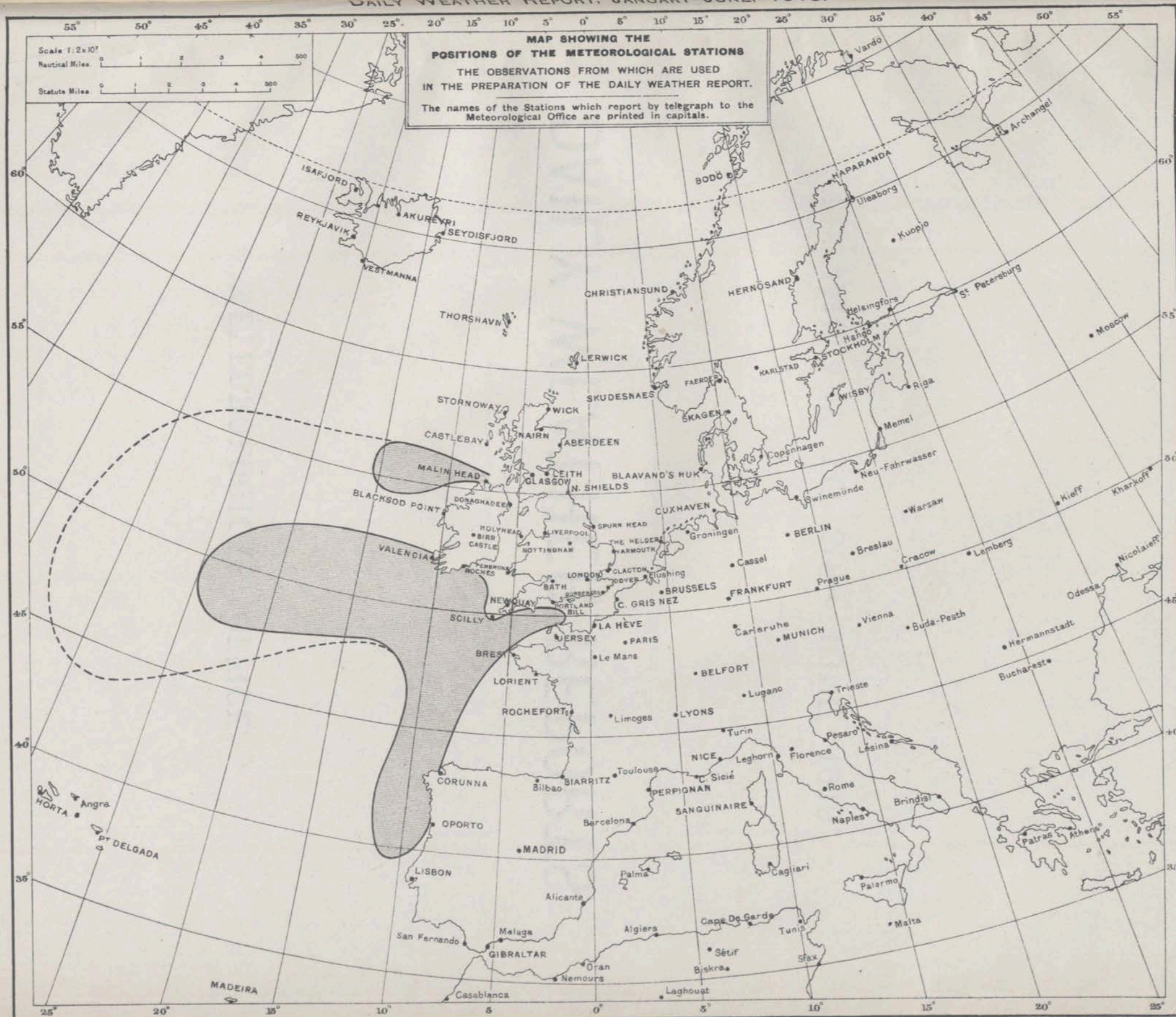


METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY TO 30TH JUNE 1913.

DAILY WEATHER REPORT, JANUARY-JUNE, 1910.



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

DAILY WEATHER REPORT. APPENDIX I.

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

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 Maxi- mum.	Daily Mini- mum.	Maximum.		Minimum.					
						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	% —
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	[37]44	[3.39]44	[36]44	[16]44
Malin Head.....	29.878	41.8	40.9	44.5	37.5	[56]44	[1898]44	[23]44	[1894]44	[32]44	[2.74]44	—	—
Blackod Point.....	29.961	44.6	42.7	46.5	38.8	[56]44	[1890]44	[26]44	[1891, 94]44	[26]44	[5.15]44	—	—
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	1899	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	16	2.20	—	—
Dungeness.....	30.081	39.2	37.9	43.5	34.6	55	1878, 98	11	1893	16	[1.82]44	—	—
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]44	[1898]*	[13]*	[1881]*	15	1.20	—	—
Yarmouth.....	30.042	37.3	36.1	41.5	33.4	57	1899	10	1881	17	1.59	[79]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	1	1881	15	1.79	51	20
LONDON { Westminster	30.092	38.5	37.1	[44.6]*	[34.0]*	[56]44	[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	—	—
Stornoway.....	29.690	38.5	37.5	43.8	34.0	55	1891	12	1892	22	4.28	60	23
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	[3.33]44	[51]44	[29]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	46.6	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	33.1	57	1878	12	1895	16	1.76	[88]44	[32]44
Holyhead.....	29.890	41.3	40.1	45.3	38.0	56	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]44	—	—
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	33.4	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]44	[1909, 10]44	[23]44	[1909]44	[15]44	[1.28]44	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	[1900]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												

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	In. 29°844	39°8	38°2	45°9	36°9	60	1901	21	1899	19	In. 2°02	—	—
Stornoway	29°865	40°6	39°2	49°1	37°2	67	1893	20	1881	18	2°77	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°955	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°967	44°2	43°1	52°9	42°2	72	1893	29	1908	16*	3°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°00	[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, 93, 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°05	—	—
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	[39°6]44	[65]44	[1909]44	[29]44	[1908]44	[16]44	[1°04]44	[200]44	[40]44
Wick	29°859	40°3	38°5	49°1	36°7	69	1900	20	1905	18	1°06	—	—
Nairn	29°872	39°7	37°5	51°4	38°0	71	1900	18	1908	18	1°45	[144]**	[34]**
Aberdeen	29°890	41°3	39°6	49°5	37°6	74	1900	22	1908	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°01	[200]44	[50]44
Clacton-on-Sea	29°936	43°4	41°5	50°7	40°1	[69]44	[1907, 09]44	[29]44	[1903]44	12	1°50	[185]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°6	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°2]44	[72]44	[1907]44	[29]44	[1910]44	[10]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°01	—	—
Stornoway	29°893	46°4	44°5	53°3	41°2	75	1908	26	1906	19	2°03	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°888	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	58°8	45°6	74	1895	37	1894, 03, 07, 09	14	1°97	—	—
Pembroke (St. Ann's Hd.)	29°926	48°5	47°3	56°0	45°9	72	1890, 1910	34	1879	14	1°94	219	46
Selly (St. Mary's)	30°054	50°2	48°6	58°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°944]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	1888	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	69	1891	33	1888	15	1°71	—	—
Stornoway	29°951	51°0	48°6	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	[57°2]44	[46°1]44	[71]44	[1908, 10]44	[44]44	[1908, 10]44	[14]44	[1°04]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	29°987	54°1	52°4	61°9	52°1	[78]44	[1903]44	[43]44	[1903]44	10	1°51	—	—
Dunegness	29°987	55°3	53°1										

