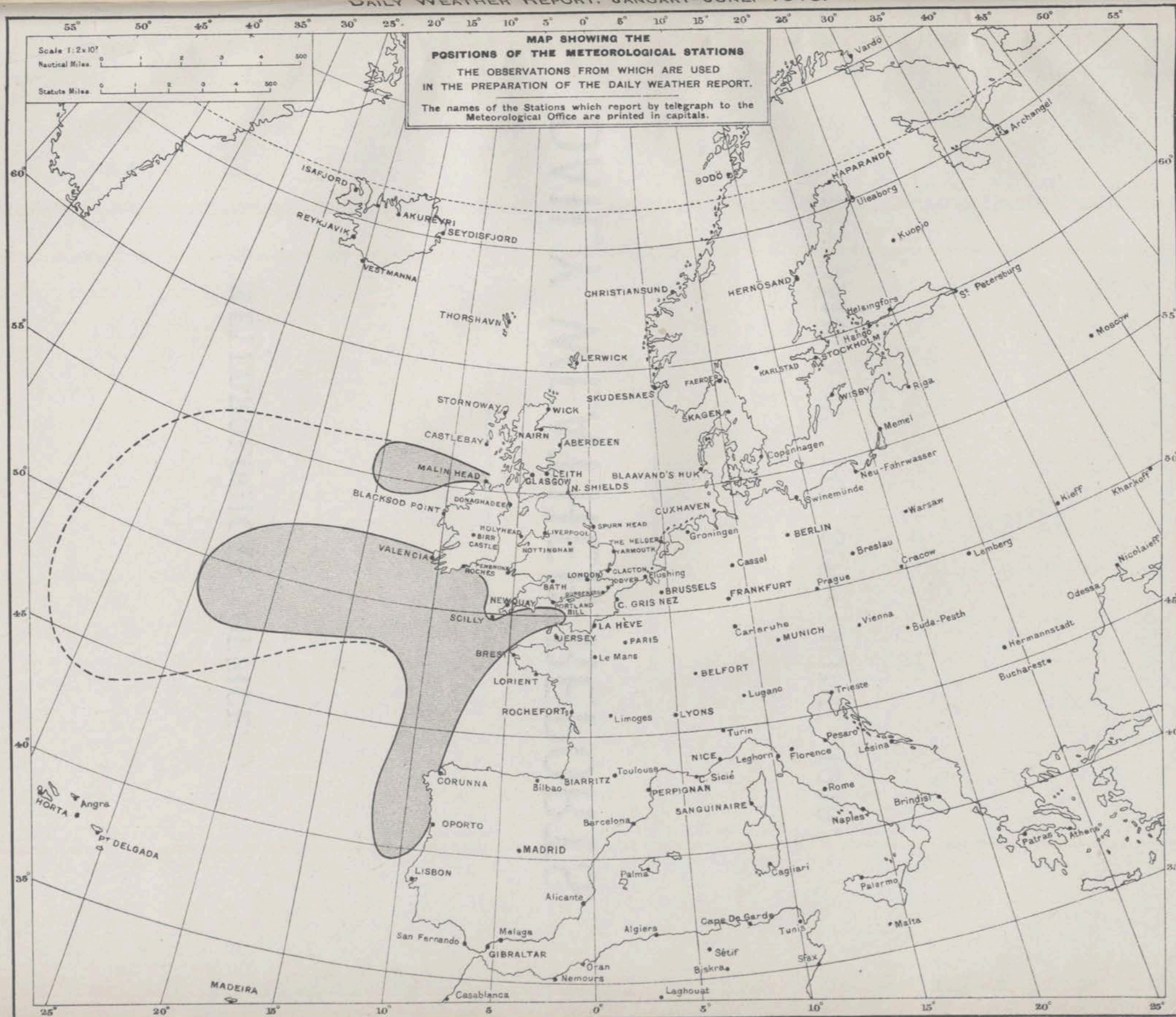


METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY TO 30TH JUNE 1913.

DAILY WEATHER REPORT, JANUARY-JUNE, 1910.



DAILY WEATHER REPORT. APPENDIX I.

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

FIRST QUARTER, JANUARY TO MARCH.

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

STATIONS.	PRESSURE. 1906-1910. 7 a.m. Observations (reduced to M.S. Level and to Lat. 45°).	AIR TEMPERATURE.								RAINFALL. 1876-1910.		BRIGHT SUNSHINE. 1881-1910.	
		Means of				Absolute Extremes.							
		1906-1910.		1876-1910.		1876-1910.							
		Dry Bulb 7 a.m.	Wet Bulb 7 a.m.	Daily Maximum.	Daily Minimum.	Maximum.		Minimum.		Days with Rain.	Total Fall.	Average Duration.	Per Centage of Possible Duration.
Temp.	Year.	Temp.	Year.										
JANUARY.													
Sumburgh Head	In. 29.686	39.1	37.6	42.5	35.4	52	1898	0	1910	27	In. 3.94	Hr. 28	% 13
Stornoway	29.771	40.3	39.2	43.5	34.5	55	1890	11	1881	25	5.06	28	13
Castlebay (Barra Isd.)	[29.812]44	[43.2]44	[41.4]44	[46.0]44	[38.7]44	[52]44	[1908, 09, 10]44	[28]44	[1910]44	[27]44	[3.39]44	[36]44	[16]44
Malin Head	29.878	41.8	40.9	44.5	37.5	56	1898	23	1894	32	2.74	—	—
Blackod Point	29.961	44.6	42.7	46.5	38.8	56	1890	26	1891, 94	26	5.15	—	—
Valencia	30.069	44.4	42.4	48.8	40.0	56	1876, 78	20	1894	23	5.52	48	19
Roche's Point	30.089	43.0	42.1	47.5	39.3	57	1889	20	1894	20	4.39	—	—
Birr Castle	30.038	39.3	38.4	45.1	34.1	57	1880, 98	6	1881, 94	20	2.74	50	20
Donaghadee	29.988	40.4	39.7	44.6	36.1	58	1898	14	1881	20	2.59	—	—
Liverpool (Observatory)	30.042	38.3	37.5	43.1	35.0	58	1898	9	1881	17	2.69	[79]44	[32]44
Holyhead	30.029	42.4	41.0	45.1	38.2	54	1889	20	1894	19	2.90	—	—
Pembroke (St. Ann's Hd.)	30.074	42.9	41.2	45.7	39.2	53	1899, 1907	19	1881, 94, 07	19	3.20	55	22
Scilly (St. Mary's)	30.280	45.7	43.2	49.0	42.5	57	1899	25	1894	20	2.97	60	23
Jersey (St. Aubin's)	30.170	42.7	40.9	46.3	38.4	57	1877, 99	12	1891	20	2.92	69	26
Portland Bill	30.076	42.9	41.6	45.2	38.2	[52]44	[1901, 03, 05]44	[23]44	[1907]44	18	2.20	—	—
Dungeness	30.081	39.2	37.9	43.5	34.6	55	1878, 98	11	1893	16	1.82	—	—
Dover	[30.002]44	[37.2]44	[36.1]44	[43.1]44	[33.1]44	[53]44	[1908]44	[17]44	[1910]44	[14]44	[1.92]44	[84]44	[33]44
Wick	29.763	37.3	36.1	42.4	33.0	60	1898	—	1881	21	2.42	—	—
Nairn	29.811	37.5	36.1	42.6	31.9	59	1887	4	1910	18	1.98	[47]**	[21]**
Aberdeen	29.857	36.7	35.2	42.1	33.0	59	1898	4	1881	18	2.09	51	23
Leith	29.901	39.5	37.6	44.0	33.8	58	1898	9	1881	15	1.73	—	—
North Shields	29.951	38.2	37.0	43.3	33.5	58	1890, 98	6	1881	14	1.53	—	—
Spurn Head	29.906	37.7	36.7	41.9	34.6	[55]*	[1898]*	[13]*	[1881]*	15	1.20	—	—
Yarmouth	30.042	37.3	36.1	41.5	33.4	57	1899	10	1881	17	1.59	[70]44	[32]44
Clacton-on-Sea	30.084	37.2	36.2	41.5	33.0	[54]44	[1901, 05]44	[21]44	[1907]44	15	1.26	[77]*	[30]*
Nottingham	30.047	36.7	35.6	42.4	32.3	58	1877	2	1881	19	1.77	[43]44	[17]44
Bath	30.113	38.5	37.4	44.2	33.6	[57]44	[1883]44	[11]44	[1881]44	16	2.33	46	18
Oxford	30.121	37.1	35.7	42.9	33.0	60	1877, 90, 1906	7	1881	15	1.79	51	20
LONDON { Westminster	30.092	38.5	37.1	[44.6]*	[34.0]*	[56]*	[1910]*	[20]*	[1908]*	[12]*	[1.50]*	22	9
LONDON { Kew	30.110	38.0	36.3	42.8	34.2	56	1877, 1910	9	1881	15	1.70	44	17
FEBRUARY.													
Sumburgh Head	29.693	37.9	36.5	41.8	34.2	53	1910	17	1895	22	2.98	60	—
Stornoway	29.690	38.5	37.5	43.8	34.0	55	1891	12	1892	22	4.28	—	—
Castlebay (Barra Isd.)	[29.772]44	[42.7]44	[40.9]44	[45.7]44	[39.0]44	[50]44	[1909]44	[29]44	[1908]44	[33]44	[3.38]44	[51]44	[20]44
Malin Head	29.777	40.8	39.8	44.4	37.2	[59]44	[1891]44	[20]44	[1895]44	[19]44	[2.31]44	—	—
Blackod Point	29.879	43.0	41.1	46.0	38.1	[61]44	[1891]44	[24]44	[1902]44	[22]44	[3.80]44	—	—
Valencia	29.969	43.4	41.2	49.1	39.9	58	1891	22	1895	22	4.96	71	26
Roche's Point	29.967	42.1	41.6	48.0	39.3	56	1877, 89, 96	25	1895, 1900, 02	18	3.83	—	—
Birr Castle	29.927	38.5	37.5	46.8	34.6	59	1891	6	1895	17	2.24	67	25
Donaghadee	29.858	39.4	38.3	44.2	35.6	57	1897, 1903	13	1895	18	2.31	—	—
Liverpool (Observatory)	29.895	37.8	36.2	44.2	33.6	62	1878	12	1895	16	1.76	[88]44	[32]44
Holyhead	29.890	41.3	40.1	45.3	38.1	59	1891	17	1895	17	2.44	—	—
Pembroke (St. Ann's Hd.)	29.934	42.0	40.4	45.6	39.0	56	1903	23	1895	17	2.57	77	28
Scilly (St. Mary's)	30.189	44.7	42.1	49.0	42.1	57	1896, 99	27	1895	18	2.57	87	31
Jersey (St. Aubin's)	30.022	42.0	39.8	47.1	38.8	62	1891	18	1895	18	2.51	92	33
Portland Bill	29.928	41.5	40.1	45.7	38.4	[54]44	[1903]44	[25]44	[1900]44	13	1.87	—	—
Dungeness	29.932	38.0	36.7	44.2	35.2	57	1897	11	1889	15	1.40	—	—
Dover	[29.982]44	[38.0]44	[36.8]44	[44.8]44	[34.6]44	[55]44	[1909]44	[26]44	[1909]44	[17]44	[1.42]44	[83]44	[33]44
Wick	29.662	36.8	35.3	42.8	32.6	59	1878	2	1895	19	2.24	—	—
Nairn	29.715	36.3	34.9	43.6	31.5	64	1891	0	1895, 97	16	1.73	[85]**	[29]**
Aberdeen	29.750	37.0	35.4	43.1	33.1	64	1897	6	1895	17	2.11	76	29
Leith	29.777	38.1	36.1	45.3	33.8	59	1882	12	1895	14	1.45	—	—
North Shields	29.813	37.1	35.8	44.3	33.8	60	1898, 99	7	1895	14	1.43	—	—
Spurn Head	29.850	37.5	36.4	42.8	35.4	[61]*	[1899]*	[20]*	[1895]*	13	1.26	—	—
Yarmouth	29.898	37.1	35.8	42.6	33.9	58	1898	15	1895	16	1.58	[81]44	[30]44
Clacton-on-Sea	29.933	36.8	35.8	43.1	34.1	[58]44	[1903]44	[20]44	[1901]44	12	1.35	[86]*	[31]*
Nottingham	29.890	36.5	35.2	44.6	33.3	61	1890	2	1895	17	1.61	[62]44	[23]44
Bath	29.905	37.4	36.4	46.2	34.3	[62]44	[1899]44	[16]44	[1902]44	14	2.12	73	26
Oxford	29.905	36.7	35.2	45.2	34.0	64	1891	7	1895	14	1.69	70	25
LONDON { Westminster	29.940	38.0	36.5	[46.0]*	[35.3]*	[56]*	[1909, 10]44	[23]*	[1909]44	[15]*	[1.28]*	37	13
LONDON { Kew	29.958	37.4	35.6	44.8	35.1	62	1899	11	1895	14	1.59	60	23
MARCH.													
Sumburgh Head	29.773	37.8	36.4	42.6	34.1	57	1893	18	1879	25	2.95	—	—
Stornoway	29.824	38.4	37.4	45.0	34.1	57	1894, 1907	13	1881	23	3.90	104	29
Castlebay (Barra Isd.)	[29.796]44	[41.0]44	[39.3]44	[45.0]44	[33.2]44	[50]44	[1908]44	[28]44	[1909]44	[24]44	[2.47]44	[102]44	[28]44
Malin Head	29.850	40.5	39.5	45.9	37.7	[62]44	[1894]44	[25]44	[1901]44	[20]44	[2.35]44	—	—
Blackod Point	29.904	43.0	41.3	47.9	38.7	[64]44	[1894, 99]44	[26]44	[1891, 00, 09]44	[24]44	[4.00]44	—	—
Valencia	29.957	43.4	41.4	50.4	39.8	66	1899	26	1899, 01	21	4.23	124	34
Roche's Point	29.964	42.4	41.4	49.4	39.3	61	1899	27	1899	16	3.02	—	—
Birr Castle	29.937	39.2	38.3	49.3	34.6	66	1894	18	1891	17	2.41	110	30
Donaghadee	29.912	39.8	38.7	47.2	36.5	64	1892	25	1892, 06	19	2.16	—	—
Liverpool (Observatory)	29.932	39.1	37.2	46.8	36.7	65	1884, 94, 07	21	1880	16	1.83	[121]44	[33]44
Holyhead	29.922	41.5	40.2	46.9	38.4	67	1894	27	1881	17	2.51	—	—
Pembroke (St. Ann's Hd.)	29.940	41.1	40.1	46.5	38.9	58	1899	26	1888, 09	17	2.36	133	36
Scilly (St. Mary's)	30.113	44.6	42.1	49.9	42.1	59	1893	30	1883, 90, 01	18	2.28	145	40
Jersey (St. Aubin's)	29.935	42.3	40.3	49.7	39.5	66	1893, 94, 03	21	1890	17	2.4.		

DAILY WEATHER REPORT. APPENDIX I.

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

SECOND QUARTER, APRIL TO JUNE.

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

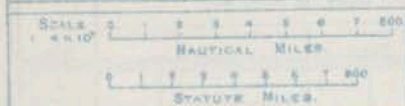
STATIONS.	PRESSURE. 1906-1910. 7 a.m. Observations (reduced to M.S. Level and to Lat. 46°).	AIR TEMPERATURE.								RAINFALL. 1876-1910. Days with Rain. Total Fall.		BRIGHT SUNSHINE. 1881-1910. Average Duration. Per Centage of Possible Duration.	
		Means of				Absolute Extremes.							
		1906-1910.		1876-1910.		1876-1910.							
		Dry Bulb 7 a.m.	Wet Bulb 7 a.m.	Daily Maximum.	Daily Minimum.	Maximum.		Minimum.					
						Temp.	Year.	Temp.	Year.				
APRIL.													
Sumburgh Head.....	29°844	39°8	38°2	45°9	36°9	59	1901	21	1899	19	In.	Hr.	%
Stornoway.....	29°865	40°6	39°2	49°1	37°2	67	1893	20	1881	18	2°02	159	37
Castlebay (Barra Isd.)..	[29°876]44	[42°3]44	[40°5]44	[47°2]44	[39°7]44	[64]44	[1908]44	[27]44	[1908]44	[21]44	[3°26]44	[177]44	[42]44
Malin Head.....	29°867	42°3	40°9	49°4	40°7	67	1900	26	1908	19	1°00	—	—
Blackod Point.....	29°914	45°0	43°0	51°4	41°9	71	1893	29	1897	20	2°05	—	—
Valencia.....	29°655	44°9	43°0	53°4	42°5	70	1892	30	1879, 92, 97, 98, 00	20	3°03	150	39
Roche's Point.....	29°667	44°2	43°1	52°9	42°2	72	1893	29	1908	16*	2°14	—	—
Birr Castle.....	29°940	42°7	41°3	54°0	38°1	73	1893	21	1892	18	2°21	153	37
Donaghadee.....	29°933	41°5	40°1	50°7	40°1	67	1909	28	1908	18	2°07	—	—
Liverpool (Observatory)	29°936	42°3	40°2	52°3	40°1	75	1893	28	1908	14	1°09	[175]44	[42]44
Holyhead.....	29°926	44°1	42°4	51°0	41°4	75	1893	30	1908	15	2°14	—	—
Pembroke (St. Ann's Hd.)	29°929	43°2	42°0	50°3	41°9	70	1893	29	1908	15	2°11	178	43
Selly (St. Mary's).....	30°066	45°9	44°0	52°6	44°7	66	1893	32	1876	16	2°13	181	44
Jersey (St. Aubin's)....	29°961	46°2	43°9	54°3	43°6	77	1893	32	1876, 92, 00, 03, 08, 10.	15	2°13	193	47
Portland Bill.....	29°938	44°1	42°3	51°7	42°3	[65]44	[1901, 04]44	[30]44	[1908]44	13	1°65	—	—
Dunegness.....	29°922	43°8	42°2	51°5	40°7	67	1901	24	1903	13	[1°34]44	—	—
Dover.....	[29°944]44	[43°9]44	[42°3]44	[52°0]44	[40°6]44	[66]44	[1909]44	[29]44	[1908]44	[15]44	[1°94]44	[200]44	[40]44
Wick.....	29°859	40°3	38°5	49°1	36°7	69	1900	20	1905	18	1°96	—	—
Nairn.....	29°872	39°7	37°5	51°4	38°0	71	1900	18	1908	18	1°45	[144]**	[34]**
Aberdeen.....	29°899	41°3	39°6	49°5	37°6	74	1900	22	1906	18	2°00	167	37
Leith.....	29°904	42°2	40°0	52°2	37°8	73	1900	17	1908	14	1°40	—	—
North Shields.....	29°915	41°0	39°4	49°9	37°7	71	1892	23	1908	15	1°03	—	—
Spurn Head.....	29°909	42°4	41°0	49°2	40°0	[67]*	[1885]*	[30]*	[1881, 89, 93, 05]*	14	1°10	—	—
Yarmouth.....	29°921	42°8	40°7	49°4	39°7	72	1885	25	1878	15	1°61	[200]44	[50]44
Clacton-on-Sea.....	29°936	43°4	41°5	50°7	40°1	[69]44	[1907, 09]44	[20]44	[1903]44	12	1°50	[188]44	[46]44
Nottingham.....	29°937	42°5	39°8	54°1	37°9	79	1876	23	1888	16	1°03	[152]44	[37]44
Bath.....	29°960	42°7	40°9	54°8	38°7	[74]44	[1901]44	[26]44	[1906, 08]44	13	2°17	149	36
Oxford.....	29°965	43°7	41°1	54°9	38°6	80	1893	23	1892	14	1°73	163	37
LONDON { Westminster	29°941	43°0	41°2	[54°9]44	[40°3]44	[72]44	[1907]44	[29]44	[1910]44	[16]44	[1°80]44	121	29
LONDON { Kew.....	29°967	42°5	40°3	54°7	39°5	73	1900, 01	27	1887, 91	13	1°06	153	37
MAY.													
Sumburgh Head.....	29°904	43°8	42°1	49°9	40°2	63	1895	27	1877	18	1°91	—	—
Stornoway.....	29°893	46°4	44°5	53°3	41°2	75	1908	26	1906	19	2°53	192	37
Castlebay (Barra Isd.)..	[29°940]44	[48°2]44	[46°1]44	[58°7]44	[45°3]44	[70]44	[1908, 10]44	[32]44	[1909]44	[21]44	[2°45]44	[220]44	[44]44
Malin Head.....	29°868	46°9	46°0	54°1	44°9	[73]44	[1908]44	[35]44	1886, 91, 97, 04, 06, 10	[18]44	[2°10]44	—	—
Blackod Point.....	29°899	49°3	47°5	55°9	45°9	[75]44	[1890]44	[34]44	[1910]44	[19]44	[2°87]44	—	—
Valencia.....	29°915	50°1	48°1	57°6	46°0	74	1884, 95, 97	34	1877, 85, 96	18	3°15	207	43
Roche's Point.....	29°938	49°7	48°2	57°7	46°3	73	1896	35	1909	15	2°59	—	—
Birr Castle.....	29°925	50°1	48°0	59°6	42°5	77	1881, 95	28	1877	15	2°29	185	38
Donaghadee.....	29°929	46°8	45°3	55°8	44°0	70	1896	33	1909	16	2°35	—	—
Liverpool (Observatory)	29°946	49°1	46°7	58°0	45°0	80	1895	30	1883	15	1°99	[239]44	[40]44
Holyhead.....	29°927	49°7	48°0	55°8	45°6	74	1895	37	1894, 03, 07, 09	14	1°97	—	—
Pembroke (St. Ann's Hd.)	29°926	48°5	47°3	55°0	45°9	72	1890, 1910	34	1879	14	1°94	219	46
Selly (St. Mary's).....	30°054	50°2	48°6	56°4	48°2	67	1896	38	1883	13	1°74	231	49
Jersey (St. Aubin's)....	29°976	52°4	49°9	59°5	47°9	78	1908	35	1905, 06	13	1°90	244	52
Portland Bill.....	29°951	49°7	48°1	56°8	46°5	[72]44	[1910]44	[36]44	[1902]44	12	1°47	—	—
Dunegness.....	29°951	50°3	48°7	57°3	46°0	76	1892	30	1892, 02	12	[1°34]44	—	—
Dover.....	[29°934]44	[51°6]44	[49°1]44	[58°9]44	[45°7]44	[77]44	[1909]44	[36]44	[1909, 10]44	[12]44	[1°76]44	[256]44	[52]44
Wick.....	29°897	45°8	43°6	53°8	40°6	71	1891	24	1876	18	2°05	—	—
Nairn.....	29°897	46°4	44°1	55°6	40°9	78	1885	26	1894	18	1°75	[177]**	[35]**
Aberdeen.....	29°923	47°5	45°3	54°6	41°7	75	1902	29	1884, 91	17	2°27	187	37
Leith.....	29°914	48°0	45°6	57°4	42°5	81	1881	27	1883	15	1°83	—	—
North Shields.....	29°932	48°1	46°1	54°5	42°3	73	1903	29	1891, 09	14	1°91	—	—
Spurn Head.....	29°935	49°2	47°2	54°6	45°0	[75]*	[1883]*	[34]*	[1891]*	13	1°61	—	—
Yarmouth.....	29°950	50°2	47°6	55°3	44°9	75	1909	32	1891, 92	14	1°80	[261]44	[54]44
Clacton-on-Sea.....	29°961	50°7	48°4	56°7	45°1	[75]44	[1909]44	[31]44	[1902]44	10	1°38	[231]44	[48]44
Nottingham.....	29°953	49°7	48°0	60°2	42°8	82	1895	25	1879	16	1°95	[174]44	[36]44
Bath.....	29°973	50°9	48°6	61°2	43°8	[79]44	[1884, 1909]44	[29]44	[1902]44	13	2°03	211	44
Oxford.....	29°976	51°9	48°6	60°9	43°7	83	1895	28	1877	13	1°85	195	41
LONDON { Westminster	29°958	51°2	48°6	[62°3]44	[46°7]44	[81]44	[1909]44	[33]44	[1906]44	[12]44	[1°51]44	171	36
LONDON { Kew.....	29°973	50°7	48°0	61°1	44°5	84	1895	30	1877	13	1°76	201	42
JUNE.													
Sumburgh Head.....	29°924	48°0	46°7	54°0	44°9	70	1891	33	1888	15	1°71	—	—
Stornoway.....	29°951	51°0	48°0	58°4	46°3	76	1893, 02, 05	31	1888	16	2°42	179	34
Castlebay (Barra Isd.)..	[29°910]44	[51°0]44	[49°6]44	[67°2]44	[46°1]44	[71]44	[1908, 10]44	[44]44	[1908, 10]44	[14]44	[1°94]44	[209]44	[40]44
Malin Head.....	29°947	51°5	50°3	58°8	49°3	[78]44	[1905]44	[40]44	[1902, 07]44	[10]44	[2°16]44	—	—
Blackod Point.....	29°963	53°6	51°7	60°8	51°0	[82]44	[1887]44	[40]44	[1894, 07]44	[17]44	[2°78]44	—	—
Valencia.....	30°014	54°2	52°2	62°2	51°0	81	1887, 02	38	1903	17	3°37	190	39
Roche's Point.....	30°016	54°3	52°5	63°0	51°4	80	1876, 87	41	1881	13	3°05	—	—
Birr Castle.....	29°999	54°4	52°3	64°9	48°7	85	1887	32	1881	15	2°45	165	38
Donaghadee.....	29°985	51°4	49°8	60°9	49°2	77	1887	36	1880	15	2°34	—	—
Liverpool (Observatory)	29°994	53°5	51°1	63°7	51°1	85	1878, 93	40	1903, 07	14	2°25	[198]44	[40]44
Holyhead.....	29°980	53°8	52°3	61°2	50°8	83	1878	42	1882	14	2°25	—	—
Pembroke (St. Ann's Hd.)	29°992	52°7	51°4	60°1	51°4	79	1893	38	1888	13	2°04	223	46
Selly (St. Mary's).....	30°125	54°4	52°6	61°3	53°2	75	1893	41	1888	14	1°78	238	49
Jersey (St. Aubin's)....	30°050	56°7	54°3	64°8	52°9	84	1878, 93	39	1890	12	2°09	239	50
Portland Bill.....	30°004	54°1	52°4	61°9	52°1	[78]44	[1903]44	[43]44	[1903]44	10	1°51</		

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

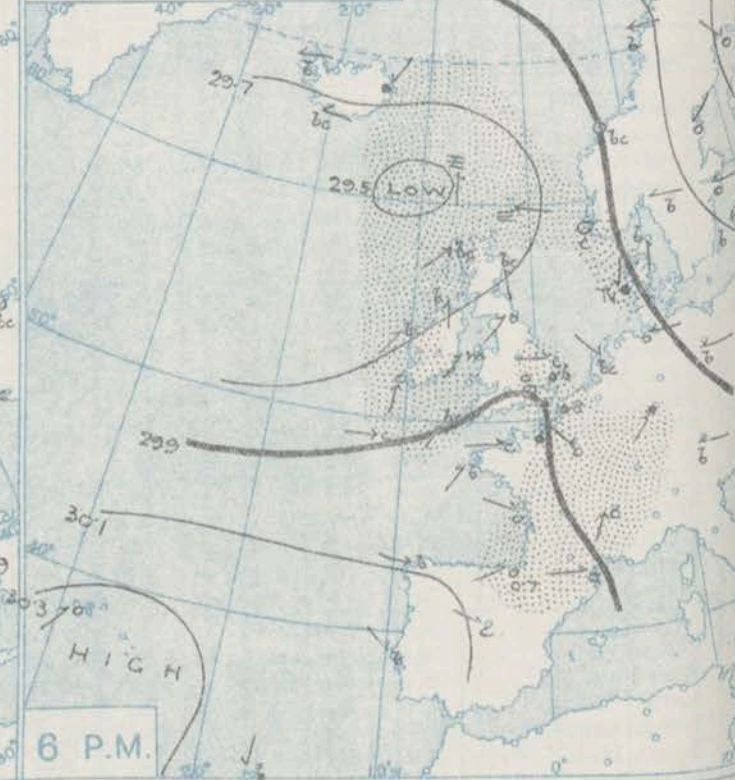
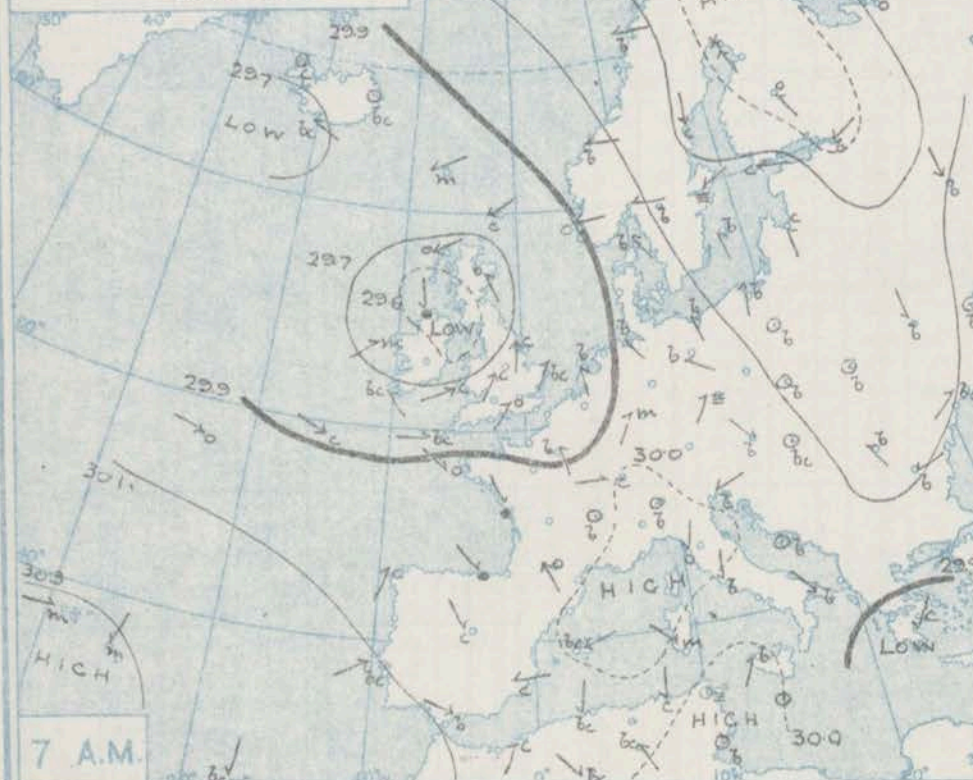
Thursday,
1st May, 1913.

1st May, 1913.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
YESTERDAY EVENING.										THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
STATIONS.					BAROM.					TEMP.					WIND.					Sea					Rain-fall.					Temp.					Weather.					Sun-shine for Yesterday.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
					At 32° Fahr. and M.S.L. Lat. 45°.					Dry Bulb.					Direc.					Force (0 to 12).					Weather.					Sea (0 to 9).					Rain-fall.					Max.					Min.					Morn'g. 7 a.m. to 1 p.m.					Aftern'o. 1 p.m. to 6 p.m.					Night. 6 p.m. to 7 a.m.					Hours.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.					In.				

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



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



GENERAL INFERENCE

The barometer is rising generally, and a changeable Southerly to Westerly

WEATHER PROSPECTS.

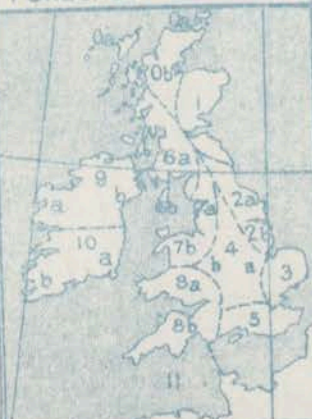
type of conditions is expected to prevail through the coming twenty-four hours.

FORECASTS FOR THE 24 HOURS NOON Thursday TO NOON Friday.

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

Balms and light breezes, mainly Southerly to Westerly; dull, with occasional local rain and mist, to fair or fine; rather cool

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

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

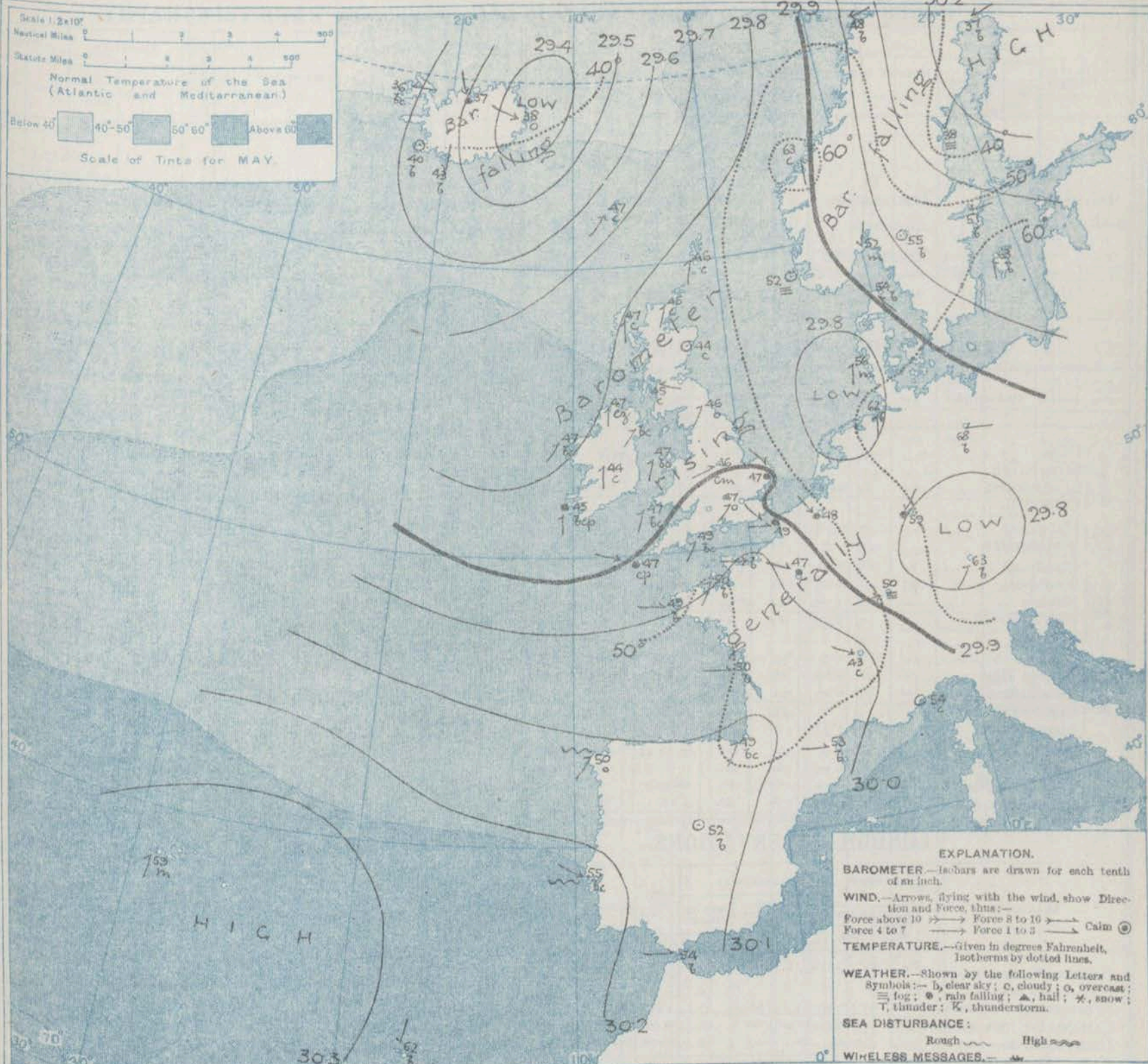
Same as Nos. 0 to 5.

THE FURTHER OUTLOOK.

11 WESTERN CHANNEL AND BAY.

Light variable breezes, mainly South-Westerly to Westerly; sea slight or smooth; dull to fair or fine; local rain and mist; cool.

SYNOPTIC CHART FOR 7 A.M. THURSDAY, 1ST MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is now at about 30.4 in. in an anticyclone between the Azores and Spain, and in another extending northward from Russia across Spitzbergen. In a depression off the east of Iceland the barometer is below 29.4 in., and in shallow depressions over the Low Countries and Central Europe it is at 29.4 in. The gradient is mostly very slight.

Throughout our area the winds vary greatly in direction, and few stations report so much as a moderate breeze. Temperature

is very uniform over the British Isles, ranging from 42° at Donaghadee to 50° at Jersey; on the Continent the range is much greater, from 43° at Lyons to 68° at Berlin; and in Scandinavia from 37° at Haparanda to 63° at Christiansund and Wisby. In Iceland the values are 36° to 43°, and at Spitzbergen the reading is 21°. At home and abroad the sky varies from clear and cloudless to overcast. A little rain is falling in a few isolated situations, and the atmosphere is foggy locally in Scandinavia and in the Vosges. The sea is slight to very smooth nearly everywhere.

DAILY WEATHER REPORT.

Thursday, 1st May 1913

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
1st 7 a.m.	50	17	<u>Franconia</u>	O	29.90	+0.5	WNW	4-5	c	30th 7 a.m.	48	25	<u>Kroonland</u>	O	29.99	+0.2	WNW	6-7	c
30th 6 p.m.	51	11	<u>Iaconia</u>	O	29.77	+0.2	W	1-3	bc	30th 7 a.m.	49	14	<u>Vaderland</u>	H	29.86	+0.3	WNW	4-5	c
"	49	11	<u>Vaderland</u>	H	29.85	+0.1	W	4-5	c										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.	
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.
Scotland.	Oban ...	0.10	56	45	bp	bp, b	2.5	England, S.E.	Margate ...	0.16	60	48	bc	bc, or
	Stonehaven ...								Ramsgate ...	0.16	60	51	*	*
	St. Andrews ...	0.41	57	46	o	bc	0.5		Deal ...	0.18	57	51	bc, or	og
	Carnoustie ...								Folkestone ...	0.12	60	48	c, bc, o	ro
England, N.E.	Harrogate ...	0.29	55	45	c, o, c	c, o	1.7	England, S.E.	Littlestone ...				*	*
	Scarborough ...		61	46	bc	bc	5.7		Hastings ...	0.53	59	48	tl, bc	or
England, N.W.	Blackpool ...	0.31	55	49	c	c	7.2	England, S.E.	Bexhill-on-Sea ...	0.31	54	50	bc, o	bc, re
	Southport ...	0.27	55	48	bc, o, c	c, bc, o	7.2		Eastbourne ...	0.57	60	48	bc	our
	Buxton ...	0.58	52	40	bc	bc	2.8		Seaford ...	0.62	61	51	bc, r, o	r
	Leamington, Spa ...	0.93	57	50	c	o	2.4		Brighton ...	0.32	54	50	o, c	or
Wales.	Douglas ...							England, S.W.	Worthing ...	0.32	57	49	o	ed
	Rhyl ...	0.31	54	46	bc	bc	5.0		Littlehampton ...	0.25			*	*
	Colwyn Bay ...	0.27	56	46	op, bc	bc, b	5.5		Bognor ...				*	*
	Llandudno ...	0.26	56	44	bc	b	6.2		Southsea ...	0.77	55	49	c, o, c, b	c, o, r, o
England, E.	Bettws-y-Coed ...		57	45	c, b	b	3.4	England, S.W.	Bournemouth ...		56	47	o, c	o
	Aberystwyth ...	0.22	53	45	or, c	c, bc	3.3		Weymouth ...	0.02	57	46	bc	bc, y
	Lowestoft ...	0.16	67	48	c, bc, c	c, or	7.2		Teignmouth ...	0.01	58	47	c	bc
	Felixstowe ...	0.09	60	52	bc	cmr	5.1		Torquay ...	0.03	55	46	bc	bc
England, E.	Walton-on-Naze ...	0.16	58	51	b, bc, o	ro	4.4	England, S.W.	Paignton ...					
	Southend-on-Sea ...	0.20	58	52	bc	p, r	2.5		Ilfracombe ...	0.27	54	46	c, bc	bc
									Weston-super-Mare ...		56	46	bc	b, bc, c

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.			Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.	
	%	%	Max.	Min.		Forenoon.	Afternoon.	Night.	
Greenwich (Royal Obs.) ...	68	74	59	45	0.12	o	o, or	or	3.2
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	2.5
Westminster (St. James's Pk.)	71	77	57	45	0.06	bc, n	r	bc, r, n	3.2
Camden Sq. (Brit. Rainfall)	65	71	60	45	0.09	c, o	bc, or	or, o, c	1.5
Hampstead (Reservoir) ...	*	74	55	42	38	0.08	bc, or	bc	3.2
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.			Average Rate.		Max. Rate.				
S. Kensington (Roof of M.O.)			Joules.		Milliwatts.		Milliwatts.		2.1

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

1st. and 2nd. May 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.24	11.50	7.16
	4.32	11.50	7.15
Greenwich ...	4.34	11.57	7.20
	4.32	11.57	7.22
Wick ...	4.20	12.9	7.08
	4.18	12.9	7.0
Valencia ...	5.13	12.38	8.2
	5.11	12.38	8.4

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 67° at Lowestoft and Yarmouth, but in numerous instances the maxima were below 55°. Yarmouth reports 0.6 in. of rain in the night, other districts return only small amounts. Saily registered 10³/₄ hours of bright sunshine but generally the records were much smaller, down to 1/2 hour at St. Andrews. Off the south-west of Ireland ships had light to moderate W. breezes, 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 wrapping.

12. 30

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

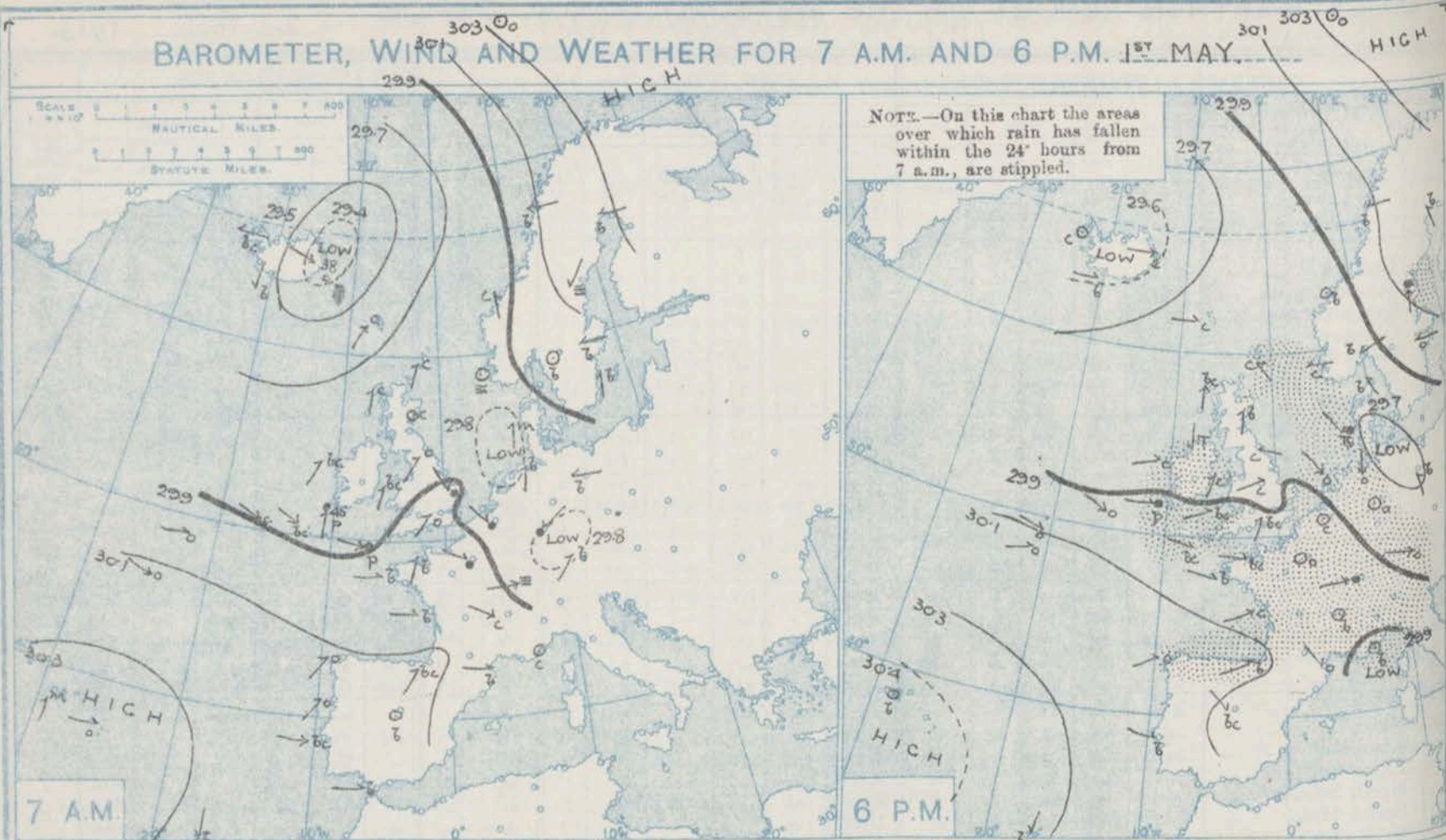
Friday,
2nd May, 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.	
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.					
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Change since 4 a.m.				Dry Bulb.	Change since Yester- day.	Max.	Min.						Morn'g. 7 a.m. to 1 p.m.	Aftern'a. 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.					
BRITISH ISLANDS.		In.	F.				In.	In.	F.							In.	F.	F.				Hours			
Lerwick		29.87	49	SE	1	c	29.85	-0.1	47	+1	-	0	bc	0	0.03	53	42	c	cm	cbe	-				
Stornoway		29.82	49	S	4	bc	29.85	0.0	46	-1	S	2	b	2	-	53	37	cbe	bcy	cby	5.7				
Castlebay (Barra Isd.)		29.81	48	S	3	b	29.82	-0.1	47	0	SSW	2	c	3	-	49	44	cbe	bcb	bc	10.3				
Glasgow		29.85	50	SW	1	bc	29.90	?	46	-5	?	?	mv	*	-	?	31	-	-	cbe	*				
Malin Head		29.81	48	N	2	bc	29.84	0.0	46	-1	SSW	3	bc	2	0.01	54	43	bc	bct	cp	*				
Blackod Point		29.79	50	WSW	3	e	29.86	0.0	47	0	SW	2	c	2	0.08	52	41	emp	cm	cm	*				
Valencia		29.91	50	W	3	cp	29.97	+0.1	48	+3	-	0	om	3	0.12	52	45	bcpht	cp	cm	5.9				
Roche's Point		29.90	48	SW	3	c	29.98	*	43	0	NNW	1	bc	2	0.08	52	41	bc-cp	clhnp	c-bb	*				
Birr Castle		29.84	51	W	2	c	29.92	*	44	0	SW	2	c	*	0.05	57	42	c	cpbl	c	9.3				
Donaghadee		29.85	51	WSW	1	b	29.90	+0.1	40	-2	SW	2	b	1	0.08	53	38	cp	b	b	*				
Liverpool Obsy.		29.89	48	WNW	1	r	29.93	0.0	45	-1	WSW	1	b	2	0.11	55	43	bc.	o	bcb	3.5				
Holyhead		29.88	50	SSW	2	b	29.92	+0.3	46	-1	W	2	bc	1	0.02	54	43	cr-be.	bc-b	bw-be	8.0				
Pembroke (St. Ann's Hd.)		29.91	48	WSW	3	bc	29.93	+0.2	47	0	W	2	b	2	-	51	45	bc	b	bc	9.2				
Newquay		29.93	50	W	3	b	29.95	0.0	48	+2	W	2	c	3	0.02	52	45	bcr	bu	bltfo	8.3				
SCILLY (St. Mary's)		29.96	51	WNW	3	bc	29.97	0.0	48	+1	WNW	4	bcp	3	0.02	55	45	b	bc	bc	11.6				
Jersey (St. Aubin)		29.99	52	W	3	bc	29.99	*	49	-1	W	3	bm	3	trace	55	44	bc-b	bc	bcb	11.6				
Portland Bill		29.94	49	NW	2	b	29.95	+0.1	49	0	NW	1	b	2	-	52	45	bc	bc	bc	*				
Dungeness		29.91	51	SW	3	bc	29.90	+0.1	47	-2	-	0	c	2	-	54	41	o.c.	c-be.	c-be.	*				
Dover		29.92	49	SW	3	b	29.92	*	46	-3	-	0	mv	2	trace	56	42	o-bcc	c-bc-b	buym	2.4				
Wick		29.84	46	SE	2	bc	29.86	+0.1	42	-3	-	0	f	1	-	48	36	com	ombam	bm-f	*				
Nairn		29.80	50	E	1	c	29.86	*	41	-2	-	0	b	1	0.01	56	31	bz.c	zc	p-wb	4.4				
Aberdeen		29.83	52	S	1	b	29.87	+0.1	45	+1	-	0	b	1	-	56	40	c-o	o-c-b	blche	3.4				
Leith		29.82	53	W	2	bc	29.85	0.0	45	+1	W	1	bz	*	-	56	38	bc.c.	c-bc.	bc-b.	*				
North Shields		29.87	49	ESE	2	c	29.90	0.0	44	-2	W	1	b	2	-	54	38	o	c	b	3.4				
Spurn Head		29.87	49	ESE	3	o	29.87	0.0	46	-3	NW	3	om	3	-	51	44	o.c	o	o.om	0.7				
Yarmouth		29.91	49	SE	2	c	29.88	0.0	46	-1	WSW	1	c	1	0.07	52	44	omf.be	bc.c.	bc.c.	0.7				
Clacton-on-Sea		29.89	52	S	3	c	29.90	0.0	45	-3	W	2	c	1	-	57	43	ogm.c.	cm	cmw	1.5				
Nottingham		29.86	56	WSW	2	c	29.90	*	45	-1	WSW	1	om	*	-	58	42	cm.o	o.c.	c-bm	3.6				
Bath		29.92	54	W	2	o	29.97	*	40	-3	-	0	m.	*	0.12	56	37	-	-	-	4.7				
London (Kew Obsy.)		29.90	57	SSW	3	bc	29.94	+0.1	42	-5	WSW	1	om	*	-	58	41	om.co	o.cbe	bc-b.	6.1				
ICELAND, FAEROE, &c.																						GALES. Duration and Extreme Force on British Coasts.			
Spitzbergen		30.32	23	-	0	o	30.17	-0.4	23	+2	S	5	o	*	-	23	16								
Isafjord		29.59	41	-	0	c	29.57	-0.4	39	+3	E	5	c	*	-	*	*								
Reykjavik		29.54	57	-	0	b	29.47	0.0	40	0	E	2	r	*	-	*	*								
Vestmanna		29.58	48	W	1	b	29.52	-0.3	40	-3	SE	1	o	0	*	-	*								
Seydisfjord		29.54	47	W	4	c	29.67	0.0	37	-1	-	0	o	*	-	*	*								
Thorshavn		29.80	52	W	2	c	29.78	-0.1	45	-2	-	0	c	*	-	*	*								
SCANDINAVIA.																									
Haparanda		30.21	36	SE	2	b	30.30	+0.2	26	-9	SW	2	b	*	-	48	26								
Hernösand		30.15	36	NE	4	r	30.15	0.0	36	-2	N	2	f	*	0.04	39	36								
Stockholm		29.99	45	E	2	o	29.99	0.0	45	-6	E	2	o	*	-	66	41								
Wisby		29.94	55	SE	2	b	29.91	-0.1	61	-2	E	2	b	*	-	72	46								
Karlstad														*	-										
Færder (X'lanis Fjord)		29.84	58	ESE	1	b	29.81	-0.1	53	+1	NNE	4	m	1	-	59	50								
Bodö		30.00	46	E	4	b	29.95	-0.3	47	-1	E	4	b	1	-	52	41								
Christiansund		29.84	54	-	0	b	29.78	-0.2	63	0	ESE	2	b	2	-	63	50								
Skudesnaes		29.76	57	E	2	c	29.72	-0.2	56	+4	NNW	4	c	2	0.04	57	46								
The Scaw (Skagen)		29.81	56	SE	3	b	29.75	0.0	56	+2	E	3	b	0	-	66	52								
Blaavands Huk		29.71	50	NW	1	lfr	29.70	+0.3	48	-8	W	1	f	1	trace	70	45								
GERMANY, &c.																									
Cuxhaven		29.76	54	M	3	o	29.77	+0.2	49	-13	W	3	*	0	0.28	70	48								
The Helder		29.88	47	WNW	4	o	29.89	+0.1	47		WSW	2	c	1	0.08	50	46								
Brussels		29.95	47	-	0	c	29.93	0.0	48	0	SW	1	o	*	0.08	48	46								
Berlin		29.68	74	SE	1	bc	29.74	+0.3	56	-12	NW	3	o	*	-	82	54								
Frankfurt		29.82	52	-	0	o	29.92	+0.3	40	-19	W	2	o	*	0.28	72	40								
Munich		29.78	55	W	6	o	29.96	+0.2	44	-19	SW	5	o	*	trace	72	43								
FRANCE.																									
C. Gris Nez		29.93	50	SW	4	bc	29.93	+0.1	49	0	WSW	3	c	2	trace	54	46								
La Hève		29.96	52	W	2	o	29.93	*	46	-3	W	2	o	2	?	57	40								
Brest (St. Mathieu)		30.04	53	WNW	3	b	30.04	0.0	48	-1	NW	3	b	2	-	55	46								
Lorient (Beo Molen)		29.99	53	W	4	b	29.96	*	48		N	2	bc	2	-	57	43								
Rochefort (Ile d'Alx)		30.04	54	WSW	4	c	30.01	+0.1	51	+1	-	0	o	*	0.04	59	46								
Biarritz		30.12	55	W	3	b	30.05	+0.1	50	+1	SW	4	r	2	0.32	57	45								
SPAIN, PORTUGAL, &c.																									
Paris		29.96	54	ESE	2	bc	29.96	+0.1	48	+1	SSW	1	o	*	0.08	60	44								
Belfort		30.02	42	WSW	6	r	30.02	*	45	-5	-	0	o	*	0.32	69	41								
Lyons		30.07	47	-	0	o	30.03	*	42	-1	-	0	o	*	0.08	50	37								
Nice		29.82	54	-	0	b	29.81	+0.3	56	+2	-	0	bc	2	-	63	50								
Perpignan		30.02	59	NW	2	o	30.03	-0.1	54	+1	W	2	b	*	-	66	46								
Sanguinaire		29.98	59	W	3	m	29.98	*	57		W	4	m	4	-	64	52								
CORUNNA (S.A.M.)		30.17	54	WSW	3	o	30.17	0.0	53	+3	WNW	3	o	5	0.16	57	48								
Lisbon (S.A.M.)		30.20	54	WNW	3	b	30.17	+0.1	58	+3	NW	3	b	5	-	61	52								
Gibraltar		30.10	59	W	3	b	30.07	*	54	0	W	2	b	0	-	71	53								
Azores (Horta S.A.M.)		30.42	59	-	0	b	30.39	+0.2	60	+1	-	0	o	0	-	60	47								
Madeira (Funchal)		30.24	63	NE	3	b	30.22	+0.1	63	+1	NE	3	bc	3	-	66	52								

* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



GENERAL INFERENCE

WEATHER PROSPECTS.

The changes of pressure are very slight, and the barometer exhibits an

upward tendency. A very quiet type of weather is therefore probable.

FORECASTS FOR THE 24 HOURS NOON FRIDAY

TO NOON SATURDAY

- 0 }
1 Calms and light variable
2 } breezes, mainly between S. and
3 } E. and N.E.; weather
4 } changeable, between fine and
5 } dull, with slight local showers,
6 } mist in places; cool.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

NO WARNINGS
ISSUED

- 6 }
7 }
8 }
9 }
10 }

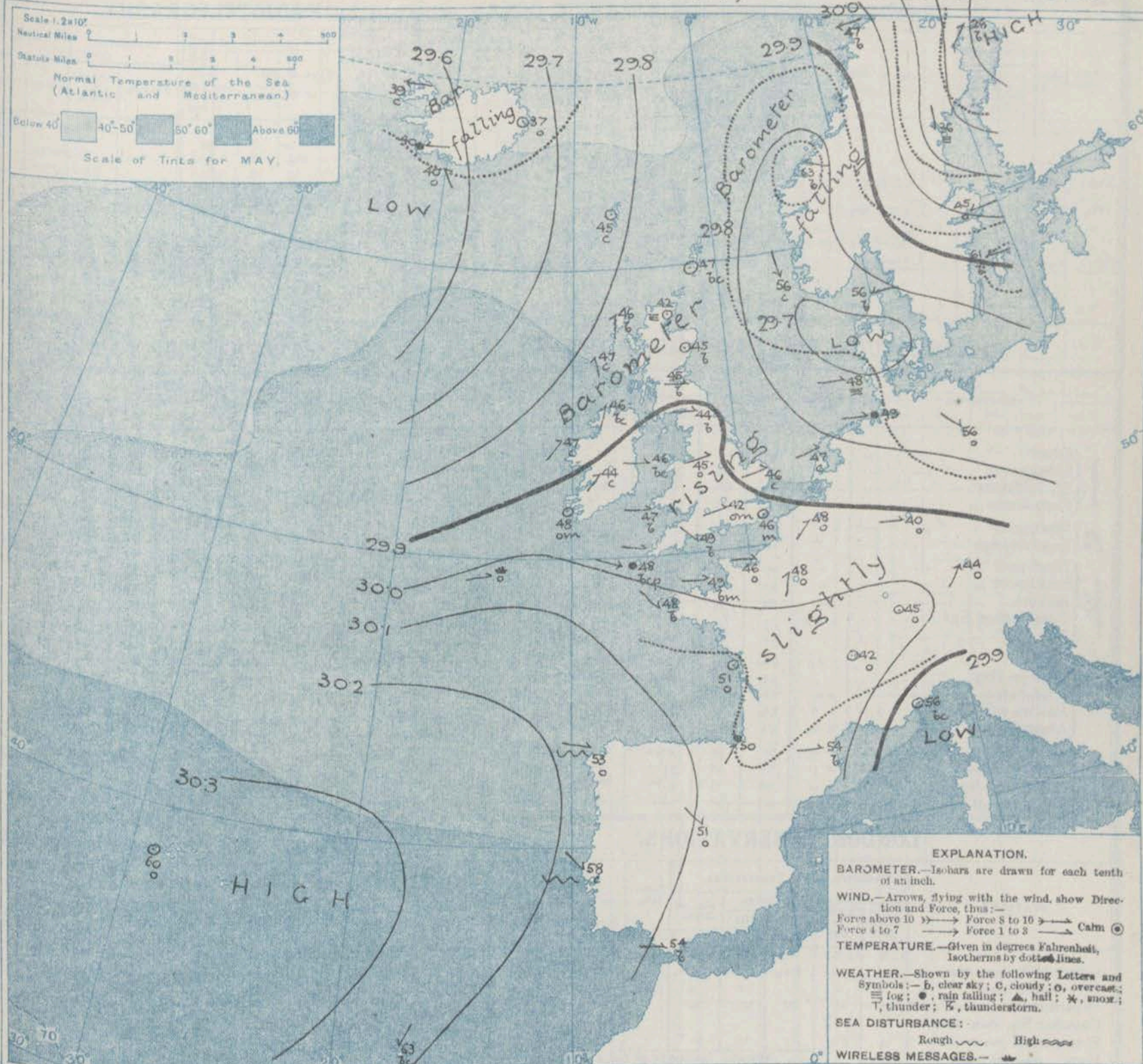
Same as Nos 0 to 5.

11 WESTERN CHANNEL AND BAY.

light N.W. to E. breezes; sea slight or smooth; generally fair or fine, local showers and mist; very cool.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. FRIDAY, 2nd 30th 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

There is hardly any change in the general distribution of pressure. The barometer is at 30.4 in. out at the Azores, and 30.3 in. over Lapland. In a depression off the west of Iceland it is at 29½ in., and in another over Denmark it is at 29¾ in. The gradient is slight generally.

Calms and light variable breezes prevail over nearly the whole of the region under observation. Temperature is low and fairly

uniform over western Europe, ranging from 40° at Bath, Donaghadee and Glasgow to 49° at Jersey and Portland Bill, from 42° at Lyons to 56° at Nice; in Scandinavia the values range from 26° at Haparanda to 63° at Christiansund; and in Iceland from 35° to 40°. At Spitzbergen the reading is 23°. Throughout our area the weather varies from fine and clear to overcast and dull, rain falling at a few widely scattered stations. Locally the atmosphere is misty or foggy. The sea is slight to very smooth on all coasts.

DAILY WEATHER REPORT.

Friday, 2nd May 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
2nd, 7 a.m.	49	24	Oceanic	H	30.08	-0.02	WSW	1-3	0	1st 6 p.m.	51	15	Royal Edward	O	29.93	+0.02	WNW	4-5	0
1st, 6 p.m.	49	20	Mount Royal	H	30.16	0.00	W	1-3	0	" 1 p.m.	51	13	"	O	29.89	+0.04	WNW	4-5	0
" "	49	20	Tranconia	O	30.07	+0.02	WNW	1-3	0	" 7 a.m.	47	26	Oceanic	H	30.14	+0.02	WNW	4-5	0
" "	48	20	Oceanic	H	30.16	-0.01	WSW	1-3	0	" "	49	23	Mount Royal	H	30.09	+0.03	W	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.	
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.
Scotland.	Oban ...	0.05	53	43	b.c.	b.c.	4.0	England, S.E.	Margate ...	0.14	56	47	c.	c.o.u.
	Stonehaven ...	"	56	36	b.c.	b.c.	3.9		Ramsgate ...	0.16	51	46	"	b.c.o.
	St. Andrews ...	"	57	41	b.	b.	5.9		Folkestone ...	0.15	56	47	o.c.	b.c.o.
	Carnoustie ...	"	52	39	"	"	6.0		Littlestone ...	"	"	"	"	b.c.b.
England, N.E.	Harrogate ...	0.01	53	40	c.b.	cp	1.1	England, S.W.	Hastings ...	0.04	56	46	o.p.b.c.	b.c.b.
	Scarborough ...	"	52	47	o	o	1.4		Bexhill-on-Sea ...	0.05	54	47	o.c.	b.c.b.
	Blackpool ...	"	54	39	c	c.b.c.	6.0		Eastbourne ...	0.12	55	46	b.c.o	b.
	Southport ...	"	54	42	b.c.	c.b.c.o.c.	5.0		Seaford ...	0.14	55	46	b.c.b.	b.c.b.
England, N.W.	Buxton ...	"	53	39	b.c.	b.c.	2.4	England, S.W.	Brighton ...	0.12	55	46	c.b.c.	b.c.b.
	Leamington Spa ...	0.07	57	40	c	o	4.0		Worthing ...	0.12	57	44	c.b.	b.
	Douglas ...	"	52	44	c.b.c.	b.	8.5		Littlehampton ...	0.07	"	"	"	b.c.b.
	Rhyl ...	0.04	53	39	b.c.	b.	4.8		Southsea ...	"	57	43	c.b.b.c.	b.c.b.
Wales.	Colwyn Bay ...	"	53	49	b.b.c.	b.c.	2.3	England, S.W.	Bournemouth ...	"	56	40	b.c.b.	b.c.b.
	Llandudno ...	0.01	56	42	o	o.b.c.	2.2		Weymouth ...	"	57	43	b.c.	b.
	Bettws-y-Coed ...	"	56	44	c.b.	b.	4.5		Teignmouth ...	0.25	57	44	b.c.p.	b.c.p.
	Aberystwyth ...	0.03	52	45	o.p.	b.c.o.	3.3		Torquay ...	0.01	55	44	b.c.	b.c.
England, S.W.	Lowestoft ...	0.66	50	46	o.p.c.	c.o.p.	0.4	England, S.W.	Paignton ...	0.04	56	41	b.c.p.	b.c.p.
	Felixstowe ...	0.11	56	50	c.g.m.	b.c.	1.9		Ilfracombe ...	"	52	44	b.c.	b.c.
	Walton-on-Naze ...	0.10	55	47	o.b.c.	b.c.o.b.c.	1.6		Weston-super-Mare ...	"	56	41	b.c.	b.c.
	Southend-on-Sea ...	0.10	59	42	b.c.	b.c.	2.0							

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.	Night.		Fore-noon.	After-noon.	Night.				In Screen.		Night Min. on Grass.	Night.	Fore-noon.	After-noon.
			Max.	Min.										Max.	Min.				
24 HOURS ENDED 4 A.M. TO-DAY.																			
	%	%	F.°	F.°	F.°	In.				Hr.		In.	F.°	F.°	F.°				
Greenwich (Royal Obs.) ...	64	83	62	40	31	-	o	bc,o	o	4.3	Dublin to 4 p.m.	0.01	56	44	40	bc.	c.b.	c.b.	
City (Bunhill Row) ...	*	*	*	*	*	*		*	*	2.8	Plymouth to 9 p.m.								
Westminster (St. James's Pk.)	67	86	60	41	35	-	bc,o	bc	bc		Darwen "								
Camden Sq. (Brit. Rainfall)											Manchester "								
Hampstead (Reservoir) ...	*	98	57	38	31	-	bc,p	bc,f	b	4.2	Birmingham "	0.02	55	41	23	bc.o	o	o	
Kew. (See front page.)											Oxford to 8 p.m.	*	57	42	37	obsc.	bc.en	cm. rate of op	
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.																			
			Total.		Mean Rate.		Max. Rate.												
S. Kensington (Roof of M.O.)	72	87	1409 Joules.		26.4 Milliwatts.		74 Milliwatts.		5.3	S. Kensington (Museum Grounds to 6 p.m.)	0.01	59	46	41	op	o.c	o.c		

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

2nd & 3rd May 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.22	G.M.T. 11.50	G.M.T. 7.18
Greenwich ...	4.20	11.50	7.16
Wick ...	4.22	11.57	7.22
Valencia ...	4.21	11.57	7.23
	4.15	12.09	8.0
	4.16	12.09	8.2
	5.11	12.26	8.4
	5.10	12.26	8.6

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature remained below 55° over a large part of the British Isles. Slight showers fell in places, and a thunderstorm, with hail, visited southern Ireland. There was bright sunshine at all stations, varying from less than an hour on the east coast to more than 10 hours in the Southern Hebrides, and 11½ hours at Jersey and Sicily. As far west as the 28th meridian ships experienced light to fresh S.W. and N.W. breezes, and fair to dull weather.

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. local frost; z. dust-haze, or smoke.

Printed at the Meteorological Office, South Kensington, London, S.W.
By WYMAN & SONS LTD., Fetter Lane, London, E.C., and Reading.

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

BRITISH ISLANDS.

IRELAND, FAEROE, &c.

SCANDINAVIA.

GERMANY, &c.

FRANCE.

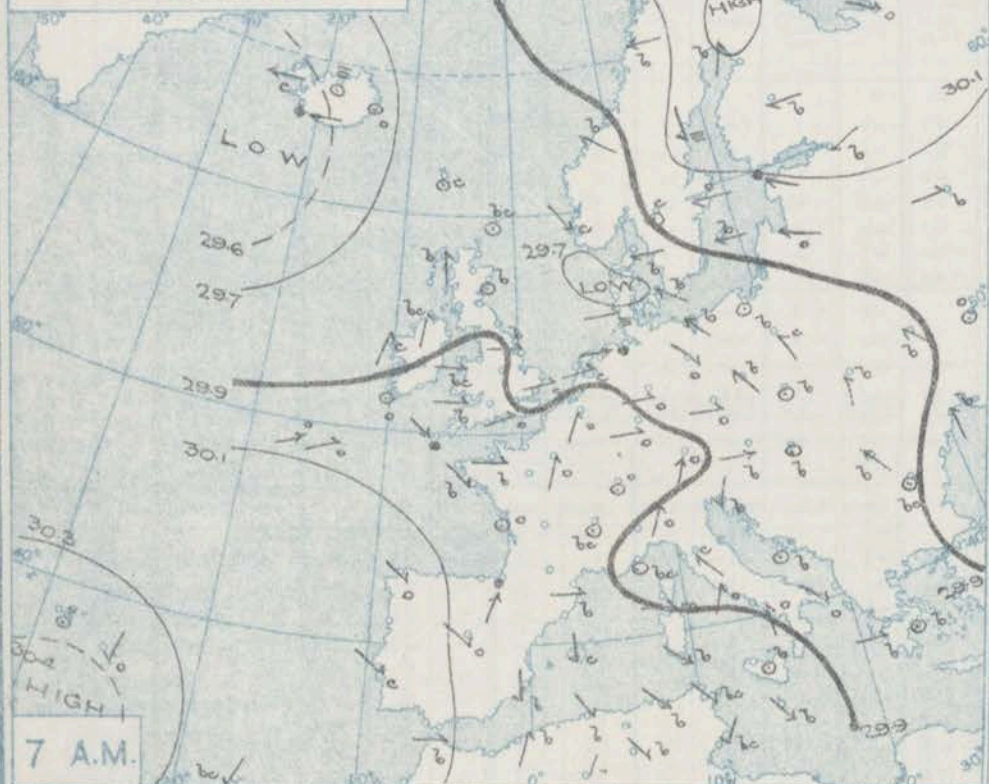
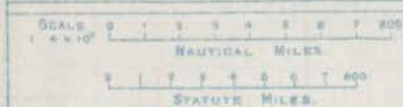
SPAIN, PORTUGAL, &c.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday
3rd May. 1913.

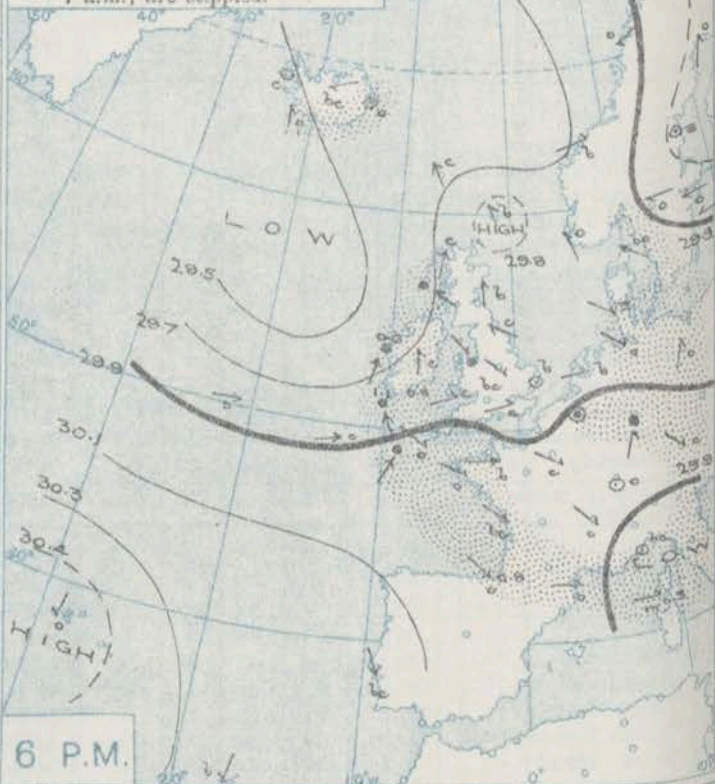
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.		Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).				At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).					Weather.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.		Aftern'd. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
BRITISH ISLANDS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Lerwick	29.83	51	SSE	1	b	29.64	-0.5	46	-1	ENE	3	b	2	-	54	44	b	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	

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



7 A.M.

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



6 P.M.

GENERAL INFERENCE

WEATHER PROSPECTS.

A "V"-shaped secondary disturbance in the west will occasion very unsettled conditions

during its passage to the eastward, an improvement taking place in its rear.

FORECASTS FOR THE 24 HOURS NOON Saturday TO NOON Sunday.

0 {
a
b

1

2 {
a
b

3

4 {
a
b

5

Southerly breezes, occasionally fresh or strong in places, sudden shift to between West and North in a sharp line squall; unsettled, rainy, thunderstorms local mist, then fair to fine periods; rather cold.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

South Cone hoisted at 7 p.m. in Districts a, b, 7, 9 and 10.

6 {
a
b

7 {
a
b

8 {
a
b

9 {
a
b

10 {
a
b

Same as Nos. 0 to 5.

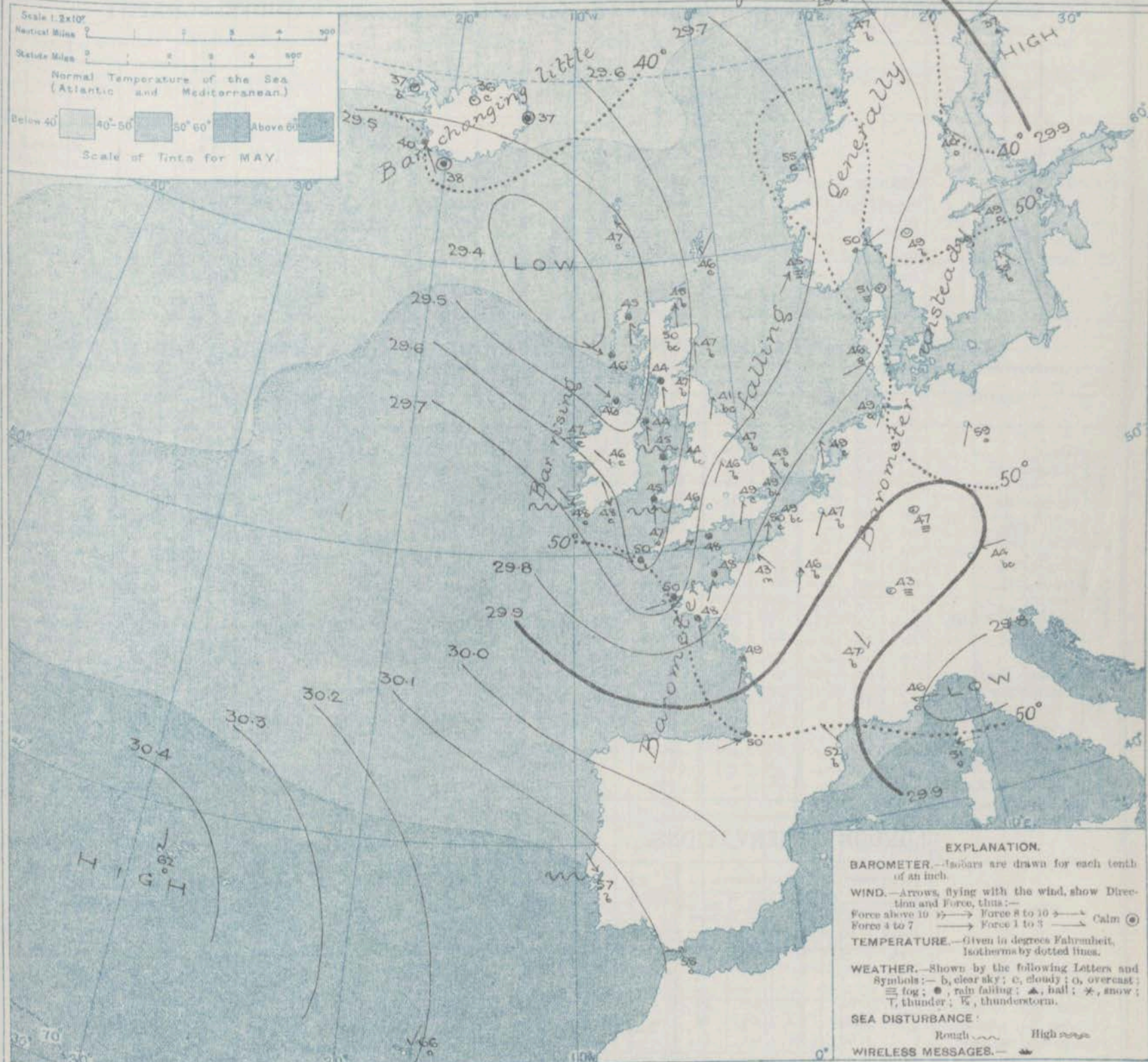
Wind between West and North fresh or strong at times locally; gusty, changeable, some rain and mist, fair to fine intervals; rather cold.

WESTERN CHANNEL AND BAY.

Southerly and South Westerly winds, light, shifting westerly to northerly in line squall, strong at times; some rain, thunder and mist; fair to fine intervals; rather cold.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Saturday, 3rd MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A decrease of pressure has taken place over nearly the whole of the region under observation. The Barometer is now highest, above 30.4 in., at the Azores. In the course of the night an Atlantic depression has advanced eastward, and its central space, with the Barometer below 29½ in., lies between the Hebrides and Iceland. From it an elongated secondary stretches down the Western channels as far as the Bay. The gradient is moderate to slight.

The wind has already shifted into the North-West quarter at the Irish stations. Over the rest of our area

South-easterly to South-westerly breezes are reported, light generally, calm at many stations, but Holyhead reports a strong wind. Temperature continues low for the season. Over the British Isles the values range from 41° at Shields to 50° at Pungness, Sully and Barm; on the Continent from 43° at Belfort to 52° at Perpignan, and 58° at Gibraltar; in Scandinavia from 37° at Haparanda to 55° at Christiansund and Wisby; and in Iceland from 46° to 40°. At Spitzbergen the reading is 28°. The weather is in a very changeable state, rain falling along a belt extending from Barm up to the Hebrides and Iceland. At some of the continental stations the atmosphere is foggy.

DAILY WEATHER REPORT.

Saturday, 3rd May, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
2nd, 6 p.m.	50	21	Virginian	H	29.86	-0.04	W	4-5	0										
" "	49	13	Mount Royal	H	29.89	-0.04	WSW	4-5	0	2nd, 1 p.m. } 47 46			See Seal "Scotia"		30.02	+0.06	S		
" "	49	8	Oceanic	H	29.90	-0.03	SW	4-5	1	G.M.T. }			Air Temperature 34°						
" 7 a.m.	49	16	Mount Royal	H	30.08	-0.02	WSW	4-5	0				Sea Temperature 36°						

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.	F.	F.			Hr.	(Margate ...)	In.	F.	F.		
(Oban ...)	0.01	55	36	bc.b.	bc.b.	7.1	(Ramsgate ...)	...	60	43	bc.	c.b.c.
(Stonehaven ...)	...	54	39	b	b	12.5	(Folkestone ...)	...	51	42	bc.	b.c.
(St. Andrews ...)	...	59	38	b	b	10.7	(Littlestone ...)	...	53	43	bc.b.	b.c.
(Carnoustie ...)	...	60	39	b	b	11.2	(Hastings ...)	...	55	43	b.c.	b.c.
Eng. N.E.							(Bexhill-on-Sea ...)	0.08	56	42	c.b.c.	bc.b.
(Harrogate ...)	...	58	38	bc	b.c.	6.1	(Eastbourne ...)	...	55	42	b.c.	c.b.c.
(Scarborough ...)	...	55	44	o	c.b.	7.2	(Seaford ...)	...	55	40	bc	bc
England, N.W.							(Brighton ...)	...	56	43	bc	bc.b.c.
(Blackpool ...)	...	53	36	c	b	9.8	(Worthing ...)	...	57	40	c.b.c.	bc.b.c.
(Southport ...)	...	53	40	bc.b.	bc.b.c.	8.7	(Littlehampton ...)	...	...	...	...	...
(Buxton ...)	0.03	55	41	bc	bc	8.7	(Southsea ...)	...	58	42	b.c.	bc.c.
(Leamington Spa ...)	0.07	57	38	o	o	1.4	(Bournemouth ...)	...	57	49	bc.b.	b
(Douglas ...)	...	53	37	b	b	12.0	Weymouth...	...	57	40	b	b
Wales.							(Teignmouth ...)	...	58	38	bc	bc
(Rhyl ...)	...	54	37	b	b	11.5	(Torquay ...)	0.06	56	39	showery.	bc.b.
(Colwyn Bay ...)	0.05	52	38	bc.b.	b	11.0	(Paignton ...)	0.08	56	37	obcp	bc.b.
(Llandudno ...)	...	58	42	b	b	11.0	(Ilfracombe ...)	0.03	53	43	b	b
(Bettws-y-Coed ...)	...	54	36	b	b	8.2	(Weston-super-Mare ...)	...	55	41	b	b
(Aberystwyth ...)	...	52	41	c.b.	bc.c.	11.5						
England, E.												
(Lowestoft ...)	...	55	44	bc.c.	c.b.c.	8.5						
(Felixstowe ...)	...	56	47	bc	bc	8.5						
(Walton-on-Naze ...)	...	56	?	bc	bc	9.8						
(Southend-on-Sea ...)	...	60	42	bc	bc	7.0						

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.		Night Min. on Grass.	Night.	Fore-noon.	After-noon.
			Max.	Min.		Max.							Min.					
			24 HOURS ENDED 9 A.M. TO-DAY.															
Greenwich (Royal Obey.) ...	%	%	F.°	F.°	F.°	In.				Hr.	Dublin to 4 p.m.	In.	F.°	F.°	F.°			
City (Banhill Row) ...	54	67	61	40	29	0.01	c.b.	bc.c.	c.b.c.	3.9	Plymouth to 9 p.m.	0.04	57	43	39	bp.bc	c	c.0.
Westminster (St. James's Pl.)	*	*	*	*	*	*	*	*	*	4.2	Darwen	0.01	57	39	36	o.bcw.	bc	bc
Camden Sq. (Brit. Rainfall)	62	76	61	40	37	-	bc	bc	c.b.bc	5.8	Manchester		57	40	36	*		
Hampstead (Reservoir) ...	51	66	64	42	38	-	b.bc.	bc.b.	b.cmc	4.7	Birmingham		56	40	29	o	c	c
Kew. (See front page.)	*	69	59	41	31	-	bc	c	bcp.bc	4.2	Oxford to 8 p.m.	*	59	40	36	o.c.b.	bc	c.b.b.
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																		
			Total.		Mean Rate.		Max. Rate.											
S. Kensington (Roof of M.O.)	65	75	1321 Joules.		247 Milliunits.		72 Milliunits.		5.5		S. Kensington (Museum Grounds to 6 p.m.)	-	60	41	36	bc.3	c.bc.	bc.c.0

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

3rd & 4th May, 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.30	11.50	7.19
	4.19	11.50	7.20
Greenwich ...	4.31	11.57	7.23
	4.29	11.57	7.25
Wick ...	4.16	12.9	8.2
	4.14	12.9	8.4
Valencia ...	5.10	12.38	8.6
	5.8	12.38	8.8

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature remained below the normal throughout the British Isles, hardly any station mounting to 60°. Heavy rain has fallen in the west, more than an inch at Valencia. Thunder and lightning occurred locally on the south coast of England. There was very little bright sunshine in Ireland, but over Britain the records generally were very large, ranging upwards to more than 12 hours in places. As far west as the 22nd meridian, ships had light to fresh S.W. to S.E. breeze with dull weather, some rain.

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

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,
4th May, 1913.

