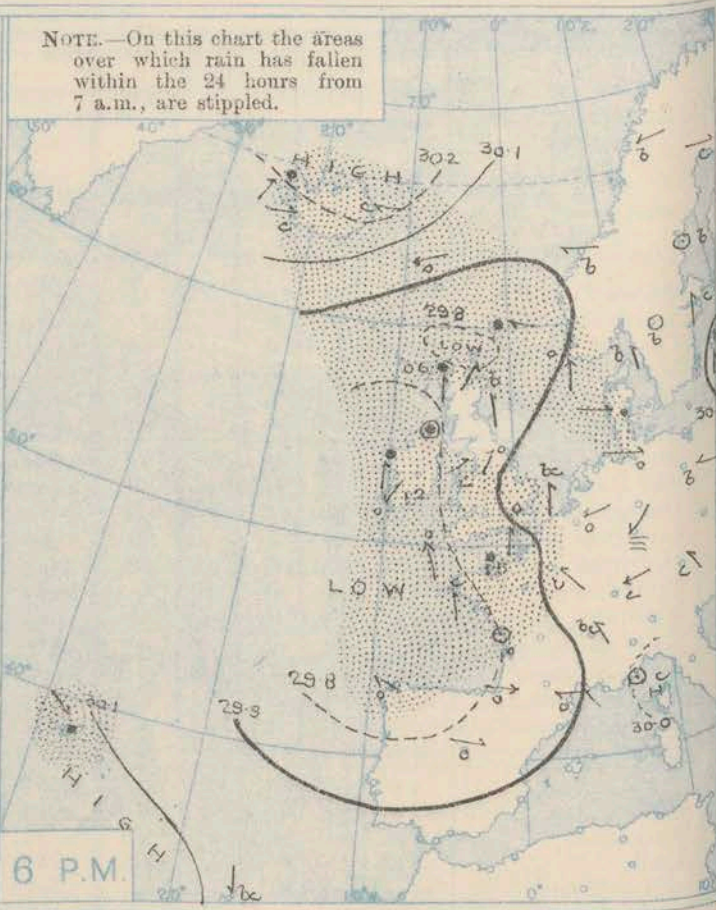
10

† Received too late for insertion in Charts.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 26TH JULY,



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



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

Shallow disturbances in our neighbourhood favour close,

unsettled weather conditions over the country generally.

FORECASTS FOR THE 24 HOURS NOON SATURDAY

TO NOON SUNDAY

0 { a } Light S.W. to variable breezes;
b } fair to dull, some rain, thunder in places,
thick coast fog locally; cool.

1 {
2 { a } Calms and light variable
b } E. to S. breezes; fine to dull.

3 } some rain, local thunder;

4 { a } atmosphere close.
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.

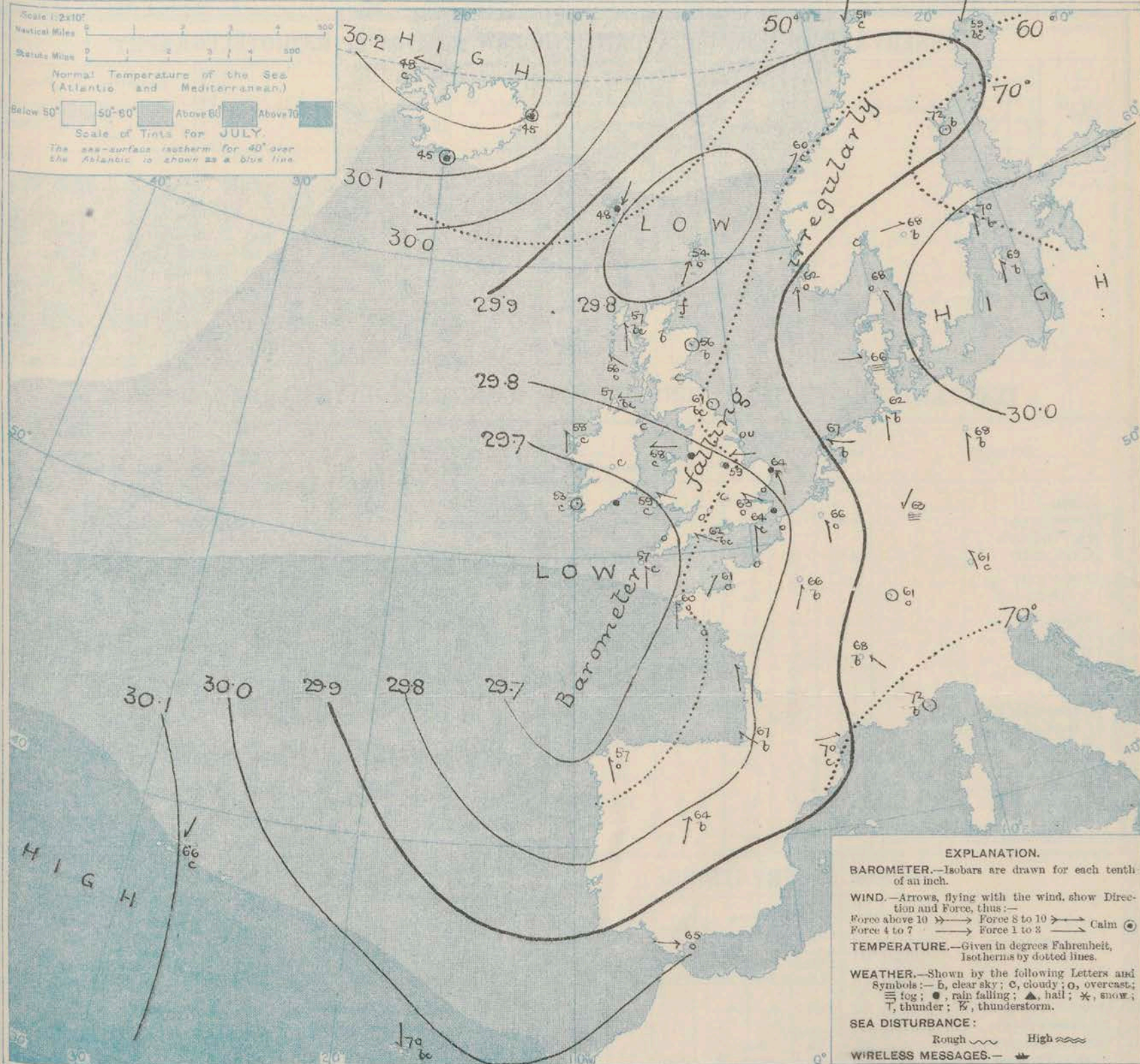
Calms and light to moderate E. and S. breezes; smooth sea; fine to dull, thunder rains, local mist or fog; moderate temperature.

THE FURTHER OUTLOOK. (All Districts).

Unsettled, oppressive weather continuing.

SYNOPTIC CHART FOR 7 A.M.

SATURDAY, 27TH JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The highest pressure, above 30.2 in., is still found between Iceland and Greenland. Over the Azores the barometer is at 30.1 in., and on the Baltic a little above 30 in. In a depression, with its centre extending from Ireland to the Portuguese coast, the barometer is below 29.7 in., and in another off the north of Scotland it is below 29.8 in. The gradient is slight.

Calms prevail over Iceland, light E. to S. breezes in nearly all other regions. Over the British Isles temperature ranges from 52° at Hain and Wick to 65° at Clacton-on-Sea; on the Continent from 57° at

Corunna to 72° at Hice; in Scandinavia from 51° at Bodö to 72° at Hernösand; and in Iceland from 45° to 49°. The weather is fine and clear over Sweden, Eastern and Southern France and Central Spain. In other regions it is mostly very cloudy to overcast, dull and gloomy, with rain at a number of the house stations and in the Iceland region. Off Wick there is a thick fog. The sea is slight to very smooth on nearly all coasts.

DAILY WEATHER REPORT.

Saturday, 27th July, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
					In.	In.		(0-12).							In.	In.		(0-12).	

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.					Hr.	England, S.E.		In.					Hr.
Oban ...		0.13	69	54	c-bc	b-bc	6.3	Ramsgate ...		-	*	*	*	*	9.2
Stonehaven ...		0.20	60	55	m	m	0.0	Margate ...		-	74	55	b	b	8.4
St. Andrews ...								Deal ...		-	72	54	o-bc	bc-o	9.0
Carnoustie ...		0.89	67	55	m	m	3.0	Littlestone ...		-	*	*	p-bc-b	b-bc-c	8.8
Harrogate ...		0.24	69	53	bc-b	b-bc-o	7.2	Folkestone ...		-	70	56	p-bc-b	b-bc-c	8.5
Scarborough ...		*	71	59	c-b	c-b	6.5	Hastings ...		-	70	55	c	bc-o	7.9
Blackpool ...		-	69	52	c	tl-c	6.7	Bexhill-on-Sea ...		-	68	58	b	b.3	7.6
Southport ...		-	70	55	bc-o-c	bc-o-c	6.3	Eastbourne ...		-	67	54	b-bc	b-bc-o	7.7
Buxton ...		0.14	67	51	bc-t	bc-t	5.5	Seaford ...		-	71	55	o-b	b-bc-c	7.8
Douglas ...		?	63	55	c-b	c-b	5.5	Brighton ...		-	67	53	b-bc-b	b-bc-c-o	7.7
Rhyl ...		0.13	69	54	bc	bc	2.2	Worthing ...		-	69	56	b	o	7.7
Colwyn Bay ...		0.41	69	57	bc	bc-p-b	3.5	Bognor ...		*	*	*	*	*	7.0
Llandudno ...		-	68	56	b	b	5.8	Southsea ...		-	69	57	bc	bc-c-o-t	4.1
Bettws y-Coed ...		*						Bournemouth ...		-	69	58	o-c	c-bc-o	7.3
Aberystwyth ...		-	67	58	o-c	bc	3.3	Littlehampton ...		*	*	*	*	*	4.0
Skegness ...								Weymouth ...		-	69	59	o-bc	c-o	4.7
Lowestoft ...		0.02	71	56	bc-b	b-bc	10.9	Teignmouth ...		-	68	58	bc	c-op	5.0
Felixstowe ...		-	69	56	bc	bc	10.5	Torquay ...		-	67	59	bc	c-o	4.7
Southend-on-Sea ...		-	77	56	o-c-b	b	8.0	Paignton ...		-	67	57	bc	bc-om	5.0
								Weston-super-Mare ...		0.01	70	53	b-p-bc-b	b-bc	3.0

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rainfall.	WEATHER.			Sunshine for Yesterday.	STATIONS.	Rainfall.	TEMPERATURE.			WEATHER.			Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.	Min. on Grass.		Forenoon.	Afternoon.	Night.				In Screen.	Min. on Grass.	Min. on Grass.	Night.	Forenoon.	Afternoon.	
	%	%	Max.	Min.	Max.		24 HOURS ENDED 9 A.M. TO-DAY.	24 HOURS ENDED 6 P.M. YESTERDAY.	24 HOURS ENDED 9 A.M. TO-DAY.				Max.	Min.	Max.	Min.	Max.	Min.	
Greenwich (Royal Obs.) ...	44	62	79	59	49	-	b	b	b-o-b	7.2	Dublin to 4 p.m.	0.02	66	55	51	bc-p	p-c-b	c-b	4.7
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	5.4	Plymouth to 9 p.m.	0.05	66	59	55	bc	bc-v	o	5.6
Westminster (St. James's Pk.)	51	73	74	62	57	0.03	bc	bc	bc-t	6.3	Darwen	0.02	68	54	50	obw	up	on	4.1
Camden Sq. (Brit. Rainfall)	45	69	77	60	55	0.11	bc	bc	o-r-c	5.6	Manchester		*	*	*	*	*	*	
Hampstead (Reservoir)	*	73	71	60	50	0.11	bc	bc	o-r-m-o	6.3	Birmingham	0.02	68	53	47	c	c	o	4.1
South Kensington	*	*	75	55	47	-	o-c-bc	bc	bc-c-o	6.8									
" (Roof of M.O.)	47	65	74	57	*	*	*	*	*										

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

27 & 28 July, 1912.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.5 4.6	G.M.T. 11.59 11.59	G.M.T. 7.52 7.51
Greenwich ...	4.17 4.18	12.6 12.6	7.55 7.54
Wick ...	3.53 3.55	12.18 12.18	8.43 8.41
Valencia ...	4.56 4.57	12.47 12.47	8.39 8.38

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature exceeded 70° in many parts of England, and rose to 77° at Southend-on-Sea. Rain has fallen at nearly all stations, very heavily locally 1.2 inch at Roches Point, 1½ inch at Jersey. Many districts were visited by thunderstorms. Stonehaven had no bright sunshine, and Jersey only a few minutes; in other districts the records ranged upwards to about 11 hours between Felixstowe and great Yarmouth.

NOTE.—The information relating to weather is indicated by the following letters:—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; 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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1912.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