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

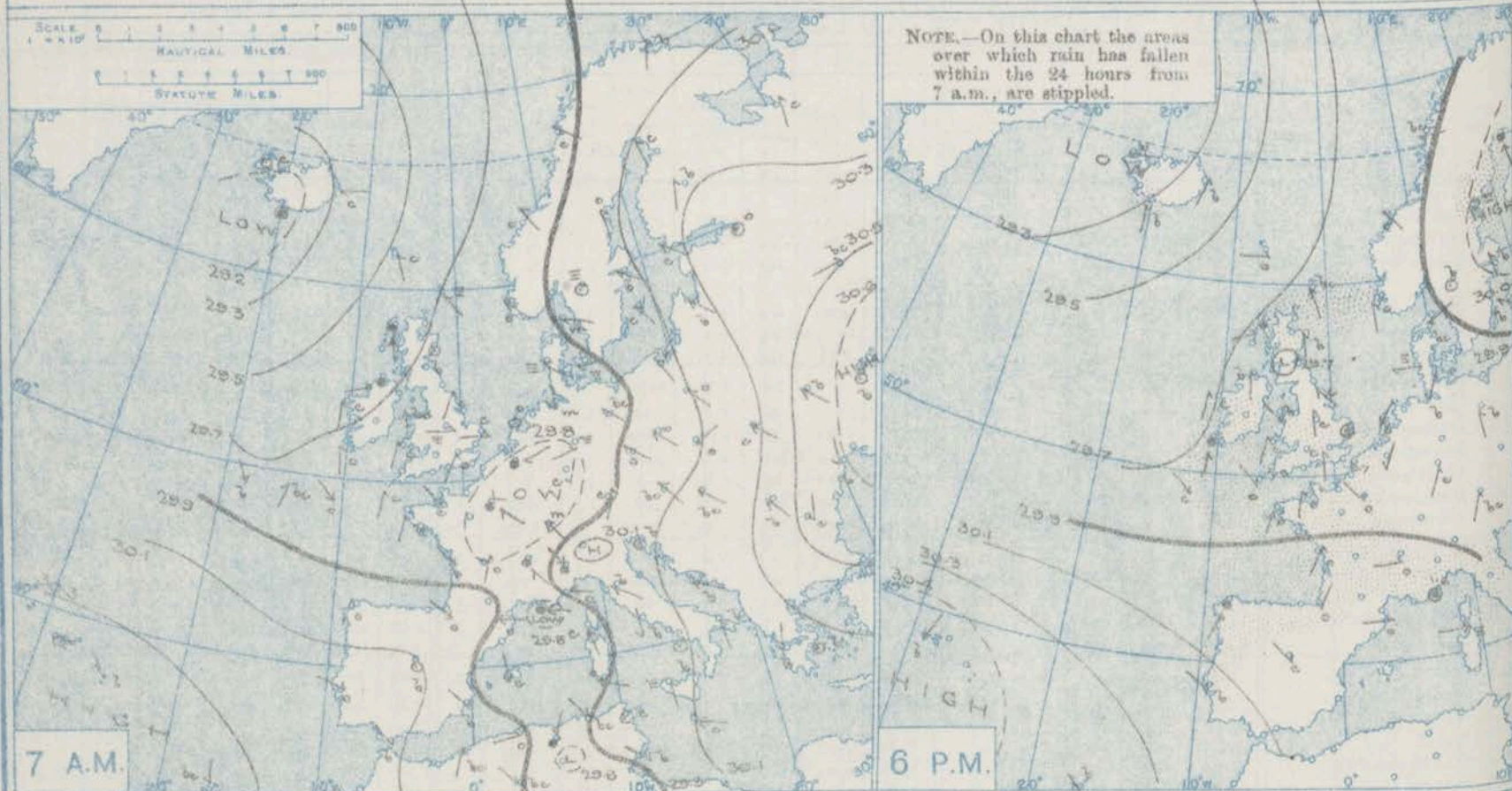
Tuesday
April 1st 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.		Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).	Weather.	Max.			Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.					
Spitzbergen...	29.79	26	NW	2	0	29.78	+0.3	22	-6	-	0	S	2	?	28	18	2	4	4	4	4			
Lerwick ...	29.72	45	SSE	3	bc	29.74	+0.1	40	-3	ENE	1	f	2	Trace	45	38	om	bcn	com	com	Hours			
Stornoway ...	29.71	45	WSW	3	bc	29.77	-0.1	30	-15	W	1	b	1	0.06	48	28	adp.c	bc	bc	bc	2.1			
Castlebay (Barra Isd.) ...	29.72	45	SW	2	bc	29.72	0.0	42	-1	ESE	2	b	3	-	46	38	pale	bc	bc	bc	7.6			
Malin Head...	29.75	45	S	1	b	29.72	+0.1	40	-1	S	3	bcn	1	-	48	37	bc	bc	bc	bc	*			
Blacksod Point ...	29.74	47	SSW	2	c	29.75	+0.3	39	-2	SW	2	c	3	0.16	48	37	cm	cm	cm	cm	*			
Valencia ...	29.72	41	SSW	3	of	29.87	+0.3	42	+1	W	3	bc	4	0.24	51	39	bc	bc	bc	bc	5.6			
Roche's Point ...	29.75	48	S	3	bc	29.91	-	39	-3	WNW	3	b	3	0.02	50	38	bc	bc	cp.b	cp.b	*			
Birr Castle ...	29.72	43	SW	1	o	29.79	-	35	-5	W	2	bc	2	0.12	52	35	c	cp	bc	bc	4.9			
Donaghadee ...	29.74	45	NW	1	cv	29.74	+0.1	33	-10	WSW	1	bc	1	0.09	46	33	cp	cp	bc	bc	*			
Liverpool Obsy. ...	29.76	43	WSW	2	r	29.75	0.0	40	+3	WNW	2	r	1	0.14	54	37	b	cp.o	of	of	5.4			
Holyhead ...	29.74	45	NW	2	b	29.75	0.0	39	-6	-	0	f	0	-	50	39	omp	bc	bc	bc	1.4			
Pembroke (St. Ann's Hd.) ...	29.75	45	SW	2	c	29.78	+0.1	41	-5	W	1	cp	1	0.12	49	40	c	bc	c	c	2.1			
Newquay ...	29.76	43	W	1	r	29.81	+0.4	44	0	NW	7	cp	5	0.57	52	38	bc	bc	bc	bc	2.2			
Scilly (St. Mary's) ...	29.77	48	NW	2	c	29.86	+0.6	44	-4	NW	6	cp	5	0.15	50	40	o	od	bc	bc	0.7			
Jersey (St. Aubin) ...	29.84	50	SSW	3	o	29.84	-	45	-1	WSW	4	op	3	0.04	57	44	bc	bc	bc	bc	7.4			
Portland Bill ...	29.81	48	SW	3	bc	29.78	+0.3	44	0	W	3	bc	3	-	51	44	bc	bc	bc	bc	*			
Dungeness ...	29.80	47	NW	2	or	29.76	+0.1	47	+2	SSW	4	c	3	0.47	49	44	ot	ot	bc	bc	*			
Dover ...	29.81	44	NW	3	o	29.79	-	45	0	SW	4	o	5	0.39	47	42	op	op	bc	bc	0.0			
Wick ...	29.70	43	NW	3	c	29.73	-0.1	39	-3	NNW	2	c	3	0.28	51	39	bc	bc	bc	bc	*			
Nairn ...	29.71	43	-	0	o	29.74	-	38	0	-	0	o	1	0.24	53	37	bc	bc	bc	bc	0.7			
Aberdeen ...	29.73	46	S	2	b	29.72	+0.1	39	+3	WNW	3	o	2	Trace	52	35	b	b	bc	bc	9.7			
Leith ...	29.70	48	SW	2	o	29.70	+0.1	40	-3	WSW	2	bc	2	-	55	34	bc	bc	bc	bc	*			
North Shields ...	29.78	48	SE	1	cp	29.73	+0.1	41	+2	W	1	c	2	-	53	37	c	c	c	c	5.9			
Spurn Head ...	29.76	45	S	4	c	29.72	0.0	42	+1	SSW	2	bcn	3	Trace	46	39	om	cm	bc	bc	0.0			
Yarmouth ...	29.79	48	-	0	r	29.78	0.0	41	-4	SW	1	bc	1	0.48	47	40	c	om	om	om	0.0			
Clacton-on-Sea ...	29.80	45	E	1	c	29.78	0.0	45	-1	SSE	2	c	2	0.20	48	43	op	op	op	op	0.0			
Nottingham ...	29.77	50	S	2	c	29.73	-	40	+5	E	1	opm	1	0.01	54	34	f	f	bc	bc	2.0			
Bath ...	29.79	51	SW	2	o	29.78	-	42	+3	W	1	b	1	0.08	57	39	-	-	-	-	5.9			
London (Kew Obsy.) ...	29.80	50	S	2	cm	29.75	0.0	45	+4	S	2	omr	2	0.01	52	39	om	om	om	om	0.0			
Isafjord ...	29.25	36	E	2	o	29.46	+0.4	33	0	-	0	b	-	-	-	-	-	-	-	-	-			
Reykjavik ...	29.24	43	E	1	b	29.40	+0.4	33	-1	E	2	s	-	-	-	-	-	-	-	-	-			
Vestmanna ...	29.34	41	S	2	b	29.44	+0.2	36	+2	SSE	3	bc	4	-	-	-	-	-	-	-	-			
Seydisfjord ...	29.38	33	SW	3	b	29.53	+0.3	32	-9	-	0	b	-	-	-	-	-	-	-	-	-			
Thorshavn ...	29.57	42	W	3	o	29.72	+0.2	36	-7	-	0	bc	-	-	-	-	-	-	-	-	-			
Haparanda ...	30.02	32	S	4	r	29.99	0.0	33	+12	-	0	o	-	0.08	34	19	-	-	-	-	-			
Hernösand ...	30.05	33	-	0	f	30.01	0.0	33	-5	-	0	o	-	Trace	38	32	-	-	-	-	-			
Stockholm ...	30.00	37	S	2	b	29.91	-0.1	41	+1	E	2	c	-	-	52	34	-	-	-	-	-			
Wisby ...	29.96	41	SE	2	b	29.86	-0.2	43	+3	SE	2	b	-	-	50	32	-	-	-	-	-			
Karlstad ...	29.93	41	-	0	b	29.86	0.0	38	+2	-	0	o	-	-	48	34	-	-	-	-	-			
Färder (Klarna Fjord) ...	29.90	39	NNE	4	r	29.82	+0.1	40	+1	NE	1	m	1	-	40	37	-	-	-	-	-			
Bodö ...	29.89	41	E	1	bc	29.92	+0.1	40	0	ESE	2	b	1	-	46	37	-	-	-	-	-			
Christiansund ...	29.87	46	SE	1	o	29.84	-0.1	43	-5	NE	1	o	2	-	48	41	-	-	-	-	-			
Skudesnaes ...	29.84	42	S	2	o	29.71	-0.4	43	-1	E	2	r	2	0.12	46	41	-	-	-	-	-			
The Scaw (Skagen) ...	29.84	43	ENE	3	bc	29.76	-0.1	41	-2	ENE	2	r	0	-	45	41	-	-	-	-	-			
Blaavands Huk ...	29.77	47	ESE	1	f	29.71	+0.1	43	-2	SW	1	r	1	-	57	43	-	-	-	-	-			
Cuxhaven ...	29.73	57	NE	2	b	29.77	+0.2	50	+3	SW	3	bc	-	-	59	43	-	-	-	-	-			
The Helder ...	29.75	46	NE	4	o	29.82	+0.7	45	-1	SW	3	c	1	0.12	48	45	-	-	-	-	-			
Brussels ...	29.73	51	NNE	1	?	29.88	+0.1	44	-3	SSE	1	o	-	0.20	55	41	-	-	-	-	-			
Berlin ...	29.77	60	S	2	b	29.84	+0.4	51	-1	S	2	b	-	-	73	46	-	-	-	-	-			
Frankfurt ...	29.80	59	SW	1	c	29.92	+0.4	49	0	W	2	o	-	-	73	48	-	-	-	-	-			
Munich ...	29.82	58	SW	2	bc	29.93	+0.1	50	-4	W	2	o	-	-	70	48	-	-	-	-	-			
C. Gris Nez ...	29.81	45	NNW	5	r	29.80	0.0	43	-3	SSE	4	bc	2	0.71	48	41	-	-	-	-	-			
La Hève ...	29.85	46	NW	1	o	29.84	-	44	-1	W	4	r	4	0.16	52	43	-	-	-	-	-			
Brest (St. Mathieu) ...	29.84	50	SW	4	c	29.93	+0.1	43	-5	NNW	5	o	4	0.16	54	41	-	-	-	-	-			
Lorient (Bec Meien) ...	29.84	48	SW	4	o	29.90	-	45	-3	W	4	c	5	0.12	57	43	-	-	-	-	-			
Rochefort (Ile d'Aix) ...	29.96	52	SW	3	o	30.02	+0.5	47	-1	NNW	4	o	-	0.12	54	46	-	-	-	-	-			
Biarritz ...	30.04	51	NE	2	o	30.17	+0.5	50	-2	NNW	5	o	5	0.12	55	45	-	-	-	-	-			
Paris ...	29.84	47	W	3	r	29.90	-0.1	44	-7	SSE	2	o	-	0.12	57	40	-	-	-	-	-			
Belfort ...	29.96	49	W	3	o	30.08	-	43	-7	-	0	o	-	0.20	54	40	-	-	-	-	-			
Lyons ...	29.93	50	-	0	r	29.93	+0.1	50	-4	-	0	f	3											

* 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. 31ST MARCH



GENERAL INFERENCE

WEATHER PROSPECTS.