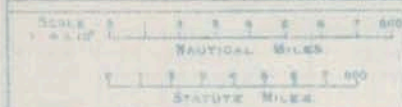
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).	Weather.			Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.				
BRITISH ISLANDS.	Lerwick ...	29.57	49	ESE	3	c	29.71	+0.06	43	-3	ESE	3	f	3	51	42	bc	c	o.c.f	*			
	Stornoway ...	29.49	48	WNW	4	c	29.64	+0.04	44	-1	-	0	bc	0	51	38	or.op	c	c.be	2.1			
	Castlebay (Barra Isd.)	29.50	47	WNW	3	o	29.63	+0.02	46	0	NW	3	0	3	50	41	r.op	op.o	a.be.b	1.4			
	Glasgow ...	29.46	46	-	0	r	29.58	+0.06	43	-1	E	1	0	0	47	42	r	od.e.g	oe.gd	*			
	Malin Head...	29.52	45	WSW	3	opm	29.63	+0.02	48	-1	W	3	c	3	47	43	ogm	opq	beun	*			
	Blacksod Point ...	29.63	46	WNW	6	c	29.75	+0.01	44	-1	WNW	5	0	4	50	40	om	cm	emp	*			
	Valencia ...	29.74	48	WNW	5	cp	29.84	+0.01	46	-2	WNW	4	c	4	51	42	o	cp	bep	4.5			
	Roche's Point ...	29.64	48	N	4	c	29.77	*	45	-3	NNW	4	bc	3	53	42	c.o	cp	c.b.be	*			
	Birr Castle ...	29.59	46	W	4	c	29.73	*	42	-4	NW	3	c	*	51	37	cp	cph	cp	2.3			
	Donaghadee ...	29.52	46	NNW	2	r	29.60	+0.04	43	-1	NNE	3	bc	3	49	42	om	omp	o.be	*			
	Liverpool Obsy. ...	29.50	44	W	4	r	29.44	+0.03	44	0	N	3	0	3	50	42	or	or	or	0.2			
	Holyhead ...	29.52	51	WNW	3	r	29.55	+0.02	45	0	NNW	7	ca	6	52	43	or.d	c.odm	or.c	0.0			
	Pembroke (St. Ann's Hd.)	29.57	47	WNW	4	c	29.62	+0.03	44	-1	NNW	5	ca	5	53	42	ormq	cpd	cpqg	1.2			
	Newquay ...	29.62	50	WNW	5	o	29.66	+0.06	46	-1	NW	7	cp	7	51	44	op.o	o	o.oq	0.0			
	SCANDINAVIA.	Scilly (St. Mary's) ...	29.67	49	NW	6	c	29.71	+0.03	46	-4	NW	6	c	6	52	42	bc	bc	cp	2.0		
Jersey (St. Aubin) ...		29.61	51	WSW	3	og	29.58	*	47	-1	WNW	6	ca	2	52	43	om	om og	oq.c	0.0			
Portland Bill ...		29.59	49	S	3	c	29.44	+0.01	47	-1	NW	6	bc	5	49	43	cr	c	cp	*			
Dungeness ...		29.63	51	SSE	3	c	29.37	0.00	46	-4	W	3	c	3	55	45	c.be	bc.c	cv.r.c	*			
Dover ...		29.65	48	SE	2	bc	29.38	*	47	-2	SW	2	bc	3	52	44	b	b.be	cor.be	q.9			
Wick ...		29.46	47	S	2	c	29.63	+0.05	45	0	S	2	0	2	48	43	bm.om	o.ompd	ompog	*			
Nairn ...		29.45	47	-	0	r	29.62	*	46	-4	-	0	bc	0	54	40	gd	r.z	r.be	2.8			
Aberdeen ...		29.50	51	SSE	2	o	29.64	+0.05	46	-1	ESE	1	0	2	56	43	by	b.be.c	o	10.8			
Leith ...		29.46	47	S	1	r	29.57	+0.06	46	-1	SE	2	0	*	53	42	c.og	or	or	*			
North Shields ...		29.50	51	SSW	3	o	29.55	+0.02	46	+5	ESE	2	0	3	58	39	c	o	or	8.0			
Spurn Head ...		29.55	51	SE	4	c	29.44	0.00	48	+1	SSE	5	c	4	57	45	c	c	c.or	q.6			
Yarmouth ...		29.65	51	SSE	3	b	29.39	-0.03	48	0	ESE	5	0	5	54	46	bm	b	or	12.1			
Clacton-on-Sea ...		29.64	53	SSE	2	bc	29.35	+0.03	46	-3	W	2	0	1	55	44	bc	bc	be.c	12.3			
Nottingham...		29.59	49	SSW	4	r	29.39	*	46	0	NE	3	r	*	57	42	bc	c.or	r	3.8			
Bath ...		29.56	48	S	3	r	29.48	*	44	-2	W	2	r	*	51	41	-	-	-	0.0			
London (Kew Obsy.)...	29.61	51	S	3	o	29.37	-0.01	43	-6	WSW	3	orm	*	56	43	c.o	c.copd	orm	3.2				
GERMANY, &c.	Spitzbergen ...	29.96	31	E	7	o	30.02	+0.06	33	+5	SE	4	0	?	33	23							
	Isafjord...	29.61	43	-	0	b	29.68	+0.02	40	+3	-	0	c	*	*	*							
	Reykjavik ...	29.55	50	SE	2	b	29.71	0.00	42	+2	E	1	r	*	*	*							
	Vestmanna ...	29.49	47	-	0	r	29.67	+0.01	43	+5	-	0	bc	0	*	*	*						
	Seydisfjord ...	29.60	39	E	5	r	29.78	+0.02	36	-1	S	2	r	*	*	*							
	Thorshavn ...	29.45	49	SE	4	o	29.60	+0.05	46	-1	-	0	0	*	*	*							
	Haparanda ...	29.92	35	E	2	bc	30.04	+0.02	34	-3	N	2	b	*	48	39							
	Hernösand ...	29.85	38	NE	4	o	29.97	+0.01	40	0	N	4	b	*	48	36							
	Stockholm ...	29.77	43	SSW	2	b	29.82	+0.03	43	-6	NNE	4	0	*	61	39							
	Wisby ...	29.77	48	SE	2	b	29.76	+0.01	51	-4	N	2	b	*	59	41							
	Karlstad ...	29.73	57	-	0	bc	29.78	+0.04	49	0	E	4	0	*	68	48							
	Färder (X'ania Fjord)	29.73	50	WSW	2	o	29.74	+0.01	48	-2	SSE	1	0	1	52	46							
	Bodö ...	29.76	50	E	2	b	29.83	+0.04	48	+1	E	2	b	1	55	41							
	Christiansund ...	29.68	50	W	3	o	29.82	+0.02	47	-8	W	1	r	3	61	46							
	Skudesnaes ..	29.76	45	-	0	o	29.76	0.00	45	0	-	0	bc	1	45	39							
The Scaw (Skagerrak)...	29.77	48	NW	1	m	29.75	-0.01	47	-4	WSW	1	0	0	54	45								
FRANCE.	Blaavands Huk ...	29.80	47	SSW	1	m	29.71	-0.01	50	+4	ESE	2	m	1	54	37							
	Cuxhaven ...	29.79	53	E	2	o	29.67	-0.03	51	+2	E	2	0	0	55	46							
	The Helder ...	29.75	51	-	0	c	29.54	-0.04	35	+6	ESE	3	bc	1	55	46							
	Brussels ...	29.70	48	SE	2	o	29.47	-0.04	47	0	SE	3	r	*	60	45							
	Berlin ...	29.80	57	N	3	bc	29.68	-0.03	53	+2	E	3	0	*	63	51							
	Frankfurt ...	29.76	53	SE	1	co	29.63	-0.03	46	-1	-	0	bc	*	61	43							
	Munich ...	29.78	47	N	2	bc	29.66	-0.03	50	+6	SSW	2	c	*	54	43							
	C. Gris Nez...	29.65	53	SE	2	o	29.39	-0.02	47	-2	WSW	5	c	4	59	46							
	La Hève ...	29.62	46	SW	3	r	29.45	*	41	-2	WNW	5	0	5	54	37							
	Brest (St. Mathieu) ...	29.77	50	NW	4	o	29.75	+0.04	47	-3	NW	5	c	3	54	45							
	Lorient (Bec Molen)...	29.70	52	NW	5	o	29.65	*	48	0	NW	5	bc	4	55	45							
	Rochefort (Ile d' Aix)	29.72	55	WNW	5	r	29.73	+0.01	50	+1	WNW	5	r	*	57	48							
	Biarritz ...	29.86	53	SW	4	r	29.89	+0.03	53	+3	NW	4	0	4	54	50							
	SPAIN, PORTUGAL, &c.	Paris ...	29.71	53	SW	4	o	29.51	-0.01	46	0	SSW	2	r	*	61	45						
		Belfort ...	29.78	52	E	3	m	29.67	*	45	+2	ESE	2	0	*	59	41						
Lyons ...		29.78	55	W	1	o	29.70	*	50	+3	SW	1	0	*	60	46							
Nice ...		29.78	49	-	0	c	29.69	0.00	51	+5	-	0	bc	1	59	43							
Perpignan ...		29.84	54	S	1	o	29.78	-0.02	59	+7	NW	4	c	*	67	50							
Sanguinaire ...																							
Corunna (8 a.m.) ...		29.98	54	WSW	6	r	30.06	0.00	54	+2	WNW	6	0	6	57	50							
Lisbon (9 a.m.) ...		30.10	56	WNW	4	o	30.08	+0.02	59	+2	NNW	4	bc	2	61	56							
Gibraltar ...		30.00	60	W	4	b	29.97	*	60	+2	W	2	0	1	74	57							
Azores (Horta 8 a.m.)		30.47	62	NE	3	o	30.47	+0.03	60	-2	NNE	3	0	2	66	59							
Madeira (Funchal) ...		30.22	62	N	3	b	30.25	+0.02	64	-2	N	3	b	3	66	50							

* Information for these columns not usually received.

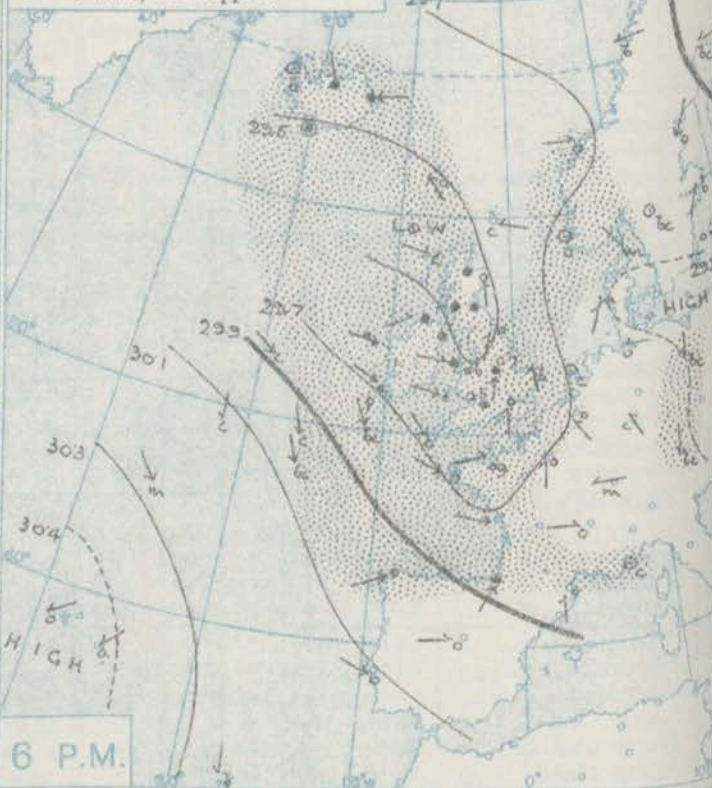
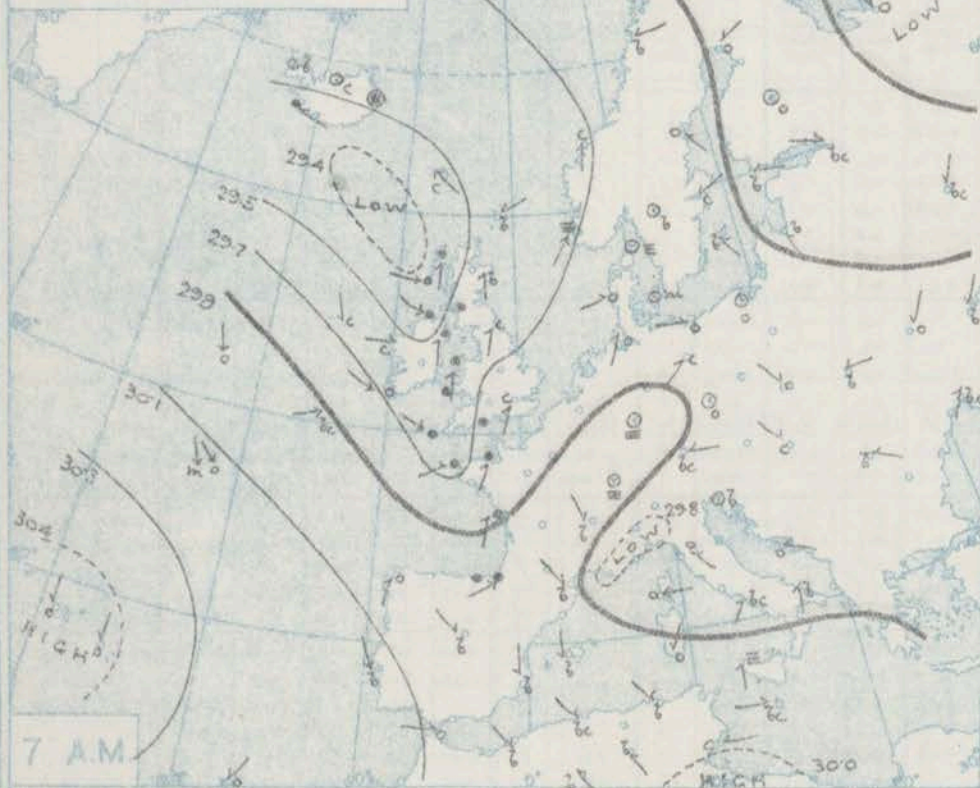
† Received too late for insertion in Charts.

GALES.
Duration and Extreme Force
on British Coasts.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 3rd MAY.



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



GENERAL INFERENCE

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON Sunday TO NOON Monday

- 0 {^a
_b
- 1
- 2 {^a
_b
- 3
- 4 {^a
_b
- 5

None Issued.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

- 6 {^a
_b
- 7 {^a
_b
- 8 {^a
_b
- 9 {^a
_b
- 10 {^a
_b

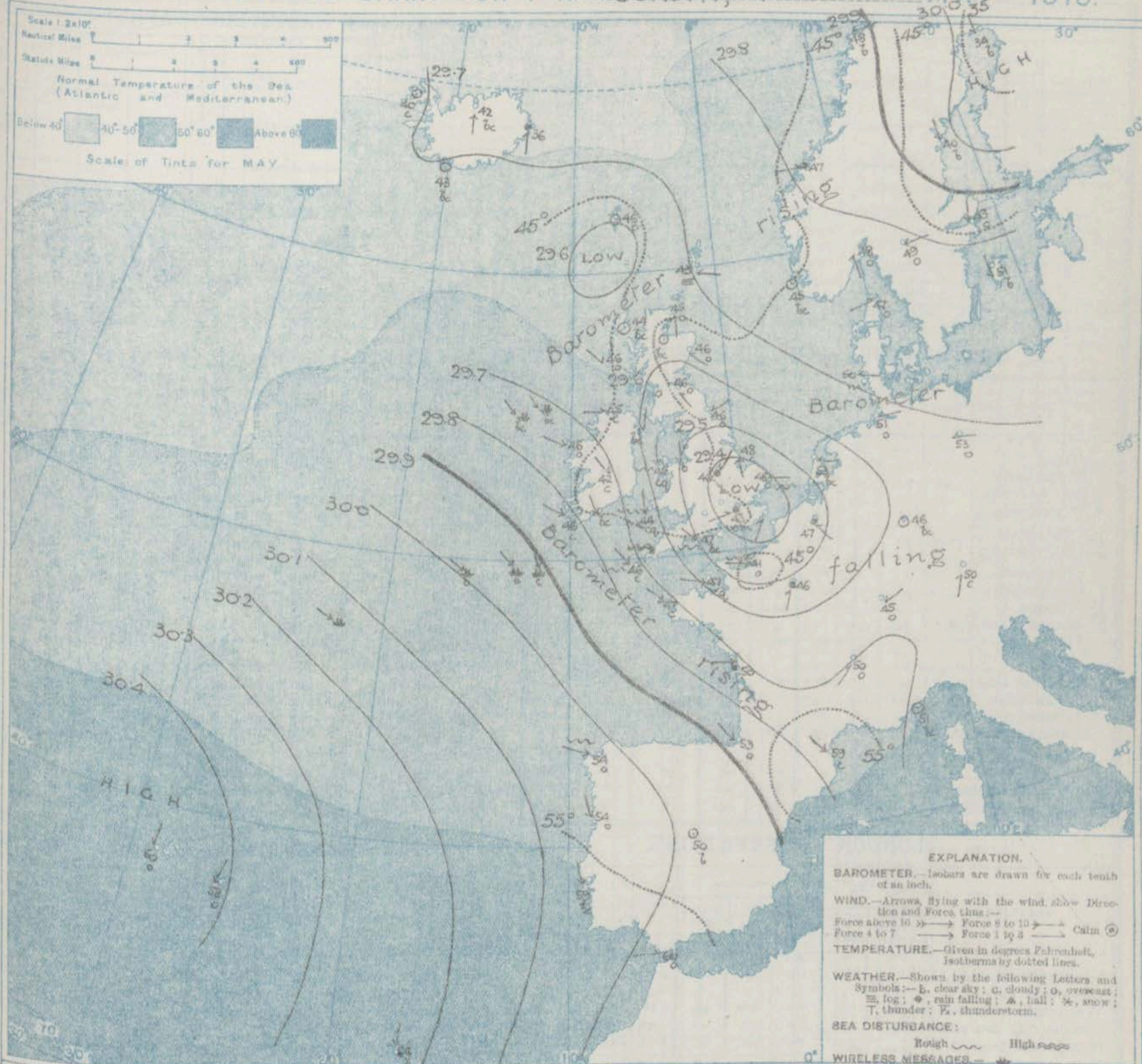
None Issued.

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. SUNDAY, 4TH

MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The V-shaped depression which advanced over the United Kingdom yesterday has developed into a cyclonic system of a more regular form, the area of minimum pressure being now found over the south-eastern quarter of England. The barometer remains highest over the Azores region but is relatively high over Finland and the Gulf of Bothnia.

A distinct cyclonic circulation of air exists round the depression in the south-east, and on the more exposed parts of our western and southern coasts the North-Westerly current is strong or high in force. Temperature has changed little and irregularly.

On our eastern, southern and extreme western coasts the thermometer is a trifle above 45° but in the intervening districts it is below that level and at River mouth it is no higher than 42°. The continental values range from 60° at Gibraltar and 59° at Lisbon and Perpignan to 40° and less over the Gulf of Bothnia and to 34° at Haparanda. Rain is falling over central and southern England, as well as at several of the continental stations, but in Ireland and Scotland the weather is mostly fine. The sea is high off Bearquay, and rough or rather rough on many parts of the English and Welsh coasts.

DAILY WEATHER REPORT.

Sunday, 4th May, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
4th 7 a.m.	54	13	Columbia	H	29.74	-0.6	NW	6-7	0	3rd 6 p.m.	50	10	Virginian	H	29.81	-0.3	NNW	4-5	bc
" "	49	12	Finland	H	30.05	-0.2	NW	6-7	0	" 7 a.m.	52	22	Columbia	H	29.92	0.0	NNW	4-5	"
" "	49	11	Meimatonka	H	29.96	-0.7	NNW	4-5	"	" "	48	21	Meimatonka	H	30.07	+0.2	NNW	4-5	"
3rd 6 p.m.	49	21	Baltic	O	30.19	+1.0	N	1-3	c	" "	48	21	Finland	H	30.08	-0.4	NW	4-5	"
" "	53	19	Columbia	H	29.67	-0.3	NW	6-7	c	" "	55	18	Virginian	H	29.83	-0.4	NNW	1-3	bc
" "	49	16	Finland	H	30.10	0.0	NNW	4-5	c	" "	50	15	Baltic	O	29.94	+0.6	WSW	6-7	"
" "	48	16	Meimatonka	H	30.09	+0.1	NNW	4-5	bc	" 11 p.m. GMT.	47	45	Ice Scout "Scotia"	H	30.10	+0.3	SW	4-5	"

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.	Oban	In.	F. °	F. °				England, S.E.	Margate	In.	F. °	F. °	b	b
	Stonehaven								Ramsgate					
	St. Andrews								Folkestone				b. bc	b
	Carnoustie	0.06	51	36			5.7		Littlestone					
	Harrogate	0.05	55	37	b	bc. c. or	6.9		Hastings	0.02	53	44	b. bc	bc. or
Eng. N.E.	Scarborough	"						Bexhill-on-Sea	0.05	53	46	bc. o. bc	b. or	
								Eastbourne	0.02	53	46	b. bc		
England, N.W.	Blackpool	0.50	49	41	0. or	or	6.0	Seaford	0.01	55	47	c. b. o	or	
	Southport	0.31	50	41	or	orig	6.0	Brighton		53	46	bc. c	c. o	
	Buxton	0.13	48	35	bc	or	6.5	Worthing	0.01	55	42	c	c. o	
	Leamington Spa							Littlehampton						
	Douglas	0.55	49	43	or	orig	6.0	Southsea						
Wales.	Rhyl							Bournemouth	0.12	52	39	od	r	
	Colwyn Bay	0.28	47	42			6.0							
	Llandudno													
	Bettws-y-Coed	"												
	Aberystwyth	0.19	52	44	or. o	0. or	6.0							
England, E.	Lowestoft							England, S.W.	Weymouth... ..	0.18	48	43	or	op
	Felixstowe		57	48	bc	bc	12.0		Teignmouth	0.33	52	43	or	or. c
	Walton-on-Naze		56	46	b	b	11.8		Torquay					
	Southend-on-Sea		60	43	b	b	9.9		Paignton	0.28	52	41	or	o. bc
									Ilfracombe	0.20	53	45	od, ec	c
								Weston-super-Mare						

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.			Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.		Forenoon.	Afternoon.	Night.	
Greenwich (Royal Obs.)	62	88	60	42	0.29	c, bc	bc, 0	or	5.9
City (Bunhill Row)	"	"	"	"	"	"	"	"	4.4
Westminster (St. James's Pk.)	69	96	56	43	0.37	bc, 0	or	or	4.6
Camden Sq. (Brit. Rainfall)	54	92	60	42	0.34	c, bc	bc, c	or, 0	2.7
Hampstead (Reservoir)	"	98	54	40	0.35	bc, or	or, m	ond	4.1
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.			Mean Rate.		Max. Rate.				
S. Kensington (Roof of M.O.)			14.47 Joules.		27.0 Milliwatts.		73 Milliwatts.		3.7

Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		
		Max.	Min.	Night.	Forenoon.	Afternoon.
Dublin to 4 p.m.	0.18	53	45	44	or, c	cp
Plymouth to 9 p.m.	0.33	52	45	40	od	bc
Darwen	0.40	49	38	37	bc, 0, b	or
Manchester	0.40	52	40	"	c	bc, c
Birmingham	0.30	50	39	26	c, r	or, r
Oxford to 8 p.m.	"	54	41	35	bm, 0	c, 0
S. Kensington (Museum Grounds to 6 p.m.)	"	56	44	35	or, mp	0

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

4th & 5th May, 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.19 4.18	G.M.T. 11.50 11.50	G.M.T. 7.20 7.22
Greenwich	4.29 4.28	11.57 11.57	7.25 7.26
Wick	4.14 4.12	12.9 12.9	8.4 8.6
Valencia	5.8 5.6	12.38 12.38	8.8 8.9

NOTES ON YESTERDAY'S WEATHER.

The thermometer rose to 55° or slightly above it in several parts of England and Scotland and reached 60° at Greenwich, Camden Square and Southend-on-Sea. More than 10 hours of bright sunshine were registered on the east coast of Great Britain and more than 12 hours at Yarmouth and Southend-on-Sea. Considerable quantities of rain have fallen in north and central England. Wireless reports show that as far west as the 26th meridian ships experienced light to fresh breezes, chiefly 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.

Printed at the Meteorological Office, South Kensington, London, S.W.
By WIMAN & SONS LTD., Fetter Lane, London, E.C., and Reading.

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

BRITISH ISLANDS.

ICELAND, FAEROE, &c.

SCANDINAVIA.

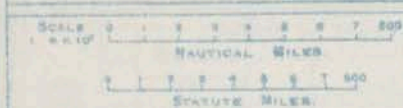
GERMANY, &c.

FRANCE.

SPAIN, PORTUGAL, &c.

† Received too late for insertion in *Chartis*.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 4TH MAY.



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

7 A.M.

6 P.M.

GENERAL INFERENCE

WEATHER PROSPECTS.

A secondary disturbance is approaching Ireland, and a very changeable type of conditions is likely to be general

over the British Isles during the coming twenty-four hours.

FORECASTS FOR THE 24 HOURS NOON

MONDAY TO NOON TUESDAY.

0 { ^a } Southerly breezes, freshening;
^b changeable, fine to dull, some rain and fog; rather cold.

1 { light variable Easterly breezes,
South-Westerly later; changeable,
fine to dull, some rain and fog; rather cold.

2 { ^a } Northerly breezes, falling
^b light, backing South-Westerly

3 or Southerly later and freshening;
fair to dull, some rain and mist; rather cold.

4 { ^a }
^b

5

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

NO WARNINGS ISSUED.

6 { ^a }
^b

Same as No. 1.

7 { ^a }
^b

Same as Nos. 2 to 5.

8 { ^a }
^b

9 { ^a }
^b

Freshening southerly breezes, shifting north-westerly; gusty, changeable, some rain and mist, fair intervals; rather cold.

10 { ^a }
^b

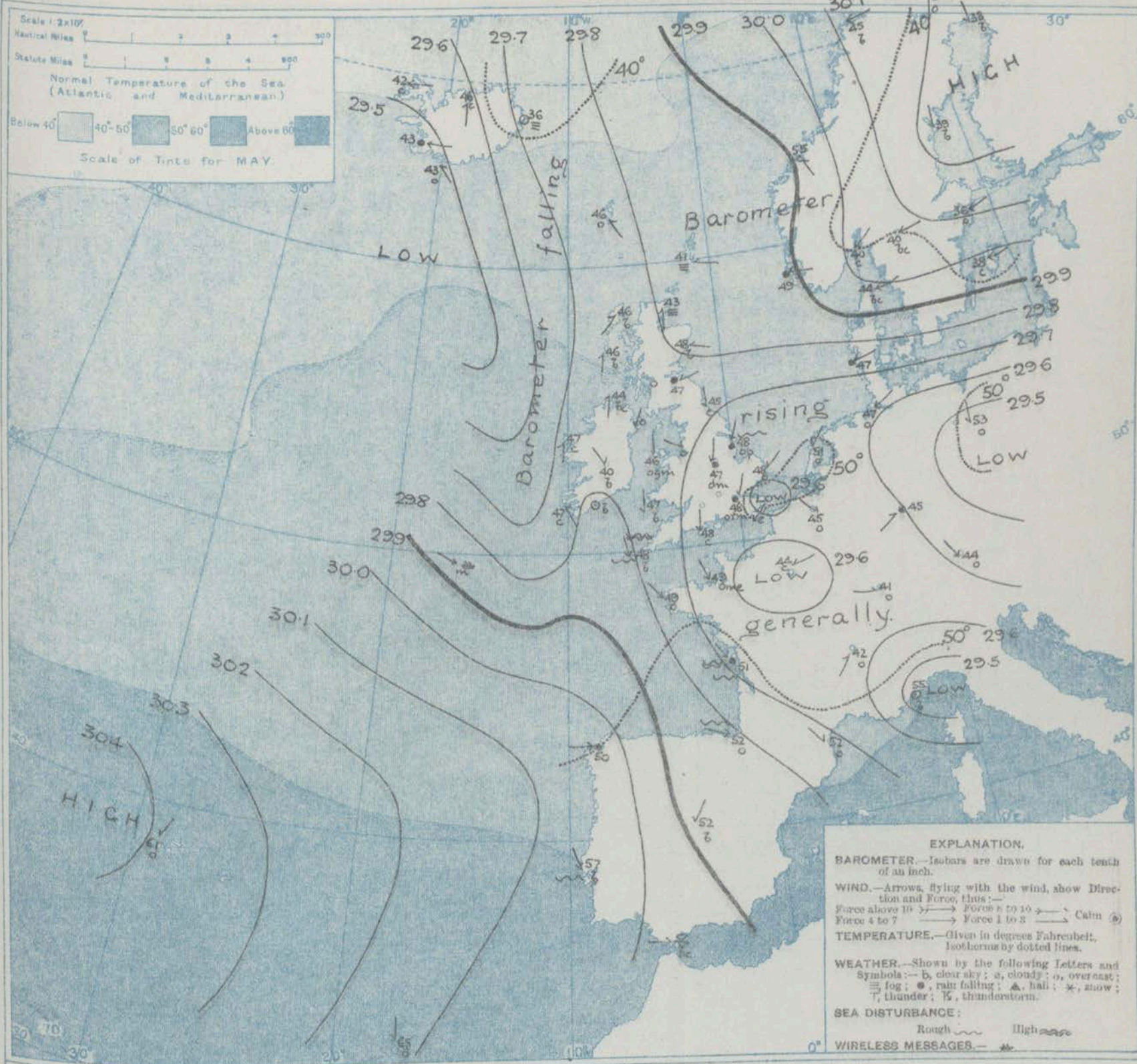
11 WESTERN CHANNEL AND BAY.

Fresh northerly breezes, backing south-westerly; sea slight to rather rough; changeable, some rain, mist or fog; rather cold.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. MONDAY, 5TH

MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is at 30.4 in. about the Azores and above 30.2 in. over Northern Sweden. Between these high pressures there are a number of shallow depressions, the barometer being below 29½ in. over Eastern Germany, the Riviera and off the south-west of Iceland.

With so many separate pressure systems the winds are exceedingly variable in direction and force. Temperature remains low for the season. Over the British Isles the values range from 40° at Birn Castle to 52° at Clacton-on-sea; on the Continent from 41° at Belfort to 57° at

Lisbon; in Scandinavia from 36° at Stockholm to 55° at Christiansund; and in Iceland from 36° to 46°. At Spitzbergen the reading is 30°. At several of our western stations and over Northern Scandinavia the weather is at present fine and clear, but elsewhere it is mostly overcast and dull, with rain in various localities. The atmosphere is foggy off the north-east of Scotland and the east of Iceland. The sea is slight to very smooth on nearly all coasts.

DAILY WEATHER REPORT.

Monday, 5th May, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
5th 7 a.m.	49	15	Marquette	H	29.89	-0.04	WNW	4-5	m	4th 1 p.m.	55	12	Scandinavian	O	29.84	+0.03	NW	4-5	bc
4th 6 p.m.	49	18	Marquette	O	29.88	+0.01	W	4-5	m	" 7 a.m.	47	22	Marquette	H	30.17	-0.05	WNW	4-5	bc
" "	48	18	Marquette	H	30.11	-0.01	WNW	6-7	bc	" "	49	16	Lake Marquette	O	29.98	+0.03	WNW	6-7	bc
" 1 p.m.	54	13	Columbia	O	29.74	0.00	NW	4-5	bc	" 1 p.m.	47	43	Ice Scout "Scotia"	O	30.18	+0.05	NNW	4-5	bc

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.			Hr.	(Margate 0.15	In.	F.	F.			Hr.
Stonehaven							Ramsgate 0.18						
St. Andrews							Folkestone 0.16						
Carnoustie	0.10	52	42			3.8	Littlestone						
England, N.E.							Hastings 0.16						
Harrogate	0.32	56	42	or. c	c. bc. b.	0.0	Bexhill-on-Sea						
Scarborough	"	55	45	bc	bc	4.4	Eastbourne	0.12	50	48	o	b. bc	4.6
England, N.W.							Seaford						
Blackpool	0.30	58	44	or. c	or	1.2	Brighton	0.15	49	44	or. o	o. bc. c	0.3
Southport	0.35	56	43	p. bc. o	of. o	0.1	Worthing	0.36	49	42	d. c	c	0.0
Buxton	0.77	49	39	bc	bc	0.5	Littlehampton	0.17	"	"	"	"	0.0
Leamington Spa	0.55	55	41	o	o	0.0	Southsea	0.48	52	40	or. c. c	o. c	0.0
Douglas							Bournemouth	0.27	49	41	r	or	0.0
Wales.							Weymouth	0.26	49	41	or	r. o	2.0
Rhyl	0.26	50	40	changeable		0.2	Teignmouth	0.24	51	41	bc. q	cp	6.0
Colwyn Bay	0.29	48	42	cp	r	0.0	Torquay	0.10	51	41	bc	c. o	2.0
Llandudno	0.26	48	42	o	of	0.0	Paignton	0.16	51	42	bc.	o. bc. r	1.0
Bettws-y-Coed	"						Ilfracombe	0.18	51	42	o. bc	o	0.0
Aberystwyth	0.23	48	42	omg.	omr	0.0	Weston-super-Mare	0.12	50	41	cr. c	c. o. bc	0.0
England, E.													
Lowestoft													
Felixstowe	0.24	53	47	cm	bc	4.6							
Walton-on-Naze	0.20	52	41	o. bc. b	b. bc. c	5.7							
Southend-on-Sea	0.25	53	43	bc	b	5.0							

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.	STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.		
			Max.	Min.		Max.												Min.	
			24 HOURS ENDED 9 A.M. TO-DAY.																
%	%	F.°	F.°	F.°	In.				Hr.		In.	F.°	F.°	F.°					
Greenwich (Royal Obsy.)...	67	79	53	48	43	0.23	c.bc	c.o	or,r	1.0	Dublin to 4 p.m.	0.02	54	38	c.b	bc	cp	7.5	
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	1.3	Plymouth to 9 p.m.	0.10	52	41	c.bq	bc			
Westminster (St. James's Pk.)	80	93	53	44	43	0.25	bc	r	bc	1.0	Darwen "								
Camden Sq. (Brit. Rainfall)	-	89	55	44	44	0.37	o.ogm	o.bc	c.or	1.9	Manchester "								
Hampstead (Reservoir) ...	*	87	51	41	41	0.36	o.c.or	or	o	2.3	Birmingham "	0.23	51	40	36	r.i	or.o	o	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																
			Total.		Mean Rate.		Max. Rate.												
S. Kensington (Roof of M.O.)	-	87	6444 Joules.		12.0 Milliwatts.		54 Milliwatts.		1.0	S. Kensington (Museum Grounds to 6 p.m.)	0.24	53	43	42	op	o	o.c.bc		

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

5th & 6th May 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.18 4.16	G.M.T. 11.50 11.50	G.M.T. 7.22 7.24
Greenwich ...	4.29 4.26	11.57 11.57	7.26 7.28
Wick ...	4.12 4.10	12.9 12.9	8.6 8.8
Valencia ...	5.6 5.5	12.38 12.38	8.9 8.10

During yesterday temperature was considerably below the normal throughout the British Isles, the maxima even on the south coast being as low as 49° or 50°. Rain has fallen nearly everywhere, mostly in very small amounts, but Bath and Glasgow report $\frac{3}{4}$ inch. The duration of bright sunshine was again very variable, none in several instances, 10½ hours at Newquay and Scilly. As far west as the 23rd. meridian ships experienced moderate to strong S.W. and N.E. winds, and fair to dull, misty weather.

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

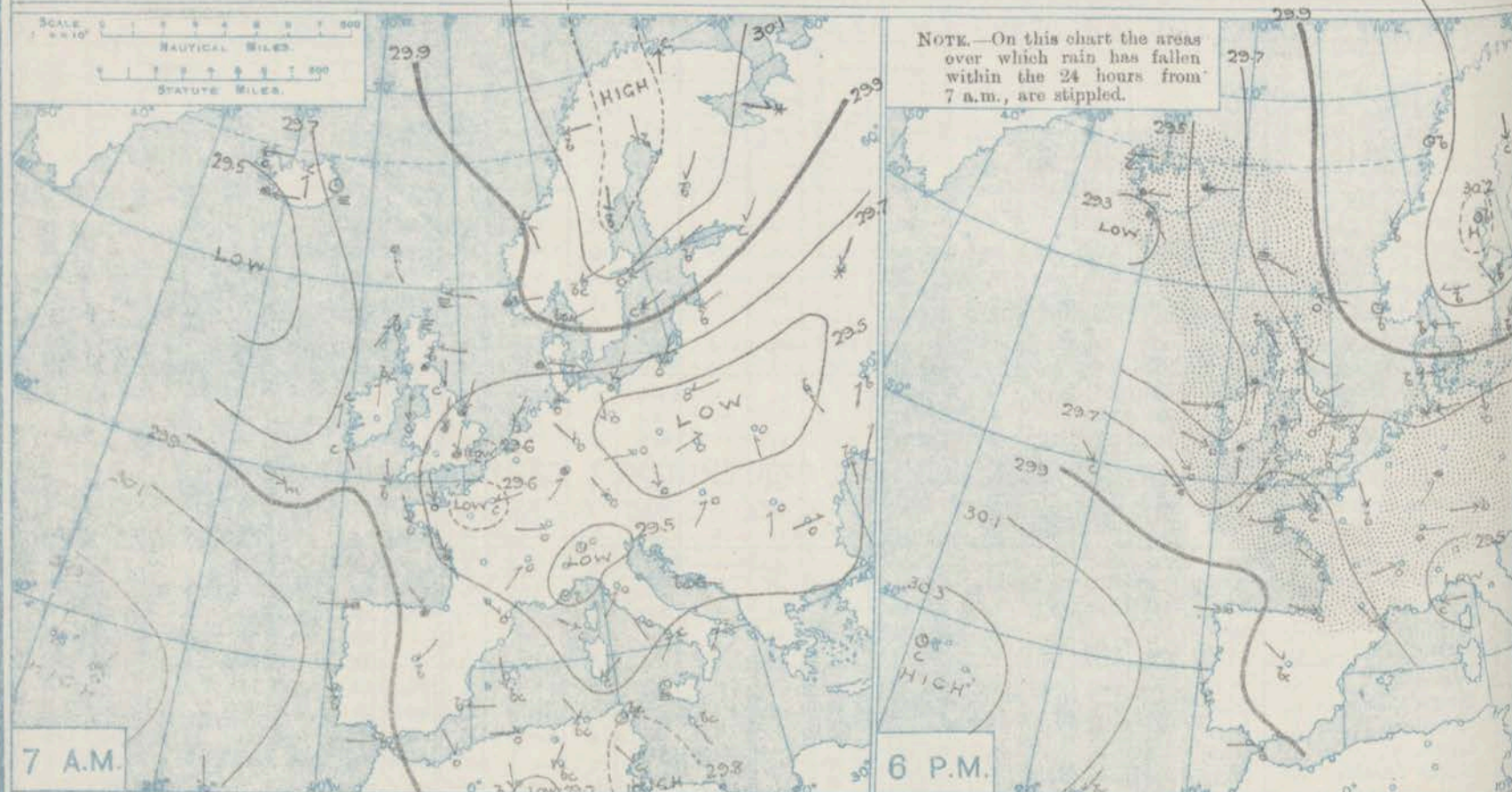
12.28

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,
6th May, 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.					
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	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'o. 1 p.m. to 6 p.m.	
																						Hours		
BRITISH ISLANDS.	Lerwick	29.86	44	ESE	5	0	29.85	+0.1	45	+4	ESE	7	c	6	0.14	46	59	f.m	cm	or, cy	*			
	Stornoway	29.60	52	SE	2	bc	29.55	+0.05	44	-2	S	4	r	4	0.09	56	44	b	by	of, cy	9.8			
	Castlebay (Barra Isd.)	29.51	49	ESE	4	0	29.50	+0.01	45	-1	NNE	2	r	2	0.12	50	43	b	c, d, om	not	8.1			
	Glasgow	29.64	47	E	2	0	29.50	-0.3	44	-1	E	1	r	*	0.17	58	42	cy	c, d, or	or	*			
	Malin Head	29.50	50	SSW	3	cmr	29.49	+0.03	43	-1	NW	4	rm	3	0.11	54	43	cy	cmr	mr	*			
	Blackod Point	29.42	47	W	5	r	29.54	+0.1	42	-5	NW	2	bc	2	0.39	50	40	or	or	cy	*			
	Valencia	29.54	49	WNW	4	0	29.61	+0.1	45	-2	WSW	2	cy	4	0.54	52	40	c, omr	omr	cy	0.0			
	Roche's Point	29.55	48	S	5	r	29.60	*	42	-1	NW	3	c	3	0.39	51	41	bc, c	or	rd, c	*			
	Birr Castle	29.52	46	SE	2	r	29.50	*	41	+1	NW	2	c	*	0.31	56	29	c	or	or, c	6.4			
	Donaghadee	29.60	48	SSE	2	by	29.51	-0.1	44	+1	SSE	3	r	2	0.15	53	42	by	by	by, omr	*			
Liverpool Obsy.	29.65	53	ESE	2	m	29.51	-0.3	47	+1	SE	3	r	2	0.13	55	46	c, d, om	om	or	0.7				
Holyhead	29.63	49	S	3	bc	29.45	-0.4	46	0	SE	3	orm	2	0.34	52	44	c, d, bc	b, d, om	orm	3.6				
Pembroke (St. Ann's Hd.)	29.65	47	SSW	3	c	29.50	+0.4	45	-2	NW	5	cyf	5	0.30	53	44	b	b	cy	3.3				
Newquay	29.70	48	NW	2	0	29.58	+0.05	46	-2	W	5	c	5	0.21	52	45	by	bcy	or	5.5				
SCOTLAND.	Scilly (St. Mary's)	29.70	48	SW	3	omr	29.62	+0.2	46	-2	NW	5	cy	5	0.27	55	44	bc, om	omr	omr	5.1			
	Jersey (St. Aubin)	29.73	54	NW	2	cmr	29.62	*	47	-2	S	4	cy	4	0.04	56	46	omr	omr	omr	1.5			
	Portland Bill	29.70	51	SW	3	bc	29.54	-0.3	46	0	SSE	5	r	4	Trace	56	47	om	omr	bc, cy	*			
	Dungeness	29.45	52	SW	3	b	29.61	-0.1	50	-1	E	1	cy	1	-	56	44	c, b	c, b	c, bc	*			
	Dover	29.68	50	S	1	b	29.63	*	49	0	E	2	c	2	-	56	47	b, bc	b	b, bc	2.6			
	Wick	29.73	45	SE	4	0	29.68	-0.1	43	0	S	7	0	6	Trace	46	42	f	f, omr	omr	*			
	Nairn	29.64	53	ESE	3	c	29.59	*	48	+6	SSE	7	c	1	Trace	60	40	cy	bcy	b, cy	4.5			
	Aberdeen	29.74	46	SE	2	r	29.62	-0.0	42	-6	SE	6	r	4	0.06	51	42	b, d	omr	omr	1.7			
	Leith	29.64	46	NE	2	bc	29.57	-0.2	47	0	ESE	4	0	*	Trace	55	44	c, bc	cy	cy	*			
	North Shields	29.72	44	ENE	3	0	29.65	-0.1	45	0	E	4	d	4	-	53	41	c	c, o	cy	3.0			
ENGLAND.	Spurn Head	29.70	46	ENE	3	0	29.63	-0.04	46	-2	ESE	5	or	5	0.06	53	44	c	cf, m	f, m	3.3			
	Yarmouth	29.69	48	NE	3	0	29.66	-0.2	46	-2	E	4	r	5	0.05	54	45	omr	c, bc, o	omr	3.8			
	Clacton-on-Sea	29.66	52	E	2	c	29.63	-0.1	49	-3	E	2	0	1	-	58	46	bc	bc	c, o	5.6			
	Nottingham	29.68	54	E	2	0	29.62	*	47	0	ESE	3	0	*	Trace	57	45	c, om	o	o	0.1			
	Bath	29.68	57	S	?	0	29.55	*	49	+1	SSE	1	r	*	-	56	45	-	-	-	0.3			
	London (Kew Obsy.)	29.68	56	NNE	2	0	29.62	-0.3	49	+1	SSE	2	om	*	0.02	59	45	omr, c	c, o	o, c, d, om	2.5			
	ICELAND, FAEROE, &c.	Spitzbergen	30.14	29	S	3	0	30.13	-0.0	32	+2	S	2	0	*	-	32	27	*	*	*	*		
		Isafjord	29.44	50	E	3	b	29.48	+0.04	48	+6	SE	6	d	*	-	*	*	*	*	*	*		
		Reykjavik	29.32	47	E	3	r	29.36	-0.0	40	-3	E	3	r	*	-	*	*	*	*	*	*		
		Vestmanna	29.28	44	SE	7	r	29.28	-0.1	41	*	-	0	r	2	-	*	*	*	*	*	*		
Seydisfjord		29.57	43	E	4	r	29.64	+0.1	42	+6	E	5	r	*	-	*	*	*	*	*	*			
Thorshavn		29.71	46	SE	3	f	29.66	-0.1	45	-1	SSE	6	0	*	-	*	*	*	*	*	*			
SCANDINAVIA.		Haparanda	30.11	41	W	2	c	30.11	-0.2	43	+5	N	4	c	*	-	57	32	*	*	*	*		
		Hernösand	30.21	35	-	0	b	30.16	-0.3	42	+3	-	0	bc	*	-	63	26	*	*	*	*		
		Stockholm	30.14	36	N	2	b	30.17	+0.2	42	+6	NNW	2	b	*	-	45	30	*	*	*	*		
		Wisby	30.08	34	NE	4	b	30.13	+0.4	41	+3	ENE	2	b	*	-	43	26	*	*	*	*		
	Karlstad	30.14	42	E	2	b	30.21	-0.0	41	+1	NE	2	b	*	-	50	30	*	*	*	*			
	Færder (X'ania Fjord)	30.08	47	ENE	4	b	30.21	+0.1	41	+1	E	2	b	2	-	48	29	*	*	*	*			
	Bodö	30.06	52	-	0	b	30.15	+0.3	45	0	SE	2	b	1	-	52	43	*	*	*	*			
	Christiansund	29.98	53	NE	1	b	30.08	+0.2	50	-6	-	0	b	1	-	63	45	*	*	*	*			
	Skudesnaes	30.02	47	-	0	b	30.06	-0.0	48	-1	-	0	b	0	-	49	43	*	*	*	*			
	The Scaw (Skagen)	30.05	48	ESE	6	b	30.14	+0.2	42	-2	ESE	5	bc	1	-	55	39	*	*	*	*			
GERMANY, &c.	Blaavands Huk	29.85	42	E	6	b	29.97	+0.2	41	-6	ESE	6	c	3	0.04	54	34	*	*	*	*			
	Cuxhaven	29.75	41	E	7	s	29.85	+0.3	42	-3	E	7	b	3	0.20	48	39	*	*	*	*			
	The Helder	29.67	48	ENE	5	0	29.75	+0.1	43	-3	ENE	5	c	4	-	54	41	*	*	*	*			
	Brussels	29.63	50	NW	2	0	29.63	-0.0	46	+1	NE	2	r	*	Trace	57	45	*	*	*	*			
	Berlin	29.63	46	N	5	0	29.82	+0.4	38	-15	E	5	b	*	0.28	54	36	*	*	*	*			
	Frankfurt	29.57	47	SW	2	r	29.60	+0.2	47	+2	SW	1	r	*	0.32	50	45	*	*	*	*			
	Munich	29.58	43	W	4	0	29.63	+0.1	43	-1	W	5	0	*	0.20	50	39	*	*	*	*			
	FRANCE.	C. Gns Nez	29.64	51	N	1	b	29.64	-0.1	50	+1	WSW	1	m	1	-	59	46	*	*	*	*		
		La Hève	29.73	47	NNW	2	b	29.66	*	46	0	S	2	m	2	-	55	41	*	*	*	*		
		Brest (St. Mathieu)	29.81	50	W	3	0	29.68	+0.2	48	-1	WNW	4	0	3	0.28	52	45	*	*	*	*		
Lorient (Bec Molen)		29.76	63	NW	3	c	29.60	*	52	+2	WNW	4	0	4	0.20	59	46	*	*	*	*			
Rochefort (Ile d'Aix)		29.74	55	NW	4	c	29.75	-0.2	51	0	WSW	4	f	*	0.12	54	48	*	*	*	*			
Biarritz		29.85	53	WNW	4	0	29.83	+0.1	50	-2	SSW	3	r	3	0.28	54	48	*	*	*	*			
SPAIN, PORTUGAL, &c.		Paris	29.66	54	NNW	3	b	29.69	-0.1	48	+4	SSW	1	b	*	-	58	38	*	*	*	*		
		Belfort	29.60	46	E	2	0	29.70	*	39	-2	SW	4	r	*	0.12	53	38	*	*	*	*		
		Lyons	29.59	48	WSW	2	0	29.73	*	48	+6	NNW	3	c	*	0.24	54	38	*	*	*	*		
		Nice	29.41	52	E	4	c	29.80	+0.4	33	-2	-	5	b	1	-	63	45	*	*	*	*		
	Perpignan	29.70	54	NW	6	r	29.72	-0.0	34	+2	NW	5	b	*	0.08	65	44	*	*	*	*			
	Sanguinaire	29.71	54	W	5	c	29.65	*	52	-3	N	3	0	4	-	61	46	*	*	*	*			
	Corunna (8 a.m.)	30.02	54	W	3	0	29.95	-0.0	54	+4	SW	3	r	6	-	57	50	*	*	*	*			
	Lisbon (9 a.m.)	30.03	57	NNW	4	0	30.00	+0.1	56	-1	NNW	4	0	2	-	63	52	*	*	*	*			
	Gibraltar	29.95	58	W	2	b	29.90	*	58	+2	W	2	bc	3	-	70	55	*	*	*	*			
	Azores (Horta 8 a.m.)	30.35	59	-	0	c	30.29	-0.0	59	-2	-	0	0	1	-	66	57	*	*	*	*			
Madeira (Funchal)	30.10	62	NE	3	bc	30.03	+0.1	64	-1	NE	3	c	3	-	66	50	*	*	*	*				

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



GENERAL INFERENCE

WEATHER PROSPECTS.

A depression which is moving very slowly eastward across the country will occasion a sudden shift of wind and

very unsettled weather over the country generally.

FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

0 {
1 {
2 {
3 {

Wind between South East and East, strong to a gale at times, very changeable, squally some rain, fair intervals; cool.

4 {
5 {

South Easterly breeze, occasionally fresh, shifting in line squall, with local thunder, into North West; very unsettled, rainy, with mist in places, fair to fine intervals; cool.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

SOUTH CONE HOISTED in Districts 0-3 at 8.10 a.m. to-day.

6 {
7 {
8 {

North Westerly winds, fresh or strong and gusty at times; changeable, some rain and mist, fair or fine intervals; cool.

9 {
10 {

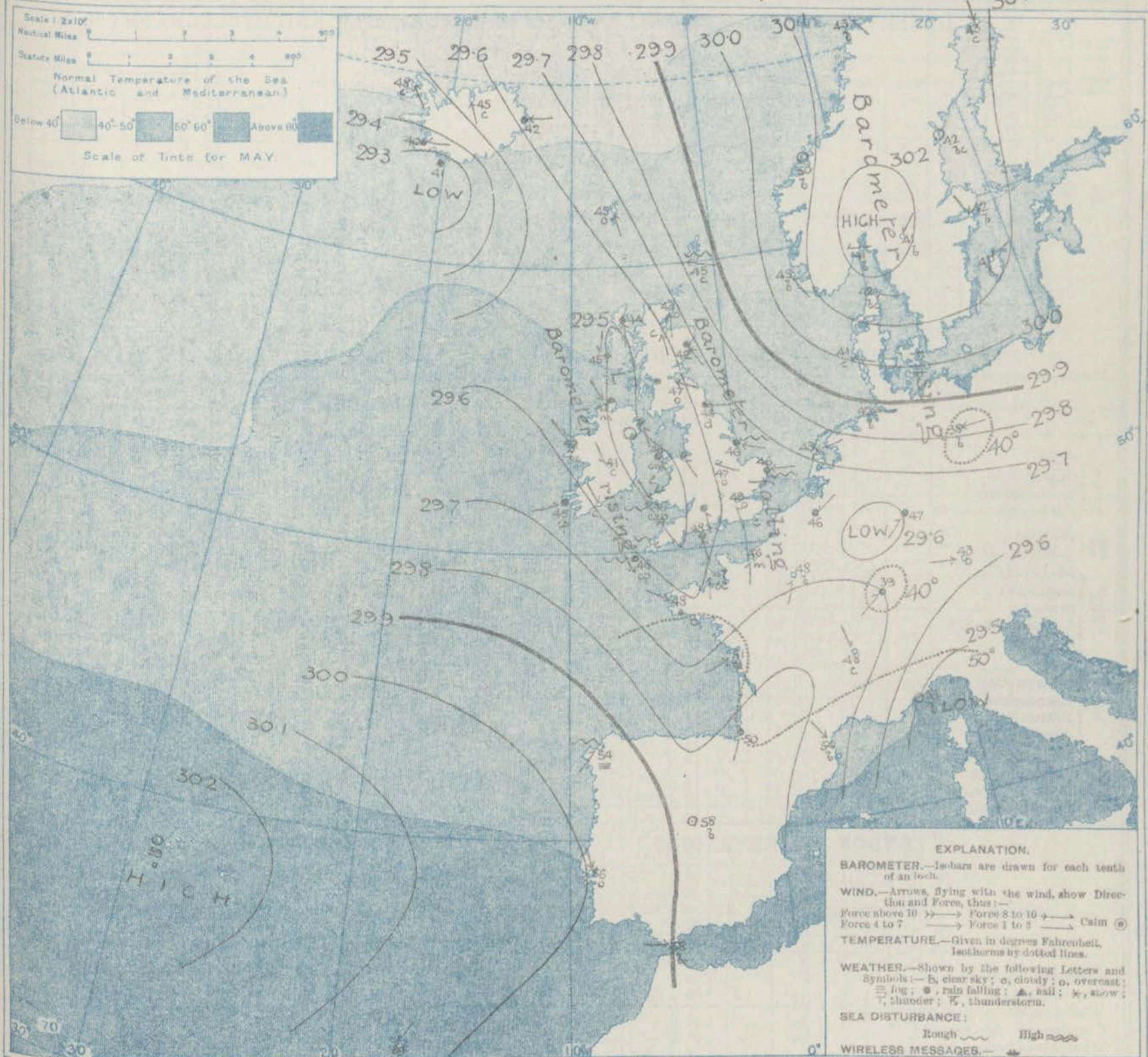
Light to moderate North Westerly breezes, backing West or South West later; changeable some rain and mist, fair or fine intervals cool.

11 WESTERN CHANNEL AND BAY.

Wind between West and North, strong and squally at times, moderating later; sea moderate to rough; changeable, some showers, mist or fog, fair or fine intervals; cool.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. TUESDAY, 6TH MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.2 in. at the Azores and over Northern Scandinavia. An area of low pressure extends from Greenland south-eastward to Italy, with the barometer below 29.3 in. off the south of Iceland, and 29.2 in. on the Riviera, and in a very narrow strip stretching from the Hebrides to Lorient; a smaller depression over Rhineland has pressure at 29.6 in. There is a considerable gradient over most parts of our area.

North-westerly breezes prevail on our western coasts and down the Bay, South-westerly to South-easterly and Easterly in other regions. As a rule

the force is moderate to very light, but a strong or high wind prevails between Denmark, Scotland and Iceland. Temperature is remarkably uniform throughout the region under observation, nearly all stations between 40° and 50°, but Madrid and Gibraltar are 58°. At Spitzbergen the reading is 32°. The weather is fine over Scandinavia, North Germany, Southern France and Spain, but elsewhere it is very unsettled, with rain falling at numerous stations. Fog prevails over the southern half of the Bay of Biscay. A rough sea is running off the north-east of Scotland, and it is rather rough round the Bristol Channel and off the east coast of England.

DAILY WEATHER REPORT.

Tuesday, 6th May 1913

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
5th 6 p.m.	50	20	Scotian	O	29.80	+0.2	NW	6-7	c										
" "	49	12	Marquette	H	29.72	+0.1	NW	4-5	T	5th 7 p.m.	50	18	Campania	O	29.93	-0.3	W	6-7	
" "	50	12	Montezuma	O	29.63	+0.2	NW	6-7	O	" 1 p.m.	49	12	Zeeland	O	29.75	-0.5	SW	4-5	

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.	
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.
Scotland.	Oban	0.03	57	43	op.c.b.	p.r.g.	3.2	England, S.E.	Margate	0.02	57	44	b	b
	Stonehaven	"	56	43	f	c.	1.6		Ramsgate	"	56	44	"	"
	St. Andrews	0.02	51	43	b.	c.	4.1		Folkestone	"	57	44	b.c.b.	b
	Carnoustie	0.04	51	43	"	"	2.1		Littlestone	"	"	"	b.c.b.	b.c.b.
England, N.E.	Harrogate	"	55	44	o.c.b.	c.	1.9	England, S.W.	Hastings	"	55	43	b.c.b.	b.c.b.
	Scarborough	"	56	44	o.c.	of	0.3		Bexhill-on-Sea	"	54	43	b.c.b.	b.c.b.
England, N.W.	Blackpool	0.06	57	40	o.c.	of	1.8	England, S.W.	Eastbourne	"	57	44	b	b
	Southport	0.02	54	42	b.c.	of	1.4		Seaford	"	56	40	b.c.b.	b.c.
	Buxton	0.04	52	41	b.c.	of	0.1		Brighton	"	"	43	c.b.	b.c.b.
	Leamington Spa	"	55	46	"	"	0.0		Worthing	0.04	58	43	b.c.	b.c.b.
Wales.	Douglas	0.06	53	44	b.g.	b.g.	10.0	England, S.W.	Littlehampton	0.07	"	"	"	"
	Rhyl	0.01	59	45	"	"	4.1		Southsea	0.13	58	46	o.c.	b.c.b.
	Colwyn Bay	"	57	43	o.b.c.	b.c.	5.5		Bournemouth	"	59	51	o	c.b.c.
	Llandudno	0.01	55	44	c.b.	b	5.3							
England, E.	Bettws-y-Coed	"	"	"	"	"	"	England, S.W.	Weymouth	"	58	45	b.g.	b.g.
	Aberystwyth	"	52	40	c.b.	b.c.	9.0		Teignmouth	"	60	47	b	c
	Lowestoft	0.03	51	47	o	o.c.	2.1		Torquay	0.04	61	45	b.c.	b.c.
	Felixstowe	0.14	55	49	b	b.c.	3.4		Paignton	0.02	61	46	b	e.b.c.
England, E.	Walton-on-Naze	0.06	55	46	ou	b.c.	5.2	England, S.W.	Ilfracombe	"	53	47	b.c.b.	b.g.
	Southend-on-Sea	"	57	46	b.c.	b	3.5		Weston-super-Mare	"	57	45	b.c.	b.c.b.

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.		Sunshine for Yesterday.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.	
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.				In Screen.	Night Min. on Grass.	Night.	Forenoon.
Greenwich (Royal Obs.)	65	74	63	42	23	c	c	3.0	Dublin to 4 p.m.	0.31	60	47	45	b.c.
City (Bunhill Row)	"	"	"	"	"	"	"	1.7	Plymouth to 9 p.m.	"	"	"	"	"
Westminster (St. James's Pk.)	81	75	60	46	42	b.c.	b.c.	1.5	Darwen	"	55	42	36	o.g.w.
Camden Sq. (Brit. Rainfall)	65	77	63	47	42	o.b.	b.c.	2.6	Manchester	"	"	"	"	"
Hampstead (Reservoir)	"	76	58	46	37	c.c.	of	2.3	Birmingham	"	57	43	27	o
Kew. (See front page.)	"	"	"	"	"	"	"	"	Oxford to 8 p.m.	"	58	47	45	op.c.g.
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.									S. Kensington	"	"	"	"	"
Total.									(Museum Grounds to 6 p.m.)	"	60	47	45	b.c.
Mean Rate.														
Max. Rate.														
S. Kensington (Roof of M.O.)														
66														
73														
812 Joules.														
15.1 Milliwatts.														
70 Milliwatts.														

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

6th & 7th May 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 6.16 L.M.T. 4.14	G.M.T. 11.30 L.M.T. 11.49	G.M.T. 7.24 L.M.T. 7.25
Greenwich	6.24 4.24	11.57 11.56	7.28 7.29
Wick	4.10 4.7	12.9 12.8	8.4 8.10
Valencia	5.3 5.3	12.38 12.37	8.15 8.11

NOTES ON YESTERDAY'S WEATHER.

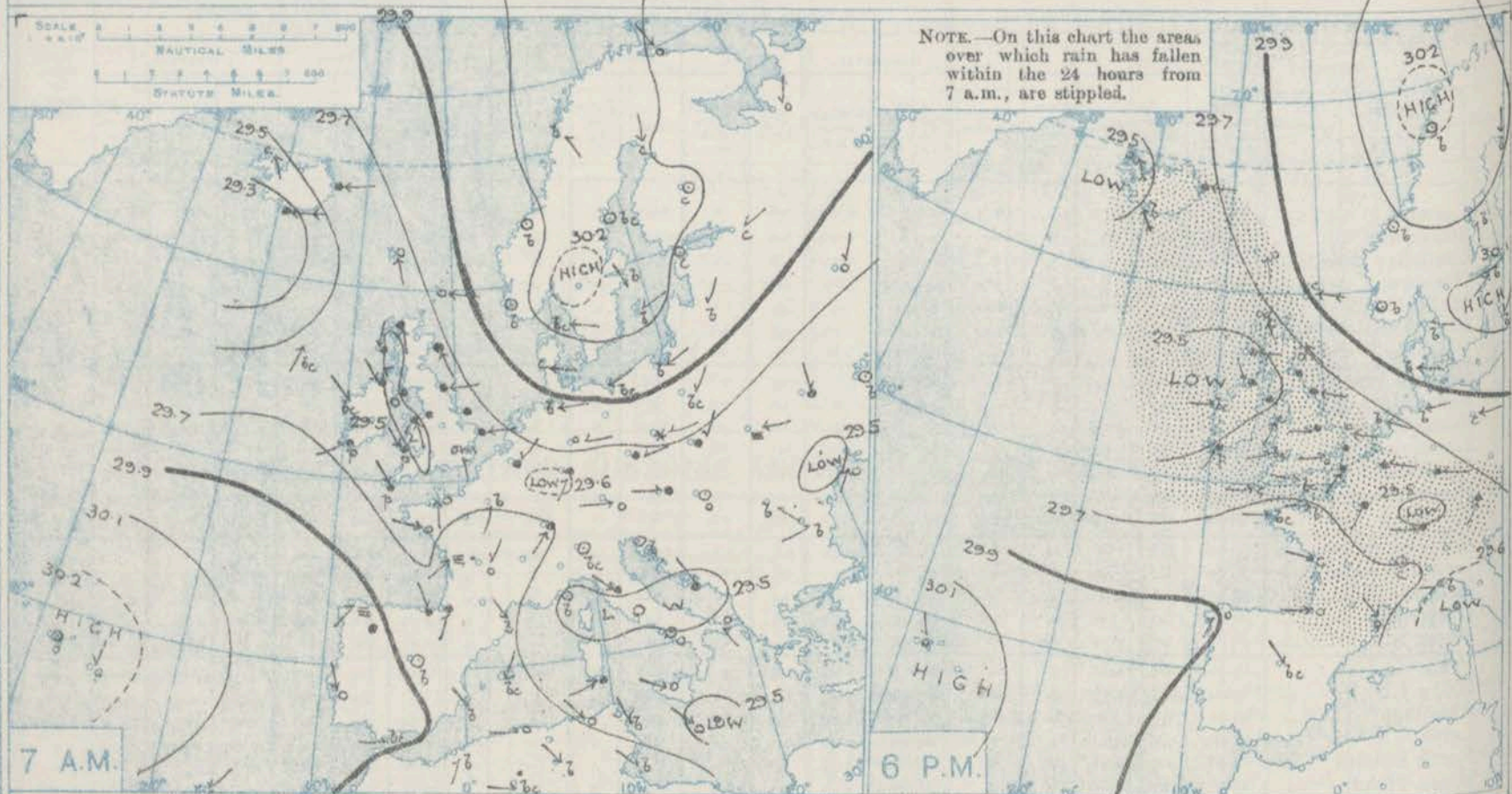
During yesterday temperature remained below 60° over nearly the whole of the British Isles, as low as 46° to 50° at some western and northern stations. Rain fell generally, mostly in small quantities. The duration of bright sunshine ranged from none at Leamington and Valencia to 12 hours at Eastbourne. As far west as the 20th meridian experienced moderate to strong N.W. winds, and cloudy to 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; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust, haze, or smoke.

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

† Received too late for insertion in Charts.

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



GENERAL INFERENCE

WEATHER PROSPECTS.

During the ensuing twenty-four hours a southerly type of unsettled weather will prevail over the British Isles generally.

under the influence of an extensive Atlantic disturbance which is spreading in across Ireland.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY

0 {
a } Wind between East and
b } South, strong to a gale; squally
fine to dull, some rain and
mist; cool.

2 {
a }
b } Wind between South and
3 } West, increasing; squally, fine
to dull, some rain and
mist; cool.

4 {
a }
b }
5 }

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

SOUTH CONE HOISTED in Districts 0-3 at 8-10 a.m. yesterday.

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

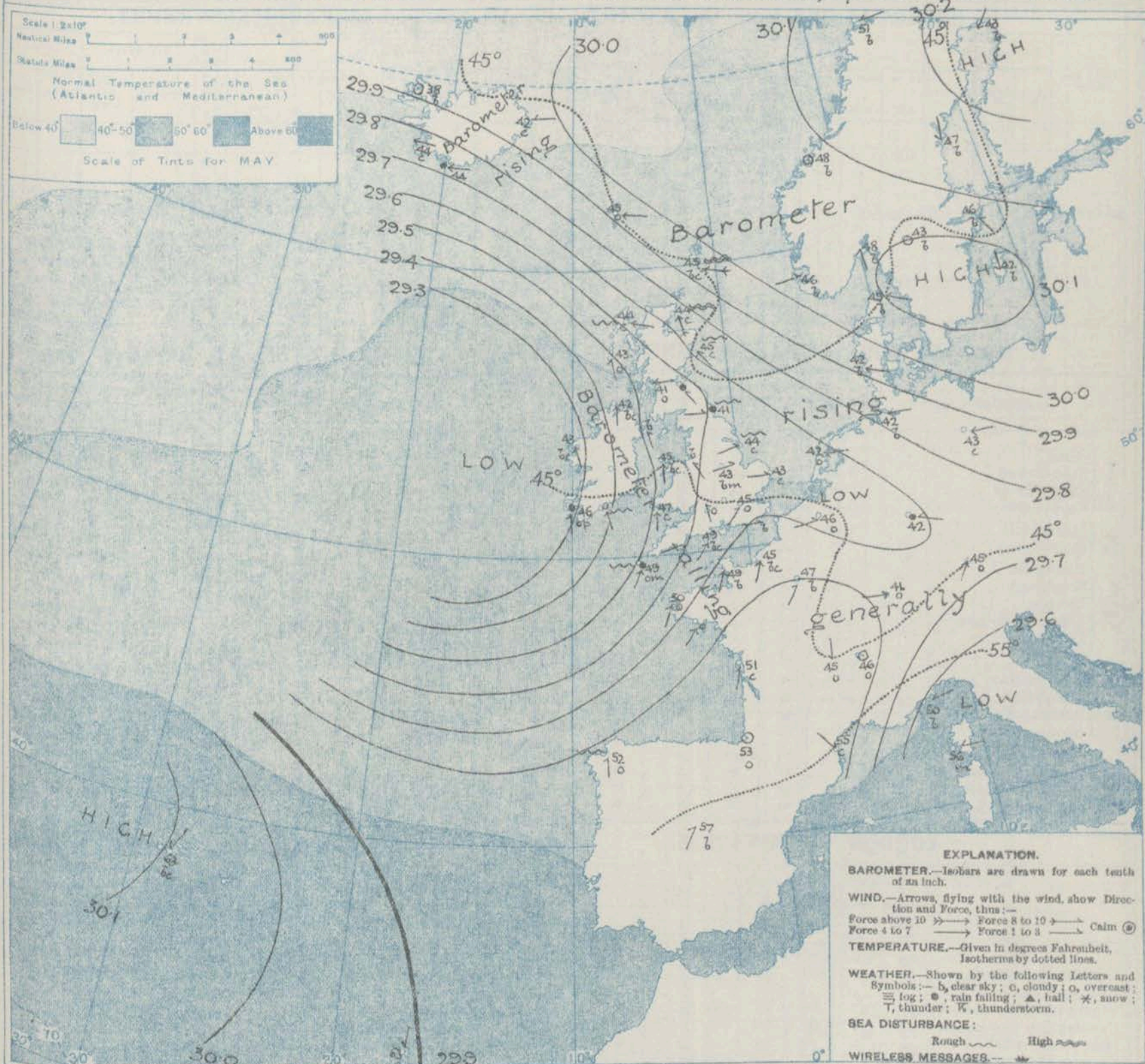
Same as Nos. 2-5.

11 WESTERN CHANNEL AND BAY.

Southerly to Westery winds increasing; sea slight to rough; squally, fine to dull, some rain, mist or fog; cool.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. WEDNESDAY, 7TH MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.2 in. over Lapland, and about 30.1 in. at the Azores. In a large depression centred to the westward of Ireland the barometer is below 29.3 in. The gradient is very variable.

Calms and variable airs prevail over Scandinavia, elsewhere a cyclonic circulation is shown, from South Westerly on the Bay to South Easterly and Easterly in Scotland and Ireland. Over northern Scotland the force is strong to a gale, but in other regions it is mostly moderate to very light. Temperature is again remarkably

uniform at home and abroad, the readings nearly everywhere being between 40° and 50°, but Nice reports 60°. The weather is in a changeable state over Western Europe and Ireland, with rain at a few isolated stations. Over Scandinavia and Denmark the sky is cloudless. A high to very high sea is running off the north-east of Scotland and it is rather rough off the east coast of England.

DAILY WEATHER REPORT.

Wednesday, 7th May, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
6th 7 a.m.	55	16	Mezantie	H	29.46	-0.08	SSW	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.	F.	F.			Hr.	Margate ...	In.	F.	F.			Hr.
Oban ...	...	...	...	...	...	...	Ramsgate ...	...	...	...	...	...	...
Stonehaven ...	0.03	52	42	bc.r	eg	0.0	Folkestone ...	0.01	54	47	bc	or	...
St. Andrews ...	0.03	46	42	o	o	0.0	Littlestone ...	...	...	...	...	...	...
Carnoustie ...	0.14	45	42	o	o	0.0	Hastings ...	0.03	54	46	o.bc	o.c.o.	...
England, N.E.							Bexhill-on-Sea ...	0.01	55	47	b.o.bc	bc.o.p.o.	...
Harrogate ...	0.12	46	42	o.d.r	o.d.r	0.0	Eastbourne ...	0.04	55	48	b.bc	ogr.o.	...
Scarborough ...	...	45	42	of	of	0.0	Seaford ...	0.02	55	48	o.bc.o	o	...
England, N.W.							Brighton ...	0.01	52	48	c.or	o	...
Blackpool ...	0.10	52	43	or	o	0.0	Worthing ...	0.03	53	43	o	o	...
Southport ...	0.38	48	43	or	o.r.bc	0.0	Littlehampton ...	...	...	...	...	...	...
Buxton ...	0.48	45	38	cr	cr	0.0	Southsea ...	0.02	54	44	or	c.b.	...
Leamington Spa ...	0.24	51	45	r	r.o	0.2	Bournemouth ...	0.04	55	46	do.c	c.b.b.	...
Douglas ...	0.43	47	40	r.o	op	0.0	England, S.E.						
Wales.							Weymouth ...	0.08	54	47	o.bc	b	...
Rhyl ...	0.13	51	43	changeable	...	0.0	Teignmouth ...	0.15	54	46	c.b.b.	b	...
Colwyn Bay ...	0.14	49	42	p.b.c.p	p.r.bc	0.0	Torquay ...	0.14	53	45	bc	bc	...
Llandudno ...	0.11	53	43	op	b	0.1	Paignton ...	0.06	54	49	o.bc	p.b.	...
Bettws-y-Coed ...	...	50	47	c	c.b.	0.1	Ilfracombe ...	0.27	50	48	gpa	bc.	...
Aberystwyth ...	0.35	48	43	r.o.c	c.o.	0.5	Weston-super-Mare ...	0.20	51	45	r.c.bc	bc.	...
England, E.													
Lowestoft ...	0.04	47	45	o	o	0.0							
Felixstowe ...	...	52	49	b	og	2.0							
Walton-on-Naze ...	...	55	47	c.b.o	bc.or	3.5							
Southend-on-Sea ...	0.05	58	48	bc	bc.r	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.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.	
			Max.	Min.		Max.						Min.						
	24 HOURS ENDED 9 A.M. TO-DAY.																	
Greenwich (Royal Obs.) ...	%	%	F.°	F.°	F.°	In.				Hr.	Dublin to 4 p.m.	In.	F.°	F.°	F.°			
City (Bunhill Row) ...	86	70	61	36	29	6.03	c.o	op	bc.b	1.5	Plymouth to 9 p.m.	0.73	46	41	43	or	gr.o	c
Westminster (St. James's Pk.)	"	"	"	"	"	"	"	"	"	2.1	Darwen "	0.43	53	46	41	bcv	bcv	bcv
Camden Sq. (Brit. Rainfall)	89	87	56	37	33	0.03	r	r	bc	1.9	Manchester "	0.81	51	38	43	owr	or	or
Hampstead (Reservoir) ...	85	74	60	35	25	0.07	c.b.c.o	o.or	c.bc	0.9	Birmingham "	0.55	51	42	"	bc.or	or	or
Kew. (See front page.)	"	74	55	35	25	0.07	c.or	b.bc	or	1.2	Oxford to 8 p.m.	0.24	50	42	31	o	r	c
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.																		
Total.			Mean Rate.		Max. Rate.													
S. Kensington (Roof of M.O.)	89	76	820 Joules.		15.1 Milliwaits.		69 Milliwaits.		S. Kensington (Museum Grounds to 6 p.m.)									
										1.4	0.05	57	47	41	o	c	o.or	

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

7th & 8th May 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.14 L.M.T. 11.49	G.M.T. 11.49 L.M.T. 11.49	G.M.T. 7.25 L.M.T. 7.26
Greenwich ...	G.M.T. 4.24 L.M.T. 11.56	G.M.T. 11.56 L.M.T. 11.56	G.M.T. 7.29 L.M.T. 7.30
Wick ...	G.M.T. 4.7 L.M.T. 12.8	G.M.T. 12.8 L.M.T. 12.8	G.M.T. 8.10 L.M.T. 8.12
Valencia ...	G.M.T. 5.3 L.M.T. 12.37	G.M.T. 12.37 L.M.T. 12.37	G.M.T. 8.11 L.M.T. 8.12

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature was low all over the British Isles, few stations touching 55°, many remaining below 50°. Rain has been general, locally heavy, $\frac{3}{4}$ inch at Castlebay, over an inch at N. Shields. Newquay and Scilly had $\frac{9}{16}$ hours of bright sunshine, but as a rule the records were small, in many places none.

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

Printed at the Meteorological Office, South Kensington, London, S.W.
By WYMAN & SONS LTD., Fetter Lane, London, E.C., and Reading.

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.

BRITISH ISLANDS.

ICELAND, FAEROE, &c.

SCANDINAVIA.

GERMANY, &c.

FRANCE.

SPAIN, PORTUGAL, &c.

12-33

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,
23rd May, 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.			
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	F.	Dir.				At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dir.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	
		In.	F.				In.	F.										F.	F.				Hours
Lerwick		30.02	44	ESE	8	bc	30.04	45	0	ESE	6	6	5	0	6	0.01	51	43	bc	bc	bc.b		
Stornoway		29.68	48	ESE	7	o	29.72	45	+1	ESE	7	0	6	0	6	0.01	51	43	c.cq	c.cq	oq	2.0	
Castlebay (Barra Isd.)		29.51	49	E	5	bcy	29.55	46	+3	E	5	0	6	0	6	0.01	51	43	o.c.b	bc	bc.p.o	9.6	
Glasgow		29.60	46	E	5	o	29.61	44	+3	ENE	5	0	0	0	0	0.07	54	41	o.c.b	c.o	oq	*	
Malin Head		29.34	46	SE	7	cmty	29.40	45	+3	SE	5	0	5	0	5	0.05	51	42	bcy	cmty	oq	*	
Blacksod Point		29.30	49	SSW	4	c	29.24	45	+2	ESE	6	0	5	0	5	0.14	50	42	bc	cmty	oq	*	
Valencia		29.33	48	SSE	4	c	29.03	47	+1	E	2	0	4	0	4	0.32	52	43	cph	bc	oq	3.1	
Roche's Point		29.40	51	SSW	4	b	29.08	47	0	ENE	4	r	4	0	4	0.52	53	46	o.b	bc.b	b.b	*	
Birr Castle		29.34	49	SW	2	c	29.14	45	+2	NE	2	r	0	0	0	0.35	54	42	c.p	chp	c.or	4.0	
Donaghadee		29.47	46	SSE	3	r	29.43	46	+1	SE	4	r	4	0	4	0.16	49	45	bc	cmty	bc.mr	*	
Liverpool Obsy.		29.54	48	ESE	3	r	29.51	49	+8	ESE	5	0	4	0	4	0.11	56	41	bc	bc.or	oq	3.2	
Holyhead		29.46	48	SSE	5	c	29.37	51	+6	SE	6	oq	5	0	5	0.21	52	44	bc.p	r.o.cq	cmty	3.2	
Pembroke (St. Ann's Hd.)		29.49	48	SSW	4	c	29.28	45	+1	SE	6	gfm	5	0	5	0.58	51	46	cgu	oqmr	c.p	1.6	
Newquay		29.51	52	SSW	3	c	29.16	51	+1	SSE	8	op	4	0	4	0.78	53	47	bc.or	o.r.b.c	c.or	2.3	
Scilly (St. Mary's)		29.49	51	SW	2	c	29.67	51	+2	S	6	cp	7	0	7	0.76	54	45	cp	cm	a	3.5	
Jersey (St. Aubin)		29.69	54	SSW	3	c	29.53	50	+1	E	6	cmr	5	0	5	0.14	48	48	cp.c	c.p.c	c.mr	4.9	
Portland Bill		29.62	50	S	5	c	29.44	48	+1	SE	6	r	5	0	5	0.15	52	47	c	cp	cr	*	
Dungeness		29.72	52	S	3	c	29.67	51	+3	SE	4	o	4	0	4	0.15	55	47	c.b	bc	cmty	*	
Dover		29.74	49	SE	2	bc	29.71	51	+5	ESE	4	o	3	0	3	0.01	51	45	b.b	bc	bc.c	10.6	
Wick		29.84	44	SSE	5	o	29.87	45	+2	SSE	8	c	7	0	7	0.03	45	41	cmty	cmty	oq	*	
Nairn		29.72	45	SSE	5	oq	29.76	46	+2	ESE	3	c	3	0	3	0.11	51	48	bcy	oq	oq	3.8	
Aberdeen		29.81	44	ESE	6	o	29.83	44	-1	ESE	5	o	4	0	4	0.11	48	45	oq	oq	oq	0.1	
Leith		29.65	45	ESE	4	o	29.66	45	+3	E	4	od	0	0	0	0.02	49	41	r.o	o	o	*	
North Shields		29.69	44	ESE	4	c	29.69	44	+3	ESE	4	o	6	0	6	0.10	47	39	r	c	r	2.8	
Spurn Head		29.66	47	ESE	5	c	29.69	49	+5	ESE	5	o	5	0	5	0.02	51	42	bc	bcy	oq	5.7	
Yarmouth		29.71	48	SW	2	bc	29.76	50	+7	SE	3	c	4	0	4	0.03	54	43	c.b	bcy	bc	5.0	
Clacton-on-Sea		29.70	54	S	3	bc	29.71	52	+9	SE	4	o	3	0	3	0.02	55	43	b.b.c	c.b	bc.c	5.0	
Nottingham		29.64	50	SSE	4	o	29.65	49	+6	SE	4	o	0	0	0	0.10	56	42	bcy	c.p	or	5.3	
Bath		29.62	50	S	4	r	29.53	49	+4	SE	4	r	0	0	0	0.12	56	48	c	-	-	2.6	
London (Kew Obsy.)		29.70	56	S	3	bc	29.65	50	+5	ESE	3	o	0	0	0	0.02	56	44	c.p	o.p	bc	5.5	
Spitzbergen		29.98	36	NE	3	o	30.02	25	-7	N	1	o	0	0	0	0.11	32	23					
Isafjord		29.99	54	SE	1	b	30.15	38	0	-	0	b	0	0	0	0.11	32	23					
Reykjavik		29.93	50	E	5	b	30.13	41	-3	-	0	b	0	0	0	0.11	32	23					
Vestmanna		29.88	46	E	9	bc	30.08	44	0	E	2	b	3	0	3	0.11	32	23					
Seydisfjord		30.13	42	E	3	o	30.24	36	-6	E	1	o	0	0	0	0.11	32	23					
Thorshavn		30.00	48	ESE	5	c	30.06	46	+1	ENE	4	c	0	0	0	0.11	32	23					
Haparanda		30.23	43	NW	2	bc	30.26	41	-2	SW	4	b	0	0	0	0.11	32	23					
Hernösand		30.21	41	-	0	b	30.26	46	-1	-	0	b	0	0	0	0.11	32	23					
Stockholm		30.16	40	SSE	2	b	30.25	48	+2	SE	2	b	0	0	0	0.11	32	23					
Wisby		30.13	38	-	0	b	30.23	49	+7	SE	2	b	0	0	0	0.11	32	23					
Karlstad		30.11	44	-	0	bc	30.21	46	+3	ESE	2	o	0	0	0	0.11	32	23					
Färder (X'landa Fjord)		30.06	48	SW	2	c	30.17	47	-1	-	0	b	0	0	0	0.11	32	23					
Bodö		30.19	48	N	1	b	30.23	46	-5	-	0	b	0	0	0	0.11	32	23					
Christiansund		30.04	52	NW	1	b	30.13	50	+2	-	0	b	2	0	2	0.11	32	23					
Skudesnaes		30.07	46	NNE	2	b	30.13	49	+3	ENE	2	b	2	0	2	0.11	32	23					
The Scaw (Skagen)		30.10	45	ESE	1	b	30.17	46	+3	-	0	b	0	0	0	0.11	32	23					
Blaavands Huk		29.98	42	ESE	4	b	30.04	47	+5	ESE	5	c	3	0	3	0.11	32	23					
Cuxhaven		29.89	46	S	3	o	29.99	44	+2	SE	4	o	1	0	1	0.04	52	41					
The Helder		29.79	46	S	1	b	29.88	50	+8	ESE	3	b	1	0	1	0.12	50	36					
Brussels		29.83	45	E	1	b	29.84	51	+5	SE	2	o	0	0	0	0.11	58	41					
Berlin		29.96	46	E	3	b	29.05	46	+3	E	3	b	0	0	0	0.11	52	37					
Frankfurt		29.89	48	SW	1	o	29.96	43	+1	E	1	o	0	0	0	0.24	48	39					
Munich		29.91	43	W	2	bc	29.94	46	+1	SW	3	b	0	0	0	0.16	52	36					
C. Gris Nez		29.76	54	S	2	b	29.73	51	+5	SE	4	c	2	0	2	0.11	57	48					
La Hève		29.75	51	SE	3	c	29.65	47	+2	SE	4	o	3	0	3	0.11	57	45					
Brest (St. Mathieu)		29.64	52	SSW	5	o	29.35	50	0	S	7	r	7	0	7	0.28	54	48					
Lorient (Bec Melen)		29.66	52	S	5	o	29.45	53	+3	SSW	5	r	4	0	4	0.24	55	46					
Rochefort (Ile d'Aix)		29.81	54	SW	3	o	29.58	52	+1														

GALES.

Duration and Extreme Force
on British Coasts.

Lerwick

Jan. 8 p.m. Extreme ESE 3

Malin Head

Apr. 10 p.m. do SE 8

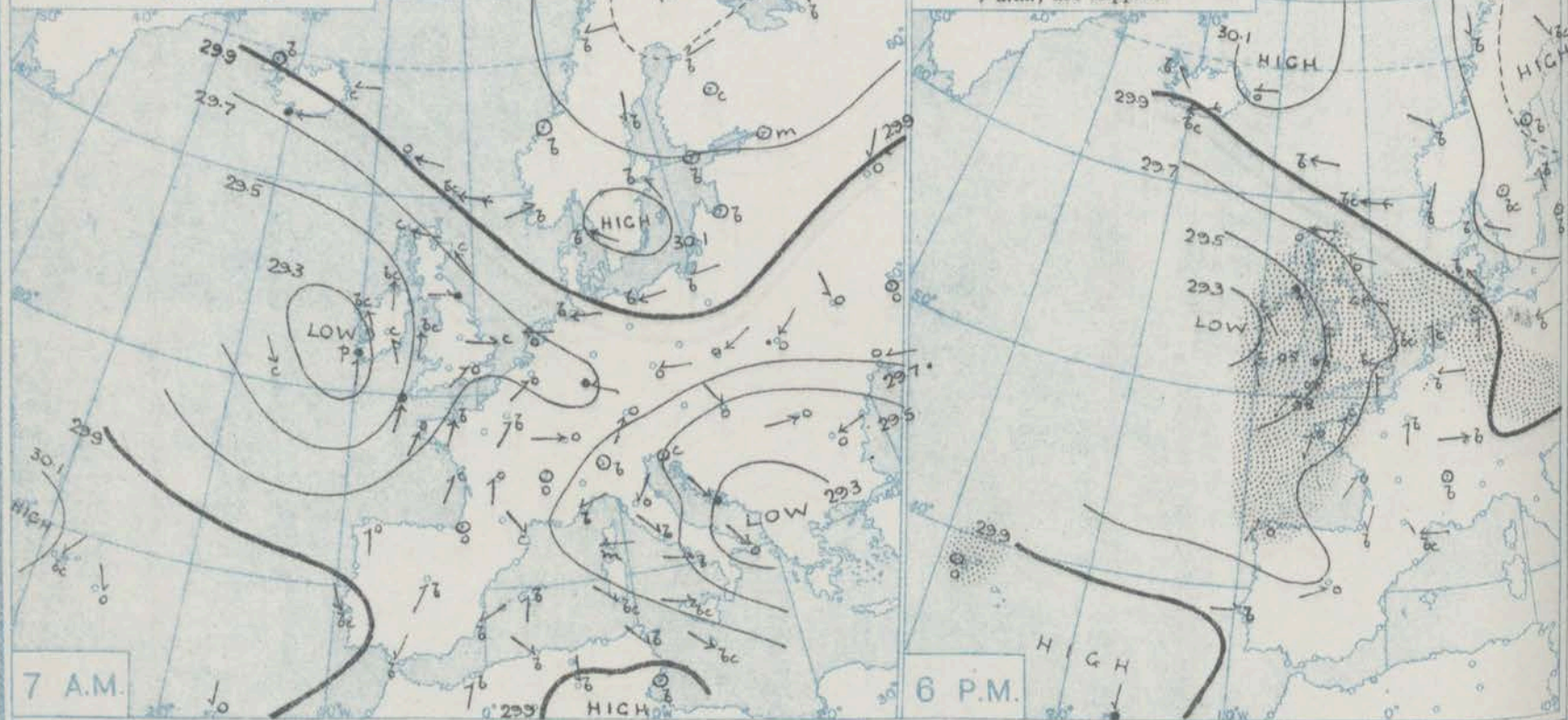
Scilly

Sat. 6 a.m. do SSE 8</

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

SCALE
NAUTICAL MILES
STATUTE MILES

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



GENERAL INFERENCE

WEATHER PROSPECTS.

A very deep cyclonic system centred of weather all over the British Isles.
near Scilly will occasion a rough E. type

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

0
1
2
3
4
5

S.E. to E. winds, increasing
strong to a gale in many
places; squally, rainy, some
fair intervals; day temperature
below the normal.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

At 7 p.m. yesterday South Cone hoisted in districts 6, 9 and part of 0, re-hoisted in districts 1, 2, 3 and remainder of 0. At 8.20 a.m. hoisted on remaining coasts.

6
7
8
9
10

Same as Nos. 0 to 5.