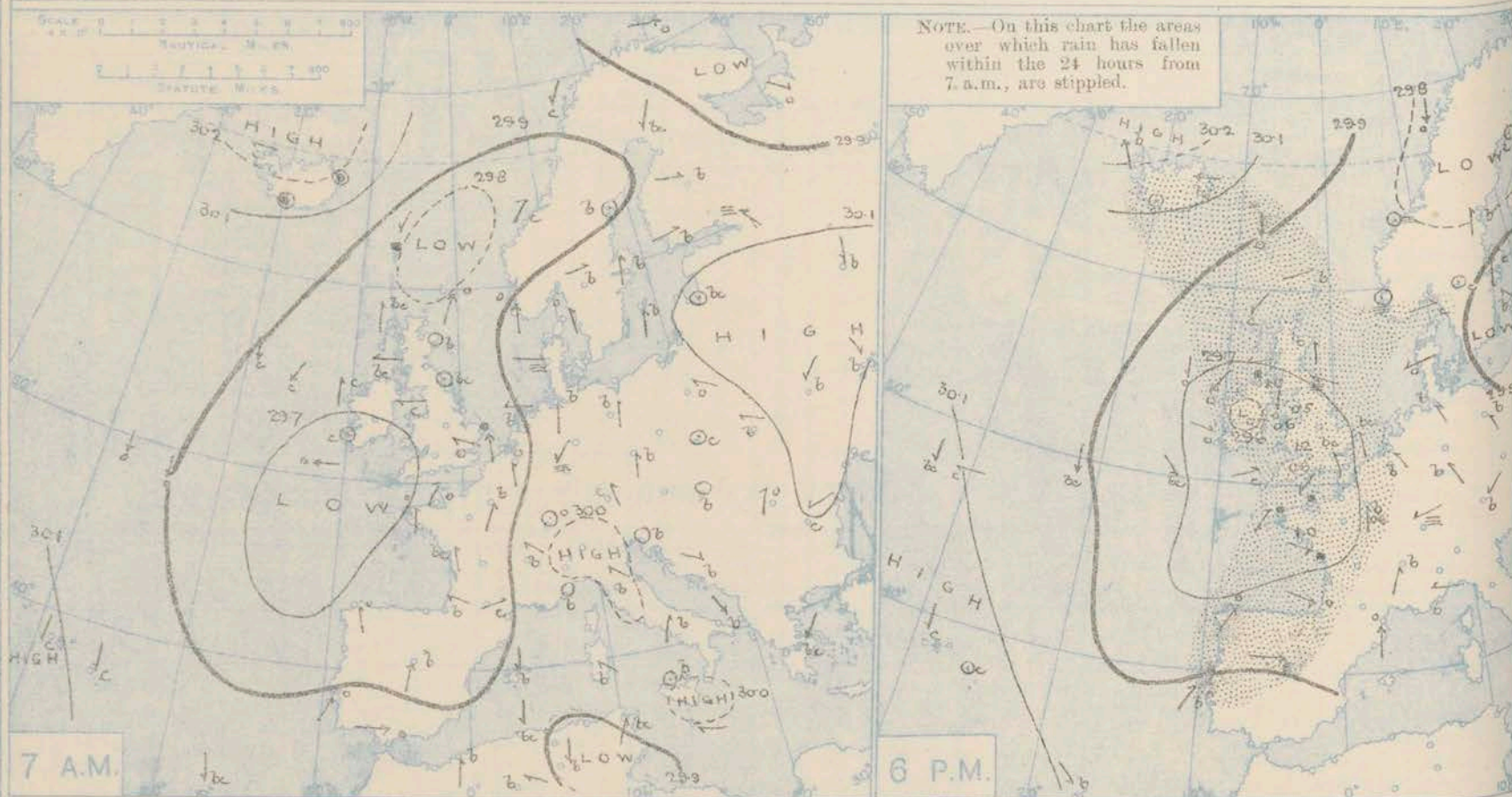
Sunday
28th July, 1912.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M. G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom.	Temp.	Wind.	Force	Weather.	Barometer.	Temp.	Wind.	Force	Weather.	Sea	Rain	Temp.		Weather.						
														At 3 rd Fabr. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	(0 to 12).	At 3 rd Fabr. and M.S.L. Lat. 45°	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.		Dir.	(0 to 12).	(0 to 9).	Max.	Min.	Mora's 7 a.m. to 1 p.m.	Aftern. 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.
In.		In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	Hours.
Lerwick		29.83	57	WSW	3	b	29.74	-0.5	53	-1	NNE	3	op	2	0.17	60	51	bcn	bcn	opn	*	
Stornoway		29.78	58	NE	3	c	29.55	-0.7	57	0	NE	3	o	4	Trace	62	54	bcn	bcn	opn	7.1	
Castlebay (Barra Isd.)		29.71	61	NNE	3	o	29.45	-0.5	61	+5	NE	4	o	3	0.04	65	55	o.cg	cg	op	7.8	
Malin Head		29.67	56	ENE	2	mp	29.41	-1.1	55	-2	NE	3	r	1	0.18	61	53	cg	om	fr	*	
Blacksod Point		29.63	59	NE	4	o	29.46	-0.2	56	-2	N	3	o	2	0.25	64	54	opn	opn	om	*	
Valencia		29.61	59	WNW	1	o	29.49	-0.4	54	+1	-	0	op	2	0.18	62	48	cp	cp	bcn	1.3	
Roche's Point		29.62	61	S	2	c	29.51	*	54	-3	N	1	o	2	0.20	63	52	bcn	bcn	c-o	*	
Birr Castle		29.57	64	SE	1	c	29.42	*	55	-3	WSW	1	r	*	0.69	66	54	atn	cp	c-op	1.0	
Donaghadee		29.67	59	NW	1	bc	29.36	-0.9	57	+1	ESE	2	m	2	0.95	59	53	opn	bc	fltm	*	
Liverpool Obsy.		29.65	61	E	1	r	29.39	-0.2	57	0	WSW	3	o	1	0.52	71	57	om	bcn	or	0.7	
Holyhead		29.63	62	N	1	o	29.39	-0.1	56	-2	W	4	o	3	0.55	67	55	o.cmn	ocmn	ocmn	*	
Pembroke (St. Ann's Hd.)		29.67	60	SE	3	c	29.50	-0.3	58	-1	SW	5	cg	5	0.37	63	55	opn	cg	cg	0.0	
Newquay		29.62	56	-	0	ofr	29.56	+0.1	58	-1	S	2	bc	1	0.39	63	53	o	op.or	or-o	0.0	
Scilly (St. Mary's)		29.62	59	WSW	1	c	29.57	0.0	57	0	WSW	4	c	3	-	61	54	o	c	c	0.4	
Jersey (St. Aubin)		29.67	65	NE	3	opn	29.69	*	58	-3	SW	3	opn	3	0.18	71	57	cm	opn	opn	6.8	
Portland Bill		29.64	61	ESE	1	c	29.60	+0.4	58	-4	WSW	5	r	5	0.61	66	56	bc	bcn	c.mn	*	
Dungeness		29.70	65	SE	2	bc	29.65	+0.4	61	-3	SW	6	c	5	0.06	70	60	bc	bc	c.b.c	*	
Dover		29.71	65	SW	1	b	29.65	*	60	-2	SSW	6	o	5	0.14	70	59	bcn	b	bcn	11.0	
Wick		29.79	56	NE	1	o	29.61	-0.5	55	+3	E	3	c	3	0.12	58	51	f	bcn	opn	*	
Nairn		29.76	59	E	1	o	29.53	*	58	+6	E	1	c	1	0.24	67	52	b	bc	c	4.3	
Aberdeen		29.78	59	S	1	o	29.54	-0.7	57	+1	ENE	3	o	2	Trace	67	56	bcn	c-op	ocn	3.5	
Leith		29.72	59	ENE	1	o	29.48	-0.6	58	+1	ENE	2	r	*	0.14	62	55	opn	atn	o	*	
North Shields		29.73	59	ESE	3	f	29.43	-0.8	57	-4	-	0	rf	2	0.31	62	55	-	-	f.b.c	1.1	
Spurn Head		29.69	61	SE	4	o	29.44	-0.1	64	+3	SSE	5	cg	5	0.01	66	58	c-o	om	c.b.g	*	
Yarmouth		29.73	67	SSE	3	bc	29.57	-0.1	63	-1	SSW	2	bc	1	0.24	69	62	orbcn	bc	clp.bc	5.5	
Clacton-on-Sea		29.70	68	SSE	3	bc	29.61	+0.5	62	-3	SSW	5	bc	4	0.03	69	61	opn	bc	bup.bc	6.8	
Nottingham		29.66	66	SE	1	c	29.47	*	60	+1	SSW	5	o	*	0.12	73	59	bc	c.b	c	2.1	
Bath		29.65	69	SSW	1	c	29.54	*	58	-2	SW	2	o	*	0.22	73	57	bc	-	c-r	5.6	
Oxford		29.62	66	SE	2	c	29.58	*	59	-5	SSW	5	bc	*	0.11	74	57	c.b.c	c.b.c	um.b.c	*	
London (Kew Obsy.)		29.65	72	SSE	2	bc	29.61	+0.5	61	-2	SW	3	cv	*	Trace	75	60	om	c	bcn	7.1	
Isafjord		30.24	52	SE	4	b	30.25	-0.1	47	-1	E	4	c	*	*	*	*	GALES.				
Reykjavik		30.08	58	W	1	c	30.06	0.0	44	-2	NE	1	c	*	*	*	*	Duration and Extreme Force				
Vestmanna		30.12	51	-	0	o	30.07	-0.1	45	0	N	1	bc	0	*	*	*	on British Coasts.				
Seydisfjord		30.15	55	E	4	bc	30.03	-0.1	44	-1	-	0	r	*	*	*	*					
Thorshavn		29.86	51	N	5	o	29.84	-0.1	49	+1	ENE	4	o	*	*	*	*					
Haparanda		29.74	61	-	0	c	29.68	+0.1	61	+2	W	2	b	*	-	73	52					
Hernösand		29.79	68	S	2	b	29.75	-0.3	67	-5	-	0	c	*	-	76	61					
Stockholm		29.91	65	S	4	o	29.86	-0.1	71	+1	SSW	4	b	*	-	77	59					
Wisby		29.94	65	SSE	2	b	29.86	-0.1	69	0	SSE	2	bc	*	-	77	59					
Karlstad		29.89	65	-	0	c	29.82	-0.2	68	0	SSW	2	c	*	-	75	61					
Færder (X'ianla Fiord)		29.87	67	S	1	o	29.80	0.0	68	-1	NNW	1	b	0	-	70	64					
Bodö		29.75	51	N	4	o	29.72	-0.1	51	0	NNE	1	bc	1	-	54	48					
Christiansund		29.81	60	-	0	f	29.77	-0.1	57	-3	W	3	o	1	-	61	57					
Skudesnaes		29.85	65	-	0	m	29.76	-0.2	64	+2	S	2	b	2	-	68	57					
The Scaw (Skagen)		29.86	67	WSW	1	c	29.81	-0.1	68	0	-	0	b	0	0.04	75	59					
Blaavands Huk		29.87	64	ENE	1	o	29.75	-0.6	69	+3	SE	3	o	2	-	72	57					
Cuxhaven		29.84	69	SE	2	b	29.73	-0.4	67	+5	SE	4	b	*	-	73	61					
The Helder		29.76	73	SE	1	bc	29.66	+0.1	66	-1	S	4	c	2	-	75	59					
Brussels		29.73	69	SSE	2	b	29.75	+0.7	64	-2	WSW	4	o	*	0.04	80	60					
Berlin		29.88	72	SE	1	b	29.85	0.0	71	+3	SE	1	b	*	-	75	63					
Frankfurt		29.82	70	SE	1	b	29.81	+0.2	67	+4	SW	1	bc	*	-	82	61					
Munich		29.88	63	NE	1	b	29.85	-0.1	65	+4	SE	2	bc	*	-	75	55					
C. Gris Nez		29.71	66	NE	1	b	29.66	+0.6	61	-2	SW	6	c	6	0.32	73	61					
La Hève		29.65	64	E	3	o	29.73	*	60	-6	SW	4	c	4	0.08	81	55					
Brest (St. Mathieu)		29.66	58	SW	3	r	29.71	+0.4	55	-5	W	3	bc	3	0.39	64	54					
Lorient (Boc Melen)		29.56	57	W	2	o	29.68	*	58	-2	SW	4	o	4	1.02	64	54					
Rochefort (Ile d'Als)		29.66	63	WNW	5	r	29.85	*	64	*	WSW	4	c	*	0.32	82	61					
Biarritz		29.80	64	WNW	4	o	29.90	*	63	-4	NE	2	b	1	0.04	86	59					
Paris		29.69	78	SSE	2	c	29.84	+0.6	60	-6	SW	3	b	*	0.55	80	58					
Belfort		29.80	77	ENE	3	m	29.90	*	71	-10	W	3	c	*	-	84	61					
Lyons		29.76	81	SW	3	b	29.88	*	66	-2	NNE	1	b	*	-	86	62					
Nice		29.89	73	E	3	b	29.90	+0.3	75	+3	-	0	c	1	-	84	64					
Perpignan		29.75	75	S	4	o	29.85	+0.2	70	0	-	0	c	*	-	82	64					
Sanguinaire																						
Corunna (S.a.m.)		29.72	63	SW	3	o	29.88	+0.4	59	+2	S	1	r	2	0.16	68	55					
Lisbon (S.a.m.)		29.96	63	SW	3	b	29.99	+0.4	62	*	SW	3	b	5	0.12	68	59					
Gibraltar		29.94	65	W	3	c	29.91	*	64	-1	W	3	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. 27th JULY,



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

FORECASTS FOR THE 24 HOURS NOON

TO NOON

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.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

Cones hoisted in districts 3, 5,

8 & 11 at 8.30 this morning.

6 {
a
b

7 {
a
b

8 {
a
b

9 {
a
b

10 {
a
b

11

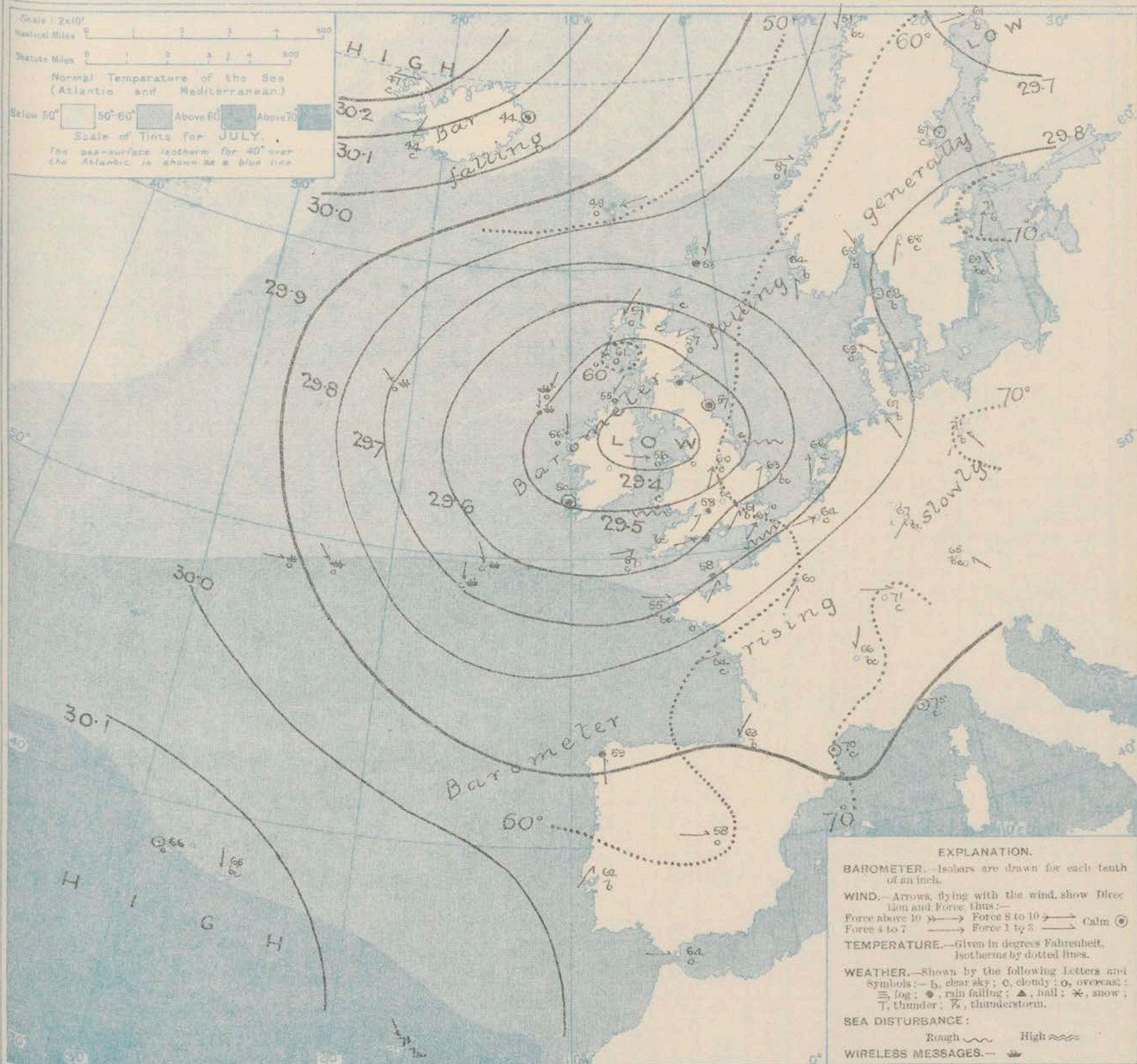
WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

None Issued

None Issued

SYNOPTIC CHART FOR 7 A.M. SUNDAY, 28TH JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression of the past few days grew much deeper during the night, and at its centre, now over the Irish Sea, the barometer is below 29.4 in. Over the north of Ireland and also at the Azores pressure is above 30.1 in.