There are some indications that a rise of the barometer will extend over these Islands from the south-westward, but local

irregularities in pressure will maintain the weather in a generally unsettled condition for the present.

FORECASTS FOR THE 24 HOURS NOON

Tuesday

TO NOON Wednesday.

- 0 {
a
b
- 1 {
a
b
- 2 {
a
b
- 3 {
a
b
- 4 {
a
b
- 5 {
a
b
- Light winds varying in direction; changeable, some showers, fine periods, mist locally; temperature rather low.
- Wind variable, then between west and north-west, light to moderate; changeable, some showers to finer; moderate temperature.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

Same as Nos. 0 and 1.

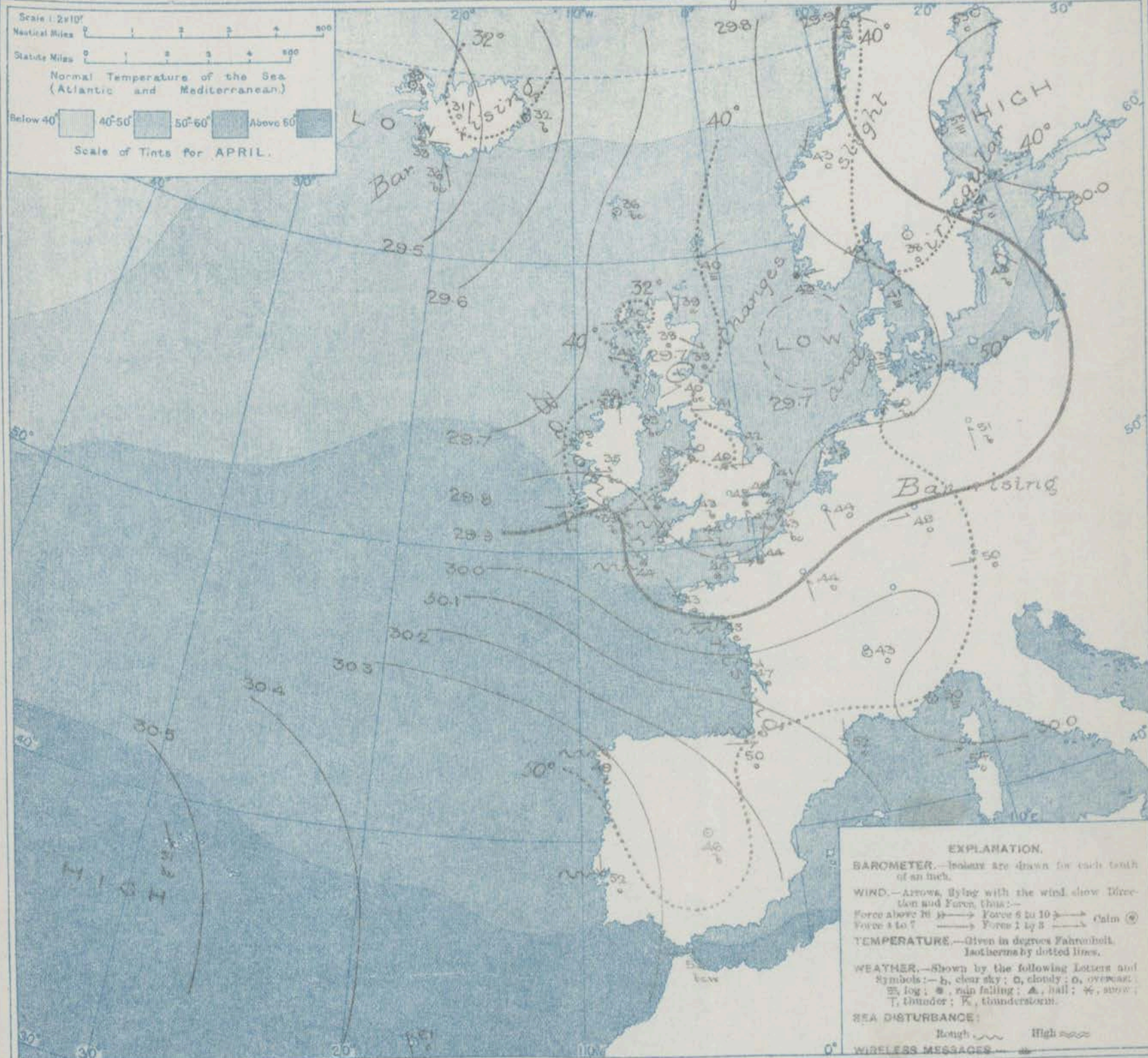
- 6 {
a
b
- 7 {
a
b
- 8 {
a
b
- 9 {
a
b
- 10 {
a
b
- Wind mainly between West and North, light or moderate, fresh or strong locally; changeable, some showers, but mostly fair; moderate temperature.

11 WESTERN CHANNEL AND BAY.

North-Westerly and Westerly winds; moderate or strong; sea moderate to rather rough; some showers, then fair.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. *Tuesday*, 1st APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.5 in. at the Azores, and above 30.1 in. over the Spanish Peninsula and the south-west of France. Over the western half of Iceland it is below 29.5 in., and in a very shallow depression over the North Sea below 29.7 in. Over the greater part of the United Kingdom, where the readings are below 29.8 in., there are several small local irregularities.

The wind is fresh to strong from the North westward at the mouth of the Channel, but generally the force is very light, and the direction variable. Temperature has fallen in most parts

of these Islands and France. At our own stations it varies from 47° at Dungeness to below 40° over a large area in the west and north, and to 30° at Stornoway. Variable weather is reported over these Islands. In some places there is little cloud, but rain is falling in several parts of England, and fog is reported at Holyhead and Berwick. In most parts of the Continent the sky is cloudy or overcast, with rain at Havre and Skudesnaes, and fog on the coast of Denmark.

DAILY WEATHER REPORT.

Tuesday, 1st April, 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.	
31st, 6 p.m.	49	12	Monmouth	H	29.78	-01	WNW	6-7	c.										
" 1 p.m.	49	13		H	29.77	-02	W	6-7	bc.	31st, 1 p.m.	49	14	Kronland	O	29.74	-04	WSW	8-9	c.
" 7 a.m.	49	14		H	29.78	-03	SW	1-3	bc.	" 7 a.m.	49	17	Mount Royal	H	29.80	+01	NNW	4-5	b.

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.			STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.							Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	...	...	...	...	...	...	England, S.E.	Hr.	Margate	...	...	48	45	ot	ot	...
	Stonehaven	...	...	...	...	...	...			Ramsgate	...	...	48	44	2	2	...
	St. Andrews	...	...	...	...	...	...			Deal	...	...	48	44	om.r.	ogd.	...
	Carnoustie	...	...	...	...	...	...			Folkestone	...	...	47	45	tm	o.c.	...
England, N.E.	Harrogate	...	...	...	...	...	...	England, S.W.	Hr.	Littlestone	...	...	...	...	...	...	...
	Scarborough	...	...	...	...	...	...			Hastings	...	...	49	45	ot	op.	...
	Blackpool	...	...	...	...	...	...			Bexhill-on-Sea	...	...	49	45	cp	og	...
	Southport	...	...	...	...	...	...			Eastbourne	...	...	51	43	o	o	...
England, N.W.	Buxton	...	...	...	...	...	...	England, S.W.	Hr.	Seaford	...	...	50	42	o	o	...
	Matlock	...	...	...	...	...	...			Brighton	...	...	49	44	o	o	...
	Douglas	...	...	...	...	...	...			Worthing	...	...	49	42	o	o	...
	...	...	...	...	...	...	...			Littlehampton	...	...	...	...	...	...	...
Wales.	Rhyl	...	...	...	...	...	...	England, S.W.	Hr.	Bognor	...	...	...	...	...	...	...
	Colwyn Bay	...	...	...	...	...	...			Southsea	...	...	54	42	o.c.b.	bc.	...
	Llandudno	...	...	...	...	...	...			Bournemouth	...	...	55	38	c.b.c.	bc.c.	...
	Bettws-y-Coed	...	...	...	...	...	...			Weymouth	...	...	54	36	b	b	...
England, E.	Aberystwyth	...	...	...	...	...	...	England, S.W.	Hr.	Teignmouth	...	...	53	35	b.b.	bc.c.	...
	Lowestoft	...	...	...	...	...	...			Torquay	...	...	57	37	...	...	...
	Felixstowe	...	...	...	...	...	...			Paignton	...	...	54	33	b	bc.	...
	Walton-on-Naze	...	...	...	...	...	...			Ilfracombe	...	...	55	42	b.b.c.	c.or.	...
England, E.	Southend-on-Sea	...	...	...	...	...	...	England, S.W.	Hr.	Weston-super-Mare	...	...	56	39	b	b.b.c.	...

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rainfall.	WEATHER.			Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.	Max.		Forenoon.	Afternoon.	Night.	
	%	%	Max.	Min.	Max.		Forenoon.	Afternoon.	Night.	
Greenwich (Royal Obsy.)	85	85	50	37	29	...	o	o	abc.p.	0.0
City (Bankhill Row)	...	...	...	...	...	...	...	...	...	0.0
Westminster (St. James's Park)	90	92	50	40	33	0.04	m	mf	r.	0.0
Camden Sq. (Brit. Rainfall)	84	91	48	39	36	0.05	f	f	omb.	0.0
Hampstead (Reservoir)	...	95	48	41	27	0.04	of	of	ot.o.	0.0
Kew. (See front page.)	...	...	...	...	...	...	...	...	...	...
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										
Total.			Average Rate.		Max. Rate.					
S. Kensington (Roof of M.O.)			93 Joules.		2.0 Milliwatts.		5 Milliwatts.			

Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.	
		Max.	Min.	Night.	Forenoon.	Afternoon.	
Dublin to 4 p.m.	0.01	52	42	41	cp	c.b	bc
Plymouth to 9 p.m.	0.19	53	35	25	cl.	c.b.	ot.
Darwen	0.06	53	34	31	cu	c.b.	bc.
Manchester	0.03	56	35	...	bc	bc	bc.
Birmingham	...	53	38	22	c	c.b.	bc.
Oxford to 8 p.m.	...	53	36	34	c.om	om.c	om
S. Kensington (Museum Grounds to 3 p.m.)	...	54	42	38	o.f	fg	f.om.

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

1st & 2nd Apr., 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 5.30 5.28	G.M.T. 11.57 11.57	G.M.T. 6.24 6.26
Greenwich	5.38 5.36	12.4 12.4	6.30 6.32
Wick	5.42 5.40	12.16 12.16	6.50 6.52
Valencia	6.19 6.17	12.45 12.45	7.11 7.13

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to above 55° in many parts of England, but remained below 50° on the east coast. Rain fell over the greater part of the Kingdom, between 0.4 and 0.5 in. on the coasts of Kent and East Anglia, and 0.1 in. at Newquay. As a whole there was little bright sunshine, but at some stations in Scotland, Ireland, Wales and the west and south west of England the day was fair to bright; at Aberdeen the sun shone during 9.7 hours.

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

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

12-28

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

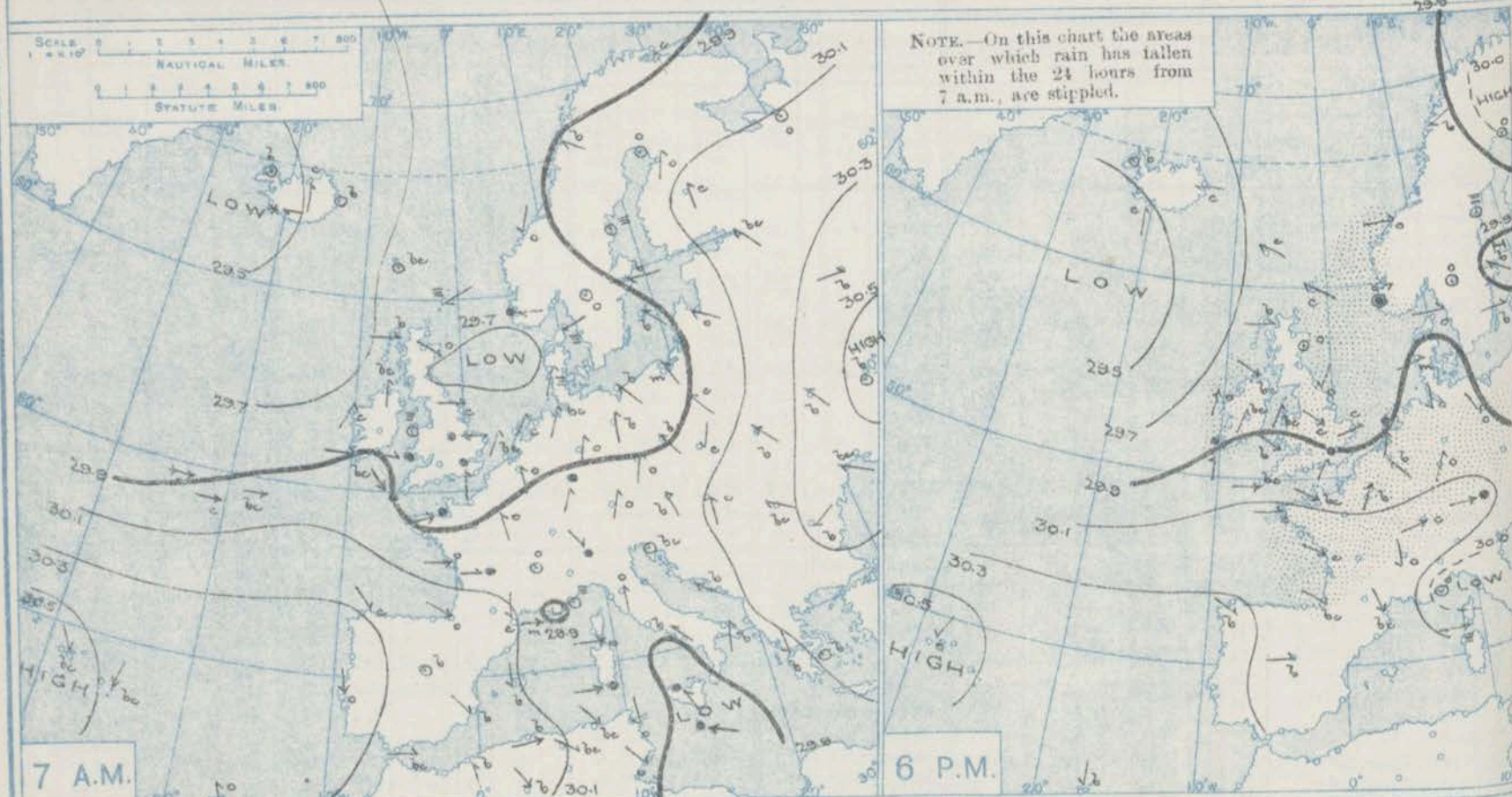
Wednesday,
2nd April, 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.			
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 7 a.m.	Dry Bulb.	Change since Yester- day.						Dir.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.		Aftern'n. 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.
Spitzbergen		29.86	23	-	0	0	29.95	+0.04	22	0	-	0	0	0	0	0.07	43	38	om	cm	omd	
Lerwick		29.74	42	ESE	1	c	29.82	+0.02	40	0	-	0	0	0	0.07	43	38	om	cm	omd		
Stornoway		29.75	45	W	3	bp	29.80	0.00	41	+11	S	3	b	3	-	50	30	b	b	b	8.7	
Castlebay (Barra Isd.)		29.77	45	WSW	3	bc	29.73	0.00	44	+2	SSW	4	okp	4	0.02	46	40	b, o, p, b	bc	b, o, p	7.9	
Malin Head		29.80	44	WNW	4	bc	29.75	0.00	39	-1	SSW	3	bc	2	0.02	47	36	b, o, p	bc	bc		
Blacksod Point		29.75	45	SSW	5	o	29.70	+0.01	42	+3	SW	2	o	2	0.04	47	38	om	om	cm		
Valencia		29.84	44	S	2	cp	29.69	-0.05	44	+2	ESE	2	o	4	0.42	49	42	b, o, v, h	b, o, p	org	6.4	
Roche's Point		29.91	47	WNW	3	c	29.78		45	+6	S	2	r	2	0.10	50	39	bc, c	bc, c	pp, h, r		
Birr Castle		29.85	47	SW	2	bc	29.76		39	+4	S	2	c		0.01	50	35	c	cp	c	9.7	
Donaghadee		29.83	43	WNE	3	bc	29.82	0.00	40	+7	SSW	1	c	1	0.01	47	32	bc	b, o, p	b, b, c, p		
Liverpool Obsy.		29.87	42	W	3	c	29.89	-0.01	38	-2	SSW	3	o	3	0.04	47	36	p, b, c	bc	cp	5.2	
Holyhead		29.86	45	SW	3	bc	29.84	0.00	44	+5	S	3	o	2	0.01	45	38	bc	bc	og	8.9	
Pembroke (St. Ann's Hd.)		29.43	44	WNW	4	b	29.86	-0.02	46	+5	SW	4	cp	4	0.20	47	40	cp, p	bc	b	7.6	
Newquay		30.01	45	W	4	b	29.92	-0.01	46	+2	S	2	cp	4	0.03	47	38	bc, b, v	b, v	b, o, c, p	8.8	
Scilly (St. Mary's)		30.02	47	W	4	bc	29.91	-0.03	47	+3	SW	3	c	4	-	50	40	b, o, p	bc	bc	9.6	
Jersey (St. Aubin)		30.04	48	WNW	4	bc	30.10		45	0	S	3	bc	3	0.17	51	40	cp, o, r	bc	cp, h, w	4.1	
Portland Bill		29.96	46	WNW	5	b	30.01	-0.01	47	+3	SSW	4	bc	4	0.12	49	44	cr	t, b, c	b, b, c		
Dungeness		29.87	46	SW	4	o	30.08	+0.03	42	-5	WSW	1	b	1	0.11	50	37	c, b, c	c	c, o, r, h, a		
Dover		29.91	45	WSW	4	bc	30.10		39	-6	SW	2	b	2	0.05	49	36	a, c, p, h	b	b, c, r, h, a	5.1	
Wick		29.75	44	-	0	c	29.83	+0.02	36	-3	-	0	c	1	trace	44	33	cd, c	c	cm		
Nairn		29.73	47	-	0	bc	29.81		30	-8	-	0	b	0	-	49	28	b, c, b	b, b, c	b	3.0	
Aberdeen		29.78	44	-	0	o	29.85	+0.03	36	-3	-	0	c	1	0.05	49	34	o, c	c, o, r, h	o, c	0.7	
Leith		29.76	47	WSW	2	c	29.84	+0.03	32	-8	-	0	b, g		-	50	30	o	o, c	c		
North Shields		29.80	41	NE	3	o	29.91	+0.02	36	-5	SSW	3	cp	2	0.16	45	34	c	r	o	0.0	
Spurn Head		29.78	42	W	4	c	29.96	+0.05	38	-4	WSW	3	b, w	2	0.10	50	36	c	cm	bc	3.3	
Yarmouth		29.83	47	WSW	3	c	30.03	+0.08	38	-3	WSW	1	b	1	0.14	50	37	bc	bc, c	b, o, r, h	5.1	
Clacton-on-Sea		29.85	48	W	2	bc	30.07	+0.06	39	-6	WSW	2	b	2	0.19	50	36	c, o, p, d	o, c, b, c	b, c, o, r, h	3.7	
Nottingham		29.82	48	WNW	4	c	29.98		34	-6	E	1	b, c, w		0.02	50	31	o, r, h	om, c	c, b, m	1.2	
Bath		29.94	46	W	4	b	30.00		43	+1	S	1	r		0.01	52	33	-	-	-	5.4	
London (Kew Obsy.)		29.90	45	SW	3	o, r	30.06	+0.01	38	-7	SW	2	cm		0.11	51	33	om, c	c, o, r	o, r, h	1.8	
Isafjord		29.58	42	-	0	b	29.79	+0.17	27	-6	-	0	b									
Reykjavik		29.44	39	E	3	o	29.68	+0.08	34	+1	-	0	b									
Vestmanna		29.48	37	S	2	c	29.62	+0.05	38	+2	ENE	3	b									
Seydisfjord		29.62	45	E	2	c	29.73	+0.01	36	+4	-	0	b, c									
Thorshavn		29.73	50	ESE	2	c	29.76	+0.03	33	-3	-	0	b									
Haparanda		30.02	35	-	0	o	29.99	0.00	35	+2	S	2	f			36	32					
Hernösand		29.77	34	-	0	f	30.00	+0.03	36	+3	-	0	o			37	33					
Stockholm		29.96	39	SE	2	b	29.97	+0.02	44	0	-	0	c			54	34					
Wisby		29.89	43	W	2	b	29.95	+0.02	43	0	-	0	o			55	36					
Karlstad		29.86	47	-	0	o	29.97	+0.04	?	?	-	0	o			48	37					
Færder (X'laia Fjord)		29.84	40	-	0	w	29.95	+0.03	40	0	S	2	b, w			41	39					
Bodö		29.85	43	ENE	1	b	29.82	+0.02	43	+3	E	2	b			46	40					
Christiansund		29.72	44	W	1	o	29.91	+0.04	43	0	WNW	1	r			46	43					
Skudesnaes		29.78	43	-	0	r	29.91	+0.02	41	-2	SSE	4	w			46	43					
The Scaw (Skagen)		29.88	46	W	2	o	30.00	+0.05	42	+1	-	0	f, w			46	41					
Blaavands Huk		29.93	41	WSW	1	w	29.99	+0.04	43	0	SW	1	r			45	39					
Cuxhaven		29.95	46	N	1	o	30.04	+0.04	45	-5	SW	2	o			54	45					
The Helder		29.91	46	SSW	3	o	30.03	+0.06	44	-1	SW	2	c			54	39					
Brussels		29.98	43	SE	1	b	30.15	+0.07	40	-4	SW	1	b			57	38					
Berlin		29.90	46	SW	3	o	30.07	+0.16	47	-4	W	3	o			66	45					
Frankfurt		30.03	50	SW	3	o	30.17	+0.05	44	-5	SW	2	m			54	43					
Munich		30.13	41	W	4	t	30.21	+0.01	39	-11	W	3	r			52	37					
C. Gris Nez		29.93	46	SW	5	bc	30.08	+0.05	44	+1	WSW	4	bc	3	0.04	50	41					
La Hève		29.99	44	WSW	5	o	30.10		40	-4	S	4	b	3	0.04	52	37					
Brest (St. Mathieu)		30.15	48	W	4	c	30.05	-0.02	47	+4	SSW	3	o	3	0.04	50	43					
Lorient (Bec Meien)		30.14	48	W	5	o	30.04		49	+4	WSW	3	c	4	0.12	54	43					
Rochefort (Ile d'Aix)		30.22	47	WNW	4	c	30.22	0.00	50	+3	WSW	3	c		0.12	52	46					
Biarritz		30.29	50	WNW	3	bc	30.26	-0.02	45	-5	SE	3	b	5	0.28	52	39					
Paris		30.02	47	SW	5	c	30.22	+0.02	37	-7	SSW	2	b			56	?					
Belfort		30.04	50	WSW	4	c	30.29		38		W	3	o			53	36					
Lyons		30.16	45	N	3	o	30.29		37	-6	WNW	3	b, c			60	36					
Nice		29.96	50	-	0	o	29.95	+0.01	50	0	-	0	b	2	-	61	43					
Perpignan		30.24	51	NW	4	bc	30.27	0.00	46	-6	W	1	b			60	41					
Sanguinaire		30.04	54	W	5	f	30.06		53	-1	WNW	6	c	6	-	59	48					
Corunna (8 a.m.)		30.36	51	WNW	3	b	30.19	-0.08	45	-4	SSE	2	c	6	-	52	41					
Lisbon (9 a.m.)																						
Gibraltar																						