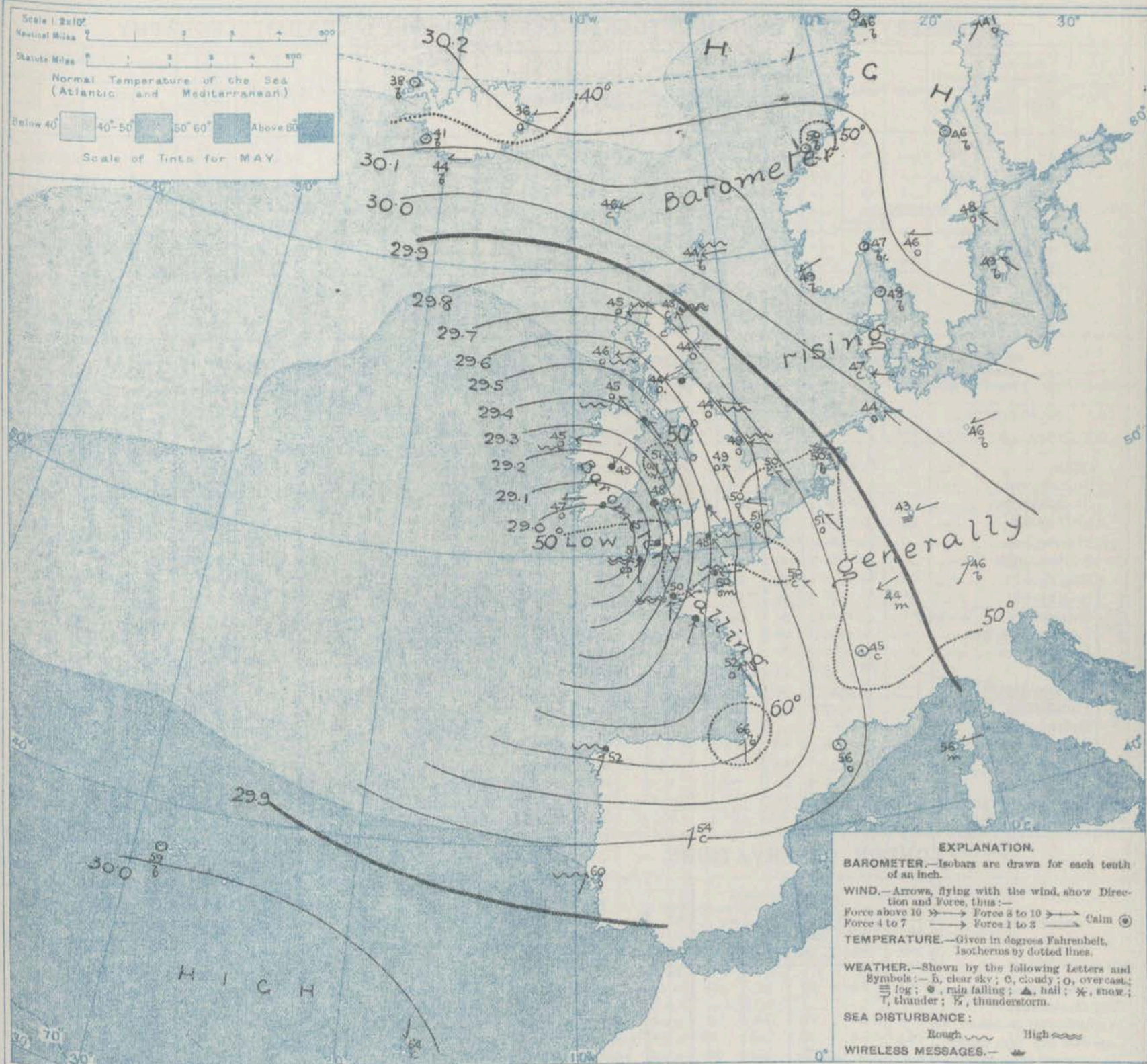
11 WESTERN CHANNEL AND BAY.

S.E. to S.W. strong winds and gales; rough sea, high S.W. swell; squally, unsettled, some rain, mist or fog; cold

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. THURSDAY, 8TH

MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.2 in. in an extensive anticyclone covering the whole of Northern Europe, and thence to Eastern Iceland. A very deep depression, with the barometer below 29.8 in., has arrived near our south western coasts. The gradient is steep over our western and northern districts, and it is increasing elsewhere.

Calms and very light variable breezes prevail over Scandinavia and Iceland. Southerly winds in the Bay, strong to a gale, southwesterly to easterly over the rest of our area, generally fresh or strong in force, a gale at Newcastle and

Wick. Temperature remains very uniform in nearly all regions, generally between 44° and 50°, but Biarritz stands at 66°. Fine weather prevails over Scandinavia and Iceland, but elsewhere it is mostly very dull, and rain is falling at many of our western stations, and in Brittany. A high sea is running off Wick and Lishant, and it is rough or rather rough on many other coasts.

DAILY WEATHER REPORT.

Thursday 8th May, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
7th 6pm.	51	12	Empress of Ireland	H	29.37	-.02	S	1-3	c	7th 7am.	51	17	Empress of Ireland	H	29.38	-.01	NW	4-5	c

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban ...	0.20	56	42	ov	bc	3.6	England, S.E.	Margate ...	0.03	57	40	b. cp	cp. b	6.2
	Stonehaven ...	0.11	45	40	og	bc. o	0.0		Ramsgate ...	0.03	54	36	*	*	9.1
	St. Andrews ...	0.46	44	41	o	o	0.0		Folkestone ...	-	52	39	ov. o. bc	bc. b	10.7
	Carnoustie ...	0.23	44	42	*	*	0.0		Littlestone ...	-	*	*	b. o. bc. b	*	10.8
England, N.E.	Harrogate ...	0.26	53	35	b	b. bc. m	7.3	England, S.W.	Hastings ...	-	54	38	b. o. bc. b	bc. bc	9.3
	Scarborough ...	*	49	40	o. c	o. c	3.0		Bexhill-on-Sea ...	-	54	38	bc. o. bc	bc. bc	9.7
	Blackpool ...	-	56	34	c. bc	c. o	7.7		Eastbourne ...	-	57	37	c. bc	o. bc. b	8.6
	Southport ...	-	55	35	b. bc	o. bc. o	7.3		Seaford ...	0.02	56	35	w. bc	bc	5.7
England, N.W.	Buxton ... to 9pm.	0.47	51	33	bc	bc	?	England, S.W.	Brighton ...	0.02	54	37	c. bc	bc. o	5.1
	Leamington Spa ...	0.16	55	33	p	p	3.5		Worthing ...	0.09	55	34	c	c	4.7
	Douglas ...	0.15	50	38	b	op	9.5		Littlehampton ...	0.09	*	*	*	*	2.6
	Rhyl ...	0.05	56	35	b	b	7.1		Southsea ...	0.06	55	37	o. c	c. bc. o. c	3.2
Wales.	Colwyn Bay ...	0.21	49	45	b	b. bc. r	5.8	England, S.W.	Bournemouth ...	0.10	55	37	o. c	c. od	2.2
	Llandudno ...	0.17	57	38	b	p	5.1		Weymouth ...	0.05	55	43	cp	o	2.7
	Bettws-y-Coed ...	*	53	39	c. b. o	ov. o	3.7		Teignmouth ...	0.22	53	44	bc. c. r	or	1.2
	Aberystwyth ...	0.18	53	39	c. b. o	ov. o	3.7		Torquay ...	0.11	53	44	*	*	2.0
England, E.	Lowestoft ...	0.20	56	41	o. c. bc	bc. op. c	4.6	England, S.W.	Paignton ...	-	56	35	c. bc	bc. o	2.0
	Felixstowe ...	0.08	54	49	b	bc	5.6		Ilfracombe ...	0.38	56	43	bc. c. o	ov. cp	2.0
	Walton-on-Naze ...	0.07	54	40	b. bc. c	bc. b	7.8		Weston-super-Mare ...	0.04	55	39	b. bc	cp. c. r	2.0
	Southend-on-Sea ...	-	57	38	bc	b	5.5								

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.		Humidity.	TEMPERATURE.		Rainfall.	WEATHER.		Sunshine for Yesterday.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
			In Screen.	Min. on Grass.		Forenoon.	Afternoon.					In Screen.	Night Min. on Grass.	Night.	Forenoon.	
		3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.	24 HOURS ENDED 9 A.M. TO-DAY.						Max.	Min.			
Greenwich (Royal Obs.) ...		62	69	59	45	40	0.01	bc. cp	Dublin to 4 p.m.		0.14	51	38	55	b. b. or	b. or
City (Bunhill Row) ...		*	*	56	48	45	0.04	bc	Plymouth to 9 p.m.		0.53	52	45	41	ov. q	c. b.
Westminster (St. James's Pk.)		78	85	56	48	45	0.04	bc	Darwen "		0.04	52	33	28	ov. bc	bc. bc
Camden Sq. (Brit. Rainfall)		63	69	58	46	43	0.03	c. bc	Manchester "		0.14	56	35	25	ov. c. bc	bc. c
Hampstead (Reservoir) ...		*	71	54	45	38	0.05	bc. p	Birmingham "		0.14	52	35	25	c. r	c. r
Kew. (See front page.)									Oxford to 8 p.m.		*	55	36	29	c. bc. o. c	ov. o. c
				VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.					S. Kensington (Museum Grounds to 6 p.m.)		0.01	56	38	29	ov. c. bc	c. or
				Total.	Mean Rate.	Max. Rate.										
S. Kensington (Roof of M.O.)		68	78	12.29	Joules.	26	Milliwatts.	81								

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

8th & 9th May, 1913.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	...	4.12	11.49	7.26
	...	4.10	11.49	7.28
Greenwich ...	...	4.22	11.56	7.30
	...	4.21	11.56	7.31
Wick ...	...	4.4	12.8	8.12
	...	4.2	12.8	8.14
Valencia ...	...	5.1	12.37	8.12
	...	5.0	12.37	8.14

During yesterday temperature remained below 55° in most parts of this country, as low as 45° at Wick, and 44° at Carnoustie and St. Andrews. Rain has fallen in all districts, $\frac{3}{4}$ in. at Newquay and Seilly. Eastern Scotland had no bright sunshine, the records increasing southward to about 10½ hours between Hastings and Dover. A South Easterly gale has been felt at a few western and northern stations. As far west as the 20th meridian ships had light southerly winds near the Irish coast, fresh North Easterly winds further west, with cloudy weather.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,
9th May, 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
	At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Force (0 to 12).	Dirac.	Weather.	At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12).	Weather.			Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'o. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.				
Lerwick	In. 30.05	F. 47	E	8	b	In. 30.08	.00	47	+2	E	8	bc	7	In. 48	F. 44	b	b	bcq	Hours				
Stornoway	29.64	47	E	7	o	29.71	+0.03	46	+1	ESE	6	r	5	0.07	51	44	o. bcq	bcq	oq	3.0			
Castlebay (Barra Isd.)	29.39	48	E	5	oq	29.61	+0.03	47	+1	E	4	b	5	0.14	51	44	o	oq	oq. bc	0.0			
Glasgow	29.52	46	ESE	5	r	29.63	+0.01	45	+1	E	1	o	*	0.47	52	41	o	r	d. oq	*			
Malin Head... ..	29.08	47	S	10	cpq	29.50	+0.04	45	0	S	5	cp	4	0.43	49	41	omq	mq	omq	*			
Blackod Point	28.86	46	S	8	r	29.33	+0.02	44	-1	SSE	6	o	5	0.37	51	42	or	or	or	*			
Valencia	29.15	48	S	5	cp	29.22	.00	43	-4	E	3	c	4	0.36	49	42	om	ep	cp	0.1			
Roche's Point	29.26	49	SSW	4	bc	29.27	*	47	0	SSE	6	o	6	0.72	50	43	c. or	r. bc	bcq	*			
Birr Castle	29.17	46	SW	4	c	29.35	*	46	+1	E	2	c	*	0.88	51	39	or. or	or. c	epc	0.0			
Donaghadee	29.36	49	SSE	5	o	29.54	.00	46	0	SE	3	bc	3	0.29	49	45	omr	o	omr	*			
Liverpool Obsy.	29.48	50	SE	5	o	29.56	-0.01	46	-3	SE	2	o	2	0.04	53	43	od	opl	bc. o	0.0			
Holyhead	29.39	51	SSW	6	cp	29.50	.00	46	-5	E	3	bc	2	0.08	54	42	opm	p. oq	c	3.2			
Pembroke (St. Ann's Hd.)	29.39	49	SSW	6	c	29.40	-0.03	48	0	SE	6	cp	5	0.71	53	43	ogm	omq	cpq	5.9			
Newquay	29.42	50	S	5	bc	29.39	-0.01	45	-6	S	3	op	5	0.33	53	43	opq. bc	bc	op	6.1			
Scilly (St. Mary's)	29.38	51	SSW	4	cp	29.33	.00	48	-3	SW	4	cpq	6	0.22	53	44	cp	ep	cp	7.5			
Jersey (St. Aubin)	29.57	55	SW	3	og	29.57	*	49	-1	SSE	4	om	4	0.06	57	49	emp	og	ogom	0.0			
Portland Bill	29.53	50	SW	3	c	29.52	-0.02	51	+3	SSE	5	c	4	0.25	52	47	er	er	c. bc	*			
Dungeness	29.61	53	ESE	3	r	29.61	+0.01	51	0	-	0	p	0	0.05	53	50	or	op	cp	*			
Dover	29.65	53	ESE	2	o	29.63	*	50	-1	-	0	r	2	0.21	54	49	or. o	or. c. o	r. or	0.2			
Wick	29.80	45	ESE	8	o	29.85	+0.02	45	0	ESE	7	og	6	0.02	46	43	comq	omq	omq	*			
Nairn	29.69	48	E	4	o	29.73	*	46	0	ESE	3	r	2	0.05	50	43	3q	q. o	q. o	0.2			
Aberdeen	29.77	45	SE	6	o	29.81	+0.02	44	0	ESE	6	r	4	0.38	47	44	og	og	og	0.0			
Leith	29.58	47	E	5	r	29.68	+0.03	48	+3	E	2	r	*	0.13	52	44	og	og	og	*			
North Shields	29.66	45	ESE	5	r	29.68	.00	45	+1	SE	1	r	5	0.88	48	42	o	r	r	0.0			
Spurn Head	29.67	49	ESE	6	r	29.62	.00	48	-1	ESE	4	om	6	0.35	51	47	og	og	og	0.0			
Yarmouth	29.72	50	E	4	r	29.65	-0.02	49	-1	SE	3	r	4	0.05	52	47	c	c. op	comq	0.0			
Clacton-on-Sea	29.66	54	SE	3	o	29.61	-0.01	52	0	SE	2	r	1	0.11	54	51	opg	opg	og	0.0			
Nottingham... ..	29.62	50	SE	4	r	29.61	*	49	0	E	2	opm	*	0.17	53	47	op	op	op	0.0			
Bath	29.54	53	S	4	o	29.55	*	50	+1	SE	1	o	*	0.20	56	43	-	-	-	0.6			
London (Kew Obsy.)... ..	29.61	53	SE	3	om	29.62	+0.01	51	+1	SSE	2	om	*	0.08	54	49	ot. b.	ot. om	om. c. o	0.0			
Spitzbergen	29.91	22	S	1	b	29.98	+0.05	13	-12	-	0	b	*	?	25	10							
Isafjord... ..	30.16	41	N	3	b	30.20	.00	34	-4	-	0	f	*	*	*	*							
Reykjavik	30.12	48	-	0	b	30.13	?	40	-1	E	2	c	*	*	*	*							
Vestmanna	30.12	48	E	3	b	30.13	+0.01	41	-3	E	4	b	*	*	*	*							
Seydisfjord	30.25	46	E	4	c	30.26	+0.01	39	+3	-	0	o	*	*	*	*							
Thorshavn	30.06	46	ENE	5	o	30.12	+0.03	46	0	E	4	c.	*	*	*	*							
Haparanda	30.22	42	E	2	b	30.23	.00	47	+6	SW	2	bc	*	*	55	34							
Hernösand	30.26	41	-	0	b	30.24	.00	51	+5	-	0	b	*	*	52	34							
Stockholm	30.28	43	-	0	b	30.30	+0.01	50	+2	N	2	bc	*	*	55	39							
Wisby	30.26	43	ENE	2	b	30.26	.00	45	-4	ENE	2	c	*	*	54	36							
Karlstad	30.23	45	-	0	bc	30.30	+0.02	47	+1	-	0	b	*	*	59	39							
Färder (X'ianla Fjord)	30.17	33	W	2	b	30.26	+0.02	50	+3	S	2	b	2	-	54	46							
Bodö	30.22	47	N	1	b	30.28	+0.02	44	-2	NE	2	b.	2	-	48	41							
Christiansund	30.20	44	W	1	o	30.24	.00	48	-7	NE	1	o	2	-	50	41							
Skudesnaes	30.17	48	-	0	b	30.23	.00	50	+1	E	2	b	2	-	50	43							
The Scaw (Skagen)	30.21	50	E	1	b	30.25	+0.01	49	+1	SE	3	b	0	-	61	48							
Blaavands Huk	30.06	46	SE	4	b	30.09	-0.01	46	-1	ESE	4	b	2	-	55	36							
Cuxhaven	29.99	50	E	3	b	30.02	.00	46	+2	ESE	5	b	3	-	54	41							
The Helder	29.82	54	E	4	o	29.78	-0.02	49	-1	E	5	c	3	-	57	50							
Brussels	29.71	55	ESE	4	c	29.66	-0.02	55	+4	E	3	o	*	Trace	62	48							
Berlin	30.04	50	E	3	b	30.09	+0.01	46	0	E	3	b	*	*	57	37							
Frankfurt	29.87	51	NE	2	b	29.88	+0.01	50	+7	SE	1	blv	*	*	61	43							
Munich	29.87	47	NE	4	b	29.90	+0.01	44	-2	E	4	b	*	*	55	34							
C. Gris Nez... ..	29.64	54	ESE	4	o	29.63	-0.02	52	+1	-	0	r	0	0.12	55	48							
La Hève	29.62	55	S	3	o	29.62	*	48	+1	S	5	c	3	0.08	61	45							
Brest (St. Mathieu)	29.54	53	SSW	4	o	29.47	-0.02	49	-1	SW	5	c	4	0.24	54	46							
Lorient (Boe Meien)	29.54	53	SSW	4	o	29.51	*	50	-3	SW	6	r	5	0.59	57	45							
Rocheport (Ile d' Aix)	29.68	57	W	3	o	29.61	-0.01	52	0	NNE	3	o	*	*	66	52							
Biarritz	29.65	59	N	3	c	29.62	+0.04	64	-2	SSW	3	o	2	-	68	50							
Paris	29.63	64	SE	2	o	29.64	-0.01	56	+6	SE	1	o	*	0.08	67	47							
Belfort	29.80	65	E	4	c	29.80	*	53	+9	ENE	5	m	*	0.04	61	44							
Lyons	29.68	63	S	4	o	29.75	*	56	+4	SE	2	b	*	*	72	45							
Nice	29.85	65	-	0	c	29.84	.00	55	-	-	0	o	2	-	64	50							
Perpignan	29.64	61	NE	2	o	29.72																	

GALES.

Duration and Extreme Force
on British Coast.

Lerwick
10am-7am. Extreme E. 9

Malin Head
8am-10pm do. S. 10

Blackod Point
4pm-11pm do ESE 8

Holyhead
8am-2pm do. SE. 9
Squalls 5amph

Pembroke
8am-10am. Extreme SE 8

Wick
7am-11am. Squalls ESE 8

Nairn
7am-11am. Squalls SE 8

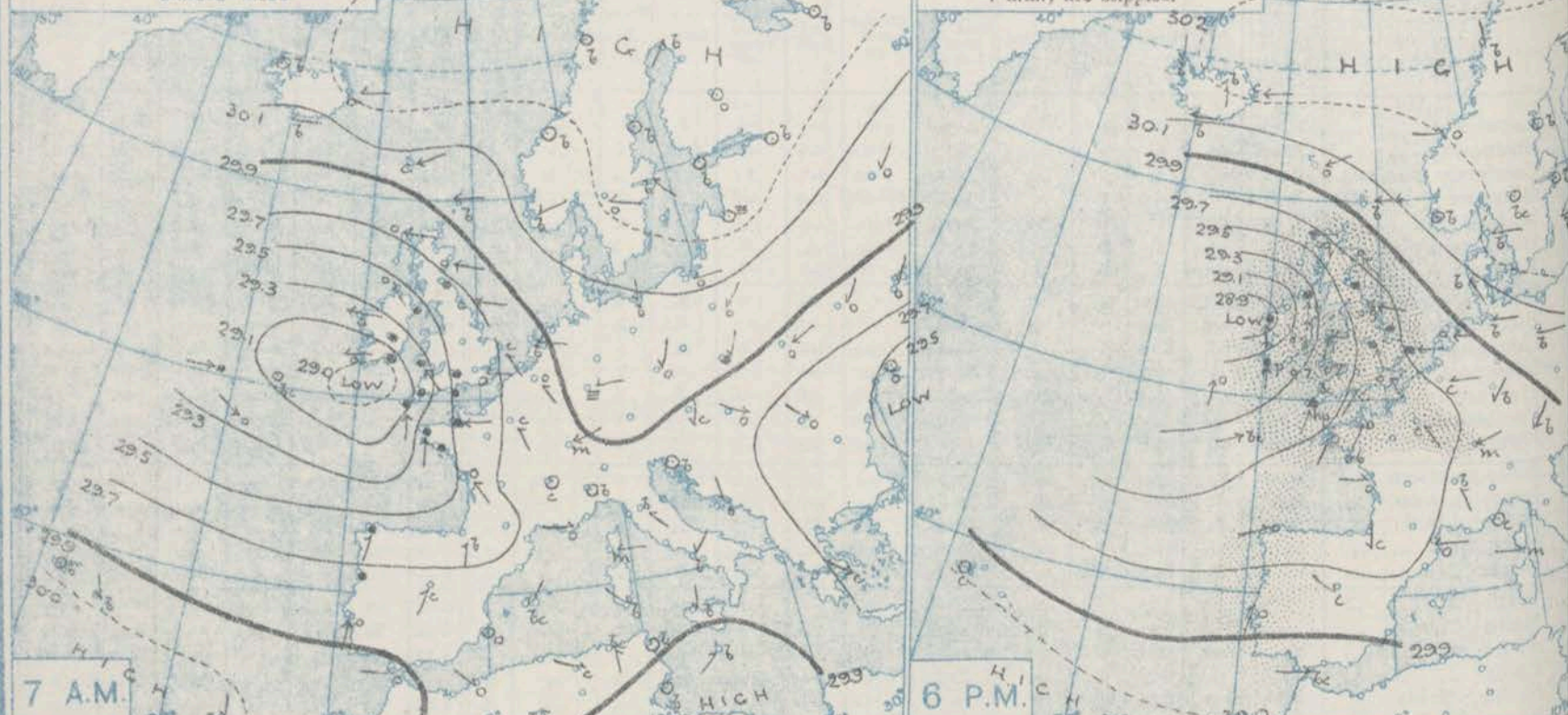
* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



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



GENERAL INFERENCE

WEATHER PROSPECTS.

The changes of pressure throughout our area are very slight, the tendency being in the direction of an Easterly type of conditions

over this country for the present.

FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

- 0 {
a
b
1 } Easterly winds, strong to a gale, moderating later; squally dull and rainy to fair; cool.
- 2 {
a
b
3 } Wind between South and East, fresh or strong at times locally, but generally light to moderate; dull, some rain and mist, fair intervals; day temperature below 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.	Signals hoisted this morning.
South Cone.	South Cone.
North Cone.	North Cone.

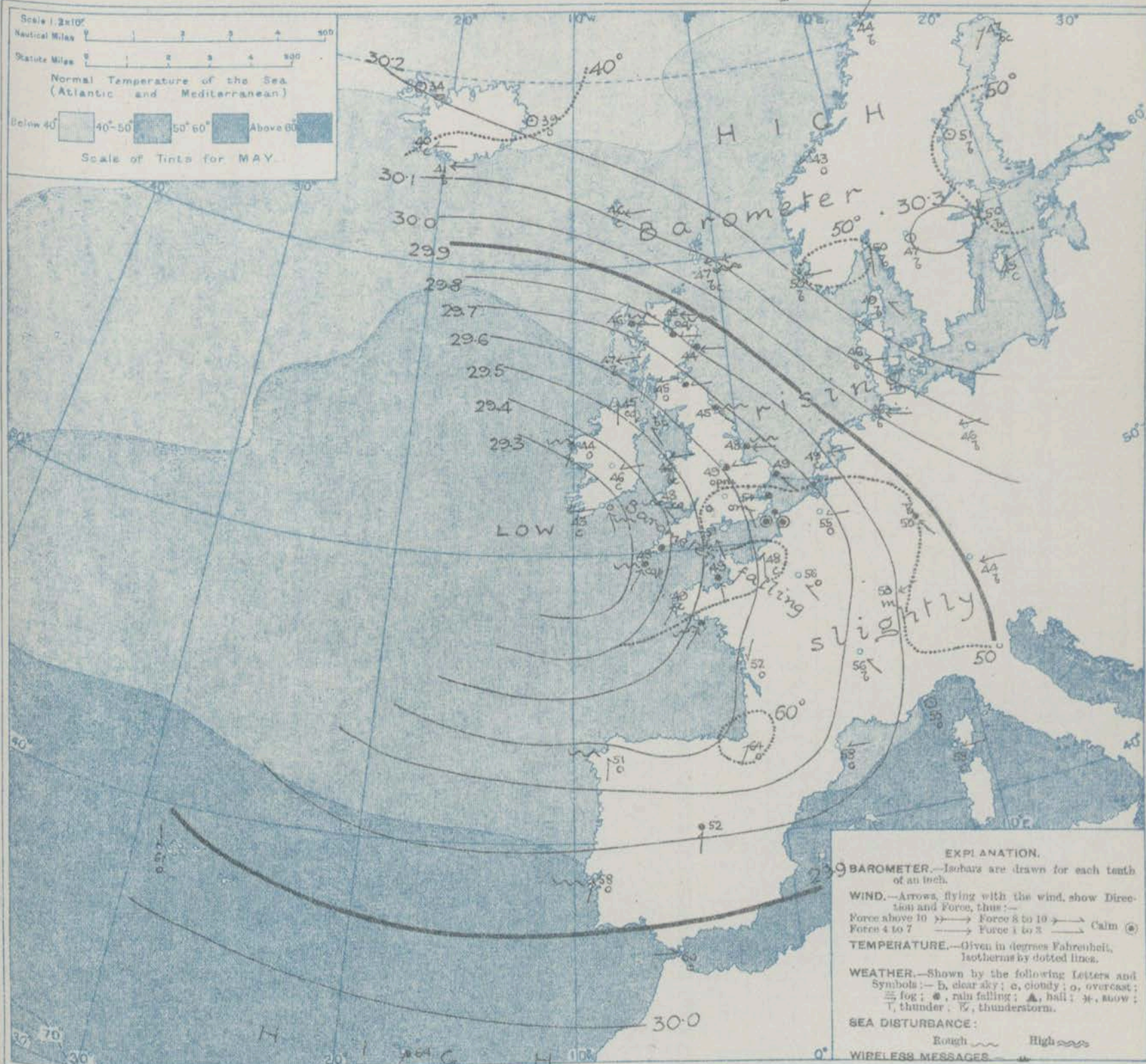
SOUTH CONE
Hoisted at 8.20am yday 3.5.78.10
Rehoisted at 7.25pm yday 0.1.2.63

- 6 {
a
b
7 {
a
b
8 {
a
b
9 {
a
b
10 {
a
b
11 WESTERN CHANNEL AND BAY.
Southernly and South-Easterly winds, fresh or strong at times; sea moderate to rough; squally some rain, mist or fog, fair intervals; cold.

THE FURTHER OUTLOOK. (All Districts).

Conditions likely to remain unsettled.

SYNOPTIC CHART FOR 7 A.M. FRIDAY, 9TH MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An area of moderately high pressure, with the barometer between 30.2 in. and 30.3 in., embraces the whole of North-Eastern and Northern Europe and across to Northern Iceland and the Greenland coast. The deep cyclonic disturbance of the past two days, unable to advance in any direction, is still centred beyond the Kerry coast, where the barometer is at 29.2 in. The gradient is very variable.

Calms and very light breezes prevail within the region of maximum pressure, moderate to strong South-Westerly winds on the Bay, Southerly to Easterly over the rest of our area, varying from a calm or light

air in some localities to strong winds or gales round the north of Scotland. Over the British Isles temperature ranges from 44° at Aberdeen and Blackhead Point to 52° at Clifton-on-Sea; on the Continent from 42° at Munich to 64° at Biarritz; in Scandinavia from 43° at Christiansund to 51° at Helsingfors; and in Iceland from 34° to 41°. At Spitzbergen the reading is 13°. Fine weather prevails over Scandinavia and in Denmark and North Germany, but elsewhere it is mostly very cloudy to overcast, and rain is falling at numerous stations in Britain, locally in the north of France, and a thunderstorm is in progress at Boulogne. A high sea is running off Ireland, and it is rough or rather rough on many parts of our coast.

DAILY WEATHER REPORT.

Friday, 9th May 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
8th 6 p.m.	50	16	Montfort	H	29.08	-.06	S	6-7	0	8th 7 a.m.	50	21	Montfort	H	29.20	-.05	W	6-7	1
"	48	11	Olympic	H	?	.00	WSW	4-5	bc	"	48	19	Olympic	H	?	-.06	NW	4-5	2
" 1 p.m.	50	14	Celtic	H	29.22	.00	S	1-3	6	"	50	17	Celtic	H	29.22	-.02	-	0	bc

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

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

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.		
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.				
			Max.	Min.	Max.	Min.															
			24 HOURS ENDED 9 A.M. TO-DAY.																		
			%	%	F.°	F.°				F.°		In.						Hr.	In.	F.°	F.°	F.°	Night.	Fore-noon.	After-noon.	Hr.
Greenwich (Royal Obs.) ...	77	85	54	48	46	0.08	or	or	0	0.0	Dublin to 4 p.m.	0.65	52	44	39	b.ory	7.0	c	2.6		
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	0.0	Plymouth to 9 p.m.	0.41	54	47	46	c.b.p	bcq	bcq	0.0		
Westminster (St. James's Pk.)	89	89	55	49	47	0.06	r	r	r	0.0	Darwen	0.27	50	44	43	or	or	or	0.0		
Camden Sq. (Brit. Rainfall)	79	75	56	49	47	0.08	0.0	0.0	0.0	0.0	Manchester	0.02	52	48	*	or.0	or.0	0.0	0.1		
Hampstead (Reservoir) ...	*	76	52	46	43	0.08	or	or	od	0.0	Birmingham	0.15	49	46	40	0.0	or	0	0.1		
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.											51	47	45	or	or	or		
			Total.		Mean Rate.		Max. Rate.														
S. Kensington (Roof of M.O.)	81	81	439.5 Joules.		8.0 Milliwatts.		23 Milliwatts.		0.0		S. Kensington (Museum Grounds to 6 p.m.)	0.06	54	48	44	e	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

9th May 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.10	G.M.T. 11.49	G.M.T. 7.28
Greenwich	G.M.T. 4.5	G.M.T. 11.49	G.M.T. 7.30
Wick	G.M.T. 4.21	G.M.T. 11.56	G.M.T. 7.31
Valencia	G.M.T. 4.19	G.M.T. 11.56	G.M.T. 7.33
	G.M.T. 4.2	G.M.T. 12.8	G.M.T. 8.14
	G.M.T. 4.0	G.M.T. 12.8	G.M.T. 8.16
	G.M.T. 5.0	G.M.T. 12.37	G.M.T. 8.14
	G.M.T. 4.56	G.M.T. 12.57	G.M.T. 8.16

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature remained below 55° over the greater part of the British Isles, below 50° in places. Rain fell everywhere, from ½ inch to an inch in several instances. The day was sunless or nearly so in most districts, but there was a fair amount of sunshine on the south-west coasts, up to 7½ hours at Sicily. A S.E. to E. gale to a strong or whole gale, has been experienced on several sections of our coasts. As far west as the 24th meridian ships experienced Calms and light to strong winds between S. and N.W., with fair to dull weather, occasional 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.

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.

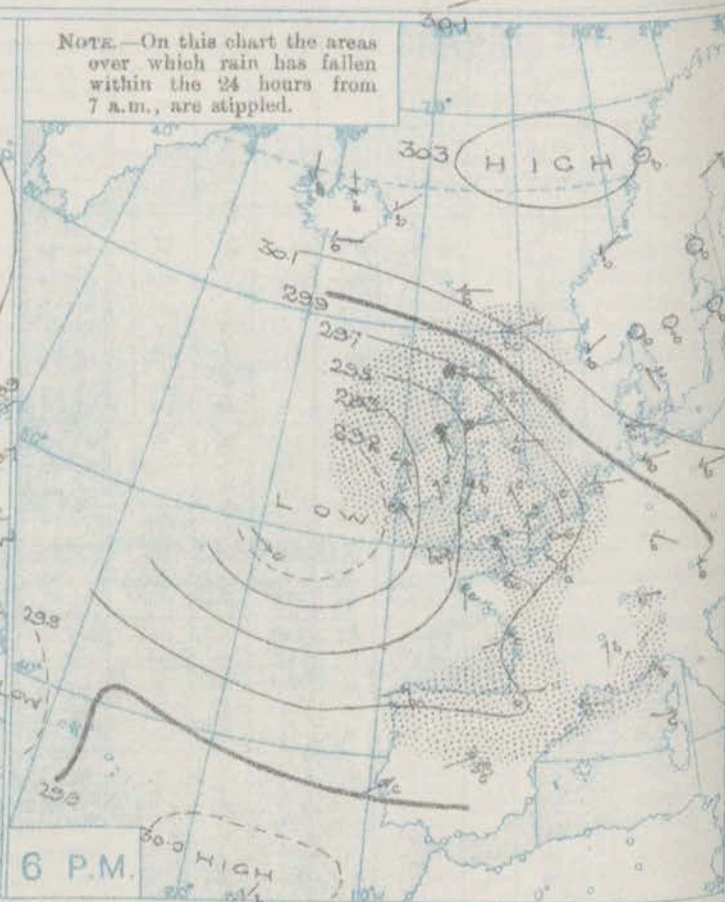
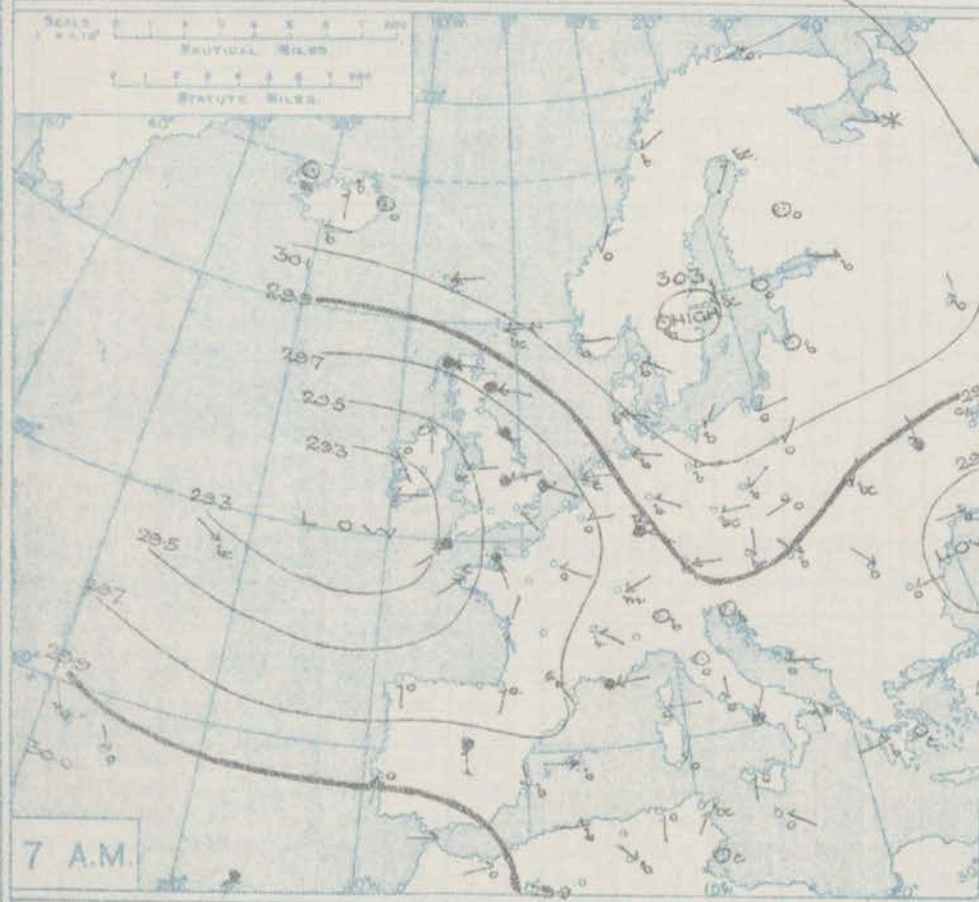
Saturday,
10th May, 1913.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.	
	BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.			
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Wet Bulb.	Dir.				At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dir.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.		After'n. 1 p.m. to 6 p.m.
Lerwick	30.09	47	47	ENE	8	bc	30.02	-0.07	49	+2	ENE	9	bc	7	0.06	49	45	bc	bc	bc	bc	0.0
Stornoway	29.69	44	44	ESE	6	org	29.73	+0.04	46	4	SE	3	c	3	0.12	48	43	bc	bc	bc	bc	7.7
Castlebay (Barra Isd.)	29.51	49	49	E	4	c	29.65	+0.14	49	+2	E	4	b	4	0.11	52	45	bc	bc	bc	bc	0.0
Glasgow	29.56	46	46	E	3	r	29.70	+0.14	44	-1	E	2	o	3	0.26	49	42	bc	bc	bc	bc	0.0
Malin Head	29.39	46	46	SSE	5	rg	29.56	+0.17	47	+2	SE	4	bc	3	0.18	52	43	bc	bc	bc	bc	0.0
Blackod Point	29.30	51	51	SSE	5	c	29.34	0.00	48	+4	SE	6	c	5	0.11	54	43	bc	bc	bc	bc	0.0
Valencia	29.24	51	51	SE	6	ov	29.28	+0.04	50	+7	SSE	5	op	4	0.15	55	43	bc	bc	bc	bc	0.0
Roche's Point	29.36	51	51	SSE	5	b	29.41	0.05	50	+3	SSE	6	o	6	0.04	52	46	bc	bc	bc	bc	0.0
Birr Castle	29.36	53	53	SSE	4	c	29.42	0.06	48	+2	SE	2	c	2	0.07	55	43	bc	bc	bc	bc	0.0
Donaghadee	29.48	47	47	S	3	c	29.58	+0.10	48	+2	SSE	3	m	2	0.07	51	46	bc	bc	bc	bc	0.0
Liverpool Obsy.	29.57	54	54	SE	2	b	29.66	0.09	47	+1	ESE	3	bc	3	0.09	50	43	bc	bc	bc	bc	0.0
Holyhead	29.52	51	51	SSW	4	bu	29.63	0.11	49	+3	E	3	b	2	0.20	54	44	bc	bc	bc	bc	0.0
Pembroke (St. Ann's Hd.)	29.50	50	50	S	4	bc	29.54	+0.04	49	+1	S	5	eg	5	0.19	52	43	bc	bc	bc	bc	0.0
Newquay	29.52	51	51	SSE	5	b	29.57	+0.05	50	+5	SSE	3	b	3	0.05	57	46	bc	bc	bc	bc	0.0
Silly (St. Mary's)	29.46	52	52	SSE	4	bc	29.52	+0.06	50	+2	SSE	4	bc	6	0.01	56	46	bc	bc	bc	bc	0.0
Jersey (St. Aubin)	29.63	57	57	SE	3	bc	29.74	0.11	52	+3	S	4	bc	4	0.02	58	48	bc	bc	bc	bc	0.0
Portland Bill	29.62	51	51	SSE	4	b	29.69	+0.07	51	0	S	4	bc	4	0.02	52	47	bc	bc	bc	bc	0.0
Dungeness	29.68	51	51	SSW	3	bc	29.75	+0.07	50	-1	SSW	2	or	2	0.23	52	49	bc	bc	bc	bc	0.0
Dover	29.67	50	50	SSW	3	bc	29.76	0.09	51	+1	S	2	o	2	0.27	51	47	bc	bc	bc	bc	0.0
Wick	29.84	45	45	SE	8	o	29.81	+0.03	44	-1	SE	6	rg	7	0.22	46	43	bc	bc	bc	bc	0.0
Nairn	29.71	43	43	E	5	o	29.73	0.02	46	0	E	1	c	2	0.11	48	41	bc	bc	bc	bc	0.0
Aberdeen	29.78	43	43	ESE	7	r	29.77	-0.01	44	0	SE	3	m	3	0.17	44	43	bc	bc	bc	bc	0.0
Leith	29.61	47	47	ESE	3	o	29.70	+0.09	45	-3	ESE	2	og	4	0.21	48	43	bc	bc	bc	bc	0.0
North Shields	29.63	45	45	ESE	3	o	29.71	+0.08	44	-1	E	1	fe	4	0.24	46	41	bc	bc	bc	bc	0.0
Spurn Head	29.64	50	50	ESE	3	o	29.72	+0.08	47	-1	SSE	2	cwm	5	0.33	50	45	bc	bc	bc	bc	0.0
Yarmouth	29.66	50	50	SSE	3	o	29.73	+0.07	49	0	S	1	c	2	0.25	52	47	bc	bc	bc	bc	0.0
Clacton-on-Sea	29.66	52	52	SSE	2	o	29.74	+0.08	51	-1	S	2	c	2	0.30	52	50	bc	bc	bc	bc	0.0
Nottingham	29.62	54	54	SSE	2	o	29.70	0.08	47	-2	SE	1	cm	2	0.04	55	42	bc	bc	bc	bc	0.0
Bath	29.61	55	55	S	3	b	29.70	0.09	50	0	S	2	c	2	0.02	58	40	bc	bc	bc	bc	0.0
London (Kew Obsy.)	29.66	54	54	S	3	c	29.74	+0.08	51	0	S	3	b	2	0.02	57	46	bc	bc	bc	bc	0.0
Spitzbergen	30.02	14	14	-	0	bc	30.00	-0.02	15	+2	SE	2	b	2	0.00	19	7	bc	bc	bc	bc	0.0
Isafjord	30.17	37	37	N	3	f	30.23	-0.06	32	-2	-	0	f	2	0.00	32	2	bc	bc	bc	bc	0.0
Reykjavik	30.16	53	53	N	3	b	30.16	0.00	45	+5	E	3	b	3	0.00	45	3	bc	bc	bc	bc	0.0
Vestmanna	30.13	50	50	E	4	b	30.06	-0.07	47	+6	NE	1	c	3	0.00	47	3	bc	bc	bc	bc	0.0
Seydisfjord	30.26	59	59	NE	3	b	30.28	+0.02	35	-4	-	0	c	2	0.00	35	2	bc	bc	bc	bc	0.0
Thorshavn	30.11	48	48	E	4	c	30.08	-0.03	46	0	ENE	4	c	2	0.00	46	2	bc	bc	bc	bc	0.0
Haparanda	30.21	44	44	SW	2	b	30.26	-0.04	46	-1	SW	4	b	2	0.00	55	37	bc	bc	bc	bc	0.0
Hernösand	30.19	50	50	-	0	b	30.23	+0.04	46	-5	N	2	b	2	0.00	61	34	bc	bc	bc	bc	0.0
Stockholm	30.24	47	47	-	0	b	30.24	0.00	50	0	SSW	2	o	2	0.00	57	41	bc	bc	bc	bc	0.0
Wisby	30.22	46	46	ENE	2	o	30.20	-0.02	53	+8	ENE	2	bc	2	0.00	54	34	bc	bc	bc	bc	0.0
Karlstad	30.21	48	48	-	0	b	30.24	0.03	47	0	-	0	bc	2	0.00	61	34	bc	bc	bc	bc	0.0
Färder (X'tania Fjord)	30.19	54	54	-	0	b	30.21	0.02	49	-1	NNE	2	b	1	0.00	54	34	bc	bc	bc	bc	0.0
Bodö	30.30	45	45	-	0	b	30.30	0.00	43	-1	-	0	bc	0	0.00	45	39	bc	bc	bc	bc	0.0
Christiansund	30.23	49	49	NE	1	b	30.23	0.00	47	+4	EINE	2	b	2	0.00	49	43	bc	bc	bc	bc	0.0
Skudesnaes	30.14	50	50	NE	2	b	30.12	-0.02	53	+3	-	0	b	2	0.00	53	46	bc	bc	bc	bc	0.0
The Scaw (Skagen)	30.16	51	51	SSE	1	c	30.23	+0.07	50	+1	ESE	3	b	0	0.00	57	46	bc	bc	bc	bc	0.0
Blavands Huk	30.03	46	46	ESE	5	b	30.05	-0.02	48	+2	ESE	4	b	2	0.00	55	37	bc	bc	bc	bc	0.0
Cuxhaven	29.93	52	52	ESE	4	b	29.94	-0.01	48	+2	ESE	5	b	3	0.00	56	45	bc	bc	bc	bc	0.0
The Helder	29.74	57	57	E	4	o	29.80	+0.06	51	+2	ESE	2	o	1	0.04	59	49	bc	bc	bc	bc	0.0
Brussels	29.73	55	55	NW	1	o	29.78	+0.05	54	-1	SW	1	p	2	0.16	76	52	bc	bc	bc	bc	0.0
Berlin	29.81	52	52	E	2	b	30.01	0.20	50	+4	E	2	b	2	0.00	57	41	bc	bc	bc	bc	0.0
Frankfurt	29.81	58	58	SE	2	b	29.85</															

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



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



GENERAL INFERENCE

WEATHER PROSPECTS.

The changes in the distribution of pressure tend in the direction of a more Easterly

type of conditions during the coming twenty-four hours, probably more northerly later

FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

0 {
a
b

South Easterly to Easterly winds, strong to a gale locally, moderating considerably; changeable, some rain, moderate temperature.

1

Wind between South and

2 {
a
b

East, generally light to moderate; some local passing

3

showers and mist, but mostly

4 {
a
b

fair to fine; temperature rising somewhat.

5

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

SOUTH CONE RE-HOISTED.
in Districts 0 and 1 at 7.15 p.m.

6 {
a
b

7 {
a
b

Same as Nos. 1 to 5.

8 {
a
b

9 {
a
b

Southerly to Easterly winds, fresh or strong at times on south and west coasts, light or moderate elsewhere; some showers and mist, but generally fair to fine, rather milder.

10 {
a
b

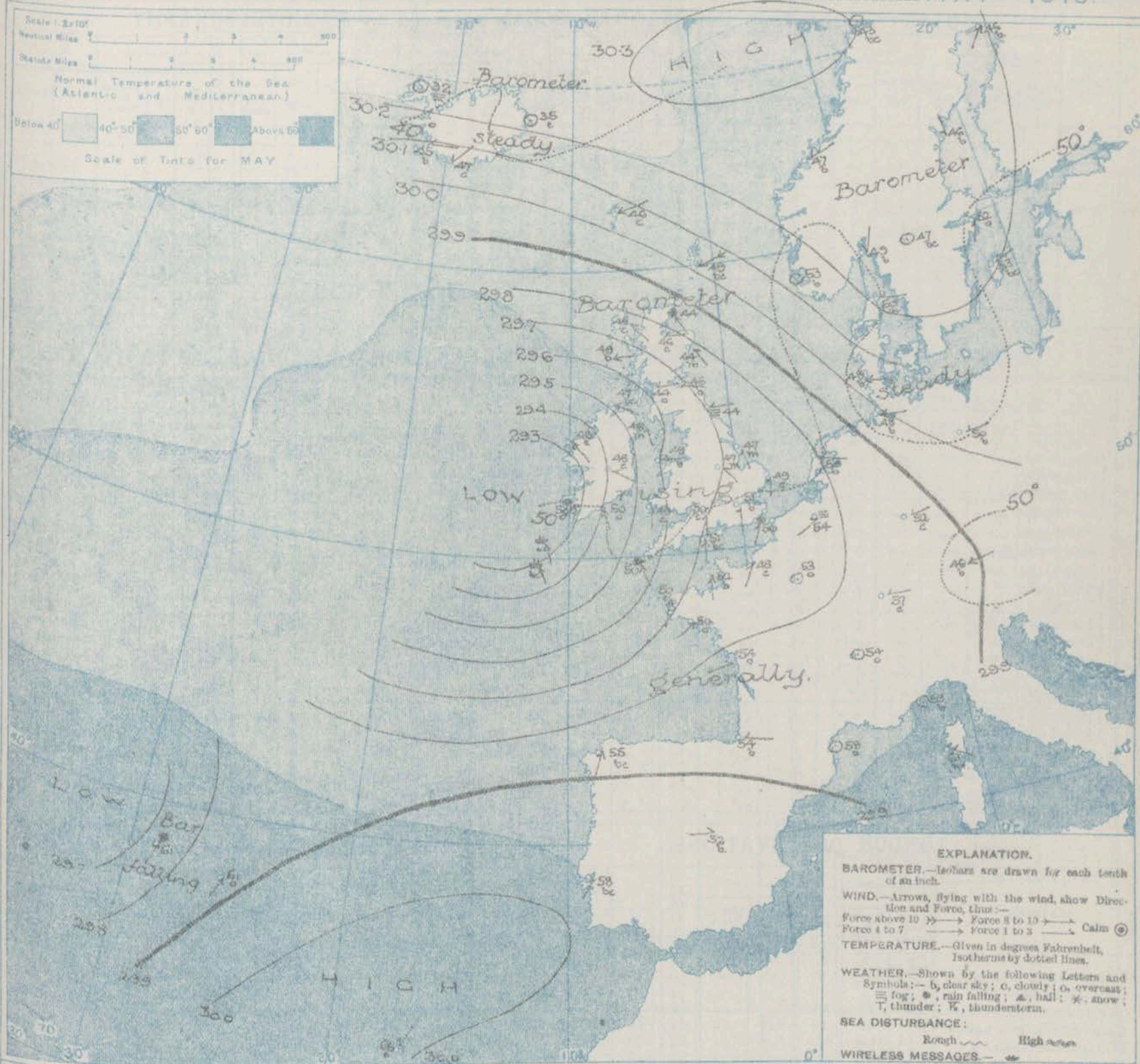
11 WESTERN CHANNEL AND BAY.

South Westerly to South Easterly or Easterly winds, fresh at times; sea moderate to rather rough; fair to cloudy, local showers and mist; moderate temperature.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. SATURDAY, 10TH

MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The central space of the Northern anticyclone has been transferred from near Stockholm to the Arctic Circle, between Norway and Iceland, with the barometer at 30.3 in. In a depression beyond Ireland pressure is below 29.3 in. near the Kerry coast, and in a new disturbance approaching the Azores the barometer has dropped to 29.1 in. The gradient is diminishing round the British Isles.

A moderate to fresh S.W. breeze is reported on the Bay of Biscay, but over the rest of the region under observation the direction is S.E. to E.,

the force very variable, from calms and light airs to fresh or strong winds locally, a strong gale in Shetland. At the same stations temperature ranges from 44° to 81°; on the Continent from 48° at Cuxhaven to 59° at Nice; in Scandinavia from 43° at Rode to 53° at Skudesnæs and Solihy; in Iceland from 32° to 47°. At Spitzbergen the reading is 15°. Fair to fine weather prevails over the greater part of the region under observation, but showers are reported at a few isolated home stations. A high sea is running off the north-east of Scotland, rough between Luncarty and Scilly, rather rough in a few other neighbourhoods.

DAILY WEATHER REPORT.

Saturday, 10th May 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
10th 7 a.m.	50	11	Montreal	0	29.25	00	SSE	6-7	0	9th 6 p.m.	48	19	Lapland	H	29.14	-0.04	NW	6-7	0
" "	49	11	Acacia	0	29.10	-10	SSE	4-5	bc	" 7 a.m.	47	23	Lapland	H	29.39	-15	NW	6-7	bc

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	0.26	52	41	bc, r	cp	3.0	England, S.E.	Margate	0.48	53	50	or	or, bc	0.0
	Stonehaven	0.24	45	43	or	or	0.0		Ramsgate	0.49	53	48	"	"	0.0
	St. Andrews	1.24	47	44	r	r	0.0		Folkestone	0.34	51	49	r, or	r, or	0.0
	Carnoustie	1.60	44	43	"	"	0.0		Littlestone	"	"	"	"	"	1.0
England, N.E.	Harrogate	0.57	50	45	or	or	0.0	England, S.E.	Hastings	0.26	54	49	or	or, bc	1.2
	Scarborough	"	47	43	or	or	0.0		Bexhill-on-Sea	0.13	53	50	"	or, bc	0.0
England, N.W.	Blackpool	0.15	56	42	"	or, c	2.1	England, S.E.	Eastbourne	"	"	"	"	"	0.0
	Southport	0.19	56	42	bc, or	or, bc	1.8		Seaford	0.11	55	48	r, or, bc	bc	0.0
	Buxton	0.03	51	43	"	"	0.7		Brighton	0.09	53	50	or, or	or, c	0.1
	Leamington Spa	0.15	54	46	p	p	0.7		Worthing	0.09	54	49	"	"	0.1
Wales.	Douglas	0.02	52	44	bc, r	bc, bc	5.5	England, S.W.	Littlehampton	0.04	"	"	"	"	0.0
	Rhyl	0.19	57	38	"	"	5.7		Southsea	0.01	56	49	or, c	bc, bc	0.0
	Colwyn Bay	0.09	56	39	bc, bc	bc, bc	5.6		Bournemouth	0.03	56	48	or	or, bc	0.0
	Llandudno	0.09	58	41	bc	bc	5.8	England, S.W.	Weymouth	0.02	56	48	or, or, bc	bc	0.0
England, E.	Bettws-y-Coed	"	58	36	bc, bc	bc, bc	4.9		Teignmouth	0.15	57	48	or, or, bc	bc	0.0
	Aberystwyth	0.05	56	44	r, bc	bc, c	6.5		Torquay	0.10	56	48	"	bc	0.0
	Lowestoft	0.33	52	49	or	or	0.0		Paignton	0.15	57	42	r, bc	bc	0.0
	Felixstowe	0.49	54	50	or	or	0.0		Ilfracombe	0.26	57	43	or, or	bc, bc	0.0
England, E.	Walton-on-Naze	0.45	52	50	or	or	0.0		Weston-super-Mare	0.25	59	43	bc, bc, bc	bc	0.0
	Southend-on-Sea	0.13	54	50	or	p	0.0								

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.)	75	72	57	45	0.04	or, bc	or	or, bc	0.5
City (Bunhill Row)	"	"	"	"	"	"	"	bc	0.0
Westminster (St. James's Pl.)	87	84	56	49	0.02	or	"	bc	0.1
Camden Sq. (Brit. Rainfall)	51	68	58	47	0.04	or, or	or, or	bc, or, c	0.0
Hampstead (Reservoir)	"	69	53	47	0.04	or	or, bc	c	0.1
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.			Mean Rate.		Max. Rate.				
S. Kensington (Roof of M.O.)			668 Joules.		12.6 Milliwatts.		48 Milliwatts.		0.0

Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	
Dublin to 4 p.m.	0.03	55	42	28	bc	0.0
Plymouth to 9 p.m.	0.18	56	46	44	bc	0.0
Darwen	0.27	52	44	41	or	0.0
Manchester	0.03	53	47	"	or, or	0.0
Birmingham	0.07	54	45	37	c	0.0
Oxford to 8 p.m.	"	55	46	42	or, or	0.0
S. Kensington (Museum Grounds to 6 p.m.)	0.01	56	50	47	0	0.0

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

10th & 11th May 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.8	11.49	7.30
	4.6	11.49	7.32
Greenwich	4.19	11.56	7.33
	4.17	11.56	7.35
Wick	4.0	12.8	8.16
	3.57	12.8	8.19
Valencia	4.58	12.37	8.16
	4.56	12.37	8.18

NOTES ON YESTERDAY'S WEATHER.

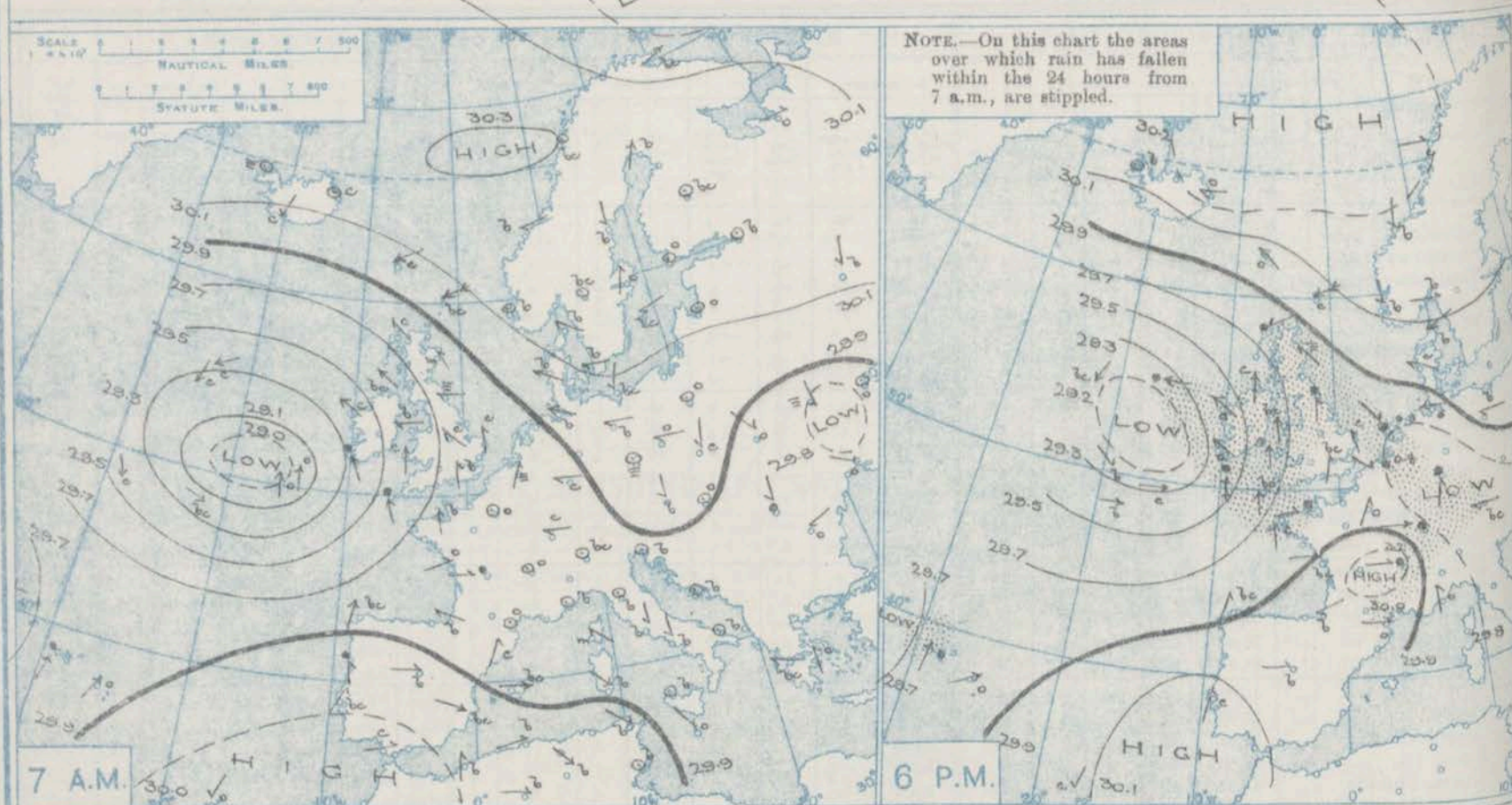
During yesterday temperature was again below 56° in many parts of the British Isles, and did not exceed 44° at Aberdeen and Carnoustie. Rain fell everywhere as a rule in very small quantities, but in the east of Scotland, considerably over an inch in several places. A thunderstorm occurred in the Isle of Man. Bright sunshine was exceedingly variable, none at all in many places, while Scilly registered 11 hours. An Easterly gale to a strong gale was felt between Aberdeen and Skelton. As far west as the 25th meridian ships experienced moderate to strong South Easterly to South Westerly and North Westerly winds, with fair to dull weather.

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

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. 10TH MAY.



GENERAL INFERENCE

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON Sunday TO NOON Monday.

0 {
a
b

1

2 {
a
b

3

4 {
a
b

5

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

6 {
a
b

7 {
a
b

8 {
a
b

9 {
a
b

10 {
a
b

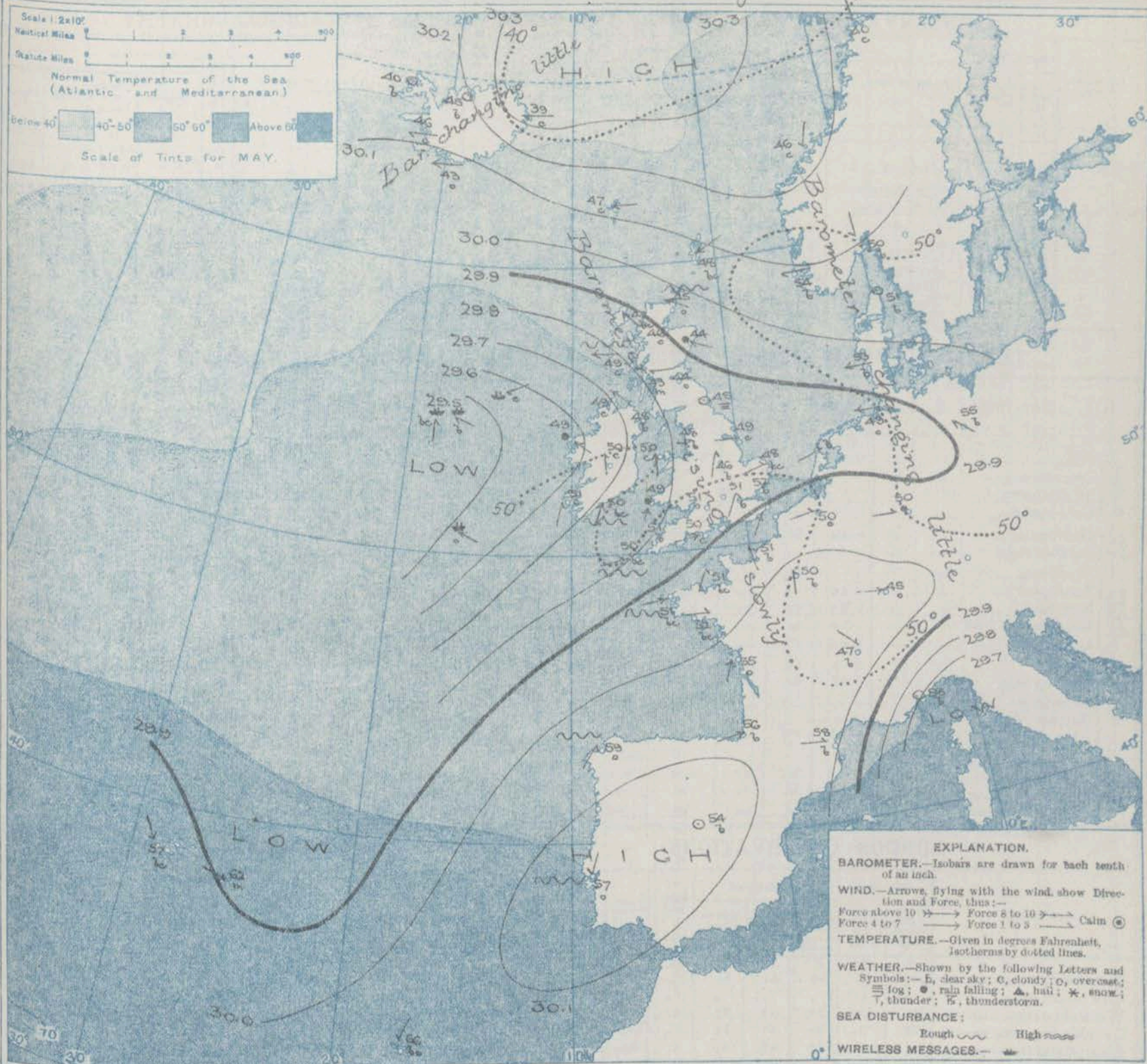
11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

None Issued

None Issued

SYNOPTIC CHART FOR 7 A.M. Sunday, 11th MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.2 in. between Iceland and Norway, and above 30.1 in. over most of the Spanish Peninsula, while it is below 29.5 in. in a depression on the Atlantic, some distance to the westward of Ireland, and relatively low chance across these Islands to Germany.

The wind is mainly South-Westerly in France, England and the south of Ireland, Easterly in the north of Ireland, over Scotland and thence to Iceland. In nearly all localities the force is light to moderate, but a strong breeze is blowing on the coast of Shetland,

and a high wind on the south-west coast of Iceland. Temperature has fallen in several parts of the Continent, changed little in this country. Readings of about 50° are reported at many of our southern stations, but in the north they decrease to 44° at Aberdeen and 43° at Glasgow. Rain is falling at Blacksod Point, Pembroke and Aberdeen; fog prevails at North Shields, and much cloud covers Scotland, but over the greater part of England and Ireland the weather is fair. Fair to fine weather is also general in most continental regions; rain is, however, falling at Frankfurt and Munich.

DAILY WEATHER REPORT.

Sunday, 11th May, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
11th, 7 a.m.	55°	13	<i>Junian</i>	H	29.52	+0.1	ENE	1-3	c	10th, 1 p.m.	51°	12	<i>Barmenia</i>	H	29.11	+0.8	S	8-9	c
" "	49	12	<i>Minnewaska</i>	H	29.74	+0.4	SW	4-5	b	" 7 a.m.	50	15	<i>Adriatic</i>	H	28.97	+0.6	S	4-5	o
10th, 6 p.m.	54	21	<i>Lake Manitoba</i>	H	29.22	0.0	NE	6-7	bc.	" "	51	14	<i>Montreal</i>	O	28.98	-0.4	S	6-7	o
" "	50	18	<i>Adriatic</i>	O	29.25	+0.15	NW	1-3	b	" "	50	11	<i>Ascama</i>	O	29.25	0.0	SSE	6-7	o
" "	48	17	<i>Minnewaska</i>	H	29.45	+0.7	W	4-5	b	" "	49	11	<i>Ascama</i>	O	29.10	-0.10	SSE	4-5	bc
" "	55	16	<i>Junian</i>	H	29.25	0.0	E	6-7	t	" "	48	27	<i>Oceanic</i>	O	29.47	+0.8	NNW	4-5	c
" "	49	14	<i>Ascama</i>	O	29.31	+0.26	W	6-7	c	" "	50	23	<i>Lake Manitoba</i>	H	29.19	-0.3	NE	6-7	c
" "	50	13	<i>Montreal</i>	O	29.17	+0.4	WSW	6-7	c	" "	55	22	<i>Junian</i>	H	29.31	+0.2	ENE	6-7	c
" "	51	9	<i>Barmenia</i>	H	29.22	+0.8	S	8-9	t	" "	48	21	<i>Minnewaska</i>	H	29.20	+0.1	WNW	6-7	bc

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	0.10	57	42	bc. b	t. c.	5.3	England, S.E.	Margate	0.12	54	48	of. o	o. bc. b.	0.0
	Stonehaven	...	...	...	...	...	...		Ramsgate	...	57	47	bc.	bc.	0.0
	St. Andrews	...	...	...	...	...	...		Folkestone	...	52	49	bc.	bc.	0.0
	Carnoustie	0.20	48	43	...	...	1.1		Littlestone	...	...	...	...	...	0.0
England, N.W.	Harrogate	0.04	58	41	m. cp. bc.	b	5.2	England, S.W.	Hastings	0.12	54	48	of. o	o. bc. b.	1.7
	Scarborough	...	...	...	...	...	...		Bexhill-on-Sea	0.09	56	49	c	c. bc. b.	2.6
	Blackpool	...	59	41	ct	c.	8.0		Eastbourne	0.12	54	46	bc. o.	bc. b.	5.1
	Southport	0.02	60	46	bc. o.	o. bc. r.	6.7		Seaford	0.10	58	48	bc. o.	bc. b.	10.0
Wales.	Buxton	0.07	55	35	bc. r	bc. tl	6.3	England, S.W.	Brighton	0.12	55	49	bc. o. bc.	bc. b.	12.6
	Leamington Spa	0.18	59	46	bc	p. bc.	9.5		Worthing	0.14	58	48	b	b	13.1
	Douglas	0.06	52	44	b. bc.	b. d.	7.0		Littlehampton	0.11	...	...	...	...	...
	Rhyl	0.15	58	40	bc	t. bc.	8.6		Southsea	...	...	...	...	...	10.3
England, E.	Colwyn Bay	0.05	54	40	o.	bc.	2.0	England, S.W.	Bournemouth	...	58	48	b	b	11.9
	Llandudno	...	...	...	...	...	...		Weymouth	...	58	48	b	b	8.3
	Bettws-y-Coed	...	...	...	...	...	...		Teignmouth	0.11	58	46	o. bc.	bc.	...
	Aberystwyth	0.03	57	45	c. bc.	c. b. r.	7.5		Torquay	...	...	...	...	...	9.4
England, E.	Lowestoft	...	54	50	c. o.	c. o.	0.0	England, S.W.	Paignton	0.06	58	43	t. bc. b.	b.	10.5
	Felixstowe	...	54	50	o	o	0.0		Ilfracombe	0.18	60	47	bc	bc	...
	Walton-on-Naze	...	54	49	bc	bc	0.1		Weston-super-Mare	...	...	...	...	...	...

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.	STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.			
	3 p.m. Yester- day.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.					
			Max.	Min.														Max.		Min.		
			24 HOURS ENDED 9 A.M. TO-DAY.																			
Greenwich (Royal Obs.) ...	%	%	F.°	F.°	F.°	In.				Hr.	In.	F.°	F.°	F.°				Hr.				
City (Bunhill Row) ...	57	73	63	41	30	~	c. bc. b.	b. bc.	bc. cl.	7.1	0.01	57	46	41	bc. o.	bc.	c. o.	7.4				
Westminster (St. James's Pk.)	*	*	*	*	*	*	*	*	*	5.9	0.06	56	48	43	cl. b.	bc.	bc. bc.	6.6				
Camden Sq. (Brit. Rainfall)	71	86	61	43	37	-	bc.	bc.	b. bc.	7.3	0.04	57	41	41	o. cl. b.	bc.	bc. bc.	8.3				
Hampstead (Reservoir) ...	55	71	64	41	37	-	bc. o. bc.	bc. o. bc.	b	7.0	0.25	60	43	*	o. cl. c.	bc.	o. cl. bc.	8.3				
Kew. (See front page.)	*	74	59	45	30	-	bc. b.	bc.	bc. c. bc.	6.8	0.04	59	43	28	cl. r.	c. bc. b.	b.	8.3				
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																						
Total.			Mean Rate.			Max. Rate.																
S. Kensington (Roof of M.O.)	62	80	1670 Joules.			30.5 Milli-watts.			76 Milli-watts.			7.0	S. Kensington (Museum Grounds to 6 p.m.)			0.02	61	48	40	b. bc. c.	c. o.	o. cl. bc.

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

11th & 12th May, 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.6 4.4	G.M.T. 11.49 11.49	G.M.T. 7.32 7.34
Greenwich	4.17 4.15	11.56 11.56	7.35 7.37
Wick	3.57 3.54	12.8 12.8	8.19 8.22
Valencia	4.56 4.55	12.37 12.37	8.18 8.20

NOTES ON YESTERDAY'S WEATHER.

The maximum temperature during yesterday was as high as 60° at some English stations, but only 45° at Wick and Aberdeen, and 52° at Dover. Rain has fallen in most parts of the Kingdom, and thunderstorms have been experienced at some places in the north and north-west of England. Along the north-east and east coasts of Great Britain there was little or no bright sunshine, but at most stations in the South and West the figure was considerable or large; more than 12 hours at Worthing and Littlehampton. According to wireless reports a cyclonic circulation of moderate to strong winds prevailed on the Atlantic between the Irish coast and the 21st meridian.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday
12th May, 1913.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.			
	At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Force (0 to 12).	Dirac.			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dirac.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'o. 1 p.m. to 6 p.m.	
Lerwick	30.14	48	ENE	4	b	30.19	+0.1	47	-1	N	2	bc	1	-	53	41	bc	b	m.b.c	Hours	
Stornoway	29.93	50	SE	5	bc	30.06	+0.2	48	+1	ESE	3	b	3	-	52	45	bc, q	a. b. q. b	c. b	2.4	
Castlebay (Barra Isd.)	29.83	52	E	4	om	30.00	+0.2	49	0	E	4	bc	1	-	56	46	bc	bc, om	m. o. b	9.7	
Glasgow	29.92	46	E	3	c	30.02	+0.3	42	-1	E	4	o	0	0.12	50	42	o. c. o	dr. c	o. g. m	1.1	
Malin Head	29.79	54	E	2	bc	29.90	+0.1	46	-3	ESE	4	mq	3	0.01	57	45	cpq	bc, m	mq	5	
Blacksod Point	29.73	53	SSW	4	bc	29.73	0	49	0	ESE	6	r	4	0.16	49	47	om	bc, m	bc	5	
Valencia	29.71	50	SSE	5	p	29.56	+0.6	52	+1	NW	1	o	3	0.19	57	48	cp	bc, p	om	5.0	
Roche's Point	29.81	51	S	4	o	29.60	0	50	0	SE	4	o	5	0.35	55	49	bc, m	bc, m	r. om	5	
Birr Castle	29.76	57	SE	2	c	29.64	0	48	-2	E	3	r	4	0.12	61	47	c	cp	c. o. r	5.3	
Donaghadee	29.85	53	S	2	b	29.89	0	47	-1	ESE	4	c	4	-	54	47	bc	bc	om	5	
Liverpool Obsy.	29.92	55	W	1	bc	29.90	0	50	+2	ESE	3	o	2	0.12	60	47	bc	bc, p	bc	6.2	
Holyhead	29.89	52	SSW	4	bm	29.82	0	50	0	E	4	om	3	0.01	56	46	a. bc, m	bc, m	bc, c	8.8	
Pembroke (St. Ann's Hd.)	29.91	50	S	3	bc	29.69	-0.5	48	-1	SE	6	cpq, m	5	0.10	53	47	cpq	bc, m	bc, m	1.0	
Newquay	29.91	53	SSE	3	o	29.66	-0.2	52	+1	S	1	or	3	0.33	57	47	b	b. bc, c	o. p. r	10.2	
Scilly (St. Mary's)	29.86	52	S	3	om	29.63	-0.2	51	+1	S	3	cm	4	0.21	56	47	cm	om	om	5.6	
Jersey (St. Aubin)	30.02	57	WNW	3	cm	29.87	0	51	0	SE	4	or	4	0.25	59	51	bc	bc, c	c. o. r	8.9	
Portland Bill	29.97	52	SW	3	bc	29.83	-0.5	50	0	SE	6	r	5	0.13	54	49	bc	bc	bc, c. r	5	
Dungeness	29.99	53	SW	4	bc	29.99	0	52	0	SE	3	c	3	-	57	48	bc	bc	bc, c	5	
Dover	30.00	52	SSW	3	b	30.01	0	51	-1	SE	2	bc	2	-	58	46	b. bc	b	b. o. c	13.1	
Wick	30.05	45	ESE	4	o	30.13	+0.3	46	+1	NE	2	c	3	0.02	46	44	om	om, p	o. m	5	
Nairn	29.96	49	ESE	2	c	30.09	0	45	-1	0	0	bc	1	0.14	50	37	g. r	d. c	g. bc	0.0	
Aberdeen	30.03	45	E	3	o	30.12	+0.2	47	+3	NE	1	b	2	0.18	47	42	or	or	o. p. b	0.0	
Leith	29.93	46	ENE	2	o	30.04	+0.2	45	+1	ENE	2	oy	1	Trace	47	38	om	ap	o	5	
North Shields	29.95	47	ENE	1	c	30.04	+0.2	43	-2	ENE	1	fe	3	-	51	40	f	c	f	2.7	
Spurn Head	29.90	54	S	4	c	29.99	+0.2	51	+2	S	2	bw	3	Trace	57	47	c	c	cb, c	9.9	
Yarmouth	29.97	55	SSE	2	bc	30.03	+0.2	49	+1	SSE	1	o	2	0.02	60	47	bc	bc, p	b. f. o	8.0	
Clacton-on-Sea	29.96	55	SSE	3	bc	30.02	0	52	0	SSE	3	c	2	0.03	59	48	bc	bc, p	bc, c	11.2	
Nottingham	29.92	60	SW	2	c	29.96	0	49	+3	E	2	c	0	-	62	42	b. bc	bc, c	c. b	10.0	
Bath	29.95	54	SSW	1	b	29.88	0	50	-1	ESE	4	r	0	0.08	61	47	-	-	-	2.6	
London (Kew Obsy.)	29.98	58	WNW	2	bc	29.97	-0.2	51	0	E	3	om	0	0.04	62	44	bc, m	cp, bc	bc, b	7.0	
Spitzbergen	30.17	17	SE	2	c	30.26	+0.4	13	+5	0	0	b	0	-	18	3	bc	bc	bc	5	
Isafjord	30.16	54	E	2	b	30.29	+0.2	41	+1	0	0	b	0	-	5	5	bc	bc	bc	5	
Reykjavik	30.16	55	SE	5	c	30.31	+0.1	43	-3	ESE	1	c	0	-	5	5	bc	bc	bc	5	
Vestmanna	30.13	45	E	9	o	30.20	+0.1	42	-1	E	9	o	7	-	5	5	bc	bc	bc	5	
Seydisfjord	30.35	45	E	3	o	30.41	+0.1	38	-1	E	2	o	0	-	5	5	bc	bc	bc	5	
Thorsbavn	30.19	46	ENE	4	o	30.27	+0.1	45	-2	ENE	4	o	0	-	5	5	bc	bc	bc	5	
Haparanda	30.13	39	MNW	6	b	30.18	+0.2	36	0	N	4	b	0	-	48	30	bc	bc	bc	5	
Hernösand	30.14	44	N	11	b	30.26	+0.2	44	0	N	2	b	0	-	57	36	bc	bc	bc	5	
Stockholm	30.04	49	0	0	b	30.12	+0.8	50	0	E	6	b	0	-	61	41	bc	bc	bc	5	
Wisby	30.02	43	MNE	2	b	30.09	+0.2	48	0	0	0	b	0	-	54	39	bc	bc	bc	5	
Karlstad	30.05	53	0	0	b	30.14	+0.4	53	0	MNE	4	b	0	-	66	37	bc	bc	bc	5	
Færdø (Ålania Fjord)	30.06	54	WSW	2	b	30.15	+0.3	53	+3	MNE	4	b	2	-	57	48	bc	bc	bc	5	
Bodø	30.56	39	MNE	2	b	30.28	-0.3	38	-2	W	2	b	2	-	43	26	bc	bc	bc	5	
Christiansund	30.23	46	N	4	b	30.27	+0.1	44	-2	NE	3	b	3	-	50	41	bc	bc	bc	5	
Skudesnaes	30.10	50	0	0	b	30.14	+0.2	52	-2	0	0	b	2	-	52	46	bc	bc	bc	5	
The Scaw (Skagen)	30.06	52	MNW	2	o	30.13	+0.1	54	+3	WNW	2	b	0	-	59	41	bc	bc	bc	5	
Blaavands Huk	30.02	50	SE	2	bc	30.14	+0.4	48	-5	SSW	2	o	2	-	63	41	bc	bc	bc	5	
Cuxhaven	30.01	48	W	2	o	30.13	+0.3	50	+1	E	2	b	0	0.12	52	45	bc	bc	bc	5	
The Helder	30.02	51	SW	1	b	30.10	+0.3	52	0	SSE	1	b	0	-	54	37	bc	bc	bc	5	
Brussels	30.04	54	NE	1	o	30.06	+0.1	57	+7	SSW	2	c	0	0.04	64	46	bc	bc	bc	5	
Berlin	29.98	57	NE	3	c	30.12	+0.1	52	-3	N	1	c	0	-	66	45	bc	bc	bc	5	
Frankfurt	30.06	54	0	0	o	30.14	+0.4	52	+2	0	0	bc	0	0.08	54	46	bc	bc	bc	5	
Munich	30.10	54	W	4	r	30.14	+0.3	45	-1	W	3	r	0	0.63	46	43	bc	bc	bc	5	
C. Gris Nez	30.03	53	SW	4	b	30.02	-0.1	53	0	SE	4	bc	2	-	57	46	bc	bc	bc	5	
La Hève	30.06	58	0	0	bc	29.97	0	50	-1	ESE	4	r	3	0.04	69	46	bc	bc	bc	5	
Brest (St. Mathieu)	30.01	54	S	3	r	29.80	-0.1	50	-1	SSW	4	o	3	0.24	57	48	bc	bc	bc	5	
Lorient (Rec Molen)	30.04	54	S	3	o	?	0	55	+3	S	5	r	4	0.51	59	48	bc	bc	bc	5	
Rochefort (Île d'Als)	30.12	57	MW	2	o	30.01	-0.2	54	-1	S	3	r	0	0.12	61	52	bc	bc	bc	5	
Blairitz	30.11	64	0	0	o	29.99	-0.2	60	+4	ESE	3	o	2	-	68	54	bc	bc	bc	5	
Paris	30.06	54	S	3	c	30.06	-0.1	51	+1	SSE	1	bc	0	0.04	63	43	bc	bc	bc	5	
Belfort	30.12	54	W	2	c	30.16	0	46	+1	0	0	m	0	-	59	39	bc	bc	bc	5	
Lyons	30.08	60	0	0	bc	30.12	0	52	+5	0	0	b	0	-	64	43	bc	bc	bc	5	
Nice	29.81	62	0	0	b	29.96	+0.5	62	+4	0	0	bc	0	-	64	50	bc	bc	bc	5	
Perpignan	30.																				

GALES.

Duration and Extreme Force
on British Coast.

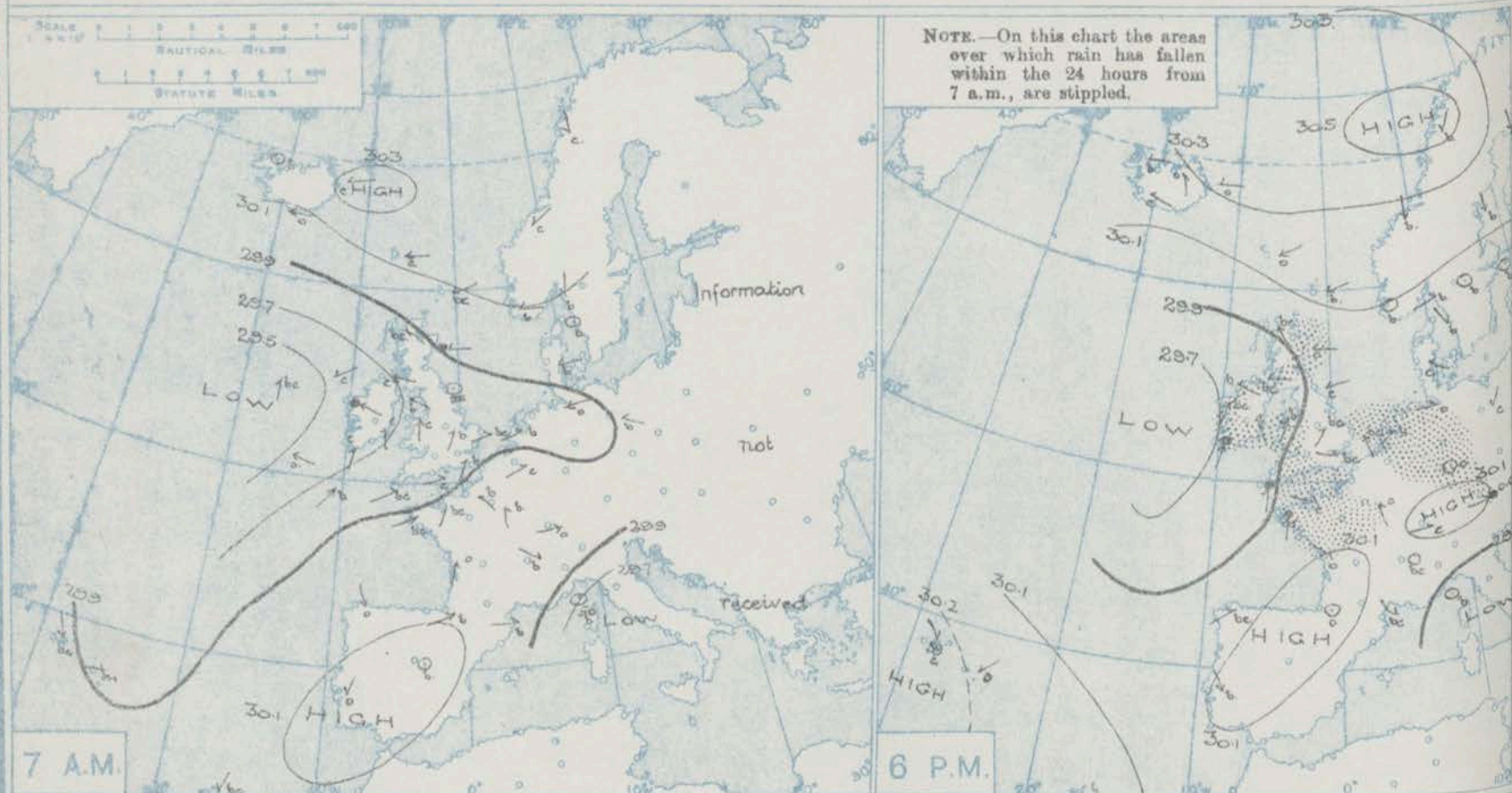
Roche's Point.

11 p.m. Extreme SSE. 8

* Information for these columns not usually received.

† Received too late for insertion in Charts.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 11TH MAY.



GENERAL INFERENCE

The depression over the South-west of Ireland appears likely to move or extend in an Easterly or south-easterly direction, and to cause

WEATHER PROSPECTS.

rain in many places over the Southern half of the Kingdom, with freshening winds from between East and South-East.

FORECASTS FOR THE 24 HOURS NOON

- 0 {
a } Wind mainly Easterly,
b } light or moderate; generally
1 } fair; temperature low.

- 2 {
a }
b } Wind Easterly or South-
3 } Easterly, increasing somewhat;
much cloud, some rain;
4 {
a } temperature below the normal
b } during day.
5 }

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday.

South Coast.

North Coast.

Signals hoisted this morning.

South Coast.

North Coast.