The cyclonic circulation of the wind is well-marked around the baric minimum, but there is little force except on the southern coasts, where a strong or fresh breeze is reported. Temperature has fallen in many parts of England and the adjacent portion of the continent. It is rather more uniform than of late over the United Kingdom,

ranging from a little above 60° in the south-east to 55° at Birt Castle and Wick and to 53° at Lerwick. Much cloud prevails over these Islands, with rain or passing showers in several localities, and rain is falling at Brest and Bournemouth, but over the major portion of the continent the weather is fair to fine.

DAILY WEATHER REPORT.

Sunday, 28th July, 1912.

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, 6 p.m.	47	31	Majestic	O	30.17	-0.2	N	1-3	bc	27th, 7 a.m.	48	27	Majestic	O	30.02	+0.8	N	4-5	c
" "	47	30	Munster	H	30.23	-1.6	E	1-3	c	" "	56	19	Lake Marichaba	H	29.90	-0.4	N	4-5	c
" "	49	12	Marysville	O	29.77	+1.2	W. W. W.	1-3	bc	" "	50	12	Lake Erie	H	29.70	-0.1	E	4-5	c
" "	55	13	Empress of Ireland	O	29.45	-0.31	N	1-3	o	" "	55	15	Cameronia	H	29.50	-0.2	NE	4-5	c
" "	48	21	Kronprinsessan	H	29.91	-0.4	N	6-7	bc	" "	47	24	Kronprinsessan	H	30.00	-0.2	N	4-5	c

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland, Oban ...	0.11	67	57			0.2	Ramsgate ...	0.13					0.0
St. Andrews ...							Margate ...	0.08	75	62	o.b.	b.	0.0
Carnoustie ...	0.01	67	42	b.t.	p	1.6	Deal ...	0.08	75	61	o.c.p. bc bc.	b.	0.0
England, N.E. Harrogate ...	1.06	67	53	cl. r. o.	cl. r. o.	0.3	Littlestone ...						10.0
Scarborough ...							Folkestone ...		69	61	b.	b.	10.0
England, N.W. Blackpool ...	0.57	71	56	r. o. c.	cl. r. o.	0.7	Hastings ...		69	62	o. c.	o. bc. b.	8.4
Southport ...	0.37	70	57	r. o.	cl. r. o.	0.2	Bexhill-on-Sea ...		71	64	b. o.	c. b.	6.4
Buxton ...	0.34	62	54	bc. r.	p	1.2	Eastbourne ...	0.04	69	61	o. bc. b.	bc. b. bc.	6.3
Douglas ...							Seaford ...	0.03	70	60	o.	bc.	4.0
Wales, Rhyi ...	0.29	71	55	cl.	c	1.1	Brighton ...	0.01	67	63	o. bc. c.	c. bc.	4.1
Colwyn Bay ...							Worthing ...		68	63	o.	b.	4.2
Llandudno ...							Bognor ...						
Bettws y-Coed ...							Southsea ...						
Aberystwyth ...		67	58	o.	c. b.	2.3	Bournemouth ...	0.35	71	56	bc. b.	b. bc. c.	9.3
England, E. Skegness ...							Weymouth ...	0.17	71	59	c. bc.	bc. bc. c.	5.7
Lowestoft ...							Teignmouth ...	0.05	60	57	cl. bc.	cl. r.	2.7
Felixstowe ...	0.24	71	62	o. bc.	bc. d.	6.8	Torquay ...	0.08	69	57	bc. r.	r. o.	2.7
Southend-on-Sea ...	0.13	76	63	o. bc.	b.	8.0	Paignton ...	0.07	68	59	bc. o. r.	o. r.	2.6
							Weston-super-Mare ...						

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.		WEATHER.			Sun-shine for Yesterday.		
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.			Min. on Grass.	Fore-noon.	After-noon.				Night.	In Screen.		Min. on Grass.	Night.		Fore-noon.	After-noon.
			Max.	Min.									Max.	Min.					
24 HOURS ENDED 9 A.M. TO-DAY.																			
Greenwich (Royal Obs.) ...	%	%				In.				Hr.	Dublin to 4 p.m.	In.							
City (Rushmill Row) ...	56	62	79	58	48	0.01	c.	b	b. cp	7.2	Plymouth to 9 p.m.	0.03	67	57	56	o. p.	c. b.	c	1.6
Westminster (St. James's Pk.)	66	76	75	60	58	-	bc	bc. w.	bc.	5.8	Darwen "	0.09	67	55	55	o. bc	cl. r	o. c	1.8
Camden Sq. (Brit. Rainfall)	52	66	79	60	55	-	c	bc. b.	c. o	5.7	Manchester "	0.51	71	58	*	o. cl.	o. c	bc	2.7
Hampstead (Reservoir) ...	*	70	72	57	47	-	b. cp	c	c	5.4	Birmingham "	0.32	72	57	51	r	c	c	
24 HOURS ENDED 6 P.M. YESTERDAY.																			
South Kensington ...	*	*	75	63	53	Trace	} o. c.	c. bc.	bc. bc.	5.6									
" " (Roof of M.O.)	*	72	75	64	*	*													

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

28 & 29 July 1912	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.6	11.59	7.51
Greenwich ...	4.18	12.6	7.54
Wick ...	3.55	12.18	8.41
Valencia ...	4.57	12.47	8.38

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to above 70° in many parts of England, and remained as high as about 60° at night in the southeast. Rain has fallen very generally, and thunderstorms have occurred over a wide area. At Holyhead and Portland Bill the rain measurement is about 0.6 in., at Donaghadee 1.0 in., and at Bath 1.2 in. Bright sunshine was much more prevalent in the southeast and east than in the north and west. According to wireless reports a light to moderate breeze, mainly from the northward, prevailed as far west as the 20° 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.

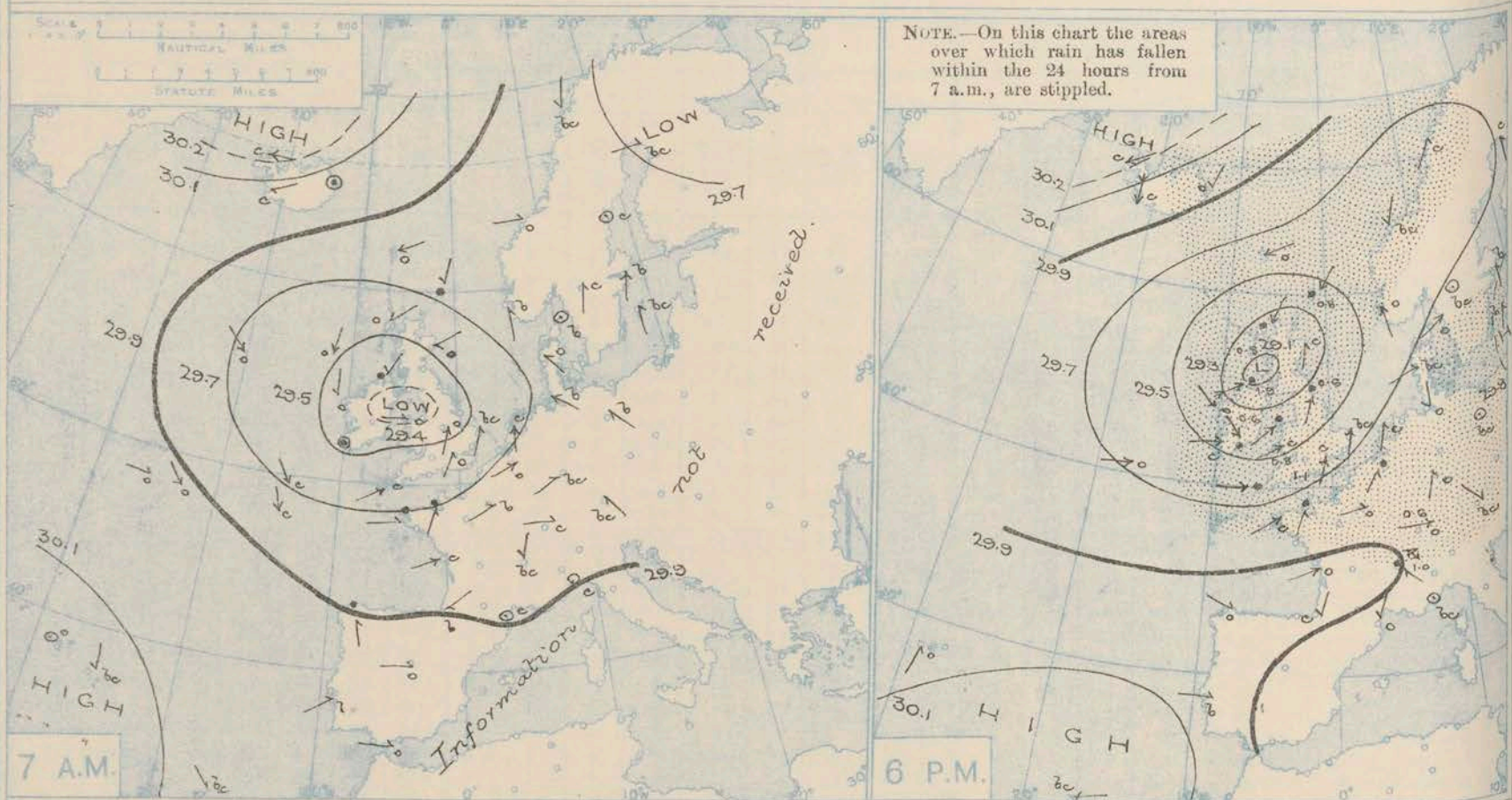
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday
29th July, 1912.

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 (10 to 15).	Rain- fall.	TEMP.		WEATHER							
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).		Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Direc.			Force (0 to 12).	Weather.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.			
Lerwick ...	29.42	54	NE	5	r	29.20	-03	56	+3	E	7	r	4	0.77	56	52	f.og	cg	f.og	cg	f.og	cg	0.0
Stornoway ...	29.22	55	NE	6	otmg	29.01	+02	56	-1	W	3	c	3	0.19	58	54	cg	otmg	otmg	otmg	otmg	otmg	0.3
Castlebay (Barra Isd.)	29.12	58	NE	3	r	29.08	+03	54	-7	WSW	4	r	3	0.77	61	53	otmg	otmg	otmg	otmg	otmg	otmg	0.0
Malin Head...	29.08	56	SW	8	r	29.14	+01	51	-4	S	6	o	6	1.88	56	50	otmg	otmg	otmg	otmg	otmg	otmg	0.0
Blacksod Point	29.36	56	NW	5	o	29.14	-02	54	-2	W	5	r	4	0.05	60	52	otmg	otmg	otmg	otmg	otmg	otmg	0.0
Valencia ...	29.50	57	W	4	c	29.41	00	55	+1	WSW	6	c	6	0.26	60	51	cp	c	cp	c	cp	c	0.7
Roche's Point	29.47	60	NW	5	op	29.43	00	54	0	WSW	4	c	4	0.18	61	53	op	op	op	op	op	op	0.0
Birr Castle ...	29.38	57	SW	4	o	29.33	00	49	-6	SW	5	c	3	0.60	61	47	otmg	otmg	otmg	otmg	otmg	otmg	0.0
Donaghadee ...	29.23	57	S	4	r	29.31	00	51	-6	SSW	3	bc	3	0.37	61	50	og	otmg	otmg	otmg	otmg	otmg	0.0
Liverpool Obsy.	29.41	59	SW	4	c	29.42	-01	52	-5	S	3	r	3	0.32	64	52	otmg	otmg	otmg	otmg	otmg	otmg	0.2
Holyhead ...	29.37	59	SW	6	o	29.37	-01	55	-1	SW	4	c	3	0.26	59	52	otmg	otmg	otmg	otmg	otmg	otmg	0.0
Pembroke (St. Ann's Hd.)	29.47	58	WSW	5	c	29.47	-02	55	-3	WSW	6	cg	6	0.80	61	52	cg	cg	cg	cg	cg	cg	4.2
Newquay ...	29.56	56	SW	3	op	29.58	-01	57	-1	WSW	5	op	3	0.29	63	53	bc	bc	bc	bc	bc	bc	5.2
Scilly (St. Mary's)	29.57	59	W	5	cg	29.58	-03	57	0	WSW	6	cg	6	0.06	63	54	cg	cg	cg	cg	cg	cg	6.2
Jersey (St. Aubin)	29.71	62	SW	3	op	29.78	00	60	+2	SW	5	og	4	0.26	68	57	otmg	otmg	otmg	otmg	otmg	otmg	7.2
Portland Bill	29.63	60	WSW	6	bc	29.63	00	58	0	SW	7	c	6	1.06	61	56	cg	c	cg	c	cg	c	0.0
Dungeness ...	29.69	64	SW	4	c	29.69	+04	61	0	SW	6	cg	6	0.05	66	58	cg	c	cg	c	cg	c	0.0
Dover ...	29.70	60	SW	4	c	29.69	00	58	-2	SW	7	r	6	0.05	64	56	otmg	otmg	otmg	otmg	otmg	otmg	7.6
Wick ...	29.20	55	E	3	f	29.06	+03	56	+1	S	3	c	3	0.36	56	52	otmg	otmg	otmg	otmg	otmg	otmg	0.0
Nairn ...	29.13	64	E	1	c	29.09	00	54	-4	WSW	3	o	1	0.15	64	50	otmg	otmg	otmg	otmg	otmg	otmg	0.2
Aberdeen ...	29.23	58	S	3	c	29.22	+03	54	-3	SSW	4	c	3	0.39	59	53	otmg	otmg	otmg	otmg	otmg	otmg	0.0
Leith ...	29.26	59	S	3	o	29.28	+01	55	-3	SSW	4	bc	3	0.39	64	53	otmg	otmg	otmg	otmg	otmg	otmg	0.0
North Shields	29.37	64	SSW	4	p	29.37	+02	54	-3	S	3	c	2	0.55	65	51	otmg	otmg	otmg	otmg	otmg	otmg	1.0
Spurn Head ...	29.49	63	SSW	6	c	29.50	00	58	-6	SSW	6	cg	5	0.01	69	54	cg	cg	cg	cg	cg	cg	0.0
Yarmouth ...	29.63	70	SSW	5	bc	29.60	-02	58	-5	SSW	4	bc	2	0.00	70	56	bc	bc	bc	bc	bc	bc	9.1
Clacton-on-Sea	29.65	65	SSW	5	bc	29.65	+03	60	-2	SW	5	o	4	0.00	67	58	bc	bc	bc	bc	bc	bc	6.8
Nottingham...	29.52	61	SW	5	c	29.53	00	56	-4	SW	5	op	0	0.23	67	54	otmg	otmg	otmg	otmg	otmg	otmg	3.3
Bath ...	29.59	62	SW	6	bc	29.60	00	56	-2	SW	4	r	0	0.23	65	55	otmg	otmg	otmg	otmg	otmg	otmg	0.4
Oxford ...	29.60	58	S	5	b	29.61	00	57	-2	SSW	6	o	0	0.03	66	54	otmg	otmg	otmg	otmg	otmg	otmg	0.0
London (Kew Obsy.)	29.63	65	SSW	4	c	29.65	+03	58	-3	SW	3	o	0	0.08	68	56	otmg	otmg	otmg	otmg	otmg	otmg	5.5
Isafjord...	30.22	49	NE	6	c	30.13	00	43	-4	NE	8	c	0	0.00	0	0	0	0	0	0	0	0	0.0
Reykjavik ...	30.01	59	N	8	c	29.89	-01	43	-1	N	7	o	0	0.00	0	0	0	0	0	0	0	0	0.0
Vestmanna ...	29.94	58	N	1	b	29.81	-03	45	0	NE	9	b	0	0.00	0	0	0	0	0	0	0	0	0.0
Seydisfjord	29.93	47	NE	3	o	29.82	-02	42	-2	NE	0	r	0	0.00	0	0	0	0	0	0	0	0	0.0
Thorshavn ...	29.67	50	ENE	5	o	29.33	-06	49	0	NE	5	r	0	0.00	0	0	0	0	0	0	0	0	0.0
Haparanda ...	29.71	61	S	2	c	29.69	+01	64	+3	SSW	2	bc	0	0.00	70	59	bc	bc	bc	bc	bc	bc	0.0
Hernösand ...	29.69	67	S	2	b	29.63	00	67	0	S	2	b	0	0.00	75	55	bc	bc	bc	bc	bc	bc	0.0
Stockholm ...	29.79	67	S	2	b	29.73	-02	72	+1	SSE	4	c	0	0.00	79	63	bc	bc	bc	bc	bc	bc	0.0
Wisby ...	29.82	66	SSW	2	b	29.78	-01	70	+1	SSE	2	bc	0	0.00	79	61	bc	bc	bc	bc	bc	bc	0.0
Karlstad ...	29.72	70	0	0	bc	29.69	00	67	-1	WSW	4	o	0	0.00	79	64	bc	bc	bc	bc	bc	bc	0.0
Færder (Xania Fjord)	29.68	69	SSE	3	o	29.65	00	66	-2	SSW	5	o	3	0.00	73	64	bc	bc	bc	bc	bc	bc	0.0
Bodö ...	29.67	54	SW	1	c	29.52	-08	57	+6	ENE	1	b	1	0.08	57	45	bc	bc	bc	bc	bc	bc	0.0
Christiansund	29.64	57	NE	1	bc	29.53	00	59	+2	0	0	c	1	0.20	59	55	bc	bc	bc	bc	bc	bc	0.0
Skudesnaes ..	29.54	64	SSE	7	o	29.49	-02	62	-2	SSE	8	c	4	0.35	72	59	bc	bc	bc	bc	bc	bc	0.0
The Scaw (Skagen)...	29.72	67	SW	4	o	29.70	00	65	-3	S	3	o	1	0.00	75	59	bc	bc	bc	bc	bc	bc	0.0
Blaavands Huk ...	29.73	64	WSW	3	bc	29.68	-05	67	-2	SSW	4	bc	2	0.04	68	63	bc	bc	bc	bc	bc	bc	0.0
Cuxhaven ...	29.77	68	N	2	o	29.76	+01	62	-5	SW	3	c	0	0.00	77	59	bc	bc	bc	bc	bc	bc	0.0
The Helder ...	29.73	65	SSW	3	c	29.68	-01	62	-4	SSW	6	c	3	0.08	68	55	bc	bc	bc	bc	bc	bc	0.0
Brussels ...	29.78	61	SW	1	r	29.82	+02	59	-5	SW	3	b	0	0.04	73	55	bc	bc	bc	bc	bc	bc	0.0
Berlin ...	29.75	71	0	0	bc	29.87	+06	64	-7	SW	4	o	0	0.04	80	63	bc	bc	bc	bc	bc	bc	0.0
Frankfurt ...	29.85	68	SW	1	o	29.93	+03	64	-3	SW	3	m	0	0.04	86	63	bc	bc	bc	bc	bc	bc	0.0
Munich ...	29.80	71	NW	2	bc	30.02	+08	60	-5	W	5	o	0	0.12	81	59	bc	bc	bc	bc	bc	bc	0.0
C. Gris Nez...	29.71	63	SW	5	c	29.72	+03	60	-1	SW	7	c	7	0.04	68	59	bc	bc	bc	bc	bc	bc	0.0
La Hève ...	29.75	62	SW	4	o	29.82	00	61	-1	SW	5	o	4	0.1									