* 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 APRIL.



GENERAL INFERENCE

WEATHER PROSPECTS.

A new depression which is causing a fall of the barometer on our south-west coasts is likely to

extend eastward during the ensuing twenty-four hours, and to prolong the generally unsettled conditions.

FORECASTS FOR THE 24 HOURS NOON Wednesday TO NOON Thursday.

0 {
a
b
1 { Southerly winds, light to moderate, then cloudy or dull, with some rain; becoming rather milder.

2 {
a
b
3 { Southerly and South-Westerly winds, light to moderate; fair, then much cloud, with some rain; temperature rising somewhat.

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 { Southerly winds, light to moderate; cloudy or overcast generally, some rain; milder.

8 {
a
b
8 { Southerly and South-Westerly winds, increasing in force; rain at times; rather milder.

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

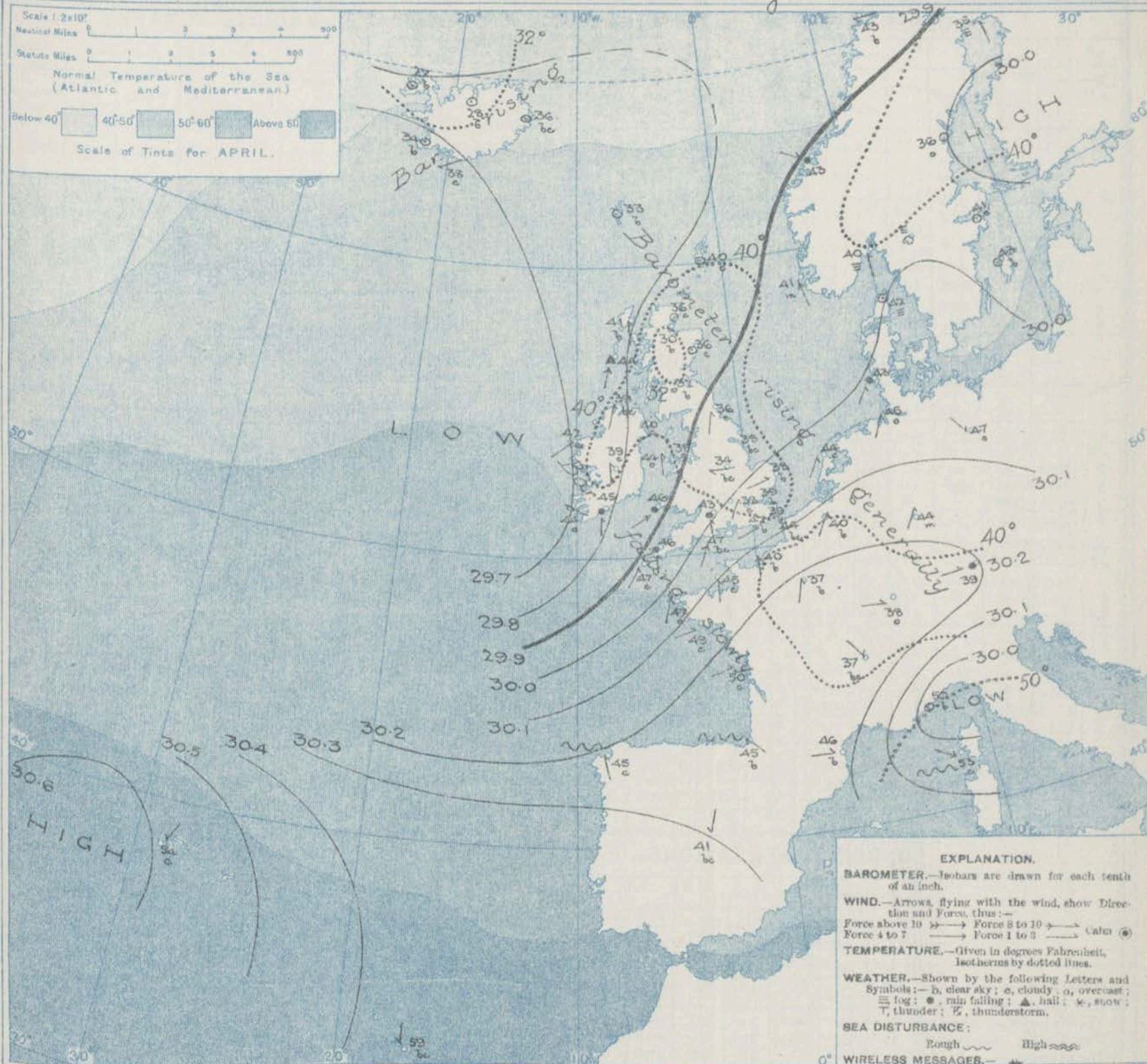
10 {
a
b
10 { Same as No. 8.

11 WESTERN CHANNEL AND BAY.

Southerly and South-Westerly winds, increasing in force; sea slight to rather rough; unsettled, some rain and mist.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Wednesday, 2nd APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is below 29.7 in. over a large area on the Atlantic to the west and north-west of Ireland, about 30.6 in. at the Azores, and above 30.2 in. over the Spanish Peninsula, the greater part of France and Bavaria.

Southerly and South-Westerly winds are reported in the United Kingdom and its neighbourhood, the force being very light to moderate. At Valencia, however, the wind has backed to East-South-East, and at several Scottish stations it is calm. Temperature has

risen in Ireland, Wales and the south-west of England, fallen in most other regions. Over these Islands it ranges from 46° or 47° on the extreme south-west coasts to below 40° over a very large area, to 32° at Leith and to 30° at Bahrn. Rain is falling at Roche's Point and at some south-western stations in Great Britain, but over the Kingdom as a whole the weather is fair. Hail showers are, however, reported at Castlebay. In most parts of France the weather is fair or fine, but on the Continent generally, there is a good deal of cloud, with rain at Munich, Blasovands Ruck and Christiansund, and fog on the Skager Rack.