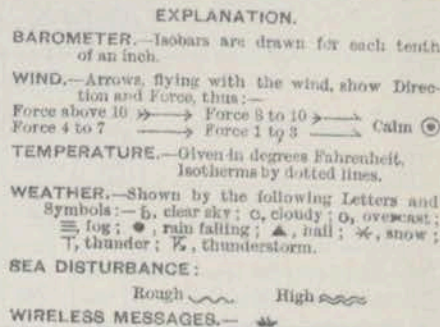
TO NOON

- 6 {
a } Easterly winds, light or
b } moderate; mostly fair; moderate
or rather low temperature.
- 7 {
a }
b } Wind between South-East and
East or North-East, fresh or strong
at times locally; much cloud,
some rain; day temperature low.
- 8 {
a }
b }
- 9 {
a }
b } Wind mainly between East
and North-East, moderate to fresh
or strong; mostly overcast, rain
at times; day temperature low.
- 10 {
a }
b }

11 WESTERN CHANNEL AND BAY. Southern and South-Easterly winds, light to fresh or strong; sea moderate; overcast, some rain and mist.

THE FURTHER OUTLOOK.

MAY 1913



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The wind over the United Kingdom is between East and South-East, light or moderate generally, but fresh or strong on some parts of our Southern and western coasts. On the Continent it is chiefly Southerly over France and Northerly over Scandinavia. On the southwest coast of Ireland an Easterly gale prevails. Temperature has

undergone little change, and ranges over these islands from 52° at Valencia, Newquay, Bingen and Clacton-on-Sea to 42° at Glasgow. Rain is falling at many stations in Ireland, Wales, the Southwest of England and the north and west of France, as well as at Munich, and a good deal of cloud prevails in the South of Scotland and the south-east of England. Snow is falling at Bodö, but over Scandinavia generally the weather is bright, and fair conditions are reported from several other parts of the Continent.

DAILY WEATHER REPORT.

Monday, 12th May, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	C = Outward, H = Homeward	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	C = 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 Jan.	55	11	Tunisian	H	29.97	+0.2	E	4-5	c	11th Jan.	54	18	Virginian	O	29.46	-0.2	SSW	1-3	bc
11th 6pm	55	9	do.	H	29.71	+0.6	SE	1-3	b	-	51	16	Montreal	O	29.51	+0.4	ESE	4-5	a
12th Jan.	49	12	Munichaha	O	29.61	+1.2	NW	6-7	c										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.	F.	F.			Hr.	(Margate)	In.	F.	F.			Hr.
Oban ... ..	...	...	...	...	...	...	Ramsgate ... ..	...	...	...	...	...	...
Stonehaven ... ..	...	...	...	...	...	...	Folkestone ... ..	...	...	...	...	...	...
St. Andrews ... ..	...	...	...	...	...	...	Littlestone ... ..	...	...	...	...	...	...
Carnoustie	0.09	45	43	*	*	0.0	Hastings ... ..	...	...	...	...	...	...
England, N.E.							Bexhill-on-Sea ... ..	...	...	...	...	...	...
Harrogate	0.10	60	38	b. bc	bc. cp	6.7	Eastbourne ... ..	...	...	...	...	...	...
Scarborough	*	53	44	c. b	c. b	6.5	Seaford ... ..	...	...	...	...	...	...
England, N.W.							Brighton ... ..	...	...	...	...	...	...
Blackpool ... ..	...	59	43	c. bc	c	7.5	Worthing ... ..	...	...	...	...	...	...
Southport ... ..	...	60	42	c. bc	bc. c. bc	7.0	Littlehampton ... ..	...	...	...	...	...	...
Buxton	0.05	58	38	b. cr.	b. bc	...	Southsea ... ..	...	...	...	...	...	...
Leamington Spa	0.09	62	41	b	b	6.0	Bournemouth	0.03	59	49	b	b	10.0
Douglas ... ..	...	54	45	bc	b	6.6	England, S.E.						
Wales.							(Margate)	In.	F.	F.			Hr.
Rhyl	0.04	60	44	b	b	8.6	Ramsgate ... ..	...	...	...	...	...	...
Colwyn Bay ... ..	...	58	41	bc	bc. b	7.2	Folkestone ... ..	...	...	...	...	...	...
Llandudno	0.01	58	46	c. b	b	5.5	Littlestone ... ..	...	...	...	...	...	...
Bettws-y-Coed ... ..	...	...	...	...	...	...	Hastings ... ..	...	...	...	...	...	...
Aberystwyth	0.06	56	48	bcp	b. p	6.3	Bexhill-on-Sea ... ..	...	...	...	...	...	...
England, E.							Eastbourne ... ..	...	...	...	...	...	...
Lowestoft	0.02	60	47	c. bc. c	c. bc. c	9.7	Seaford ... ..	...	...	...	...	...	...
Felixstowe ... ..	...	59	44	b	b. c	11.0	Brighton ... ..	...	...	...	...	...	...
Walton-on-Naze	0.02	56	43	d. m	bc. r. b	11.6	Worthing ... ..	...	...	...	...	...	...
Southend-on-Sea ... ..	...	65	46	b	b	11.5	Littlehampton ... ..	...	...	...	...	...	...
							Southsea ... ..	...	...	...	...	...	...
							Bournemouth	0.03	59	49	b	b	10.0
							England, S.W.						
							(Weymouth)	0.01	59	49	bc. b	b	9.0
							Teignmouth	0.11	62	48	p. c. b	b	9.7
							Torquay	0.04	60	48	b	b	9.5
							Paignton	0.07	60	48	bc. b	b	10.1
							Ilfracombe	0.10	57	47	c. bc. b	b. bc. c	8.6
							Weston-super-Mare	0.01	59	48	b. bcp b	b. p. bc. b	6.0

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.			Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.		Forenoon.	Afternoon.	Night.	
Greenwich (Royal Obey.) ...	61	71	65	43	31	0.03	b. bcp	cp. o	0.6.0
City (Rush Hill Row) ...	*	*	*	*	*	*	*	*	*
Westminster (St. James's Pk.)	*	*	*	*	*	*	*	*	*
Camden Sq. (Brit. Rainfall)	...	65	65	45	40	0.02	bc. cp	cp. b	bc. m
Hampstead (Reservoir) ...	*	70	60	44	35	0.09	bcp	bcp	bc. o
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.									
Total.			Mean Rate.		Max. Rate.				
S. Kensington (Roof of M.O.)			Joules.		Milliwatts.		Milliwatts.		
...			77		7.3		7.3		

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

12th May 1913.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.4	11.45	7.24
Greenwich	4.15	11.56	7.37
Wick	3.54	12.8	8.22
Valencia	4.54	12.37	8.20
	4.52	12.37	8.22

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 60° or a little higher in many parts of England, but remained below 50° in the east of Scotland. Rain has fallen in nearly all localities, as much as 0.5 in. at Aberdeen. In the east of Scotland the day was dull, but elsewhere there was much bright sunshine; more than 12 hours at some stations on the coast of Kent.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

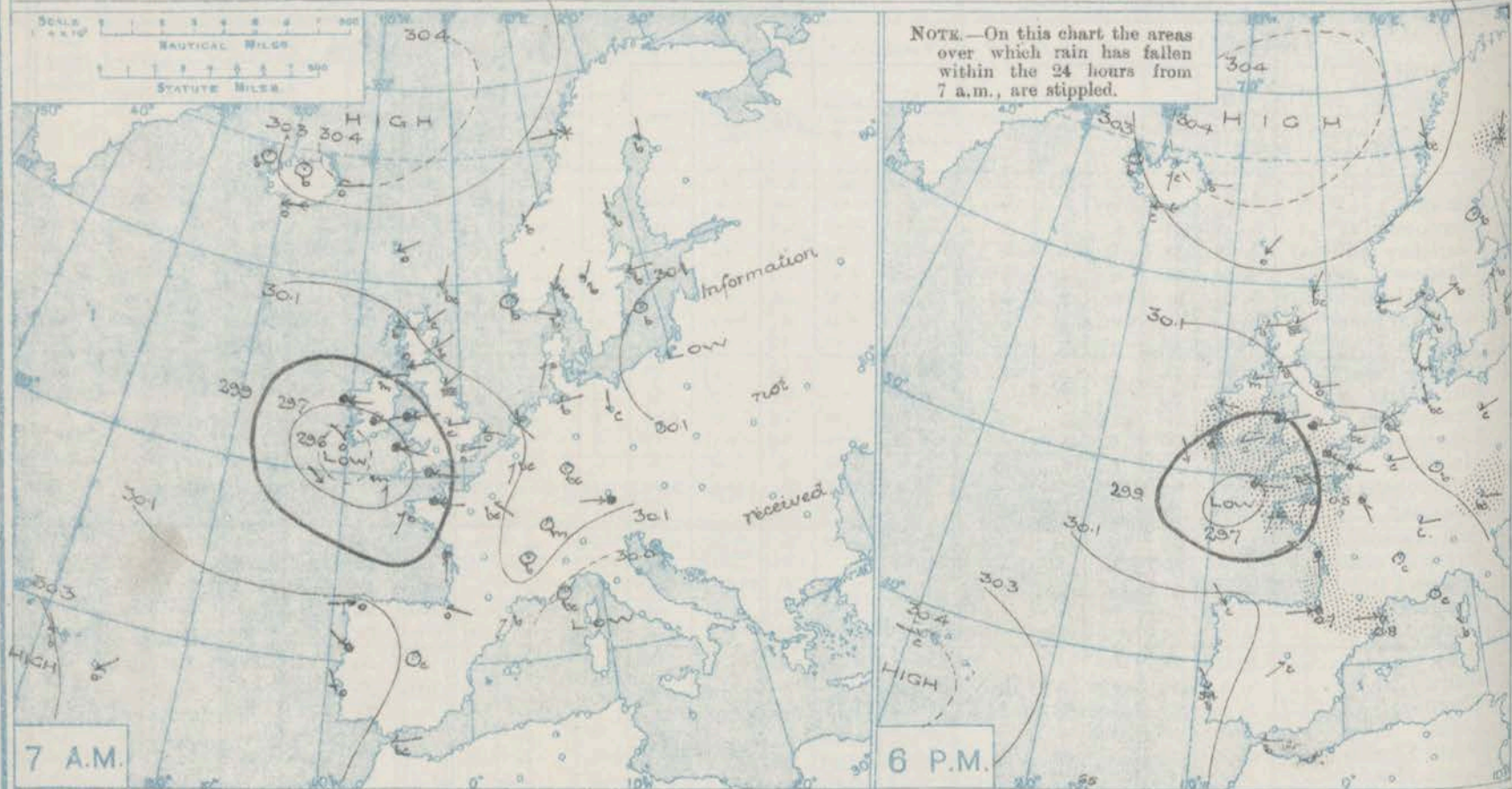
Tuesday,
13th May, 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.			TEMP.			WIND.			Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.							
	At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).					Weather.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.				
	At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.						
Lerwick	30.25	47	NNE	5	bc	30.30	+0.3	45	-2	NNE	3	c	3	-	50	44	bc	bc	c.c	Hours			
Stornoway	30.12	55	E	3	b	30.26	+0.3	45	-3	NE	2	bc	2	-	60	41	b	b	b.beg	13.8			
Castlebay (Barra Isd.)	30.07	60	NE	2	b	30.25	+0.5	53	+4	-	0	o	1	-	61	49	bc	bc	bc.b	12.0			
Glasgow	30.09	52	E	3	b	30.27	+0.4	43	+1	ENE	1	o	2	-	55	42	c.bc	b	b.og	6.5			
Malin Head... ..	30.01	51	E	3	m	30.20	+0.3	48	+2	ENE	2	m	2	-	52	45	bc.m	om	om	*			
Blackod Point ...	29.94	54	ESE	3	o	30.18	+0.5	51	+2	NE	2	o	3	-	51	47	om	om	om	*			
Valencia	29.87	52	NNE	2	op	30.15	+0.8	53	+1	NNE	1	bc.m	3	-	57	47	om	op	bc.p	0.2			
Roche's Point ...	29.83	55	E	3	c	30.14	*	52	+2	E	2	b	2	-	56	48	om	o	bc.b	*			
Birr Castle	29.87	53	E	2	c	30.15	*	51	+3	E	2	c	2	-	53	48	ed	c.c	c	0.0			
Donaghadee	29.98	51	ESE	4	op	30.20	+0.4	47	0	ENE	2	c	2	-	52	47	cy	om	om	*			
Liverpool Obsy... ..	29.95	55	E	4	o	30.16	+0.4	51	+1	E	3	o	1	-	54	50	c.oe	c.o	o	0.1			
Holyhead	29.89	53	E	5	ctm	30.10	+0.5	50	0	E	4	cm	2	-	51	49	om	om	c.f.o	0.0			
Pembroke (St. Ann's Hd.)	29.81	50	ESE	2	c	30.08	+0.6	51	+6	NNE	2	bc	2	-	55	46	gm	cpm	c	0.8			
New Quay	29.73	52	SE	4	c	30.02	+0.5	52	0	NE	2	og	4	-	57	49	c.b	bc.p	bc.og	5.0			
Scilly (St. Mary's) ...	29.62	50	ESE	4	om	30.00	+0.8	51	0	ENE	2	cm	4	-	55	48	ctm	ctm	om	4.1			
Jersey (St. Aubin) ...	29.86	54	SW	3	og	29.95	*	50	-1	ESE	3	om	3	-	58	50	om	og	om	0.3			
Portland Bill	29.86	51	SSE	2	bc	29.99	+0.3	51	+1	NE	3	o	4	-	52	49	or	bc	bc.og	*			
Dungeness	29.96	54	SE	3	r	30.02	+0.3	52	0	NE	4	p	2	-	58	51	c	c.og	og	*			
Dover	29.98	55	SE	1	r	30.06	*	53	+2	ENE	2	c	2	-	59	52	o.bcc	up	p.c	2.0			
Wick	30.19	45	NE	1	f	30.27	+0.1	42	-4	-	0	c	2	-	50	44	c.beg	f	o.c.m	*			
Nairn	30.12	55	ENE	2	bc	30.28	*	41	-4	-	0	o	1	-	56	39	cy.b	bc	bc.og	11.8			
Aberdeen	30.17	51	ENE	2	b	30.29	+0.3	46	-1	-	0	b	2	-	53	37	b	b	bc	13.3			
Leith	30.11	48	ENE	3	b	30.26	+0.4	45	0	ENE	1	og	2	-	50	44	o.c.b	b	b	*			
North Shields	30.11	45	E	3	o	30.28	+0.4	42	-1	ENE	1	fe	3	-	48	40	f	o	f	0.0			
Spurn Head	30.03	51	E	5	c	30.17	+0.5	52	+1	ENE	3	bcw	3	-	56	47	bc	bc	bc	11.5			
Yarmouth	30.03	53	E	2	bc	30.14	+0.5	53	+4	E	3	bc	3	-	57	49	o.b	bc	bc	4.5			
Clacton-on-Sea	29.99	55	SE	2	o	30.08	+0.3	54	+2	ENE	3	c	2	-	56	51	c.o	og	og	2.1			
Nottingham... ..	29.97	56	E	3	r	30.14	*	50	+1	NE	4	c	2	-	60	48	c	or	7.0	1.0			
Bath	29.89	53	ESE	1	o	30.08	*	55	+5	E	2	o	2	-	56	50	*	*	*	0.0			
London (Kew Obsy.)...	29.96	55	SE	3	r	30.01	+0.4	55	+4	NE	3	om	2	-	59	51	om	or	or	0.0			
Spitzbergen	30.25	13	-	0	b	30.29	+0.2	6	-7	SE	2	b	2	-	16	-4	*	*	*				
Isafjord... ..	30.26	51	-	0	b	30.37	+0.3	40	-1	-	0	c	2	-	*	*	*	*	*				
Reykjavik	30.29	50	E	3	c	30.34	+0.4	45	+2	E	3	c	2	-	*	*	*	*	*				
Vestmanna	30.26	46	E	9	c	30.34	+0.2	44	+2	E	4	c	2	-	*	*	*	*	*				
Seydisfjord	30.43	45	E	3	o	30.45	+0.1	41	+3	-	0	c	2	-	*	*	*	*	*				
Thorshavn	30.35	47	ENE	4	o	30.39	+0.1	46	+1	ENE	2	c	2	-	*	*	*	*	*				
Haparanda	30.12	34	NE	4	a	30.28	+0.6	35	-1	N	6	b	2	-	41	28	*	*	*				
Hernösand	30.20	39	-	0	b	30.32	+0.2	42	-2	N	4	b	2	-	50	34	*	*	*				
Stockholm	30.17	45	S	2	b	30.19	+0.1	45	-5	NNW	4	b	2	-	51	37	*	*	*				
Wisby	30.19	42	NE	2	b	30.24	+0.4	44	-1	NNW	2	b	2	-	55	36	*	*	*				
Karlstad	30.13	54	SW	2	b	30.28	+0.2	50	-3	NE	4	b	2	-	68	41	*	*	*				
Færd (X'ania Fjord)	30.13	55	WSW	4	b	30.26	+0.4	51	-2	NE	4	b	2	-	63	50	*	*	*				
Bodö	30.32	37	N	4	bc	30.38	+0.3	37	-1	W	2	c	2	-	41	32	*	*	*				
Christiansund	30.30	44	NNE	4	b	30.36	+0.1	44	0	N	2	b	2	-	48	39	*	*	*				
Skudesnaes	30.20	55	E	1	b	30.29	+0.2	45	-7	SE	2	f	1	-	55	41	*	*	*				
The Scaw (Skagen)... ..	30.17	50	NW	2	b	30.22	+0.3	53	-1	WNW	3	b	0	-	63	45	*	*	*				
Hlaavands Huk	30.20	47	NNE	1	m	30.29	+0.2	56	+8	ENE	1	m	1	-	57	44	*	*	*				
Cuxhaven	30.15	53	N	2	bc	30.21	+0.2	56	+6	E	2	b	0	-	57	50	*	*	*				
The Helder	30.10	57	ENE	3	b	30.19	+0.1	53	+1	ENE	2	b	1	-	63	52	*	*	*				
Brussels	30.02	57	E	3	c	30.09	+0.3	56	-1	ENE	1	b	2	-	67	48	*	*	*				
Berlin	30.13	59	E	2	c	30.22	+0.4	56	+4	E	3	b	2	-	64	50	*	*	*				
Frankfurt	30.11	52	-	0	b	30.12	+0.2	54	+2	NE	1	c	2	-	64	46	*	*	*				
Munich	30.12	46	SE	3	bc	30.10	-0.0	48	+3	E	5	c	2	-	52	39	*	*	*				
C. Gris Nez... ..	29.98	58	ESE	2	r	30.05	+0.3	55	+2	E	4	o	2	-	64	52	*	*	*				
La Hève	29.76	55	E	3	o	29.94	*	53	+3	? NE	2	m	2	-	57	48	*	*	*				
Brest (St. Mathieu) ...	29.78	52	SW	5	f	29.94	+0.7	49	-1	E	3	o	5	-	55	46	*	*	*				
Lorient (Beo Meles)... ..	29.84	54	SW	4	c	29.88	*	50	-5	E	4	bc	5	-	59	46	*	*	*				
Rocheport (Ile d' Aix)	29.99	53	SSW	3	r	29.93	+0.1	51	-3	SSE	3	o	2	-	59	50	*	*	*				
Biarritz	?	50	W	4	r	29.95	-0.3	52	-8	SSE	3	b	4	-	56	46	*	*	*				
Paris	29.98	59	SSE	1	o	29.97	+0.3	56	+5	E	3	o	2	-	64	50	*	*	*				
Belfort	30.03	59	E	4	c	30.04	*	49	+3	ENE	4	m	2	-	64	42	*	*	*				
Lyons	29.98	62	-	0	c	29.98	*	54	+2	E	1	o	2	-	67	52	*	*	*				
Nice	30.00	58	-	0	c	30.00	+0.2	62	0	-	0	c	0	-	62	52	*	*	*				
Perpignan	29.95	64	W	2	o	30.04	-0.0	50	-10	W	1	o	2	-	75	46	*	*	*				
Sanguinaire	30.00	60	N	3	b	30.02	*	60	0	E	1	m	2	-	66	50	*	*	*				
Corunna (8 a.m.)	30.18	55	WNW	6	c	30.02	-0.8	50	-4	WNW	6	o	7	-	57	48	*	*	*				
Lisbon (9 a.m.)	30.17	54	NNW	5	b	30.15	+0.1	56	-6	NNW	5	b	5	-	73	52	*	*	*				
Gibraltar	29.99	63	E	1	b	29.92	*	61	-2	NW	4	b	2	-	787								

* 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 MAY.



GENERAL INFERENCE

WEATHER PROSPECTS.

The Northern anticyclone will continue to spread southwards, and a decided improvement

in the weather is, therefore, probable over the United Kingdom generally, with a gradual rise of temperature.

FORECASTS FOR THE 24 HOURS NOON Tuesday TO NOON Wednesday.

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

Light breezes, chiefly from the North-Eastward; fair generally; cool on coast, becoming warmer inland.

Easterly and North-Easterly winds, light; fair generally; becoming rather warmer.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

6 {
7 {
8 {
9 {
10 {

Same as Nos. 3 to 5.

THE FURTHER OUTLOOK. (All Districts)

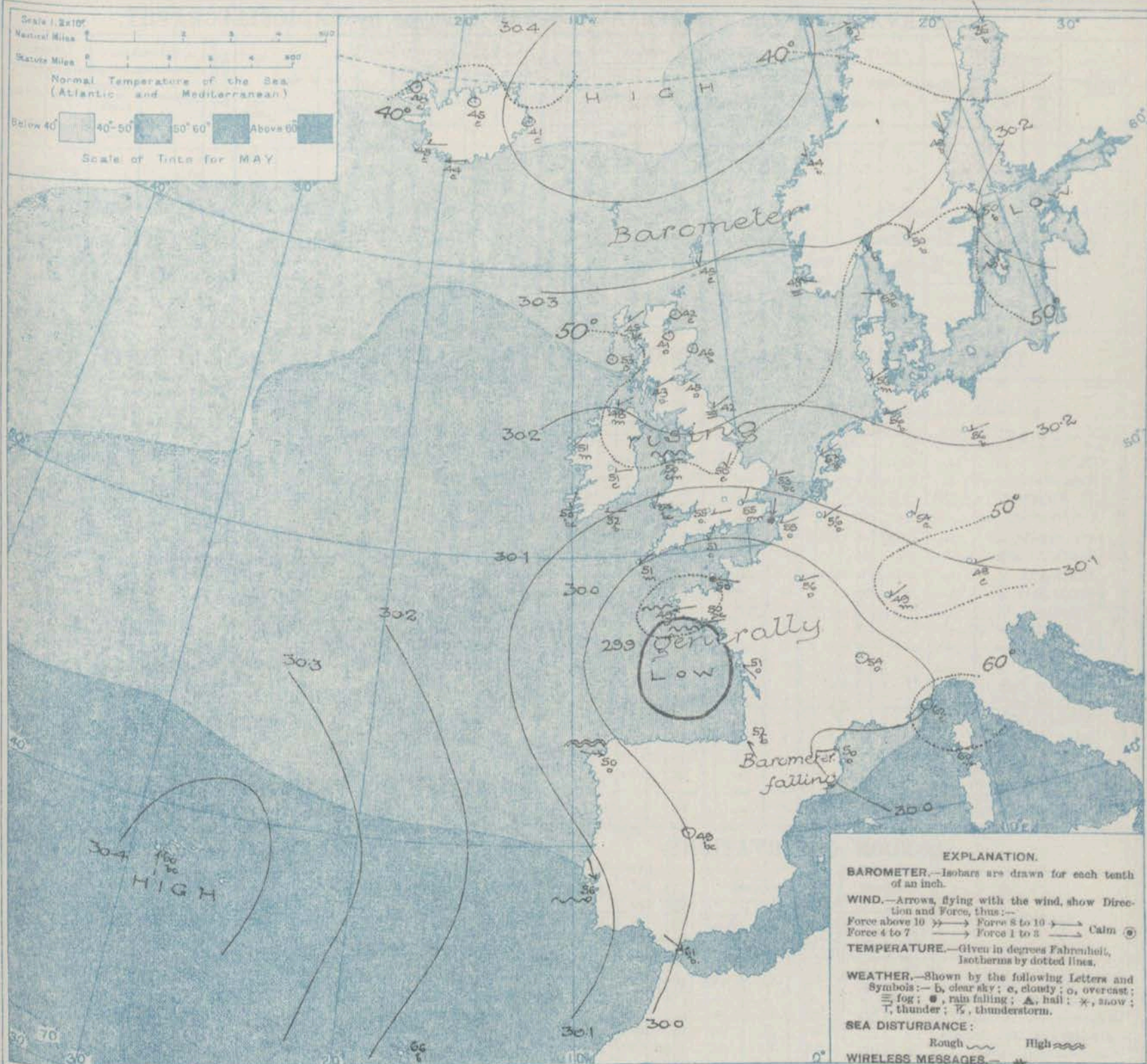
Improving weather is probable, with a gradual rise of temperature.

11 WESTERN CHANNEL AND BAY.

Light to moderate North-Easterly winds and a moderate sea. Local showers at first, then fair; rather warmer.

SYNOPTIC CHART FOR 7 A.M. TUESDAY 13TH

MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression noticed yesterday off our south-west coasts is now moving southwards over the Bay, and the barometer is rising generally. Two areas of high pressure are still in existence, one over the Azores region, the other between Iceland and the Norwegian coasts.

Light to moderate breezes from the Eastward or North-Eastward are reported over Western Europe generally, but in the south-west of France the wind is Southerly. Moderate Northerly breezes prevail in Sweden. Temperature

has risen slightly over England and Ireland, and also in Germany, fallen elsewhere. Over the United Kingdom the morning reading range ^{between} from 50° and 55° in all the more southern districts to 45° and less on our north and north-east coasts, and to 41° at Nairn. The weather is fair or fine over Western Europe as a whole, but dull over the Channel and the south of England, with rain at Jersey and passing showers at Dungeness. The sea is moderate in the western part of the Channel, and rather rough in the Bay, slight or smooth elsewhere.

DAILY WEATHER REPORT.

Tuesday, 13th May, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
12th, 6pm.	51	13	<i>Leutonic</i>	H.	30.06	-0.02	NNW	4-5	b	12th, 7am	51	20	<i>Leutonic</i>	H.	30.02	+0.08	N	4-5	b
" 7am.	49	21	<i>Mauretania</i>	O	30.30	+0.19	WNW	6-7	b	" "	49	12	<i>Benmchaha</i>	O	29.61	+0.12	NW	6-7	c
" "	50	21	<i>Montreal</i>	O	30.08	+0.12	NW	6-7	o										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban ...	...	62	46	bc-b.	bc.	11.5	England, S.E.	Margate ...	...	61	44	c-bc.	c-or.	1.7
	Stonehaven ...	0.01	45	40	b	b	11.8		Ramsgate ...	...	55	48	*	*	0.3
	St. Andrews ...	...	50	44	b	b	10.9		Folkestone ...	0.11	61	46	bc	o	2.2
	Carnoustie ...	trace	53	41			11.8		Littlestone ...	...	57	47	b-bc-o.	or	0.6
England, N.E.	Harrogate ...	0.18	56	43	om-c-bc.	bc-c-o.	2.0	England, S.W.	Hastings ...	0.07	57	47	c	r	0.9
	Scarborough ...	...	49	44	o-c	o-c.	0.0		Bexhill-on-Sea ...	0.12	56	50	c	r	0.5
	Blackpool ...	0.01	61	44	o	o	0.7		Eastbourne ...	0.26	56	47	o-bc-or.	or	0.5
	Southport ...	0.01	61	45	bc-o.	or-o.	0.0		Seaford ...	0.32	59	48	c-r.	r-o	0.0
England, N.W.	Buxton ...	0.01	57	38	o-c	c.	0.5	England, S.W.	Brighton ...	0.42	55	50	c-or.	d	0.0
	Leamington Spa ...	0.11	57	41	d	d	0.0		Worthing ...	0.39	54	50	or	or	0.3
	Douglas ...	0.02	55	46	c	od	1.5		Littlehampton ...	0.28	*	*	*	*	0.0
	Rhyl ...	0.07	57	44	op	op	0.0		Southsea ...	0.36	52	49	or	or	3.0
Wales	Colwyn Bay ...	0.05	55	43	bcp	bd	0.0	England, S.W.	Bournemouth ...	0.50	54	49	or	or-c-b.	1.8
	Llandudno ...	0.17	57	45	p	p	0.0		Weymouth ...	0.60	54	49	or-o	c-b.	6.0
	Bettws-y-Coed ...	...	57	49	o-c-o.	r-o-c.	0.3		Teignmouth ...	0.79	58	49	or-bc.	b	4.0
	Aberystwyth ...	0.03	57	49	o-c-o.	r-o-c.	0.3		Torquay ...	0.64	58	49			2.5
England, E.	Lowestoft ...	...	57	46	bc-c.	c	8.0	England, S.W.	Paignton ...	...	61	49	or-g	c-bc.	2.5
	Felixstowe ...	...	56	50	bc.	o-c.	1.0		Ilfracombe ...	0.10	61	49	d	d-b.	2.5
	Walton-on-Naze ...	...	56	48	bc-o.	o	1.0		Weston-super-Mare ...	0.08	58	47			
	Southend-on-Sea ...	0.02	60	46	bc	bcp	2.5								

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.				Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.	Fore-noon.		After-noon.	Night.	In Screen.				Night Min. on Grass.	Night.	Fore-noon.	After-noon.			
			Max.	Min.						Max.								Min.		
			24 HOURS ENDED 9 A.M. TO-DAY.																	
Greenwich (Royal Obsy.) ...	%	%	F.	F.	F.	In.	od	od	odo	Hr.	Dublin to 4 p.m.	In.	F.	F.	F.	c-or	rg	rg		
City (Bunhill Row) ...	65	82	61	50	46	0.01				0.5	Plymouth to 9 p.m.	0.52	51	48	46					
Westminster (St. James's Pk.)	83	90	60	54	50	0.05	or	or	or-u	0.1	Darwen "	-	59	44	37	b-cw	bc-o.	cu-o.		
Camden Sq. (Brit. Rainfall)	-	73	62	51	49	0.06	o-cp	cp	cp-o	0.0	Manchester "	0.06	55	45	33	r	o	o		
Hampstead (Reservoir) ...	*	77	57	51	43	0.05	or	or	or-bc	0.2	Birmingham "	-	55	46	42	b-bc-or	or	or		
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									Oxford to 8 p.m.	-	55	46	42	b-bc-or	or	or	
			Total.		Mean Rate.		Max. Rate.				S. Kensington (Museum Grounds to 6 p.m.)	0.04	59	46	40	b-bc-o.	o-or	or		
S. Kensington (Roof of M.O.)	77	86	Joules.		15 Milliwatts.		38 Milliwatts.		0.1											

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

12th & 13th May 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.2	11.49	7.36
	4.0	11.49	7.38
Greenwich ...	4.13	11.56	7.39
	4.12	11.56	7.40
Wick ...	3.52	12.8	8.25
	3.50	12.8	8.27
Valencia ...	4.52	12.37	8.22
	4.50	12.37	8.24

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 60° or slightly above it in several isolated parts of the United Kingdom, and touched 62° at Oban. Very little bright sunshine was recorded in England and Ireland, but in Scotland the duration was large, more than 13 hours at Stornoway and Aberdeen. Rain was experienced at most of the English and Irish stations. Wireless reports show that as far west as the 21st meridian ships experienced strong to high winds from the North-Westward, with fine weather.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday
14th May 1913.

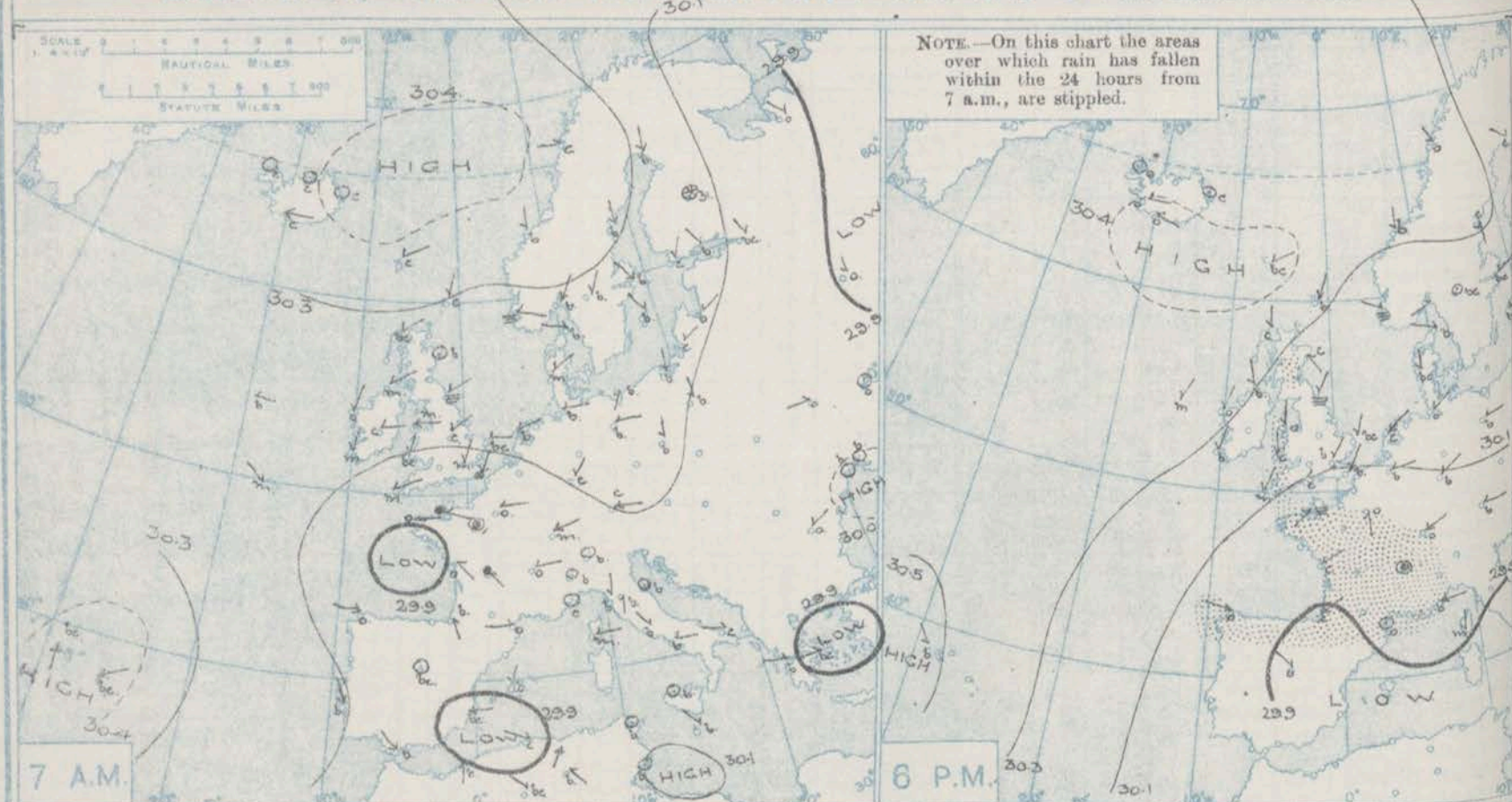
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.				
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).		Weather.	At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.						Change since yester- day.	Dir.	Force (0 to 12).	Weather.	Max.	Min.		Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.
BRITISH ISLANDS.	Lerwick	30.31	46	NNE	4	bc	30.32	+0.01	45	0	NNE	5	c	5	-	48	43	bc	bc	c	Hours 10.2	
	Stornoway	30.31	49	N	3	c	30.33	+0.03	47	+2	NNE	2	c	2	-	55	45	bcg	bc, cgy	og	2.4	
	Castlebay (Barra Isd.)	30.31	50	NW	4	o	30.37	+0.01	48	-5	N	4	c	3	-	56	48	c, c	c, o	c, c, b	4.1	
	Glasgow	30.25	57	SE	1	o	30.30	+0.02	45	+2	ENE	2	c	3	-	63	43	bcg	b	og	*	
	Malin Head	30.30	51	NNW	1	by	30.35	+0.01	46	-2	NW	3	cm	2	-	55	44	om	bcg	om	*	
	Blackod Point	30.31	54	NNE	3	o	30.42	+0.02	48	-3	NNE	3	o	2	Trace	57	46	om	om	b	*	
	Valencia	30.26	59	NNE	3	by	30.36	+0.02	52	-1	N	3	bc	3	0.01	61	49	bcg	bcg	bc	11.9	
	Roche's Point	30.21	63	NNE	5	c	30.30	*	51	-1	N	4	b	3	-	63	49	b, bc	bc, c	cg, b	*	
	Birr Castle	30.25	56	N	1	c	30.33	*	46	-5	NNW	2	c	3	-	60	42	c	c	c	0.0	
	Donaghadee	30.27	51	N	2	p	30.30	+0.04	46	-1	NNW	2	c	3	0.04	53	45	cg	opg	ompc	*	
ICELAND, FAEROE, &c.	Liverpool Obsy.	30.18	63	E	2	c	30.24	+0.00	52	+1	SSW	1	o	0	-	66	50	a, c	bc	o	2.4	
	Holyhead	30.20	50	N	3	o	30.24	+0.01	48	-2	N	4	og, dm	3	0.31	62	47	bc, cm	c, cmg	om	5.5	
	Pembroke (St. Ann's Hd.)	30.15	57	N	4	c	30.19	+0.02	49	-5	NNE	4	og, dm	3	0.04	64	48	bc	c	om	2.0	
	Newquay	30.12	55	E	1	r	30.14	+0.00	52	0	NE	2	og, dm	4	0.11	57	51	a, c	bc, cm	o, ap	3.7	
	Silly (St. Mary's)	30.11	54	NNE	3	bc, m	30.15	+0.01	50	-1	NNE	4	f	4	-	57	49	cm	bc, m	cm	8.7	
	Jersey (St. Aubin)	30.06	50	SW	3	of, e	30.08	*	52	+2	E	2	og, e	3	0.15	58	49	om, og	og, m, d	og, og	0.0	
	Portland Bill	30.07	57	ENE	3	c	30.09	+0.00	53	+2	NNE	5	bc	3	-	62	50	bc	bc	bc, b, c	*	
	Dungeness	30.07	57	NE	4	b	30.07	+0.00	54	+2	NE	3	b	3	-	60	49	c	c, b	b	*	
	Dover	30.02	53	N	4	b	30.11	*	55	+2	N	3	b	4	-	63	48	c, bc, b	bc	bc, m, b	9.7	
	Wick	30.31	44	NE	2	o	30.37	+0.03	44	+2	NE	4	o	2	-	45	41	f, bc, m	bc, m	om	*	
SCANDINAVIA.	Nairn	30.28	44	NE	2	m	30.36	*	43	+2	-	0	r	1	0.02	55	39	bc	bc, m	g, d	7.7	
	Aberdeen	30.24	46	SE	2	e	30.36	+0.03	44	-2	NNW	2	o	2	-	53	39	of, m	bc, m, c	c, o	9.7	
	Leith	30.24	46	ENE	2	c	30.29	+0.04	44	-1	ENE	2	r	2	-	50	42	o	c	om	*	
	North Shields	30.24	45	NE	2	f	30.28	+0.00	44	+2	ENE	1	m	2	-	47	40	f	f	f, g	6.0	
	Spurn Head	30.23	51	NE	4	bc	30.24	+0.02	47	-5	NNE	4	cf, w	4	Trace	57	43	bc	bc	bc, cf, d	12.9	
	Yarmouth	30.18	53	NNE	2	bc	30.16	+0.00	52	-1	NE	3	bc	3	-	57	48	bc	bc	bc	13.2	
	Clacton-on-Sea	30.15	55	NNE	3	b	30.12	+0.00	53	-1	NNE	2	c	2	-	61	48	c, bc, b	bc	bc, c	11.6	
	Nottingham	30.14	59	ENE	4	b	30.22	*	48	-2	ENE	3	bm	3	-	67	48	c, b	b	b	10.2	
	Bath	30.12	65	E	1	o	30.18	*	51	-4	NE	3	c	3	-	69	48	*	*	*	5.7	
	London (Kew Obsy.)	30.13	64	NE	3	b	30.15	+0.00	50	-5	NNE	3	om	3	-	66	46	om, c, b	bc, b	bc, m, cm	8.4	
GERMANY, &c.	Spitzbergen	30.25	9	-	0	-b	30.15	-0.04	7	+1	-	0	b	4	-	18	-6					
	Isafjord	30.38	51	-	0	o	30.28	-0.03	47	+7	E	3	o	3	-	*	*					
	Reykjavik	30.40	50	E	3	o	30.33	-0.04	45	0	SE	3	o	3	-	*	*					
	Vestmanna	30.40	45	ESE	1	o	30.38	-0.02	44	0	ESE	1	m	0	-	*	*					
	Seydisfjord	30.38	60	-	0	c	30.37	-0.01	44	+3	-	0	c	3	-	*	*					
	Thorshavn	30.43	50	ENE	2	bc	30.44	+0.00	45	-1	-	0	o	3	-	*	*					
	Haparanda	30.19	31	NW	2	c	30.20	-0.01	36	+1	NNW	6	bc	3	-	43	27					
	Hernösand	30.21	34	S	2	c	30.31	+0.00	43	+1	-	0	b	3	-	45	36					
	Stockholm	30.29	41	ENE	5	bc	30.34	+0.01	45	0	ESE	2	o	3	-	50	39					
	Wisby	30.28	40	E	2	b	30.36	+0.03	42	-2	N	2	b	3	-	50	32					
FRANCE.	Karlstad	30.21	49	-	0	bc	30.29	+0.00	46	-4	SSE	4	b	3	-	61	41					
	Færder (Vigla Fjord)	30.26	56	WSW	2	c	30.23	+0.01	53	+2	S	2	bc	1	-	57	50					
	Bodö	30.37	37	NNW	2	o	30.34	-0.01	37	0	W	2	c	1	-	37	36					
	Christiansund	30.31	43	N	3	b	30.31	+0.00	41	-3	N	4	b	2	-	48	39					
	Skudesnaes	30.25	46	WNW	2	f	30.27	-0.01	45	0	-	0	f	1	-	46	45					
	The Scaw (Skagen)	30.21	51	NW	2	b	30.24	+0.01	47	-6	WSW	1	f	0	-	59	45					
	Blaavands Huk	30.25	46	NNE	1	bc	30.25	+0.00	45	-11	NNE	2	o	1	-	63	41					
	Cuxhaven	30.18	45	NE	2	o	30.18	+0.00	54	-2	NE	2	o	0	-	64	52					
	The Helder	30.18	56	NE	3	c	30.16	+0.00	55	+2	NNE	3	b	1	-	59	53					
	Brussels	30.08	57	ENE	2	b	30.08	+0.00	58	+2	E	1	bc	3	-	67	48					
SPAIN, PORTUGAL, &c.	Berlin	30.17	61	E	2	b	30.23	+0.01	57	+1	S	2	b	3	-	70	46					
	Frankfurt	30.10	55	NE	1	b	30.11	+0.01	57	+3	E	1	b	3	-	66	48					
	Munich	30.07	50	E	4	b	30.08	+0.01	52	+4	SSW	3	b	3	-	61	37					
	C. Gris Nez	30.10	54	NE	4	m	30.08	+0.00	53	-2	NE	4	m	2	-	63	50					
	La Hève	30.01	57	E	2	c	30.06	*	52	-1	NW	1	f	1	0.08	66	48					
	Brest (St. Mathieu)	30.08	51	-	0	r	30.11	-0.01	52	+3	NE	1	m	2	0.15	57	49					
	Lorient (Rec Molen)	30.03	54	NE	3	o	30.02	*	50	0	N	3	o	3	-	59	45					
	Rochefort (Ile d'Alx)	29.98	55	ENE	3	c	29.97	+0.00	52	+1	NE	3	o	3	-	64	48					
	Biarritz	29.87	57	NE	4	c	29.89	+0.00	51	-1	-	0	r	4	-	63	48					
	Paris	30.05	58	S	1	o	30.05	+0.00	56	0	S	1	r	3	-	60	52					
PORTUGAL, &c.	Belfort	30.00	62	ENE	4	o	30.04	*	52	+3	W	3	o	3	-	68	50					
	Lyons	30.06	52	SSE	1	r	30.02	*	52	-2	-	0	o	3	-	62	50					
	Nice	30.00	62	ESE	6	o	30.05	+0.02	60	-2	ESE	7	o	5	Trace	70	52					
	Perpignan	29.96	53	-	0	o	29.89	-0.04	54	+4	E	1	o	3	-	57	50					
	Sanguinaire	29.95	62	N	3	m	29.98	*	61	+1	SSE	1	m	1	-	66	52					
	Corunna (S. a.m.)	29.93	56	WNW	0	o	30.02	+0.00	54	+4	NNW	2	b	5	0.24	57	48					
	Lisbon (S. a.m.)	29.96	54	NW	1	c	29.97	+0.02	56	*	NNW	5	b	5	-	61	52					
	Gibraltar																					
	Azores (Horta S. a.m.)	30.53	58	WN																		

GALES.
Duration and Extreme Force
on British Coast.

* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



GENERAL INFERENCE

The small shallow depressions which are moving southwards across Great Britain are likely to cause showers to-day in nearly all parts of

WEATHER PROSPECTS.

the country. An anticyclonic ridge will afterwards spread in from the westward and will occasion a renewal of fair weather.

FORECASTS FOR THE 24 HOURS NOON Wednesday

TO NOON Thursday.

0 { a } Northerly and North-Easterly to variable breezes; some showers at first, then fair. Cool, ground frost inland to-night.

1 { b }

2 { a } North-Easterly winds, light; cool changeable, some showers.

2 { b }

3 { a } Northerly and North-Easterly winds, light or moderate; fair at first, some showers later; remaining cool.

4 { b }

THE FURTHER OUTLOOK.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

6 { a } Northerly and North-Easterly winds, light or moderate; some showers to-day, improving to-morrow, remaining cool.

7 { b }

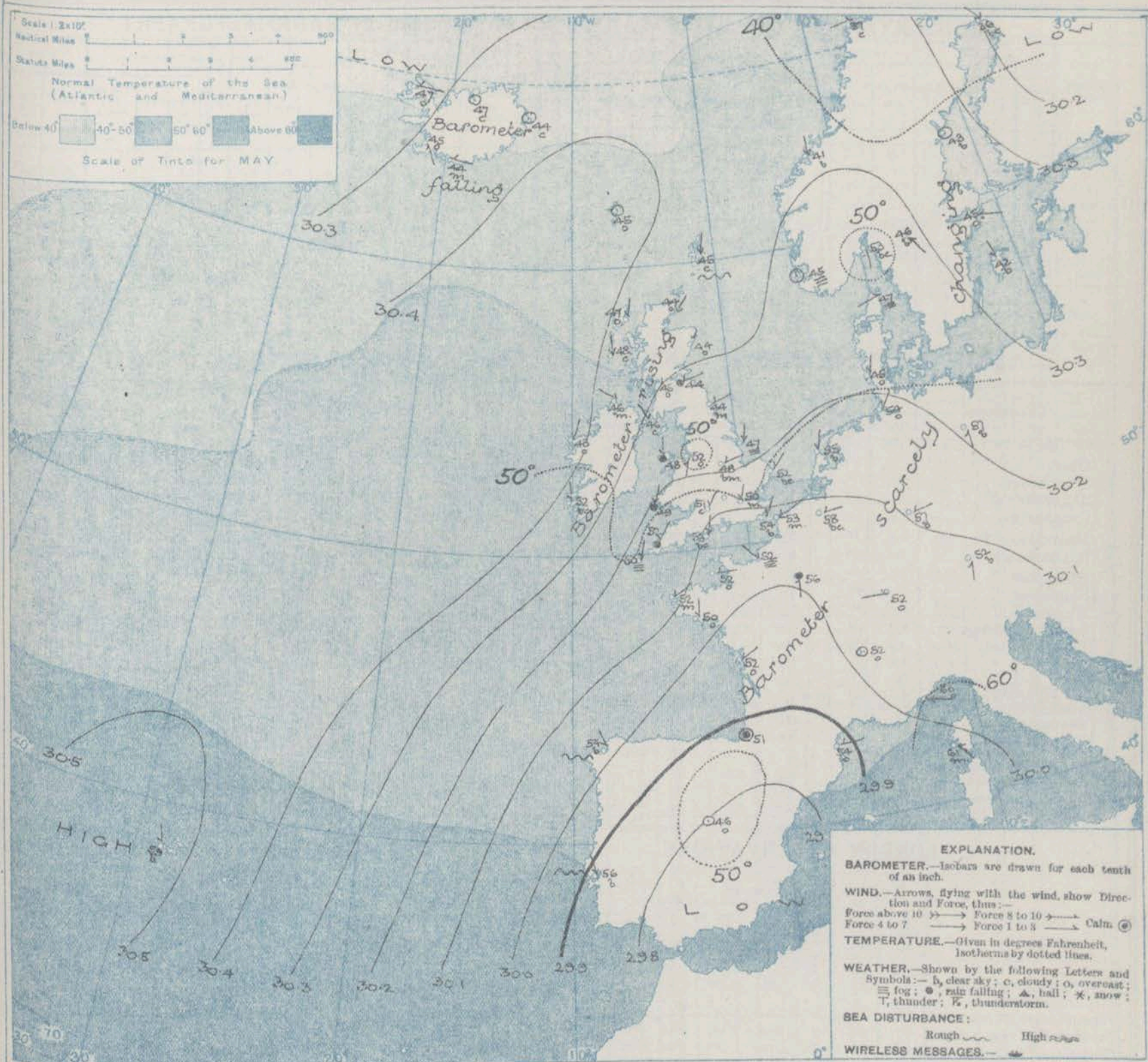
8 { a } Light Northerly to variable breezes; fair; cool, ground frost inland to-night.

9 { b }

10 { a } Moderate Northerly to North-Easterly winds, and a slight or moderate sea; cool; changeable, some showers.

10 { b }

11 WESTERN CHANNEL AND BAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Barometric pressure is now highest over the Azores region, but an anticyclonic ridge extends northwards over the eastern portion of the Atlantic as far as Iceland and the Faeroe. A shallow depression is moving southwards across eastern Spain, and small secondary systems are passing in a similar direction across Great Britain and the North Sea.

The wind is light to moderate from the northward or the north-eastward over the whole of the United Kingdom and the neighbouring parts of

the Continent. In the south of France it is Easterly, with a high wind at Nice. Temperature has fallen in most places. Over the United Kingdom the morning readings range from a trifle above 50° at most of the southern stations to 45° or rather less over North Britain. The weather is fair or fine in Ireland and over the northern and central parts of the Continent, but is cloudy elsewhere. Rain is falling at several of our western and northern stations, as well as at Paris and Biarritz. The sea is moderate or slight generally, but rather rough off Shetland.

DAILY WEATHER REPORT.

Wednesday, 14th May, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
13th, 6 p.m.	54	14	Duxorian Finland	H	?	+05	NNE	1-3	m										
	53	19		H	?	+10	ESE	1-3	b										
	49	18		O	30.33	+04	NW	6-7	m										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban ...	-	62	41	bc	bc	8.7	England, S.E.	Margate ...	-	61	44	b	b	10.8
	Stonehaven ...	-	54	37	bm	m.b.	9.1		Ramsgate ...	-	59	52	b	b	10.2
	St. Andrews ...	-	52	44	b	b	7.9		Folkestone ...	0.01	65	51	b	b	8.9
	Carnoustie ...	-	49	38	a	a	6.7		Littlestone ...	-	65	53	od. a bc	bc. b	4.1
	Harrogate ...	-	57	41	om. bc	b. bc. c.	3.5		Hastings ...	0.06	65	52	a. bc	bc. b	3.5
Eng. N.E.	Scarborough ...	-	53	43	of	o. c.	2.9	England, S.W.	Bexhill-on-Sea ...	0.03	67	51	o. bc	bc. b	4.0
	Blackpool ...	-	66	49	o	o	1.7		Eastbourne ...	0.06	67	50	r. c. b	b	6.8
England, N.W.	Southport ...	-	67	49	o. bc	bc. o.	2.0	England, S.E.	Seaford ...	0.14	67	50	o. c. b	b	7.5
	Buxton ...	-	63	46	bc	bc	6.8		Brighton ...	0.28	71	50	o. c. d. b	b	7.8
	Leamington Spa ...	0.02	68	52	b	b	9.5		Worthing ...	0.26	69	51	c	b	8.4
	Douglas ...	0.05	60	48	o	od. o. t.	0.0		Littlehampton ...	0.19	70	50	a	b	6.1
Wales.	Rhyl ...	-	65	51	b	b	2.8	England, S.W.	Southsea ...	0.15	70	50	c. b.	b	6.1
	Colwyn Bay ...	-	59	48	m. b.	b. bc.	1.8		Bournemouth ...	0.16	68	49	c. b. a. b	p. bc. b	4.7
	Llandudno ...	0.03	58	49	b	bc.	4.2		Weymouth ...	0.02	67	48	bc	bc. c.	3.6
	Bettws-y-Coed ...	-	66	51	c.	c. bc.	1.0		Teignmouth ...	0.03	64	50	cp. b.	c	4.3
England, E.	Aberystwyth ...	-	62	52	b	bc. o. g.	6.7	England, S.W.	Torquay ...	0.02	67	50	od. b.	b. bc.	6.2
	Lowestoft ...	-	59	53	b	b	12.0		Paignton ...	0.13	67	50	a. d. b.	b. bc. g.	3.6
	Felixstowe ...	-	56	52	b	b	11.4		Ilfracombe ...	0.01	61	48	a. g. b.	b. bc. g.	3.6
	Walton-on-Naze ...	0.01	65	53	bc	b	10.5		Weston-super-Mare ...	-	69	48	b. bc.	bc. b. o.	3.6

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.	STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.		
			Max.	Min.														Max.	Min.
			24 HOURS ENDING 9 A.M. TO-DAY.																
Greenwich (Royal Obs.) ...	55	75	68	45	34	-	c. b.	b	b. bc. c.	8.1	Dublin to 4 p.m.	0.03	59	49	49	c.	o. bc.	c. o.	
City (Banfill Row) ...	*	*	67	49	43	-	bc	a	bc	8.4	Plymouth to 9 p.m.	-	68	50	47	c. b.	o. o. s.	1.6	
Westminster (St. James's Pk.)	52	87	71	46	41	-	bc. b.	b	b. c.	9.1	Darwen "	-	64	47	45	ow. g.	og. b.	6.9	
Camden Sq. (Brit. Rainfall)	49	74	66	45	37	-	bc. b.	b	b. bc. c.	8.7	Manchester "	-	62	49	45	c	b	b	
Hampstead (Reservoir) ...	*	80									Birmingham "	-	67	51	50	o. c.	c. o. c.	c. bc. b.	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									Oxford to 8 p.m.	*						
			Total.		Mean Rate.		Max. Rate.												
S. Kensington (Roof of M.O.)	62	84	1684 Joules.		30.2 Milliwatts.		74 Milliwatts.		8.3		S. Kensington (Museum Grounds to 6 p.m.)	0.02	68	53	48	o. c. o. c.	o. c. bc.	bc. b.	

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

14th & 15th May, 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.0 3.59	G.M.T. 11.49 11.49	G.M.T. 7.38 7.39
Greenwich ...	4.12 4.10	11.56 11.56	7.40 7.42
Wick ...	3.50 3.48	12.8 12.8	8.27 8.29
Valencia ...	4.50 4.48	12.37 12.37	8.26 8.25

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometers rose to between 65° and 70° and upwards in many parts of England and Wales, and to 71° at Brighton; at North Shields and Carnoustie it did not reach 50°. The amount of bright sunshine varied considerably in different districts, but was as a rule large. Rain fell locally in the west and north, and thunder was heard at Douglas, Isle of Man. Wireless reports show that as far west as the 19th meridian ships on the northern Atlantic routes experienced light breezes from between North and East, with fair, but misty, weather.

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

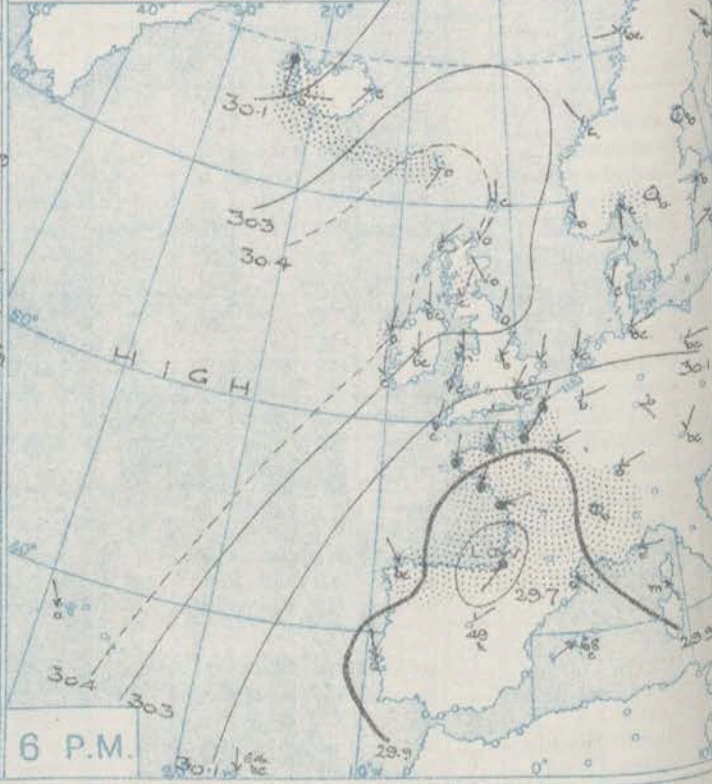
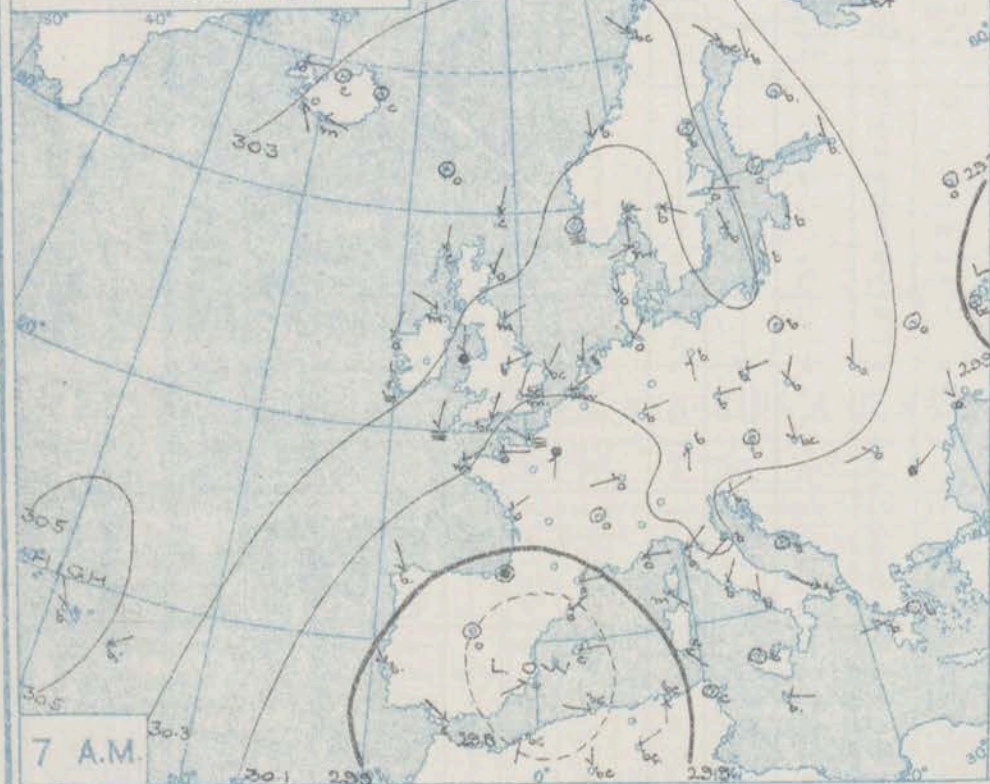
Thursday
15th May 1913.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.					
	At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Dirac.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dirac.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
BRITISH ISLANDS.	Lerwick	In. 30.57	F. 45	N	3	C	In. 30.36	-0.01	44	-1	NW	3	0	6	-	48	42	0	eq	C.O	Hours		
	Stornoway	30.42	48	NE	4	C	30.40	-0.02	48	+1	NE	2	6	2	-	51	36	o.c	c.b.c	bc.b	6.2		
	Castlebay (Barra Isd.)	30.39	50	NNE	4	C	30.37	-0.01	48	-3	NNW	2	6	2	-	52	41	c.b.c	o.c	C.O	7.2		
	Glasgow	30.36	47	NE	2	C	30.39	0.00	44	-1	ENE	1	C	*	0.01	50	42	p.o.c	c.o.b	C	2.5		
	Malin Head... ..	30.34	51	N	3	bc	30.37	0.00	47	+1	N	2	bc	1	-	52	45	bc	bc	bc	*		
	Blacksod Point	30.41	50	NNE	4	0	30.40	-0.03	48	0	NNE	3	0	3	Trace	50	45	og	og	C	*		
	Valencia	30.35	52	N	3	C	30.31	0.00	49	-3	ENE	3	0	3	-	54	45	bc	og	C	6.3		
	Roche's Point	30.26	60	ENE	4	b	30.28	0.00	48	-3	N	2	6	2	-	61	46	b.b	b	bc	*		
	Birr Castle	30.28	58	N	1	bc	30.33	0.00	45	-1	N	2	C	*	-	59	41	C	bc	C	5.0		
	Donaghadee	30.31	49	N	3	bc	30.37	+0.01	46	0	SE	2	0	2	-	53	46	bc	bc	C.O	*		
	Liverpool Obsy.	30.24	51	WNW	1	0	30.31	0.00	44	-3	ENE	1	bc	1	-	55	43	0.0	cg	bc	0.3		
	Holyhead	30.18	50	N	3	ogm	30.29	+0.01	46	-2	ENE	3	bc	2	0.01	53	45	ogpm	o.c.ogm	C.O	0.5		
	Pembroke (St. Ann's Hd.)	30.16	50	NNE	4	C	30.19	+0.01	47	0	NE	2	bc	2	0.01	51	46	ogm	ogpm	cg	0.0		
	Newquay	30.07	54	NE	5	b	30.09	+0.01	49	-3	NE	5	bc	5	-	54	47	o.c	bc	bc	4.7		
	Scilly (St. Mary's)	30.08	51	NNE	4	C	30.07	0.00	51	+1	NE	4	bc	5	-	54	49	cm	cm	cm	2.5		
	Jersey (St. Aubin)	30.00	54	NNE	2	cm	29.95	0.00	50	-2	NE	7	ogm	6	0.16	55	49	cm	og	og.og	0.0		
	Portland Bill	30.05	56	E	3	0	29.99	-0.02	48	-6	NNE	3	bc	4	0.16	65	46	bc	bc	bc	*		
	Dungeness	30.03	55	NE	5	C	30.02	+0.02	50	-4	NE	6	og	6	-	62	48	b	bc	cg	*		
	Dover	30.08	51	N	5	C	30.07	0.00	48	-7	NNE	7	0	5	-	62	46	b	bc	C.O	9.1		
	Wick	30.39	45	NE	3	0	30.37	-0.01	45	+1	-	0	C	2	-	47	43	cm	cm	o.c	*		
Nairn	30.40	49	ENE	1	bc	30.39	0.00	45	+2	-	0	bc	1	0.02	51	40	cg	bc	C.O	1.7			
Aberdeen	30.39	46	NNW	3	0	30.38	0.00	45	+1	NNW	2	0	2	-	50	42	0	C	C.O	0.3			
Leith	30.36	46	ENE	2	0	30.36	+0.02	45	+1	ENE	2	0	*	0.05	49	42	o.c	0	0	*			
North Shields	30.36	45	NNE	3	0	30.37	-0.01	42	-2	N	2	C	3	-	46	40	0	0	C	0.0			
Spurn Head	30.25	45	N	5	0	30.27	+0.01	45	-2	NNE	6	og	6	-	49	42	cm	cm	cm	0.2			
Yarmouth	30.19	48	NNE	4	0	30.20	0.00	46	-6	NNE	4	0	4	-	53	45	bc	bc	0	4.5			
Clacton-on-Sea	30.11	55	NE	4	bc	30.12	0.00	47	-6	NNE	5	0	4	-	62	45	C	bc	bc	10.7			
Nottingham... ..	30.23	50	NE	5	b	30.28	0.00	43	-5	NE	5	0	*	-	59	42	C	b	bc	9.2			
Bath	30.12	62	NE	1	0	30.18	0.00	45	-6	NE	6	0	*	-	66	45	-	-	-	9.7			
London (Kew Obsy.)... ..	30.10	63	NE	4	bc	30.10	0.00	47	-3	NNE	5	0	*	Trace	63	45	cm	c.og	bc	5.2			
ICELAND. FAEROE, &c.	Spitzbergen	30.03	18	-	0	b	29.87	-0.04	16	+9	-	0	b	*	-	18	3	-	-	-	-		
	Isafjord... ..	30.07	49	S	3	r	30.00	-0.01	45	-2	S	4	0	*	-	4	3	-	-	-	-		
	Reykjavik	30.12	49	E	3	0	30.15	-0.04	44	-1	SE	3	0	*	-	4	3	-	-	-	-		
	Vestmanna	30.18	44	E	4	r	30.16	-0.01	43	-1	W	1	0	0	-	4	3	-	-	-	-		
	Seydisfjord	30.20	56	SW	2	C	30.03	0.00	50	+6	SW	2	C	*	-	4	3	-	-	-	-		
SCANDINAVIA.	Thorshavn	30.43	45	SW	3	0	30.26	-0.05	44	-1	SSW	3	r	*	-	4	3	-	-	-	-		
	Haparanda	30.12	37	NW	4	bc	29.93	-0.04	42	+6	NW	6	C	*	-	45	30	-	-	-	-		
	Hernösand	30.21	39	-	0	b	30.16	-0.02	44	+1	-	0	b	*	-	48	28	-	-	-	-		
	Stockholm	30.21	41	SSW	2	b	30.11	-0.02	52	+7	W	4	b	*	-	52	39	-	-	-	-		
	Wisby	30.26	42	SW	2	C	30.24	-0.01	47	+5	WSW	4	bc	*	-	50	37	-	-	-	-		
	Karlstad	30.16	51	-	0	b	30.15	0.00	48	+2	-	0	0	*	-	61	43	-	-	-	-		
	Färder (X'ania Fjord)	30.17	51	S	4	C	30.12	-0.01	49	-4	SW	4	0	2	-	54	48	-	-	-	-		
	Bodö	30.23	39	W	2	bc	30.03	-0.05	39	+2	WSW	4	r	2	0.20	39	36	-	-	-	-		
	Christiansund	30.28	43	NW	3	C	30.26	-0.01	42	+1	-	0	C	2	-	46	41	-	-	-	-		
	Skudesnaes	30.20	46	NNW	2	0	30.17	-0.01	47	+2	NNW	4	C	1	-	48	43	-	-	-	-		
GERMANY, &c.	The Scaw (Skagen)... ..	30.22	48	W	1	b	30.18	-0.01	50	+3	W	2	C	0	-	61	43	-	-	-	-		
	Blaavands Huk	30.20	47	NNE	2	C	30.21	+0.01	50	+5	NNE	2	b	1	-	63	43	-	-	-	-		
	Cuxhaven	30.15	57	ENE	2	bc	30.15	0.00	60	+6	S	2	b	0	-	64	48	-	-	-	-		
	The Helder	30.13	54	NNE	5	C	30.14	+0.01	51	-4	NNE	6	C	3	-	61	50	-	-	-	-		
	Brussels	30.01	61	ENE	2	b	30.16	0.00	55	-3	ENE	2	bc	*	-	72	48	-	-	-	-		
FRANCE.	Berlin	30.17	62	E	2	bc	30.07	0.00	59	+2	SE	3	b	*	-	70	50	-	-	-	-		
	Frankfurt	30.02	63	SE	1	b	30.04	+0.02	55	-2	NE	2	C	*	-	72	48	-	-	-	-		
	Munich	30.02	54	NE	3	bc	30.02	+0.01	51	-1	NE	2	C	*	-	64	43	-	-	-	-		
	C. Gris Nez... ..	30.07	51	NE	5	r	30.04	-0.01	50	-3	NE	7	m	7	0.08	59	48	-	-	-	-		
	La Hève	29.99	55	NE	2	r	29.93	0.00	49	-3	NE	4	m	4	0.04	61	45	-	-	-	-		
SPAIN. PORTUGAL, &c.	Brest (St. Mathieu)	30.01	51	NNE	3	r	29.93	0.00	50	-2	NE	5	m	4	0.04	54	48	-	-	-	-		
	Lorient (Rec Melen)... ..	29.87	55	NE	4	r	29.77	0.00	54	+2	NE	6	r	4	0.16	61	52	-	-	-	-		
	Rochefort (Ile d' Aix)	29.78	57	ENE	4	r	29.73	+0.03	54	+2	ESE	3	0	*	0.43	68	52	-	-	-	-		
	Biarritz	29.65	55	SW	3	r	29.69	+0.01	55	+4	S	5	C	2	0.50	55	48	-	-	-	-		
	Paris	29.96	65	ENE	2	C	29.93	+0.02	56	0	NE	1	r	*	0.12	69	55	-					

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



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



GENERAL INFERENCE

The barometrical changes in progress are slight and rather irregular, and do not appear likely

WEATHER PROSPECTS.

to cause any material alteration in the general distribution during the ensuing twenty-four hours.

FORECASTS FOR THE 24 HOURS NOON Thursday

TO NOON Friday

0 { a Wind between North-East and North-West or West, light or moderate, fair generally; temperature rather low.

1 { North-easterly and North-easterly winds, light or moderate, fresh or strong at times locally; variable sky, some showers in places, but mostly fair; cool.

2 { a Wind mainly North-easterly, fresh or strong to moderate; gusty, mostly fair, very cloudy at times; temperature below the normal, air dry.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

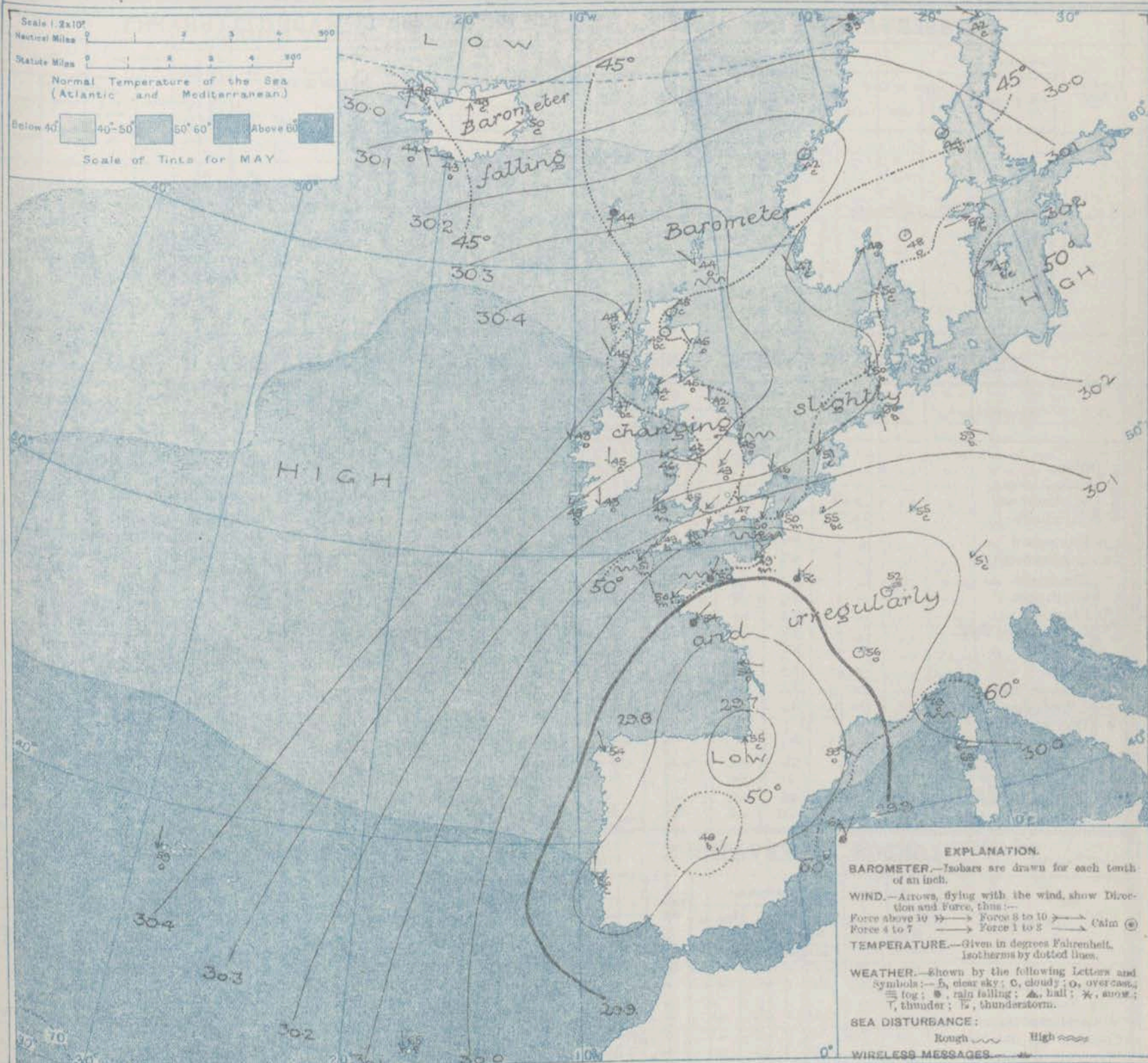
6 { a North-easterly and North-easterly winds, light or moderate, mostly fair; temperature rather low.

7 { a North-easterly winds, moderate to strong, gusty, fair generally, some showers locally; temperature rather low.

8 { a Same as Nos. 6 and 7.

9 { a Western Channel and Bay. North-easterly winds, strong to moderate; sea rather rough to moderate; some local showers; otherwise fair generally.

THE FURTHER OUTLOOK.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

In a ridge of high pressure extending from the Azores to the extreme north-west coasts of the United Kingdom, the barometer is above 30.4 in., while in a depression over the south-west of France and the adjacent portion of Spain it is below 29.7 in., and in the north of Iceland no higher than 30 in.

The wind is fresh to high from the North-Eastward over the south of England and the north of France and the Channel, and blows with the force of a gale at Portland Bill. Over the United Kingdom generally there is a light or moderate breeze from the North-Eastward, over

Iceland and Scandinavia a moderate wind, chiefly from some westerly point, and on the south-east coast of France a strong to high wind from the Eastward. Temperature has fallen in most parts of these Islands, where it ranges from about 50° at a few south-western and southern stations to 44° at Norwich, Glasgow and Liverpool, 43° at Nottingham, and to 42° at North Shields. Fair to fine weather prevails in most parts of these Islands and also over the greater part of the Continent, but rain is falling at Jersey and at some stations in the north of France, as well as at Thorshavn and Bodö.

DAILY WEATHER REPORT.

Thursday, 15th May, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Q = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Q = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
14th, 7 a.m.	49	14	Abant Temple	H	30.35	-0.3	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 ...	-	61	45	b, bc.	bc. b.	9.3	England, S.E.	Margate ...	-	57	51	b, bc. b.	b, bc. c.	8.2
	Stonehaven ...	-	53	40	og	gc	0.3		Ramsgate ...	-	59	50	"	"	9.1
	St. Andrews ...	0.03	51	42	og	gc	0.0		Folkestone ...	-	64	50	"	"	8.8
	Carnoustie ...	0.22	48	41	"	"	0.0		Littlestone ...	-	"	"	"	"	9.1
England, N.E.	Harrogate ...	-	60	42	bc. b.	bc. com.	5.8	England, S.W.	Hastings ...	-	66	49	"	b, bc.	8.1
	Scarborough ...	"	47	41	o. c.	o. c.	0.0		Bexhill-on-Sea ...	-	67	51	"	b, bc. o. c.	5.8
	Blackpool ...	-	60	49	"	bc.	3.3		Eastbourne ...	-	64	48	"	bc. o.	5.9
	Southport ...	-	59	49	o. bc. o.	bc. o. c.	3.4		Seaford ...	-	66	49	"	"	6.6
England, N.W.	Buxton ...	-	58	41	bc.	bc.	7.1	England, S.W.	Brighton ...	-	68	50	c. bc. b.	bc. o.	6.8
	Leamington Spa ...	-	63	43	"	"	9.7		Worthing ...	-	67	50	c. b.	bc.	6.8
	Douglas ...	0.42	55	46	"	o. c. q.	1.2		Littlehampton ...	-	"	"	"	"	6.0
	Rhyl ...	0.03	52	49	bc.	o.	1.2		Southsea ...	-	68	49	b, bc.	c. o.	8.0
Wales.	Colwyn Bay ...	0.13	54	47	o. bc.	bc.	0.3	England, S.W.	Bournemouth ...	-	67	47	"	c. o.	
	Llandudno ...	0.26	53	49	"	"	0.0		Weymouth ...	0.43	58	48	"	bc.	8.3
	Bettws-y-Coed ...	"	"	"	"	"	"		Teignmouth ...	0.11	64	52	"	bc. o. c.	8.5
	Aberystwyth ...	0.35	57	50	r. o. c.	c. b. e.	2.2		Torquay ...	0.13	67	49	"	bc. o. c.	8.1
England, E.	Lowestoft ...	-	56	46	bc. o.	o. c. o.	3.8	England, S.W.	Paignton ...	0.13	66	46	"	b, bc.	8.1
	Felixstowe ...	-	59	50	"	"	12.0		Ilfracombe ...	-	60	51	bc. b.	"	10.0
	Walton-on-Naze ...	-	58	49	"	"	11.0		Weston-super-Mare ...	-	65	46	"	b, bc. b.	
	Southend-on-Sea ...	-	65	48	"	"	11.5								

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.			
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.					
			Max.	Min.														Max.		Min.		
																					24 HOURS ENDED 9 A.M. TO-DAY.	
Greenwich (Royal Obs.) ...	%	%	F.	F.	F.	In.				Hr.	Dublin to 4 p.m.	In.	F.	F.	F.	p.c.b.	bc.	b.	5.1			
City (Bunhill Row) ...	64	74	65	45	44	-	o.c.	c.bc.	b.	3.6	Plymouth to 9 p.m.	0.01	59	46	42	c.bp	c.b.	o.	2.6			
Westminster (St. James's Pl.)	*	?	66	46	46	-	bc	bc	bc.	4.5	Darwen "	-	61	43	42	og, bc.	c.b.	bc. o.				
Camden Sq. (Brit. Rainfall)	77		66	46	46	-	bc	bc	bc.	4.5	Manchester "	-							11.6			
Hampstead (Reservoir) ...	62	74	70	45	45	-	c	c.bc.	bc.c.	4.1	Birmingham "	-	62	45	36	c.	b	b				
Kew. (See front page.)	*	76	63	43	42	-	c.bc	bc.	b, bc.	3.4	Oxford to 8 p.m.	-	66	43	39	b, bc.	b, bc.	com.				
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																						
Total.			Mean Rate.			Max. Rate.																
S. Kensington (Roof of M.O.)			1164 Joules.			20.2 Milli-watts.			72 Milli-watts.			3.2							S. Kensington (Museum Grounds to 6 p.m.)			
																				- 68 47 41 b, bc. q. p. o. c. bc.		

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

15th & 16th May 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 3.59 3.52	G.M.T. 11.49 11.49	G.M.T. 7.39 7.40
Greenwich ...	4.10 4.9	11.56 11.56	7.42 7.43
Wick ...	3.48 3.46	12.8 12.8	8.29 8.31
Valencia ...	4.48 4.47	12.37 12.37	8.25 8.26

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 65° and above in many parts of England, but only to 46° at North Shields, and to 47° at Scarborough and Wick. Rain was experienced in a few scattered localities, and thunderstorms occurred on some parts of our S.W. coasts. Generally there was a considerable amount of bright sunshine, but in the north-west of England, North Wales, and the east of Scotland the day was very cloudy or overcast.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday
16th May 1913.

STATIONS	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.							
	At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Direc.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.					Direc.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.			
BRITISH ISLANDS.	Lerwick	In. 30.23	F. 45	WSW	2	e	In. 29.91	In. -0.6	F. 47	+3	SSW	3	r	4	0.12	47	42	c	c	or	Hours			
	Stornoway	30.26	53	S	2	bcy	30.06	-0.5	52	+4	WSW	5	o	4	-	54	47	bcy	bcy	bcy	6.6			
	Castlebay (Barra Isd.)	30.30	50	WSW	3	c	30.13	-0.3	49	+4	W	4	o	3	0.02	52	45	b	bc	c.p.f	10.0			
	Glasgow	30.26	55	ENE	1	b	30.16	-0.4	44	0	SW	1	c	4	-	57	38	c.b	b	bcy	8.6			
	Malin Head	30.30	49	N	1	bm	30.16	-0.5	47	0	SW	2	o	1	-	51	46	bcy	bcy	om	*			
	Blacksod Point	30.34	51	N	3	c	30.20	-0.3	50	+2	-	0	f	0	Trace	?	?	bc	c	om	*			
	Valencia	30.22	54	N	4	b	30.17	-0.2	52	+3	ENE	2	bcy	3	-	56	46	bcy	bcy	bcy	12.0			
	Roche's Point	30.20	59	NE	3	b	30.15	*	48	0	N	2	b	1	-	61	43	ogm.c	bc.b	by.b	*			
	Birr Castle	30.22	59	N	2	bc	30.17	*	42	-3	SE	1	b	1	-	60	37	bc	bc	bc	5.8			
	Donaghadee	30.28	52	SSE	1	b	30.18	-0.1	44	-2	WNW	1	b	1	-	59	40	b	b	by	*			
	Liverpool Obsy.	30.22	52	NE	3	bc	30.16	-0.3	43	-1	NE	1	b	2	-	56	38	o.c	b.b	bm	4.2			
	Holyhead	30.22	50	NE	4	bm	30.15	-0.2	45	-1	NE	2	bm	2	-	53	43	b.bm	bc.bm	b.bm	6.3			
	Pembroke (St. Ann's Hd.)	30.10	50	NE	5	b	30.08	-0.2	48	-1	ENE	2	bm	2	-	59	44	bm	bm	bm	11.6			
	Newquay	30.02	56	NNE	6	bcy	30.00	0.0	49	0	NE	3	b	4	-	56	47	by.bcy	bcy	bc.b	8.8			
	Scilly (St. Mary's)	30.02	52	NNE	5	cm	29.93	0.0	50	-1	NE	4	cm	4	-	54	47	bcn	cm	cm	11.1			
	Jersey (St. Aubin)	29.92	51	ENE	6	ogm	29.93	*	50	0	ENE	5	ogm	5	0.14	52	49	ogm	ogm	ogm	0.0			
	Portland Bill	30.00	55	NNE	7	c	29.99	+0.1	46	-2	NNE	6	b	5	0.03	59	43	bc	bc	ep.b	*			
	Dungeness	30.01	50	NE	7	ry	29.98	0.0	49	-1	NE	6	og	6	Trace	54	48	og	og	og	*			
	Dover	30.03	48	NNE	7	o	29.99	*	48	0	NNE	6	o	6	-	50	47	og	og	o	0.1			
	Wick	30.25	46	SSW	3	bc	30.02	-0.5	52	+7	SSW	1	c	2	-	52	43	c.b	b.b	bcn	*			
Nairn	30.24	55	NE	1	bc	30.07	*	52	+7	NW	2	c	1	-	56	39	b	bc	bc	8.5				
Aberdeen	30.30	47	SE	1	b	30.08	-0.5	51	+6	-	0	b	2	-	53	38	o.c	bc.b	bc	5.5				
Leith	30.27	50	ENE	2	b	30.10	-0.4	45	0	-	0	by	2	-	52	39	c.b	b	b	7.2				
North Shields	30.30	48	N	3	c	30.19	-0.2	38	-4	W	2	b	2	-	51	36	c	b	c	6.1				
Spurn Head	30.22	46	NNE	6	c	30.16	+0.1	44	-1	ENE	4	c	4	-	50	41	og	og	og	6.1				
Yarmouth	30.15	48	NNE	4	bc	30.11	0.0	46	0	NNE	4	o	4	-	51	45	o.b	bc	bc	7.8				
Clacton-on-Sea	30.08	52	NNE	5	bc	30.05	-0.1	47	0	NNE	4	o	4	-	57	45	o.c.b	bc	bc	8.8				
Nottingham	30.20	48	NE	5	b	30.15	*	43	0	NE	3	o	3	-	52	40	o.c	c.b	bc	5.5				
Bath	30.10	56	NE	6	bcy	30.10	*	44	-1	NE	4	c	4	-	57	40	-	-	-	9.2				
London (Kew Obsy.)	30.10	53	NNE	5	bc	30.07	0.0	45	-2	NNE	4	o	4	-	57	44	c.c.b	bc	bc	9.8				
ICELAND, FAEROE, &c.	Spitzbergen	29.74	20	NE	4	o	29.73	0.0	19	+3	N	4	b	4	-	25	12							
	Isafjord	29.94	46	S	3	o	29.92	+0.3	38	-7	E	5	o	5	-									
	Reykjavik	30.01	44	W	4	r	29.90	0.0	39	-5	W	2	c	2	-									
	Vestmanna	30.03	45	SW	2	o	29.89	-0.1	40	-3	N	1	b	0	-									
	Seydisfjord	29.95	50	NE	3	c	29.72	-0.4	41	-9	-	0	r	0	-									
	Thorshavn	30.08	49	W	4	o	29.88	+0.1	47	+3	WNW	3	o	3	-									
	SCANDINAVIA.	Haparanda	29.80	35	SW	2	bc	29.67	-0.2	45	+3	NW	4	bc	4	-	46	34						
		Hernösand	30.00	42	-	0	b	29.88	-0.3	49	+5	N	2	b	2	-	52	36						
		Stockholm	29.97	49	N	2	c	29.95	-0.1	50	-2	ESE	2	b	2	-	64	41						
		Wisby	30.04	50	SW	6	o	29.90	-0.5	53	+6	SW	2	o	2	0.08	57	41						
Karlstad		30.01	50	WSW	2	bc	29.97	0.0	48	0	E	2	b	2	-	64	43							
Færder (X'lania Fjord)		30.02	49	SSW	4	c	29.93	-0.1	47	-2	ENE	1	bc	1	-	52	46							
Bodö		29.91	41	WSW	4	c	29.71	-1.1	39	0	E	4	r	2	0.24	41	37							
Christiansund		30.12	43	-	0	b	29.87	-0.7	47	+5	WSW	3	o	4	-	47	42							
Skudesnaes		30.13	44	NW	6	c	30.05	-0.1	47	0	NW	4	c	2	-	47	43							
The Scaw (Skagen)		30.04	47	W	3	o	29.87	-0.2	50	0	SSE	1	o	0	-	54	46							
Blaavands Huk	30.14	45	NW	2	bc	30.07	-0.1	47	-3	NW	2	c	1	-	52	43								
GERMANY, &c.	Cuxhaven	30.07	58	NE	3	b	30.05	-0.1	49	-11	NNE	3	b	0	-	66	46							
	The Helder	30.08	50	NNE	6	b	30.06	+0.1	48	-3	NNE	6	c	3	-	54	46							
	Brussels	29.97	61	NE	2	c	29.93	0.0	54	-1	NE	2	bc	2	-	72	49							
	Berlin	30.07	63	E	2	b	30.01	-0.0	59	0	E	3	bc	3	-	70	52							
	Frankfurt	29.94	59	NE	3	c	29.86	0.0	57	+2	NE	2	c	2	-	70	51							
	Munich	29.90	60	NE	3	c	29.80	-0.2	60	+9	NE	4	bc	4	-	68	50							
	FRANCE.	C. Grs Nez	30.03	48	NE	7	o	29.99	+0.1	49	-1	NE	7	o	6	0.12	52	48						
		La Hève	29.91	50	NE	4	m	29.91	*	50	-1	NE	4	m	4	0.16	63	48						
		Brest (St. Mathieu)	29.92	51	NE	6	m	29.90	+0.2	50	0	NE	6	m	4	-	52	48						
		Lorient (Rec Melan)	29.79	55	NE	6	r	29.75	0.0	54	0	NE	5	o	2	0.24	39	50						
Rochefort (Ile d' Aix)		29.76	61	N	2	c	29.69	0.0	56	+2	ENE	3	o	2	0.01	70	54							
Biarritz		29.71	59	E	2	c	29.62	-0.2	55	0	W	4	o	2	-	64	52							
Paris		29.88	64	E	3	o	29.84	-0.2	57	+1	N	2	o	2	0.12	68	55							
Belfort		29.90	61	-	0	r	29.69	*	56	+4	E	4	m	4	0.04	66	49							
Lyons		29.89	55	NW	2	o	29.77	0.0	56	0	-	0	o	0	0.32	59	54							
Nice		29.85	64	E	6	c	29.78	+0.1	61	-2	E	6	c	6	0.12	66	50							
Perpignan	29.77	55	E	3	r	29.58	-0.1	57	-2	E	3	r	3	1.38	63	55								
Sanguinaire	29.78	66	ESE	7	o	29.77	*	64	-1	N	2	f	3	-	70	54								
SPAIN, PORTUGAL, &c.	Corunna (S.a.m.)	29.78	54	NW	6	r	29.71	0.0	53	-1	NNE	3	o	5	0.12	56	50							
	Lisbon (S.a.m.)	29.79																						

* Information for these columns not usually received.