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



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

A deep depression centred near our northwestern coasts will occasion disturbed, squally weather over the country generally.

FORECASTS FOR THE 24 HOURS NOON

TO NOON

0
1
2
3
4
5

Wind between S. and S.W., strong and squally at times, gale force locally; unsettled, rainy to fair, local thunder; day temperature below the normal, air close.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

Cones hoisted at 8.30 a.m. yesterday in districts 3 and 5. In all other districts at 8.40 a.m. today.

6
7
8
9
10

Same as Nos. 0 to 5

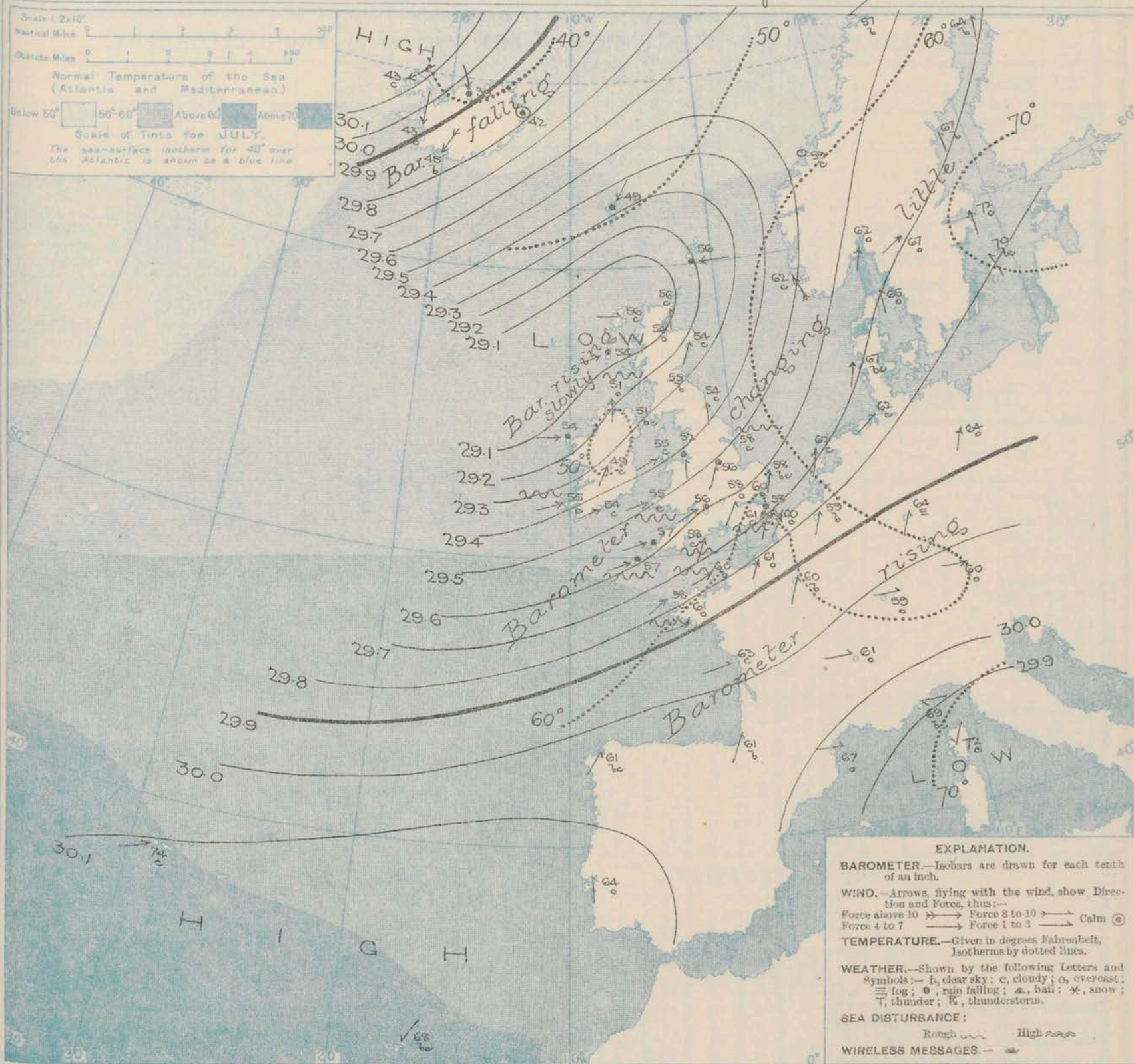
11 WESTERN CHANNEL AND BAY.

S.W. to S. winds, strong or high to a gale; rough sea; squally, unsettled, rainy, some mist or fog; cool

THE FURTHER OUTLOOK. (all districts)

Conditions remaining unsettled

SYNOPTIC CHART FOR 7 A.M. Monday, 29th JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is at about 30.1 in. in the Azores and between Iceland and Greenland, and at about 30 in. along a narrow belt from the north of Spain to Bavaria. A deep depression is centred in the neighbourhood of our northwestern coasts, the barometer having fallen below 29 in. at Stornoway. A secondary appears to be approaching Ireland. The gradient is rather steep over the greater part of our area.

The winds show a cyclonic circulation around the minimum pressure, N. to E. between Iceland and the Norwegian coast, S. to S.W. in

other regions. Fresh to strong or high winds are reported at many stations, a gale at Skudesnaes and in the northwest of Iceland, a strong gale in the south of Iceland. Over the British Isles temperature ranges from 49° at Burr Castle to 61° at Dungeness, on the Continent from 58° at Brest to 69° at Nice; in Scandinavia from 57° at Bodö to 72° at Stockholm; and in Iceland from 39° to 45°. Over our area generally the weather is for the most part very cloudy to overcast, dull or gloomy, rain falling at many of the home stations and in the Iceland region. A rough or rather rough sea is running on many coasts, high on the French side of the Straits.

DAILY WEATHER REPORT.

Monday, 29th July, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
28th 6pm	50	17	Mauretania	H	29.69	-0.8	W	4-5	0	28th 7am	48	23	Mauretania	H	29.98	-1.1	NW	4-5	0
" 1pm	49	14	Kronland	H	29.80	-0.1	WNW	4-5	0	" "	49	15	Mauretania	O	29.69	+0.1	NNW	4-5	0
" 7am	48	16	Empress of Ireland	H	29.84	-0.3	N	4-5	0	" "	56	11	Mauretania	O	29.41	-1.1	NNE	4-5	0
" "	55	20	Cedric	O	29.66	-0.4	NW	4-5	0										
" "	48	25	Lake Manitoba	O	29.93	-0.2	W	1-3	0										
" "	55	11		H	29.51	-0.5	N	1-3	0										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	Hr.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	Hr.
		Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.		
Scotland.	In.							Ramsgate ...	In.						
Oban ...	0.11	67	57	-	-	0.2		Margate ...	0.12	68	58	r.o.b	0	7.0	
St. Andrews ...								Deal ...	0.15	67	59	flr.c	bc.c	6.0	
Carnoustie ...	0.03	61	56	m.c	ctt	0.3		Littlestone ...	0.22	67	59	flr.c	bc.c	6.6	
England, N.E.								Folkestone ...	0.10	64	58	bc	g	11.1	
Harrogate ...	0.35	63	57	ctt.r.o	o.c.bc.c	0.6		Hastings ...	0.32	65	59	tr	cp.o.c	5.7	
Scarborough ...		65	57	o	o	2.2		Bexhill-on-Sea ...	0.15	65	61	bc.o	tr.bc.o	5.0	
England, N.W.								Eastbourne ...	0.08	64	59	bc.r.bc	b.bc	6.0	
Blackpool ...	0.33	64	57	r.o.c	op	0.4		Seaford ...	0.03	65	59	r.o.r.o	c	5.7	
Southport ...	0.33	62	56	tr.bc	bc	0.2		Brighton ...		64	60	c.bc.o.c	c.bc.c	2.8	
Buxton ...								Worthing ...	0.10	64	59	c	c	5.7	
Douglas ...	0.74	60	55	gpa	rg	0.7		Bognor ...							
Wales.								Southsea ...	0.33	65	57	bc	c.r.bc	7.4	
Rhyl ...	1.14	62	57	r.o	o	0.0		Bournemouth ...	0.13	64	57	r.o.r.bc	c.o	5.5	
Colwyn Bay ...	1.13	63	55	bcq	bc.p.r	0.0		Weymouth ...	0.73	66	57	bc	c	6.6	
Llandudno ...	0.01	64	55	op	c	0.2		Teignmouth ...	0.37	66	56	cqp	cqp	6.0	
Bettws y-Coed ...								Torquay ...	0.33	64	55	c	c.p	4.7	
Aberystwyth ...	0.82	62	55	cp	cp	2.0		Paignton ...	0.38	64	54	bcq	bcq	4.3	
England, E.								Weston-super-Mare ...	0.81	68	56	bcq	bcq	3.0	
Skegness ...															
Lowestoft ...	0.39	69	62	c.bc	bc.c	9.4									
Felixstowe ...	0.01	68	62	bcq	bcq	9.3									
Southend-on-Sea ...	0.05	68	60	cqp	cqp	6.0									

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.	
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Min. on Grass.	Night.	Fore-noon.	After-noon.			
			Max.	Min.														Max.		Min.
24 HOURS ENDED 9 A.M. TO-DAY.																				
Greenwich (Royal Obs.) ...	%	%			In.				Hr.	Dublin to 4 p.m.	In.									
City (Rushmill Row) ...	74	72	72	55	49	0.16	cp	cp	5.3	Plymouth to 9 p.m.	0.52	61	55	55	tr	tr	0.0			
Westminster (St. James's Pk.)	8.3	97	?	57	53	0.14	bc	r	6.2	Darwen										
Camden Sq. (Brit. Rainfall)	-	94	70	55	51	0.20	o.bc	bc	6.5	Manchester	0.34	64	55	"	o of	o	0.0	1.1		
Hampstead (Reservoir) ...	"	92	65	54	44	0.15	cp.bc	bc	5.6	Birmingham	0.40	65	55	51	r.c	c	c	1.2		
24 HOURS ENDED 6 P.M. YESTERDAY.																				
South Kensington ...	"	"	71	59	58	0.06	bc.cq	cqp	5.5											
" " (Roof of M.O.)	-	92	71	60	"	"	bc.cq	cqp	5.5											

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

29th July, 1912.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.7	C.M.T. 11.59	G.M.T. 7.50
Greenwich ...	4.8	11.59	7.49
Wick ...	4.20	12.6	7.52
Valencia ...	4.21	12.6	7.51
	3.57	12.18	8.39
	3.59	12.18	8.37
	4.58	12.47	8.37
	4.59	12.47	8.36

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature touched 70° at Great Yarmouth only; at several northern stations it remained below 60°. Rain has been general, and in many places very heavy, the amounts registered ranging up to more than an inch at Portland Bill, and 1½ inch at Malin Head. Thunderstorms occurred in several localities. The duration of bright sunshine was very erratic, many places having none or less than an hour, while on the Suffolk coast the records exceeded 9 hrs, and at Folkestone 11 hrs. As far west as the 26th meridian ships experienced light to fresh N.W. to S.W. breezes and cloudy to dull weather.