DAILY WEATHER REPORT.

Wednesday, 2nd April, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEA- THER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
1st, Jan.	49	23	Arabia	0	29.85	-0.2	W	8-9	o										
"	48	20	Thoonland	0	30.02	-0.6	W	6-7	c										
"	49	17	Sicilian	0	30.00	-0.2	W	6-7	bc										

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

STATIONS.	Rainfall. In.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.	STATIONS.	Rainfall. In.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m. Hr.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.							Margate ...	0.04	54	40	o.h.	c.o.	2.0
Oban ...	0.09	47	30	b	c	8.2	Ramsgate ...	0.07	53	40	a	b.c.	4.7
Stonhaven ...	"	54	37	o	b.	0.4	Deal ...	"	52	41	cm.b.	b.c.	5.4
St. Andrews ...	"	"	"	"	"	"	Folkestone ...	0.01	49	43	o.c.	b.o.b.c.	4.8
Carnoustie ...	"	"	"	"	"	"	Littlestone ...	"	"	"	"	"	4.3
England, N.E.							Hastings ...	0.04	52	43	b.o.p.b.	b.b.	4.8
Harrogate ...	0.16	43	38	op	a.c.b.	0.3	Bexhill-on-Sea ...	0.01	49	45	dc.b.	bc.o.	4.5
Scarborough ...	"	52	39	o.c.	or	0.3	Eastbourne ...	0.27	51	42	o.c.	bc.o.	4.0
England, N.W.							Seaford ...	0.13	49	43	r.b.c.	or	3.6
Blackpool ...	0.05	48	41	r.o.c.	bc.c.	5.8	Brighton ...	0.20	50	44	o.c.b.	bc. or	3.8
Southport ...	0.01	49	40	or.b.c.	bc.b.	6.2	Worthing ...	0.19	52	40	c	c.r	2.4
Buxton ...	0.18	46	36	b.r	bc.	2.4	Littlehampton ...	0.17	"	"	"	"	"
Matlock ...	"	"	"	"	"	"	Bognor ...	"	"	"	"	"	"
Douglas ...	"	"	"	"	"	"	Southsea ...	0.02	53	42	o.b.c.	bc.c.	4.3
Wales.							Bournemouth ...	0.23	51	41	b.b.c.	r.c.b.b.	4.3
Rhyl ...	0.10	47	40	bc.	bc.p.r.b.	3.0	Weymouth ...	0.03	50	40	bc.p	b.	5.2
Colwyn Bay ...	0.10	55	42	bc.	b.	3.8	Teignmouth ...	0.17	51	37	bc.p	b.	5.5
Llandudno ...	0.24	51	41	c.b.	b.	4.2	Torquay ...	0.14	50	46	p.b.	b.	5.6
Bettws-y-Coed ...	"	50	40	c.b.c.	b.	4.5	Paignton ...	0.21	51	34	o.b.	b.	6.2
Aberystwyth ...	0.34	47	40	c.b.c.	r.o.c.	4.5	Ilfracombe ...	0.68	47	42	r.o.b.c.	b.b.c.	7.0
England, E.							Weston-super-Mare ...	"	49	41	b.b.c.	bc.b.	"
Lowestoft ...	0.19	51	40	c.b.c.	c.o.c.	4.2							
Felixstowe ...	0.05	52	41	c.b.p	oup.b.	4.5							
Walton-on-Naze ...	0.04	50	45	b.r.	bc.b.	4.6							
Southend-on-Sea ...	"	52	41	bc.	b.b.c.	"							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain- fall.	WEATHER.			Sun- shine for Yesterday.
	3 p.m. Yesterday.	6 a.m. Today.	In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.	
Greenwich (Royal Obs.) ...	66	76	53	33	25	0.16	a.c.	bc.c.	2.7
City (Bunhill Row) ...	"	"	"	"	"	"	"	"	1.4
Westminster (St. James's Pl.)	64	76	52	34	29	0.14	bc	b.c.	1.4
Camden Sq. (Brit. Rainfall)	62	78	54	32	31	0.28	ad.c.	bc.or.	2.0
Hampstead (Reservoir) ...	"	82	51	33	23	0.25	c	c.b.c.	2.4
Kew. (See front page.)	"	"	"	"	"	"	"	"	"
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.									
Total.			Average Rate.		Max. Rate.				
S. Kensington (Roof of M.O.)			610 Joules.		132 Milliwatts.		51 Milliwatts.		2.2

Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.			Sun- shine for Yesterday.
		In Screen.	Night Min. on Glass.	Night.	Fore- noon.	After- noon.	
Dublin to 4 p.m.	?	51	38	34	bc	p.b.	6.4
Plymouth to 9 p.m.	0.03	50	37	27	o.b.	bc.	"
Darwen "	"	"	"	"	"	"	"
Manchester "	0.18	49	40	"	o.or	bc.	2.7
Birmingham "	0.14	45	39	28	r.	o.c.	1.2
Oxford to 8 p.m.	"	51	41	35	cm.o	o.c.	"
S. Kensington (Museum Grounds to 6 p.m.)	0.06	52	42	32	om.cd	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 April, 1913.	Sunrise.			Noon.			Sunset.		
	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.28	11.57	6.26	5.26	11.57	6.29	5.36	12.4	6.32
Greenwich ...	5.34	12.4	6.34	5.34	12.4	6.34	5.40	12.16	6.52
Wick ...	5.38	12.16	6.54	5.38	12.16	6.54	6.17	12.45	7.13
Valencia ...	6.15	12.45	7.15	6.15	12.45	7.15			

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 50° or a little higher in many parts of the Kingdom, but only to 43° at Harrogate. Rain has fallen very generally the largest measurement reported being 0.4 in. at Valencia. Most parts of these Islands recorded several hours of bright sunshine; at Bournemouth the figure was as high as 8.8 hour, while at Seilly and Berr Castle it was more than 9.5 hour.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday, 3rd April, 1913.