† Received too late for insertion in Charts.

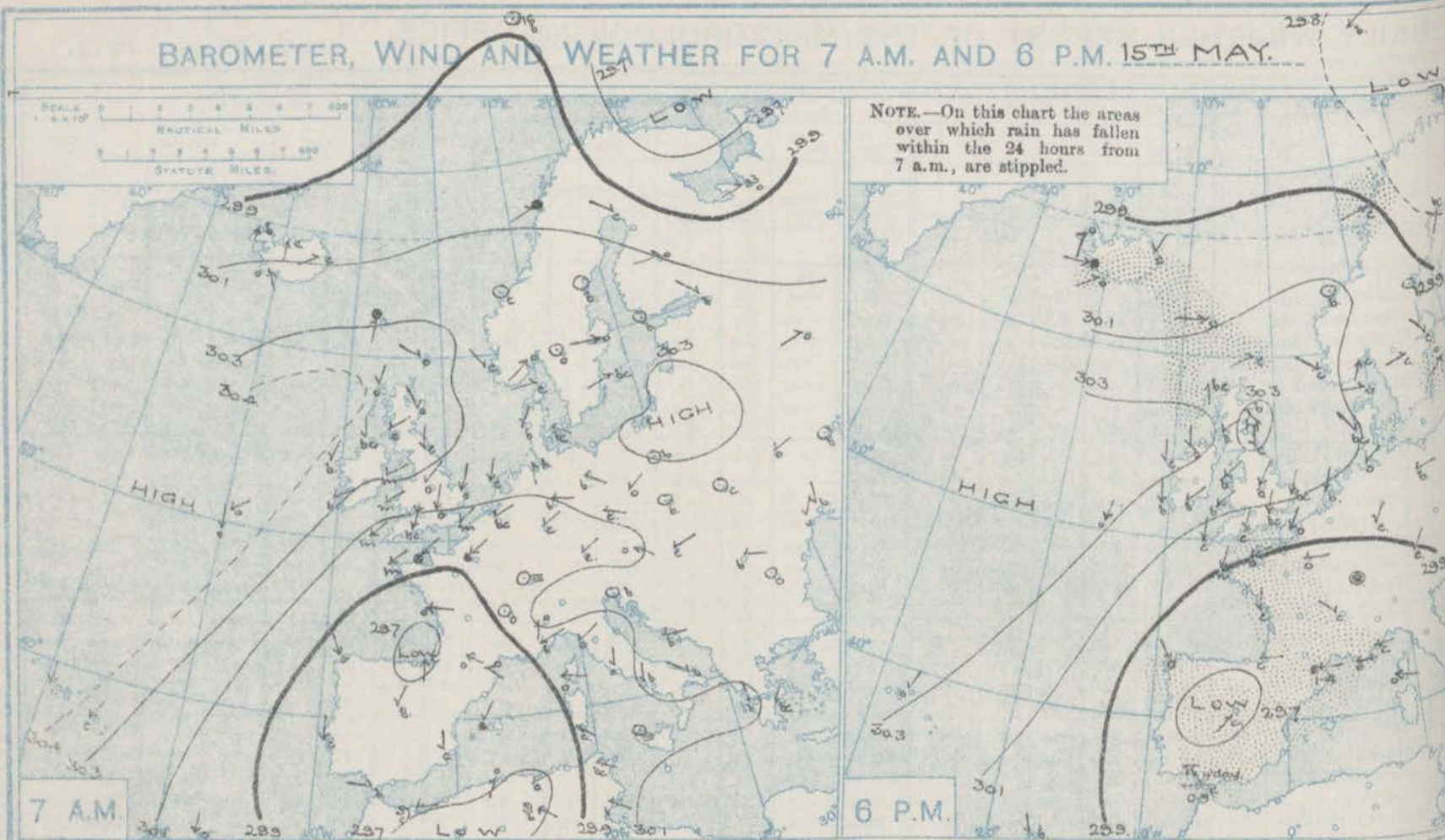
GALES.

Duration and Extreme Force
on British Coasts.

Portland Bill
10am-5pm. Extreme NNE 9
(15m)

Dungeness
10am-5pm do NE 8

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



GENERAL INFERENCE.

WEATHER PROSPECTS.

The ridge of high pressure extending over Ireland and England from the Atlantic seems likely to drift somewhat in a southerly direction,

while the low pressure to the northward encroaches on our northern districts.

FORECASTS FOR THE 24 HOURS NOON

Friday

TO NOON Saturday.

0 { a
b

Wind mainly from some westerly point, light or moderate to fresh; variable, some rain locally; moderate temperature.

1

2 { a
b

3

North-easterly winds, decreasing in force, subsequently direction becoming more variable; fair or fine generally, dull at times; temperature rising somewhat.

4 { a
b

5

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

Both Coasts hoisted in Districts 3, 5 and 7-11 at 2.45 p.m. and lowered this morning at 9.5.

6 { a
b

Same as Nos. 0 and 1.

7 { a
b

Wind light and rather variable; fair or fine generally; temperatures low, then increasing.

8 { a
b

Same as Nos. 3 to 5.

9 { a
b

Light winds, rather variable in direction; fair to bright, some mist or fog locally; moderate temperature.

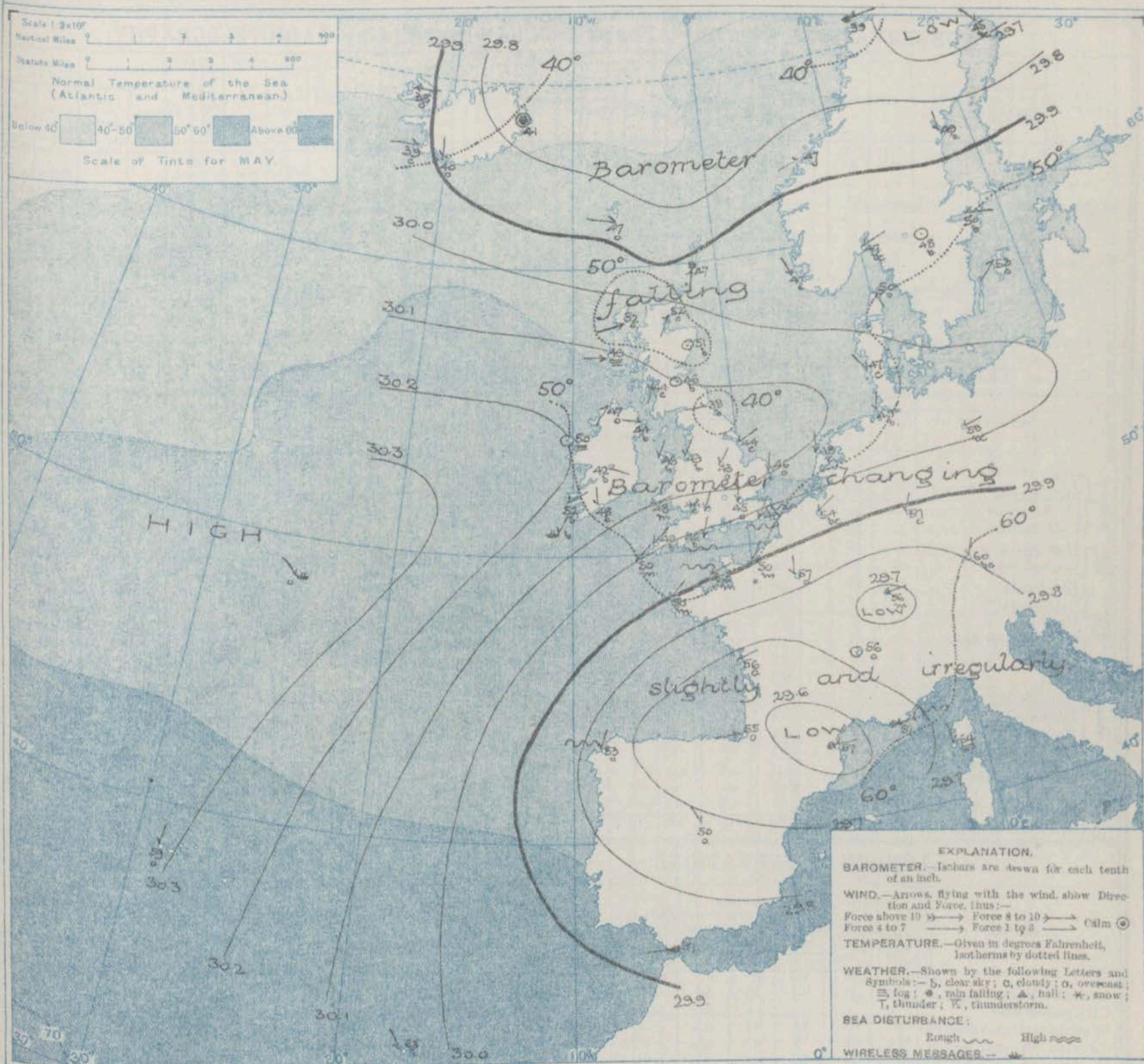
10 { a
b

11 WESTERN CHANNEL AND BAY.

North-easterly winds, decreasing in force; sea moderate; mostly fair, some mist.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. FRIDAY, 16TH MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.3 in. at the Azores and on the Atlantic to the northward, as high as 30.2 in. on the north-west coast of Ireland and above 30.1 in. in a ridge extending thence to beyond the east coast of England. In a depression over the south of France it is below 29.6 in., and in the north of Sweden below 29.7 in.

The wind is moderate to fresh or strong from the North-Eastward over the English Channel region and the Netherlands, and light from that point over the north and north-west of England and in the south of Ireland. In Scotland the wind

has shifted to the Westward or South-Westward, but has little force. Temperature has risen in the north of Scotland, where it is now as high as 52°. In central England and also at Birn Castle it is very little above 40°, and at North Shields as low as 38°. Over the greater part of the United Kingdom and Northern Europe the weather is fair or fine, but much cloud prevails in the south-east of England, and rain is falling at Berwick and Bodo. In France the sky is mostly overcast, with rain at some southern stations.

DAILY WEATHER REPORT.

Friday, 16th May, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
16th. 7 am.	48	25	Baronia	H	30.34	-0.3	WNW	1-3	0	15th. 7 am.	50	18	Olympie	0	?	-0.1	NE	4-5	0
" "	51	10	bedrie	H	30.14	-0.4	NE	4-5	6	" "	50	15	bedrie	H	30.39	-0.7	NNE	4-5	0
15th. 6 pm.	49	19	-do-	H	?	-0.2	N	1-3	0										
" 3 pm.	51	54	Dee Scout "Scotia"	-	30.14	0.0	SSE	2	bc.										
Air Temperature 33°. Sea Temperature 30° 9.																			

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	-	59	44	bc.	c.b.	10.8	England, S.E.	Margate	-	50	48	0	0	0.0
	Stonehaven	-	49	40	bc.	b.	5.3		Ramsgate	-	53	46	*	*	0.1
	St. Andrews	-	50	43	b.	b.	7.9		Folkestone	-	54	47	o-bc.	bc-o.	0.2
	Carnoustie	-	50	41	*	*	10.3		Littlestone	-	*	*	*	*	0.0
England, N.E.	Harrogate	-	49	40	o.c.	bc-o.	2.0	England, S.W.	Hastings	-	52	47	0	0	0.2
	Scarborough	-	50	44	o.c.	o.c.	5.2		Bexhill-on-Sea	-	56	48	c	ca.c.	0.0
	Blackpool	-	56	38	o.c.	c.b.	4.1		Eastbourne	-	54	47	o.c.	ou.d.	1.6
	Southport	-	59	39	o-bc.	c-b-bc.	4.2		Seaford	0.01	60	47	c-o.	o.	4.7
England, N.W.	Buxton	-	51	38	bc.	bc.	4.7	England, S.W.	Brighton	-	58	47	c-o.	0	5.2
	Leamington Spa	-	55	42	b.	b.	5.2		Worthing	-	60	46	bc.	c-ou.	5.5
	Douglas	-	53	43	b.	b.	13.0		Littlehampton	-	*	*	*	*	7.0
	Rhyl	-	54	44	*	*	5.2		Southsea	-	61	46	b-bc.	c-o.	6.3
Wales.	Colwyn Bay	-	53	42	bc-b.	b.	4.0	England, S.W.	Bournemouth	-	61	41	b-bc.	c-o.	6.3
	Llandudno	-	53	44	c-b.	b.	4.3		Weymouth	-	60	46	bc.	bc.	9.5
	Bettws-y-Coed	-	55	44	bc-c.	b.	3.6		Teignmouth	0.19	59	46	b.	b.	8.3
	Aberystwyth	-	61	46	c-b.	b-bc.	12.0		Torquay	0.18	61	47	bc-b.	b-bc.	9.8
England, E.	Lowestoft	-	49	45	o-c-o.	o-c.	3.8		Paignton	0.14	60	47	3b.	b.	9.8
	Felixstowe	-	56	46	o-c.	bc.	8.0		Ilfracombe	-	56	45	3b.	b.	9.5
	Walton-on-Naze	-	56	45	o-c-b.	bc-b.	7.3		Weston-super-Mare	-	56	44	*	*	9.5
	Southend-on-Sea	-	59	46	bc.	b.	8.0								

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	Humidity.		TEMPERATURE.		Rain- fall.	WEATHER.			Sun- shine for Yesterday.	Hr.	STATIONS.		Rain- fall.	TEMPERATURE.		WEATHER.			Sun- shine for Yesterday.	Hr.
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.						Max.	Min.	Night Min. on Grass.	Fore- noon.	After- noon.		
	%	%	F.	F.		F.	F.	F.						F.	F.	F.	F.	F.		
Greenwich (Royal Obs.)	58	31	60	43	39	-	bc	bc	bc-o.	7.3	Dublin to 4 p.m.	-	54	48	44	bc.	c-b.	b.	1.0	
City (Bunhill Row)	76	96	61	45	42	-	bc	bc	bc	7.4	Plymouth to 9 p.m.	-	60	49	46	c-bq.	c-b.	o-gb.	12.3	
Westminster (St. James's Pk.)	76	96	61	45	42	-	bc	bc	bc	8.5	Darwen	-	52	39	37	ou-b.	bc.	bc.	10.4	
Camden Sq. (Brit. Rainfall)	59	78	63	43	41	-	c-bc	bc	bc-o.	8.8	Manchester	-	54	43	*	c-bc.	b.	b.	4.1	
Hampstead (Reservoir)	*	81	56	41	35	-	bc	bc	bc-o.	11.0	Birmingham	-	53	41	38	0	c-bc	b.		
Kew. (See front page.)											Oxford to 8 p.m.	-	56	43	43	bun-o.	o-bun-bun			
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.											S. Kensington (Museum Grounds to 6 p.m.)									
Total.			Mean Rate.			Max. Rate.														
1775 Joules.			31.7 Milliwatts.			70 Milliwatts.			7.3											

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

16th & 17th May, 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 3.58 3.57	G.M.T. 11.49 11.49	G.M.T. 7.40 7.41
Greenwich	4.49 4.48	11.56 11.56	7.43 7.44
Wick	3.46 3.44	12.8 12.8	8.31 8.33
Valencia	4.47 4.46	12.37 12.37	8.26 8.27

During yesterday temperature remained below 50° on some parts of our eastern and northern coasts, and below 60° at many of our south-western and southern stations. The night was colder than of late in most districts. Over the Kingdom generally several hours of bright sunshine were registered, but along the coast from Eastbourne to Margate there was little or none, and Jersey was also sunless. A gale was experienced for a time yesterday on some parts of the English Channel.

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

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

Saturday
17th May 1913.

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

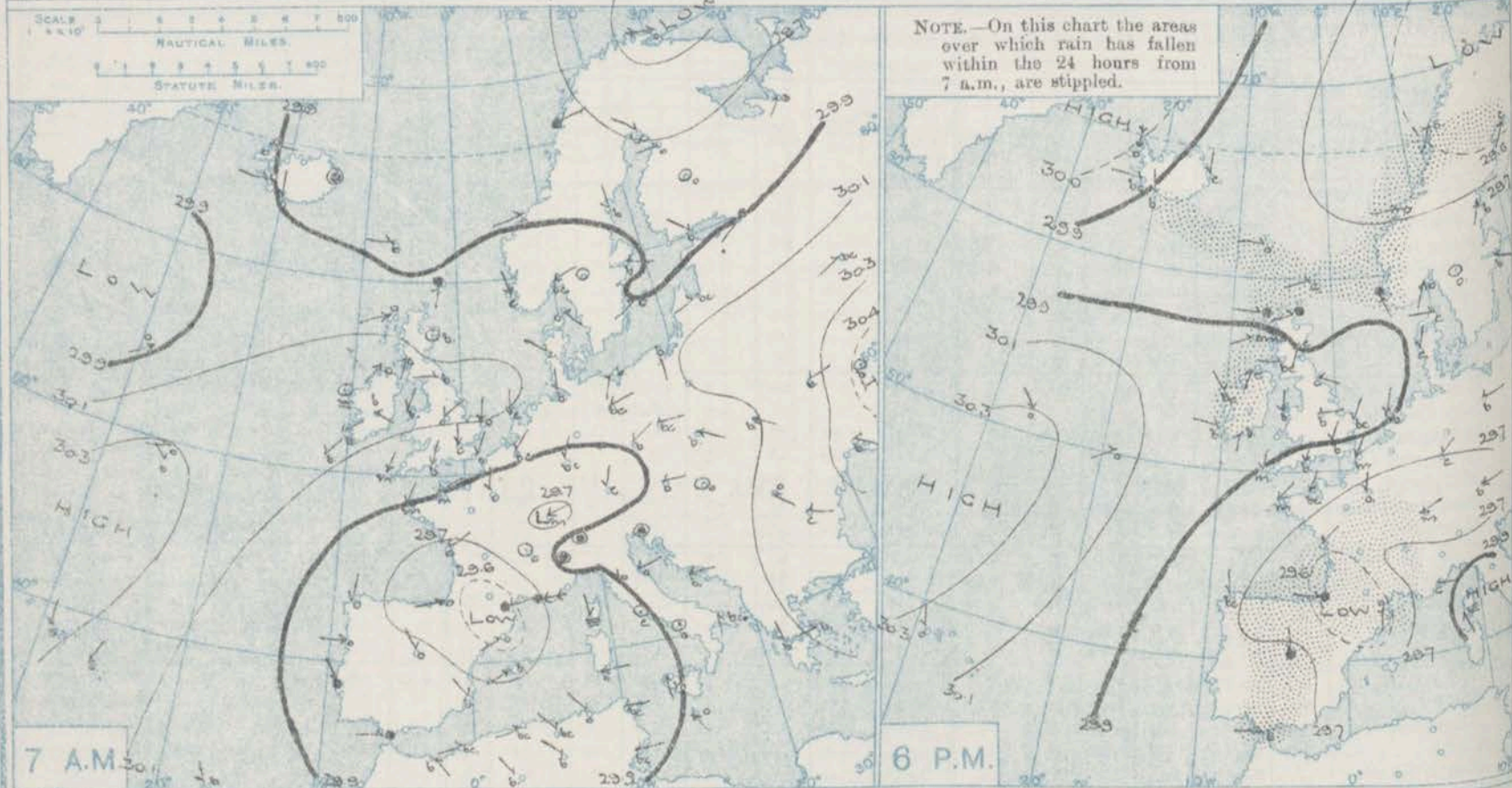
* Information for these columns not usually received.

† Received too late for insertion in *Charta*.

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



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



GENERAL INFERENCE

WEATHER PROSPECTS.

The depression off the north of Scotland seems likely to pass on to Norway during the ensuing twenty-four hours, and in its rear the barometer

will rise decidedly over our western and northern districts, while the wind will become North-Westerly or Northerly over the Kingdom generally.

FORECASTS FOR THE 24 HOURS NOON Saturday TO NOON Sunday.

0
1

Wind mainly between West and North-West or North, fresh or strong, a gale at times; changeable, some rain; temperature rather low.

2

South-Westerly to North-Westerly winds, light to fresh; fair, then some showers; temperature rather low.

3

Wind becoming Westerly or North-Westerly, light or moderate; fair to bright generally; temperature moderately high.

4
5

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

South coast hoisted at 8.50 this morning in Districts 0, 1, 6 and 9.

6

Same as Nos. 0 and 1.

7

Westerly to North-Westerly winds, light to fresh; changeable, some local showers; cool.

8

Same as Nos. 3 to 5.

9

Same as Nos. 0 and 1.

10

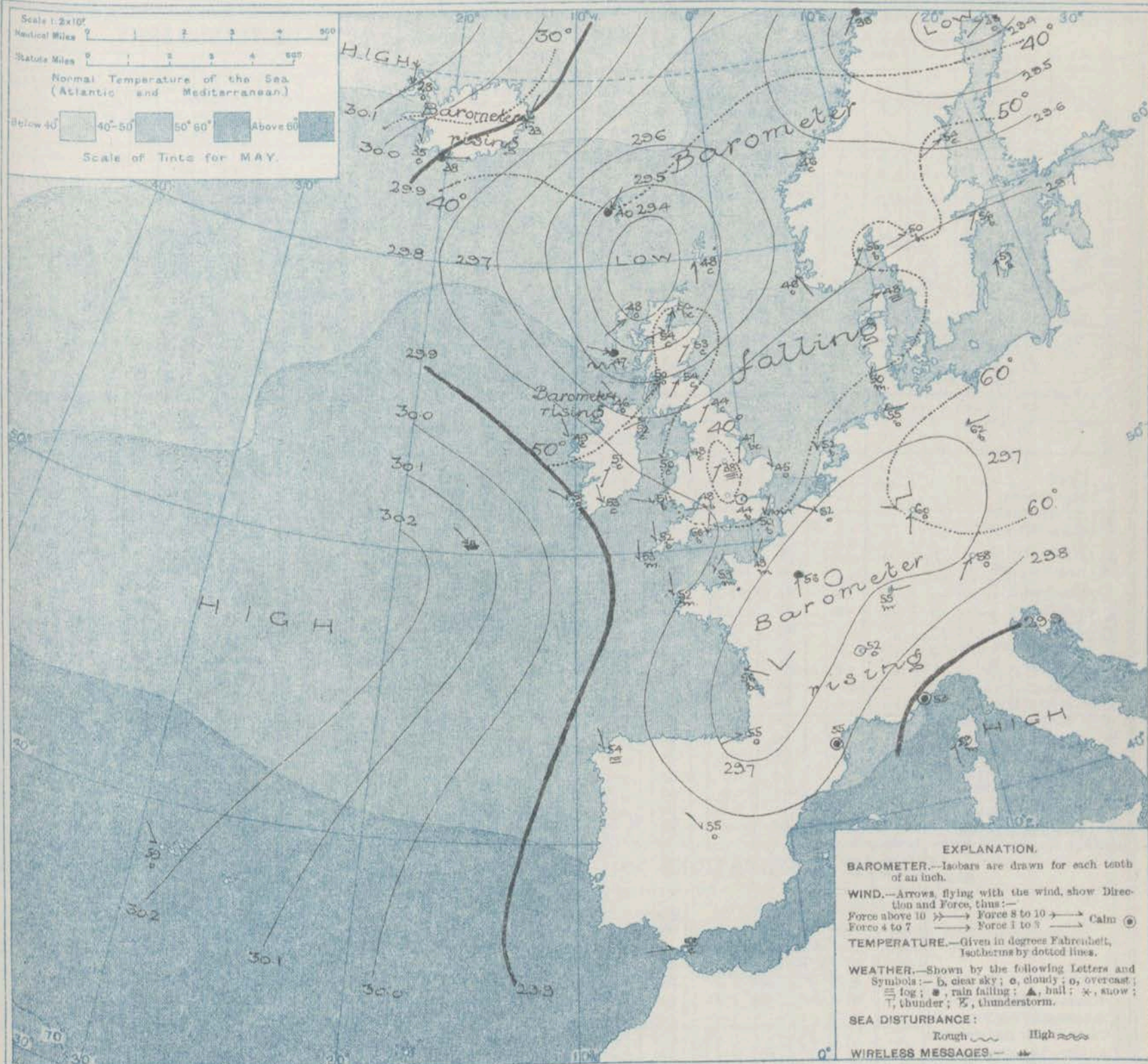
Wind mainly North-Westerly, light to fresh; mostly fair; moderate temperature.

11 WESTERN CHANNEL AND BAY.

Northerly to North-Westerly winds, light or moderate; sea slight; fair, some mist locally.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. SATURDAY, 17TH MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is below 29.4 in. in a depression over the extreme north of Sweden, and also in another disturbance which appears to have advanced from the westward to a position off the north of Scotland. In a shallow area comprising most of France and Germany the readings are below 29.7 in. At the Azores pressure is above 30.2 in., and relatively high thence to the south-west of these Islands, and in the North-West of Iceland it is above 30.1 in.

The wind is moderate to high from the North-Westward on our extreme north-west coasts, light or moderate from the South-West or South in the N.E. of

Great Britain, and North-Easterly to Northerly over the Icelandic region. Over the south and south-east of England the wind remains between North and North-East, light to moderate in force. Temperature has risen in several parts of the United Kingdom, and now ranges from 56° at Portland Bill, and 54° at Bournemouth to 43° at Blackpool-on-Sea. At Nottingham, where thick fog prevails, the reading is as low as 38°. In most parts of these Islands the weather is fair, but much cloud is reported along our extreme western and north-western coasts, with showers in the Hebrides. Rain is falling in some parts of France, also in the N.W. of Norway, & fog or mist prevails in Denmark.

DAILY WEATHER REPORT.

Saturday, 17th May, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward H = Homeward	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward H = Homeward	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
17th, Jan.	50	16	Beltie	O	30.17	+0.07	NW	4-5	O	16th, Jan.	53	29	Megantic	O	30.88	-0.03	SW	6-7	O
" "	51	12	Baronia	H	29.96	.00	W	1-3	C	" "	51	27	California	H	30.30	-0.01	NW	4-5	O
16th, 6pm.	50	18	Beltie	H	30.13	-0.03	WSW	1-3	O	" "	49	24	Laconia	O	30.36	-0.03	WSW	4-5	O
" 1pm.	51	9	Beltie	O	?	-0.01	WSW	1-3	bc.	" "	55	14	Victorian	H	30.13	-0.09	WSW	4-5	O
" 3pm. G.M.T.	53	54	Ice Scout "Scotia"	-	30.22	+0.04	E	2	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.	
		F.	F.						F.	F.			
Scotland.	In.					Hr.	Margate ...	In.					Hr.
Stonehaven ...	-	55	42	3b.	bc.	1.5	Ramsgate ...	-	50	47	o.c.	c	1.0
St. Andrews ...	-	57	37	b.c.	bc	5.9	Folkestone ...	-	50	46	*	*	9.2
Carnoustie ...	-	69	35	bc	bc	4.7	Littlestone ...	-	54	48	b	b	7.5
England, N.E.	-	64	37	*	*	5.7	Hastings ...	-	59	47	o.b.c.	b	9.8
Harrogate ...	-	58	38	bc.b.	b	9.8	Bexhill-on-Sea ...	-	60	47	c.b.c.	b	8.4
Scarborough ...	-	50	42	o.c.	c.b.	7.6	Eastbourne ...	-	67	46	o.b.c.	b	11.1
England, N.W.	-	53	33	b	b	13.0	Seaford ...	-	64	45	b	b	12.2
Blackpool ...	-	53	34	b	b	13.0	Brighton ...	-	66	45	bc.b	b	12.7
Southport ...	-	59	34	b	b	10.5	Worthing ...	-	65	44	b	b	12.7
Buxton ...	-	62	34	b	b	10.0	Littlehampton ...	-	67	44	b.c.	b	12.5
Leamington Spa ...	-	59	37	b	b	12.7	Southsea ...	-	66	43	b	b	12.5
Douglas ...	-	54	35	b	b	12.5	Bournemouth ...	-	66	43	b	b	12.5
Wales.	-	54	46	b	b	11.8	Weymouth ...	-	67	43	b	b	12.0
Rhyl ...	-	56	38	b	b	12.0	Teignmouth ...	-	66	45	b	b	11.8
Colwyn Bay ...	-	56	38	b	b	12.0	Torquay ...	-	67	45	b	b	11.3
Llandudno ...	-	64	40	c.b.	b	12.3	Paignton ...	-	66	45	b	b	12.0
Bettws-y-Coed ...	-	58	40	c.b.	b	13.0	Ilfracombe ...	-	60	45	b	b	12.4
Aberystwyth ...	-	48	44	o.c.o.	o.c.o.	0.4	Weston-super-Mare ...	-	65	40	b	b	12.0
England, E.	-	57	45	bc	bc	9.2							
Lowestoft ...	-	52	45	o.c.b.	b	8.6							
Felixstowe ...	-	60	45	bc	b	9.0							
Walton-on-Naze ...	-												
Southend-on-Sea ...	-												

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun- shine for Yester- day.	STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.		
			Max.	Min.		Max.						Min.							
			24 HOURS ENDED 9 A.M. TO-DAY.																
Greenwich (Royal Obs.) ...	%	%	F.	F.	F.	In.				Hr.	Dublin to 4 p.m.	In.	F.	F.	F.				
City (Bunhill Row) ...	55	65	65	39	31	-	bc.b	b	b	8.9	Plymouth to 9 p.m.	-	60	41	38	bc	c.b.	b	12.2
Westminster (St. James's Pk.)	*	*	66	41	39	-	bc.b	bc.b	*	8.5	Darwen "	-	67	48	48	b	b	b	12.4
Camden Sq. (Brit. Rainfall)	73	31	66	41	39	-	bc.b	bc.b	b	8.7	Manchester "	-	63	34	28	bcw	bc	bc	9.8
Hampstead (Reservoir) ...	56	60	68	40	38	-	c.b.	b	b	9.0	Birmingham "	-	60	38	29	c.b	b	b	9.8
Kew. (See front page.)	*	67	61	38	32	-	bc.b	b	b	9.3	Oxford to 8 p.m.	*	63	42	41	bcw	bc	bc	9.8
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																			
Total.		Mean Rate.		Max. Rate.															
S. Kensington (Roof of M.O.)	56	60	18.11 Joules.		32.3 Milliwatts.		71 Milliwatts.		8.7	S. Kensington (Museum Grounds to 6 p.m.)	-	66	44	41	bcw	bc	bc	9.8	

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

NOTES ON YESTERDAY'S WEATHER.

17th, 18th, 19th, 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	3.57	11.49	7.41
Greenwich ...	3.55	11.49	7.42
Wick ...	4.8	11.56	7.44
Valencia ...	4.6	11.56	7.46
	3.44	12.8	8.33
	3.42	12.8	8.35
	4.46	12.57	8.27
	4.45	12.37	8.28

During yesterday temperature rose to 68° at Rain, 69° at St. Andrews, and to above 65° at several places in the South and South-west of England. Scarborough and on the east coast of Kent it only touched 50°, and at Lowestoft remained below that level. Rain has fallen in Ireland, the Hebrides and at Wick, but over the Kingdom generally the weather has been bright, the number of hours of sunshine having been large except in the extreme north and at some places on the east and South-east coasts of England.

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,
18th May 1913.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.					
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Force (0 to 12).	Dir.			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dir.	Max.	Min.	Morn'g 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.		
	In.	F.				In.	In.	F.							In.	F.	F.	cpm	cm	cp	Hours		
Lerwick	29.21	48	SE	2	m	29.20	+0.1	45	-3	WNW	5	c	4	0.07	50	44	cpm	cm	cp				
Stornoway	29.54	45	NW	6	c	29.66	+0.5	44	-4	NNW	7	c	6	0.08	51	40	org	c.org	c.org	1.6			
Castletown (Barra Isd.)	29.66	45	WNW	5	c	29.76	+0.5	45	-2	NW	5	bc	6	0.06	50	41	op.c	c.op.c	c.op.c	8.6			
Glasgow	29.64	47	NW	4	c	29.62	0.0	44	-6	NW	5	o	8	0.06	55	40	op.c	bc	c.op.c	9.4			
Malin Head	29.73	50	NW	6	cq	29.81	+0.3	45	-1	NW	8	cq	6	0.01	50	40	cq	bcq	bcq				
Blackod Point	29.90	50	NW	5	c	29.98	+0.2	46	-3	NNW	5	c	4	0.03	53	43	bc	cp	c				
Valencia	29.98	50	WNW	4	c	30.06	+0.2	48	-3	WNW	3	bc	5	0.04	54	45	cr	cr	cr	2.3			
Roche's Point	29.91	54	NNW	5	bc	30.01	0.0	47	-6	NNW	4	b	3	0.01	57	45	c.bc	bc	bc				
Birr Castle	29.86	55	W	5	bc	29.95	0.0	45	-6	WNW	4	bc	4	0.01	57	40	cp	bc	bc	8.2			
Donaghadee	29.75	53	NNW	5	bcq	29.79	+0.3	43	-9	NNW	4	bcq	4	0.02	54	42	bcq	bcq	bcq				
Liverpool Obsy.	29.76	52	W	4	b	29.78	+0.1	45	-3	W	6	bc	5	0.01	55	44	bc	b	bc	5.6			
Holyhead	29.79	53	WNW	3	b	29.87	+0.2	46	-4	NW	6	bc	6	0.01	56	45	bc	c.bc	c.bc	11.7			
Pembroke (St. Ann's Hd.)	29.83	52	W	1	b	29.91	+0.3	46	-5	WNW	4	b	4	0.01	57	46	bc	cr	bc	7.2			
Newquay	29.83	52	NW	4	c	29.97	+0.3	50	-2	NNW	6	b	5	0.01	55	47	bc	bc	bc	6.1			
Scilly (St. Mary's)	29.87	53	NNW	4	bc	29.99	+0.3	49	-4	NNW	5	bc	3	0.01	56	47	bc	bc	bc	7.7			
Jersey (St. Aubin)	29.76	59	W	3	bc	29.93	0.0	53	0	W	3	bc	3	0.01	65	48	bc	bc	bc	12.5			
Portland Bill	29.72	57	NW	3	b	29.87	+0.3	50	-6	WNW	4	bc	3	0.01	63	47	bc	bc	bc				
Dungeness	29.66	53	S	3	c	29.77	+0.4	52	+2	W	4	b	3	0.01	60	45	b	bc	bc				
Dover	29.67	52	W	2	b	29.78	0.0	51	+4	NW	5	b	2	0.01	67	45	c.bc	b	b	9.6			
Wick	29.28	44	WNW	6	c	29.40	+0.7	44	-6	NNW	6	org	5	0.23	52	42	bcq	cq	cq				
Nairn	29.47	47	W	7	c	29.54	0.0	45	-9	WNW	5	cq	4	0.02	57	40	cq	bcq	bcq	9.8			
Aberdeen	29.47	53	W	5	b	29.45	0.0	44	-9	WNW	6	org	3	0.01	61	43	cp.bc	bcq	bcq	10.8			
Leith	29.59	51	W	5	bc	29.58	+0.1	46	-8	W	4	c	4	0.01	57	41	c.bc	bcq	b				
North Shields	29.62	55	W	4	c	29.58	0.0	46	+2	WNW	4	c	2	0.01	60	39	c	o.c	c	7.8			
Spurn Head	29.64	56	W	5	bc	29.66	-0.1	47	0	WNW	6	bc	4	0.01	61	43	c	bcq	bc	11.9			
Yarmouth	29.64	51	SSE	1	b	29.70	0.0	46	+1	W	2	bc	2	0.01	56	42	bc	bc	bc	10.6			
Clacton-on-Sea	29.64	57	SE	1	b	29.74	+0.1	49	+6	WNW	4	bc	2	0.01	62	42	c.bc	bc	bc	10.6			
Nottingham	29.70	55	W	5	b	29.75	0.0	44	+6	WNW	3	cp	2	0.01	65	38	f.m.b	bc	bc	7.8			
Bath	29.74	59	NNW	3	bc	29.86	0.0	49	+1	WNW	5	b	2	0.01	68	40	bc	bc	bc	11.3			
London (Kew Obsy.)	29.66	66	NW	2	b	29.80	+0.2	48	+4	WNW	4	bc	2	0.01	69	43	bc	bc	bc	11.8			
Spitzbergen	29.94	15	NE	3	b	29.97	+0.2	14	-17	0	0	b	4	0.01	31	7							
Isafjord	30.21	21	N	9	c	30.27	+0.1	31	+3	N	8	c	4	0.01	31	7							
Reykjavik	30.02	47	N	5	b	30.18	0.0	31	-4	N	8	b	4	0.01	31	7							
Vestmanna	29.95	47	NW	3	b	30.04	+0.1	32	-6	N	2	b	4	0.01	31	7							
Seydisfjord	30.01	37	E	1	b	30.08	-0.1	30	-3	N	4	b	4	0.01	31	7							
Thorshavn	29.45	48	NE	5	o	29.55	-0.1	40	0	NNW	6	T	4	0.01	31	7							
Haparanda	29.65	41	N	2	bc	30.00	+0.6	36	-2	N	6	b	4	0.01	48	34							
Hernösand	29.65	50	0	0	c	29.73	+0.5	44	-10	NE	4	o	4	0.01	61	41							
Stockholm	29.63	54	SSW	2	b	29.59	-0.2	64	+8	S	2	b	4	0.01	70	46							
Wisby	29.67	54	SW	2	b	29.56	-0.5	65	+8	SE	2	b	4	0.01	66	46							
Karlstad	29.59	55	SW	2	b	29.48	-0.2	58	+8	E	2	bc	4	0.01	64	43							
Færder (X'land Fjord)	29.60	52	S	4	m	29.41	-0.1	54	-1	0	0	o	1	0.01	55	42							
Bodö	29.67	41	NE	4	bc	29.72	+0.2	43	+4	E	4	b	2	0.04	45	37							
Christiansund	29.45	49	E	1	c	29.34	-0.1	47	+1	0	0	c	2	0.05	49	43							
Skudenes	29.48	44	S	8	o	29.39	-0.1	46	0	S	6	c	4	0.04	46	43							
The Scaw (Skagen)	29.56	54	SSE	3	b	29.41	-0.2	52	+4	0	0	c	4	0.04	66	46							
Blaavands Huk	29.53	55	NNE	1	m	29.48	-0.3	50	0	NW	3	o	2	0.04	63	45							
Cuxhaven	29.50	64	E	2	o	29.51	0.0	50	-5	NW	3	o	0	0.28	70	50							
The Helder	29.60	50	NW	3	b	29.64	+0.4	50	-2	WNW	4	c	2	0.04	59	46							
Brussels	29.63	55	NW	1	o	29.71	+0.4	48	-4	WNW	2	T	4	0.04	60	42							
Berlin	29.55	65	S	1	bc	29.44	-0.3	62	0	W	4	c	4	0.04	61	57							
Frankfurt	29.63	60	SW	4	c	29.63	+0.3	54	-6	SW	1	T	4	0.04	66	54							
Munich	29.71	55	S	4	bc	29.71	-0.1	59	+1	W	5	c	4	0.28	64	50							
C. Gris Nez	29.68	53	WSW	2	m	29.79	+0.5	50	+1	NW	5	b	4	0.08	61	48							
La Hève	29.75	49	W	2	m	29.80	0.0	50	+1	N	4	bc	3	0.08	55	46							
Brest (St. Mathieu)	29.86	51	NNW	4	o	30.02	+0.5	49	-3	NNW	4	c	3	0.08	57	46							
Lorient (Rec Molen)	29.76	62	N	4	b	29.91	0.0	50	0	N	4	bc	3	0.08	66	46							
Rochefort (Ile d'Alx)	29.74	62	NW	2	c	29.91	+0.5	53	-3	NW	4	c	3	0.08	65	52							
Biarritz	29.83	56	W	4	o	30.01	+0.6	55	0	WNW	4	o	3	0.07	57	52							
Paris	29.68	59	NNW	1	o	29.78	+0.6	54	-2	NNW	3	b	4	0.08	66	46							
Belfort	29.73	54	W	4	o	29.78	0.0	53	-2	SW	4	T	4	0.08	63	51							
Lyons	29.76	56	S	3	o	29.84	0.0	54	+2	0	0	T	4	0.20	64	52							
Nice	29.89	58	0	0	f	29.88	-0.2	58	+5	0	0	b	2	0.24	66	50							
Perpignan	29.79	60	E	2	o	29.90	+0.4	60	+5	WNW	3	o	4	0.04	67	54							
Sanguinaire																							

GALFS.

Duration and Extreme Force
on British Coasts.Malin Head 7 a.m. 18th
NW 8.Wick.
Squalls W 8 in nightMalin. 2 p.m. - 5 p.m.
Ex. W 9.Aberdeen
Sq. W. 46 mph (8) at 4 p.m.
Sq. WNW 40 mph (8) at 7 a.m.

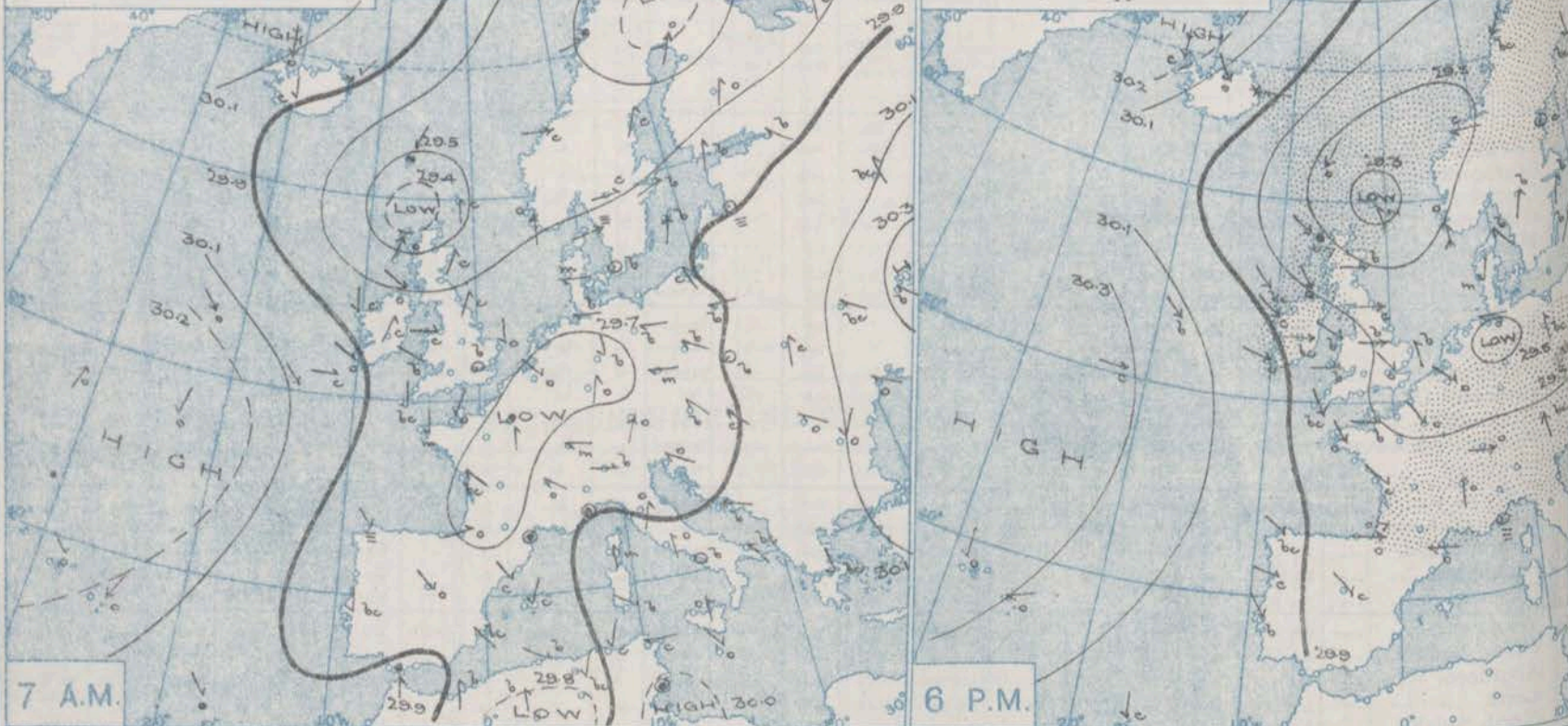
* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



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



GENERAL INFERENCE

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SUNDAY

TO NOON MONDAY

0 {
a
b

1

2 {
a
b

3

4 {
a
b

5

None Issued

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

SOUTH CONE hoisted at 8.50 yesterday morning in Districts 0, 1, 6 and 9.

6 {
a
b

7 {
a
b

8 {
a
b

9 {
a
b

10 {
a
b

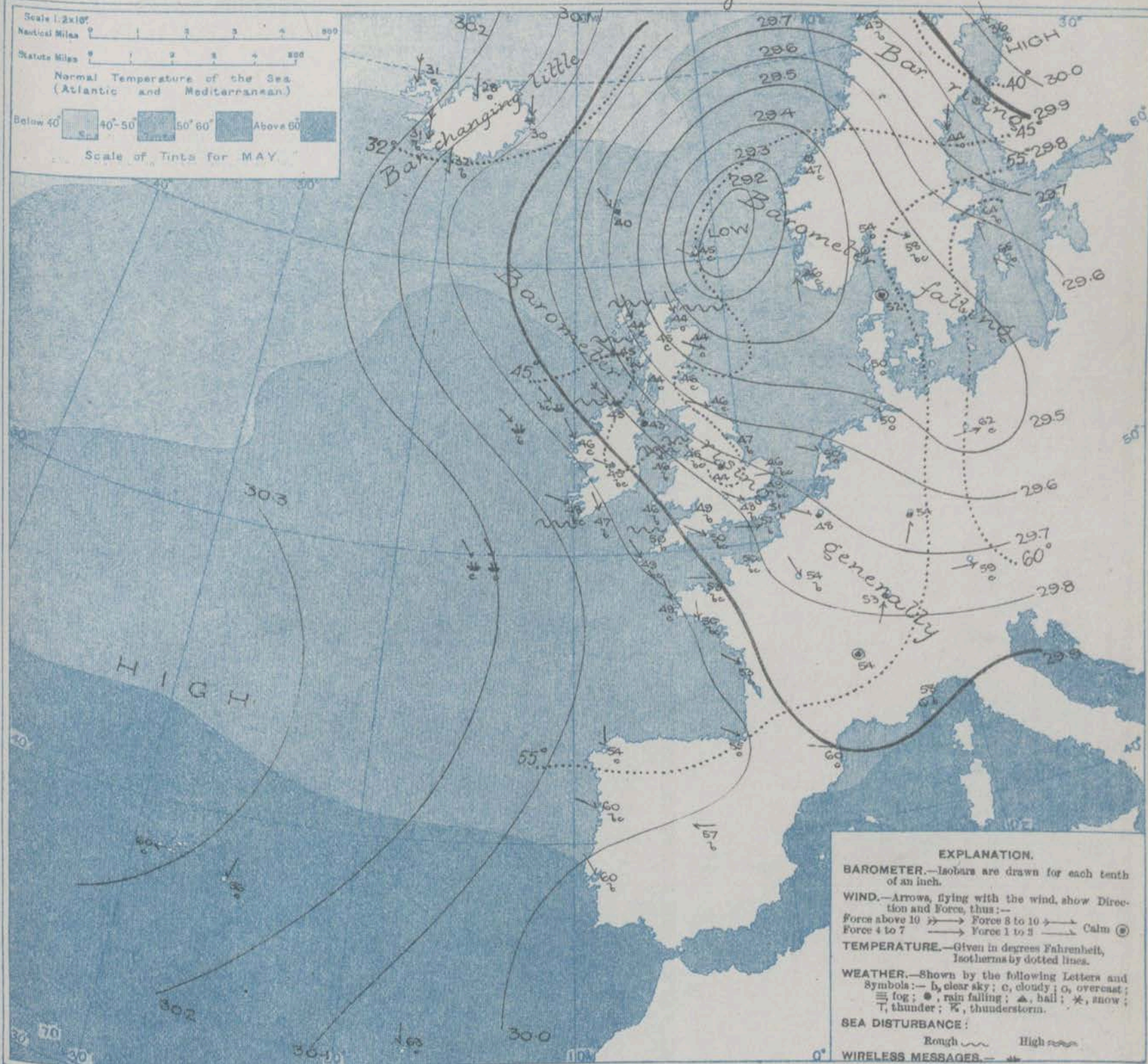
None Issued

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Sunday, 18th

MAY 1913



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.3 in. at the Azores and between Iceland and Greenland, and down at 29.2 in. in a depression centred near Shetland. There is a shallow secondary on the western part of the Baltic. The gradient is rather steep about Scotland, moderate to slight elsewhere.

The winds are very variable over Scandinavia, SE^ly to NE^ly over the rest of our area. Strong or high winds are reported in the north-west and north, a gale at Malin Head and over western Ireland. At the home stations temperature ranges from 43° at Donaghadee to 53° at Jersey; on the

Continent from 48° at Brussels to 62° at Berlin; in Scandinavia from 36° at Haparanda to 65° at Gillsby; and in Iceland from 28° to 32° . At Spitzbergen the reading is 14° .

⁹ Fair to very clear weather prevails extensively, but showers are falling at a few home and continental stations; snow in the east of Iceland. The sea is rough or rather rough on our western and north-western coasts.

DAILY WEATHER REPORT.

Sunday, 18th May, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
18th, 7 a.m.	55	11	<i>Cameronia</i>	O	29.92	+0.4	NW	6-7	bc	17th, 6 p.m.	55	11	<i>Empress of Ireland</i>	O	29.87	+0.1	NW	6-7	bc
17th, 6 p.m.	50	21	<i>Coltic</i>	O	30.24	+0.6	W	4-5	c.	17th, 7 a.m.	47	31	<i>Olympic</i>	O	?	?	SW	4-5	c.
"	48	20	<i>Kronland</i>	H	30.23	+0.2	NNE	4-5	c.	"	52	23	<i>California</i>	H	30.19	-0.4	NW	4-5	c.
"	53	18	<i>California</i>	H	30.16	-0.2	NW	4-5	b	"	47	23	<i>Kronland</i>	H	30.22	-0.3	NNE	1-3	c.

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

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

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.	
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In.	In Screen.		Night Min. on Grass.	Night.	Fore-noon.		After-noon.
			Max.	Min.		Max.								Min.						
			24 HOURS ENDED 9 A.M. TO-DAY.																	
Greenwich (Royal Obsy.) ...	%	%	F.°	F.°	F.°	In.				Hr.	Dublin to 4 p.m.	In.	F.°	F.°	F.°					
City (Bunhill Row) ...	4.5	6.0	71	45	37	-	b	b	b.c.	11.3	Plymouth to 9 p.m.	-	58	50	45	c.o.	c.p.b.	bcg	11.3	
Westminster (St. James's Pk.)	5.6	7.7	71	44	40	-	b	b	b.c.	11.6	Darwen "	-	64	48	40	bc	bq	bc	11.6	
Camden Sq. (Brit. Rainfall)	4.3	5.9	73	44	39	-	b	b	b.c.	11.0	Manchester "	-	54	41	38	ou.bc	ou.bc	bc	11.0	
Hampstead (Reservoir) ...	*	6.4	69	41	32	-	b	b	b.c.	12.3	Birmingham "	-	56	44	*	bc	c.o.	bc	12.3	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.								Oxford to 8 p.m.	-	63	41	25	b	c	b		
			Total.			Mean Rate.		Max. Rate.						69	38	34	bm.f	bm.	bm.bcc	
S. Kensington (Roof of M.O.)	4.5	6.1	2123 Joules.		369 Milliwatts.		74 Milliwatts.			12.8	S. Kensington (Museum Grounds to 6 p.m.)	-	67	44	37	b.b.c.	c.b.c.	b.p.b.c.	12.8	

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

18th & 19th May, 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 3.53	G.M.T. 11.49	G.M.T. 7.42
Greenwich ...	3.53	11.49	7.44
Wick ...	4.6	11.56	7.46
Valencia ...	4.5	11.56	7.47
	3.42	12.8	8.35
	3.40	12.8	8.37
	4.45	12.37	8.28
	4.44	12.37	8.29

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to about 70° at many places in southern England, but remained below 60° in the North-West and North of the Kingdom. Showers were experienced in Ireland and Scotland, the measurement being slight generally, but as much as 0.7 in. at Stornoway. Over the country as a whole the day was very bright, the sunshine records exceeding 12 hrs. at many southern stations. A gale from the W. occurred on some parts of the north-east coast of Scotland. According to wireless reports a moderate to fresh breeze from the N.W. prevailed as far west as the 18th meridian.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday
19th May 1913.

1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 2).	Rain- fall.	TEMP.		WEATHER.				
		At 82° Fabr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac.	Change since 4 a.m.				Dry Bulb.	Change since Yester- day.	Dirac.	Force (0 to 12).						Weather.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.	
																				Hours				

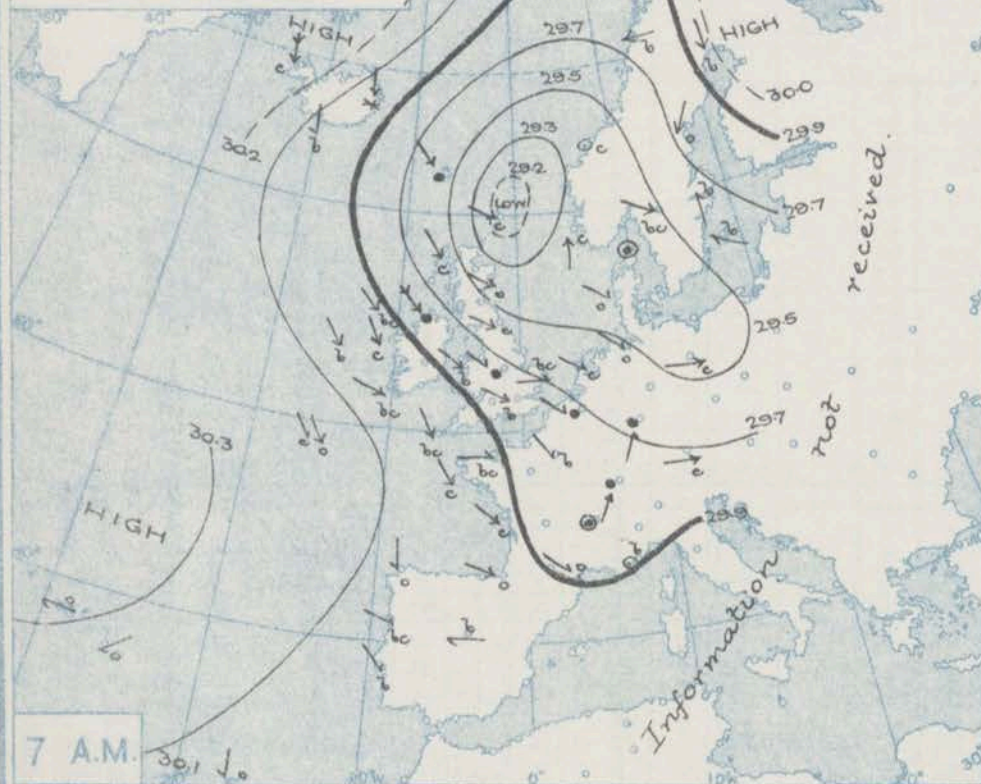
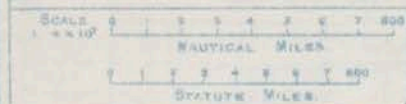
GALES.
Duration and Extreme Force
on British Coast.

Lerwick. 11 p.m. - 7 a.m.
Extreme NW. 9.
Wick. 7 a.m. - 6 p.m.
Extreme NNW. 8.
Nairn. Noon. - 5 p.m.
Extreme NW. 8.
Aberdeen. 2 p.m.
Squall 50 mph (9).

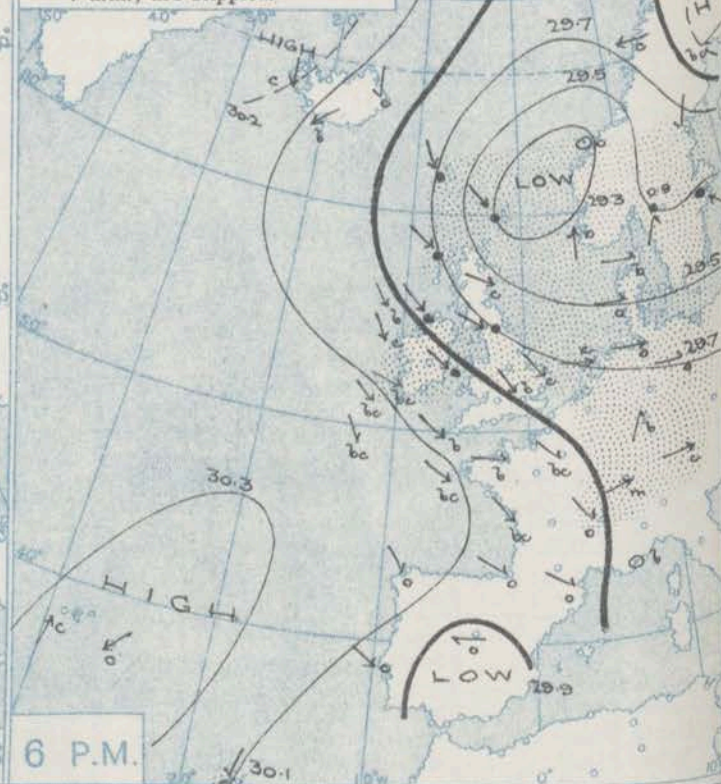
* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



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



GENERAL INFERENCE

The depression over Norway will continue to pass away, but small secondary disturbances in its rear will cause occasional squalls and

WEATHER PROSPECTS.

showers in the north. Over the greater part of the country the weather will be fair but cool.

FORECASTS FOR THE 24 HOURS NOON

- 0 {
a North-Westerly winds, fresh
or strong at times; considerable fair
intervals, some squalls and
showers; cold.
1 }

- 2 {
a
b Cool North-Westerly
3 }

- 4 {
a breezes; generally fair or fine.
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. ⚡

The Warnings Issued.

Monday

- 6 {
a
b
7 {
a
b

- 8 {
a
b

- 9 {
a
b

- 10 {
a
b

TO NOON Tuesday.

Same as Nos. 0 and 1.

* Same as Nos. 2 to 5.

Cool moderate to light North-Westerly breezes; fair or fine generally.

Cool North-Westerly breezes; mostly fair or fine; occasional local showers.

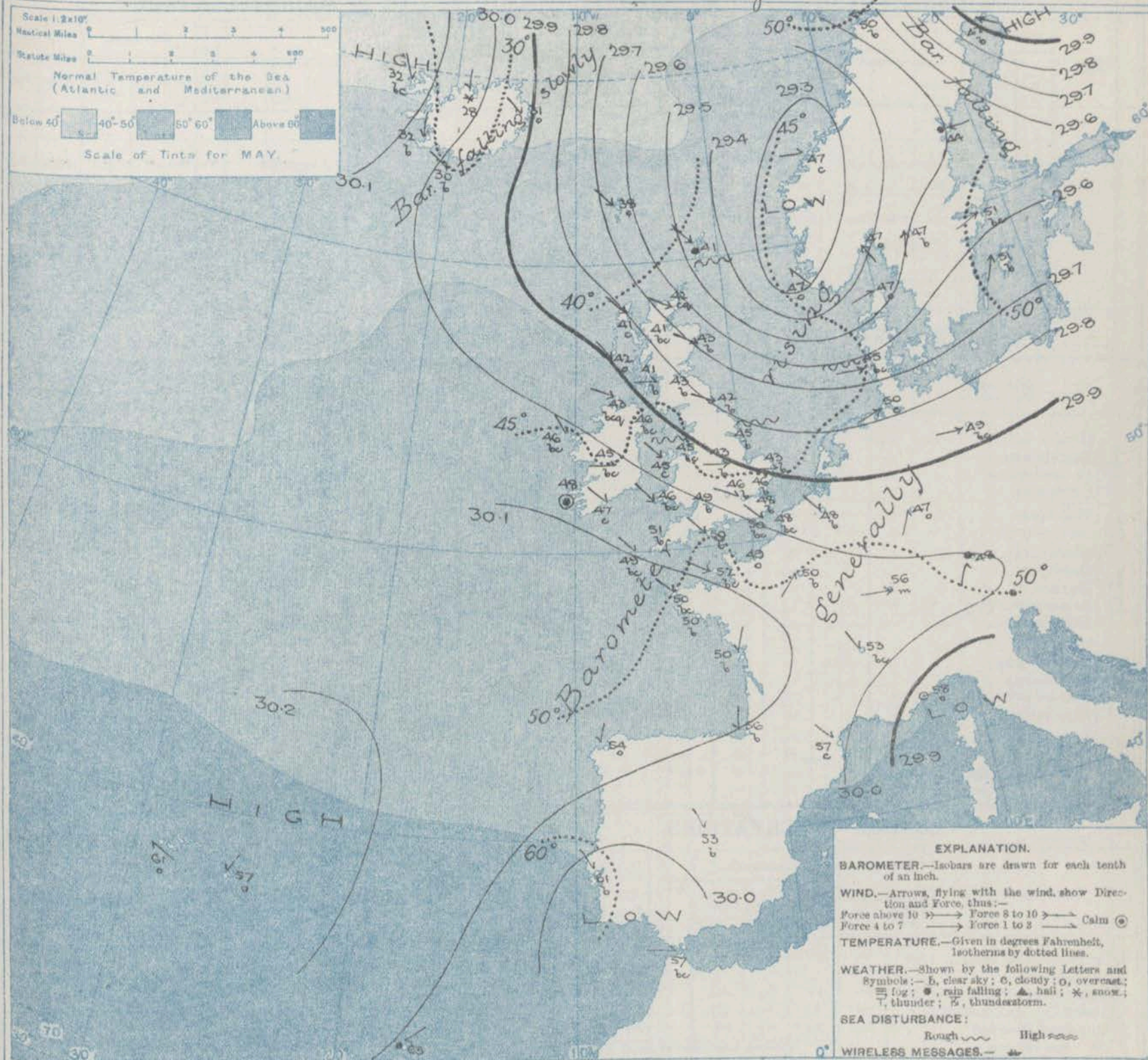
Same as No. 8.

11 WESTERN CHANNEL AND BAY.

Moderate or light North-Westerly breezes; moderate or slight sea; fine generally; cool.

THE FURTHER OUTLOOK.

MAY 1913



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A depression shown yesterday near Skotland has passed eastward to Norway, and a high pressure system is shown over the Bay of Biscay and to the westward of Iceland. The barometer is rising over the British Isles.

The wind is generally North-Westerly; it is blowing strongly in the east of Scotland and over the northern and eastern parts of the North Sea. Further to the south-west it is moderate or light in force. The morning

temperature readings are low for the time of the year and in general 2° or 3° lower than those reported yesterday. With the eastward spread of the North-Westerly wind, a sharp fall of temperature has occurred over Germany where this morning's readings are more than 10° colder than those of yesterday. The weather is fine excepting in the extreme north-east of the British Isles, where the conditions are unsettled and showery. The sea is rough in Shetland and the eastern part of the North Sea, generally moderate or slight on our own coasts.

DAILY WEATHER REPORT.

Monday, 19th May 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward or Homeward	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward or Homeward	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Direc.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Direc.	Force.	
18th 6 p.m.	51	11	Carmania	O	30.11	+0.5	NW	4-5	bc.	18th 7 a.m.	49	16	Marquette	O	30.27	-0.0	NNW	1-3	c.
" "	49	"	Kronland	H	30.18	+0.2	NNW	1-3	bc.	" "	49	14	Kronland	H	30.21	+0.1	NNW	4-5	c.
" "	55	10	Tunisian	O	29.95	+0.7	NNW	4-5	b.	" "	54	13	California	H	30.08	-0.1	NW	4-5	b.
1 p.m.	54	11	California	H	30.06	-0.1	NW	4-5	bc.										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.	F.	F.			Hr.	England, S.E.		In.	F.	F.			Hr.
{ Oban ...								{ Margate ...			57	47	b	b	11.6
{ Stonehaven ...								{ Ramsgate ...			57	?	"	"	11.5
{ St. Andrews ...								{ Folkestone ...			56	45	bc	b	10.4
{ Carnoustie ...			55	40	*	*	5.7	{ Littlestone ...			"	"	"	"	10.7
England, N.E.								{ Hastings ...			56	46	b, bc	c, bc	10.5
{ Harrogate ...			54	38	b, bc	bc	9.9	{ Bexhill-on-Sea ...			60	46	b, bc	bc	11.5
{ Scarborough ...			55	40	c, c	c, b	5.0	{ Eastbourne ...			60	46	b	b, bc	11.2
England, N.W.								{ Seaford ...							
{ Blackpool ...		0.02	52	43	p, bc	bc	9.5	{ Brighton ...			61	46	c, bc	bc, c	12.5
{ Southport ...			54	44	c, b	bc	8.5	{ Worthing ...			61	44	bc	b	12.9
{ Buxton ...		0.22	57	37	bc	bc	8.0	{ Littlehampton ...			"	"	"	"	12.7
{ Leamington Spa ...		0.01	55	38	b	p	11.0	{ Southampton ...			62	45	bc	bc	12.7
{ Douglas ...		0.05	50	42	bc, p	bc, p	11.5	{ Bournemouth ...			59	43	b	b	13.0
Wales.								England, S.W.							
{ Rhyl ...		0.06	51	42	b	ou	11.0	{ Weymouth ...			59	43	b	b	12.6
{ Colwyn Bay ...		0.03	50	42	bc, p	bc, b	9.0	{ Teignmouth ...			57	46	b	b	10.5
{ Llandudno ...		0.04	54	44	bc	b	8.5	{ Torquay ...			57	44	b	b	11.4
{ Bettws-y-Coed ...		"						{ Paignton ...			58	44	b	b	10.4
{ Aberystwyth ...			53	45	bc	bc	11.2	{ Ilfracombe ...			53	47	b	b	12.2
England, E.								{ Weston-super-Mare ...			57	45	b	b, bc	10.5
{ Lowestoft ...			58	41	c, c, o	c, c, p	9.1								
{ Felixstowe ...			58	46	bc	bc	10.6								
{ Walton-on-Naze ...			60	41	b, bc, b	bc, b	12.2								
{ Southend-on-Sea ...			59	44	b	b	10.5								

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.	STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.	
	1 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.			
			Max.	Min.		Max.												Min.		
			24 HOURS ENDED 9 A.M. TO-DAY.																	
Greenwich (Royal Obs.) ...	46	62	F. 60	F. 38	F. 27	In. 0.01	b, bc	bc, p	bc	Hr. 12.2	Dublin to 4 p.m.	In. -	F. 57	F. 42	F. 40	bc	bc	b, p	12.6	
City (Bunhill Row) ...	*	*	*	*	*	*	bc	bc	*	12.3	Plymouth to 9 p.m.	-	55	46	39	c, b	bc	bc	12.6	
Westminster (St. James's Pk.)	72	82	60	39	34	-	bc	bc	bc.	12.5	Darwen	"	"	"	"	"	"	"	"	
Camden Sq. (Brit. Rainfall)	-	59	62	39	25	-	bc, b	b	b, bc.	11.3	Manchester	0.16	53	41	*	bc, p	bc, bc	bc	7.8	
Hampstead (Reservoir) ...	*	89	58	37	28	-	b, p	bc, x	c	12.5	Birmingham	-	53	41	32	b.	bc	o	10.0	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																	
			Total.		Mean Rate.		Max. Rate.													
S. Kensington (Roof of M.O.)	-	54	2003 Joules.		34.5 Milliwaits.		88 Milliwaits.		12.8	S. Kensington (Museum Grounds to 6 p.m.)	-	67	44	37	b	c	b, p, bc	*		

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

19th, 20th May 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 3.55 3.51	G.M.T. 11.49 11.49	G.M.T. 7.44 7.46
Greenwich ...	4.5 4.4	11.56 11.56	7.47 7.48
Wick ...	3.40 3.38	12.8 12.5	8.37 8.39
Valencia ...	4.44 4.43	12.37 12.27	8.29 8.30

NOTES ON YESTERDAY'S WEATHER.

N. & N. gales were experienced in the east of Scotland and Shetland, where the weather conditions were unsettled. Over the country as a whole the weather was bright and large amounts of bright sunshine were reported from almost all stations. Local showers fell in many parts but the amount of rainfall was slight. The N. & N. breeze kept temperature low; the maximum readings being for the most part below 60°.

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

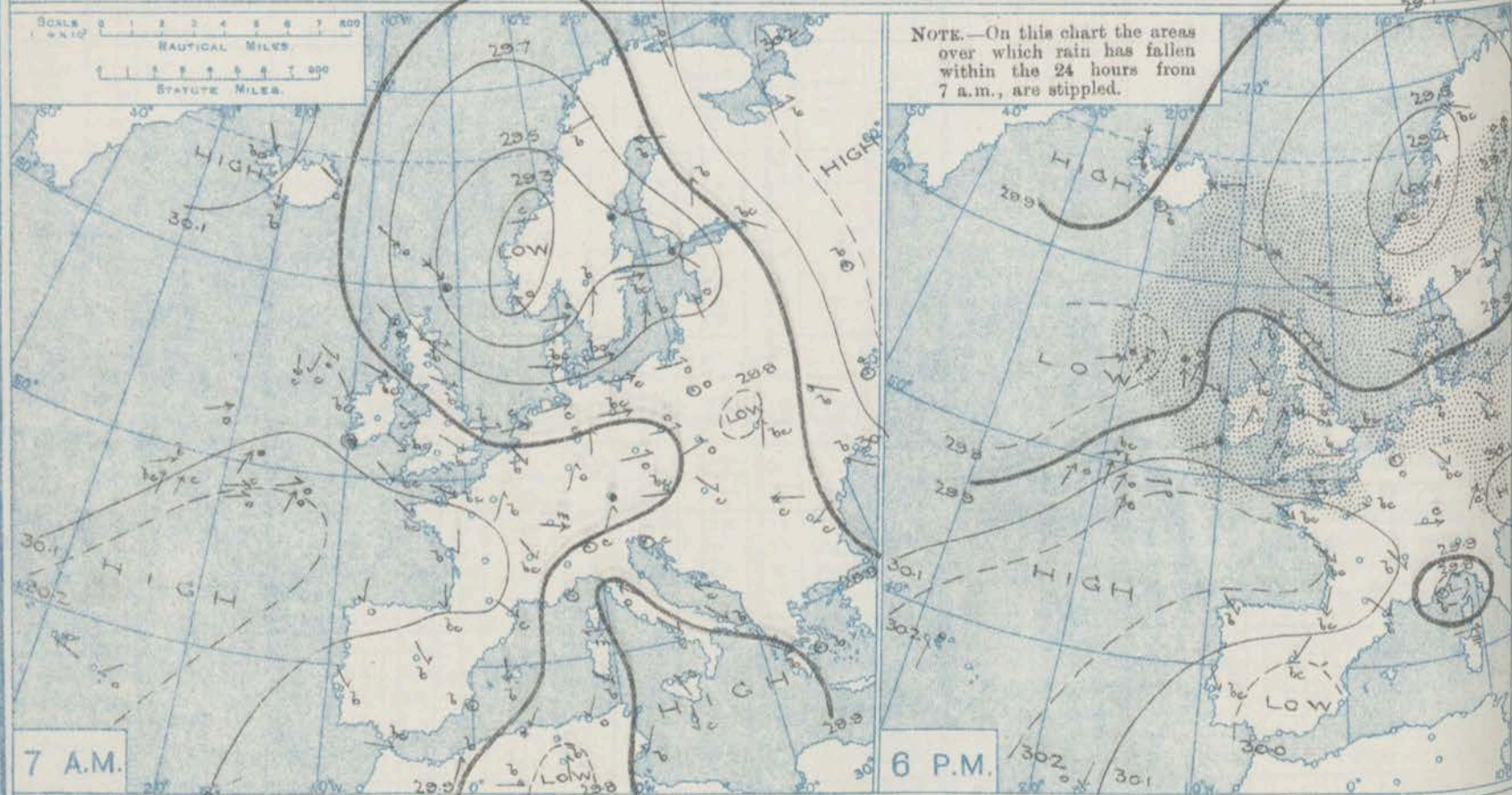
The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday
20th May, 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.			
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.			Change since 1 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.		Aft'n'g. 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.
		In.	F.	Dir.	Force (0 to 12).		In.	In.	F.		Dir.	Force (0 to 12).				In.	F.	F.	cbq.	cbq.	b or	Hours
Lerwick		29.63	42	WNW	6	c	29.69	+0.01	42	+1	SSW	5	r	4	0.24	46	38	cbq.	cbq.	b or	7.1	
Stornoway		29.90	44	WNW	6	bc	29.74	-0.05	42	+1	S	4	r	4	0.02	47	38	cbcpq	bcq	bc or	7.5	
Castlebay (Barra Isd.)		29.94	47	W	2	bc	29.71	-0.05	49	+7	W	3	r	3	0.18	49	40	opbc	bc	bc or	8.5	
Glasgow		29.93	45	W	3	bc	29.85	-0.06	40	-1	E	1	r	*	0.09	48	38	bc	c	bc or	*	
Malin Head... ..		29.96	47	WNW	2	bc	29.76	0.00	49	+6	WNW	5	fm	4	0.04	50	43	bc	bc	omp	*	
Blacksod Point		29.96	49	WNW	2	r	29.84	-0.03	50	+4	W	6	o	4	0.04	52	45	bcq	omp	omp	*	
Valencia		30.02	51	WSW	5	mp	29.44	-0.01	51	+3	S	4	o	4	0.10	54	48	omp	omp	omp	0.1	
Roche's Point		30.02	50	S	2	ome	30.04	*	51	+4	SW	3	o	3	0.02	53	47	dp	ome	mdo	*	
Birr Castle		29.98	53	SW	2	o	29.94	*	50	+5	SW	2	c	*	0.03	57	45	c	c.o.	d.c.	6.9	
Donaghadee		29.99	47	HNE	3	bc	29.85	-0.06	50	+4	SW	2	o	2	0.09	50	42	bcq	bc	omp or	*	
Liverpool Obsy.		30.02	48	W	4	bc	29.96	-0.02	49	+4	SSE	3	o	3	0.09	52	45	bc	b.	c.o.	11.5	
Holyhead		30.00	51	SW	5	bc	29.94	0.00	50	+5	SW	4	r	3	0.09	53	44	c bc	bc c	c o r	10.6	
Pembroke (St. Ann's Hd.)		30.07	49	SW	2	c	30.04	+0.02	50	+4	W	5	cgq	5	0.09	52	46	bc	bc	cg	8.0	
Newquay		30.09	49	WSW	2	om	30.12	+0.04	52	+2	W	3	o	3	0.07	54	48	bc	bc	oi	6.6	
Scilly (St. Mary's)		30.08	51	W	5	om	30.13	+0.01	51	+2	W	4	cm	4	0.01	56	48	cm	om	om	2.6	
Jersey (St. Aubin)		30.16	54	W	3	bc	30.22	*	52	0	W	5	o	4	0.04	56	48	cpq, bc	b.	ogt	9.8	
Portland Bill		30.08	53	W	4	c	30.10	+0.02	52	+2	WSW	5	c	4	0.02	55	49	bc	bc c	c o d	*	
Dungeness		30.02	50	S	2	c	30.11	+0.02	50	0	SW	3	c	2	0.11	58	39	cg	cltp	c	*	
Dover		30.02	50	SW	2	b	30.13	*	49	+1	SSW	2	o	3	0.04	57	40	b bc	bc p b	bc p b	11.0	
Wick		29.81	44	WNW	4	c	29.76	-0.02	43	+1	SSW	4	o	4	0.02	45	35	cpq	cpq	om	*	
Nairn		29.86	47	WNW	3	bc	29.79	-0.02	40	-1	-	0	o	1	0.02	50	35	q	qph	d.o.	5.7	
Aberdeen		29.87	48	WNW	4	b	29.85	-0.02	43	0	SSW	3	o	2	0.01	50	37	bcq	bcq	b.o.	11.8	
Leith		29.91	50	WNW	2	c	29.85	-0.05	42	-1	SSE	1	od	*	0.01	53	40	b	bc c	bc b	*	
North Shields		29.91	50	WNW	3	c	29.95	-0.02	42	0	S	2	r	3	0.03	52	36	c.o.	o.c.	c.r.	7.9	
Spurn Head		29.97	48	WNW	3	c	30.01	0.00	48	+3	SSW	3	cm	4	0.02	54	42	bcq	f.gp	bc cm	8.1	
Yarmouth		29.97	49	E	2	bc	30.08	+0.03	48	+5	SW	2	bc	1	0.02	54	40	b bc	bc	c bc	8.1	
Clacton-on-Sea		29.99	54	W	2	bc	30.10	+0.02	50	+4	SW	1	bc	0	-	57	41	b bc	c bc	bc	9.8	
Nottingham		29.99	52	WNW	4	b	30.02	*	47	+4	SW	2	om	*	-	56	40	bc	c b.	b.o.	10.3	
Bath		30.07	53	W	4	b	30.08	*	52	+3	W	3	r	*	0.01	57	44	*	*	*	12.2	
London (Kew Obsy.)		30.03	57	W	2	bv	30.10	+0.01	49	+3	S	2	o	*	0.01	57	40	b bc	bc p b	bc p b	10.8	
Spitzbergen		29.90	25	-	0	b	29.89	0.00	24	0	-	0	b	*	-	28	5	*	*	*	*	
Isafjord		29.98	36	N	8	b	29.82	-0.02	37	+5	NE	3	c	*	-	*	*	*	*	*	*	
Reykjavik		29.91	47	N	4	b	29.71	-0.04	32	0	E	1	b	*	-	*	*	*	*	*	*	
Vestmanna		29.83	45	-	0	b	29.65	-0.02	38	+8	-	0	b	0	-	*	*	*	*	*	*	
Seydisfjord		29.84	36	E	3	s	29.69	-0.02	33	+2	SW	3	o	*	-	*	*	*	*	*	*	
Thorshavn		29.63	39	WNW	6	s	29.59	-0.01	38	0	WNW	4	o	*	-	*	*	*	*	*	*	
Haparanda		29.65	42	SSW	6	o	29.78	+0.02	35	-12	SW	2	bc	*	0.24	47	35	*	*	*	*	
Hernösand		29.63	45	S	4	b	29.75	+0.04	45	+1	S	4	b	*	0.20	54	?	*	*	*	*	
Stockholm		29.78	49	S	2	b	29.91	+0.04	51	0	SSW	4	c	*	-	59	43	*	*	*	*	
Wisby		29.86	47	SSW	4	b	30.00	+0.04	50	-1	SSW	2	b	*	-	55	41	*	*	*	*	
Karlstad		29.71	46	SW	6	bc	29.80	+0.04	47	0	SW	6	c	*	-	54	43	*	*	*	*	
Færder (X'anta Fjord)		29.56	47	SW	8	o	29.78	+0.06	49	+2	WSW	6	b	4	-	50	46	*	*	*	*	
Bodö		29.47	48	ESE	4	bc	29.53	0.00	47	-3	-	0	b	0	-	52	41	*	*	*	*	
Christiansund		29.40	45	-	0	c	29.53	+0.05	45	-2	SSW	2	c	3	0.08	47	41	*	*	*	*	
Skudenes		29.63	44	NNW	6	?	29.86	+0.04	44	-3	NNW	6	c	1	0.04	45	39	*	*	*	*	
The Scaw (Skagen)		29.74	45	WSW	5	o	29.90	+0.07	48	+1	W	4	c	1	0.04	52	41	*	*	*	*	
Blaavands Huk		29.89	44	WNW	3	c	30.04	+0.06	48	+3	W	3	bc	2	0.04	48	41	*	*	*	*	
Cuxhaven		29.95	46	W	3	b	30.08	+0.04	51	+1	SW	2	c	0	0.08	52	39	*	*	*	*	
The Helder		30.00	48	W	3	b	30.09	+0.04	51	+3	W	2	b	1	0.04	52	45	*	*	*	*	
Brussels		30.08	45	-	0	o	30.16	+0.05	47	-1	SSW	2	o	*	0.08	57	40	*	*	*	*	
Berlin		29.97	51	WNW	3	bc	30.12	+0.05	47	-2	WNW	3	b	*	0.08	56	41	*	*	*	*	
Frankfurt		30.08	46	WNW	1	b	30.21	+0.04	45	-2	S	1	b	*	-	57	39	*	*	*	*	
Munich		30.10	42	SW	5	c	30.19	+0.02	44	-4	WNW	3	c	*	0.20	52	29	*	*	*	*	
C. Gris Nez		30.05	49	W	5	r	30.12	+0.02	51	+3	SW	3	bc	2	0.08	55	46	*	*	*	*	
La Hève		30.13	50	NE	2	o	?	*	49	0	SSW	4	f	4	0.04	57	46	*	*	*	*	
Brest (St. Mathieu)		30.23	55	WNW	4	bc	30.25	+0.02	58	+8	WSW	2	c	2	-	56	48	*	*	*	*	
Lorient (Bec Melan)		30.19	54	WNW	5	c	30.19	*	54	+4	W	3	c	3	-	57	48	*	*	*	*	
Rochefort (Ile d' Aix)		30.20	55	NNW	4	bc	30.26	+0.04	53	+3	NNW	2	c	*	-	59	48	*	*	*	*	
Biarritz		30.19	57	HNE	4	bc	30.25	+0.01	53	-3	ESE	3	b	1	-	59	46	*	*	*	*	
Paris		30.10	53	W	3	b	30.23	+0.04	47	-3	S	1	o	*	0.39	59	38	*	*	*	*	
Belfort		30.06	53	W	5	c	30.26	*	43	-13	-	0	o	*	-	58	35	*	*	*	*	
Lyons		30.10	57	NNW	3	b	30.23	*	49	-4	N	1	b	*	-	64	43	*	*	*	*	
Nice		29.78	61	-	0	b	29.95	+0.02	57	-1	SW	1	bc	1	-	68	52	*	*	*	*	
Perpignan		30.06	62	WNW	4	b	30.18	+0.03	58	+1	WNW	3	b	*	-	67	50	*	*	*	*	
Sanguinaires		29.95	62	W	3	f	29.98	*	60	+1	W	3	f	4	-	68	52	*	*	*	*	
Corunna (S.a.m.)		30.17	55	NNW	3	b	30.13	0.00	54	0	NE	1	b	2	-	59	50	*	*	*	*	
Lisbon (S.a.m.) ...)																						

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 19TH MAY



GENERAL INFERENCE

WEATHER PROSPECTS.

Though the depression which has appeared on our western coasts appears to have no

great intensity, but it will cause unsettled weather, with occasional rain in all parts of the country.

FORECASTS FOR THE 24 HOURS NOON

Tuesday

TO NOON Wednesday.

0 {
a } Moderate to fresh South-Westerly
b } or Westerly winds, strong at times;
mostly dull, some rain, becoming
rather milder.

2 {
a } South-Westerly and Westerly
b } breezes, cloudy with occasional
rain, fine intervals later,
becoming rather milder.

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 Conc. ⚡

North Conc. ⚡

Signals hoisted this morning.

South Conc. ⚡

North Conc. ⚡

No warnings issued.