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

1912.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

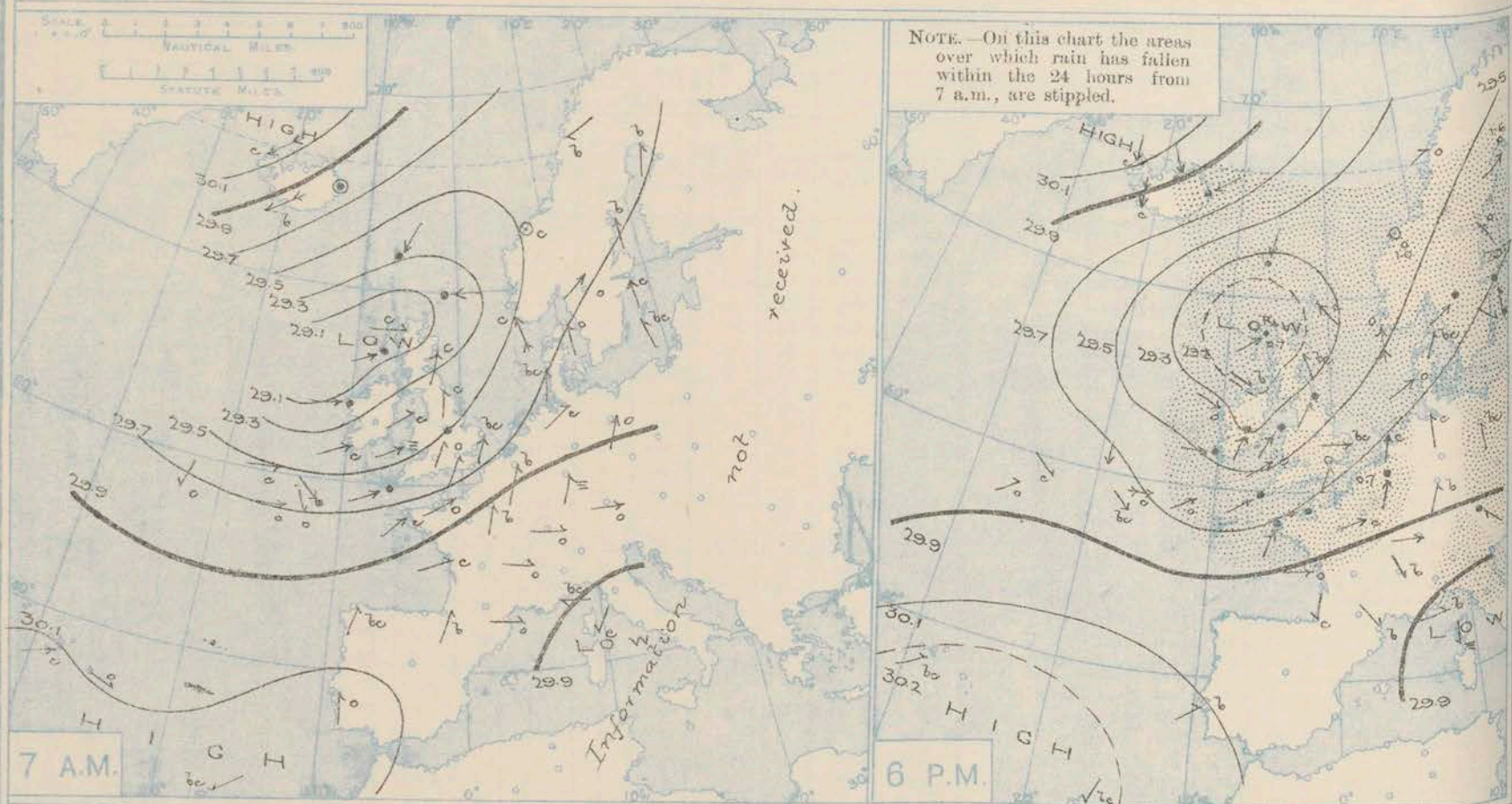
Tuesday,
30th July, 1912.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER						
	At 35° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Force (0 to 12).	Dir.	Force (0 to 12).	Weather.	At 55° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).			Weather.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.			
Lerwick	29.23	56	SE	4	c		29.26	+0.2	54	-2	SSE	2	c	1	0.02	58	52	bc	bc	bc	*		
Stornoway	29.15	55	SW	4	otlr		29.28	+0.3	53	-3	W	5	o	4	0.71	59	52	otlr	otlr	otlr	0.0		
Castletown (Barra Isd.)	29.17	55	NW	3	r		29.38	+0.4	52	-2	WNW	4	o	3	0.29	55	50	r	r	r	0.0		
Malin Head	29.18	59	WNW	2	b		29.43	+1.0	52	+1	WNW	6	r	4	0.05	63	50	og	bcv	omgr	*		
Blacksod Point	29.34	54	WNW	4	o		29.59	+0.3	52	-2	W	3	o	3	0.07	61	49	opm	opm	opm	*		
Valencia	29.48	56	W	5	op		29.72	+0.5	55	o	WNW	4	bc	4	0.10	59	52	cp	cp	cp	3.4		
Roche's Point	29.46	59	W	5	c		29.69	*	53	-1	WNW	3	bc	2	0.02	61	51	cp	cp	o bc	*		
Birr Castle	29.28	56	SW	6	r		29.61	*	51	+2	SW	2	c	*	0.11	59	48	cp	or	or c	0.5		
Donaghadee	29.23	56	SSE	2	r		29.48	+0.7	53	+2	SW	4	cq	3	0.15	61	51	cp	cp	or cqp	*		
Liverpool Obsy.	29.40	59	SW	5	c		29.49	+0.5	54	+2	WSW	5	o	4	0.16	62	52	or	bcv	or	4.2		
Holyhead	29.35	58	SW	7	omgr		29.53	+0.6	54	-1	W	6	c	4	0.16	60	53	capm	ogm	cpm	1.5		
Pembroke (St. Ann's Hd.)	29.49	57	SW	7	c		29.61	+0.5	56	+1	WNW	4	cq	5	0.13	60	53	cap	cap	cap	*		
Newquay	29.60	58	SW	6	op		29.67	+0.6	56	-1	W	3	op	3	0.19	59	52	op	op	bc cqp	0.1		
Scilly (St. Mary's)	29.60	58	WSW	5	omgr		29.70	+0.4	56	-1	WNW	5	cq	5	0.15	59	53	capm	capm	cq	0.6		
Jersey (St. Aubin)	29.76	59	WSW	5	omgr		29.74	*	58	-2	W	3	ogm	3	0.44	66	56	omgr	ogm	omgr	2.8		
Portland Bill	29.63	59	SW	7	cq		29.66	+0.2	59	+1	WSW	5	bc	5	0.24	60	55	cp	cp	cp bc	*		
Dungeness	29.68	62	SW	7	cq		29.67	+0.1	60	-1	SW	4	o	4	0.15	66	57	c bcq	cp	cp	*		
Dover	29.67	60	SW	6	c		29.66	*	57	-1	SW	3	r	5	0.10	63	55	op	op	op	3.2		
Wick	29.17	54	SW	3	c		29.24	+0.5	54	-2	WSW	2	cq	3	0.10	57	51	cpm	cp	omgr	*		
Nairn	29.17	54	WSW	1	o		29.27	*	54	0	WSW	2	o	1	0.21	54	51	r	op	o	0.0		
Aberdeen	29.22	57	SSE	3	bc		29.30	+0.4	54	0	SW	2	o	2	0.04	60	48	cp	op bc	bc c	4.9		
Leith	29.24	58	SSW	5	c		29.38	+0.5	56	+1	SW	2	o	*	0.07	62	52	c	o c	o cp	*		
North Shields	29.34	56	SW	3	op		29.38	+0.3	56	+2	SW	1	c	2	0.09	57	50	blt o	-	-	0.3		
Spurn Head	29.46	60	SSE	6	c		29.48	0.0	57	-1	S	6	cq	5	0.09	61	52	cq	cq	cq op	*		
Yarmouth	29.61	56	W	4	bc		29.61	+0.1	57	-1	SSW	3	bc	2	Trace	66	54	bc c	cp	bc p	0.5		
Clacton-on-Sea	29.63	63	SW	5	c		29.65	+0.2	59	-1	SW	4	bc	3	0.03	66	57	o c	cp c	c bc	1.6		
Nottingham	29.60	59	SW	5	c		29.53	*	56	0	SW	5	o	*	0.22	61	53	op	o c	c	1.4		
Bath	29.60	59	SW	3	o		29.65	*	57	+1	WSW	3	bc	*	0.32	62	53	-	-	-	0.0		
Oxford	29.60	56	SSW	5	bc		29.64	*	59	+2	SW	5	bc	*	0.20	62	52	og	og am	omgr	*		
London (Kew Obsy.)	29.64	57	SSW	3	o		29.65	+0.2	58	0	SW	2	b	*	0.33	63	54	o or	or c	od o	0.5		
Isafjord	30.12	43	N	7	c		30.12	0.0	41	-2	N	7	o	*	*	*	*	GALES.					
Reykjavik	29.86	51	N	8	c		29.91	0.0	43	0	NE	8	c	*	*	*	*	Duration and Extreme Force on British Coasts.					
Vestmanna	29.79	57	-	0	b		29.84	+0.1	42	-3	NE	8	b	o	*	*	*	Seilly. Gust 45mph at noon.					
Seydisfjord	29.83	45	NE	5	r		29.88	+0.1	40	-2	NE	4	p	*	*	*	*	Portland Bill. Gale 3am to 11pm. Extreme SW. 8					
Thorshavn	29.21	51	NNE	4	r		29.30	+0.3	53	+4	ENE	2	c	*	*	*	*						
Haparanda	29.56	63	SW	4	o		29.57	0.0	61	-3	SW	4	o	*	1.58	68	61						
Hernösand	29.58	61	SSE	2	o		29.62	+0.1	64	-3	S	4	b	*	0.04	68	55						
Stockholm	29.70	61	S	2	r		29.75	+0.1	64	-8	SW	2	b	*	0.47	73	57						
Wisby	29.76	62	NW	2	r		29.79	+0.1	69	-1	WSW	2	m	*	0.12	77	57						
Karlstad	29.66	64	SW	6	r		29.65	0.0	64	-3	SW	6	bc	*	Trace	70	59						
Färder (X'ania Fjord)	29.59	63	S	6	o		29.56	0.0	63	-3	S	6	o	4	0.20	66	59						
Bodö	29.39	52	SW	2	o		29.48	-0.2	56	-1	E	1	b	1	-	61	50						
Christiansund	29.46	57	-	0	o		29.38	-0.1	56	-3	W	2	r	1	0.95	64	54						
Skudesnaes	29.43	60	S	8	o		29.41	0.0	60	-2	S	8	c	7	0.43	63	54						
The Scaw (Skagen)	29.66	63	SW	3	bc		29.62	-0.1	62	-3	S	4	o	1	0.24	68	59						
Blaavands Huk	29.67	62	SW	7	o		29.61	-0.1	60	-7	SW	5	c	4	0.32	68	59						
Cuxhaven	29.75	64	S	2	c		29.74	0.0	63	+1	SW	4	bc	*	-	72	57						
The Helder	29.67	64	SSW	6	c		29.66	0.0	62	0	SW	5	bc	4	0.35	66	59						
Brussels	29.78	61	SSW	4	r		29.77	0.0	61	+2	SW	4	c	*	0.04	71	56						
Berlin	29.85	68	S	3	bc		29.83	0.0	67	+3	SW	1	bc	*	0.08	79	59						
Frankfurt	29.86	66	SW	1	b		29.89	+0.1	63	-1	SW	3	m	*	-	75	55						
Munich	29.93	57	SE	1	r		29.95	+0.3	62	+2	W	3	b	*	0.08	66	57						
C. Gris Nez	29.71	61	SW	7	o		29.69	+0.1	58	-2	SW	6	r	5	0.07	68	55						
La Hève	29.79	59	SW	5	o		29.74	*	58	-3	SW	5	o	5	0.20	70	52						
Brest (St. Mathieu)	29.79	58	SW	4	r		29.79	+0.6	57	-1	NW	2	bc	5	0.32	63	54						
Lorient (Rec Melen)	29.80	61	SW	6	o		29.74	*	60	-1	WSW	4	c	4	0.32	64	55						
Rochefort (Ile d' Aix)	29.97	64	W	4	o		29.88	*	60	-3	S	4	r	*	0.32	70	59						
Biarritz	29.99	68	NNE	3	c		29.92	*	70	+9	SW	3	o	2	-	73	61						
Paris	29.85	51	WSW	2	bc		29.85	-0.1	60	0	SW	3	o	*	Trace	73	59						
Belfort	29.92	66	W	4	o		29.99	*	59	0	W	2	o	*	-	72	53						
Lyons	29.95	69	NNW	2	b		29.99	*	60	-1	WSW	2	o	*	-	75	57						
Nice	29.84	66	WSW	1	b		29.89	+0.2	65	-4	-	0	c	2	0.47	77	57						
Perpignan	29.97	74	NW	1	b		29.93	-0.2	65	-2	-	0	bc	*	-	80	58						
Sanguinaire	29.87	72	N	3	m		29.97	*	73	+1	NW	4	bc	4	-	84	64						
Corunna (8 a.m.)																							
Lisbon (9 a.m.)	30.14	64	SW	3	b		30.15	+0.2	65	+1	SW	4	o	2	-	68	61						
Gibraltar	30.01	69	W	4	b		30.03	*	63		W	2	b	*	-	*	*						
Azores (P. Delgada)																							
Azores (Horta)	30.21	73	WSW	3	bc		30.21	+0.1	73	-1	SW	3	f	1	-	81	72						
Madeira (Funchal)	30.21	68	NE	1	bc		30.19	0.0	69	+1	NE	1	b	2	-	72	55						

* 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. 29th JULY.



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression now off the north of Scotland is passing away, but it is probable that a new dis-

turbance will affect our western districts before the close of the ensuing twentyfour hours.

FORECASTS FOR THE 24 HOURS NOON Tuesday TO NOON Wednesday.

0 { Moderate to fresh or strong W^{ly} winds, backing later; showery, some fair intervals; rather cool.
1

2 { SW^{ly} or W^{ly} winds, fresh or strong at times; considerable fair intervals, some showers; temperature below the normal.
3
4 {
5

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

6 { Same as Nos. 0 and 1.
7 {
8 {
9 {
10 {

Squally W^{ly} or W^{ly} winds, backing later towards S.W.; considerable fair intervals, some rain or showers; rather cool.