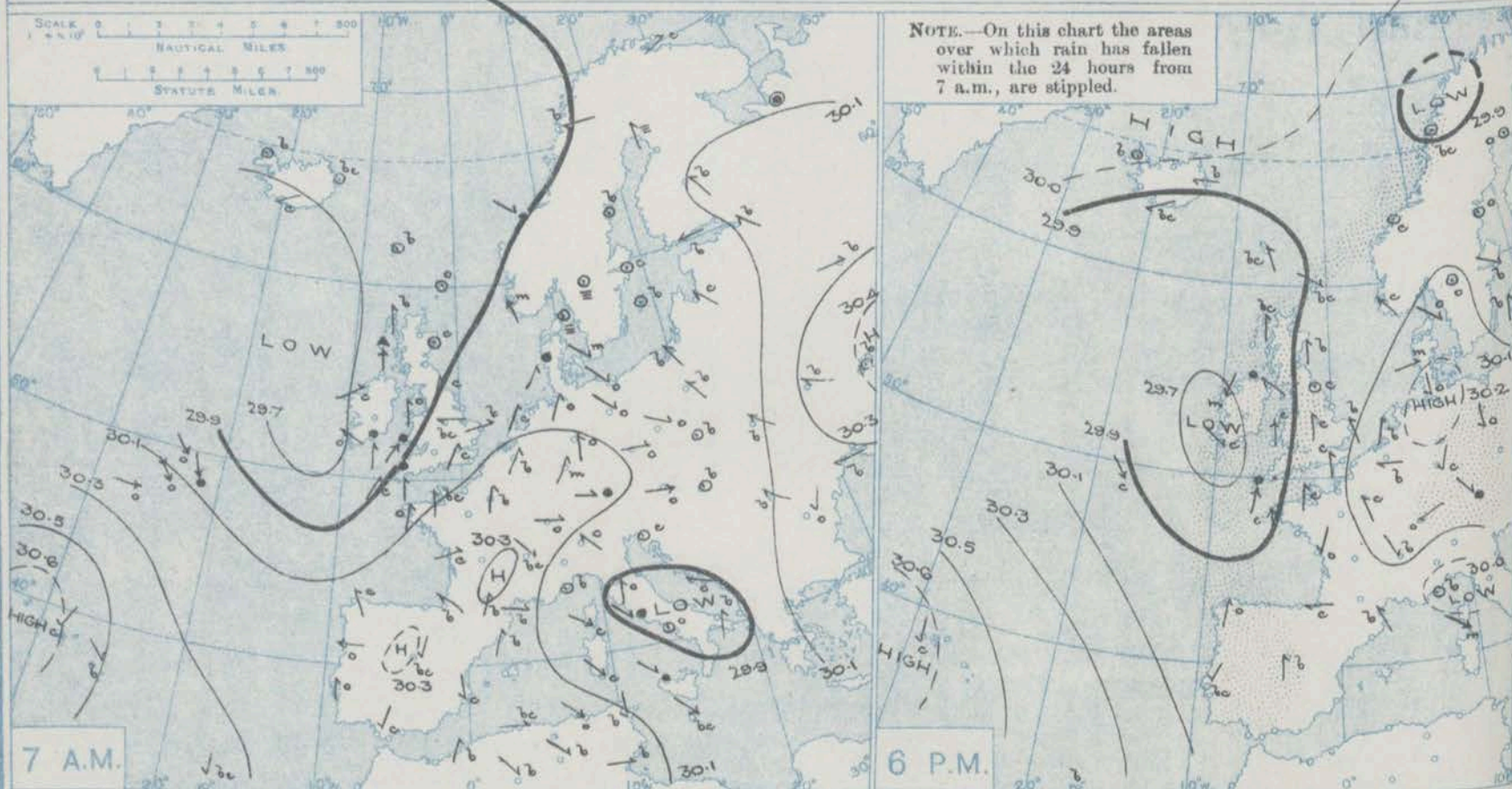
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sign- shms for Yester- day.
	BAROM.		TEMP.	WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Weather.	Rain- fall.	TEMP.		WEATHER.						
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.		Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Max.				Min.	Morn'g. 7 a.m. to 1 p.m.	After'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.					
Spitzbergen ...	30.06	17	N	2	o	30.03	-0.04	19	-3	NW	2	o	2	?	22	14	?	?	?	?	Hours			
Lerwick ...	In.	42	WNW	2	bc	30.24	+0.10	37	-3	-	o	b	1	0.13	44	35	ot	bc	bm	5.5				
Stornoway ...	29.88	46	S	3	bc	30.15	+0.07	41	o	SW	2	bc	2	0.01	47	35	cp	cpbc	bcg.	8.2				
Castlebay (Barra Isd.) ...	29.85	48	E	3	bc	30.10	+0.09	46	+2	E	3	bc	4	0.09	47	40	cpbc	c.b.	bcg.					
Malin Head ...	29.75	45	ESE	2	orm	30.00	+0.12	44	+5	SE	3	bc	2	0.02	51	39	bc	orm	bc					
Blacksod Point ...	29.63	45	NE	4	m	29.85	+0.08	42	o	SSE	3	o	3	0.19	47	39	ond	ond	omp					
Valencia ...	29.66	44	NW	3	c	29.89	+0.06	40	-4	ESE	1	bc	4	0.26	47	39	ond	om.c.	op.c.	0.0				
Roche's Point ...	29.65	45	S	3	c	29.92		43	-2	NNE	2	b	2	0.45	49	42	opg	ot.c.	og.c.					
Birr Castle ...	29.67	47	SE	2	c	29.91		45	+6	SE	2	c	*	0.14	49	39	cp	cp	cp	0.6				
Donaghadee ...	29.82	46	SSE	2	c	30.06	+0.06	45	+5	SE	3	bc	3	0.01	49	40	bc	c	cpbc					
Liverpool Obsy. ...	29.90	47	SSE	3	o	30.10	+0.04	43	+5	ESE	3	bc	2	0.04	52	38	op	bc	em	1.1				
Holyhead ...	29.84	49	S	4	c	30.03	+0.03	44	o	E	3	bc	2	0.03	49	42	omp	em	bc	4.4				
Pembroke (St. Ann's Hd.) ...	29.79	46	ESE	5	c	29.97	+0.07	45	-1	SE	5	cg	4	0.07	49	44	cp	c	cg	0.6				
Newquay ...	29.80	49	SE	5	cp	29.93	+0.05	48	+2	SE	3	bc	4	0.16	51	43	cp	cp	cp	1.5				
Scilly (St. Mary's) ...	29.74	46	SSW	4	cg/p	29.86	+0.03	45	-2	ESE	3	omp	4	0.26	50	42	omp	cg/p	cg/p	0.0				
Jersey (St. Aubin) ...	30.00	50	SSW	3	c	29.98		45	o	E	4	c	4	0.03	52	44	bc.c.	c.op	o.bc.	5.6				
Portland Bill ...	29.95	46	S	4	o	30.01	+0.03	48	+1	ESE	4	bc	4	0.04	49	44	c	cp	bc.					
Dungeness ...	30.06	48	SE	2	bc.	30.08	+0.01	46	+4	E	4	b	3	-	51	41	cpbc	bc	c.b.					
Dover ...	30.11	48	S	2	b	?		45	+6	SE	3	b	4	-	49	38	b.g.	b.g.	b.	11.7				
Wick ...	29.89	43	SSE	3	b	30.18	+0.06	41	+5	SSE	2	f	2	0.02	45	34	om.b.	bc.b.	bcouf					
Nairn ...	29.88	48	-	o	bc	30.15		40	+10	-	o	c	o	0.02	48	29	b.b.	g.b.	g.b.	6.0				
Aberdeen ...	29.95	45	S	1	b	30.21	+0.07	42	+6	S	1	o	1	-	49	35	bc.b.	bc.b.	b.o.	7.7				
Leith ...	29.91	48	SSE	2	c	30.14	+0.09	44	+12	SSE	1	c	*	trace	52	31	b.b.	o.c.	o.c.					
North Shields ...	29.95	46	-	o	cg	30.20	+0.07	43	+7	SE	1	cg	2	-	50	35	c	c	cg	3.7				
Spurn Head ...	30.01	46	S	3	c	30.17	+0.07	44	+6	SSE	4	b	3	0.07	50	37	c	cp	c.b.	6.2				
Yarmouth ...	30.08	47	SSE	3	b	30.19	+0.04	44	+6	ESE	2	b	3	-	51	38	bc.	c.b.	b.	8.0				
Clacton-on-Sea ...	30.08	47	S	3	bc	30.15	+0.04	46	+7	E	2	b	2	-	50	38	bc.	c.b.	bc.b.	6.1				
Nottingham ...	29.97	48	S	2	c	30.14		39	+5	E	2	bm	*	0.02	53	33	bc.p.	cp	c.b.	3.8				
Bath ...	29.98	46	S	3	o	30.08		46	+3	ESE	2	c	*	0.07	54	42	-	-	-	2.2				
London (Kew Obsy.) ...	30.05	49	S	3	o	30.14	+0.04	41	+3	E	2	bm	*	-	53	38	bm.w	ew.o.c.	c.o.	4.1				
Isafjord ...	30.02	38	-	o	b	30.34	+0.04	26	-1	N	1	c	-	-	-	-	-	-	-					
Reykjavik ...	29.79	51	-	o	b	30.23	+0.04	25	-9	-	o	b	-	-	-	-	-	-	-					
Vestmanna ...	29.87	41	ENE	1	bc	30.23	+0.05	33	-5	N	5	b	1	-	-	-	-	-	-					
Seydisfjord ...	29.89	55	E	3	b	30.26	+0.08	38	+2	SW	2	o	-	-	-	-	-	-	-					
Thorshavn ...	29.85	47	SSE	2	bc	30.15	+0.07	33	o	-	o	b	-	-	-	-	-	-	-					
Haparanda ...	30.03	34	-	o	o	29.99	0.00	34	-1	-	o	f	-	-	36	32	-	-	-					
Hernösand ...	30.04	37	-	o	o	30.06	?	40	+4	-	o	f	-	-	46	34	-	-	-					
Stockholm ...	30.05	44	WNW	2	b	30.16	+0.06	43	+2	WNW	4	o	-	-	54	41	-	-	-					
Wisby ...	30.04	38	SW	2	b	30.20	+0.06	41	-2	WNW	2	b	-	-	61	36	-	-	-					
Karlstad ...	30.11	41	-	o	o	30.26	+0.02	40	-	-	o	o	-	-	45	37	-	-	-					
Færder (X'tania Fjord) ...	30.10	41	SSW	3	f	30.26	+0.05	40	o	WSW	2	b	1	-	41	37	-	-	-					
Bodö ...	29.89	42	-	o	bc	29.97	+0.02	40	-3	SW	4	c	2	0.08	43	37	-	-	-					
Christiansund ...	29.98	45	-	o	c	30.15	+0.04	43	o	SW	1	c	2	0.24	45	39	-	-	-					
Skudesnaes ...	30.02	42	SE	6	c	30.30	+0.04	41	o	ESE	2	b	3	-	43	37	-	-	-					
The Scaw (Skagen) ...	30.17	40	WNW	3	o	30.32	+0.04	39	-3	W	1	b	1	-	46	36	-	-	-					
Blaavands Huk ...	30.20	41	WSW	1	m	30.35	+0.05	37	-6	NE	1	f	1	trace	46	30	-	-	-					
Cuxhaven ...	30.21	46	N	1	o	30.27	+0.02	42	-3	NE	3	b	-	-	50	41	-	-	-					
The Helder ...	30.20	41	SSW	1	b	30.25	+0.02	44	o	NE	4	o	1	-	48	39	-	-	-					
Brussels ...	30.17	44	E	1	b	30.12	-0.01	38	-2	ENE	2	o	-	-	55	36	-	-	-					
Berlin ...	30.19	52	N	3	o	30.21	+0.01	47	o	N	2	b	-	trace	59	46	-	-	-					
Frankfurt ...	30.19	46	NE	1	c	30.06	-0.03	45	+1	NE	2	f	-	0.08	52	43	-	-	-					
Munich ...	30.17	41	NW	3	r	29.97	-0.05	41	+2	E	4	o	-	0.35	41	39	-	-	-					
C. Gris Nez ...	30.11	49	S	2	bc	30.11	+0.01	41	-3	E	3	m	1	-	54	37	-	-	-					
La Hève ...	30.06	48	S	3	o	30.02		40	o	ENE	3	m	2	-	55	37	-	-	-					
Brest (St. Mathieu) ...	29.88	49	S	5	c	29.90	+0.01	45	-2	ESE	3	c	5	-	52	43	-	-	-					
Lorient (Bec Melen) ...	29.92	51	S	5	c	29.86		45	-4	NE	4	bc	3	-	54	41	-	-	-					
Rochefort (Ile d' Aix) ...	30.02	52	NE	2	o	29.80	-0.02	43	-7	FNE	4	bc	*	-	57	41	-	-	-					
Biarritz ...	29.94	56	E	3	c	29.70	-0.04	49	+4	SSE	3	o	4	-	59	43	-	-	-					
Paris ...	30.13	49	SE	2	b	30.02	-0.02	38	+1	NE	2	b	-	-	56	33	-	-	-					
Belfort ...	30.19	44	ENE	3	o	29.99		39	+1	FNE	4	r	-	-	50	38	-	-	-					
Lyons ...	30.15	46	WNW	2	b	29.97		34	-3	-	o	b	-	-	52	32	-	-	-					
Nice ...	29.94	51	-	o	b	29.91	0.00	49	-1	-	o	b	2	-	63	41	-	-	-					
Perpignan ...	30.05	52	SE	2	b	29.81	-0.06	50	+4	-	o	o	-	-	64	42	-	-	-					
Sanguinaire ...	30.03	52	WNW	4	m	29.99		52	-1	ESE	3	m	-	-	59	46	-	-	-					
Corunna (8 a.m.) ...	30.03	52	SSW	3	o	29.78	0.00	43	-2	SSW	3	r	b	0.16	55	39	-	-	-					
Lisbon (9 a.m.) ...	30.07	48	NE	2	bc	29.95	+0.02	46	-3	WNW	4	c	8	0.16	54	46	-	-	-					
Gibraltar ...	30.00	55	W	3	o	29.99		52		W	3	cg	?	0.28	58	48	-	-	-					
Azores (P. Delgada) ...	30.63	55	N	1	c	30.60	-0.01	53	-1	-	o	b	3	-	61	52	-	-	-					
Azores (Horta) ...	30.34	60	?	?	b	30.32																		

GALES.
Duration and Extremes 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. 2ND APRIL



GENERAL INFERENCE

It appears probable that barometric pressure will continue to increase for a time over the

WEATHER PROSPECTS.