6 {
a }
b }

7 {
a }
b }

8 {
a }
b }

9 {
a }
b }

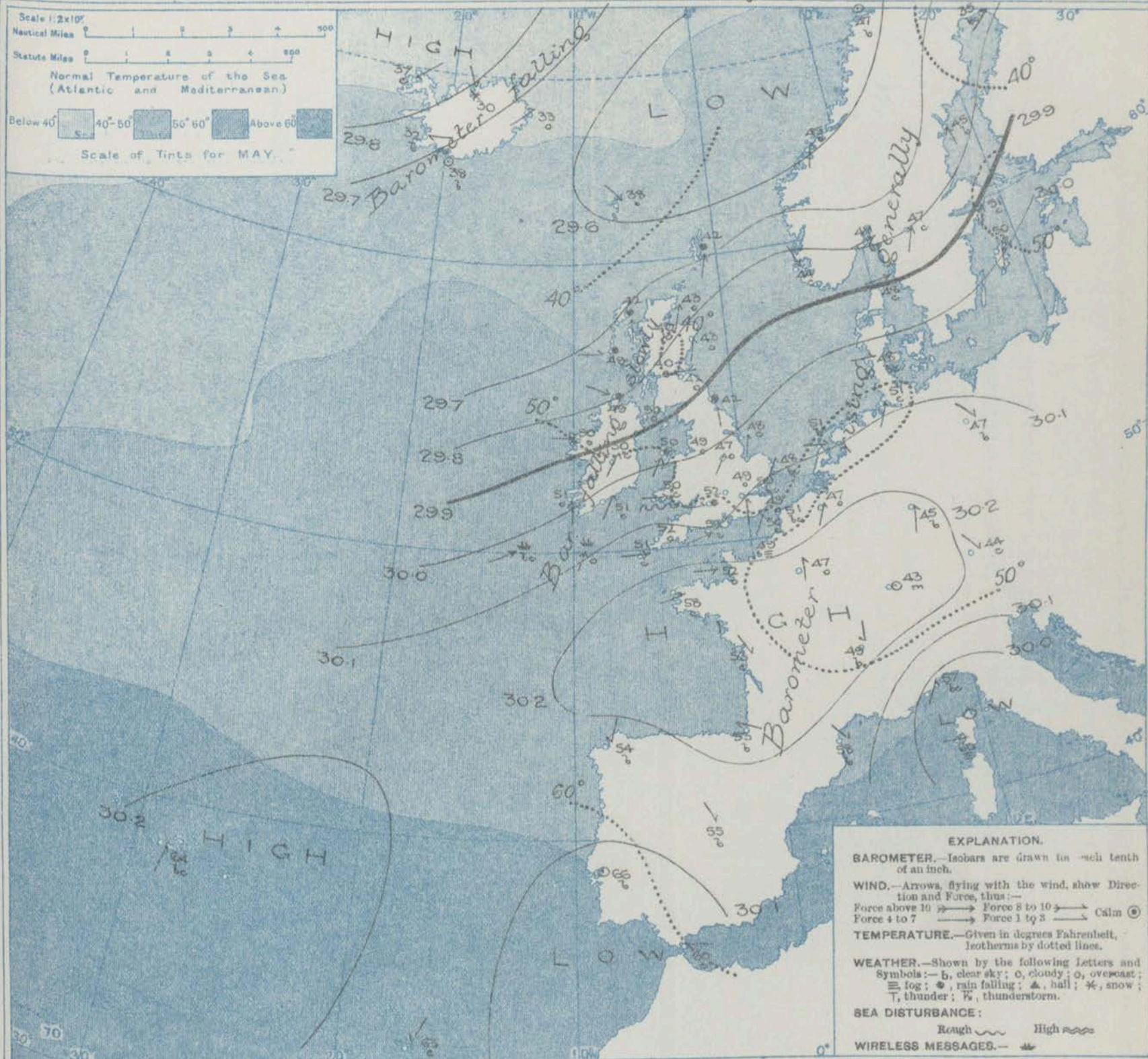
10 {
a }
b }

11 WESTERN CHANNEL AND BAY.

Freshening South-Westerly winds; moderate sea; unsettled, occasional rain; moderate temperature.

THE FURTHER OUTLOOK.

MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The British Isles are now situated between a high pressure system over the Bay of Biscay and a shallow but extensive depression off our north-western coasts. The lowest readings are reported from Faeroë and the stations in the north west of Norway.

The wind has become South-Westerly over our Islands and also in the Scandinavian

countries. It is blowing a fresh breeze at some of our exposed stations. The morning temperature readings range from 40° at Glasgow and Barm to 52° in the south-west of England. Over the continental part of our area they are, for the most part, below 50° . The sky is generally overcast and rain is falling at a considerable number of stations in the northern part of the country. On the continent the weather is mostly fine. The sea is moderate or slight on most of our coasts, rather rough off St. Ann's Head.

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.	Long.			Reading.	Change in 3 hours.	Dir.	Force.			Lat.	Long.			Reading.	Change in 3 hours.	Dir.	Force.	
20th 7 a.m.	50	13	Compania	H	30.03	0.0	WSW	(0-12)	bc	19th 7 a.m.	46	25	Compania	H	30.05	-0.7	SSW	4-5	bc
" " "	50	9	Ausonia	H	30.04	+0.1	SW	4-5	o	" " "	49	24	Francisco	H	30.05	-0.0	WSW	4-5	bc
19th 6 p.m.	49	22	Compania	O	29.84	-0.5	SW	6-7	o	" " "	48	23	Marquette	O	30.15	-0.1	SSW	4-5	bc
" " "	55	19	Compania	O	30.00	-0.1	WSW	4-5	bc	" " "	52	21	Ausonia	O	29.93	-0.3	WSW	4-5	bc
" " "	50	19	Compania	H	30.06	-0.1	WSW	4-5	bc	" " "	50	16	Ausonia	H	30.09	-0.0	SW	4-5	bc
" " "	50	19	Compania	H	30.00	-0.5	SSW	4-7	b	" " "	48	18	Marquette	H	30.23	-0.3	WSW	1-3	bc
" " "	49	16	Compania	O	30.07	-0.0	SW	4-5	o	" " "	50	17	Compania	O	30.13	+0.1	WSW	4-5	bc
" " "	49	16	Compania	O	30.15	-0.5	SW	4-5	m	" " "	48	17	Compania	H	30.29	+0.1	WSW	1-3	bc
" " "	55	17	Compania	O	29.76	-0.5	SW	4-5	m	" " "	55	15	Compania	O	29.97	-0.3	N	1-3	bc
" " "	49	14	Compania	H	30.24	-0.5	W	1-3	o	" " "	55	15	Compania	H	29.99	-0.0	NE	1-3	bc
" " "	49	14	Compania	H	30.26	-0.1	SW	1-3	b	" " "	49	14	Compania	O	30.19	-0.6	WSW	4-5	bc
" " "	55	13	Compania	O	29.86	-0.2	SW	4-5	bc	" " "	49	14	Compania	O	30.19	-0.6	WSW	4-5	bc
" " "	55	12	Compania	H	29.81	-0.4	SW	4-5	o	" " "	56	12	Compania	O	30.15	+0.3	SW	4-5	bc
" " "	50	14	Compania	O	30.11	-0.4	WSW	4-5	o	" " "	55	9	Compania	O	30.05	+0.3	WSW	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.	
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.
Scotland.	Oban	0.05	46	39	bc	bc, h	3.5	England, S.E.	Margate	0.01	57	41	bc	bc, b
	Stonehaven	0.02	54	37	bc	bc	10.6		Ramsgate	-	57	46	bc	bc, b
	St. Andrews	-	55	39	b	b, bc	6.5		Folkestone	0.03	58	41	bc	bc, b
	Carnoustie	-	54	35	a	a	6.9		Littlestone	-	-	-	-	-
England, N.E.	Harrogate	-	53	35	bc, b	bc, b	11.9	England, S.W.	Hastings	-	56	41	bc, b	bc, b
	Scarborough	-	55	39	c, b	bc	7.5		Bexhill-on-Sea	0.02	56	41	bc, b	bc, b
England, N.W.	Blackpool	0.02	51	41	c, b	c	9.0	England, S.W.	Eastbourne	0.13	54	42	bc, b	bc, b
	Southport	0.06	52	43	bc, b, r	bc, b, c	9.5		Seaford	0.05	55	41	c	bc, b
	Buxton	0.02	50	36	bc	bc	9.0		Brighton	0.12	55	43	c, b, c	bc, b
	Leamington Spa	0.02	55	37	bc	bc	8.0		Worthing	-	57	46	bc	bc, b
Wales.	Douglas	0.01	51	39	bc, b	b	9.5	England, S.W.	Littlehampton	0.01	57	42	bc	bc, b
	Rhyl	0.11	53	40	bc	b	12.4		Southsea	0.03	59	44	bc, b	bc, b
	Colwyn Bay	0.09	55	39	bc	b, bc, b	10.5		Bournemouth	-	59	42	bc, b	bc, b
	Llandudno	0.07	57	42	b	b	10.9		Weymouth	-	60	44	bc, b	bc, b
England, E.	Bettws-y-Coed	-	-	-	-	-	-	England, S.W.	Teignmouth	-	59	44	b	bc, b
	Aberystwyth	0.12	52	44	r, c, b	b, bc	10.2		Torquay	-	59	44	bc	bc, b
	Lowestoft	0.01	56	38	c, o, c	c, o, c	9.2		Paignton	-	59	45	b	bc, b
	Felixstowe	-	57	42	bc	bc	10.9		Ilfracombe	-	53	47	b	bc, b
England, E.	Walton-on-Naze	-	57	39	b, bc	bc	10.3	England, S.W.	Weston-super-Mare	-	55	44	b, bc	bc, b
	Southend-on-Sea	-	59	35	b	b	10.5							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.		Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.	
Greenwich (Royal Obs.)	67	62	57	37	0.01	c, bc	bc, c	10.2
City (Bunhill Row)	-	-	-	-	-	-	-	9.9
Westminster (St. James's Pl.)	62	63	58	41	0.02	bc	bc, r	10.1
Camden Sq. (Brit. Rainfall)	66	87	62	40	0.05	bc	bc, bc	9.7
Hampstead (Reservoir)	-	75	56	40	0.05	bc, b	bc	11.5
Kew. (See front page.)	-	-	-	-	-	-	-	-
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.								
Total.			Mean Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)			1693 Joules.		27.9 Milliwatts.		8.0 Milliwatts.	

Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.	
		In Screen.	Night Min. on Grass.	Night.	Forenoon.
Dublin to 4 p.m.	-	57	41	39	bc
Plymouth to 9 p.m.	-	57	45	40	bc, b
Darwen	0.12	56	35	32	bc, b
Manchester	-	52	41	-	bc, b
Birmingham	0.05	55	37	29	bc, b
Oxford to 8 p.m.	-	57	38	32	bc, b
S. Kensington (Museum Grounds to 6 p.m.)	0.02	57	41	32	bc, c

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

20th & 21st May, 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 3.51 3.50	G.M.T. 11.49 11.49	G.M.T. 7.16 7.18
Greenwich	4.4 4.2	11.56 11.56	7.46 7.50
Wick	3.36 3.36	12.8 12.8	8.39 8.41
Valencia	4.43 4.41	12.37 12.37	8.30 8.32

NOTES ON YESTERDAY'S WEATHER.

Fine weather prevailed over England and Wales during the greater part of the day, and the amounts of bright sunshine were generally large, over 10 hours in many places. The maximum temperatures were again low, for the most part below 60°. In Ireland and the west of Scotland the conditions were less settled and towards evening unsettled weather spread eastward.

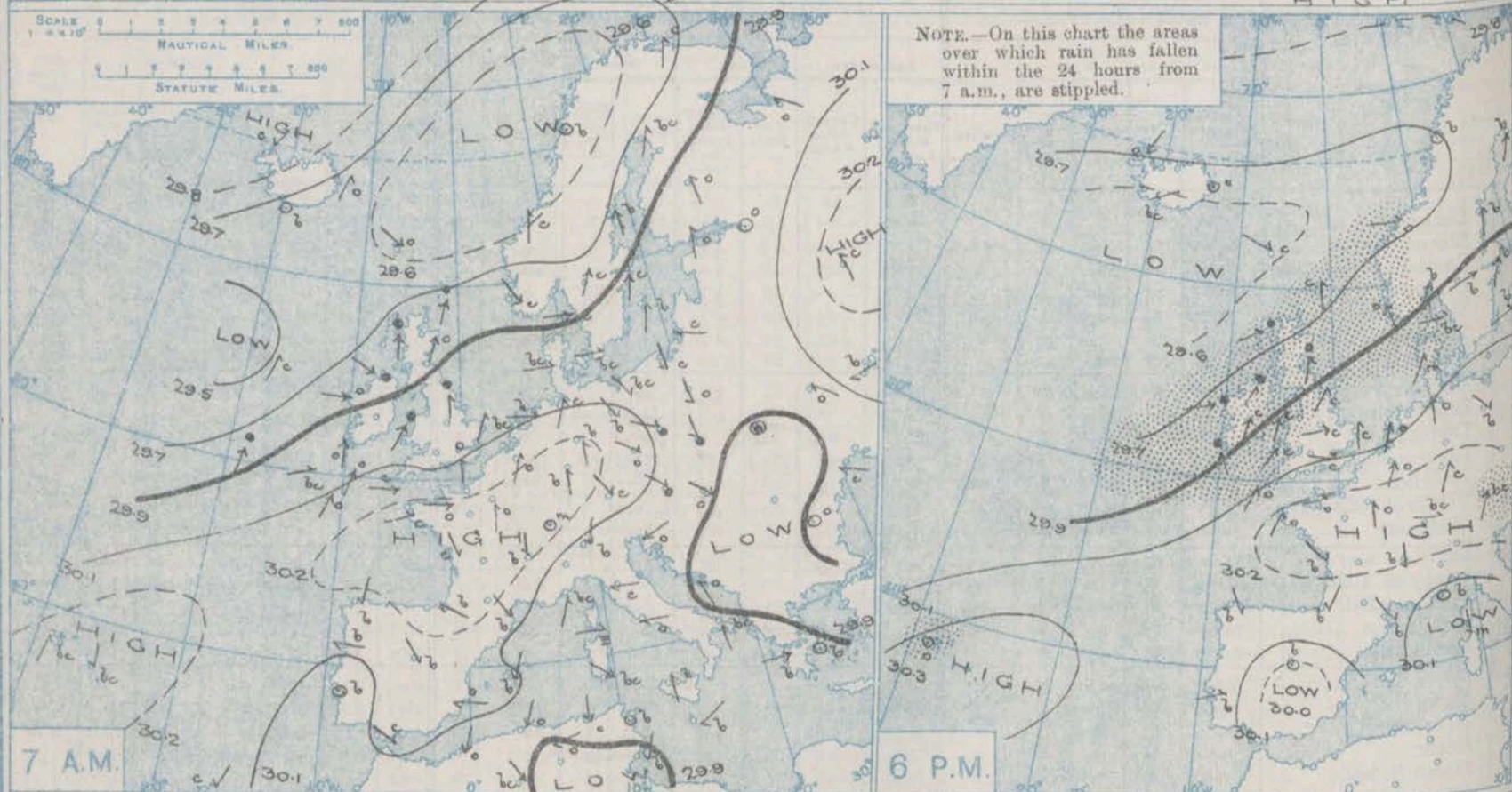
NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; l, lightning; m, mist; o, overcast sky; p, passing showers; q, squalls; r, rain;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

Printed at the Meteorological Office, South Kensington, London, S.W.
By WYMAN & SONS LTD., Fetter Lane, London, E.C., and Reading.

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

† Received too late for insertion in Charts.

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



GENERAL INFERENCE

Though the Barometer is rising in the west of Ireland, it is probable that a fresh fall will set in and cause unsettled weather in our

WEATHER PROSPECTS.

western districts before the ensuing twenty-four hours expires. In the south-eastern regions the conditions will be mostly fair.

FORECASTS FOR THE 24 HOURS NOON Wednesday

TO NOON Thursday.

- 0 {
a South-Westerly winds, fresh at times;
b unsettled, some rain; moderate temperature.
- 1 {
a Moderate South-Westerly winds;
b considerable fair intervals, some showers; moderate temperature.
- 2 {
a Moderate South-Westerly winds;
b fresh at times; mostly fair;
moderate temperature.
- 3 {
a Moderate South-Westerly winds;
b fresh at times; mostly fair;
moderate temperature.
- 4 {
a Moderate South-Westerly winds;
b fresh at times; mostly fair;
moderate temperature.
- 5 {
a Moderate South-Westerly winds;
b fresh at times; mostly fair;
moderate temperature.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

South Cone hoisted at 7.5 p.m. yesterday in Districts 8 to 11.

- 6 {
a Moderate South-Westerly winds, fresh at times; a good deal of cloud, occasional rain; moderate temperature.
- 7 {
a Same as Nos. 0 and 1.
b
- 8 {
a South-Westerly winds,
b strong at times; fair at first,
some rain to-night or to-morrow;
moderate temperature.
- 9 {
a South-Westerly winds,
b strong at times; fair at first,
some rain to-night or to-morrow;
moderate temperature.
- 10 {
a South-Westerly winds,
b strong at times; fair at first,
some rain to-night or to-morrow;
moderate temperature.

11 WESTERN CHANNEL AND BAY.

South-Westerly winds, strong along the Channel, moderate in Bay; sea moderate to rather rough; some showers; moderate temperature.

THE FURTHER OUTLOOK.

DAILY WEATHER REPORT.

Wednesday, 21st May 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
20th 1 p.m.	51	11	<i>Tranconia</i>	H	29.92	00	SSW	6-7	0	20th 7 a.m.	49	10	<i>Meneminee</i>	H	30.16	-05	SW	1-3	0
" 7 a.m.	51	18	<i>Sicilian</i>	O	29.72	+02	SSW	6-7	7	" "	49	10	<i>Messaba</i>	H	30.16	-04	SW	4-5	0
" "	55	17	<i>Lake Manitoba</i>	O	29.50	-02	SW	4-5	c										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.	F.	F.			Hr.	England, S.E.		In.	F.	F.			Hr.
Oban ...		...	...	...	...	...	...	Margate ...		...	...	...	...	...	...
Stonehaven ...		0.03	56	35	c	c	0.0	Ramsgate ...		0.01	58	39	b.c.	b.c.	0.0
St. Andrews ...		0.03	55	37	c	c	2.5	Folkestone ...		...	54	43	b.c.	b.c.	...
Carnoustie ...		0.06	57	36	x	x	0.4	Littlestone ...		...	...	...	...	...	...
England, N.E.								Hastings ...		...	59	42	b.c.	b.c.	...
Harrogate ...		...	54	37	c	c	0.1	Bexhill-on-Sea ...		...	58	42	c	c	...
Scarborough ...		...	58	39	c	c	0.5	Eastbourne ...		0.03	57	43	b.c.	b.c.	...
England, N.W.								Seaford ...		0.03	56	39	c	c	...
Blackpool ...		0.12	57	39	c	c	2.1	Brighton ...		0.01	58	42	c	c	...
Southport ...		0.05	56	43	b.c.	b.c.	1.5	Worthing ...		0.01	59	40	c	c	...
Buxton ...		0.01	55	38	b.c.	b.c.	2.5	Littlehampton ...		...	61	46	...	...	...
Leamington Spa ...		...	60	38	b.c.	b.c.	0.4	Southsea ...		0.01	61	45	b.c.	b.c.	...
Douglas ...		0.09	54	41	c	c	0.5	Bournemouth ...		0.04	61	47	c	c	...
Wales.								England, S.W.							
Rhyl ...		0.03	58	45	b.c.	b.c.	1.0	Weymouth ...		0.02	61	50	b.c.	b.c.	...
Colwyn Bay ...		...	58	45	b.c.	b.c.	2.2	Teignmouth ...		...	60	50	c	c	...
Llandudno ...		0.03	56	46	c	b.c.	1.9	Torquay ...		...	57	50	b.c.	b.c.	...
Bettws-y-Coed ...		...	...	...	...	...	...	Paignton ...		...	58	50	b.c.	b.c.	...
Aberystwyth ...		0.03	53	48	c	c	0.5	Ilfracombe ...		0.08	55	49	c	c	...
England, E.								Weston-super-Mare ...		0.03	57	46	b.c.	b.c.	...
Lowestoft ...		0.01	57	39	b.c.	b.c.	4.5								
Felixstowe ...		...	59	40	b.c.	b.c.	3.2								
Walton-on-Naze ...		...	58	42	b.c.	b.c.	4.2								
Southend-on-Sea ...		...	62	43	c	c	2.5								

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain- fall.	WEATHER.			Sun- shine for Yesterday.
	3 p.m. Yester- day.	9 a.m. To-day.	In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.	
Greenwich (Royal Obs.) ...	61	70	65	47	40	0	0.0	c.0	1.7
City (Bunhill Row) ...	...	...	...	...	...	...	...	...	1.5
Westminster (St. James's Pk.)	64	70	62	50	46	...	...	...	1.6
Camden Sq. (Brit. Rainfall)	60	70	64	48	44	...	...	...	2.3
Hampstead (Reservoir) ...	...	69	60	47	39	...	...	...	2.4
Kew. (See front page.)	...	...	...	...	...	...	...	...	...
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.			Mean Rate.		Max. Rate.				
S. Kensington (Roof of M.O.)			789 Joules.		13.9 Milliwaits.		69 Milliwaits.		1.2

Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.		
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.
Dublin to 4 p.m.	...	...	...	...	...	...
Plymouth to 9 p.m.	0.03	57	50	49	b.c.	c
Darwen "	0.08	54	36	36	b.c.	b.c.
Manchester "	...	...	...	...	...	...
Birmingham "	...	59	42	33	c	c
Oxford to 8 p.m.	...	59	41	34	b.c.	...
S. Kensington (Museum Grounds to 6 p.m.)	Trace	62	42	31	c	0.0

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

21st & 22nd May 1913.		Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.	
Yarmouth ...	3.50	11.49	7.48	
	3.49	11.49	7.49	
Greenwich ...	4.2	11.56	7.50	
	4.1	11.56	7.51	
Wick ...	3.36	12.8	8.41	
	3.34	12.8	8.43	
Valencia ...	4.41	12.37	8.32	
	4.40	12.37	8.34	

NOTES ON YESTERDAY'S WEATHER.

Rain has fallen throughout the north and west, but the amounts have not been heavy. There has been a good deal of cloud and the amounts of bright sunshine are generally small. They have been greatest along the south coast, east of the Isle of Wight. Temperature touched or slightly exceeded 60° at a considerable number of stations, in the north and west the values were somewhat lower, the maximum at Lerwick being only 50°.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday
22nd May 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.					
	At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Dirac.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dirac.	Morn'g. 7 a.m. to 1 p.m.	Aftern'o. 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.				
											Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'o. 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.								
BRITISH ISLANDS.	Lerwick ...	29.63	49	SE	3	b	29.67	+01	48	0	SSE	3	bc	2	0.05	50	44	mr	cbm	bsm	*		
	Stornoway ...	29.56	51	S	6	cdpq	29.70	+05	49	+1	W	5	r	4	0.11	53	46	cdpq	cdpq	bsdp	14.1		
	Castlebay (Barra Isd.)	29.59	50	SW	4	ep	29.77	+07	50	+2	W	3	o	3	0.06	51	45	dpco	dpco	dpco	5.0		
	Glasgow ...	29.69	49	SW	2	c	29.82	+06	50	+1	W	3	c	*	0.11	58	44	o.c.	et o.c.	obc.c.	3.2		
	Malin Head...	29.64	51	WSW	6	bcmg	29.83	+08	49	-1	W	4	c	3	0.09	55	47	cmg	bcmg	cmg	*		
	Blackod Point ...	29.71	51	WSW	5	c	29.92	+05	50	0	WSW	4	r	4	0.09	53	47	bcmg	cmg	cmg	*		
	Valencia ...	29.91	51	WSW	5	bcv	30.03	+01	50	-1	S	2	cmg	4	0.09	54	46	cmg	cmg	cmg	5.5		
	Roche's Point ...	29.88	52	W	4	ep	30.06	*	50	-2	SW	2	c	3	0.22	53	46	ep	ep	ep	*		
	Birr Castle ...	29.78	51	W	4	c	29.99	*	48	-3	W	2	m	*	0.27	57	45	ep	ep	cm	6.9		
	Donaghadee ...	29.70	55	SW	2	bcpq	29.89	+03	49	-1	W	2	op	2	0.15	60	45	bcpq	bcpq	bcpq	*		
	Liverpool Obsy. ...	29.81	52	SW	5	c	29.97	+03	49	-2	WSW	4	o	3	0.21	59	45	bcp	bcp	b	3.1		
	Holyhead ...	29.80	56	SW	3	orm	29.97	+04	49	0	SSW	3	cg	3	0.15	55	47	ac.b	b.c.	b.c.	6.3		
	Pembroke (St. Ann's Hd.)	29.90	48	?	?	?	30.07	+04	50	0	WNW	4	cgq	6	0.11	53	48	cgq	cgq	cgq	3.4		
	Newquay ...	?	?	?	?	?	30.14	+03	53	+2	W	2	b	4	Trace	57	48	o.c.	a boy	b.c.	4.0		
	Scilly (St. Mary's) ...	29.99	53	W	5	em	30.14	+03	51	0	W	3	omd	5	Trace	57	48	em	em	b.c.	5.3		
Jersey (St. Aubin) ...	30.08	55	W	3	c	30.22	*	52	-2	W	5	b	4	-	63	49	bc	cg	cg	7.8			
Portland Bill ...	29.99	53	SW	5	c	30.13	+04	51	-1	W	5	bc	4	-	54	48	c	c	el.b	*			
Dungeness ...	30.01	55	S	2	c	30.06	+05	53	0	SW	5	bc	3	0.01	59	48	w.c.	c	bc	*			
Dover ...	30.05	55	SSW	2	c	30.07	*	53	+2	WNW	3	b	4	0.09	58	46	o.c.	b.c.	b.c.	7.7			
Wick ...	29.61	53	SSW	1	bc	29.70	+03	51	+4	SSW	2	bc	2	0.05	59	42	omd	bc	bc	*			
Nairn ...	29.61	54	SW	2	bc	29.72	*	50	-2	-	0	c	1	-	63	37	b.b	g.b	b.c.	5.8			
Aberdeen ...	29.68	53	SSW	1	c	29.77	+03	52	+2	SW	1	b	2	-	58	42	c.b	b.c.	b.c.	5.1			
Leith ...	29.71	54	SSE	3	c	29.79	+03	51	-1	WSW	3	bc	*	0.07	62	45	c.b	b.c.	o.c.	*			
North Shields ...	29.78	55	SSW	3	ep	29.88	+05	50	-2	SW	2	c	2	0.02	60	43	o	c.c.	c	3.4			
Spurn Head ...	29.85	57	SSW	6	bc	29.94	+06	49	-3	W	6	bq	5	0.06	59	45	o.c.	cg	cg	3.2			
Yarmouth ...	29.98	62	SW	3	c	29.97	+08	50	-2	WNW	2	bc	2	-	65	46	c.b	b.c.	c.b	2.0			
Clacton-on-Sea ...	30.00	59	SSW	3	c	30.02	+06	51	-1	W	3	bc	2	Trace	60	47	o.c.	c	ep.b	2.7			
Nottingham...	29.88	54	SW	4	r	29.99	*	49	-2	W	4	cm	*	0.02	59	43	o	o.c.	ep.c	1.7			
Bath ...	29.96	56	WSW	3	b	30.11	*	51	-2	WNW	3	c	*	0.12	60	43	*	*	*	1.7			
London (Kew Obsy.)...	29.99	57	SW	4	o	30.08	+07	50	-3	WNW	2	b	*	-	63	46	o.c.	ev.o	o.c.	4.8			
ICELAND, FAROE, &c.	Spitzbergen ...	29.86	16	H	2	o	29.81	+02	24	+5	NW	7	o	*	24	12	*	*	*	*			
	Isafjord...	29.82	41	E	7	o	29.82	00	37	0	E	2	bc	*	*	*	*	*	*	*			
	Reykjavik ...	29.71	49	E	1	b	29.74	00	44	+5	-	0	b	*	*	*	*	*	*				
	Vestmanna ...	29.70	47	-	0	o	29.74	00	43	+3	-	0	o	1	*	*	*	*	*				
	Seydisfjord ...	29.71	43	NE	3	o	29.80	-01	38	+1	E	2	r	*	*	*	*	*	*				
	Thorshavn ...	29.56	47	SE	2	r	29.58	00	46	+3	SE	4	m	*	*	*	*	*	*				
SCANDINAVIA.	Haparanda ...	29.85	41	SW	4	bc	30.01	+04	47	+7	SSW	2	b	*	-	48	30	*	*	*			
	Hernösand ...	29.91	51	-	0	b	30.02	+04	54	+6	H	2	b	*	-	57	39	*	*	*			
	Stockholm ...	30.06	53	SW	2	o	30.09	+02	57	+5	SW	2	c	*	-	59	50	*	*	*			
	Wisby ...	30.14	50	SW	2	o	30.14	00	55	+1	WSW	2	c	*	-	59	45	*	*	*			
	Karlstad ...	30.03	50	SW	4	o	30.05	00	53	+7	SW	2	o	*	-	55	46	*	*	*			
	Færder (X'ania Fjord)	29.99	51	SSW	5	m	30.02	+02	50	+1	SSW	2	o	2	-	52	48	*	*	*			
	Bodö ...	29.89	47	E	1	b	30.00	+04	47	+1	-	0	b	0	-	48	41	*	*	*			
	Christiansund ...	29.87	45	-	0	o	29.89	00	53	+8	SE	1	c	3	0.08	54	45	*	*	*			
	Skudesnaes ...	29.96	47	SSE	6	o	29.86	-01	50	+2	ESE	4	o	2	-	50	46	*	*	*			
	The Scaw (Skagen)...	30.05	52	WSW	2	o	30.03	+01	51	+2	SSE	1	b	0	-	57	46	*	*	*			
GERMANY, &c.	Blaavands Huk ...	30.08	50	SW	2	m	29.93	-03	53	+1	SSE	3	m	2	-	54	48	*	*	*			
	Cuxhaven ...	30.13	56	SW	2	o	29.94	-04	52	-2	S	3	o	0	-	63	50	*	*	*			
	The Helder ...	30.06	55	S	3	bc	29.95	+01	51	0	W	3	o	2	0.28	59	48	*	*	*			
	Brussels ...	30.09	54	ESE	1	o	30.05	+03	51	-3	WSW	3	o	*	0.08	64	48	*	*	*			
	Berlin ...	30.17	60	S	1	b	30.10	-02	59	+9	S	2	b	*	-	68	48	*	*	*			
	Frankfurt ...	30.14	58	SE	1	b	30.04	-03	55	+4	-	0	m	*	-	70	45	*	*	*			
	Munich ...	30.23	49	E	2	b	30.09	-03	51	+2	SW	3	bc	*	-	59	37	*	*	*			
	C. Gris Nez...	30.04	56	-	0	o	30.06	+07	50	-4	W	5	b	4	0.20	63	50	*	*	*			
	La Hève ...	30.04	61	SW	3	o	30.13	*	51	-1	W	5	r	4	-	68	48	*	*	*			
	Brét (St. Mathieu) ...	30.13	57	W	4	c	30.27	+04	53	-1	W	3	m	5	-	59	50	*	*	*			
FRANCE.	Lorient (Roc Melen)...	30.14	57	NNW	5	bc	30.22	*	54	-1	W	4	c	3	-	64	48	*	*	*			
	Rochefort (Ile d'Als) ...	30.15	61	NW	3	b	30.30	+04	57	+2	WNW	3	o	*	-	63	54	*	*	*			
	Biarritz ...	30.17	58	W	4	o	30.34	+04	57	+2	NW	3	o	2	-	63	54	*	*	*			
	Paris ...	30.04	65	SSW	2	b	30.17	+07	56	+3	WNW	3	c	*	-	69	51	*	*	*			
	Belfort ...	30.13	61	E	4	m	30.14	*	55	+5	W	3	m	*	-	65	42	*	*	*			
	Lyons ...	30.10	67	NNW	1	b	30.19	*	60	+9	NNW	4	o	*	-	71	47	*	*	*			
SPAIN, PORTUGAL, &c.	Nice ...	?	58	-	0	b	30.04	-01	61	+2	-	0	b	0	-	70	50	*	*	*			
	Perpignan ...	30.10	67	-	0	b	30.20	+01	61	-1	NW	4	b	*	-	69	52	*	*	*			
	Sanguinaire ...	30.07	62	W	2	m	30.11	*	61	-1	S	1	m	1	-	68	54	*	*	*			
	Corunna (S.a.m.) ...	30.27	58	NW	2	b	30.36	00	52	-4	WNW	1	et	5	-	61	46	*	*	*			
	Lisbon (S.a.m.) ...	30.21	56	NNW	5	b	30.18	+03	62	+2	NNW	4	o	5	-	68	55	*	*	*			

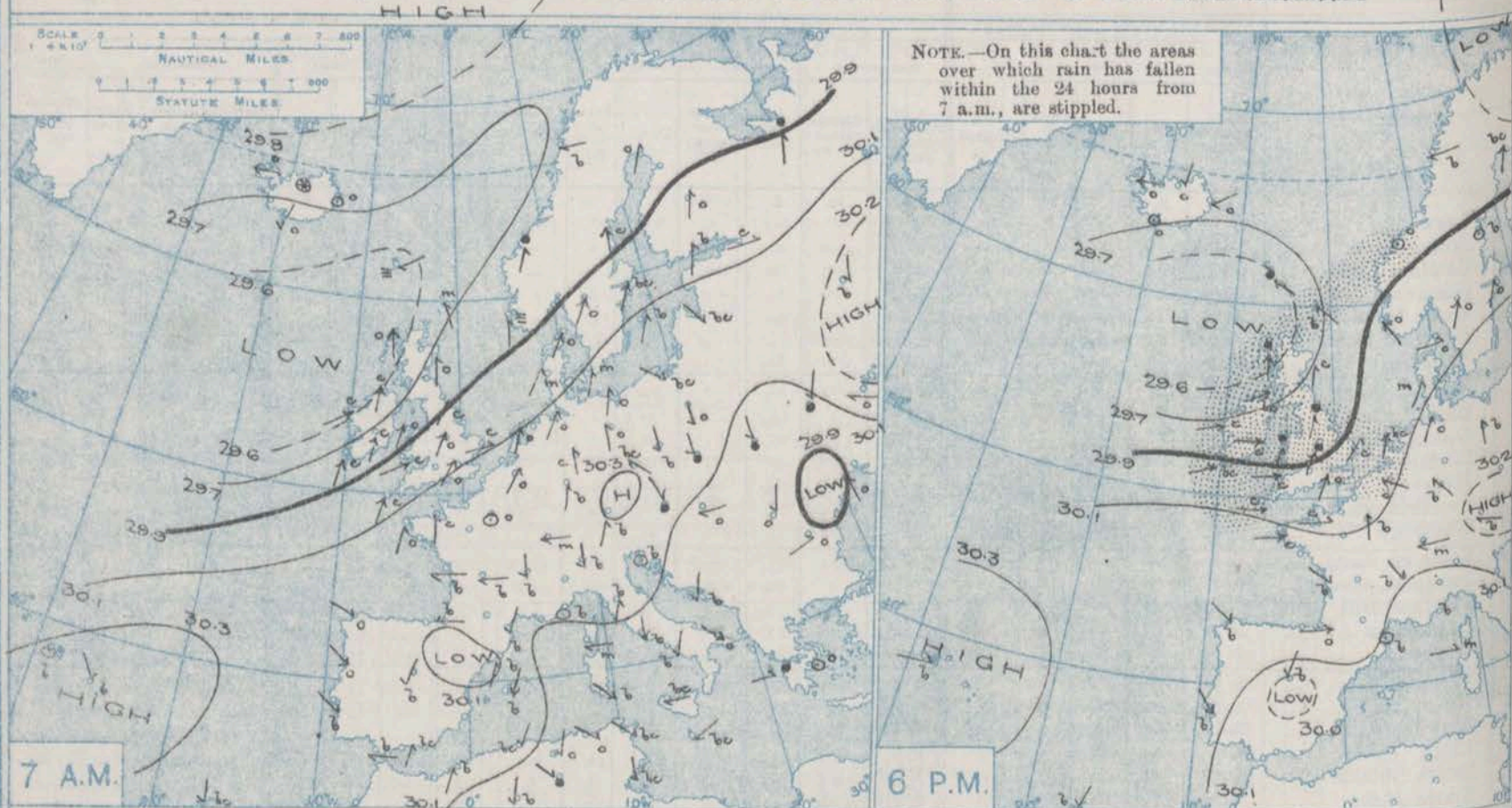
GALLES.

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. 21ST MAY.



GENERAL INFERENCE

The Atlantic high-pressure system is spreading northward, and the southern part of our Islands is likely to come under its influence.

WEATHER PROSPECTS.

In the North the conditions will remain unsettled under the influence of the northern low-pressure system.

FORECASTS FOR THE 24 HOURS NOON Thursday

0 {
a Westerly and South-Westerly winds, fresh at times; a good deal of cloud, occasional rain moderate temperature.
b

1 {
a Moderate Westerly breezes; mostly fair, some showers; moderate temperature.
b

3 {
a Westerly winds, moderate in force; fair or fine generally; temperature somewhat above the normal.
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.

TO NOON Friday

6 {
a Same as No. 0.
b

7 {
a Moderate or fresh Westerly winds; considerable fair intervals, but some showers; moderate temperature.
b

8 {
a Moderate to fresh Westerly winds, mostly fine, some local showers; moderate temperature.
b

9 {
a Same as No. 0.
b Same as No. 7

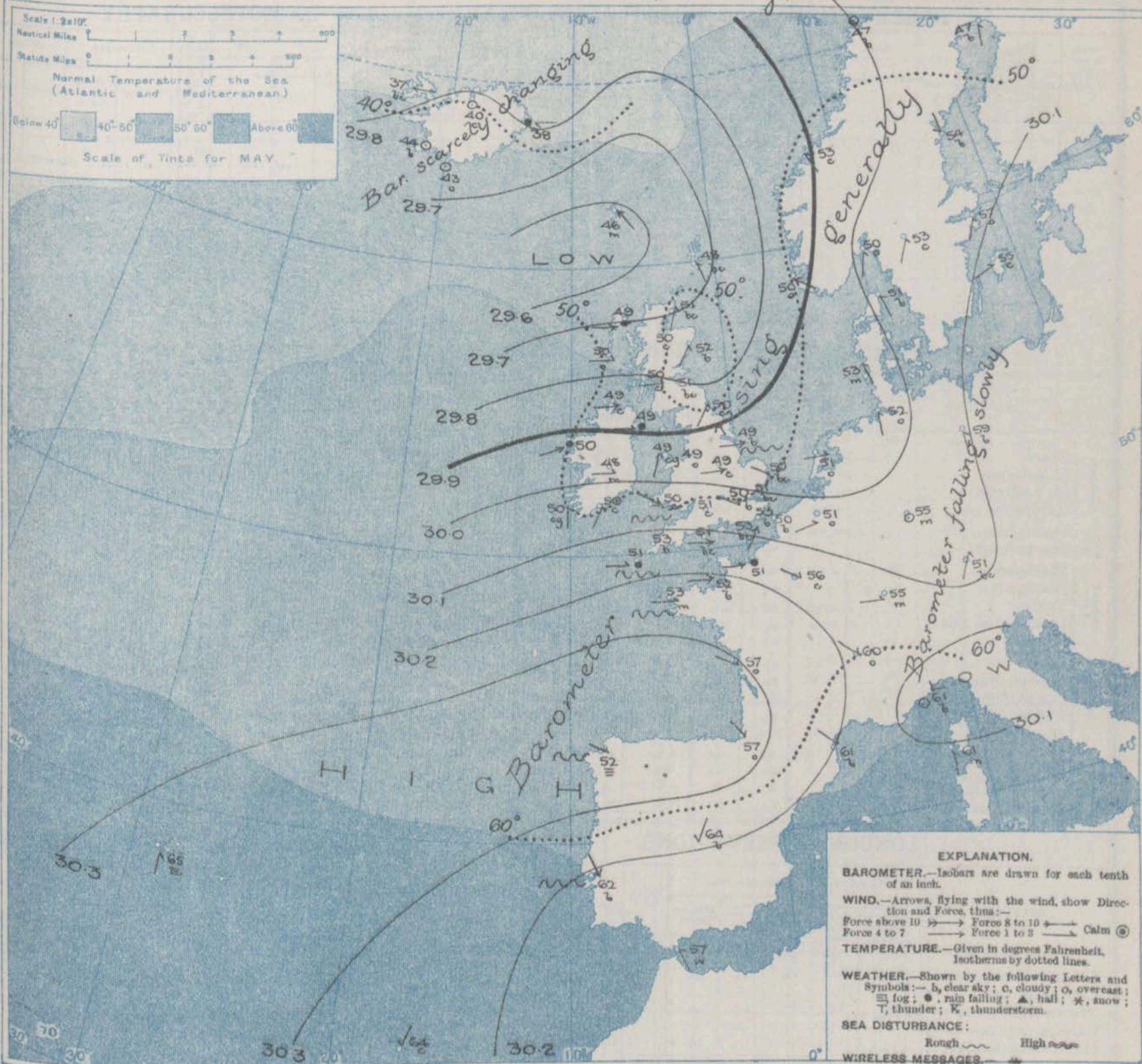
10 {
a Same as No. 8.
b

11 WESTERN CHANNEL AND BAY.

Westerly winds, fresh over mouth of Channel, less strong further south; mostly fair or fine; moderate temperature

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Thursday, 22nd MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.3 in. in the Atlantic anticyclone which has spread eastward, and now covers the Bay of Biscay. A shallow depression is still shown to the north of our Islands, with the barometer at 29.6 in. in Faeroë. A shallow secondary to this depression, which passed across the northern part of the British Isles during yesterday, lies over the North Sea.

The wind over our Islands is westerly

in direction, and moderate or light in force, though it is blowing freshly at some exposed stations. The weather is unsettled in the north-west, with showers at a good many places. Further south and east it is fine for the most part. Temperature readings range from 48° in the centre of Ireland and the extreme north of Scotland to 53° at Berquay and Dungeness. The sea is rather rough off Scilly, moderate or slight elsewhere.

DAILY WEATHER REPORT.

Thursday, 22nd May 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

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

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.	
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.
Scotland.	Oban	0.72	56	44	b.c.p.	b.c.p.	2.5	England, S.E.	Margate	...	64	45	b.c.	c.o.
	Stonehaven	0.18	53	41	b.c.	b.c.	6.6		Ramsgate	...	61	45	b.c.	b.c.
	St. Andrews	0.21	64	50	b.c.	b.c.	5.7		Folkestone	...	57	47	b.c.	b.c.
	Carnoustie	0.08	60	48	b.c.	b.c.	4.9		Littlestone	...	60	49	b.c.	b.c.
England, N.E.	Harrogate	0.08	58	47	b.c.	b.c.	1.1	England, S.E.	Hastings	...	60	49	b.c.	b.c.
	Scarborough	...	60	50	b.c.	b.c.	2.2		Bexhill-on-Sea	...	60	51	b.c.	b.c.
	Blackpool	0.08	58	50	b.c.	b.c.	3.4		Eastbourne	...	61	49	b.c.	b.c.
	Southport	...	59	50	b.c.	b.c.	3.4		Seaford	...	60	50	b.c.	b.c.
England, N.W.	Buxton	0.03	55	45	b.c.	b.c.	2.0	England, S.E.	Brighton	...	58	51	b.c.	b.c.
	Leamington Spa	0.08	59	50	b.c.	b.c.	1.5		Worthing	...	59	51	b.c.	b.c.
	Douglas	0.17	53	46	b.c.	b.c.	4.2		Littlehampton	...	59	51	b.c.	b.c.
	Rhyl	0.02	57	50	b.c.	b.c.	3.6		Southsea	...	60	50	b.c.	b.c.
Wales.	Colwyn Bay	0.03	58	48	b.c.	b.c.	6.0	England, S.W.	Bournemouth	...	59	51	b.c.	b.c.
	Llandudno	0.03	58	50	b.c.	b.c.	4.8		Weymouth	...	60	51	b.c.	b.c.
	Bettws-y-Coed	...	59	45	b.c.	b.c.	5.7		Teignmouth	...	60	51	b.c.	b.c.
	Aberystwyth	0.22	54	50	b.c.	b.c.	2.0		Torquay	...	57	51	b.c.	b.c.
England, E.	Lowestoft	...	61	48	b.c.	b.c.	2.0	England, S.W.	Paignton	...	59	51	b.c.	b.c.
	Felixstowe	...	62	43	b.c.	b.c.	3.4		Ilfracombe	...	59	50	b.c.	b.c.
	Walton-on-Naze	...	60	47	b.c.	b.c.	3.8		Weston-super-Mare	...	61	49	b.c.	b.c.
	Southend-on-Sea	...	63	49	b.c.	b.c.	6.0							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.				Rain-fall.	WEATHER.		
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.	Fore- noon.		After- noon.	Night.	
			Max.	Min.						
			24 HOURS ENDED 9 A.M. TO-DAY.							
Greenwich (Royal Obsy.) ...	59	61	66	46	39	-	b.c.	c.p.b.c.	b.c.	
City (Banhill Row) ...	"	"	"	"	"	"	"	"	"	
Westminster (St. James's Pk.)	59	66	63	47	42	-	b.c.	b.c.	b.c.	
Camden Sq. (Brit. Rainfall)	55	60	67	45	41	-	c.b.c.	b.c.o	b.c.	
Hampstead (Reservoir) ...	"	61	62	43	36	-	b.c.op	b.c.	c.	
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
Total.			Mean Rate.			Max. Rate.				
S. Kensington (Roof of M.O.)	63	65	14.92 Joules.			26.2 Milliwatts.		84 Milliwatts.		

Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.
		Max.	Min.	Night.	Forenoon.	Afternoon.
Dublin to 4 p.m.	0.19	60	48	48	b.c.	b.c.
Plymouth to 9 p.m.	0.01	60	51	48	b.c.	b.c.
Darwen	0.03	54	46	44	b.c.	b.c.
Manchester	...	...	...	...	...	...
Birmingham	0.05	56	46	43	b.c.	b.c.
Oxford to 8 p.m.	...	...	...	...	...	...
S. Kensington (Museum Grounds to 6 p.m.)	...	64	48	43	b.c.	b.c.

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

	22nd 23rd May 1913.	Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth	...	5.49	11.49	7.49
Greenwich	...	4.1	11.56	7.51
Wick	...	5.34	12.6	8.43
Valencia	...	4.40	12.37	8.34

NOTES ON YESTERDAY'S WEATHER.

Rain fell over the greater part of the country, but in the eastern districts the amounts were very small. The eastern part of the coast experienced about 7 hours of bright sunshine, elsewhere the totals considerably smaller, though no station reports complete absence of sun. Temperature reached 65° at Yarmouth, 63° in London, Mairn and Jersey. Along our western seaboard the maxima were between 50° and 55°.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday
23rd May, 1913.

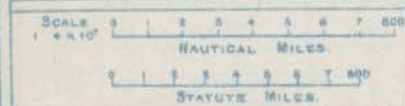
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shining for Yester- day.			
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.							
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).				Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.						Change since Yester- day.	Direc.	Force (0 to 12).	Weather.	Max.	Min.		Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.
		In.	F.				In.	In.	F.								In.	F.	F.					Hours			
Lerwick		29.79	50	SSW	2	bc	29.76	-0.3	47	-1	SSW	3	c	3	0.07	55	44	bun	bcp	cp							
Stornoway		29.81	50	W	4	r	29.84	+0.2	49	0	WSW	4	c	3	0.04	55	46	cg	cdp	o'fcdp	3.4						
Castlebay (Barra Isd.)		29.85	49	WSW	3	o	29.87	+0.3	49	-1	W	3	c	3	0.17	55	46	oc	c.o.	o'fbc	2.2						
Glasgow		29.95	52	W	3	o	29.92	+0.1	49	-1	W	3	o	3	0.28	55	48	c	c.o.	d'rog	2.3						
Malin Head... ..		29.91	51	W	1	r	29.93	+0.6	49	0	W	5	ompy	4	0.08	54	48	cng	cng	mqr							
Blacksod Point		29.88	52	SSW	5	r	30.02	+0.3	50	0	SW	3	r	3	0.15	54	48	om	om	mqr							
Valencia		30.05	53	SSW	3	m	30.14	+0.2	53	+3	SW	4	om	4	0.02	56	50	om	om	omd	0.0						
Roches Point		30.05	54	WSW	3	o	30.15	*	53	+3	WSW	3	c	3	0.01	55	50	ofm	m.o.	o'fbc	*						
Birr Castle		29.96	58	WSW	2	r	30.07	*	51	+3	SW	1	r	3	0.07	59	47	c'cus	or	od	0.9						
Donaghadee		29.98	54	SW	2	cp	30.00	+0.5	52	+3	W	3	c	3	0.08	59	49	c	omp	om'com	*						
Liverpool Obsy.		30.07	54	WSW	3	o	30.05	+0.3	52	+3	W	5	o	4	-	58	49	o'c	bc	o	2.6						
Holyhead		30.03	51	SSW	3	ogm	30.06	+0.3	53	+4	W	3	c	3	Trace	54	49	bc'om	bc'om	o'fbc	0.6						
Pembroke (St. Ann's Hd.)		30.11	51	SW	4	f	30.14	+0.3	50	0	W	4	fd	4	Trace	54	49	cgj	cg	f	3.5						
Newquay		30.15	54	SW	H	o	30.22	+0.2	51	-2	W	4	ogmd	4	0.02	56	50	bc'o	og'v'o	o'omd	1.9						
Scilly (St. Mary's)		30.16	52	WSW	H	f	30.23	+0.2	52	+1	W	4	omd	3	0.01	57	50	m	m	m	0.0						
Jersey (St. Aubin)		30.28	55	WSW	H	c	30.27	*	53	+1	W	4	omd	4	0.04	57	52	c'cg	cg.c	ogmd	4.8						
Portland Bill		30.18	52	W	5	o	30.18	+0.3	53	+2	W	4	c	4	-	54	50	bc	o	o'fbc	*						
Dungeness		30.16	54	SW	5	c	30.13	+0.1	52	-1	SW	5	fe	3	Trace	60	51	bc	bc	c'ofc	*						
Dover		30.14	53	SW	H	b	30.14	*	53	0	SW	4	r	3	Trace	60	49	b	b'bc'g	b'ndc	10.7						
Wick		29.82	52	W	4	c	29.82	+0.2	49	-2	SW	4	o	3	0.08	57	44	bc'cp	bc'cp	o	*						
Nairn		29.84	55	SW	2	c	29.84	*	49	-1	WSW	1	bc	1	0.10	59	42	p'bc	bc'c	r'bc	4.5						
Aberdeen		29.87	54	-	0	c	29.86	+0.1	50	-2	SSW	1	o	2	0.11	61	47	bc'cp	bc'cp	cp'o	7.6						
Leith		29.93	55	WSW	3	c	29.89	+0.4	52	+1	WSW	2	o	3	0.14	59	48	cu	c	or	*						
North Shields		29.99	58	WSW	3	c	29.93	+0.2	54	+4	WSW	3	o	2	0.08	58	47	cp	cp	c'c	3.7						
Spurn Head		30.06	54	WSW	3	c	29.97	-0.2	55	+6	W	5	ogj	4	Trace	56	48	c'o	o'c	c'o	5.6						
Yarmouth		30.08	57	W	2	bc	30.06	-0.1	55	+5	WSW	2	bc	2	-	60	47	bc	bc	bc	6.0						
Clacton-on-Sea		30.12	59	WSW	2	bc	30.10	0.0	55	+4	SW	2	o	2	-	62	50	bc	bc	bc'og	10.5						
Nottingham... ..		30.08	57	W	3	c	30.04	*	56	+7	W	3	omw	*	-	59	49	co	oc	c'o	2.4						
Bath		30.16	57	W	1	o	30.17	*	53	+2	W	4	o	*	0.01	62	52	*	*	*	6.9						
London (Kew Obsy.)... ..		30.15	60	SW	3	c	30.12	+0.1	56	+6	WSW	4	o	*	-	60	50	b'bc'v	cv.c	c'o	8.2						
Spitzbergen		29.95	26	N	2	o	29.90	-0.2	27	+3	SE	2	S	*	2	27	18										
Isafjord		29.78	44	E	H	bc	29.79	+0.1	41	+4	-	0	c	*	*	*	*										
Reykjavik		29.73	51	E	1	c	29.73	0.0	44	0	-	0	b	*	*	*	*										
Vestmanna		29.71	46	W	1	c	29.70	+0.1	44	+1	N	1	b	0	*	*	*										
Seydisfjord		29.75	42	E	2	r	29.67	+0.1	42	+4	NW	3	c	*	*	*	*										
Thorshavn		29.56	49	SW	H	o	29.56	+0.1	46	0	WSW	4	o	*	*	*	*										
Haparanda		30.09	45	SSW	2	b	30.13	+0.1	50	+3	S	4	c	*	-	57	36										
Hernösand		30.05	48	-	0	b	30.05	0.0	47	-7	-	0	b	*	-	59	39										
Stockholm		30.09	53	S	2	o	30.09	+0.1	55	-2	S	2	o	*	-	66	48										
Wisby		30.12	53	-	0	b	30.08	-0.1	58	+3	SE	2	b	*	-	61	46										
Karlstad		30.06	53	-	0	r	30.02	0.0	54	+1	SE	2	bc	*	0.04	61	50										
Färder (X'ania Fjord)		29.99	52	NE	1	o	29.96	-0.1	51	+1	SSW	1	m	2	0.08	54	50										
Bodö		30.01	50	NE	3	b	29.88	-0.9	56	+9	E	4	bc	2	-	50	43										
Christiansund		29.83	52	WNW	2	c	29.84	-0.3	51	-2	ESE	1	c	2	0.08	57	46										
Skudesnaes		29.95	46	S	4	f	29.91	-0.2	47	-3	SE	4	m	3	0.28	48	45										
The Scaw (Skagen)... ..		30.00	53	NNE	1	o	30.00	+0.1	52	+1	WSW	1	o	0	-	55	48										
Hlaavands Huk		30.04	49	WNW	1	o	30.06	0.0	54	+1	SW	2	?	2	-	57	46										
Cuxhaven		30.06	51	W	4	o	30.12	+0.2	54	+2	W	2	bc	0	0.08	59	46										
The Helder		30.13	52	SW	3	c	30.11	-0.1	52	+1	S	4	r	2	Trace	55	48										
Brussels		30.22	50	WNW	3	b	30.19	-0.1	50	-1	SW	1	o	*	Trace	62	43										
Berlin		30.02	58	NW	5	c	30.14	+0.4	51	-8	NW	4	o	*	0.04	70	50										
Frankfurt		30.21	51	NW	1	b	30.24	0.0	53	-2	W	1	c	*	-	64	46										
Munich		30.19	51	W	5	o	30.23	+0.1	52	+1	NW	4	c	*	0.28	64	46										
C. Gris Nez... ..		30.18	51	WSW	5	bc	30.15	0.0	52	+2	SW	5	f	4	-	55	50										
La Hève		30.25	54</																								

GALES
Duration and Extreme Force
on British Coasts.

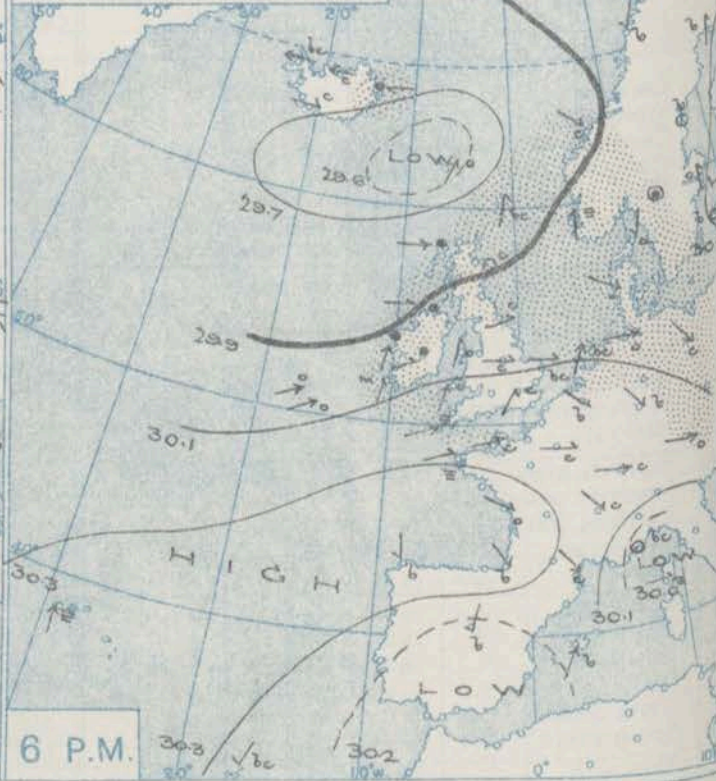
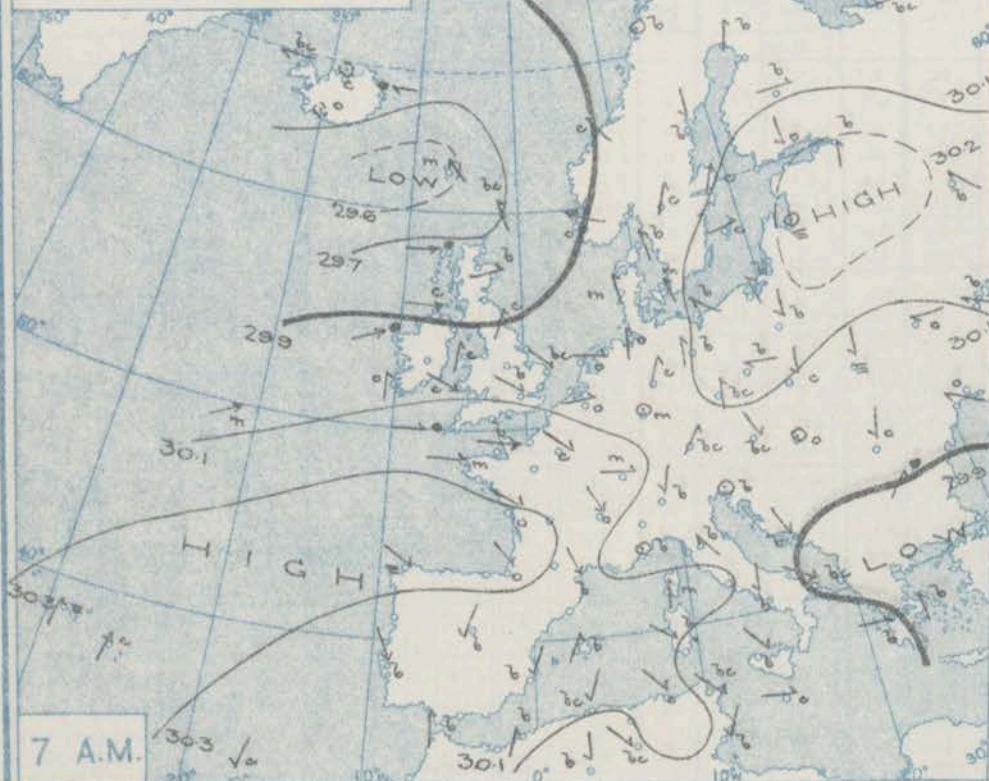
* Information for these columns not usually received.

† Received too late for insertion in Charts.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 22ND MAY.



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



GENERAL INFERENCE

WEATHER PROSPECTS.

Our northern and north-western districts are likely to experience the effects of small depressions, secondary to the Atlantic low-pressure

system, but over the greater part of the country the weather will be fair.

FORECASTS FOR THE 24 HOURS NOON

Friday

TO NOON Saturday.

0 {

Westerly to South-westerly winds; moderate to fresh at times; a good deal of cloud; some rain; moderate temperature.

1 {

Moderate or light Westerly or South-westerly breezes; fair as a whole, but some showers; moderate temperature.

2 {

Westerly breezes; fair or fine generally, slight local

3 {

showers; temperature moderate to slightly above the normal.

4 {

Westerly breezes; fair or fine generally, some mist or fog on coast; temperature somewhat above normal inland.

5 {

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued

6 {

Same as No. 0.

7 {

Same as No. 1.

8 {

Moderate Westerly breezes; fair or fine as a whole, but light local showers, some mist or fog on coast; moderate temperature.

9 {

Same as No. 0.

10 {

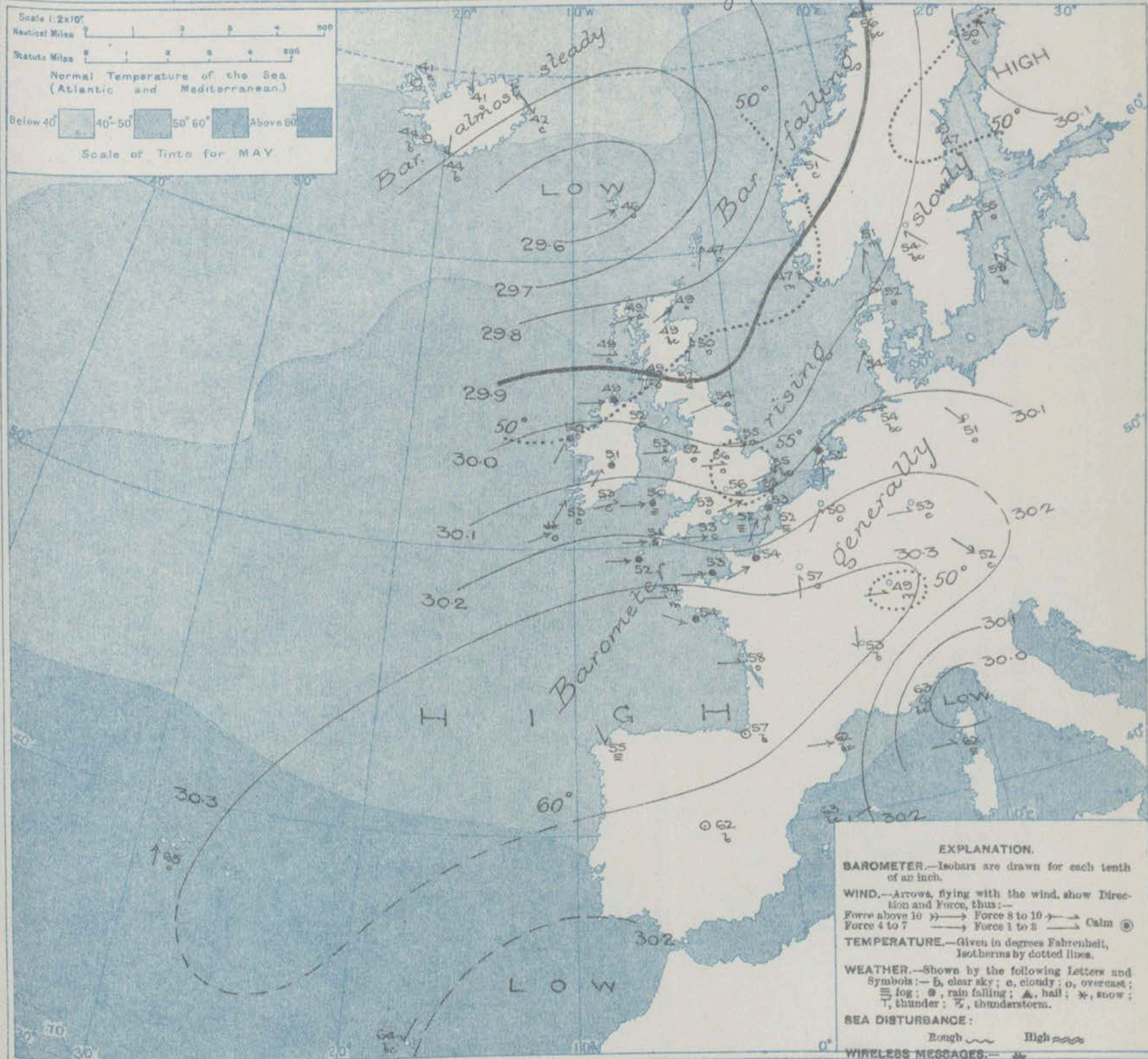
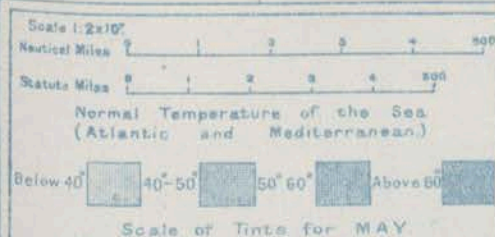
Same as No. 1.

11 WESTERN CHANNEL AND BAY.

Moderate or light Westerly breezes; moderate in mouth of Channel; light over Bay; sea moderate or slight; fair generally, but some mist or fog; moderate temperature.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Friday, 23rd MAY 1913.



EXPLANATION.

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

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

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

WEATHER.—Shown by the following letters and symbols:—b, clear sky; c, cloudy; o, overcast; f, fog; r, rain falling; h, hail; s, snow; t, thunder; ts, thunderstorm.

SEA DISTURBANCE:
Rough High

WIRELESS MESSAGES.—

NOTES ON THE GENERAL SITUATION AT 7 A.M.

The general conditions have undergone little change. An anticyclone with readings above 30.3 in. still covers the region between the Azores and the Bay of Biscay, and extends thence over France. A shallow low-pressure system, in which the lowest readings stand at about 29.6 in., is centred between Faeroë and Iceland.

Westerly to South-Westerly breezes prevail generally over our Islands and the North Sea

area. The sky is cloudy or overcast over the greater part of the country, and there is a good deal of coast fog along the southern and south-western coasts of England. Rain is falling at some of the Irish stations, and there is also a good deal of cloud at the Continental stations. Temperature is slightly below 50° in the north and west of Scotland and Ireland, further south readings range up to 56° at Nottingham. The sea is moderate or slight on all coasts.

DAILY WEATHER REPORT.

Friday, 23rd May 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
23 rd 7 a.m.	51	10	Baltic	H	30.19	+0.3	WSW	4-5	o										
22 nd 6 p.m.	50	17	Arabic	O	30.06	0.0	WSW	4-5	o										
" "	50	16	Baltic	H	30.11	+0.2	WSW	4-5	o										
" 7 a.m.	49	21	do.	H	30.00	+0.4	WSW	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.
			Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.	F.	F.			Hr.
Oban	...	0.03	50	45	o.c.	cp	0.0
Stonehaven	...	0.05	58	41	bc	bc	7.5
St. Andrews	...	0.05	61	42	bc	bc	7.3
Carnoustie	...	0.04	60	46	x	x	4.0
Eng. S.E.							
Harrogate	...		54	43	bc, o.c.	o.c.	0.9
Scarborough	...		60	45	o.b.	c.b.	7.4
England, N.W.							
Blackpool	...	0.01	56	47	c.o.	c	2.3
Southport	...	0.05	57	47	o.b.	bc, o	2.4
Buxton	...	0.19	54	42	c	bc	1.2
Leamington Spa	...		60	42	c	c	7.8
Douglas	...	0.04	54	44	o	og	1.5
Wales.							
Rhyl	...	0.07	59	46	bc	bc, c	1.0
Colwyn Bay	...	0.04	58	44	b.f.c.	bc	1.8
Llandudno	...	0.13	57	46	c	bc, o	1.8
Bettws-y-Coed	...		60	45	c.b.	b.b.c.	5.6
Aberystwyth	...		55	48	c.b.	o	3.0
England, S.W.							
Lowestoft	...	0.06	60	45	c.b.c.	c.o.c.	5.6
Felixstowe	...	0.02	61	47	bc	bc	8.4
Walton-on-Naze	...	0.11	60	46	b.b.c.	bc, b.	9.3
Southend-on-Sea	...		60	47	b	b.	11.5
England, S.E.							
Margate	...	0.13	60	45	b.b.c.	bc	9.6
Ramsgate	...	0.14	61	44	"	"	9.5
Folkestone	...	0.15	60	45	r.b.c.b.	b.b.c.	10.6
Littlestone	...				"	"	9.0
Hastings	...	0.02	58	46	op. bc, b.	b.b.c.	8.5
Boxhill-on-Sea	...		58	47	b.b.c.	c.b.c.g.	9.1
Eastbourne	...		57	54	b	bc, o	9.1
Seaford	...						
Brighton	...		57	46	c.b.c.	c.o.	6.2
Worthing	...		57	45	c	c	5.5
Littlehampton	...		56	54	b	bc, o	8.2
Southsea	...		60	47	bc, c.b.	c.b.c.	8.8
Bournemouth	...		60	44	o.c.	c.o.	7.7
England, S.W.							
Weymouth	...	0.01	59	47	bc	m.o.c.	7.4
Teignmouth	...	0.01	61	44	b	o	5.5
Torquay	...		58	44	bc	c.o.	4.5
Paignton	...		60	42	c.b.c.p.	c	5.1
Ilfracombe	...		56	49	bc	oem	5.7
Weston-super-Mare	...	0.20	58	47	b.b.c.b.	b.b.c.o	5.7

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.	
			Max.	Min.						
24 HOURS ENDED 9 A.M. TO-DAY.										
	%	%	F. °	F. °	F. °	In.				Mr.
Greenwich (Royal Obsy.) ...	56	79	63	52	44	-	b	c o p	c o	8.1
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	7.7
Westminster (St. James's Pk.)	61	84	60	54	47	-	bc	bc	bc	7.7
Camden Sq. (Brit. Rainfall)	59	79	64	54	48	-	bc	bc o.c	b.o	7.9
Hampstead (Reservoir) ...	*	82	58	52	42	-	bc	o	o	9.5
Kew. (See front page.)										
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.										
			Total.		Mean Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)	62	81	1746 Joules.		30.6 Milliwatts.		79 Milliwatts.			8.1

Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.			Sun- shine for Yester- day.
		In Screen. Max. Min.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
Dublin to 4 p.m.	0.02	61	46	43	b, o	o	3.4
Plymouth to 9 p.m.		57	45	39	om	c.b.	0.5
Darwen	0.07	54	43	40	com	og, u	6.7
Manchester							
Birmingham		59	42	35	c.o.	o	
Oxford to 8 p.m.		59	43	39	oc, bc	bc, o	
S. Kensington (Museum Grounds to 6 p.m.)		60	46	42	o	bc, o	

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

23 rd 24 th May 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 3.48 3.47	G.M.T. 11.49 11.50	G.M.T. 7.50 7.52
Greenwich	4.0 3.59	11.56 11.57	7.52 7.54
Wick	3.52 3.50	12.8 12.9	8.46 8.47
Valencia	4.39 4.38	12.27 12.28	8.36 8.38

NOTES ON YESTERDAY'S WEATHER.

During yesterday showers fell in the west and north, but the amount of rainfall was slight except in the west of Scotland. 10 hours of bright sunshine were experienced at some south coast stations, but over the country as a whole there was a good deal of cloud, and at Sicily and Valencia there was no bright sunshine. Fog occurred towards evening, on our south-western coasts, and in the English Channel. The highest maximum temperature in the British Isles was 62° at Clacton. In Berlin 70° was reached.

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 wrapper.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

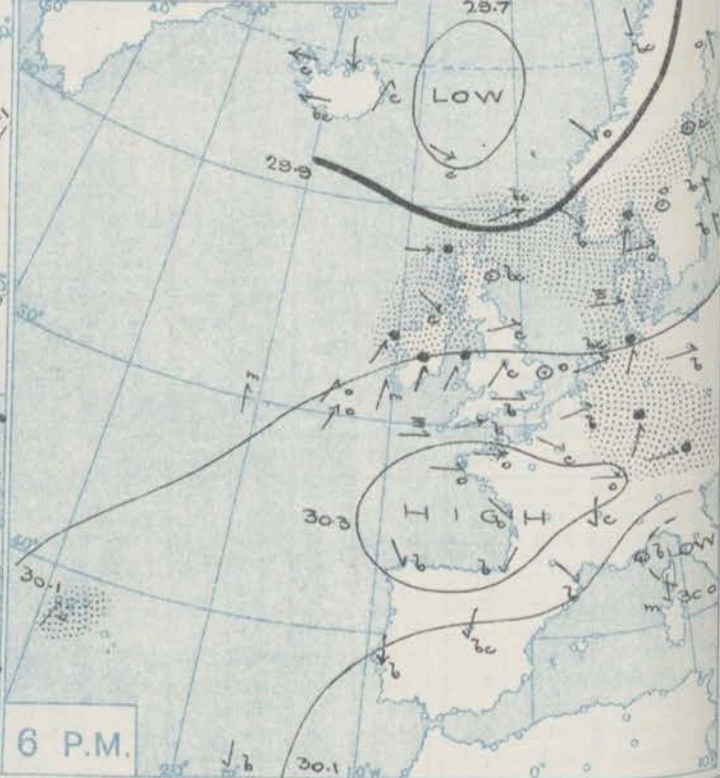
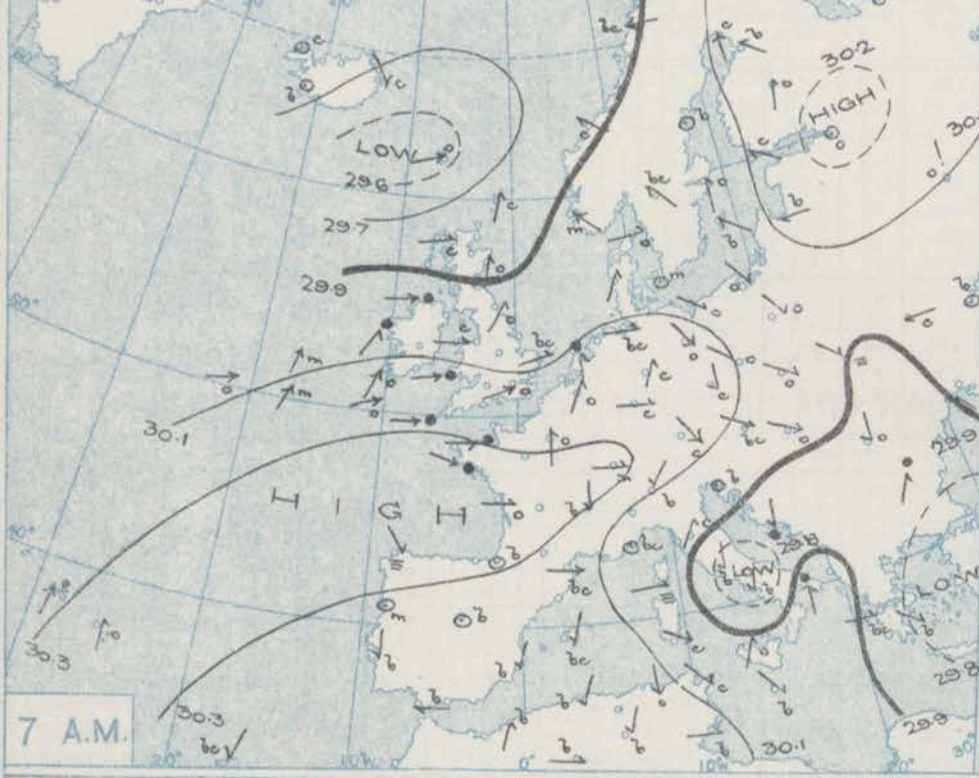
Saturday
24th May, 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		Barom.		Temp.		Wind.	Weather.	Barometer.		Temp.		Wind.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	Temp.		Weather.					
		At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Direc.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Direc.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
BRITISH ISLANDS.	Lerwick	In.	F.				In.	In.	F.							In.	F.	F.					Hours	
	29.82	49	WSW	4	bc	29.97	+0.15	48	+1	WSW	3	c	2	52	46	bc	bc	bc	bc	bc	bc	6.0		
	Stornoway	29.96	51	W	5	opq	30.06	+0.10	51	+2	W	2	bc	2	55	45	cp	cp	cp	cp	cp	cp	5.0	
	Castlebay (Barra Isd.)	30.01	52	W	4	o	30.08	+0.07	47	-2	SE	3	op	3	53	46	bc	bc	bc	bc	bc	bc	5.0	
	Glasgow	30.03	55	W	2	bc	30.14	+0.11	47	-2	E	1	r	4	56	46	oc	oc	oc	oc	oc	oc	5.0	
	Malin Head	30.05	51	WSW	3	cm	30.09	+0.04	52	+3	SW	2	nd	2	54	47	cm	cm	cm	cm	cm	cm	*	
	Blackod Point	30.02	54	SW	3	r	30.09	+0.07	53	+3	SSW	4	o	4	54	48	om	om	om	om	om	om	*	
	Valencia	30.18	52	SSW	3	m	30.21	+0.03	54	+1	SE	2	om	4	57	52	om	om	om	om	om	om	0.0	
	Roches Point	30.20	52	WSW	3	o	30.27	+	51	-2	SSW	1	f	2	59	51	o	o	o	o	o	o	*	
	Birr Castle	30.10	56	SW	3	r	30.19	+	56	+5	SSW	1	c	2	58	51	od	od	od	od	od	od	0.0	
	Donaghadee	30.08	56	WSW	2	c	30.12	+0.04	55	+3	W	3	bc	2	59	48	bc	bc	bc	bc	bc	bc	*	
	Liverpool Obsy.	30.13	54	WSW	3	o	30.22	+0.09	57	+5	WSW	4	c	3	58	51	od	od	od	od	od	od	0.0	
	Holyhead	30.11	53	SW	3	adm	30.22	+0.11	52	-1	SW	3	opm	3	55	50	adm	adm	adm	adm	adm	adm	0.6	
	Pembroke (St. Ann's Hd.)	30.23	51	WSW	4	f	30.29	+0.06	49	-1	WSW	1	of	2	53	49	f	f	f	f	f	f	0.0	
	Newquay	30.28	52	SW	1	of	30.31	+0.03	53	+2	-	0	of	3	55	49	f	f	f	f	f	f	0.0	
	Sailly (St. Mary's)	30.28	52	W	3	f	30.30	0	50	-2	WSW	1	fe	2	54	48	f	f	f	f	f	f	0.0	
	Jersey (St. Aubin)	30.33	53	W	4	opm	30.39	+	50	-3	W	2	ofe	2	56	48	opm	opm	opm	opm	opm	opm	0.2	
	Portland Bill	30.26	53	WSW	5	b	30.35	+0.09	52	-1	WSW	2	f	3	56	50	bc	bc	bc	bc	bc	bc	*	
	Dungeness	30.17	56	SW	5	bc	30.29	+0.12	57	+5	WSW	2	bc	2	60	51	bc	bc	bc	bc	bc	bc	*	
	Dover	30.18	60	SW	2	b	30.29	+	58	+5	W	1	b	2	61	52	me	me	me	me	me	me	6.0	
Wick	29.91	49	-	0	r	30.07	+0.16	52	+3	WSW	1	bc	2	57	42	op	op	op	op	op	op	*		
Nairn	29.96	57	WSW	3	bc	30.09	+	51	+2	W	1	bc	1	62	41	op	op	op	op	op	op	9.0		
Aberdeen	29.94	53	-	0	bc	30.12	+0.18	54	+4	W	1	bc	1	58	45	op	op	op	op	op	op	6.2		
Leith	30.03	55	WSW	2	bc	30.13	+0.10	51	-1	SW	2	o	1	59	49	op	op	op	op	op	op	*		
North Shields	30.05	59	WSW	3	c	30.16	+0.11	52	-2	S	1	o	2	61	50	o	o	o	o	o	o	4.7		
Spurn Head	30.09	57	WSW	4	bc	30.18	+0.09	56	+1	W	4	cm	3	60	52	o	o	o	o	o	o	3.1		
Yarmouth	30.12	58	-	0	o	30.21	+0.09	57	+2	W	1	bc	1	68	54	bc	bc	bc	bc	bc	bc	2.8		
Clacton-on-Sea	30.14	66	W	2	c	30.27	+0.13	56	+1	W	2	c	1	68	54	op	op	op	op	op	op	3.0		
Nottingham	30.12	60	WSW	2	c	30.21	+	58	+2	W	4	cm	1	63	55	o	o	o	o	o	o	2.7		
Bath	30.25	56	W	3	o	30.32	+	55	+2	W	1	o	1	62	52	o	o	o	o	o	o	2.2		
London (Kew Obsy.)	30.19	67	W	3	b	30.30	+0.11	57	+1	W	2	o	1	63	54	o	o	o	o	o	o	8.2		
ICELAND, FAEROE, &c.	Spitzbergen	29.84	28	-	0	o	29.76	-0.08	29	+2	S	2	o	1	29	25								
	Isafjord	29.86	43	E	5	c	29.96	+0.10	39	-2	NE	4	b	1	43	35								
	Reykjavik	29.81	48	E	1	bc	29.93	+0.12	46	+2	-	0	b	1	48	38								
	Vestmanna	29.81	47	W	5	b	29.89	+0.08	44	0	W	1	b	0	48	38								
	Seydisfjord	29.72	46	SW	1	c	29.80	+0.08	41	-1	SW	2	c	1	48	38								
SCANDINAVIA.	Thorshavn	29.70	48	WSW	4	c	29.90	+0.20	46	0	W	4	c	1	48	38								
	Haparanda	29.93	51	S	2	o	29.88	-0.05	51	+1	S	4	o	1	59	45								
	Hernösand	29.93	49	-	0	c	29.78	-0.15	50	+3	SW	2	c	1	50	46								
	Stockholm	29.94	51	S	2	b	29.91	+0.03	54	-1	W	2	o	1	64	48								
	Wisby	30.01	52	S	2	b	29.98	+0.03	53	-5	SW	2	o	1	64	48								
	Karlstad	29.94	54	-	0	o	29.90	0	51	-3	WSW	4	o	1	66	48								
	Færder (Kilnäs Fjord)	29.93	50	SSW	5	r	29.93	+0.00	52	+1	WSW	4	b	2	54	48								
	Bodö	29.79	46	N	1	bc	29.76	+0.03	44	-12	SW	2	f	2	56	43								
	Christiansund	29.80	46	WSW	1	o	29.82	+0.02	47	-4	WSW	3	o	3	48	46								
	Skudesnaes	29.99	48	WSW	2	b	30.02	+0.03	47	0	S	2	o	2	48	45								
GERMANY, &c.	The Scaw (Skagen)	29.98	51	W	1	o	30.00	+0.02	51	-1	W	5	b	1	57	48								
	Blaavands Huk	29.99	49	W	2	f	30.14	+0.15	48	-6	WSW	2	m	2	57	45								
	Cuxhaven	30.08	52	SW	3	r	30.17	+0.09	54	0	W	2	b	0	61	50								
	The Helder	30.13	54	SW	2	c	30.23	+0.10	54	+2	SW	2	o	1	60	52								
	Brussels	30.21	56	WSW	2	b	30.30	+0.09	54	+4	WSW	2	o	1	60	50								
	Berlin	30.13	58	W	1	b	30.18	+0.05	52	+1	SW	1	o	1	63	48								
	Frankfurt	30.22	53	SW	1	r	30.27	+0.05	55	+2	SW	1	o	1	59	52								
	Munich	30.28	47	W	3	r	30.31	+0.03	49	-3	E	4	o	1	57	45								
	C. Gris Nez	30.19	55	S	4	b	30.31	+0.12	53	+1	SW	4	f	3	66	50								
	La Hève	30.30	53	W	4	o	30.33	+	52	-2	W	3	m	2	59	48								
FRANCE.	Brest (St. Mathieu)	30.38	55	W	2	o	30.38	+0.00	51	-3	SE	2	m	2	59	48								

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 23RD MAY



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



GENERAL INFERENCE

WEATHER PROSPECTS.

The Southern anticyclonic system appears likely to extend still more in a northerly and north-easterly direction, and fair to bright

weather is therefore probable over the greater part of the United Kingdom.

FORECASTS FOR THE 24 HOURS NOON Saturday

TO NOON Sunday.

0 {
a Westerly and South-Westerly winds,
light or moderate; some showers in west,
otherwise fair; warm.
b

1 {
a South-Westerly winds, light or
moderate; fair generally;
b temperature rising.

3 {
a Wind chiefly Westerly;
light or moderate; fine
generally temperature rather
b high.

5

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday.

Signals hoisted this morning.

South Coast.

South Coast.

North Coast.

North Coast.

No Warnings Issued.

6 {
a
b

7 {
a
b

8 {
a
b

9 {
a
b

10 {
a
b

11 WESTERN CHANNEL AND BAY.

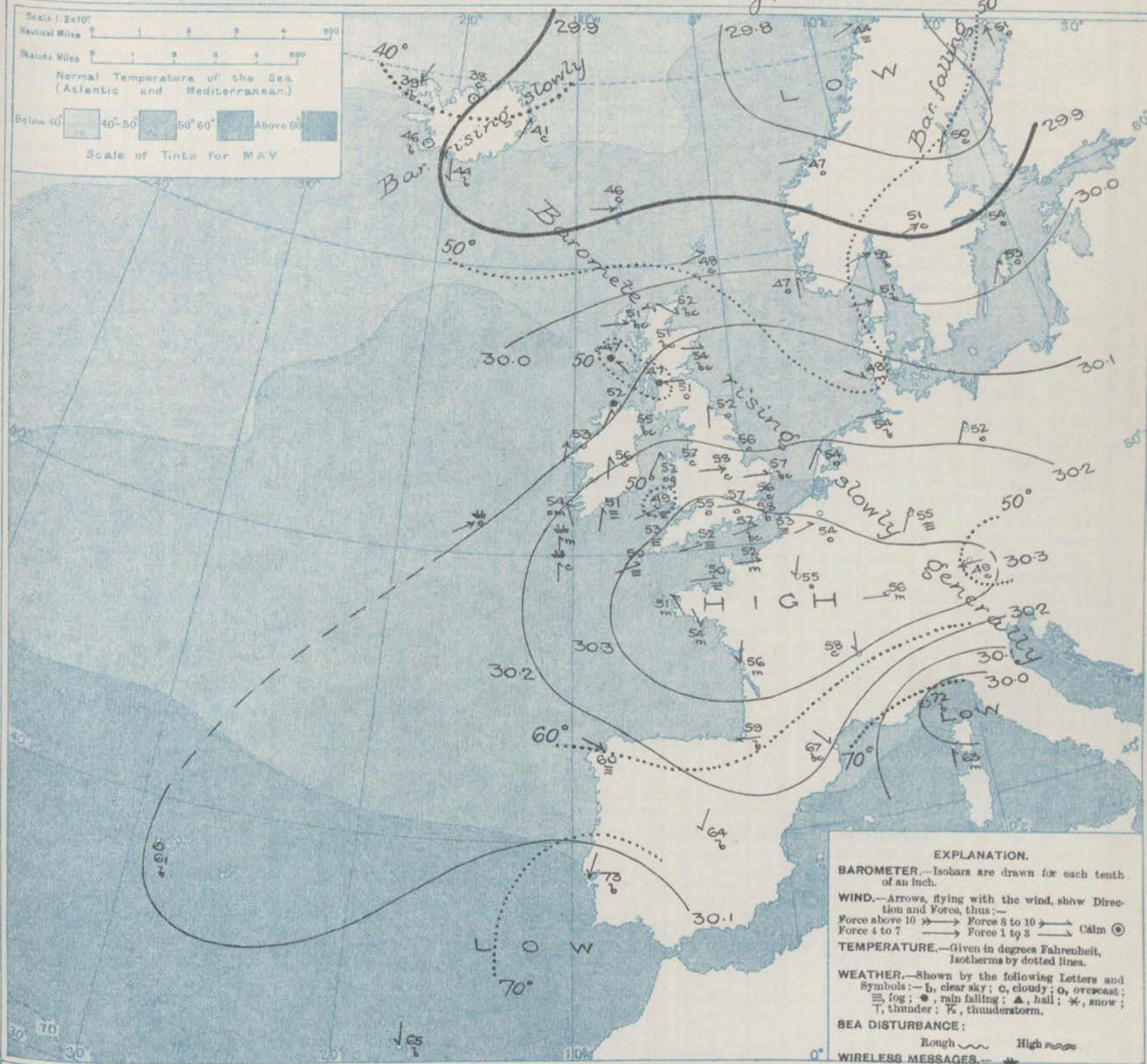
Wind mainly South-Westerly or Westerly, light or moderate, sea slight or smooth; much mist or fog, otherwise fair.