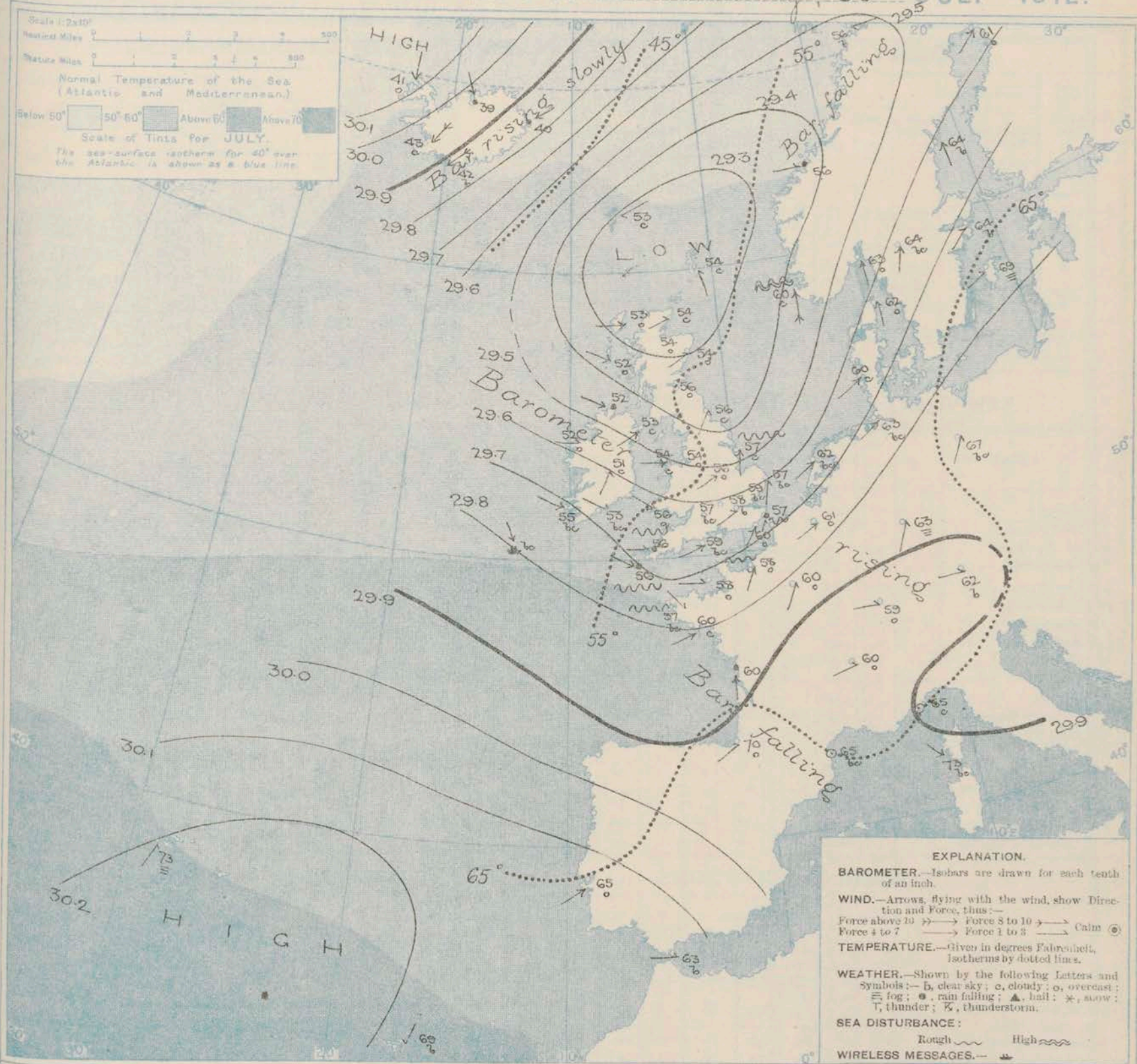
11 WESTERN CHANNEL AND BAY.

SW^{ly} or W^{ly} winds, fresh or strong at times; sea rather rough to moderate; some showers and squalls; fair intervals; rather cool.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M.

Tuesday, 30th JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The Depression shown yesterday morning off the west of Scotland lies between Scotland and Faeröe, and has become less deep. The lowest readings are now above 29.2 in. The depression is still of great extent, the greater part of North Western Europe being under its influence. The gradient is steep between Faeröe and Iceland.

S.W. winds prevail over England, the North Sea area, and the Scandinavian country, and in places the wind is still strong. Over Ireland and the west of Scotland the wind has veered to S.W. or slightly north of

S.W. Temperature is rather low for the time of year. The home readings reported this morning range from 51° in Central Ireland to 60° at Dungeness. On the Continent Biarritz is the only station that reports a reading as high as 70°. The weather is unsettled, with a good deal of cloud, and showers are reported from several places. The sea is moderate to rather rough generally.

DAILY WEATHER REPORT.

Tuesday 30th July, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirac.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirac.	Force.	
30th 7am	50	13	Laconia	H	29.77	-0.2	NNW	4-5	bc	29th 7am	48	12	Marquette	O	29.71	0.0	NNW	1-3	0
29th 6pm	50	19	Lusitania	H	29.75	-0.2	N	4-5	bc	"	48	23	Laconia	H	29.73	-0.1	NNE	1-3	0
"	49	22	Lusitania	O	29.87	+0.6	WNW	1-3	c	"	50	16	Lusitania	O	29.63	+0.7	W	6-7	0
"	48	17	Laplant	O	29.73	+0.3	NW	4-5	bc	"	48	14	Mesaba	H	29.58	-0.2	W	4-5	0
"	48	25	Marquette	O	29.80	+0.3	SW	1-3	0	"	49	12	Laplant	O	29.64	+0.2	WNW	4-5	0
"	49	11	Mesaba	H	29.58	-0.0	WSW	4-5	0										
"	49	16			29.72	+0.5	7	7	c										
" 1pm	49	14	Minnawaska	O	29.64	+0.1	WNW	6-7	bc										
" 7am	49	12			29.63	+0.6	WNW	6-7	r										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.					Hr.	Ramsgate ...	0.05	66	55	r-o	0	0.5
Stonehaven ...	0.57	60	52	bc	bc	3.7	Margate ...	0.11	66	55	r-o	0	0.6
St. Andrews ...							Deal ...	0.18	66	55	sp. c. q.	0.9	2.4
Carnoustie ...	0.73	61	52	bc	bc	4.4	Littlestone ...		62	56	r	0	2.7
England, N.E.							Folkestone ...	0.15	62	56	r	0	2.6
Harrogate ...	0.32	59	49	0.0	tl. 0.0	0.1	Hastings ...	0.09	65	57	sp. bc	0.0	3.3
Scarborough ...		63	54	0.0	0.0	1.7	Bexhill-on-Sea ...	0.10	64	58	p. bc	0.0	3.4
England, N.W.							Eastbourne ...	0.43	65	56	0.0	0.0	1.8
Blackpool ...	0.44	62	53	r-o	cp	2.5	Seaford ...	0.19	64	56	r-o	0.0	1.4
Southport ...	0.48	62	51	c-o	bc-o	3.3	Brighton ...	0.05	64	59	0.0	0.0	1.1
Buxton ...	0.53	59	49	c-r	bc-r	3.2	Worthing ...	0.18	64	58	c	c	1.3
Douglas ...	0.22	58	51	bcq	spq	4.0	Bognor ...						0.5
Wales.							Southsea ...	0.19	64	59	cp	0.0	0.3
Rhyl ...	0.13	51		bc-b	bc-b	3.0	Bournemouth ...	0.40	61	55	c-b	0.0	0.8
Colwyn Bay ...	0.04	62	53	bc	c	4.8	Litchington ...						0.2
Llandudno ...	0.10	62	53	bc	bc	4.5	Weymouth ...	0.22	62	56	0.0	0.0	0.0
Bettws y-Coed ...		60	53	c-b	bc-c	4.5	Teignmouth ...	0.17	62	55	c-p	0.0	0.0
Aberystwyth ...	0.73	61	53	r-o	0.0	4.0	Torquay ...	0.19	60	56	r-o	0.0	0.0
England, S.E.							Paignton ...	0.23	60	55	r-o	0.0	0.0
Skegness ...	0.04	66	56	0.0	0.0	1.0	Weston-super-Mare ...	0.37	62	54	c-r	r	0.0
Lowestoft ...	0.12	67	58	0.0	0.0	0.8							
Felixstowe ...	0.12	67	58	0.0	0.0	0.8							
Southend-on-Sea ...	0.04	66	60	0.0	0.0	1.2							

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.		Sunshine for Yesterday.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.				In Screen.	Min. on Grass.	Night.	Forenoon.	
Greenwich (Royal Obs.) ...	82	69	64	53	46	0.23	0.0	0.0	Dublin to 4 p.m.	0.09	62	50	48	bc	0.0
City (Banhill Row) ...									Plymouth to 9 p.m.	0.05	60	57	53	0.0	0.6
Westminster (St. James's Pk.)	73	65	62	55	50	0.18	0.0	0.0	Darwen	0.32	58	49	47	0.0	1.0
Camden Sq. (Brit. Rainfall)	73	65	64	52	50	0.21	0.0	0.0	Manchester						
Hampstead (Reservoir) ...		68	61	52	40	0.37	0.0	0.0	Birmingham	0.34	59	51	46	0.0	
South Kensington			64	55	52	0.28	0.0	0.0							
" (Roof of M.O.)	75	68	64	56			0.0	0.0							

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

30th July, 1912.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	
Yarmouth ...	4.8	11.59	7.49
Greenwich ...	4.10	11.59	7.47
Wick ...	4.21	12.6	7.51
Valencia ...	4.23	12.6	7.49
	3.59	12.18	8.37
	4.1	12.18	8.35
	4.59	12.47	8.36
	5.1	12.47	8.33

NOTES ON YESTERDAY'S WEATHER.

A S.W. gale was experienced yesterday on the western part of the Channel, and strong S.W. winds were general. Rain fell at all our stations. The amounts of bright sunshine were generally small. Thunderstorms were reported very generally from the north of England. Temperature reached 67° at Felixstowe, in many cases the maxima were below 60°. Wireless reports for yesterday showed fresh or strong W. and S.W. winds at 20° W. A report from 25° W. showed a backing wind from 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.

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.