THE FURTHER OUTLOOK (Districts 2, 3, 4, 5, 6, 7, 8 and 11.)

General condition continuing fine.

SYNOPTIC CHART FOR 7 A.M. Saturday, 24th

MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Barometric pressure is above 30.3 in. in an anticyclone having its maximum over the Bay of Biscay, France and the southern parts of England and Germany, while in a depression, of decreasing intensity, over the north of Scandinavia the readings are below 29.8 in. Some slight local irregularities exist over the north-west of the United Kingdom.

The wind is Southerly on our extreme western coasts, mainly South-Westerly or Westerly over the United Kingdom generally and the

North Sea region. At all stations it is light to moderate. Temperature ranges over these Islands from 57° or 58° in several parts of England to 49° at Pembroke and to 47° at Glasgow and Castlebay. Many places along our western and south-western coasts report fog or mist, and at some places on the extreme north-west coasts rain is falling. Over the Kingdom generally, however, the weather is fair or fine. Fine, bright weather also prevails in the south of France and on the eastern shores of the North Sea.

DAILY WEATHER REPORT.

Saturday, 24th May 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
24th 7 a.m.	51	15	<i>Cedric</i>	O	30.05	-0.3	SW	4-5	0	23rd 6 p.m.	50	14	<i>Ultonia</i>	H	30.22	+0.2	SW	4-5	0
" "	51	16	<i>Montcalm</i>	H	?	+0.2	S	1-3	m	" 7 a.m.	50	22	<i>Lake Michigan</i>	H	29.92	+1.0	WSW	4-5	0
" "	50	10	<i>Ultonia</i>	H	30.30	+0.3	S	1-3	c	" "	51	17	<i>Montcalm</i>	H	?	+0.1	SSW	4-5	m
23rd 6 p.m.	50	20	<i>Lake Michigan</i>	H	29.98	0.0	S	1-3	m	" "	50	17	<i>Ultonia</i>	H	30.41	+0.3	SW	4-5	m
" "	51	14	<i>Montcalm</i>	H	?	+0.2	SSW	1-3	0										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban ...	0.30	51	45	bc	c	2.3	England, S.E.	Margate ...	0.30	68	49	c	bc	2.1
	Stonehaven ...	0.22	61	46	bcp	bcp	6.5		Ramsgate ...	0.30	68	48	"	"	4.0
	St. Andrews ...	0.35	61	47	b	b, bc	7.5		Folkestone ...	0.30	56	50	bc	bc, b	3.9
	Carnoustie ...	0.23	62	46	"	"	6.9		Littlestone ...	0.30	"	"	"	"	5.7
England, N.W.	Harrogate ...	0.02	59	49	c, bc	bc, c	4.0	England, S.W.	Hastings ...	0.01	61	51	op, bc, b	b	7.5
	Scarborough ...	"	70	50	c, c	c, b	4.2		Bexhill-on-Sea ...	"	61	52	gc	"	7.5
	Blackpool ...	0.05	54	50	"	"	0.0		Eastbourne ...	"	59	51	c, bc, b	b	7.4
	Southport ...	0.09	53	52	or	or	0.0		Seaford ...	"	58	51	"	"	8.0
Wales.	Buxton ...	0.03	52	49	er	er	0.1	England, S.W.	Brighton ...	"	60	52	c, bc	bc	9.2
	Leamington Spa ...	"	67	54	bc	bc	6.2		Worthing ...	"	63	52	"	"	7.3
	Douglas ...	0.04	57	49	od	od, bc, d	1.6		Littlehampton ...	"	63	51	b	"	8.8
	Rhyl ...	0.03	58	51	changeable	bc	1.2		Southsea ...	"	67	47	c, bc, bc	bc, c	8.6
England, S.W.	Colwyn Bay ...	"	58	51	bc	bc	1.2	England, S.W.	Bournemouth ...	"	66	52	c, bc	bc	8.6
	Llandudno ...	0.02	57	52	"	bc, c	0.0		Weymouth ...	"	65	51	bc	b	5.7
	Bettws-y-Coed ...	"	"	"	"	"	"		Teignmouth ...	"	68	53	b	b	11.7
	Aberystwyth ...	0.05	53	50	ro, c	ro, c	0.7		Torquay ...	"	69	52	b	b	11.5
England, S.W.	Lowestoft ...	"	68	46	c, bc, c, c	c, c, c	3.3	England, S.W.	Paignton ...	"	69	42	b	b	1.0
	Felixstowe ...	"	67	56	bc	bc	2.2		Ilfracombe ...	0.06	55	50	one	one	0.1
	Walton-on-Naze ...	"	67	50	"	bc, c	2.1		Weston-super-Mare ...	"	57	50	"	c, b	"
Southend-on-Sea ...		?	70	53	bc	b	7.0								

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.	STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.	
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.			
			Max.	Min.														Max.		Min.
24 HOURS ENDED 9 A.M. TO-DAY.																				
Greenwich (Royal Obs.) ...	%	%	F.°	F.°	F.°	In.				Hr.	Dublin to 4 p.m.	In.	F.°	F.°	F.°					
City (Benchill Row) ...	60	72	72	53	50	-	0.3c	b	c, c, b.	6.2	Plymouth to 9 p.m.	0.01	63	52	51	c	only	only	6.0	
Westminster (St. James's Pk.)	*	*	*	*	*	*	*	*	*	6.0	Darwen	-	62	51	50	c, b	o	only	6.0	
Camden Sq. (Brit. Rainfall)	70	77	68	55	52	-	bc	bc	b	6.3	Manchester	0.35	52	47	46	c, c, c	only	only	11.0	
Hampstead (Reservoir) ...	63	73	74	54	51	-	0.3c, b	bc	bc, c, b.	6.6	Birmingham	*	63	52	49	*	c	c, c	c, b, c	
Kew. (See front page.)	*	74	66	52	45	-	bc	bc	b	5.7	Oxford to 8 p.m.	*	66	53	50	op, c	c, c, c	c, b, c	*	
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																				
Total.			Mean Rate.			Max. Rate.														
S. Kensington (Roof of M.O.)	64	75	1399	Joules.	24.5	Milliwatts.	30.	Milliwatts.	6.1	S. Kensington (Museum Grounds to 6 p.m.)										

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

24th 25th May 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 5.47 5.46	G.M.T. 11.50 11.50	G.M.T. 7.53 7.54
Greenwich ...	3.59 3.54	11.57 11.57	7.54 7.56
Wick ...	3.36 3.29	12.9 12.9	8.47 8.49
Valencia ...	4.36 4.37	12.38 12.36	8.38 8.39

During yesterday temperature rose to 70° at Scarborough and Southend-on-Sea, and to above 65° in many other parts of England. On some parts of our western and south-western coasts, however, owing to the prevalence of fog, the temperature was below its normal level. Slight rain has fallen in some parts of Scotland and Ireland, and larger amounts are reported in the south of Norway and at Munich. Much bright sunshine was recorded locally on the south coast of Devon, and a considerable amount over the south of England generally, and the east of Scotland. According to wireless reports light or moderate S.W. winds were experienced as far west as the 22nd meridian.

NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; 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. 24th MAY.



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

7 A.M.

6 P.M.

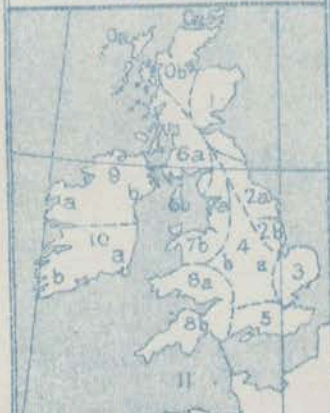
GENERAL INFERENCE

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON Sunday TO NOON Monday.

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

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

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

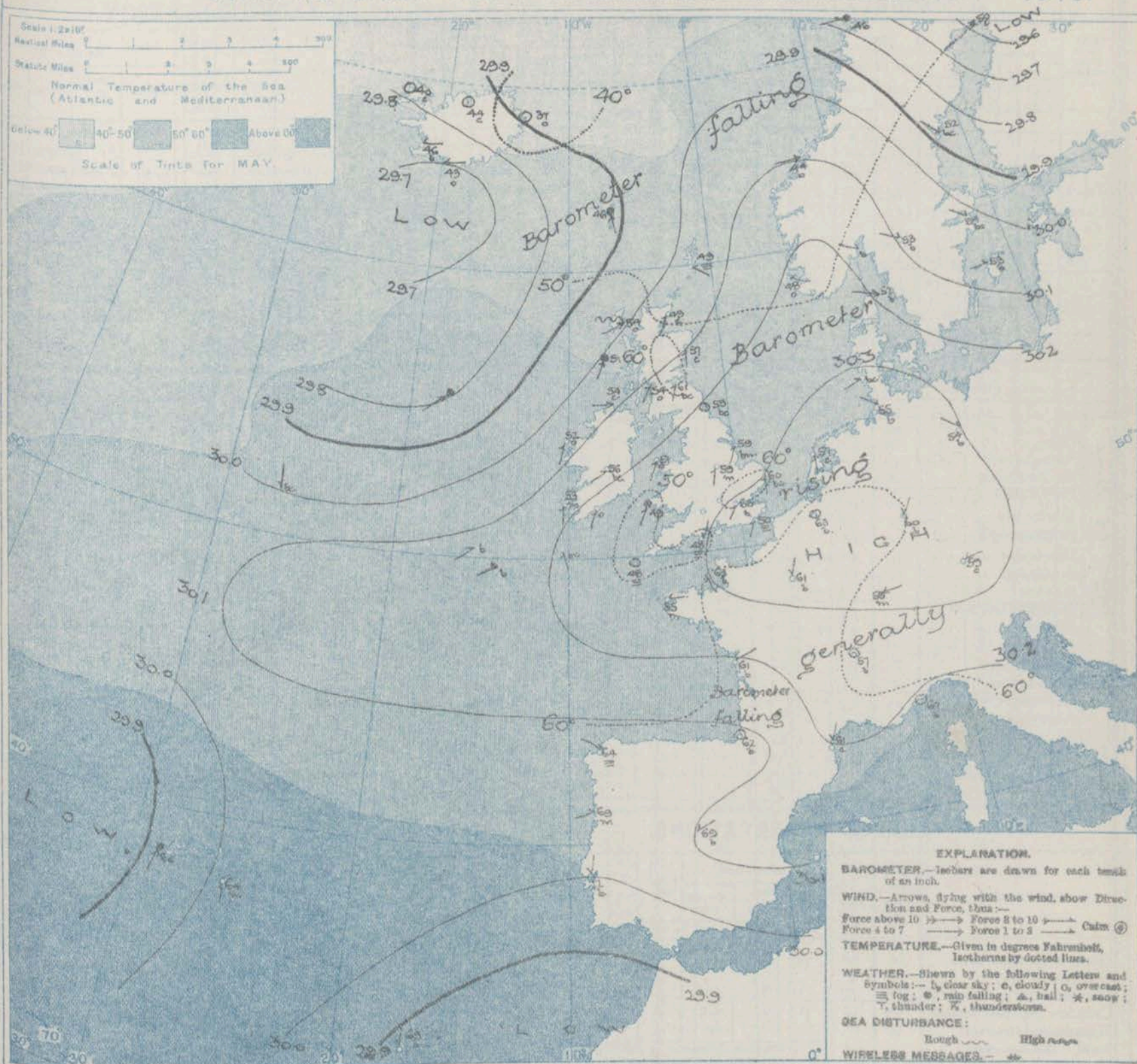
11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

Issued.

None

SYNOPTIC CHART FOR 7 A.M. SUNDAY, 25TH MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An anticyclone centred over Germany extends its influence over England, but the extreme north-west of the British Isles is being affected by a shallow depression centred near Ireland.

Light South-westerly airs prevail over England. The South-westerly current is rather more marked over Ireland and Scotland, and in the Hebrides it is strong. The weather is fine over the greater part of the country, but there is much fog along the Channel. Slight rain is falling in

the Hebrides. The sea fog keeps the temperature low, below 50°, on the South Coast. There has been a decided rise of temperature in the east of Scotland and north-east of England, where the morning readings stand at about 60°. The sea is slight or smooth except in the Hebrides.

DAILY WEATHER REPORT.

Sunday, 25th May, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	G = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	G = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
25th, Jan.	55	17	Victorian	O	29.75	+0.2	WSW	6-7	r	24th, Apr.	50	13	Lake Michigan	H	30.11	+0.1	SSW	4-5	o
"	50	10	Lake Michigan	H	30.23	+0.3	SSW	1-3	bc.	"	55	12	Victorian	O	29.96	-0.3	WSW	4-5	o
24th, Apr.	50	20	Montrose	H	30.00	+0.5	SSW	4-5	b	"	50	24	Montrose	H	29.87	+0.2	S	4-5	b
"	50	19	bedric	O	29.90	-0.3	SW	4-5	b	"	47	23	Zeland	H	29.97	+0.3	W	4-5	o
"	48	19	Zeland	H	30.01	+0.1	W	4-5	b	"	53	19	Caledonia	H	29.92	0.0	S	1-3	o
"	54	14	Caledonia	H	29.95	-0.3	SSW	4-5	o	"	55	19	Corsican	H	29.89	-0.3	WSW	1-3	o
"	55	14	Corsican	H	29.94	-0.3	SSW	4-5	m	"	50	16	Lake Michigan	H	30.06	+0.5	S	4-5	f

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	0.03	57	45	z.d.c.	bc	0.1	England, S.E.	Margate	In.	70	53	bc.b.	bc.e.	6.0
	Stonehaven	...	...	...	...	...	...		Ramsgate	...	67	50	"	"	6.2
	St. Andrews	...	...	...	...	...	...		Folkestone	...	59	50	b.b.c.	c.f.	7.8
	Carnoustie	...	65	44	"	"	3.1		Littlestone	...	"	"	"	"	9.3
England, N.E.	Harrogate	0.11	63	51	a.c.	bc.b.	5.1	England, S.W.	Hastings	...	63	52	b	b.b.c.	8.4
	Scarborough	"	...	...	...	...	...		Bexhill-on-Sea	...	60	53	bc.b.	b.f.	10.6
	Blackpool	0.14	61	51	a.c.	"	2.0		Eastbourne	...	61	50	b	b	3.7
	Southport	0.24	62	51	o	bc	5.5		Seaford	...	60	51	b	f	3.6
England, N.W.	Buxton	0.12	64	50	cr.	bc.	2.2	England, S.W.	Brighton	...	59	53	c.m.	om	8.6
	Leamington Spa	...	69	52	c.b.	bc	5.7		Worthing	...	63	53	b	"	11.2
	Douglas	0.03	63	52	g.b.c.	b.g.	4.5		Littlehampton	...	"	"	"	"	...
	Rhyl	...	67	53	c	c.	?		Southsea	...	"	"	"	"	...
Wales.	Colwyn Bay	...	67	53	o	o	3.5	England, S.W.	Bournemouth	...	71	53	b	b	10.0
	Llandudno	...	...	...	...	...	...		Weymouth	...	59	51	sem	sem	0.0
	Bettws-y-Coed	...	...	...	...	...	...		Teignmouth	...	57	52	of	of	0.0
	Aberystwyth	...	...	...	...	...	...		Torquay	...	62	52	m	b	5.3
England, E.	Lowestoft	...	53	50	b	b	13.5	England, S.W.	Paignton	...	61	52	m.a.b.c.	bc.b.m.	3.6
	Felixstowe	...	69	50	bc	bc.	5.7		Ilfracombe	...	56	50	b.e.f.	f	...
	Walton-on-Naze	...	67	52	c.b.c.	og	5.2		Weston-super-Mare	...	...	...	...	...	...
	Southend-on-Sea	...	74	53	b	b	10.0								

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.	
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.			
			Max.	Min.														Max.		Min.
	%	%	F.	F.	F.	In.				Hr.		In.	F.	F.	F.				Hr.	
Greenwich (Royal Obsy.) ...	55	60	75	50	38	-	b	b	b	9.8	Dublin to 4 p.m.	0.05	67	56	54	o.c.	c.b.	o	0.0	
City (Banhill Row) ...	"	"	"	"	"	"	"	"	"	10.5	Plymouth to 9 p.m.	"	54	49	49	of	f	f	3.2	
Westminster (St. James's Pk.)	64	77	73	52	46	-	bc.b	b	b	10.2	Darwen	0.86	63	50	49	ot	ot.u	o.b.c.	3.2	
Camden Sq. (Brit. Rainfall)	49	58	78	53	48	-	b.b.c.	b	b	10.6	Manchester	0.15	67	53	"	ot.o	o.c.b.c.	bc	6.9	
Hampstead (Reservoir) ...	"	61	72	54	44	-	bc.b	b	b	11.4	Birmingham	"	67	52	48	c.b	b	b	"	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.									Oxford to 8 p.m.	"	72	53	49	cm.o.	o	cm.b.c.	"
			Total.		Mean Rate.		Max. Rate.													
S. Kensington (Roof of M.O.)	59	70	1940 Joules.		33.8 Milliwatts.		78 Milliwatts.		14.4	S. Kensington (Museum Grounds to 6 p.m.)	-	80	55	45	bc.b	b	b	"	"	

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

25th & 26th May, 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 3.46 3.45	G.M.T. 11.50 11.50	G.M.T. 7.54 7.56
Greenwich	3.58 3.57	11.57 11.57	7.56 7.57
Wick	3.29 3.28	12.9 12.9	8.49 8.51
Valencia	4.37 4.36	12.38 12.39	8.39 8.40

NOTES ON YESTERDAY'S WEATHER.

There was much fog yesterday on the south and south-west coasts; over the country the weather was fair, but in the extreme north-west conditions were rather unsettled. 10 to 11 hours of sunshine were experienced at some south coast stations, but at others the fog greatly reduced the amount recorded. Temperatures also remained cool on the coast, but inland maximum readings of over 70° were numerous. 74° was registered in London.

Notes.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; s. sky three parts clouded; d. drizzling rain; w. 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; v. visibility; u. unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,
26th May, 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.				
		At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Dir.	Force (0 to 12).				Weather.	At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.						Change since Yester- day.	Dir.	Force (0 to 12).	Weather.	Max.	Min.		Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
In.		F.	Dir.	Force (0 to 12).	Weather.	In.	In.	F.	Dir.	Force (0 to 12).	Weather.	In.	F.	F.	Dir.	Force (0 to 12).	Weather.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	Hours	
Lerwick		29.97	52	SW	3	bc	30.09	+0.01	49	0	SW	6	bc	5	0.41	54	47	fr	e. bc	bcq.				
Stornoway		30.03	54	WSW	7	bcq	30.15	+0.03	50	-4	WSW	5	bc	4	0.03	55	47	bcq	bcq	bcq				7.7
Castletown (Barra Isd.)		30.11	52	SW	4	c	30.21	+0.01	50	-1	WSW	4	bc	4	0.03	53	48	7.0 bc. 0	e. bc	e. a. b.				7.9
Glasgow		30.16	57	W	3	b	30.28	+0.02	49	-5	W	1	bc	*	0.03	59	43	op. c	e. bc. 0. b	b. b. 0				3.6
Malin Head		30.18	51	W	4	bc	30.26	+0.02	50	-4	SW	1	bc	1	0.01	56	48	bc	bc	bc				*
Blackod Point		30.21	55	SW	2	r	30.28	+0.01	50	-2	SW	2	b	2	Trace	56	42	bc	bc	bc				*
Valencia		30.25	55	WSW	2	bc	30.26	0.00	48	-5	W	0	bcw	3	0.01	56	42	bc	bc	bc				8.9
Roche's Point		30.25	55	S	3	b	30.25	*	51	-1	N	1	c	1	0.02	54	49	og	og. c. b.	f. b. f.				*
Birr Castle		30.21	62	NW	2	bc	30.25	*	49	-7	NW	2	bc	*	0.01	64	43	m	bc	bc				6.1
Donaghadee		30.23	56	NNW	2	bc	30.29	0.00	48	-4	W	1	b	1	Trace	63	43	bc	bc	bc				*
Liverpool Obsy.		30.26	60	WNW	1	b	30.27	-0.01	54	+2	NNW	1	b	2	-	62	51	bc	bc	bc				11.5
Holyhead		30.23	52	SSW	3	b	30.25	0.00	46	-5	N	1	f	1	Trace	55	47	o. c. f.	bc. f. b.	fo. f.				4.3
Pembroke (St. Ann's Hd.)		30.26	49	NW	2	c	30.21	-0.02	54	+5	-	0	bc	1	Trace	55	47	odm	cm	cm				1.4
Newquay		30.22	54	NW	2	f	30.18	0.00	53	+2	-	0	bc	2	-	57	48	af. c. f. b.	bc	cf				6.5
Scilly (St. Mary's)		30.22	53	NE	1	fe	30.18	-0.03	50	+2	NE	3	fe	3	Trace	56	47	fe	fe	fe				0.0
Jersey (St. Aubin)		30.23	72	E	3	b	30.18	*	67	+4	E	2	cm	2	-	76	59	fe	fe	bc				12.7
Portland Bill		30.27	57	ESE	1	b	30.21	0.00	59	+11	ESE	3	bc	2	-	60	48	f	f. b	b. bc.				*
Dungeness		30.26	71	SW	1	b	30.23	0.00	59	+9	E	2	b	2	-	71	48	f. bc	f. b	b. bc.				*
Dover		30.31	71	SSW	1	b	30.26	*	65	+12	-	0	m	2	-	73	53	b	b	b. bc.				12.1
Wick		30.03	57	WNW	3	bc	30.14	+0.02	51	+2	WNW	4	og	0	Trace	64	45	cp	c. bc	c. og				*
Nairn		30.07	57	WSW	3	c	30.17	*	50	-10	W	2	c	2	-	66	46	bcq	g. c	bc. c.				9.0
Aberdeen		30.09	67	WSW	4	b	30.22	+0.01	53	-4	SW	2	c	1	-	71	44	e. bc	bc. b	b. bc.				10.6
Leith		30.14	61	WSW	2	bc	30.28	+0.03	51	-10	WSW	3	b	*	Trace	64	47	bc. c	bc	bc. c.				*
North Shields		30.20	66	W	3	bc	30.28	+0.01	55	-4	W	1	c	2	-	68	49	c	bc	bc. c.				11.7
Spurn Head		30.21	63	ESE	3	b	30.27	0.00	56	-3	ESE	1	bcw	2	Trace	72	50	bc	b	bc.				13.4
Yarmouth		30.25	66	S	2	b	30.26	0.00	65	+5	SSW	1	bc	1	-	68	56	bc	bc. b	b. bc.				13.5
Clacton-on-Sea		30.27	62	SSE	2	b	30.26	0.00	61	+2	ESE	1	b	0	-	64	57	by	by	by				12.8
Nottingham		30.21	72	SW	2	b	30.26	*	60	+1	ESE	2	b	*	-	77	50	g	g	g				13.3
Bath		30.23	76	-	0	b	30.24	*	60	0	-	0	b	*	-	77	49	g	g	g				13.2
London (Kew Obsy.)		30.25	77	S	2	b	30.24	0.00	63	+3	-	0	by	*	-	74	53	b	b	b. by				14.4
Spitzbergen		29.66	24	-	0	0	29.68	+0.02	27	-2	E	6	0	4	-	30	19	*	*	*				
Isafjord		29.76	46	E	6	b	29.86	+0.05	43	+3	-	0	c	*	-	*	*	*	*	*				
Reykjavik		29.69	53	E	1	0	29.85	+0.06	46	0	W	1	b	*	-	*	*	*	*	*				
Vestmanna		29.66	46	W	3	0	29.83	+0.05	45	+2	NW	4	bc	0	-	*	*	*	*	*				
Seydisfjord		29.71	38	NE	3	S	29.76	+0.05	40	+3	SW	2	c	*	-	*	*	*	*	*				
Thorshavn		29.71	50	SW	5	c	29.75	+0.03	45	-1	W	5	r	*	-	*	*	*	*	*				
Haparanda		29.79	44	WNW	6	r	29.92	+0.02	46	-4	E	2	0	*	0.08	55	41	*	*	*				
Hernösand		30.02	52	-	0	b	29.93	-0.03	47	-5	-	0	0	*	0.04	57	39	*	*	*				
Stockholm		30.08	55	W	2	b	29.99	-0.04	59	+5	SW	2	0	*	-	64	46	*	*	*				
Wisby		30.14	52	W	2	b	30.09	-0.03	58	+5	SW	2	bc	*	-	58	46	*	*	*				
Karlstad		30.10	57	-	0	c	29.98	0.00	58	+5	W	4	bc	*	-	63	50	*	*	*				
Færder (X'tania Fjord)		30.04	54	SW	4	0	30.03	+0.02	56	+2	WSW	4	m	4	-	57	52	*	*	*				
Bodö		30.01	41	W	4	bc	29.91	-0.08	42	-4	E	1	b	1	0.08	46	34	*	*	*				
Christiansund		30.01	49	-	0	r	29.93	+0.01	50	+6	W	4	0	3	0.28	50	44	*	*	*				
Skudesnaes		30.09	50	SSE	4	m	30.19	+0.02	48	0	-	0	f	2	-	50	46	*	*	*				
The Scaw (Skagen)		30.16	53	W	2	c	30.11	0.00	52	0	W	4	m	1	-	57	50	*	*	*				
Blaavands Huk		30.25	53	SW	2	m	30.27	+0.02	55	+3	W	2	c	2	-	59	50	*	*	*				
Cuxhaven		30.28	60	E	1	0	30.30	+0.01	61	+6	W	3	bc	0	-	64	55	*	*	*				
The Helder		30.29	61	SW	1	b	30.30	+0.01	63	+6	SSW	3	bc	1	-	64	50	*	*	*				
Brussels		30.29	63	ESE	1	b	30.29	+0.01	67	+4	SSE	1	b	*	-	76	55	*	*	*				
Berlin		30.30	63	N	3	b	30.34	+0.02	62	+8	SW	2	b	*	-	68	50	*	*	*				
Frankfurt		30.30	62	NE	1	b	30.34	+0.02	61	+1	NE	1	b	*	-	72	52	*	*	*				
Munich		30.29	60	NE	1	b	30.32	+0.01	60	+1	E	3	b	*	-	68	48	*	*	*				
C. Gris Nez		30.27	62	ESE	2	m	30.25	-0.01	67	+14	SE	1	m	1	-	70	53	*	*	*				
La Hève		30.24	68	NE	2	m	30.																	

GALES.
Duration and Extreme Force
on British Coasts.

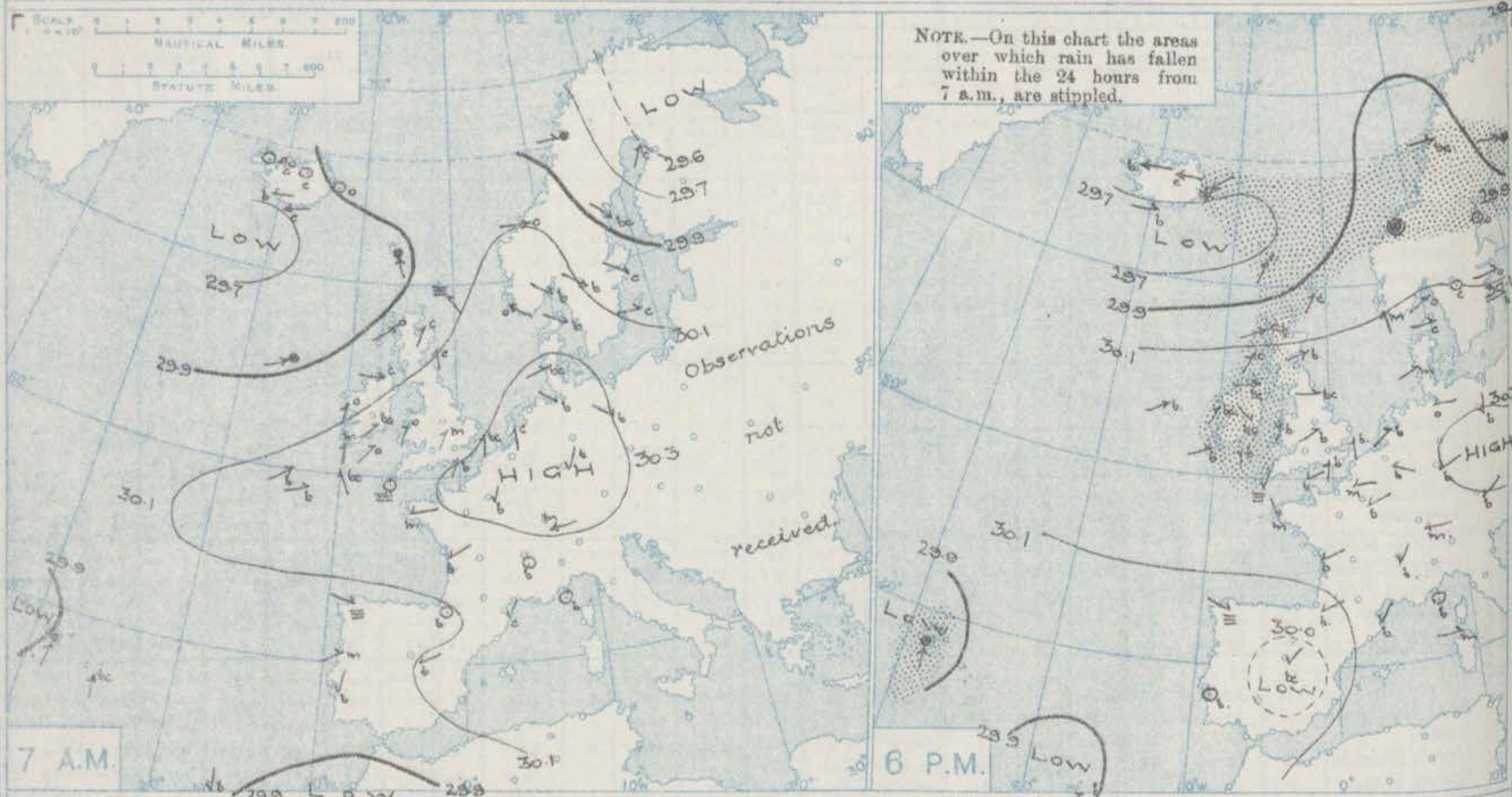
* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



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



GENERAL INFERENCE

WEATHER PROSPECTS.

The large anticyclonic system seems likely to continue the main

feature in the pressure distribution for the present.

FORECASTS FOR THE 24 HOURS NOON MONDAY

TO NOON TUESDAY.

- 0 {
a
b
1
- 88 ind mainly 88 easterly, light or moderate generally; mostly fair, dull at times; moderate temperature.

- 2 {
a
b
- Light variable winds, fine generally; temperature high during day.

- 3 {
a
b
4 {
a
b
5
- 88 ind light to moderate, becoming Easterly or North-Easterly in nearly all localities fine, some mist or fog locally on coast; high temperature during day time.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

NO WARNINGS ISSUED.

- 6 {
a
b
7 {
a
b
8 {
a
b
9 {
a
b
10 {
a
b
- Same as Nos. 0 and 1.
Light variable winds; cool, with mist or fog locally on coast, fine and warm inland.
Same as Nos 3 to 5.
Same as Nos. 0 and 1.
Same as No. 7.

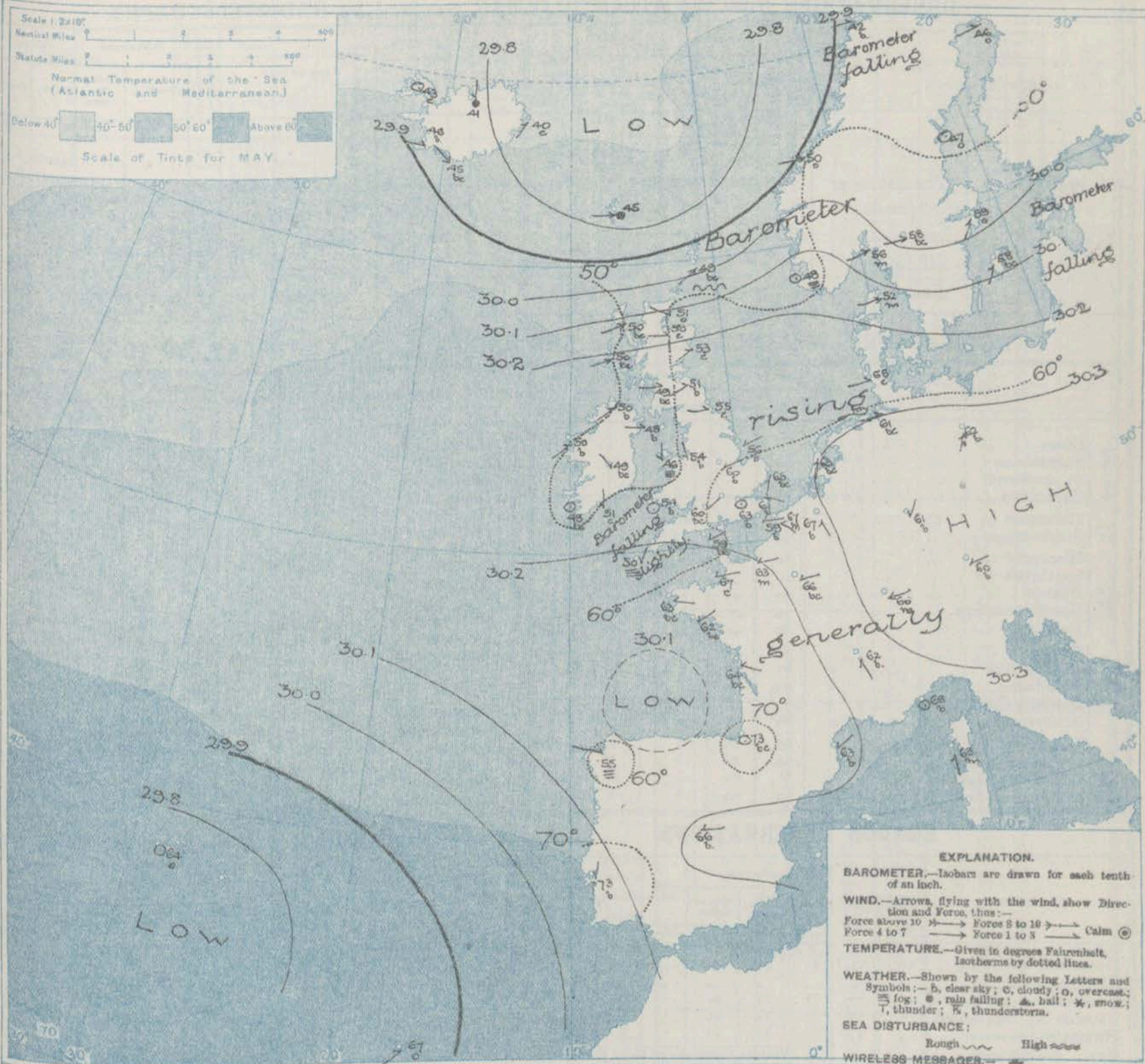
11 WESTERN CHANNEL AND BAY.

Light or moderate Easterly or North-Easterly winds; mist or fog at times, otherwise fine, sea slight or smooth.

THE FURTHER OUTLOOK. for Nos. 2 to 5 and 7 to 11

Fine weather continuing.

SYNOPTIC CHART FOR 7 A.M. MONDAY, 26TH MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.3 in. over Germany and Central Europe generally, and above 30.2 in. in a broad band extending thence over England and Ireland. In a depression centred between Norway and Ireland it is below 29.8 in., and a similar value is reported at the Azores. The changes in progress are very slight.

The wind is Westerly over the northern parts of the United Kingdom, strong at Lenoir, moderate to light generally over the Bay of Biscay region there is a very slight cyclonic circulation, a light north westerly wind prevailing at Coruna, and

light Easterly or North Easterly breezes over the north of France and the Channel. Temperature has risen in the south and east of England, fallen in most other parts of the Kingdom. The readings range from 67° at Jersey to 50° or a little below over the greater part of Ireland and Scotland, and also in Anglesey. Fine bright weather is reported in almost all parts of these islands, France and Germany, but fog or mist prevails locally on our west and south west coasts. In most parts of Scandinavia the sky is overcast.

DAILY WEATHER REPORT.

Monday, 26th May 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Direc.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Direc.	Force.	
25th 6 p.m.	50	18	Mauretania	H	30.45	+0.6	SW	1-3	b.	25th 7 a.m.	51	28	Royal Edward	H	30.00	0.0	N	1-3	b.
" "	54	15	California	O	30.17	+0.3	WSW	4-5	b.	" "	48	25	Mauretania	H	30.35	+0.10	-	0	b.
" "	51	11	Caronia	O	30.12	0.0	-	0	b.	" "	49	24	Cedric	O	30.10	+0.04	W	1-3	b.
" 1 p.m.	54	13	California	O	30.09	+0.5	WSW	4-5	b.	" "	50	16	Montrose	H	30.21	+0.04	SW	4-5	b.
" "	49	12	Zealand	H	30.22	+0.1	NNW	1-3	b.	" "	49	14	Zealand	H	30.19	0.0	WSW	1-3	b.

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

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

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.		
			Max.	Min.		Max.				Min.		Max.						Min.	
	24 HOURS ENDED 9 A.M. TO-DAY.																		
Greenwich (Royal Obsy.) ...	46	60	F. 81	F. 52	F. 39	In. -	b	b	b	Hr. 14.3	Dublin to 4 p.m.	In. -	F. 67	F. 54	F. 51	c	c.b	dp	
City (Bunhill Row) ...	*	*	*	*	*	*	b	b	*	13.6	Plymouth to 9 p.m.								
Westminster (St. James's Pk.)	43	64	78	57	50	-	b	b	bc	13.7	Darwen								
Camden Sq. (Brit. Rainfall)	-	62	82	55	50	-	b	b	b.b	11.7	Manchester "	-	70	52	*	bc.b	bc.b	b	
Hampstead (Reservoir) ...	*	83	77	58	42	-	b	b	b.m	14.2	Birmingham "								
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																
			Total.		Mean Rate.		Max. Rate.												
S. Kensington (Roof of M.O.)	-	71	24.12 Joules.		41.9 Milliwatts.		76 Milliwatts.		14.4		S. Kensington (Museum Grounds to 6 p.m.)	-	80	55	45	bc	bc	b.	

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

26th May 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 3.45	G.M.T. 11.50	G.M.T. 7.56
Greenwich ...	3.44	11.50	7.57
Wick ...	3.57	11.57	7.57
Valencia ...	3.56	11.57	7.58
	3.28	12.9	8.51
	3.26	12.9	8.52
	4.36	12.38	8.40
	4.35	12.38	8.41

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 80° or a little higher in some parts of the London, and to 77° at Margate, Bath and Nottingham. In the west and south-west of the Kingdom the readings were much lower, chiefly owing to the prevalence of fog; at Aberystwyth the highest reading was 54°. A little rain was experienced in the extreme north-west, and as much as 0.2 in. at Lerwick. Over the Kingdom generally the day was very bright, some places recording more than 12 hours of bright sunshine, and London 14.4 hours. According to wireless reports a light to moderate S.W. breeze, with fine weather, prevailed as far west as the 18th meridian.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

12.25.
 Tuesday,
 27th May, 1913.

		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.			
STATIONS.		BAROM.		TEMP.		WIND.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.							
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).		Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.						Change since Yester- day.	Direc.	Force (0 to 12).	Weather.	Max.	Min.		Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	F.				In.	In.	F.						In.	F.	F.				Hours				
Lerwick		30.04	49	WSW	6	c	30.09	+0.1	48	-1	WSW	2	c	4	0.03	52	46	bc	bc	bc	7.5				
Stornoway		30.21	51	WSW	5	cq	30.19	0.0	50	0	W	2	bc	2	-	57	44	cq	cq	c.be	6.5				
Castlebay (Barra Ind.)		30.26	52	W	3	bc	30.19	0.0	49	-1	SW	1	o	1	-	53	46	coboc	bc	bc	10.1				
Glasgow		30.24	55	WNW	2	b	30.17	-0.2	47	-2	E	1	c	0	-	57	40	c.be	c.be	bc	10.1				
Malin Head... ..		30.29	53	NNW	3	bc	30.18	0.0	50	0	W	1	b	0	-	55	46	bc	bc	bc	10.5				
Blacksod Point		30.25	55	NE	3	b	30.11	-0.2	53	+3	NE	2	o	2	Trace	56	48	bc	bc	bc	10.5				
Valencia		30.17	61	NW	2	bc	30.12	+0.1	55	+7	SSE	1	o	3	-	66	48	bc	bc	c	10.5				
Roche's Point		30.20	58	SSE	1	b	30.15	0.0	53	+2	E	1	c	1	Trace	59	48	o.b	b	b.be	8.9				
Birr Castle		30.19	65	N	2	bc	30.13	0.0	50	+1	-	0	c	0	-	66	46	bc	bc	c	8.9				
Donaghadee		30.26	52	NNE	2	bc	30.17	-0.1	48	0	N	2	bc	2	-	56	46	bc	bc	bc	12.1				
Liverpool Obsy.		30.20	55	WNW	3	b	30.12	-0.1	51	-3	W	3	b	1	-	59	48	b	bc	bc	6.3				
Holyhead		30.21	56	NE	2	bc	30.14	0.0	51	+5	NE	2	cm	2	-	57	46	f.cf	bc	b.be	12.0				
Pembroke (St. Ann's Hd.)		30.14	56	NNE	4	bc	30.09	+0.1	56	+2	NNE	2	bc	1	Trace	65	50	bc	b	bc	12.0				
Newquay		30.13	59	NW	2	b	30.09	+0.3	56	+3	-	0	bc	2	-	61	48	bc	bc	b	11.7				
Scilly (St. Mary's)		30.14	56	NE	1	m	30.10	+0.1	53	+3	-	0	bc	2	-	58	48	f	f	bc	8.7				
Jersey (St. Aubin)		30.12	78	E	2	b	30.13	0.0	60	-7	W	3	bc	3	-	60	55	bc	bc	bc	11.5				
Portland Bill		30.12	61	E	3	b	30.08	0.0	56	-3	-	0	b	1	-	64	55	bc	bc	b	11.5				
Dungeness		30.13	63	NE	2	bc	30.05	0.0	64	+5	NNW	2	m	2	-	76	55	bc	bc	bc	12.5				
Dover		30.16	70	-	0	b	30.06	0.0	66	+1	NW	2	b	1	-	76	57	b	b	bc	12.5				
Wick		30.16	55	WNW	4	bc	30.16	+0.2	50	-1	WNW	2	bc	2	Trace	59	40	og.o	cq	c.be	7.7				
Nairn		30.20	55	W	2	c	30.18	0.0	48	-2	-	0	bc	1	-	61	39	q.b.c	q.b.c	v.be	7.7				
Aberdeen		30.20	53	E	2	c	30.19	0.0	51	-2	NNW	2	c	1	-	62	46	bc	bc	bc	8.4				
Leith		30.21	60	WSW	2	bc	30.19	-0.2	49	-2	NNE	1	o	0	-	61	45	bc	bc	b	8.4				
North Shields		30.22	52	E	2	o	30.16	-0.1	50	-5	NNE	2	o	2	-	59	47	c	bc	bc	8.2				
Spurn Head		30.16	53	NNE	3	c	30.08	0.0	53	-3	ENE	3	c	3	Trace	61	45	bc	bc	bc	11.6				
Yarmouth		30.20	58	SE	2	bc	30.07	-0.2	55	-10	-	0	bc	1	-	65	54	bc	bc	bc	12.2				
Clacton-on-Sea		30.15	62	ESE	2	bc	30.05	-0.1	65	+4	WNW	1	bc	0	-	66	55	bc	bc	bc	12.2				
Nottingham... ..		30.12	72	E	2	o	30.10	0.0	52	-8	N	2	om	0	-	60	51	bc	bc	bc	9.2				
Bath		30.12	75	-	0	c	30.10	0.0	57	-3	-	0	m	0	-	60	53	bc	bc	bc	10.3				
London (Kew Obsy.)... ..		30.13	78	SW	2	by	30.08	-0.1	61	-2	-	0	bc	0	-	61	55	bc	bc	bc	12.2				
Spitzbergen		29.75	25	SW	2	o	29.78	+0.2	28	+1	-	0	o	0	-	28	19	bc	bc	bc	12.2				
Isafjord... ..		29.92	44	E	2	o	30.00	+0.2	41	-2	-	0	bc	0	-	41	28	bc	bc	bc	12.2				
Reykjavik		29.97	54	SW	3	c	30.04	+0.1	44	-2	W	3	c	0	-	44	28	bc	bc	bc	12.2				
Vestmanna		29.97	47	W	5	b	30.00	0.0	40	0	-	0	o	0	-	40	28	bc	bc	bc	12.2				
Seydisfjord		29.96	46	W	3	o	30.00	0.0	40	0	-	0	o	0	-	40	28	bc	bc	bc	12.2				
Thorshavn		29.91	51	W	6	c	30.03	+0.1	47	+2	W	2	bc	0	-	47	28	bc	bc	bc	12.2				
Haparanda		29.81	45	W	2	o	29.75	-0.1	47	+1	NE	4	bc	0	-	47	28	bc	bc	bc	12.2				
Hernösand		29.88	48	-	0	b	29.82	-0.2	50	+3	-	0	o	0	-	48	28	bc	bc	bc	12.2				
Stockholm		29.93	51	-	0	b	29.81	-0.2	55	-4	WNW	2	b	0	-	48	28	bc	bc	bc	12.2				
Wisby		29.94	53	W	2	b	29.91	-0.2	54	-4	WSW	4	b	0	-	46	28	bc	bc	bc	12.2				
Karlstad		29.93	59	W	2	c	29.84	0.0	54	-4	WNW	6	b	0	-	46	28	bc	bc	bc	12.2				
Færder (X'lania Fjord)		29.98	59	WNW	4	b	29.97	-0.1	53	-3	WSW	6	bc	2	-	59	48	bc	bc	bc	12.2				
Bodö		29.82	47	-	0	b	29.80	+0.1	44	+2	N	1	b	1	-	47	27	bc	bc	bc	12.2				
Christiansund		29.87	50	W	3	o	29.85	+0.5	45	+5	W	6	o	4	0.59	52	45	bc	bc	bc	12.2				
Skudesnaes		30.15	49	WNW	2	c	30.10	0.0	49	+1	NW	4	b	2	-	54	46	bc	bc	bc	12.2				
The Scaw (Skagen)... ..		30.07	51	WNW	6	b	30.04	-0.2	52	0	WNW	5	b	2	-	57	50	bc	bc	bc	12.2				
Blaavands Huk		30.22	52	N	1	bc	30.17	-0.1	53	-2	NNE	1	o	1	-	59	48	bc	bc	bc	12.2				
Cuxhaven		30.21	60	SE	1	b	30.10	-0.2	66	-1	E	2	b	0	-	64	57	bc	bc	bc	12.2				
The Helder		30.18	63	ENE	2	b	30.08	-0.1	61	-2	NNE	2	c	0	-	70	65	bc	bc	bc	12.2				
Brussels		30.15	69	ENE	1	b	30.07	0.0	71	+4	SSE	1	b	0	-	81	57	bc	bc	bc	12.2				
Berlin		30.21	64	S	1	c	30.13	-0.2	67	+5	S	1	c	0	-	77	55	bc	bc	bc	12.2				
Frankfurt		30.20	66	NE	1	b	30.13	-0.1	64	+3	S	1	m	0	-	77	55	bc	bc	bc	12.2				
Munich		30.24	62	NE	1	b	30.18	-0.1	66	+6	SW	4	bc	0	-	72	48	bc	bc	bc	12.2				
C. Gns Nez... ..		30.11	65	NE	2	m	30.07	-0.1	63	-4	N	1	m	0	-	77	59	bc	bc	bc	12.2				
La Hève		30.11	79	SE	1	b	30.12	0.0	63	0	W	1	m	0	0.12	84	61	bc	bc	bc	12.2				
Brest (St. Mathieu)		30.15	73	N	1	b	30.16	0.0	52	-11	WSW	2	m	1	-	79	50	bc	bc	bc	12.2				
Lorient (Bec Melen)... ..		30.09	66	WSW	2	b	30.14	0.0	59	-3	-	0	m	0	-	78	54	bc	bc	bc	12.2				
Rochefort (Ile d'Alx)		30.15	68	W	2	b	30.15	+0.1	65	+1	SSE	3	c	0	-	82	61	bc	bc	bc	12.2				
Biarritz		30.08	84	ENE	2	b	30.16	-0.0	70	-3	ESE	3	b	0	-	84	63	bc	bc	bc	12.2				
Paris		30.15	77																						

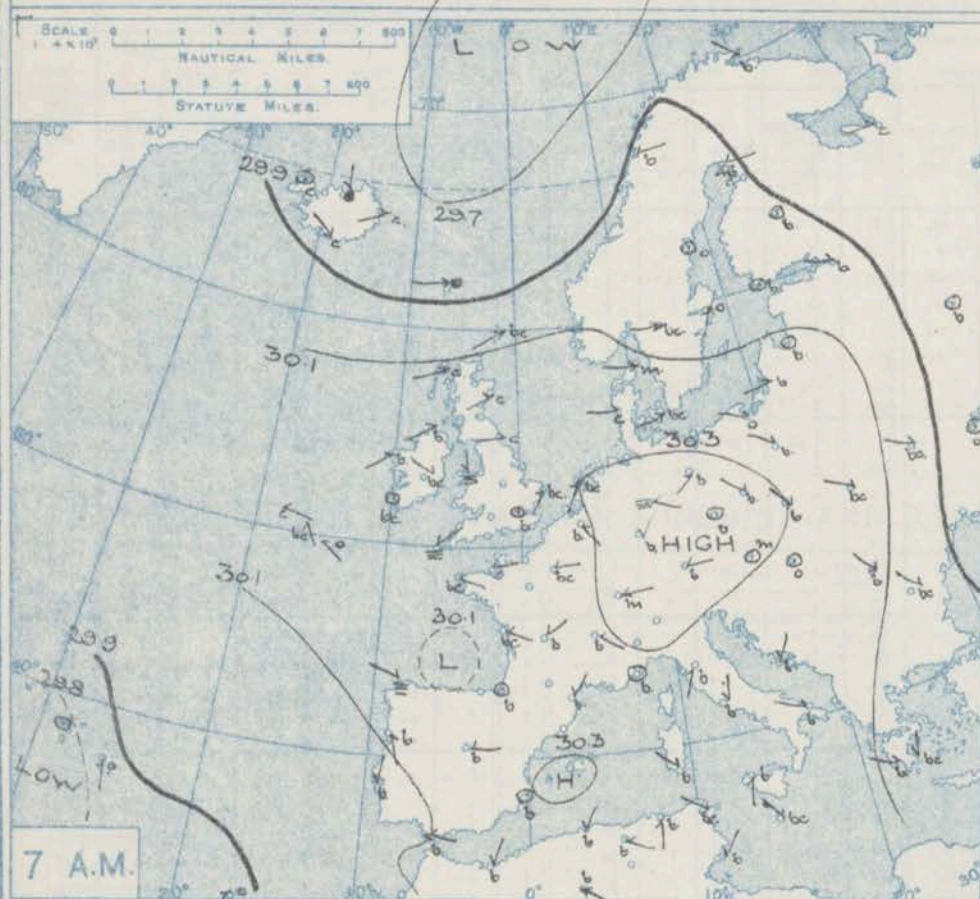
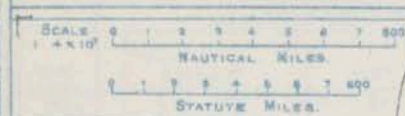
GALES.

Duration and Extreme Force
 on British Coasts.

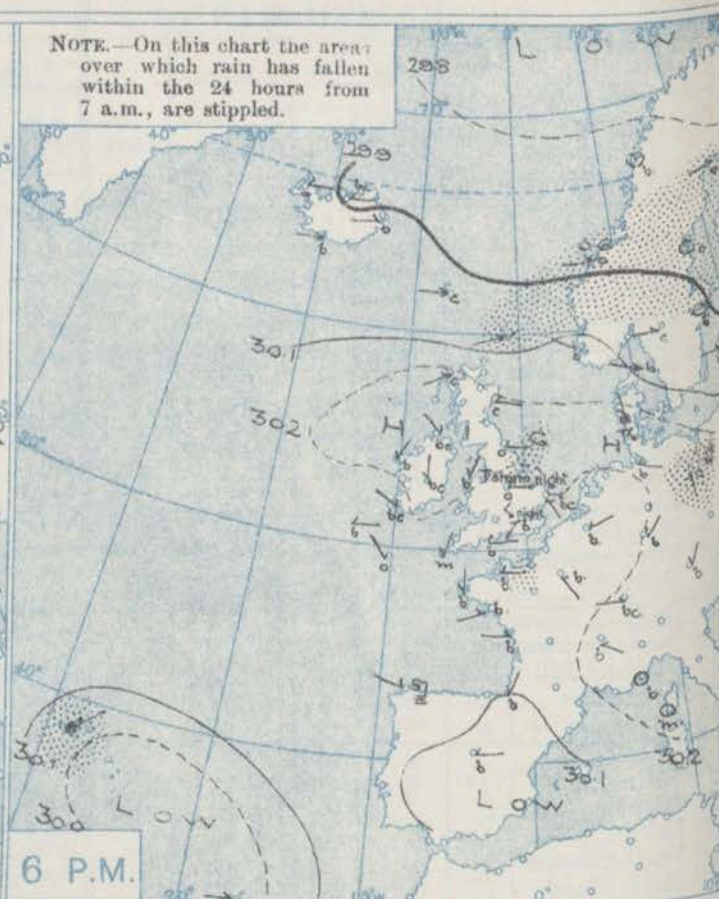
* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



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



GENERAL INFERENCE

The elongated shallow depression which has developed over the Netherlands and the greater part of England and the Channel may be expected to be attended by

WEATHER PROSPECTS.

local thunderstorms later in the day or to-night, but over the Kingdom generally the weather will continue fair to bright

FORECASTS FOR THE 24 HOURS NOON TUESDAY

TO NOON WEDNESDAY.

- 0 { a } Light winds, rather variable
b but mainly between North West and North East; fair generally. Mist or fog in places on coast; moderate temperature.
- 1 { a }
b
- 2 { a } Light variable winds;
b
- 3 mostly fair and very warm,
local thunderstorms later,
with a lower temperature.
- 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.

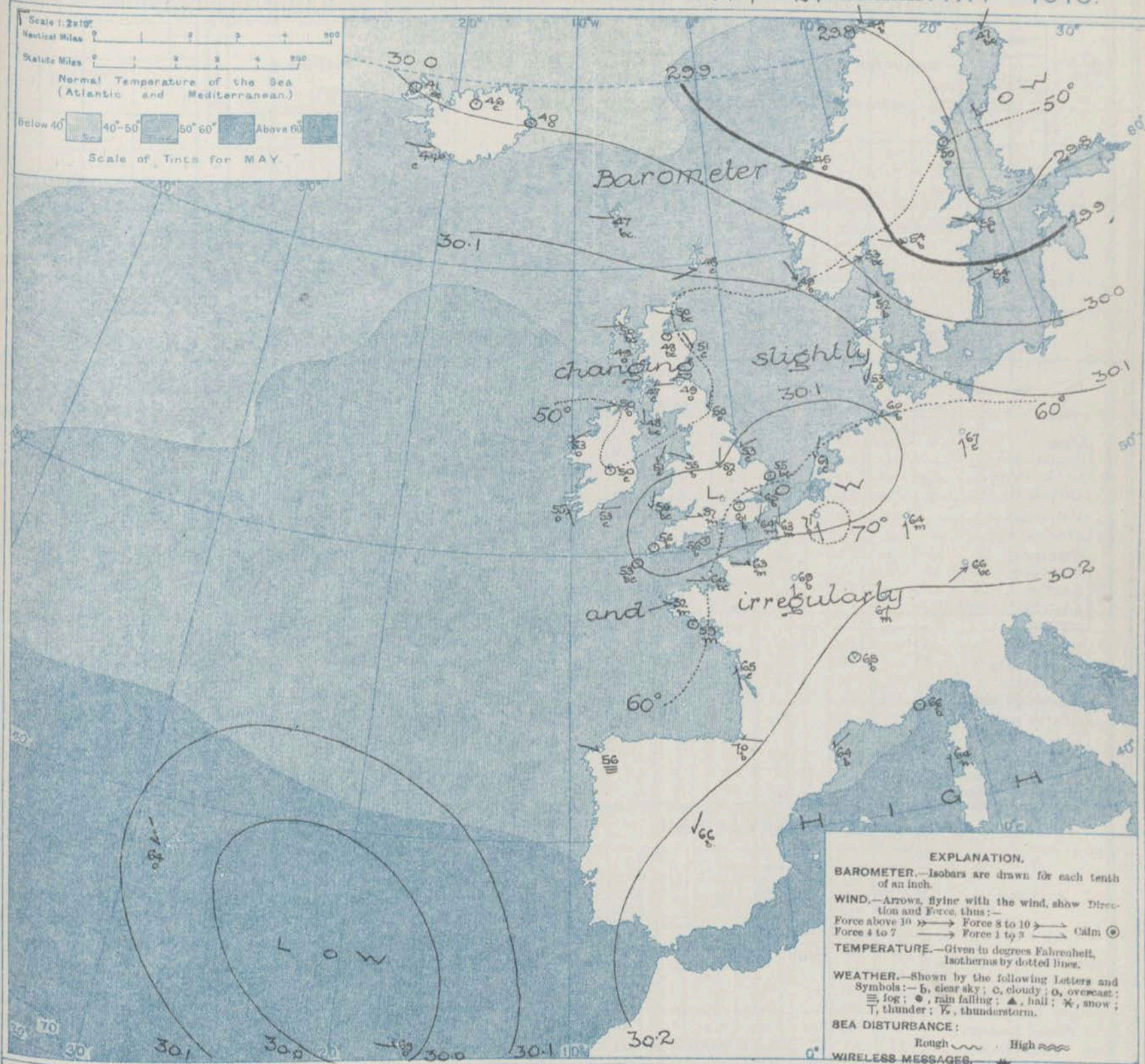
- 6 { a } Same as Nos. 0 and 1.
b
- 7 { a } Variable or light northerly winds
b mostly fair, local thunderstorms later; warm, then cooler.
- 8 { a } Same as Nos. 3 to 5.
b
- 9 { a } Light variable winds;
b
- 10 { a } fair or fine; moderately
b warm during day.

11 WESTERN CHANNEL AND BAY.

Wind chiefly S.W. or S.E., light, some fog or mist, otherwise fine; sea smooth.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. TUESDAY, 27TH MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.2 in over the south east of France, below 29.3 in over the Gulf of Bothnia and the north of Norway, and relatively low in a shallow depression covering the Netherlands, the greater part of England and the Channel.

Over Scandinavia, Iceland and the extreme north of Scotland there is a light to fresh current of wind from the Westward to North-Westward, and a slight cyclonic movement is shown round the shallow depression, but elsewhere the wind is light and variable. Temperature has changed

rather irregularly, fallen in most parts of Great Britain. Over the United Kingdom it ranges from 66° or 65° in the extreme south east to 52° at Nottingham, and to 50° or a little lower in many parts of Ireland and most of Scotland. The sky is cloudy or overcast at some stations in the north and west of these islands, but generally the weather is fair to very fine.

DAILY WEATHER REPORT.

Tuesday, 27th May 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward H = Homeward	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward H = Homeward	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
26th 6 p.m.	51	13	Royal Edward	H	30.16	-0.2	E	1-3	b.	26th 7 a.m.	51	17	Royal Edward	H	30.14	+0.14	ESE	1-3	c.
" "	49	"	Kronland	O	30.16	-0.1	NW	1-3	o	" "	50	16	Caronia	O	?	?	SSE	1-3	bc.
" "	"	"	"	"	"	"	"	"	"	" "	49	15	Minnetonka	O	30.26	-0.1	SE	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.						
Scotland.	In.	F.	F.			Hr.	(Margate ...)	In.	F.	F.	Hr.
Oban ...	-	55	47	bc	bc.	6.4	Ramsgate ...	-	77	55	13.4
Stonehaven ...	-	67	43	b	b	7.4	Folkestone ...	-	73	56	13.9
St. Andrews ...	-	63	42	b	b	10.7	Littlestone ...	-	76	60	12.5
Carnoustie ...	-	63	40	q.	q.	8.9	Hastings ...	-	76	54	12.9
England, N.E.							Bexhill-on-Sea ...	-	73	60	13.1
Harrogate ...	-	68	45	b	bcy	8.0	Eastbourne ...	-	72	53	13.0
Scarborough ...	-	61	52	bc	bc	10.0	Seaford ...	-	80	58	13.0
Blackpool ...	-	59	41	bc	c	11.5	Brighton ...	-	71	57	13.5
Southport ...	-	60	44	b, bc, o	c, b.	11.0	Worthing ...	-	72	57	13.5
Buxton ...	-	74	45	bc	bc	10.5	Littlehampton ...	-	71	58	14.0
Leamington Spa ...	-	79	52	b	c	10.6	Southsea ...	-	72	54	12.9
Douglas ...	-	61	47	bc	bcy	11.0	Bournemouth ...	-	75	51	12.5
Wales.							Weymouth ...	-	71	54	12.2
Rhyl ...	-	58	47	b	b	3.4	Teignmouth ...	-	67	49	12.0
Colwyn Bay ...	-	66	46	m	m, b.	4.3	Torquay ...	-	69	52	12.5
Llandudno ...	-	58	48	m	b	4.0	Paignton ...	-	67	48	11.2
Bettws-y-Coed ...	-	54	49	o, c, o	c, b, o	2.2	Ilfracombe ...	-	70	46	12.0
Aberystwyth ...	-	54	49	o, c, o	c, b, o	2.2	Weston-super-Mare ...	-	80	46	12.0
England, S.W.											
Lowestoft ...	-	71	56	b	b, bc	11.9					
Felixstowe ...	-	67	57	b	b	12.3					
Walton-on-Naze ...	-	65	56	b	b	12.8					
Southend-on-Sea ...	-	76	58	b	b	13.5					

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.				In Screen.	Night Min. on Grass.	Night.	Fore- noon.	
Greenwich (Royal Obey.) ...	48	70	F. 54	F. 53	42	b, bc.	bc, c	12.4	Dublin to 4 p.m.	In. Trace	F. 62	F. 51	47	o, c, b	12.4
City (Bunhill Row) ...	"	"	"	"	"	"	"	9.3	Plymouth to 9 p.m.	"	72	53	47	bc	11.5
Westminster (St. James's Pl.)	53	69	80	57	51	bc	bc	10.9	Darwen "	0.01	70	45	40	bcw	11.5
Camden Sq. (Brit. Rainfall)	41	62	84	56	52	by, b	bc, b	10.0	Manchester "	"	76	50	"	by, b	9.4
Hampstead (Reservoir) ...	"	68	78	59	43	bc	bc	11.7	Birmingham "	"	73	54	43	by	"
Kew. (See front page.)	"	"	"	"	"	"	"	"	Oxford to 8 p.m.	"	80	52	47	b	12.0
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.															
Total.			Mean Rate.		Max. Rate.				S. Kensington (Museum Grounds to 6 p.m.)						
18.41 Joules.			31.9 Milliwatts.		79 Milliwatts.				- 81 60 48 b b, bc c, bc						

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

27th 28th May 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 3.14 3.42	G.M.T. 11.50 11.50	G.M.T. 7.57 7.58
Greenwich ...	3.56 3.54	11.57 11.57	7.58 8.0
Wick ...	3.26 3.24	12.9 12.9	8.53 8.55
Valencia ...	4.25 4.34	12.38 12.38	8.41 8.42

During yesterday the thermometer rose to a little above 80° in some parts of London, and to 80° at several stations over the inland parts of England. Locally on the west & south-west coasts the temperature was much lower, only 54° at Aberystwyth. Thunder and lightning, with little or no rain, occurred at Spurn Head and Northampton and also on the coast of Jutland. Bright sunshine was again very prevalent over the greater part of the Kingdom, more than 12 hours being recorded over a large portion of England, more than 13 hours at several stations. Fog and mist were again reported locally on the west and south-west coasts.

NOTE.—The information relating to weather is indicated by the following letters—b, blue sky; bc, sky half clouded; c, sky three parts clouded; d, drizzling rain; e, wet air, without rain falling; f, fog; g, gloom; h, hail; 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
28th May, 1913.

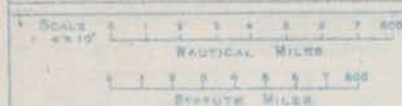
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.					
	At 32° Fahr. and M.S.L. Lat. 45°.		Dry Bulb.	Direc.		Force (0 to 12).	Weather.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.						Night. 6 p.m. to 7 a.m.							
	In.	F.														In.	F.	In.	F.			
Lerwick	30.08	50	WSW	3	bc	30.01	-0.2	49	+1	-	0	bc	0	-	54	46	c.bc	bc	bc	Hours		
Stornoway	30.10	51	NNE	2	o	29.89	-0.6	48	-2	SE	2	r	2	0.05	51	46	o.p	o	o.p	1.9		
Castlebay (Barra Isd.)	30.08	51	WNW	2	c	29.84	-0.4	48	-1	ESE	4	r	4	0.12	52	46	o	a.c	o.or.	2.4		
Glasgow	30.05	57	E	1	b	29.96	-0.3	45	-2	E	2	o			58	43	o.bc	b	b.u.	9.1		
Malin Head... ..	30.06	50	E	2	b	29.85	-0.1	53	+3	WSW	2	m	1	0.10	55	48	bc	bc	o.m	*		
Blackod Point	30.01	54	SW	4	o	29.84	-0.1	52	-1	SW	4	r	3	0.20	59	50	bc	bc	o.m	*		
Valencia	30.05	56	SSE	3	c	29.91	-1.03	53	-2	SSE	3	om	3	Trace	63	53	bc	bc	o.m	5.2		
Roche's Point	30.10	56	S	3	c	29.98	*	53	0	SSW	3	o	3	0.02	59	53	b	bc	o.p	*		
Birr Castle	30.02	66	-	0	c	29.91	*	55	+5	S	3	c			67	49	bc	c	c	2.5		
Donaghadee	30.08	50	NNE	2	bc	29.90	-0.5	51	+3	S	2	o	2	-	54	48	cy	bc	bc	*		
Liverpool Obsy.	30.07	56	WNW	3	b	30.00	-0.3	55	+4	SE	2	o	3	-	59	50	bc	b	bc	11.5		
Holyhead	30.08	55	N	1	bc	?	00	51	0	SSW	3	fd	2	-	56	50	bc	bc	bc	11.5		
Pembroke (St. Ann's Hd.)	30.08	57	NE	1	bc	30.06	-0.2	51	-5	SW	3	f	3	Trace	66	50	bc	b	bc	12.0		
Newquay	30.08	62	WSW	1	b	30.06	-1.02	55	-1	SE	3	of	2	-	64	50	bc	bc	bc	12.0		
Scilly (St. Mary's)	30.12	54	WNW	2	f	30.09	-0.3	52	-1	SSE	3	fe	3	-	64	49	bc	f	fe	10.4		
Jersey (St. Aubin)	30.13	54	W	3	of	30.18	*	52	-8	W	1	fe	0	-	64	50	bc	o.m	fe	12.0		
Portland Bill	30.07	55	W	3	m	30.13	+0.1	55	-1	SW	1	bc	2	-	65	52	bc	cf	o.m	*		
Dungeness	29.99	61	SW	4	c	30.09	+0.5	63	-1	NW	3	c	2	Trace	69	53	bc	bc	o.m	*		
Dover	29.99	67	SW	4	o	30.11	*	64	-2	NW	2	bc	2	-	78	57	bc	bc	o.m	10.9		
Wick	30.11	48	S	2	o	29.95	-0.3	47	-3	SSE	3	c	3	Trace	57	45	bc	cy	o.m	*		
Nairn	30.09	51	E	1	o	29.94	*	46	-2	-	0	o	1	0.03	57	36	a.bc	p.c	o.m	0.5		
Aberdeen	30.10	50	ESE	2	o	29.99	-0.3	46	-3	SSE	2	o	2	-	57	47	o	o	o.m	3.2		
Leith	30.06	50	N	2	o	29.97	-0.4	47	-2	-	0	o	*	-	53	46	o.c	bc	o.m	*		
North Shields	30.06	52	E	2	c	30.02	-0.1	49	-1	SSE	1	cy	2	-	56	46	c	o.c	o.m	0.0		
Spurn Head	30.02	52	N	3	o	30.06	00	51	-2	ESE	1	o	3	-	56	49	c.o	om	om	1.6		
Yarmouth	30.01	58	NNE	1	bc	30.08	+0.6	52	-2	NNW	2	o	2	Trace	60	52	bc	bc	o.m	6.9		
Clacton-on-Sea	29.99	62	ESE	1	c	30.09	+0.4	58	-7	-	0	bc	0	1.06	75	54	bc	bc	o.m	9.1		
Nottingham	29.99	66	ENE	2	b	30.05	*	53	+1	SW	1	cm	*	-	70	45	om	om	o.m	4.6		
Bath	30.04	73	W	2	b	30.10	*	60	+3	-	0	b	*	-	77	49	-	-	-	10.5		
London (Kew Obsy.)	30.00	74	W	2	bc	30.09	-0.0	59	-2	-	0	cm	*	0.06	77	54	om	om	o.m	10.1		
Spitzbergen	29.86	30	NW	2	bc	29.89	+0.2	28	0	NW	4	bc	*	-	32	23	-	-	-			
Isafjord	30.01	45	E	3	bc	29.98	-0.1	40	-1	-	0	b	*	-	*	*	-	-	-			
Reykjavik	30.04	55	-	0	c	29.89	-1.06	43	-1	SE	1	b	*	-	*	*	-	-	-			
Vestmanna	30.02	50	W	1	b	29.89	-0.3	45	-1	E	1	b	*	-	*	*	-	-	-			
Seydisfjord	30.02	48	E	2	o	29.97	+0.1	42	+2	-	0	c	*	-	*	*	-	-	-			
Thorshavn	30.02	49	WSW	3	o	29.96	-0.2	48	+1	-	0	bc	*	-	*	*	-	-	-			
Haparanda	29.81	47	N	2	b	29.89	+0.2	46	-1	N	6	b	*	-	55	37	-	-	-			
Hernösand	29.82	50	-	0	c	29.93	+0.3	50	0	-	0	c	*	0.04	52	45	-	-	-			
Stockholm	29.81	50	W	2	b	29.88	+0.3	53	-2	NNW	2	b	*	Trace	64	43	-	-	-			
Wisby	29.84	53	W	2	b	29.86	+0.4	53	-1	NE	2	b	*	-	59	45	-	-	-			
Karlstad	29.86	55	NE	2	b	29.93	+0.2	52	-2	NE	4	b	*	-	66	43	-	-	-			
Färder (Xfanta Fjord)	29.87	60	NW	2	b	29.95	+0.2	53	0	N	2	c	1	-	60	50	-	-	-			
Bodö	29.97	44	N	2	b	30.03	+0.3	41	-3	N	2	bc	1	-	45	29	-	-	-			
Christiansund	30.02	47	-	0	c	30.02	00	46	+1	ENE	2	c	3	0.04	47	45	-	-	-			
Skudesnaes	30.05	48	NNW	2	b	30.01	00	50	+1	N	2	b	1	-	52	43	-	-	-			
The Scaw (Skagen)	29.91	51	W	3	b	29.91	+0.2	54	+2	-	0	b	0	-	59	46	-	-	-			
Blaavands Huk	30.05	50	N	2	o	30.03	+0.2	50	-3	N	2	c	1	-	57	46	-	-	-			
Cuxhaven	29.99	59	NE	3	o	30.02	+0.3	51	-9	NE	3	o	0	-	66	50	-	-	-			
The Helder	30.00	59	NE	1	o	30.06	+0.5	56	-5	NE	2	o	1	-	64	55	-	-	-			
Brussels	30.02	68	WNW	1	bc	30.08	+0.5	59	-12	WNW	1	o	*	Trace	82	53	-	-	-			
Berlin	29.91	72	N	3	o	29.94	+0.3	57	-10	NE	2	c	*	Trace	81	54	-	-	-			
Frankfurt	29.98	69	-	0	m	30.02	+0.4	66	+2	SW	2	b	*	0.20	84	57	-	-	-			
Munich	30.04	64	SW	2	bc	30.09	+0.1	59	-7	SW	5	o	*	0.20	73	57	-	-	-			
C. Gris Nez	30.02	?	SW	4	c	30.11	+0.5	59	-4	SSW	3	m	2	-	70	54	-	-	-			
La Hève	30.10	64	NW	2	b	30.14	*	55	-8	W	1	m	1	-	75	52	-	-	-			
Brest (St. Mathieu)	30.18	55	WSW	3	m	30.17	-0.2	52	0	ESE	3	m	1	0.04	59	50	-	-	-			
Lorient (Bec Meien)	30.13	64	W	3	b	30.13	*	54	-5	E	3	m	1	-	68	49	-	-	-			
Rochefort (Ile d' Aix)	30.13	71	WNW	2	e	30.18	+0.3	57	-8	NNW	1	o	*	-	52	55	-	-	-			
Biarritz	30.12	79	-	0	bc	30.18	-0.1	67	-3	SW	1	bc	0	-	86	63	-	-	-			
Paris	30.05	77	W	2	bc	30.15	+0.4	66	-3	WNW	1	b	*	Trace	84	55	-	-	-			
Belfort	30.13	70	WSW	2	c	30.17	*	62	-5	-	0	m	*	0.20	80	55	-	-	-			
Lyons	30.20	68	-	0	o	30.19	*	63	-2	-	0	b	*	-	85	54	-	-	-			
Nice	30.15	65	-	0	b	30.10	00	62	-4	-	0	bc	1	-	77	57	-	-	-			
Perpignan	30.15	68	E	2	c	30.16	+0.1	65	+1	-	0	o	*	-	73	58	-	-	-			
Sanguinaire	?	64	N	2	m	?	*	63	-1	E	2	m	1	-	73	58	-	-	-			
Corunna (S.m.)	30.19	69	WNW	2	o	30.11	00	68	+12	S	1	o	2	-	72	56	-	-	-			
Lisbon (S.m.)	30.21	63	E	3	bc	30.13	*	65	*	SE	3	o	2	-	72	62	-	-	-			
Gibraltar	30.17	64	-	0	o	30.13	00	66	+2	SSW	2	o	1	-	70	63	-	-	-			
Azores (Horta S.m.)																						
Madeira (Funchal)																						

GALES.
Duration and Extremes Force
on British Coast.

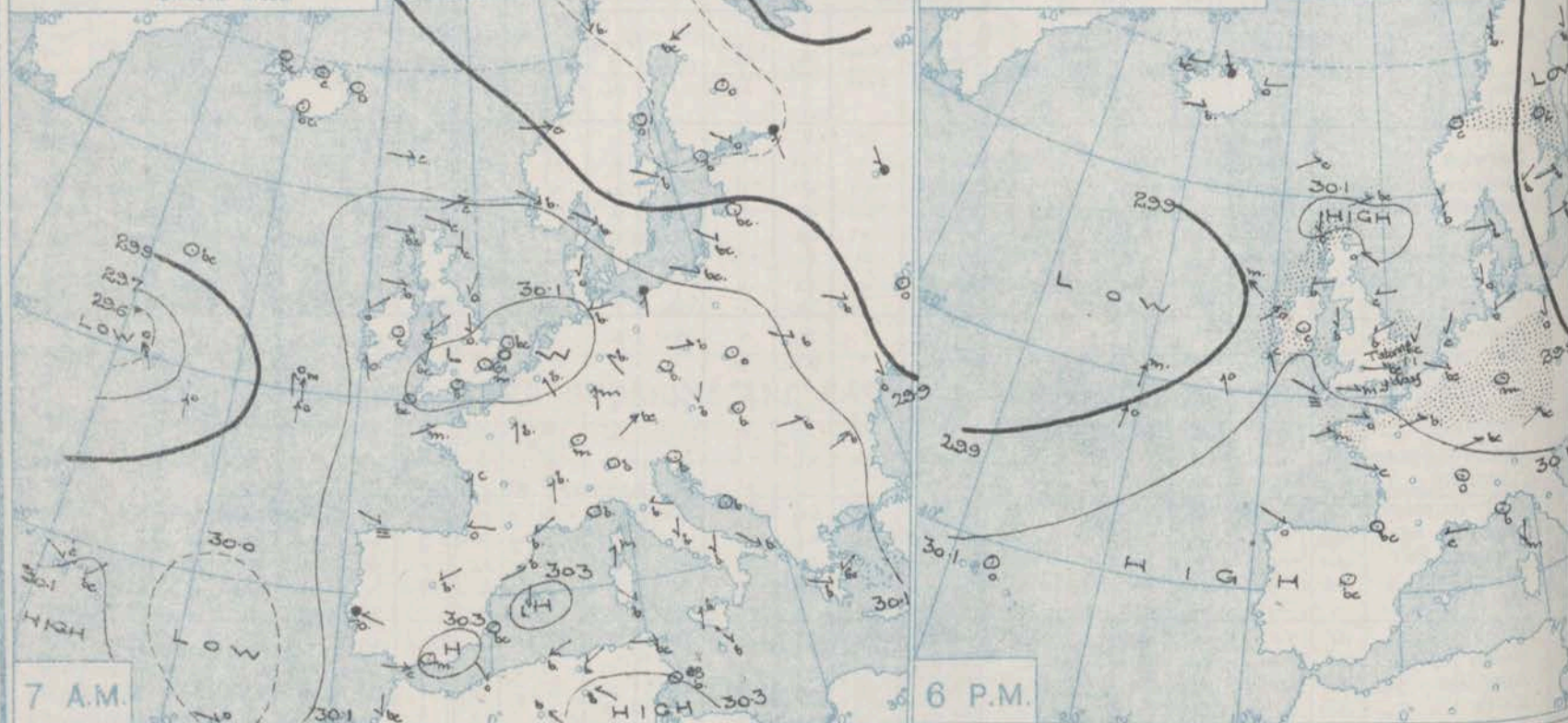
* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



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



GENERAL INFERENCE

WEATHER PROSPECTS.

The depression which is extending over these islands from the Atlantic appears to be large and of moderate depth, and will

probably cause the wind over the United Kingdom to be between South and South West very generally.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

0 {
a
b
1

Wind between South East and South West, light to moderate or fresh; much cloud, some rain; moderate temperature.

2 {
a
b

Southerly and South Westery

3

winds, light or moderate; fair

4 {
a
b

to dull, some rain later;

5

cooler 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 Coast	South Coast
North Coast	North Coast

NO WARNINGS ISSUED.

6 {
a
b

Same as Nos. 0 and 1.

7 {
a
b

Southerly and South Westery

8 {
a
b

winds, light to fresh; cloudy or

9 {
a
b

overcast generally, some rain,

10 {
a
b

mist or fog locally on coast;

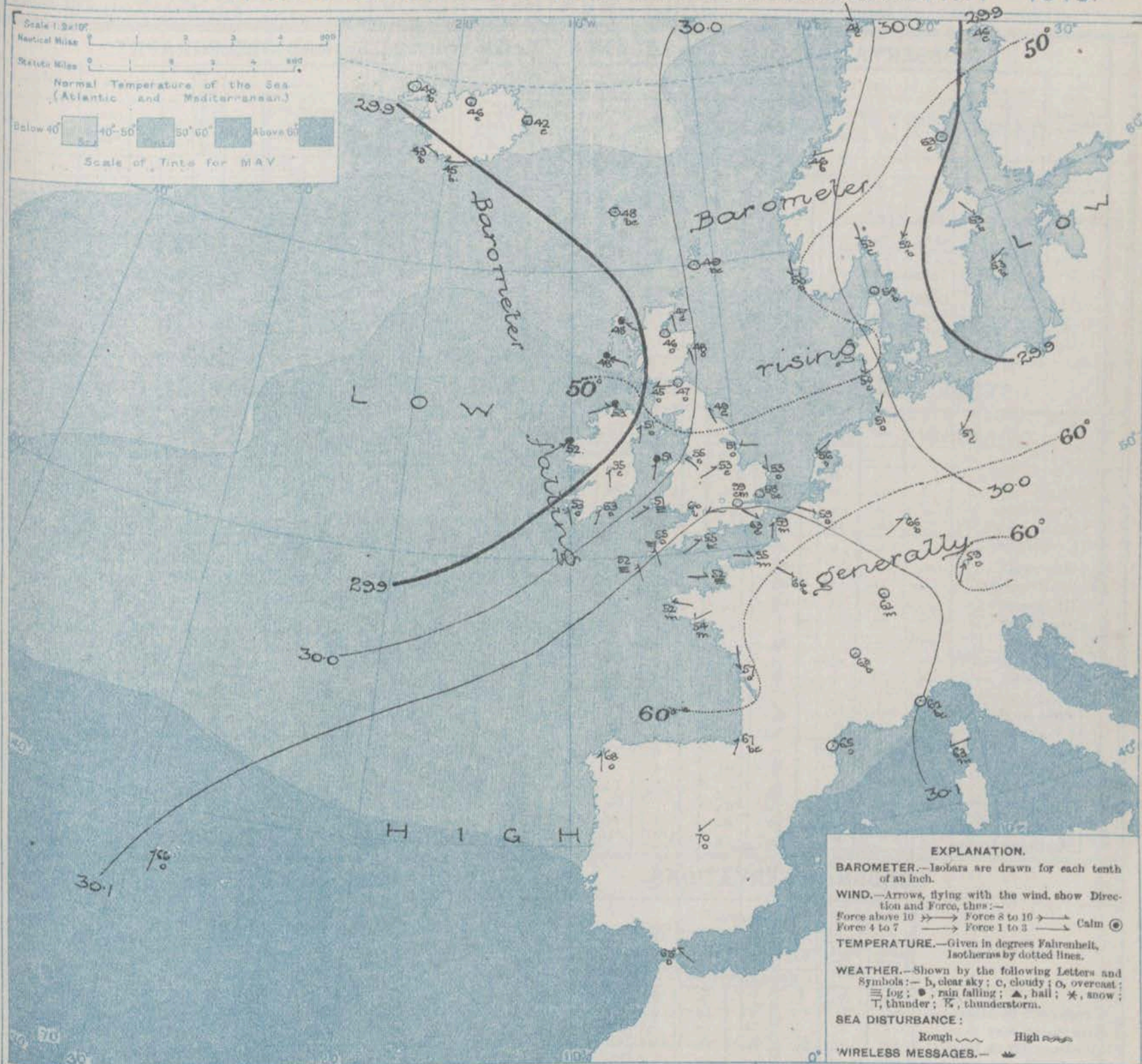
moderate or rather low temperature

11 WESTERN CHANNEL AND BAY.

Wind mainly Southerly or South Westery, light to fresh; sea slight; much mist or fog.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. WEDNESDAY, 28TH MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.1 in. over France and the Channel, and above 30.0 in. over the North Sea and far to the northward. Over the Gulf of Bothnia and the Baltic it is below 29.9 in., and similar readings are reported over our more western and north-western coasts and in the south west of Iceland. The barometer is falling in the west and north of the United Kingdom and also in Iceland.

Light to moderate S.W. winds prevail over the greater part of these Islands, but beyond the North Sea there is a light N.W. current, and the wind is also N.W. over the Netherlands and the South-east of England.

Temperature has decreased in almost all localities, and now ranges over the United Kingdom from 64° at Dover to 51° on some parts of the Welsh coast, and to below 50° in Scotland. A good deal of cloud is reported over these Islands and their neighbourhood, while rain is falling at several stations on our north-western coasts, and fog prevails on various parts of the west and south-west coasts. Over the south of Scandinavia and at several French stations the sky is cloudless.

DAILY WEATHER REPORT.

Wednesday, 28th May 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
27th 6 p.m.	50	20	Montfort	O	29.82	-0.07	SSW	6-7	m.	27th 7 p.m.	50	28	California	O	29.53	-0.16	SE	6-7	o
"	48	20	Kronland	O	29.90	-0.04	SSW	4-5	o	"	48	24	Winnemuckia	O	29.89	-0.04	S	4-5	o
"	55	13	Canada	H	29.90	-0.06	SSE	4-5	m	"	50	16	Montfort	O	30.07	-0.03	S	4-5	m
"	50	13	Dominion	H	29.96	-0.04	SSE	1-3	o	"	50	16	Dominion	H	?	-0.01	SSE	1-3	o
7 a.m.	54	28	Victorian	O	30.08	-0.02	"	0	bc	"	49	16	Kronland	O	30.07	-0.02	SSW	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.	F.	F.	bc	bc	5.5	Margate	In.	F.	F.	"	"	5.5
Oban	"	57	42	"	"	5.4	Ramsgate	"	75	57	"	"	10.1
Stonehaven	"	63	44	"	"	2.4	Folkestone	"	71	60	bc	bc	10.5
St. Andrews	"	61	40	"	"	3.3	Littlestone	"	"	"	"	"	11.4
Carnoustie	"	55	43	"	"	0.3	Hastings	"	75	60	"	"	12.3
England, N.E.	"	64	48	bc, c.	c.	0.7	Bexhill-on-Sea	"	68	60	b, bc	b, bc	12.5
Harrogate	"	54	49	c.	og	6.2	Eastbourne	"	71	56	"	"	11.9
Scarborough	"	58	44	c.	bc	7.3	Seaford	"	75	56	b, bc	b, bc	12.4
Blackpool	"	?	47	bc, bc, b	bc, b	5.2	Brighton	"	76	56	"	"	12.3
Southport	"	63	52	"	"	4.6	Worthing	"	76	56	"	"	12.5
Buxton	"	75	52	"	"	6.0	Littlehampton	"	77	56	"	"	12.5
Leamington Spa	0.04	61	48	"	"	8.5	Southsea	"	76	56	"	"	12.6
Douglas	"	62	43	"	"	9.3	Bournemouth	"	77	52	"	"	11.3
Wales.	"	60	44	"	"	9.8	Weymouth	"	73	54	bc, b	b, bc	9.5
Rhyl	"	63	45	"	"	10.7	Teignmouth	0.01	75	53	"	"	11.1
Colwyn Bay	"	59	54	c, bc, c.	c, bc, c.	9.2	Torquay	"	78	55	"	"	11.3
Llandudno	"	74	53	"	"	9.2	Paignton	"	77	52	"	"	12.0
Bettws-y-Coed	"	70	54	"	"	8.5	Ilfracombe	"	65	54	"	"	9.5
Aberystwyth	"	61	47	"	"	7.6	Weston-super-Mare	"	69	55	b, bc, b	"	12.6
England, E.	"	59	54	c, bc, c.	c, bc, c.	7.0							
Lowestoft	"	74	53	"	"	9.2							
Felixstowe	1.19	70	54	"	"	9.2							
Walton-on-Naze	0.62	70	54	"	"	9.2							
Southend-on-Sea	0.27	60	58	"	"	8.5							

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.				Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.	Fore-noon.		After-noon.	Night.	In Screen.				Night Min. on Grass.	Night.	Fore-noon.	After-noon.			
			Max.	Min.			Max.											Min.		
			24 HOURS ENDED 9 A.M. TO-DAY.																	
Greenwich (Royal Obs.) ...	%	%	F.	F.	F.	In.	b.c.c	c	b.c.b	7.6	Dublin to 4 p.m.	in.	F.	F.	F.	b.c	b.c	b.	12.1	
City (Bunhill Row) ...	50	51	84	52	38	0.03	"	"	"	6.2	Plymouth to 9 p.m.	"	61	49	46	c.b	c.b	b.c	5.5	
Westminster (St. James's Pl.)	"	"	"	"	"	"	"	"	"	"	Darwen "	"	66	54	47	b.w.g	o.g.b	b.c	5.6	
Camden Sq. (Brit. Rainfall)	59	60	80	54	48	0.01	b.c	r	b.c	9.6	Manchester "	"	65	49	47	b.c	b.c	b.c	4.6	
Hampstead (Reservoir) ...	51	49	84	54	48	0.01	b.b.c	b.c	b.b.c	6.6	Birmingham "	"	67	50	"	b.c	b.c	b.c	"	
Kew. (See front page.)	"	53	78	52	42	0.05	b.c	b.c.b.c	b.c.c	10.0	Oxford to 8 p.m.	0.25	74	49	44	b.c	b.c	b.c	"	
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																				
			Total.		Mean Rate.		Max. Rate.													
			Joules.		Milliwatts.		Milliwatts.													
S. Kensington (Roof of M.O.)	57	63							9.5	S. Kensington (Museum Grounds to 6 p.m.)										

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

28th May 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 3.42	G.M.T. 11.50	G.M.T. 7.55
Greenwich	3.41	11.50	7.59
Wick	3.54	11.57	8.0
Valencia	3.53	11.57	8.1
	3.24	12.9	8.55
	3.22	12.9	8.57
	4.34	12.39	8.42
	4.33	12.39	8.43

During yesterday temperature rose to 79° at Margate, to 80° at Southend-on-Sea and to above 80° in some parts of London. Over a considerable portion of England it rose to 75° or above. Thunderstorms were experienced in many parts of the country but the amount varied greatly. At many places there was very little, but at Clacton-on-Sea the measurement was 1.1 inch. Much bright sunshine was again recorded over England and in some Scottish localities, 12 hours or more at some south-western and southern stations. According to wireless reports light to fresh or strong southerly winds prevailed as far west as the 28th meridian.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday, 24th May, 1913.

12th May, 1913.																						
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.			
		At 32° 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.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.		Night. 6 p.m. to 7 a.m.
In.		F.				In.	In.	F.						In.	F.	F.				Hours		
Lerwick	29.81	47	E	5	r	29.86	+0.1	51	+2	SW	3	bc	2	0.58	52	46	cp	or	for the	0.0		
Stornoway	29.68	51	S	5	odq	29.67	+0.3	50	+2	SW	4	c	4	0.14	52	47	odq	odq	odq	0.0		
Castlebay (Barra Isd.)	29.68	51	SSW	4	d	29.71	+0.3	50	+2	SW	4	c	4	0.17	53	47	r	odq	odq	0.0		
Glasgow	29.79	55	SW	4	o	29.82	+0.1	51	+6	SSW	1	c	2	0.17	56	45	o	d	o.c	0.0		
Malin Head	29.74	54	SW	3	bcmp	29.76	+0.4	52	-1	SW	2	bc	1	0.03	56	50	emp	bcmp	bcmp	0.0		
Blackod Point	29.72	53	SW	5	o	29.78	+0.2	51	-1	W	2	o	3	0.10	54	48	emp	emp	emp	0.0		
Valencia	29.84	53	SE	2	m	29.81	-0.2	52	-1	-	0	c	3	0.02	55	50	emp	emp	emp	0.0		
Roche's Point	29.88	54	SW	3	o	29.85	-	51	-2	SW	1	c	2	0.03	55	51	emp	emp	emp	0.0		
Birr Castle	29.79	60	SW	4	c	29.82	-	52	-3	S	1	c	2	0.01	63	49	cp	c	c	0.0		
Donaghadee	29.80	55	SW	3	cp	29.82	+0.3	52	+1	SW	2	bc	1	0.05	57	50	emp	emp	emp	0.0		
Liverpool Obsy.	29.89	59	-	0	o	29.89	0.0	55	0	WSW	3	o	2	0.02	62	54	bc	c	o.c	0.0		
Holyhead	29.89	52	S	6	fdq	29.87	0.0	51	0	SSW	3	fd	3	0.03	53	51	cp	fbq	fbq	0.0		
Pembroke (St. Ann's Hd.)	29.95	53	SSW	5	o	29.90	-0.3	52	+1	S	3	fr	3	0.17	54	50	cp	cp	cp	0.0		
Newquay	30.02	57	SW	2	oy	29.88	-0.3	55	0	SE	2	or	2	0.26	57	53	cp	fbq	fbq	0.0		
Scilly (St. Mary's)	30.01	54	SW	4	f	29.87	-0.2	53	+1	SSE	2	emp	3	0.09	56	51	emp	emp	emp	0.0		
Jersey (St. Aubin)	30.08	73	W	3	b	29.94	-	61	+9	ENE	3	c	3	-	73	51	emp	emp	emp	0.0		
Portland Bill	30.06	53	WSW	3	o	29.96	-0.3	52	-3	SE	2	f	3	-	58	50	f	f	f	0.0		
Dungeness	30.04	57	SSW	3	c	29.98	0.0	59	-4	S	2	c	2	-	64	54	c	fbq	fbq	0.0		
Dover	30.06	58	S	3	b	30.01	-	62	-2	S	2	c	2	-	68	53	bc	bc	bc	0.0		
Wick	29.73	49	SSE	2	r	29.70	+0.4	53	+6	SW	4	c	2	0.14	54	46	c	emp	emp	0.0		
Nairn	29.72	58	-	0	c	29.71	-	53	+7	W	2	c	1	0.11	58	45	emp	emp	emp	0.0		
Aberdeen	29.77	56	SSW	2	o	29.75	+0.2	55	+7	SW	3	c	2	0.01	56	48	emp	emp	emp	0.0		
Leith	29.79	58	SW	2	o	29.84	+0.6	54	+7	WSW	2	c	2	0.12	60	47	emp	emp	emp	0.0		
North Shields	29.85	61	WSW	2	c	29.84	+0.2	56	+7	SW	3	o	2	0.04	61	46	emp	emp	emp	0.0		
Spurn Head	29.90	65	WSW	4	o	29.91	+0.2	59	+8	WSW	2	cp	2	trace	67	50	emp	emp	emp	0.0		
Yarmouth	29.99	62	S	1	c	29.95	+0.2	62	+9	SW	2	bc	2	-	71	52	emp	emp	emp	0.0		
Clacton-on-Sea	30.01	66	S	3	c	29.98	0.0	61	+3	SSW	2	o	2	-	71	57	emp	emp	emp	0.0		
Nottingham	29.91	69	SW	4	o	29.92	-	59	+6	SW	2	emp	2	0.01	75	53	emp	emp	emp	0.0		
Bath	30.01	67	S	3	bc	29.95	-	59	-1	-	0	o	2	-	73	54	emp	emp	emp	0.0		
London (Kew Obsy.)	30.02	72	SW	4	c	29.98	0.0	61	+2	-	0	o	2	-	76	56	emp	emp	emp	0.0		
Spitzbergen	29.94	28	NW	2	c	29.97	+0.1	29	+1	-	0	c	2	-	29	19	-	-	-	0.0		
Isafjord	29.89	47	N	3	b	29.89	+0.2	42	+2	E	3	c	2	-	-	-	-	-	-	0.0		
Reykjavik	29.77	50	W	1	r	29.70	0.0	43	0	-	0	b	2	-	-	-	-	-	-	0.0		
Vestmanna	29.76	47	E	5	b	29.70	0.0	46	+1	E	1	b	1	-	-	-	-	-	-	0.0		
Seydisfjord	29.92	45	E	3	o	29.82	-0.2	39	-3	-	0	o	2	-	-	-	-	-	-	0.0		
Thorshavn	29.79	51	ESE	4	o	29.50	-0.2	50	+2	SSW	2	o	2	-	-	-	-	-	-	0.0		
Haparanda	29.96	44	N	4	c	30.04	+0.1	44	-2	N	2	o	2	-	52	57	-	-	-	0.0		
Hernösand	29.95	47	N	2	bc	30.02	+0.2	50	0	-	0	b	2	-	55	57	-	-	-	0.0		
Stockholm	29.93	50	S	2	c	30.01	+0.2	57	+4	SSE	2	c	2	-	59	45	-	-	-	0.0		
Wisby	29.97	50	-	0	b	30.03	+0.2	54	+1	V	2	b	2	-	61	43	-	-	-	0.0		
Karlstad	29.91	56	-	0	bc	29.96	0.0	58	+6	-	0	bc	2	-	61	46	-	-	-	0.0		
Färder (X'ania Fjord)	29.93	59	SW	2	b	29.91	-0.1	54	+1	S	4	o	2	-	59	49	-	-	-	0.0		
Bodö	30.05	42	NE	2	b	29.99	-0.4	44	+3	E	2	b	1	-	44	34	-	-	-	0.0		
Christiansund	29.99	48	NE	1	b	29.81	-0.4	51	+5	E	1	b	2	-	51	43	-	-	-	0.0		
Skudesnaes	29.95	49	NNW	2	b	29.80	-0.1	50	0	SE	6	o	4	-	50	46	-	-	-	0.0		
The Scaw (Skagen)	29.96	52	NW	1	b	29.94	-0.2	52	-2	S	2	o	0	-	65	46	-	-	-	0.0		
Blaavands Huk	30.06	50	NNW	1	o	29.93	-0.2	52	+2	SSE	3	o	2	-	54	48	-	-	-	0.0		
Cuxhaven	30.07	54	N	2	o	29.96	-0.3	62	+11	SW	3	o	0	-	64	50	-	-	-	0.0		
The Helder	30.03	56	S	3	c	29.99	+0.1	61	+6	SSW	3	bc	2	-	61	55	-	-	-	0.0		
Brussels	30.08	65	-	0	b	30.04	0.0	69	+10	SSE	2	b	2	-	76	56	-	-	-	0.0		
Berlin	30.03	62	NW	2	b	30.10	+0.2	59	+2	S	1	c	2	-	72	54	-	-	-	0.0		
Frankfurt	30.11	67	NW	1	b	30.14	+0.1	62	-4	SW	1	m	2	-	77	54	-	-	-	0.0		
Munich	30.12	66	NE	5	c	30.18	+0.1	62	+3	SW	2	b	2	-	72	54	-	-	-	0.0		
C. Gris Nez	30.08	58	SW	3	m	30.01	-0.2	69	+10	S	4	c	1	-	69	55	-	-	-	0.0		
La Hève	30.04	73	SW	1	b	30.00	-	66	+11	SE	3	c	1	-	79	53	-	-	-	0.0		
Brest (St. Mathieu)	30.10	59	S	2	o	29.91	-0.1	57	+5	SE	2	o	2	0.04	63	50	-	-	-	0.0		
Lorient (Rec. Malen)	30.04	59	E	2	o	29.92	-	59	+5	ENE	1	o	2	-	64	54	-	-	-	0.0		
Rochefort (Ile d'Alx)	30.07	68	NW	2	b	29.92	-0.4	67	+10	E	3	o	2	-	79	57	-	-	-	0.0		
Biarritz	30.03	71	ENE	2	c	29.90	-0.3	64	-3	ESE	2	c	0	-	75	63	-	-	-	0.0		
Paris	30.12	73	ESE	2	b	30.05	-0.1	68	+2	SSE	2	b	2	-	80	55	-	-	-	0.0		
Belfort	30.10	64	W	4	b	30.15	-	62	0	E	6	m	2	-	76	54	-	-	-	0.0		
Lyon	30.10	76	NNW	1	b	30.08	-	66	+3	-	0	b	2	-	84	56	-	-	-	0.0		
Nice	30.05	64	-	0	b	30.12	+0.3	63	+1	-	0	b	1	-	72	55	-	-	-	0.0		
Perpignan	30.03	62	SW	1	b	30.04	0.0	74	+9	W	1	b	2	-	89	62	-	-	-	0.0		
Sanguinaire	29.98	64	SW	0																		

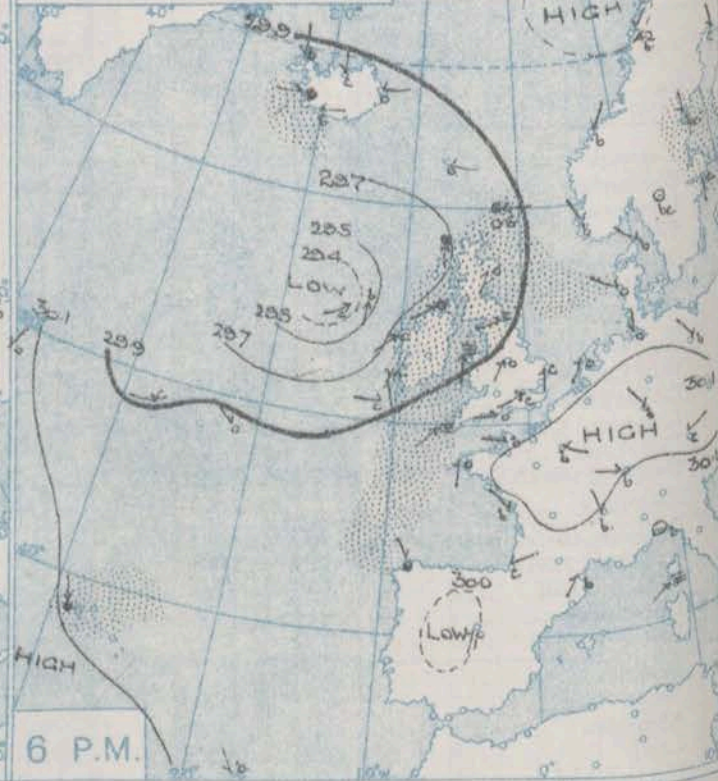
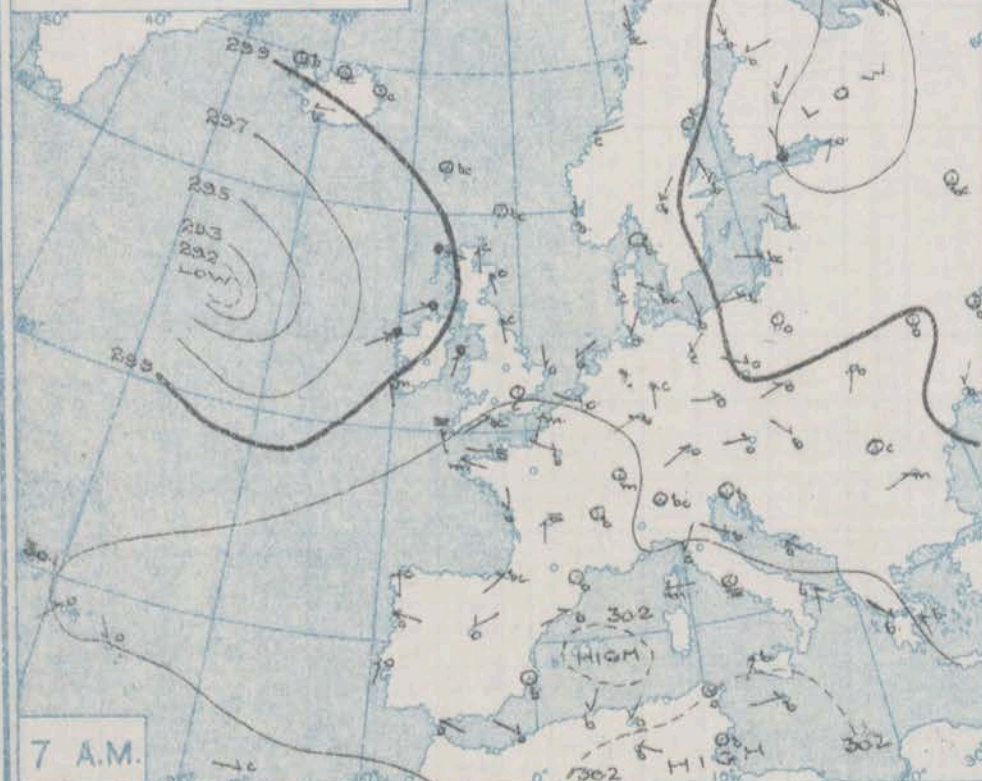
* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



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



GENERAL INFERENCE

The barometrical changes in progress are slight and not very definite, but they seem to point to a prolongation

WEATHER PROSPECTS.

of a southerly to easterly type of weather.

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

0 {
a
b

Wind mainly between

1

South and South-East, light or

moderate; a good deal of cloud

2 {
a
b

generally, some rain in places,

3

rather warm, close.

4 {
a
b

5

Wind southerly or south-
easterly light; sky rather variable,
mostly cloudy some rain locally;
temperature becoming less high, but
air more humid.

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

Southerly and South.

7 {
a
b

Easterly winds, light or moderate

8 {
a
b

fresh locally later; much cloud

9 {
a
b

some rain, mist or fog on

10 {
a
b

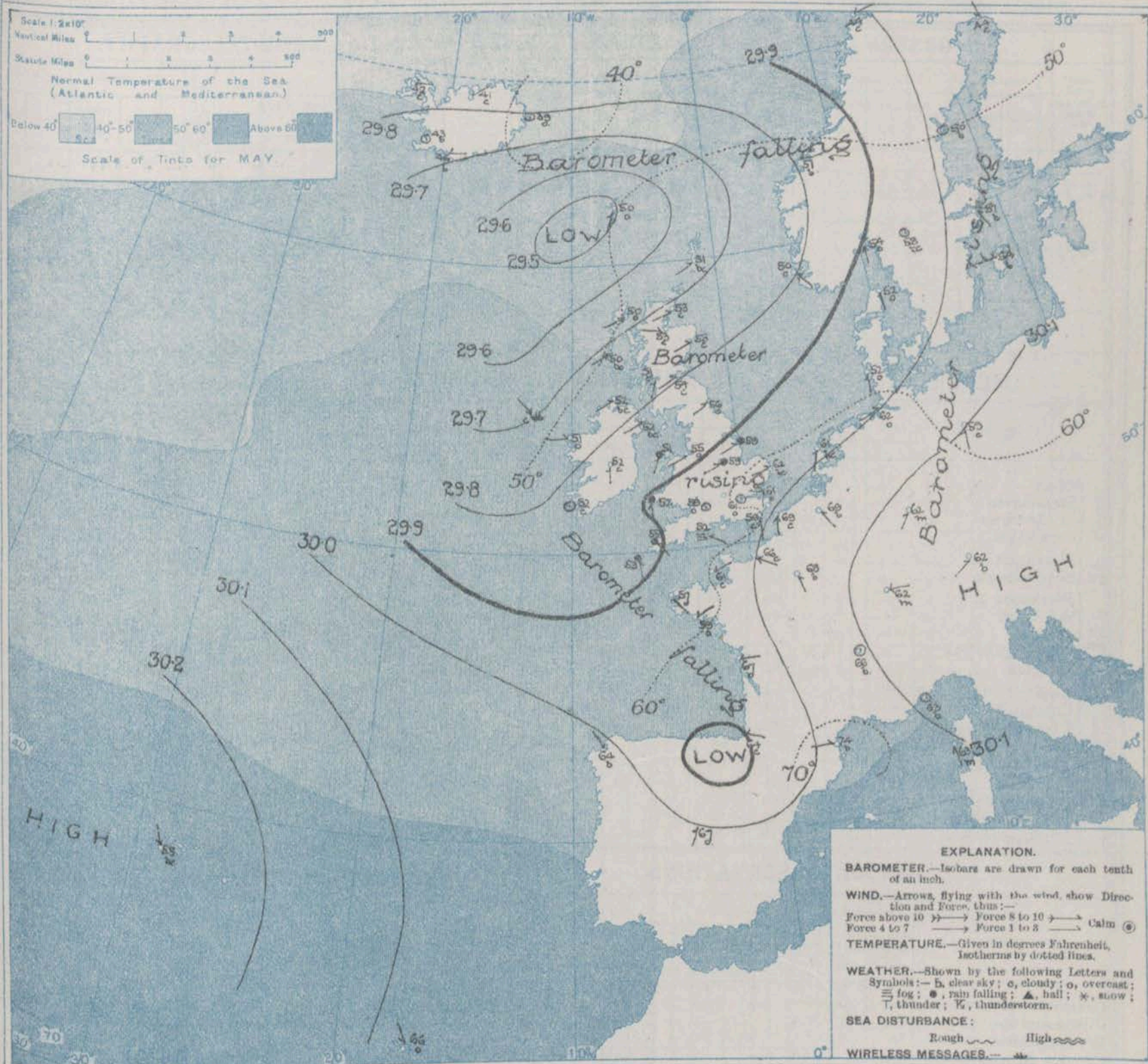
coast; moderate temperature.

11 WESTERN CHANNEL AND BAY.

South-easterly to South-
easterly winds, light or moderate;
sea slight; much mist or fog, some
rain.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. THURSDAY, 29TH MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is below 29.5 in. in a depression centred near the $\frac{1}{2}$ meridian, above 30.1 in. over Central Europe, and above 30.2 in. at the Azores.

The wind is E^{ly} to S.E^{ly} over the Bay of Biscay, and our south-western coasts, S^{ly} to S.W^{ly} over the United Kingdom generally, and calm or E^{ly} in Iceland. Its force is very light to moderate. Temperature ranges over these Islands from 62° at Dover and Great Yarmouth, and 59° in the Orkney Islands to 51° at Holyhead and Blackhead Point, and to 50° in the Hebrides.

Generally the sky is cloudy or overcast in these Islands, with rain at several places in Wales, the south-west of England and also at Nottingham and Spurn Head. Much fog or mist is again reported along the western and south-western seaboard. Over the Continental portion of our area the sky is mostly fair to bright.

DAILY WEATHER REPORT.

Thursday, 29th May 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
	"	"			In.	In.		(0-12).		"	"				In.	In.		(0-12).	
29th 7 a.m.	55	12	<u>Mongolian</u>	O	29.63	+0.6	WNW	6-7	c	28th 6 p.m.	55	13	<u>Laurentie</u>	O	29.41	-1.2	SSW	4-5	b
" "	54	10	<u>Virginian</u>	H	29.63	+0.2	WSW	6-7	c	" "	51	11	<u>Franconia</u>	O	29.84	-0.3	W	1-3	c
28th 6 p.m.	52	39	<u>Olympic</u>	H	30.15	+0.1	NE	4-5	c	" 7 a.m.	48	25	<u>Koonland</u>	O	29.94	+0.5	WNW	4-5	c
" "	49	21	<u>Adriatic</u>	H	29.91	-0.2	WNW	4-5	c	" 7 a.m.	48	25	<u>Adriatic</u>	H	29.91	-0.1	WNW	6-7	c
" "	54	16	<u>Virginian</u>	H	29.37	+0.4	SW	6-7	c	" 7 a.m.	53	22	<u>Virginian</u>	H	29.20	-0.3	SSW	1-3	c

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun-shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	0.12	56	43	op	og	0.0	England, S.E.	Margate	0.09	74	56	b	b	0.0
	Stonehaven	0.01	56	46	fr	fg	0.0		Ramsgate	0.01	72	55	b	b	0.0
	St. Andrews	-	58	44	o	o	0.0		Folkestone	-	67	54	b	b	0.0
	Carnoustie	-	54	43	*	*	0.0		Littlestone	-	68	57	b	b	0.0
England, N.E.	Harrogate	-	70	40	c.b.c	b.c.o	1.8	England, S.W.	Hastings	-	65	57	b	b	0.0
	Scarborough	-	58	48	o.c	og	0.2		Bexhill-on-Sea	-	63	55	b	b	0.0
	Blackpool	-	56	46	o	o	0.0		Eastbourne	-	65	56	b	b	0.0
	Southport	-	60	47	b.c.o	o	0.3		Seaford	-	65	52	b.c	b.c	0.0
England, N.W.	Buxton	-	72	45	b.c	b.c	6.7	England, S.W.	Brighton	-	62	55	c.b.c	m.f	0.0
	Leamington Spa	0.05	78	47	c	c	5.5		Worthing	-	66	52	b.c	b	0.0
	Douglas	0.04	52	47	c.f.d	og	0.0		Littlehampton	-	71	57	b	b	0.0
	Rhyl	-	64	44	b.c	c.b	1.4		Southsea	-	70	58	b.c	b	0.0
Wales.	Colwyn Bay	-	58	46	b.c	b.c	3.0	England, S.W.	Bournemouth	-	67	51	b.c	b.c	0.0
	Llandudno	-	62	50	b	b	2.8		Weymouth	-	61	50	b.c	c.og	0.0
	Bettws-y-Coed	-	64	45	b	b	0.6		Teignmouth	-	69	52	b	b	0.0
	Aberystwyth	-	63	52	o.c	c.b.c	4.2		Torquay	-	68	54	b	b	0.0
England, E.	Lowestoft	-	66	52	c.b.c	o.b.c	4.1	England, S.W.	Paignton	-	69	53	b	b	0.0
	Felixstowe	-	73	52	b.c	b.c	12.1		Ilfracombe	-	71	52	b.c	b.c	0.0
	Walton-on-Naze	-	71	53	b.c	b.c	11.1		Weston-super-Mare	-	75	51	b.c	b.c	0.0
	Southend-on-Sea	0.42	76	54	b	b	11.0								

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain-fall.	WEATHER.		Sun-shine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Fore-noon.	After-noon.	
Greenwich (Royal Obs.)	46	63	51	57	48	b	b	10.8
City (Rushmill Row)	-	-	-	-	-	-	-	8.5
Westminster (St. James's Pk.)	55	67	77	59	54	b	b	10.1
Camden Sq. (Brit. Rainfall)	43	54	82	-	54	b.c	b.c	8.7
Hampstead (Reservoir)	-	56	76	52	52	b	c	10.4
Kew. (See front page.)	-	-	-	-	-	-	-	-
VERTICAL COMP. OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.								
Total			Mean Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)	62	70.	2140 Joules.		37 Milliwatts.		78 Milliwatts.	10.2

Additional Observations for Yesterday.

STATIONS.	Rain-fall.	TEMPERATURE.		WEATHER.		Sun-shine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Fore-noon.	
Dublin to 4 p.m.	-	65	54	51	o.c	o
Plymouth to 9 p.m.	-	63	53	48	c.b	of
Darwen	0.01	64	45	42	b	og
Manchester	-	73	46	-	b.c	b.c
Birmingham	-	71	48	36	c	o
Oxford to 8 p.m.	-	74	49	44	b.c	b.c
S. Kensington (Museum Grounds to 6 p.m.)	0.01	78	55	45	c	b.c

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

29th & 30th May 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 3.41 3.40	G.M.T. 11.50 11.50	G.M.T. 7.59 8.0
Greenwich	3.53 3.52	11.57 11.57	8.1 8.2
Wick	3.22 3.20	12.9 12.9	8.57 8.58
Valencia	4.33 4.32	12.38 12.38	8.43 8.44

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to above 70° over a large portion of England, and to about 80° in some London districts - Over the greater part of Scotland and in several parts of Ireland the maximum readings were below 60°. Rain was experienced over a large area in the west and north, but nearly all the measurements were small. Much bright sunshine was recorded in the south-east, south and south-west of the Kingdom, little elsewhere. According to wireless reports moderate to strong winds from between S.W. and S prevailed on the Atlantic as far west as the 28th meridian.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,
20th May, 1913.

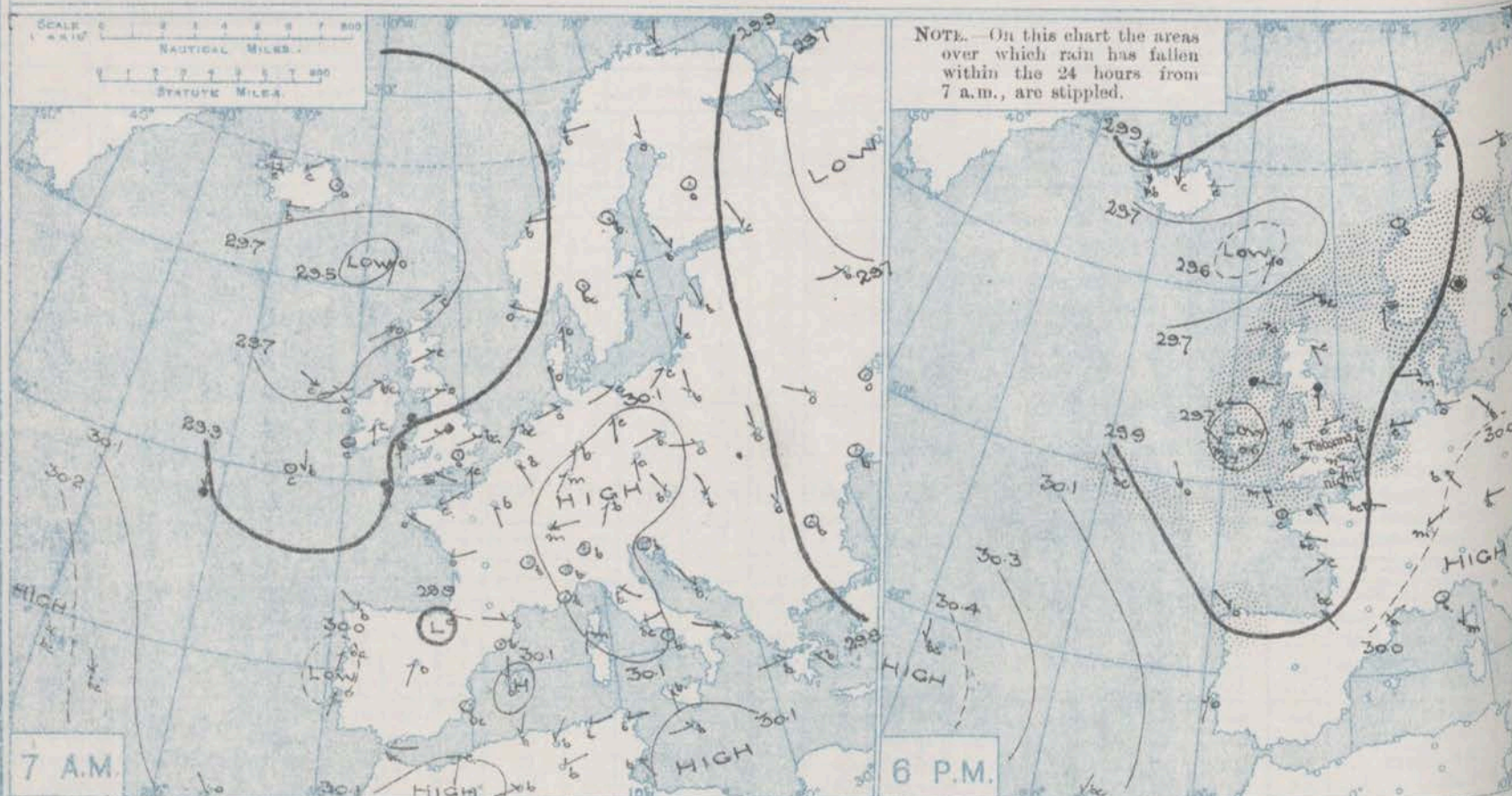
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.			
		At 55° Fabr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).			At 55° Fabr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dir.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.		Night. 6 p.m. to 7 a.m.
BRITISH ISLANDS.	Lerwick	In.	F.				In.	In.	F.							In.	F.	F.				Hour.
	Stornoway	29.80	53	SW	3	bc	29.76	-0.03	52	+1	SSE	4	c	3	-	55	48	c	bc	c	*	
	Castlebay (Barra Isd.)	29.79	52	WSW	4	odp	29.63	-0.07	49	-1	ENE	3	r	3	0.01	56	47	c	odp	odp	1.2	
	Glasgow	29.79	51	SSE	3	o	29.54	-0.07	50	0	ENE	3	r	3	0.17	54	48	c	o	o	3.8	
	Malin Head... ..	29.80	58	SSW	1	c	29.65	-0.03	58	+7	E	1	c	1	0.11	61	51	c	c	odp	2.4	
	Blacksod Point ...	29.77	51	E	3	omr	29.51	-0.04	56	+4	ESE	2	o	1	0.03	56	50	bc	omr	omr	*	
	Pembroke (St. Ann's Hd.)	29.72	53	E	2	o	29.48	-0.07	51	0	NE	2	r	2	0.09	54	49	og	og	omr	*	
	Valencia	29.67	53	NW	2	m	29.43	-0.05	51	-1	NNW	1	r	3	0.73	56	50	c	omr	omr	0.1	
	Roche's Point ...	29.69	53	S	3	r	29.46	*	53	+2	SSE	4	o	4	0.66	54	51	fd	fd	fd	*	
	Birr Castle	29.67	57	NW	1	m	29.48	*	55	+3	SE	1	r	2	0.20	57	51	bc	bc	bc	0.0	
ICELAND, FAEROE, &c.	Donaghadee	29.79	58	S	2	r	29.61	-0.03	52	0	SE	1	fb	2	0.24	60	51	bc	omr	omr	*	
	Liverpool Obsy. ...	29.79	62	ESE	1	r	29.65	-0.03	60	+5	SE	2	b	1	0.14	64	54	odp	odp	bc	0.0	
	Holyhead	29.78	58	S	2	odm	29.59	-0.05	57	+6	SSE	2	c	2	0.05	59	51	fd	fd	omr	0.0	
	Pembroke (St. Ann's Hd.)	29.78	54	SSE	3	c	29.56	-0.04	56	+4	SE	4	c	3	0.28	57	52	fr	fr	omr	0.0	
	Newquay	29.77	58	SE	3	b	29.60	-0.02	56	+1	SE	5	ogm	2	0.07	61	51	or	or	odp	2.7	
	Silly (St. Mary's) ...	29.76	55	SE	3	omv	29.57	-0.03	54	+1	SE	3	om	3	0.17	59	51	fm	fm	omr	0.6	
	Jersey (St. Aubin) ...	29.84	70	SE	2	og	29.73	*	61	0	SSE	2	bm	1	0.01	71	57	c	og	odp	0.8	
	Portland Bill	29.83	58	-	0	bc	29.68	-0.01	55	+3	ESE	2	c	2	0.11	59	51	fc	odp	odp	*	
	Dungeness	29.82	65	S	3	c	29.73	-0.00	61	+2	SSE	1	bc	1	-	68	58	c	c	odp	*	
	Dover	29.85	72	S	1	bc	29.74	*	63	+1	SSW	3	b	2	0.09	77	62	c	bc	odp	7.4	
SCANDINAVIA.	Wick	29.80	53	NE	2	c	29.66	-0.02	48	-5	ESE	1	fb	3	0.06	61	47	c	odp	odp	*	
	Nairn	29.80	61	W	1	bc	29.64	*	51	-2	-	0	o	1	0.02	64	49	bc	bc	odp	1.0	
	Aberdeen	29.81	62	SSE	3	c	29.71	-0.01	51	-4	SSE	2	fb	2	-	66	50	c	c	bc	3.8	
	Leith	29.79	60	SE	1	c	29.68	-0.03	57	+3	-	0	fb	2	-	64	49	c	c	c	*	
	North Shields ...	29.84	57	S	1	odp	29.71	-0.02	53	-3	E	1	odp	2	0.04	61	50	c	or	odp	0.0	
	Spurn Head	29.82	56	SE	3	o	29.76	-0.02	57	-2	NE	1	omv	2	0.02	76	50	odp	odp	odp	1.9	
	Yarmouth	29.87	59	SSE	2	bc	29.72	-0.02	59	-3	E	2	bc	2	0.26	71	56	bc	bc	bc	5.5	
	Clacton-on-Sea ...	29.85	62	SE	1	c	29.72	-0.02	61	0	E	3	bc	2	0.24	69	59	odp	c	odp	4.0	
	Nottingham	29.80	68	E	1	o	29.69	*	59	0	SE	1	omv	*	0.23	73	54	odp	odp	omr	1.5	
	Bath	29.81	70	SW	1	b	29.67	*	64	+5	SE	1	o	*	-	73	55	-	-	odp	3.3	
GERMANY, &c.	London (Kew Obsy.)...	29.83	72	SSW	2	c	29.72	+0.02	62	+2	SE	1	bc	*	0.66	79	59	omr	c	odp	2.1	
	Spitzbergen	29.46	28	NW	2	o	29.45	-0.00	29	0	M	2	o	*	-	30	25	-	-	-	*	
	Isafjord	29.43	37	N	8	b	29.46	+0.01	36	-6	M	6	c	*	-	30	25	-	-	-	*	
	Reykjavik	29.69	52	N	8	b	29.79	-0.00	46	-3	-	0	b	*	-	30	25	-	-	-	*	
	Vestmanna	29.71	50	SE	1	b	29.72	+0.01	44	-2	M	1	b	0	-	30	25	-	-	-	*	
	Seydisfjord	29.82	49	E	1	c	29.81	-0.01	44	+5	S	1	c	*	-	30	25	-	-	-	*	
	Thorshavn	29.80	51	SW	4	o	29.68	+0.02	48	-2	WSW	2	o	*	-	30	25	-	-	-	*	
	Haparanda	30.05	42	W	2	b	30.03	-0.00	46	+2	S	4	bc	*	-	50	32	-	-	-	*	
	Hernösand	29.95	45	-	0	c	29.93	-0.00	51	+1	SW	2	o	*	0.03	52	45	-	-	-	*	
	Stockholm	29.99	51	SSE	2	o	29.99	+0.02	51	-6	SSE	2	o	*	-	63	48	-	-	-	*	
FRANCE.	Wisby	29.97	49	SSE	2	c	30.00	+0.02	58	+4	WSW	2	b	*	-	63	43	-	-	-	*	
	Karlstad	29.91	53	-	0	r	29.95	-0.00	53	-5	-	0	o	*	0.04	63	50	-	-	-	*	
	Færder (X'mia Fjord)	29.91	51	SSE	1	r	29.94	+0.01	52	-2	NNE	2	o	2	0.05	54	50	-	-	-	*	
	Bodö	29.85	53	E	2	b	29.85	+0.02	52	+8	S	2	bc	1	-	53	41	-	-	-	*	
	Christiansund	29.78	49	-	0	o	29.89	-0.02	49	-2	NW	1	o	2	0.08	52	48	-	-	-	*	
	Skudesnaes	29.85	50	S	2	f	29.87	-0.02	53	+3	E	2	c	2	0.04	53	48	-	-	-	*	
	The Scaw (Skagen)...	29.90	53	SW	2	b	29.93	-0.00	53	+1	-	0	o	0	0.08	53	50	-	-	-	*	
	Blaavands Huk ...	29.94	52	W	2	m	29.89	-0.03	53	+1	ESE	2	r	1	0.04	55	46	-	-	-	*	
	Cuxhaven	29.99	59	E	2	o	29.84	-0.03	62	0	SSE	2	o	0	-	70	57	-	-	-	*	
	The Helder	29.91	68	E	1	c	29.83	*	60	-1	SW	3	r	1	0.16	72	57	-	-	-	*	
PORTUGAL, &c.	Brussels	29.88	69	SE	1	c	29.82	-0.00	69	0	SSE	1	bc	*	-	82	64	-	-	-	*	
	Berlin	29.98	74	NW	2	b	29.97	-0.01	69	+10	S	2	c	*	-	81	59	-	-	-	*	
	Frankfurt	29.99	72	SE	1	b	29.97	+0.03	66	+4	SW	2	o	*	-	84	59	-	-	-	*	
	Munich	30.07	62	E	3	b	30.02	-0.01	67	+5	SW	3	b	*	-	73	52	-	-	-	*	
	C. Gris Nez	29.86	74	-	0	bc	29.75	-0.00	69	0	S	4	b	2	0.04	79	61	-	-	-	*	
	La Hève	29.87	73	SSE	2	o	29.76	-0.01	66	0	WSW	1	bc	1	-	77	62	-	-	-	*	
	Brest (St. Mathieu) ...	29.81	69	-	0	c	29.71	+0.01	58	+1	SSE	2	o	2	-	72	55	-	-	-	*	
	Lorient (Beo Molen)...	29.77	63	ESE	1	bc	29.64	-0.00	61	+2	W	2	c	3	-	75	55	-	-	-	*	
	Rochefort (Ile d'Aix)...	29.84	77	SW	2	c	29.78	-0.00	768	9	S	4	c	*	-	86	64	-	-	-	*	
	Biarritz	29.82	74	SE	3	bc	29.72	+0.02	75	+11	SW	4	b	1	-	84	64	-	-	-	*	
SPAIN.	Paris	29.89	77	ESE	2	o	29.85	+0.01	69	+1	S	3	bc	0	-	82	59	-	-	-	*	
	Belfort	29.97	76	ENE	2	m	30.00	*	68	+6	-	0	m	*	-	80	61	-	-	-	*	
	Lyons	29.95	78	SSW	3	b	29.98	*	68	+2	SSE	4	b	*	-	86	64	-	-	-	*	
	Nice	30.09	68	-	0	b	30.11	+0.01	68	+5	-	0	b	1	-	73	57	-	-	-	*	
	Perpignan	30.01	63	NE	2	o	30.01	+0.01	65	-9	NE	1	bc	*	-	76	55	-	-	-	*	
	Sanguinaire	30.08	66	N	2	m																

GALES.
Duration and Extremes Force
on British Coast.

* 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. 29TH MAY.



GENERAL INFERENCE

The depression over Ireland seems likely to extend or move eastward or north-eastward over Great Britain, and an unstable condition

WEATHER PROSPECTS.

of weather is, therefore, to be expected.

FORECASTS FOR THE 24 HOURS NOON FRIDAY

TO NOON SATURDAY

- 0 {
a
b
Easterly or South-Easterly winds, light or moderate; much cloud, some rain, fog or mist locally; moderate temperature.
- 1 {
a
b
Wind mainly between South-East and South, of little force, becoming less fine generally, some rain, thunderstorms locally; temperature continuing above the normal.
- 2 {
a
b
3 {
a
b
4 {
a
b
5 {
a
b

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

NO WARNINGS ISSUED.

- 6 {
a
b
Same as Nos. 0 and 1.
- 7 {
a
b
South-Easterly to Southerly or South-Easterly winds, light or moderate; cloudy or overcast, some rain, thunder locally; moderately warm; mist or fog on coast.
- 8 {
a
b
9 {
a
b
10 {
a
b

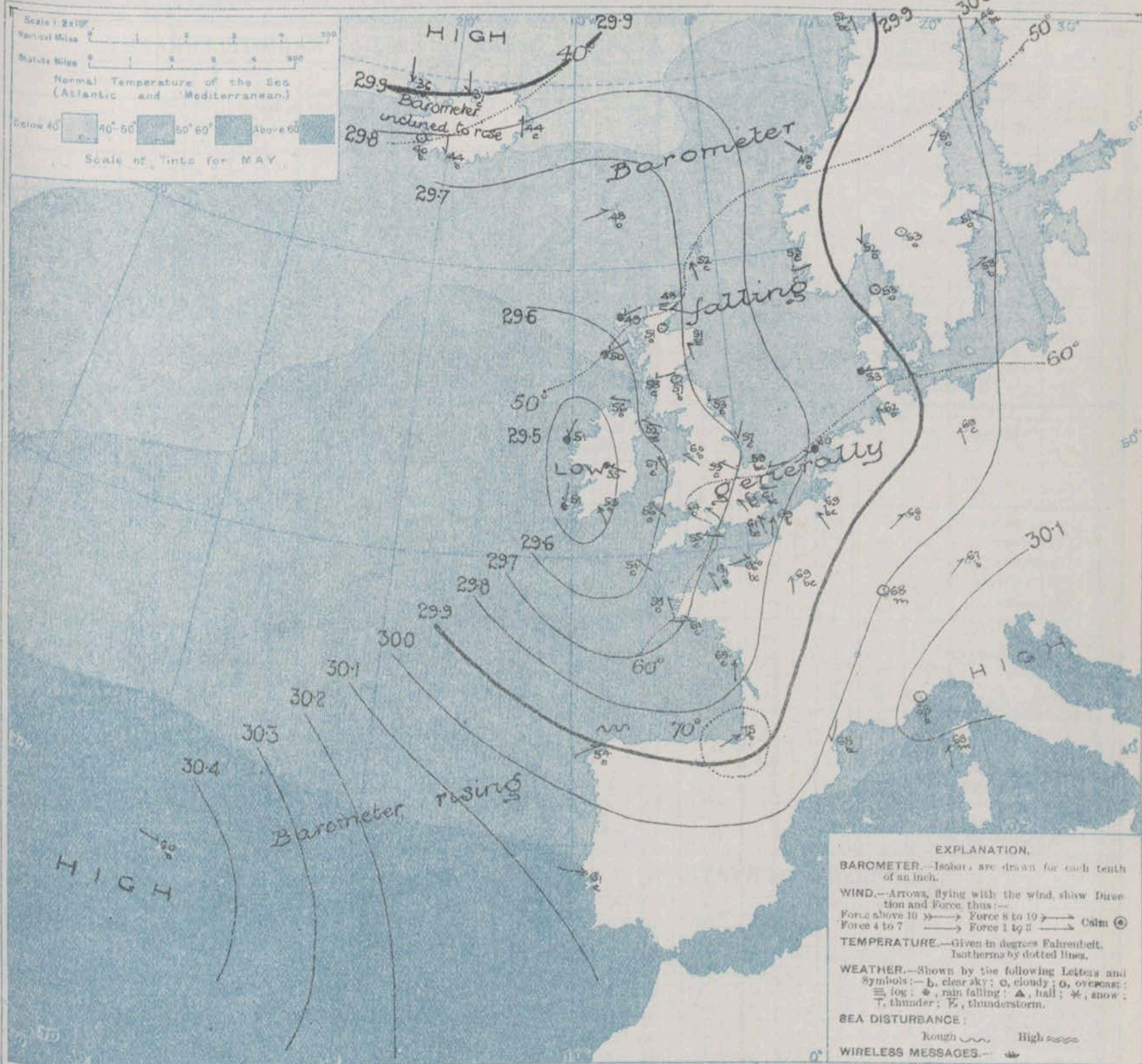
11 WESTERN CHANNEL AND BAY.

South-Easterly to Southerly winds, light or moderate; sea slight or smooth, some rain, mist or fog at times.

THE FURTHER OUTLOOK.

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

MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is below 29.5 in. in a depression centred over Ireland, 29.9 in. in the north of Iceland, and above 30.0 in. over the eastern half of the Continent and in the south of France. Over the Azores it is above 30.4 in.

To the rear of the barometric minimum the wind is Northerly on the west coast of Ireland, but over these Islands generally South-Easterly to Easterly. It is nearly everywhere very light in force. Temperature has fallen in the east and north-east of Great Britain, changed little or risen in most other regions. Over the United Kingdom it ranges from 63° or 64° at some places

in the south of England, and 60° at Liverpool to 51° along the west coast of Ireland, and to slightly below 50° in the north of Scotland. Rain is falling in several Irish districts, and also in the Hebrides, and a good deal of cloud prevails in the west and north generally. In many parts of England the weather is at present fair or fine. Mist is reported locally on the south-west coast of England, fog at Donaghadee and off the east coast of Scotland. At most of the Continental stations the weather is fair, but rain is falling in the north of Holland and on the coast of Jutland. Fog prevails at Comenius.

DAILY WEATHER REPORT.

Friday, 30th May 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
29th 6 p.m.	49	20	Franconia	O	29.94	+10	NW	4-5	bc	29th 7 a.m.	50	16	Franconia	O	29.80	-00	-	0	c
"	51	16	Adriatic	H	29.70	-03	N	1-3	b	"	50	15	Adriatic	H	29.94	-01	N	1-3	b
" 1 p.m.	51	12	Adriatic	H	?	?	ENE	1-3	o	29th 10 a.m. - Noon	46	56	See Scout "Scotia".		30.22	-07	SSW	5	1

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	0.01	54	48	o.c.	bc	0.6	England, S.E.	Margate	...	81	56	b.c.	bc	1.0
	Stonehaven	0.01	58	47	bc	b.c.	4.3		Ramsgate	...	73	55	bc	bc	1.0
	St. Andrews	0.08	64	52	b	b	0.9		Folkestone	...	71	55	bc	bc	1.0
	Carnoustie	0.01	65	50	*	*	1.0		Littlestone	...	72	55	b.c.	b.c.	1.0
	Harrogate	0.03	60	53	a	o.p.c.	0.0		Hastings	...	72	55	b.c.	b.c.	1.0
England, N.W.	Scarborough	...	64	55	a.b	o.c.	0.0	England, S.W.	Bexhill-on-Sea	...	71	56	b.c.	b.c.	1.0
	Blackpool	0.10	61	53	o.p	o.p	0.0		Eastbourne	...	75	51	f.o	e.b.	0.4
	Southport	0.11	63	54	o	o.c.	0.0		Seaford	...	68	52	e.b.c	b.c.	1.0
	Buxton	0.03	64	53	c	bc	0.6		Brighton	...	68	54	e	e.b.c	1.0
	Leamington Spa	0.02	73	56	a	o.p	2.3		Worthing	...	69	55	bc	bc	1.0
Wales.	Douglas	0.01	55	50	o.g	o.p.d	0.2	England, S.W.	Littlehampton	...	69	55	bc	bc	1.0
	Rhyl	0.12	64	55	o.p	p	0.0		Southsea	...	69	53	bc	e.b.c	1.0
	Colwyn Bay	0.09	61	52	b.c.	b.c.	0.0		Bournemouth	...	67	52	o.c	c.b.c	1.0
	Llandudno	0.09	59	53	o.p	b	0.0		Weymouth	...	66	52	c.g.c	bc	1.0
	Bettws-y-Coed	...	64	53	c	e	0.0		Teignmouth	...	57	53	c.m.p	c.b.c	0.6
England, E.	Aberystwyth	0.56	63	55	r.or	o.c	0.5	England, S.W.	Torquay	...	60	54	b	b	0.6
	Lowestoft	...	71	57	c.b.c	c	5.3		Paignton	...	58	54	o.f.o	o.p.b.c	0.6
	Felixstowe	...	67	58	c.b.c	b.c.g	5.1		Ilfracombe	...	62	55	o.f.o	o	1.0
England, E.	Walton-on-Naze	...	66	58	b.c.g	b.c.g	4.7	England, S.W.	Weston-super-Mare	...	69	54	c.o	b.c.c	1.0
	Southend-on-Sea	...	76	58	o.c	bc	4.0			...					

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.		
			Max.	Min.		Max.						Min.							
			24 HOURS ENDED 9 A.M. TO-DAY.															Max.	Min.
Greenwich (Royal Obey.) ...	56	70	81	57	48	0.37	o.c.	e.b.c.	e.b.c.	1.3.	Dublin to 4 p.m.	0.05	59	53	52	o.c.	o	o.c.p.	
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	1.6	Plymouth to 9 p.m.	0.05	60	54	52	c.b.	or	or	
Westminster (St. James's Pk.)	59	79	77	60	56	0.50	bc	r	b.c.k.r.bc	1.9	Darwen	0.12	63	52	51	b.c.	o.m.	o.m.	
Camden Sq. (Brit. Rainfall)	49	71	83	58	56	0.60	o.b.c.	c.o.	b.c.k.r.	2.5	Manchester	0.09	66	56	*	c.p.	c.p.	o.c.	
Hampstead (Reservoir) ...	*	72	76	57	54	0.58	b.c.	bc	b.c.k.r.	3.0	Birmingham	0.07	70	54	52	to	o.c.	o	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									Oxford to 8 p.m.	*	75	56	54	b.c.	o.m.	c.b.c.
			Total.		Mean Rate.		Max. Rate.												
S. Kensington (Roof of M.O.)	66	82	1320 Joules.		23 Milliwatts.		79 Milliwatts.		1.5		S. Kensington (Museum Grounds to 6 p.m.)		79	59	53	c	g.c.p.	o.c.	

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

30th & 31st May 1913.		Sunrise.	Noon.	Sunset.
Yarmouth		G.M.T. 3.40	G.M.T. 11.50	G.M.T. 8.0
Greenwich		3.39	11.50	8.1
Wick		3.52	11.57	8.2
Valencia		3.51	11.57	8.3
		3.20	12.9	8.58
		3.19	12.9	8.59
		4.32	12.38	8.44
		4.31	12.38	8.45

During yesterday temperature rose to 81° at Margate, to 79° in London, and to above 70° in most parts of England. The temperature of the night was very high over the south-eastern and eastern counties. Thunderstorms occurred in various parts of England, the largest rain measurement reported being 0.70 in. in London. At Valencia, where steady rain has fallen, the amount of rain was also 0.7 in. Bright sunshine was much less prevalent than of late, but on the south-east coast the record was moderately 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; l. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

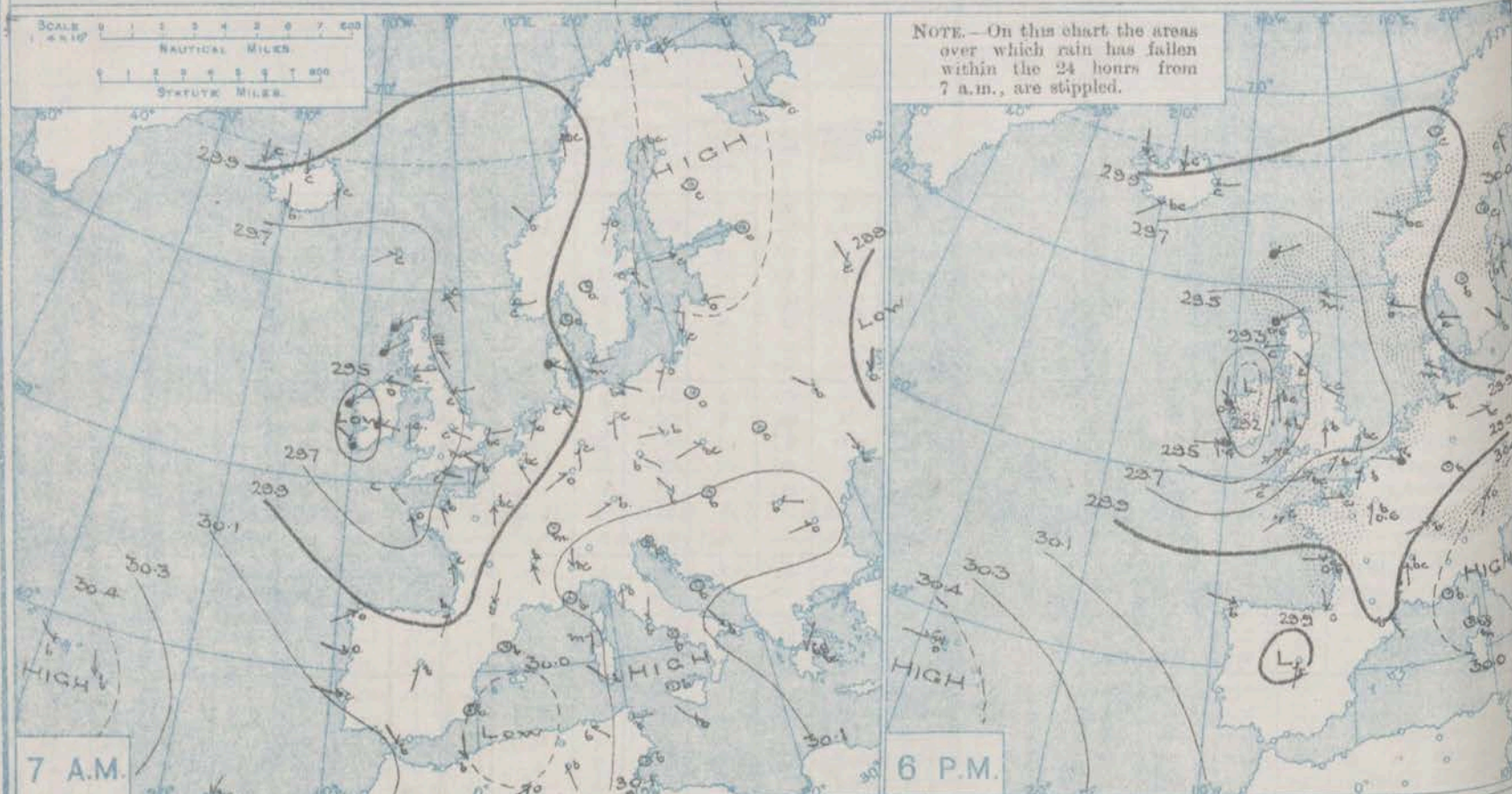
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday,
31st May, 1913.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac.	Force (0 to 12).		At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Direc.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.			
BRITISH ISLANDS.	Lerwick	In. 29.61	F. 51	ESE	5	m	In. 29.43	In. -0.03	52	0	ESE	5	b	4	0.01	F. 54	F. 48	cm	cm	f.bm	Hours 0.0		
	Stornoway	29.42	53	ENE	3	odpm	29.32	+0.05	51	+2	SW	6	o	5	0.59	57	48	odpm	odpm	sp.cmy	2.5		
	Castlebay (Barra Isd.)	29.32	54	E	4	c	29.38	+0.08	50	0	SW	5	bc	8	0.32	56	48		ro.c	bc	2.7		
	Glasgow	29.46	61	W	1	o	29.59	+0.10	47	-11	SW	5	o	8	0.02	71	46	c.bcc	op	c.bcc	2.7		
	Malin Head	29.20	61	S	7	cmq	29.48	+0.09	48	-9	SSW	5	c	5	0.05	62	47	cmq	gcm	eq.			
	Blacksod Point	29.23	50	M	2	r	29.52	+0.06	50	-1	W	3	bc	2	0.75	52	46	cmr	cmr	cm			
	Valencia	29.38	45	W	5	r	29.63	+0.05	48	-3	SSE	2	cp	4	1.07	51	44	cmr	cmr	cp.	0.0		
	Roche's Point	29.25	54	WSW	4	o	29.68		50	-3	SW	2	b	4	0.06	56	46	dom	dom	eq.b			
	Birr Castle	29.21	54	SE	6	c	29.61		49	-6	SSW	1	bc	8	0.06	63	43	or.c	cp	cb.bc	2.9		
	Donaghadee	29.41	56	S	3	bc	29.61	+0.12	47	-5	SSW	3	bc	3	0.06	61	46	cmr	cmr	cmr			
SCOTLAND.	Liverpool Obsy.	29.48	68	SSE	5	b	29.75	+0.07	52	-8	SSW	2	bc	3	0.02	74	49	b.p	bc	bc	10.4		
	Holyhead	29.43	58	S	7	bmj	29.69	+0.04	51	-6	SW	6	cmq	6	0.01	61	48	c.bcc	c.bcc	c.bcc	7.0		
	Pembroke (St. Ann's Hd.)	29.43	50	SW	9	c	29.74	+0.05	50	-6	SW	5	bcq	6	0.09	58	48	c	cm	cpo	4.1		
	Newquay	29.65	51	SSW	7	o	29.77	+0.03	53	-3	SW	3	c	4	0.14	62	47	c.bcc	bcq	cpo	6.5		
	Scilly (St. Mary's)	29.59	50	WSW	7	cmq	29.77	+0.02	49	-5	SSW	3	cp	5	0.07	59	44	cmq	cmq	cpo	5.2		
	Jersey (St. Aubin)	29.84	61	SW	3	bc	29.93		54	-7	SSW	2	c	3		72	51		bc	c	9.0		
	Portland Bill	29.76	54	WSW	6	bc	29.83	+0.02	53	-2	SW	5	b	4		62	51	bc	bc	bc.c			
	Dungeness	29.75	64	SW	4	b	29.89	+0.02	54	-7	SW	4	or	4	0.10	67	51	c.b	bc	bc.or			
	Dover	29.74	68	SW	4	b	29.91		52	-11	SW	3	o	5	0.10	73	51	b	b	b.bcc	13.5		
	IRELAND.	Wick	29.49	49	ESE	3	c	29.40	+0.04	52	+4	S	4	c	4	0.03	53	48	f	f.cm	bc.cq		
Nairn		29.43	68	SSE	1	o	29.37		55	+4	S	4	bc	3		74	49	by	z.o	q.bc	1.7		
Aberdeen		29.54	55	S	2	o	29.53	+0.05	54	+3	S	4	bc	2	0.04	60	50	fcm	m.cm	odphc	2.6		
Leith		29.47	53	NW	1	c	29.59	+0.07	52	-5	SW	5	c	8	0.08	71	51	bc.c	ctf	c.op			
North Shields		29.52	59	SE	2	c	29.68	+0.06	50	-3	SSW	3	c	2	0.08	60	48	bm	b	b	9.4		
Spurn Head		29.89	68	SSE	5	b	29.79	+0.07	53	-4	SSW	4	c	4		70	49	bc	c.b.bq	bcq	10.4		
Yarmouth		29.66	76	SSW	2	bc	29.87	+0.02	51	-8	WSW	1	r	1	0.07	77	50	bc	bc	bc.or	12.8		
Clacton-on-Sea		29.68	70	SSW	4	bc	29.87	+0.02	53	-8	SW	3	o	2	0.07	72	51	bc.b	b.b	bc.op	14.3		
Nottingham		29.60	70	S	6	b	29.79		51	-8	SSW	4	c	8		76	49	cmr	bc	bc	12.1		
Bath		29.73	57	SSW	7	b	29.83		54	-10	SW	3	b	8		72	50				9.4		
GERMANY.	London (Kew Obsy.)	29.74	68	SW	5	b	29.89	+0.02	54	-9	SW	3	c	8		76	51	cmr	bc	b.b.b	13.0		
	Spitzbergen	29.97	25	NE	2	b	30.02	+0.02	30	+1		0	o	8		30	23						
	Isafjord	29.99	36	N	7	c	29.94	-0.01	26	0	N	8	c	8									
	Reykjavik	29.78	54	N	5	b	29.79	-0.04	39	-1	E	1	b	8									
	Vestmanna	29.74	50	SW	1	bc	29.62	+0.07	43	-1		0	b	1									
	Seydisfjord	29.83	47	E	3	c	29.74	-0.04	40	-4	E	2	o	8									
	Thorshavn	29.59	46	ENE	4	r	29.26	-0.08	47	-1	NE	3	f	8									
	Haparanda	29.95	46	S	2	c	29.99	+0.00	45	-1	SW	4	c	8	0.04	52	41						
	Hernösand	29.94	51		0	c	29.92	+0.00	62	-1	S	2	b	8		63	48						
	Stockholm	29.99	51	S	2	b	30.01	+0.01	60	+9	SW	2	b	8		66	46						
SCANDINAVIA.	Wisby	30.01	53	NNW	2	b	30.01	+0.01	57	-1	N	2	b	8		59	43						
	Karlstad	29.93	59		0	b	29.96	+0.00	58	+5	SW	2	b	8		66	50						
	Færder (Xlania Fjord)	29.91	57		0	o	29.92	+0.01	58	+6	S	1	m	1		59	52						
	Bodö	29.87	47		0	c	29.89	+0.00	51	-1	E	1	b	1		52	45						
	Christiansund	29.85	55	ENE	1	bc	29.77	-0.02	58	+9	E	1	c	2	0.04	58	49						
	Skudesnaes	29.79	55	ENE	2	o	29.77	+0.00	58	+5	ESE	2	o	3	0.08	58	52						
	The Scaw (Skagen)	29.91	58	ESE	2	o	29.92	+0.01	56	+3	SE	2	b	0		59	52						
	Blaavands Huk	29.81	59	SE	2	m	29.84	+0.04	60	+7	SW	2	m	1	0.04	66	52						
	Cuxhaven	29.79	68	E	3	b	29.88	+0.02	72	+10	S	2	b	0	0.04	72	62						
	The Helder	29.72	71	SSW	2	bc	29.92	+0.06	55	-5	W	4	o	2		79	55						
FRANCE.	Brussels	29.82	64	WNW	3	blr	29.97	+0.06	50	-19	W	1	r	8	1.22	85	56						
	Berlin	29.84	74	W	2	bc	29.90	+0.02	72	+3	SW	2	b	8		86	63						
	Frankfurt	29.86	72		0	b	29.91	+0.03	69	+3		0	m	8		86	63						
	Munich	30.00	61	SW	5	o	29.96	+0.01	68	+1	SE	2	b	8	0.43	79	57						
	C. Gris Nez	29.78	62	SW	4	b	29.92	+0.01	53	-16	SW	4	o	3	0.20	77	52						
	La Hève	29.87	61	W	4	c	29.94		52	-14	SW	4	c	4	0.20	75	50						
	Brest (St. Mathieu)	29.83	54	SW	5	c	29.89	+0.01	53	-5	SSW	5	c	4	0.04	61	50						
	Lorient (Rec Molen)	29.86	56	WSW	6	o	29.92		54	-7	SSW	4	c	4		72	50						
	Rochefort (Ile d' Aix)	29.97	59	WNW	4	o	30.02	+0.02	53	-?	SSE	4	o	8	0.55	77	52						
	Biarritz	29.98	58	NNW	4	o	30.06	+0.02	50	-2.5	ESE	1	c	5	0.32	73	48						
SPAIN.	Paris	29.81	78	SW	2	bc	29.99	+0.03	52	-17	W	1	o	8	0.55	86	50						
	Belfort																						

GALES.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 30th MAY.



GENERAL INFERENCE

The depression in the north is passing away, and its influence will be felt only in the extreme north and north-west of our islands. It is probable that a

WEATHER PROSPECTS.

fresh fall of the barometer will affect the west of Ireland before the end of the twenty-four hours.

FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

0 { ^a Strong South Westery winds; fair intervals, but rain at times; moderate temperature. _b

1 { Moderate to fresh Southerly to Westery winds; mostly fair, some showers; moderate temperature. _b

2 { Moderate South Westery to Westery winds, fresh at times; fair generally, some local showers; moderate temperature, warmer tomorrow _b

3 { _b

4 { ^a local showers; moderate temperature, warmer tomorrow _b

5

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

SOUTH CONE FLYING
in Dist. 0, Hoisted at 7.12pm y'day
SOUTH CONE HOISTED
Districts 7, 8, 9, 10 at 2.10pm y'day
Lowered at 8.52am to day

6 { ^a _b

Same as No. 1.

7 { ^a _b

8 { ^a _b

Moderate or fresh South Westery winds, mostly fair, some showers, rather cool, temperature rising later.

9 { ^a _b

Light breezes, freshening later from South; mostly fair to day, some rain tonight or tomorrow; moderate temperature

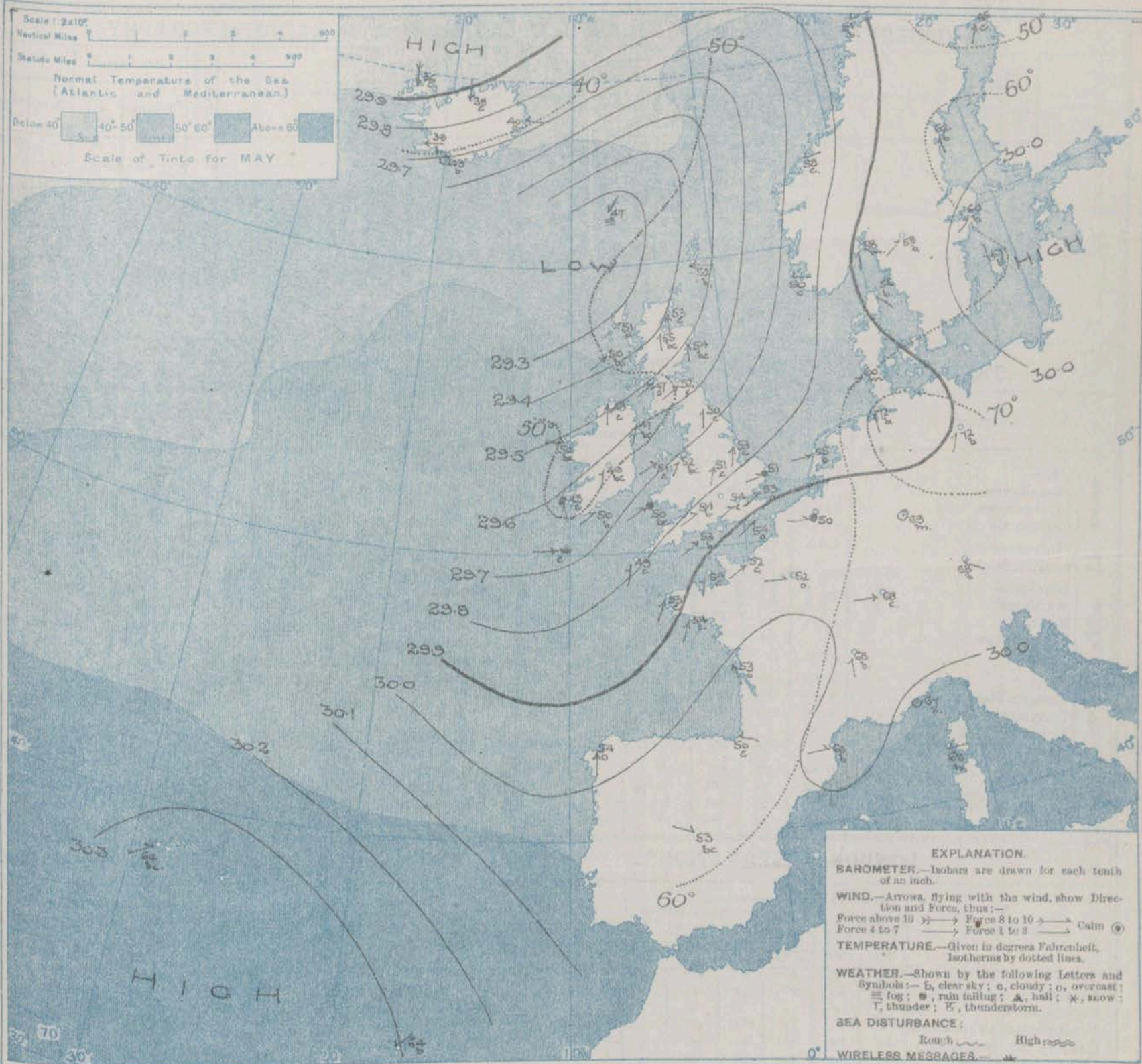
10 { ^a _b

11 WESTERN CHANNEL AND BAY.

Moderate or fresh Southerly or South Westery winds; moderate sea; fair, some showers; moderate temperature.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. SATURDAY, 31st MAY 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression shown yesterday morning over Ireland has moved northward during the night. It is now centred between Ierland and the Hebrides. The highest pressures are shown over the south of France and the extreme east of Sweden, while the barometer is but slightly lower, in the north-west of Iceland.

The wind is generally South Westerly. Gales from South and South-West were experienced yesterday afternoon and evening in the mouth of the Channel and over the Irish Sea, and the wind still blows strongly in the Hebrides as

well as at exposed stations further south. The morning temperatures range from 47° at Donaghadee and Glasgow to 55° at Odum; in the south east of the country the values are considerably lower than yesterday. The weather is mostly fair, but showers are reported from many places. The sea is rather rough in the Channel and the Irish Sea, moderate to slight in the North Sea.

DAILY WEATHER REPORT.

Saturday, 31st May 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
31st 7 a.m.	50	12	Ausonia	0	29.62	+0.2	W	4-5	c										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban ...	0.07	69	49	cb	bc.c	1.4	England, S.E.	Margate ...	0.21	60	58	bc	bc	12.5
	Stonehaven ...	-	64	49	f	bcg	1.4		Ramsgate ...	0.16	75	58	bc	bc	12.3
	St. Andrews ...	0.25	65	50	o	bc.c	6.5		Folkestone ...	0.02	72	60	bc	bc	13.0
	Carnoustie ...	0.10	58	49	*	bc	4.8		Littlestone ...	-	71	59	bc	bc	13.0
England, N.W.	Harrogate ...	0.02	74	55	bc.c	bc.c	5.7	England, S.W.	Hastings ...	0.13	71	59	bc	bc	13.0
	Scarborough ...	-	63	50	bc	bc	9.6		Bexhill-on-Sea ...	-	71	60	bc	bc	12.0
	Blackpool ...	-	75	52	bc.c	bc.c	9.3		Eastbourne ...	0.03	71	58	bc	bc	13.0
	Southport ...	-	75	52	bc.c	bc.c	9.3		Seaford ...	0.12	70	57	bc	bc	12.6
Wales.	Buxton ...	0.01	72	55	bc	bc	9.6	England, S.W.	Brighton ...	0.26	67	58	bc	bc	12.8
	Leamington Spa ...	-	76	55	c	c	10.1		Worthing ...	0.77	67	58	bc	bc	11.6
	Douglas ...	0.03	61	52	f.c.d	bc.c	4.5		Littlehampton ...	0.57	71	57	bc	bc	10.5
	Rhyl ...	0.03	74	50	bc	bc	8.5		Southsea ...	0.72	70	56	bc	bc	7.4
England, E.	Colwyn Bay ...	0.03	74	51	bc	bc	6.0	England, S.W.	Bournemouth ...	0.36	68	53	bc	bc	8.0
	Llandudno ...	0.03	74	52	bc	bc	5.0		Weymouth ...	0.03	68	55	bc	bc	6.0
	Bettws-y-Coed ...	-	73	53	bc	bc	5.7		Teignmouth ...	-	67	53	bc	bc	7.0
	Aberystwyth ...	-	73	53	bc	bc	5.7		Torquay ...	-	65	53	bc	bc	8.1
England, E.	Lowestoft ...	0.16	75	57	bc	bc	11.9	England, S.W.	Paignton ...	-	66	51	bc	bc	3.4
	Felixstowe ...	0.19	74	59	bc	bc	12.6		Ilfracombe ...	-	69	55	bc	bc	6.5
	Walton-on-Naze ...	0.27	71	59	bc	bc	12.7		Weston-super-Mare ...	-	72	55	bc	bc	
	Southend-on-Sea ...	0.14	77	59	bc	bc	13.5								

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain- fall.	WEATHER.			Sun- shine for Yester- day.	STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
	%	%	Max.	Min.		24 HOURS ENDED 9 A.M. TO-DAY.						Max.	Min.				
Greenwich (Royal Obs.) ...	55	63	80	50	4.2	-	bc	bc	15.1	Dublin to 4 p.m.	0.03	64	54	bc	bc	bc	5.3
City (Bunhill Row) ...	-	-	-	-	-	-	bc	bc	10.8	Plymouth to 9 p.m.	-	62	50	bc	bc	bc	10.4
Westminster (St. James's Pk.)	68	81	77	53	4.9	-	bc	bc	12.1	Darwen "	0.27	73	53	bc	bc	bc	12.0
Camden Sq. (Brit. Rainfall)	50	60	80	51	4.8	-	bc	bc	10.3	Manchester "	-	74	52	bc	bc	bc	
Hampstead (Reservoir) ...	-	69	78	49	4.6	-	bc	bc	11.5	Birmingham "	-	75	54	bc	bc	bc	
Kew. (See front page.)	-	-	-	-	-	-	-	-	-	Oxford to 8 p.m.	-	-	-	bc	bc	bc	
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.										S. Kensington (Museum Grounds to 6 p.m.)							
Total.			Mean Rate.		Max. Rate.					0.62		78	59	53	bc	bc	
S. Kensington (Roof of M.O.)			51	58	22.68 Joules.	39.0 Milliunits.	80.0 Milliunits.	11.8									

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

31st May, 1st June 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 3.30 3.38	G.M.T. 11.50 11.51	G.M.T. 8.1 8.4
Greenwich ...	3.51 3.51	11.57 11.58	8.3 8.5
Wick ...	3.19 3.17	12.9 12.10	8.59 9.2
Valencia ...	4.21 4.29	12.28 12.29	8.45 8.48

NOTES ON YESTERDAY'S WEATHER.

The weather was fine over the south-eastern part of the country where more than 12 hours of bright sunshine were experienced very generally. At Nottingham the temperature rose to 78°. In the north and west conditions were unsettled; thunderstorms were experienced in the north-east. Heavy rain fell in the south-west of Ireland, 1.37 in. being measured at Valencia. S.W. gales were experienced on the west coast of England.

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.

MAY, 1913.

ADDITIONS AND CORRECTIONS TO THE

1.—REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.				
		BAROM.		TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Weather.	Sea (0 to 9).	Rain-fall.	TEMP.		GALES. Duration and Extreme Force on British Coasts.		
		At 52° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).	At 52° Fahr. and M.S.L. Lat. 45°.		Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Max.				Min.				
		In.					In.	In.								In.					
1st	Bolden	29.84	55	H	2	bc	29.79	+0.1	50	-11	H	3	o	2	0.12	68	50	7th. Linnick. 1pm-7am. Extreme SSE 9.			
"	Lorient	29.97	52	W	4	bc	29.99	.	49	0	SW	3	bc	3	0.16	59	42	" Wick. 8am-7am. Extreme SSE 8.			
2nd	Karlstad	29.88	65	E	2	b	29.94	.00	50	-5	.	0	c	.	.	73	50	" Aberdeen. 3am. Squalls SSE 45 mph (8)			
3rd	Bourne	30.17	54	NW	2	c	30.02	.00	52	-1	SSW	3	o	3	.	59	48				
5th	Vestmanna	.	.	.	.	.	29.41	-0.4	43	0	SE	2	o	2	.	.	.	
8th	Gibraltar	29.86	64	SE	1	b	29.90	.	65	.	W	2	o	2	.	80	56				
10th	Gibraltar	30.01	63	W	2	o	30.02	.	61	+1	W	2	o	1	.	73	60				
11th	Haparanda	30.04	41	WSW	2	b	30.01	-0.1	44	-2	H	2	o	.	.	50	34				
"	Helsingfors	30.14	45	.	0	bc	30.07	-0.2	52	+6	.	0	b	.	.	55	36				
"	Stockholm	30.15	46	SSE	2	o	30.08	-0.2	55	+5	NNE	2	b	.	.	59	41				
"	Wesby	30.00	46	NE	2	c	30.04	-0.2	46	-7	NNE	2	b	.	.	55	37				
"	Karlstad	30.13	50	.	0	bc	30.07	-0.7	49	+2	W	2	b	.	.	61	36				
14th	Funchal	30.15	64	NNE	5	b	30.10	.00	65	-1	NNE	5	o	5	.	68	52				
15th	Gibraltar	29.81	57	NW	2	b	29.75	.	56	.	W	2	b	1	.	70	52				
16th	Lisbon	29.76	56	WNW	3	bc	29.73	+0.3	55	-1	WNW	4	r	5	0.35	66	54				
17th	Lorient	29.75	58	NE	5	o	29.76	.	51	-3	NE	4	o	3	.	59	48				
"	Funchal	29.98	65	NW	3	c	29.95	+1.2	62	-1	NW	3	r	3	.	66	50				
19th	The Elder	29.74	47	W	5	c	29.84	+0.4	48	-2	WSW	5	c	3	.	52	43				
21st	Funchal	30.19	64	H	3	o	30.23	.	64	+1	H	3	bc	3	.	64	50				
23rd	Lisbon	30.23	64	WNW	3	b	30.19	+0.1	70	+8	H	2	b	5	.	75	64				
"	Gibraltar	30.25	64	E	6	b	30.21	.	61	+4	E	2	b	1	.	76	57				
24th	Gibraltar	30.15	64	E	2	b	30.12	.	62	+1	SE	2	b	1	.	74	60				
26th	Gibraltar	30.24	67	E	3	b	30.15	.	65	.	E	5	b	2	.	75	65				
27th	Lisbon	30.04	76	SW	3	b	30.17	+1.0	70	-2	SE	3	r	2	.	90	66				
"	Gibraltar	30.19	63	W	4	b	30.21	.	63	-2	W	4	b	2	.	72	61				
28th	Lisbon	30.14	71	NE	0	o	30.14	+0.2	69	-1	SSW	1	o	2	0.08	75	68				
"	Funchal	30.06	66	W	1	b	30.04	+0.2	67	-1	W	1	c	.	.	70	54				
30th	Gibraltar	30.04	65	WNW	4	b	30.04	.	62	-5	NW	3	b	3	.	82	61				
27th	Vestmanna	.	.	.	.	.	30.04	.00	46	+1	.	0	bc	0	.	.	.	

E

REPORTS FOR MAY, 1913.

2.—CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.	
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.					
				At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.		Direc.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.				Direc.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 5 p.m.		Night. 5 p.m. to 7 a.m.
1st	Glasgow	In.					In.	In.	*	*						In.							
2nd	Glasgow							+03									51						
3rd	Glasgow											0											
4th	Holyhead	29.78	49											5			30						
5th	Wick																45						
6th	Wick						29.72							4			45						
7th	Wick																						
8th	Wick	29.55																					
9th	Wick																						
10th	Wick																						
11th	Wick																						
12th	Wick																						
13th	Wick																						
14th	Wick																						
15th	Wick																						
16th	Wick																						
17th	Wick																						
18th	Wick																						
19th	Wick																						
20th	Wick																						
21st	Wick																						
22nd	Wick																						
23rd	Wick																						
24th	Wick																						
25th	Wick																						
26th	Wick																						
27th	Wick																						
28th	Wick																						
29th	Wick																						
30th	Wick																						
31st	Wick																						

WIRELESS TELEGRAMS.

ADDITIONS AND CORRECTIONS—MAY, 1913.

DATE OF REPORT.	DATE AND HOUR OF OBSERVATION.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETRE.		WIND.		WEATHER.	DATE OF REPORT.	DATE AND HOUR OF OBSERVATION.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETRE.		WIND.		WEATHER.
		Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.				Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
						In.	In.		(0-12).								In.	In.		(0-12).	
ADDITIONS.											CORRECTIONS.										
4th	3rd, b.p.m.	49	11	Manitou	O	29.90	+04	WMW	6-7	0	2nd	1st, 1 p.m.			Royal Edward						bchj
5th	4th, 7 a.m.	49	15	— do —	O	30.08	+03	WMW	6-7	0	3rd	2nd, b.p.m.	51	22	Virginian						
24th	23rd, 7 a.m.	51	29	Caledonia	H	29.84	+02	SW	4-5	6	4th	3rd, 7 a.m.	51	16	— do —						
														23	Columbia						
														51	11	Virginian					
											5th	4th, 1 p.m.	55	10	Columbia		29.73	-01			
																Manitoba		30.08			
											7th	6th, 7 a.m.	54	15	Megantic						
											8th	7th, b.p.m.			Empress of Ireland						bc
											11th	10th, b.p.m.			Adriatic				4-5		
											14th	13th, b.p.m.			Finland				5		tm
											16th	15th, 7 a.m.	50	18	Olympic	O	?	-01	NE	4-5	0
											17th	" 1 p.m.			Gellie		30.06				
											"	17th, 7 a.m.			— do —		30.02				
											18th	"			Olympic		30.24	-05			
											"	" b.p.m.			Empress of Ireland		29.88				
											"	18th, 7 a.m.			Camaronia						c
											20th	19th, "		10	Lake Manitoba						c
											"	" b.p.m.		12	— do —						or
											"	"			Mesaba						0
											24th	23rd, 7 a.m.			Ultoria						oy
											"	24th, "			— do —						0
											26th	25th, "			Royal Edward						cp
											27th	26th, "			— do —						
											"	" b.p.m.			— do —						c
											29th	28th, 7 a.m.			Adriatic		29.92				
											"	28th, b.p.m.	?	?	Olympic						
											30th	29th, 7 a.m.			Adriatic		29.94				0
											"	" 1 p.m.			— do —		29.80	'00			
											"	" b.p.m.			— do —						0

BRITISH ISLANDS.

IRELAND, FAEROE, &c.

SCANDINAVIA.

GERMANY, &c.

FRANCE.

SPAIN, PORTUGAL, &c.