1912.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

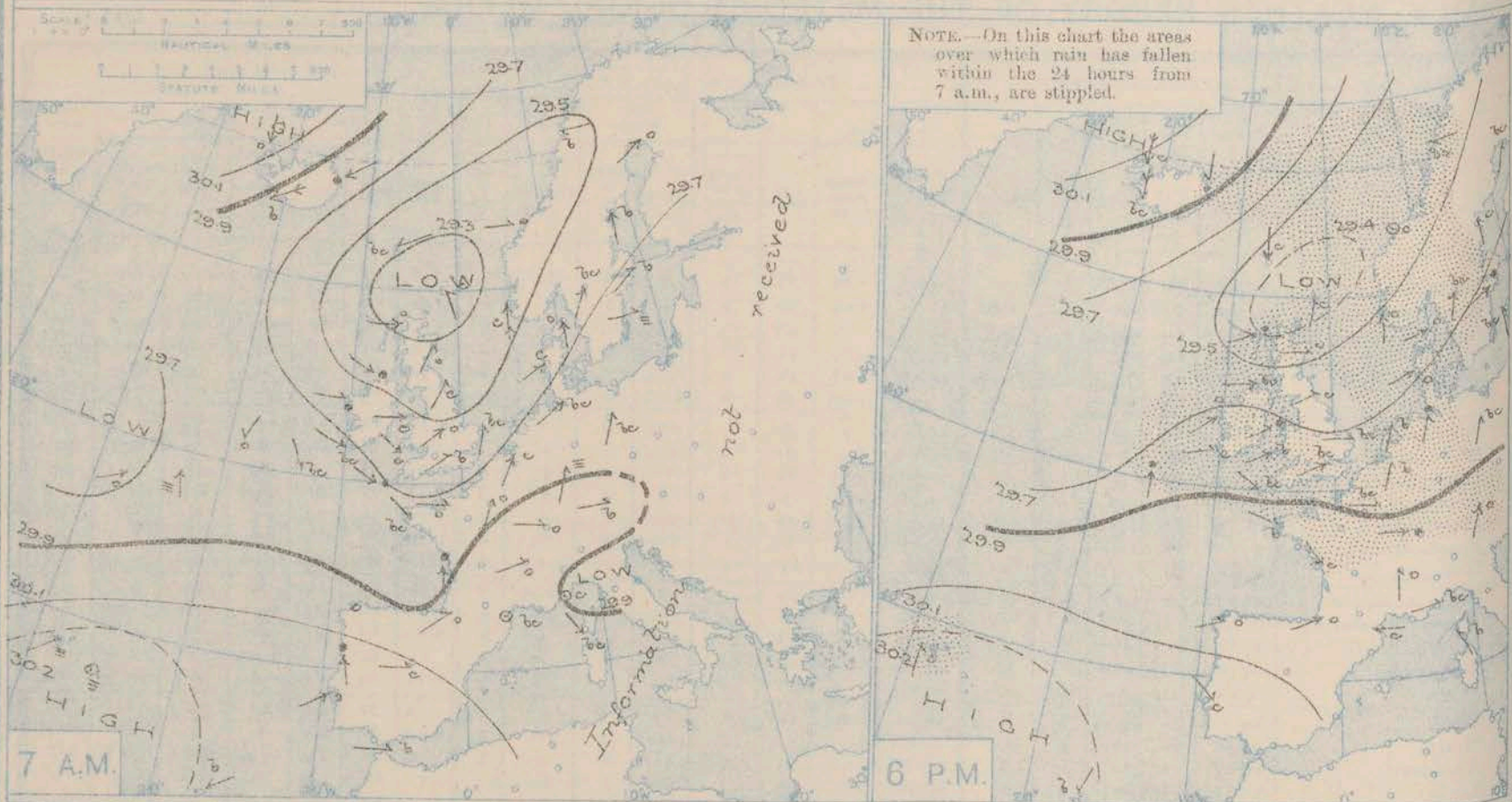
Wednesday,
31st July, 1912.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	Barom. At 32" Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind. Direc.	Force (0 to 12).	Weather.	Barometer. At 32" Fahr. 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 In.	Temp.		Weather.						
															Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.				
Lerwick	29.33	56	SSW	2	c	29.42	+0.2	52	-2	S	2	bc	1	0.05	57	50	cm	cpm	bc	Hours.			
Stornoway	29.40	54	WSW	5	cdp	29.34	+0.2	53	0	W	3	c	3	0.04	57	49	c.cdp	cdp	cdp	2.5			
Castlebay (Barra Isd.)	29.48	54	WNW	5	op	29.39	-0.1	54	+2	WNW	4	o	3	0.02	56	50	o.c	c.cdp	op.o	4.8			
Malin Head	29.58	54	W	6	bc	29.53	-0.1	51	-1	WSW	4	c	4	0.14	61	50	bc	bcqpp	cp	*			
Blacksod Point	29.70	55	SW	4	o	29.59	-0.2	52	0	SW	1	o	2	0.08	58	46	cpm	cpm	cpm	*			
Valencia	29.81	56	WSW	3	ov	29.49	-0.9	52	-3	ENE	3	r	4	0.24	59	51	bcw	cv	mr	6.7			
Roche's Point	29.83	59	W	3	c	29.55	*	54	+1	SSE	3	r	3	0.31	63	52	c	c	o.r	*			
Birr Castle	29.74	58	SW	4	bc	29.60	*	51	0	SW	2	m	2	0.02	61	49	bc	bc	om	9.1			
Donaghadee	29.65	58	W	3	c	29.63	-0.2	50	-3	SW	2	bc	2	Trace	61	47	cp	cp	bc	*			
Liverpool Obsy.	29.71	57	W	4	r	29.68	-0.3	54	0	S	2	o	3	0.08	61	51	op	bcp	o	2.4			
Holyhead	29.70	58	WSW	2	cp	29.65	-0.5	55	+1	SW	2	r	1	Trace	61	52	cf	bc	cpm	*			
Pembroke (St. Ann's Hd.)	29.79	58	WSW	5	b	29.65	-0.5	55	-1	SSW	4	rq	4	0.14	59	54	cqg	bcg	bcg	7.5			
Newquay	29.85	58	W	3	b	29.63	-1.1	55	-1	SE	4	r	3	0.12	60	52	cpw	bcw	bc.or	3.9			
Scilly (St. Mary's)	29.87	60	WNW	4	bc	29.61	-0.9	56	0	S	6	orm	6	0.16	64	54	bc	bc	bc	6.7			
Jersey (St. Aubin)	29.90	62	WSW	4	bm	29.84	*	58	0	SSW	4	ogp	3	0.01	64	57	cm	cm	c.ogp	9.8			
Portland Bill	29.83	61	WNW	5	b	29.76	-0.6	58	-1	SW	5	c	4	Trace	62	57	bc	bc	bc.c	*			
Dungeness	29.77	63	SW	5	c	29.83	-0.1	60	0	SSW	4	c	4	-	66	51	c.bc	c	cp.c	*			
Dover	29.78	62	SW	4	c	29.86	*	52	-5	SW	1	o	2	0.12	64	50	crabc	bc.c	cp.c bc	7.3			
Wick	29.41	56	WSW	3	c	29.41	-0.2	52	-2	SW	4	c	3	0.03	58	45	cp	cp	c.bc.c	*			
Nairn	29.43	56	WSW	2	c	29.40	*	51	-3	WSW	3	bc	1	Trace	61	45	c	c	bc	1.6			
Aberdeen	29.46	60	W	1	c	29.51	0.0	51	-3	SW	3	c	2	0.16	65	46	o.c	opt.c	c.b.bc	0.3			
Leith	29.53	58	WSW	4	b	29.59	-0.1	53	-3	SW	3	bc	-	-	62	49	c	c.b	bcg	*			
North Shields	29.60	61	WSW	3	c	29.66	-0.2	53	-3	SSW	3	c	2	-	65	50	-	-	-	?			
Spurn Head	29.66	61	WSW	6	c	29.74	0.0	54	-3	SSW	4	o	4	-	62	51	c.ogp	cp	c.o	*			
Yarmouth	29.71	64	W	3	bc	29.82	0.0	53	-4	SW	2	bc	1	-	68	49	bc	bc	c.bc	6.3			
Clacton-on-Sea	29.73	62	WSW	2	c	29.84	0.0	56	-3	WSW	2	o	1	0.02	70	51	bc	bc.c	c.o	6.6			
Nottingham	29.71	61	W	5	b	29.75	*	54	-2	SW	2	o	*	0.01	63	49	opm	o.c.b	b.bc	2.1			
Bath	29.82	60	W	4	b	29.76	*	54	-3	S	1	r	*	0.11	65	51	-	-	-	6.6			
Oxford	29.82	56	SW	3	c	29.77	*	54	-5	S	3	r	*	0.01	65	51	bm.c	ot.bcm	cm.b.c	*			
London (Kew Obsy.)	29.78	65	WSW	4	bcw	29.82	-0.2	55	-3	S	1	o	*	-	67	50	b.c.c	opm	bcw	7.4			
GALES.																							
Duration and Extreme Force on British Coasts.																							
Scilly. 47 m.p.h. in squalls since 5 a.m.																							
Isafjord	30.10	44	N	8	c	30.12	0.0	40	-1	-	0	c	*	*	*	*	*	*	*	*	*		
Reykjavik	29.93	55	N	8	bc	29.97	+0.4	40	-3	N	6	c	*	*	*	*	*	*	*	*	*		
Vestmanna	29.86	54	NW	2	b	29.91	+0.2	41	-1	NNW	5	c	0	*	*	*	*	*	*	*	*		
Seydisfjord	29.92	44	N	3	r	29.96	0.0	40	0	N	2	c	*	*	*	*	*	*	*	*	*		
Thorshavn	29.44	52	N	4	c	29.54	+0.3	47	-6	NE	5	o	*	*	*	*	*	*	*	*	*		
Haparanda	29.59	60	SW	2	bc	29.61	0.0	62	+1	SW	6	c	*	-	66	59	*	*	*	*	*		
Hernösand	29.59	61	S	2	c	29.63	+0.1	61	-3	S	2	b	*	-	66	55	*	*	*	*	*		
Stockholm	29.71	65	WSW	4	r	29.74	+0.1	64	0	SW	2	bc	*	0.04	73	55	*	*	*	*	*		
Wisby	29.75	64	S	2	bc	29.80	+0.2	69	0	WSW	4	b	*	-	73	61	*	*	*	*	*		
Karlstad	29.63	62	SSW	4	bc	29.66	0.0	62	-2	S	6	o	*	0.32	68	57	*	*	*	*	*		
Færder (X'ania Fiord)	29.57	63	SSW	6	c	29.59	0.0	59	-4	WSW	4	r	3	0.32	63	59	*	*	*	*	*		
Bodö	29.41	58	E	2	bc	29.47	+0.3	54	-2	-	0	c	0	0.04	59	50	*	*	*	*	*		
Christiansund	29.44	57	-	0	o	29.47	+0.1	58	+2	-	0	c	1	0.12	59	55	*	*	*	*	*		
Skudesnaes	29.48	59	S	4	o	29.54	+0.2	58	-2	WSW	8	o	4	0.20	63	57	*	*	*	*	*		
The Scaw (Skagen)	29.64	61	SW	4	o	29.66	+0.2	61	-1	W	4	o	1	0.08	64	55	*	*	*	*	*		
Blaavands Huk	29.68	62	SW	4	o	29.74	0.0	62	+2	W	4	bc	3	Trace	66	59	*	*	*	*	*		
Cuxhaven	29.76	62	SW	3	r	29.82	+0.2	60	-3	SW	4	o	*	0.08	72	57	*	*	*	*	*		
The Helder	29.73	63	SSW	4	bc	29.84	+0.3	62	0	SW	2	b	2	0.08	66	54	*	*	*	*	*		
Brussels	29.85	59	SSW	2	b	29.92	+0.1	59	-2	SW	3	o	*	0.12	66	53	*	*	*	*	*		
Berlin	29.81	70	SW	1	bc	29.88	+0.4	64	-3	SW	2	c	*	-	77	59	*	*	*	*	*		
Frankfurt																							
Munich	29.95	62	SW	4	o	30.04	+0.6	63	+1	SW	3	c	*	Trace	72	57	*	*	*	*	*		
C. Gris Nez	29.80	61	WSW	6	c	29.86	-0.1	59	+1	SW	5	o	4	0.16	66	55	*	*	*	*	*		
La Hève	29.88	62	SW	5	o	29.94	*	57	-1	S	3	c	3	0.04	70	54	*	*	*	*	*		
Brest (St. Mathieu)	29.98	62	WNW	2	b	29.78	-0.10	59	+2	S	5	r	4	0.16	64	55	*	*	*	*	*		
Lorient (Bec Melen)	29.92	62	W	5	b	29.81	*	60	0	S	5	r	5	-	64	55	*	*	*	*	*		
Rochefort (Ile d'Aix)	29.98	64	NW	4	c	29.99	*	64	+4	SW	4	o	*	0.16	68	59	*	*	*	*	*		
Biarritz	30.08	69	WSW	4	o	30.04	*	65	-5	ESE	2	b	2	-	75	61	*	*	*	*	*		
Paris	29.88	67	WSW	2	o	29.97	-0.1	57	-3	SSW	1	o	*	0.16	69	51	*	*	*	*	*		
Belfort	29.96	62	W	6	r	30.07	*	56	-3	-	0	o	*	0.04	71	53	*	*	*	*	*		
Lyons	30.01	64	S	1	o	30.05	*	63	+3	WSW	1	b	*	0.04	73	54	*	*	*	*	*		
Nice	29.91	68	WSW	8	bc	29.97	+0.4	69	+4	-	0	b	1	-	81	63	*	*	*	*	*		
Perpignan	29.99	79	E	2	c	30.06	0.0	70	+5	-	0	b	*	-	85	62	*	*	*	*	*		
Sanguinaire	29.97	72	SSE	2	b	29.95	*	73	0	SE	2	b	3	-	84	66	*	*	*	*	*		
Corunna (8 a.m.)	30.06	66	SW	2	o	30.04	-0.4	65	+2	S	3	o	3	-	70	61	*	*	*	*	*		
Lisbon (9 a.m.)	30.18	67	NW	2	c	30.17	+0.2	66	+1	N	1	o	5	-	70	63	*	*	*	*	*		
Gibraltar	30.03	62	W	4	b	30.01	*	65	+2	W	3	b	*	-	*	*	*	*	*	*	*		
Azores (P. Delgada																							

* 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. 30th JULY.



WEATHER PROSPECTS.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

With a depression over the Hebrides and a new one approaching the southwestern coasts the

weather will remain in a very unsettled state all over the British Isles.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

0 { a) W. to S. winds, fresh at times
b) locally; cloudy, some rain, local thunder; cool.

1

2 { a) Increasing S. winds; unsettled,
b) some rain, local thunder; cool.

3

Same as No. 5.

4 { a)
b)

Same as No. 2.

5

Increasing S. winds, fresh to strong, a gale on coast; squally, unsettled, rainy, thunder locally, fairer later, cool.

FORECAST DISTRICTS



STORM WARNINGS.

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

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

Signals Hoisted at

8.40 a.m. to-day

6 { a)
b)

Same as No. 0.

7 { a)
b)

SW. to SE. winds, increasing, strong to gale on coast; unsettled, rainy, thunder locally, fairer later, cool.

8 { a)
b)

Same as No. 5.

9 { a)
b)

Same as No. 0 & 1.

Same as No. 7.

10 { a)
b)

S. to S. winds, increasing, a gale at times; squally, unsettled, rainy, local thunder, fairer later, cool.

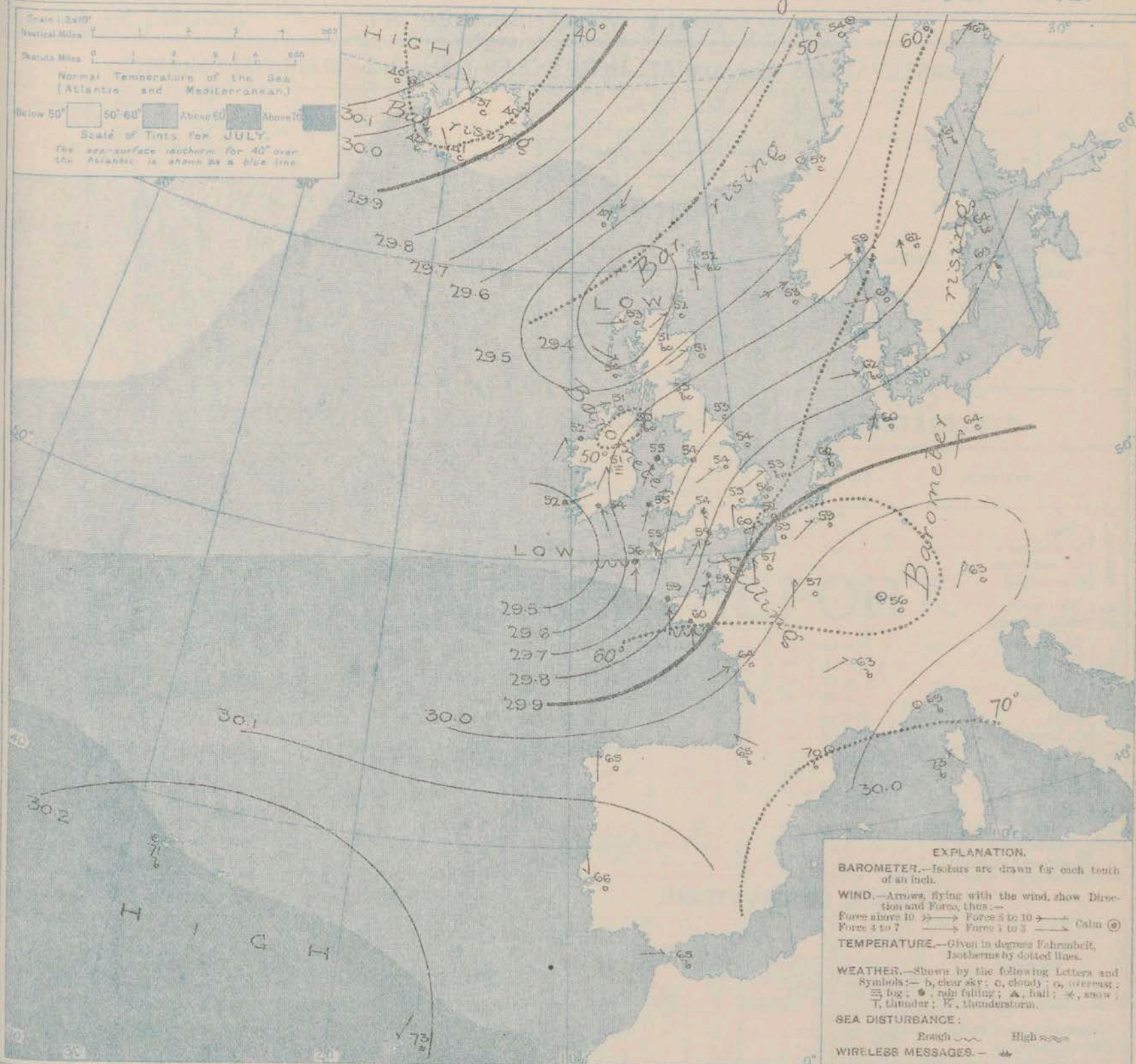
11 WESTERN CHANNEL AND BAY.

Increasing S. winds, gale at times; rough sea; squally, unsettled, rainy, fairer later, some mist or fog; cool.

THE FURTHER OUTLOOK. (All districts).

Conditions remaining unsettled.

SYNOPTIC CHART FOR 7 A.M. Wednesday, 31st JULY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure continues highest about the Azores and Madeira (above 30.2 in) and between Iceland and Greenland (above 30.1 in). In a depression centred over the north of Scotland the barometer is below 29.4 in, and on our southwestern coasts it is giving way rapidly with the approach of a new depression already below 29½ in. at the Fastnet. There is a considerable gradient over various parts of our area.

Light to strong E. to S. breezes prevail over the Iceland region, elsewhere the direction is mainly between S.W. and S., mostly light to moderate in force.

a strong breeze at Scilly and locally in Sweden, a gale at Skudeanaes. Over the British Isles temperature ranges from 50° at Donaghadee to 60° at Dungeness; on the Continent from 57° at Harre and Paris to 70° at Perpignan; in Scandinavia from 54° at Bodø to 69° at Wisby; and in Iceland from 37° to 41°. The weather is fine and clear over Southern France, but in other regions it is very cloudy to overcast, locally dull and gloomy, and rain is general over Southern Ireland, Western England and Brittany, and also on Christiania Fjord. A rough sea is running at the mouth of the channel, on all other coasts it is moderate to very smooth.

DAILY WEATHER REPORT.

Wednesday, 31st July, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		Wx-THRR.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		Wx-THRR.
	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).	
30th 6pm	50	15	Montezuma	H	29.76	-06	S	4-5	r										
" 7am	51	18			29.80	-18	NE	1-3	o										
" "	47	27	Minnewaska	H	29.68	-01	WSW	6-7	o										
" "	48	22	Lapland	O	29.82	-07	SSE	4-5	m										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
		In.					Hr.			In.					Hr.
Scotland.	Oban	0.07	59	52	c. d.	cp. bc. c.	2.4	England, S.E.	Ramsgate	0.09	70	55	b. o.	b. o.	6.9
	Stonehaven	0.08	?	47	cg	r. c.	1.3		Margate	0.02	69	55	o. cp.	bc. b.	4.0
	St. Andrews								Deal						7.5
	Carnoustie	0.02	65	47	b. c. b.	b.	3.6		Littlestone						8.3
England, N.E.	Harrogate		62	49	c. o. c. bc.	b. bc. c.	3.2	England, S.W.	Folkestone	0.30	63	56	r. o. bc.	bc. o.	7.2
	Scarborough		67	52	c. o. r.	c. b.	1.6		Hastings	0.12	66	56	op. c.	bc. c.	8.8
	Blackpool	0.20	60	54	r. o. c.	cg.	5.0		Bexhill-on-Sea	0.07	65	57	bc.	bc.	8.3
	Southport	0.25	60	49	or. bc.	b. bc.	3.7		Eastbourne	0.19	64	56	b. bc.	b. bc. o.	9.1
England, N.W.	Buxton	0.18	56	49	c. r.	bc.	1.6	England, S.W.	Seaford	0.11	64	57	q. bc.	bc. g.	9.0
	Douglas	0.32	59	52	bc. b. q.	b. q.	5.5		Brighton	0.03	66	58	c. bc. c. o.	o. c. bc. c.	6.2
	Rhyl	0.23	62	54	bc.	bc. c.	2.6		Worthing	0.13	66	56	c. b.	c.	7.0
	Colwyn Bay	0.29	62	53	p. bc.	bc.	3.2		Bognor		*	*	*	*	6.5
Wales.	Llandudno		61	53	c.	b.	3.0	England, S.W.	Southsea	0.09	67	56	c. b.	r. c. b.	6.0
	Bettws y-Coed		62	52	c. b.	b. bc.	3.0		Bournemouth	0.45	65	54	c. bc.	bc.	6.4
	Aberystwyth	0.05	60	53	o. c.	c. b.	3.5		Weymouth	0.01	67	56	*	*	8.4
	Skegness								Teignmouth	0.01	67	52	cp. bc.	bc.	5.3
England, E.	Lowestoft	0.04	68	54	bc. c.	c. o.	6.0	England, S.W.	Torquay	0.01	65	54	bc.	bc.	6.6
	Felixstowe	0.07	69	56	m. o. bc. q.	bc. q. v.	7.8		Paignton	0.04	66	50	bc.	bc.	6.2
	Southend-on-Sea		69	56	o. c. b.	bc.	7.8		Weston-super-Mare		63	52	c. bc. b.	b.	6.0

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.		HUMIDITY.		TEMPERATURE.		Rain-fall.	WEATHER.		Sun-shine for Yesterday.	STATIONS.		Rain-fall.	TEMPERATURE.		WEATHER.		Sun-shine
		3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.					Max.	Min.	Night.	Forenoon.	
		%	%			In.			Hr.			In.					Hr.
Greenwich (Royal Obs.)		59	73	71	49	41	-	b. c.	7.9	Dublin to 4 p.m.		0.04	62	52	51	o. c.	4.8
City (Bunhill Row)								b. c.	6.5	Plymouth to 9 p.m.		0.02	63	55	50	bc. p.	4.7
Westminster (St. James's Pk.)		63	74	67	51	45	-	bc.	7.6	Darwen		0.77	56	50	50	or.	1.7
Camden Sq. (Brit. Rainfall)		66	69	70	49	47	-	bc.	6.3	Manchester		0.36	60	53	*	or.	2.7
Hampstead (Reservoir)			75	65	45	34	-	bc. p.	7.2	Birmingham			63	52	45	c.	5.2
				24 HOURS ENDED 9 A.M. TO-DAY.													
South Kensington				67	54	48	0.01	p. c.	6.8								
" (Roof of M.O.)		62	79	68	54	*	*	c. o.									

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

	31 July & 1 August 1912	Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth		4.10	11.59	7.47
		4.13	11.59	7.45
Greenwich		4.23	12.6	7.49
		4.24	12.6	7.48
Wick		4.1	12.18	8.35
		4.3	12.18	8.33
Valencia		5.1	12.47	8.33
		5.3	12.47	8.32

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 70° at Clacton-on-Sea and Margate, but many northern and western stations remained below 60°. Rain fell in many localities, but no large amounts were registered. Thunder occurred at Aberdeen and Oxford. The duration of bright sunshine ranged from about 20 minutes at Aberdeen to 9¾ hours at Jersey. As far west as the 20th meridian ships experienced light to moderate northerly breezes, and further west southwesterly and southerly winds, moderate to strong. The weather was fair to dull and rainy.

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

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ADDITIONS AND CORRECTIONS

TO THE

DAILY WEATHER REPORT.

JULY, 1912.

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 8).	Rain- fall.	Temp.		Weather.					
				At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.		Direc.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.				Direc.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	
1st.	P. Delgada.	30.30	64	-	0	o	30.38	+0.1	65	+1	NE	4	o	2	-	68	64	GALES.					
2nd.	Corunna.	30.31	63	NNW	6	bc	30.23	0.00	60	-1	NNW	6	o	6	-	64	55	Duration and Extreme Force on British Coasts.					
"	P. Delgada.	30.43	65	ENE	4	o	30.39	+0.2	63	-2	ENE	4	o	2	-	70	63						
3rd.	P. Delgada.	30.04	61	NNW	4	bc	30.03	+0.1	63	0	N	3	b	2	-	72	55						
4th.	P. Delgada.	30.34	64	NE	3	bc	30.20	+0.1	63	0	N	4	m	2	-	70	63						
5th.	P. Delgada.	30.34	64	N	2	o	30.35	+0.2	64	+1	N	1	o	2	-	68	63						
6th.	Sanguinaire	29.95	70	NW	2	m	30.04	-0.1	72	-1	SE	1	m	1	-	75	61	29th. July.					
"	Lisbon	30.17	59	NW	4	b	30.20	+0.2	62	-1	NW	3	bc	2	0.16	64	57	Malin Head					
"	P. Delgada.	30.39	64	-	0	bc	30.32	-0.1	66	+2	WNW	2	m	1	0.08	70	60	3pm-5am. Extreme SW. 9					
8th.	P. Delgada.	30.24	68	-	0	b	30.20	+0.1	68	+2	SW	4	bc	2	-	72	64						
9th.	P. Delgada.	30.21	69	WSW	3	b	30.19	+0.1	69	+1	SW	1	bc	2	-	72	66						
10th.	P. Delgada.	30.23	69	-	0	m	30.18	+0.2	70	-1	W	4	o	2	-	72	68						
11th.	P. Delgada.	30.17	70	W	4	bc	30.11	0.00	69	+5	W	3	m	2	-	73	64						
12th.	P. Delgada.	30.11	70	W	4	m	30.10	+0.3	70	+1	-	0	c	1	-	73	69						
13th.	Frankfurt	30.05	77	SE	1	b	30.10	+0.2	69	0	NE	1	b	-	-	90	63	Dungeness					
"	Corunna	30.12	61	SSE	3	r	30.19	+0.04	61	-5	NNW	5	bc	6	0.79	75	57	Midt. Extreme. SW. 8.					
"	P. Delgada.	30.28	68	NE	3	b	30.32	+0.1	67	-3	NE	2	b	1	-	77	66						
"	Funchal	30.17	72	N	2	b	30.16	+0.1	71	0	N	2	b	2	-	75	61						
14th.	Gibraltar	29.96	73	W	2	b	29.93	-	67	-	W	4	b	-	-	-	-						
15th.	Vestmanna	-	-	-	-	-	29.80	+0.7	49	+1	W	4	c	1	-	-	-						
"	Helder	30.12	78	E	2	bc	30.21	+0.2	72	0	E	2	b	-	-	86	68						
"	R. Delgada.	30.29	65	-	0	b	30.23	-0.1	68	+1	-	0	b	0	-	72	63						
16th.	Corunna	30.03	59	WNW	3	r	29.96	0.00	60	+3	SSW	3	o	5	0.43	63	57						
"	P. Delgada.	30.33	67	-	0	b	30.20	+0.1	67	-1	-	0	bc	0	-	75	64						
17th.	Belfort	29.97	78	E	5	m	30.03	-	62	-4	E	4	m	-	-	84	56						
"	Lyons	29.92	84	NNE	2	bc	29.94	-	73	0	ESE	1	bc	-	-	94	67						
"	Corunna	29.96	66	SSW	3	o	30.04	0.00	57	-3	ENE	1	f	3	-	70	54						
"	Lisbon	30.05	64	WNW	4	b	30.05	+0.2	65	+3	NW	3	o	2	-	72	61						
"	P. Delgada.	30.26	69	-	0	b	30.26	+0.1	69	+2	NNE	2	b	1	-	77	64						
18th.	Corunna	30.01	63	N	3	bc	30.06	0.00	62	+5	WNW	2	o	3	-	73	54						
"	Lisbon	30.04	63	NNW	2	b	30.03	+0.1	65	0	NNW	4	b	2	-	73	61						
"	Gibraltar	30.00	68	W	4	b	30.00	-	66	-	W	4	b	-	-	-	-						
"	P. Delgada.	30.34	68	-	0	b	30.34	+0.1	68	-1	-	0	c	1	-	75	66						
"	Funchal	30.14	69	N	2	c	30.13	+0.3	70	-1	N	2	bc	2	-	73	57						
19th.	P. Delgada.	30.35	69	ENE	4	b	30.34	+0.1	68	0	NE	3	b	1	-	75	68						
20th.	P. Delgada.	30.33	68	NE	4	bc	30.30	+0.1	67	-1	ENE	3	o	2	-	73	66						
"	Funchal	30.12	69	NE	2	bc	30.12	+0.1	70	0	NE	2	bc	2	-	73	59						
21st.	Lorient	29.86	64	WNW	4	bc	29.97	-	60	+3	W	2	o	2	-	66	52						
22nd.	P. Delgada.	30.31	64	NNE	2	b	30.27	+0.1	66	0	-	0	b	1	-	75	63						
23rd.	Helder	29.95	64	NNE	2	b	29.97	-	64	-1	NNE	1	bc	0	-	68	61						
"	Brussels	29.97	59	WNW	1	r	29.97	-	62	+3	WSW	1	o	-	-	69	53						
"	P. Delgada.	30.26	65	-	0	b	30.20	-0.1	65	-1	-	0	b	1	-	72	63						
24th.	Lyons	29.93	74	E	1	b	29.98	-	65	+2	N	1	b	-	-	79	57						
"	Lisbon	30.06	64	SW	4	r	30.04	+0.2	63	-1	SW	1	o	2	0.04	70	61						
"	P. Delgada.	30.24	66	H	1	bc	30.22	+0.1	64	-1	-	0	b	1	-	73	63						
"	Funchal	30.15	68	N	1	b	30.15	0.00	70	0	N	1	b	2	-	73	57						
25th.	P. Delgada.	30.18	68	-	0	o	29.92	-0.6	70	+6	WSW	5	m	5	0.47	72	63						
26th.	Lisbon	30.01	64	SW	3	o	29.93	+0.1	64	+1	S	2	o	2	-	70	61						
"	P. Delgada.	30.12	66	NNE	5	c	30.10	+0.1	65	-5	N	4	c	2	-	70	64						
"	Funchal	30.06	71	N	5	bc	29.95	+0.1	72	+2	SW	3	c	2	0.95	73	59						
27th.	Lisbon	29.83	64	SE	4	o	29.90	+0.04	64	0	SW	4	o	6	0.04	72	59						
"	P. Delgada.	30.08	67	NNW	1	o	30.06	+0.1	64	-1	N	3	c	1	-	72	63						
28th.	Gibraltar	30.10	63	W	3	bc	30.12	-	63	-1	W	2	b	-	-	-	-						
"	P. Delgada.	30.11	65	SW	4	m	30.08	+0.3	72	+7	W	3	o	3	0.16	72	64						
30th.	Corunna	29.99	68	SSW	1	o	29.96	+0.04	63	+2	-	3	o	3	-	70	59						
"	P. Delgada.	30.20	70	-	0	b	30.23	+0.3	68	-4	-	0	f	1	-	75	66						
31st.	Frankfurt	29.94	60	SW	3	o	30.00	-	60	-3	SW	3	m	-	-	73	55						
"	P. Delgada.	30.27	71	W	2	m	30.25	+0.2	71	+3	WSW	4	m	4	-	73	66						

GALES.

Duration and Extreme Force
on British Coasts.

29th. July.

Malin Head.

3pm-Sam. Extreme Sw. 9

Dungeness

Mid. Extreme. Sw. 8.

8.

WIRELESS TELEGRAMS.

ADDITIONS AND CORRECTIONS—JULY, 1912.

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.	Dirac.	Force.				Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirac.	Force.	
						In.	In.		(0-12).								In.	In.		(0-12).	
ADDITIONS.											CORRECTIONS.										
6th	5th 6pm	52	21	Caledonia	H	30.32	.00	S	4-5	b	2nd.	1st 6pm			California					5	
12th	12th 7am	51	13	Merion	O	29.68	+02	WNW	4-5	c	"	"			Laconia		30.47	.00	SE		
14th	13th 6pm	49	24	do.	O	29.94	+07	WNW	5	c	3rd.	2nd "			do.					4	
20th	19th 7am	50	14	Dominion	O	30.25	-.04	NNE	4-5	c	4th	3rd "	51	10	Lake Erie						
22nd	21st 6pm	55	15	Columbia	O	30.02	-.02	SE	1-3	c	6th	5th 7am		16	Majestic						
31st.	30th 6pm	47	25	Minnewaska	H	29.68	-.01	WSW	6	c	7th.	6th 6pm			Celtic		30.15				
											"	" 7am			Mongolian		29.96				
											"	"			Zeeland		30.02	-.01			
											"	"			Mongolian		30.05				
											"	"			Montrose				SSE	4	
											8th	7th 6pm		26	Majestic						
											"	" 7am			Montrose		29.96				
											9th.	8th "			Mongolian		29.88				
											10th	9th 6pm			Cameronia		29.64			7	c
											12th.	11th 6pm			Dominion		29.83				
											14th	13th "		10	Laconia					3	
											"	" 7am			Manitou		30.22	.00	SW	4	
											15th	14th 6pm			Columbia						
											"	" 7am			Manitou		30.24				
											16th.	15th "			do.		30.20				
											"	"			Philadelphia		30.15				
											18th.	17th "			Manitou		30.26				
											20th	20th 7am			do.				NNW		
											23rd	23rd "			Majestic				NNE		
											"	22nd 1pm			Haverford						
											26th	25th 6pm	55		Vaderland					3	
											"	" 7am			Victorian						
											28th.	27th 6pm		13	do.						
											"	"		11	Mauretania			-.03			
											"	"			Marquette						
											30th	29th "	47		Empress of Ireland		29.75	-.01			
											"	" 7am			Marquette						
											"	"			Minnewaska				NW	7	
											"	" 7am		21	Marquette			+01			
											31st.	30th "	48	20	Lapland					6-7	
											"	"			Minnewaska	H	29.79	-.06	SSE	4	m
											"	"			Lapland						or