United Kingdom generally, and that the distribution will be anticyclonic.

FORECASTS FOR THE 24 HOURS NOON

- 0 { a } South-Easterly winds, light or moderate; fair to bright;
 { b } moderate temperature.
 1 { a }
 { b }
 2 { a } Wind between East and
 { b }
 3 South-East, light to moderate or
 4 { a } fresh; fair or fine; moderately
 { b } warm inland during day,
 5 rather cold at night.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

Thursday

- 6 { a } Easterly or South-Easterly winds,
 { b } light; fine; temperature rather high during day.
 7 { a } Easterly and South-Easterly winds,
 { b } light or moderate; fair or fine; moderate temperature.
 8 { a } Same as Nos. 3 to 5.
 { b }
 9 { a } Same as No. 7.
 { b }
 10 { a }
 { b }

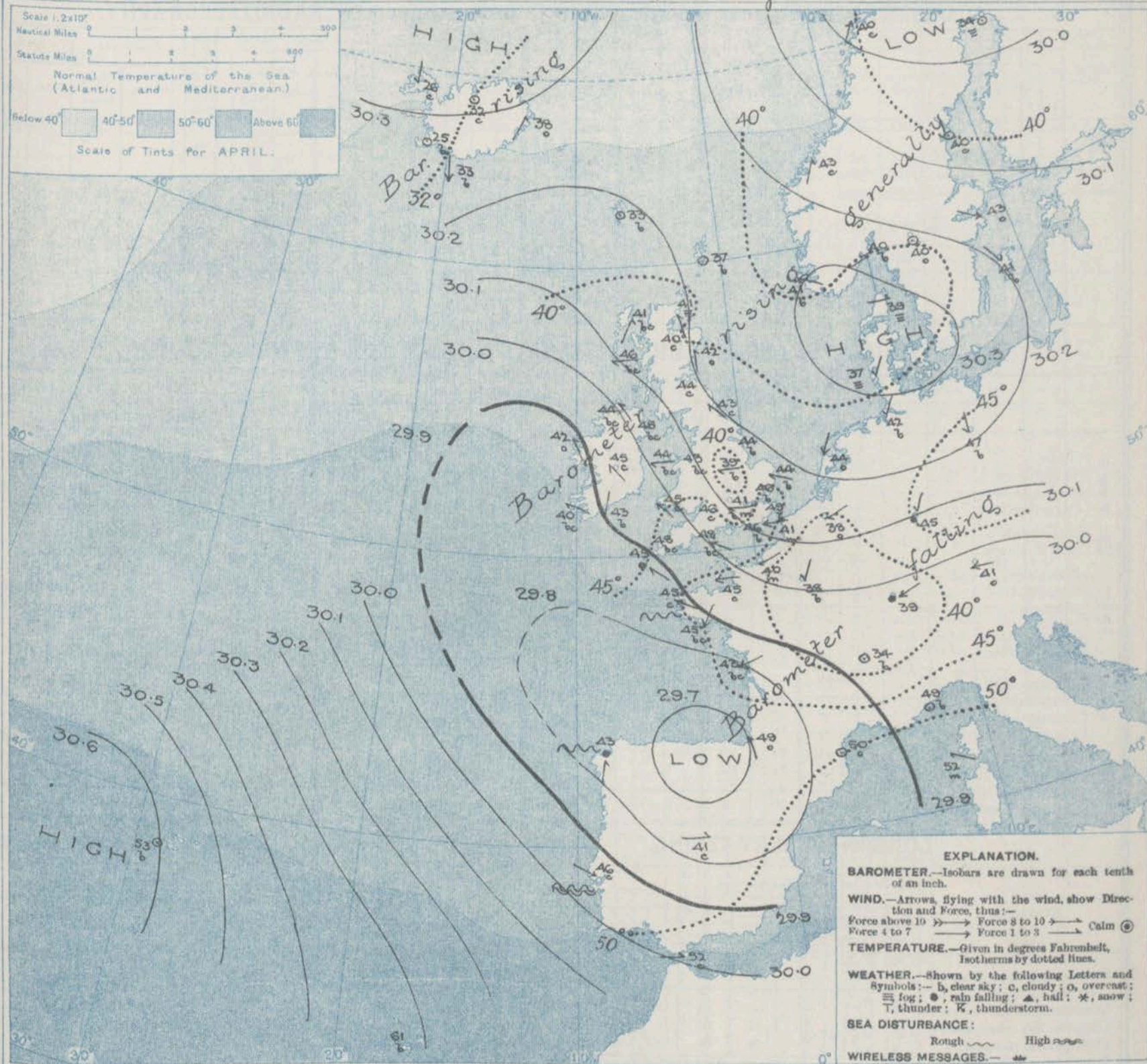
11 WESTERN CHANNEL AND BAY.

Wind mainly Easterly, light to fresh; mostly fair, some mist locally; sea slight or moderate.

THE FURTHER OUTLOOK. (All Districts.)

Continuing fair generally.

SYNOPTIC CHART FOR 7 A.M. Thursday, 3rd APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure has become high, above 30.3 in., in the north of Iceland, and also over Denmark and the south of Norway, while it is now as low as 29.7 in. in the south-west of France. At the Azores the readings are still about 30.6 in.

The wind over the United Kingdom is between East and South-East generally, and light to moderate in force. Over France and Germany it is mainly Easterly or North-Easterly, and over the major portion of Scandinavia between South-West and North-West. Temperature

ranges over these Islands from 48° at Portland Bill and Newquay to 40° at Barm, and to 39° at Nottingham. Fair to bright weather prevails in almost all parts of this country and over a large area on the continent, but rain is falling at Scilly, Frankfurt, Belfort and Bonna, and fog is reported at Wick and in Denmark.

DAILY WEATHER REPORT.

Thursday, 3rd April, 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.	49	17	<i>Megantic</i>	H	29.90	-0.02	NW	6-7	c										
2nd. 7 a.m.	47	27	<i>Kronland</i>	O	30.30	+0.11	W	6-7	o										
" "	48	24	<i>Mount Royal</i>	O	30.14	+0.07	NW	8-9	o										
" "	48	22	<i>Sicilian</i>	O	30.05	+0.03	NNW	8-9	r										
" "	49	22	<i>Megantic</i>	H	29.96	-0.05	NW	6-7	o										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban ...	...	50	32	c.b.c.	p.b.c.	2.4	England, S.E.	Margate ...	0.04	53	35	b.c.b.	b.	9.0
	Stonehaven ...	...	51	33	b	b	8.4		Ramsgate ...	0.03	51	35	a	a	10.2
	St. Andrews ...	...	51	33	b	b	8.4		Deal ...	0.03	52	35	op.c	b.c.b.	10.4
	Carnoustie ...	...	51	33	b	b	8.4		Folkestone ...	0.05	49	42	b.c.b.	b.v	9.9
Engl. N.E.	Harrogate ...	0.02	49	33	c.b.c.	op.c.	2.7	England, S.E.	Littlestone ...	...	...	...	...	...	9.3
	Scarborough ...	...	51	36	c.b.	c.b.f	6.0		Hastings ...	0.08	51	35	or.b.c.	b.	8.7
England, N.W.	Blackpool ...	0.03	52	34	op	op	1.3	England, S.E.	Bexhill-on-Sea ...	0.09	50	36	b	b	9.0
	Southport ...	0.04	52	39	op.b.c.	b.c.or.o	1.7		Eastbourne ...	0.13	51	37	b.c.	b.c.	8.5
	Buxton ...	0.18	47	31	b.c.p	b.c.p	1.2		Seaford ...	0.11	52	35	a.b.	b.b.c.	7.4
	Matlock ...	...	47	31	b.c.p	b.c.p	1.2		Brighton ...	0.10	50	34	c.b.c.	c.b.c.o	8.9
Wales.	Douglas ...	...	53	34	b.c.	b.c.	4.0	England, S.E.	Worthing ...	0.04	52	32	b	b.c.	8.2
	Rhyl ...	0.02	53	34	b.c.	b.c.	4.0		Littlehampton ...	...	...	...	...	...	8.2
	Colwyn Bay ...	0.08	53	40	b.c.	b.c.p.c.	0.2		Bognor ...	...	...	...	...	...	8.3
	Llandudno ...	0.06	52	37	c	b.c.	0.4		Southsea ...	0.05	52	37	c.b.c.	b.c.r.	3.9
England, E.	Bettws-y-Coed ...	...	47	36	b.c.p	b.c.p	4.3	England, S.E.	Bournemouth ...	0.07	52	36	r.c.	c.o.	4.1
	Aberystwyth ...	0.04	52	39	c.b.o.	c.or.	3.5		Weymouth ...	0.08	53	40	b.c.	cp	3.5
	Lowestoft ...	0.18	51	37	b.c.c.o	o.c.b.	7.5		Teignmouth ...	0.17	54	37	b.c.r.	b.c.p	3.8
	Felixstowe ...	0.15	52	36	c.b.c.	b.c.b.	8.2		Torquay ...	0.07	52	38	b.c.p.c.	c.or.o	3.6
England, E.	Walton-on-Naze ...	...	49	44	b.c.c.o	b.c.b.	6.9	England, S.E.	Paignton ...	0.20	53	35	b.c.p.c.	c.or.o	3.2
	Southend-on-Sea ...	0.35	55	35	b	b	5.0		Ilfracombe ...	0.03	53	40	b.c.p.c.	b.c.g.b.	1.5
									Weston-super-Mare ...	0.03	52	37	b.c.p	cp.c.	1.5

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.		Humidity.	TEMPERATURE.		Rain- fall.	WEATHER.		Sun- shine for Yesterday.	STATIONS.		Rain- fall.	TEMPERATURE.		WEATHER.		Sun- shine for Yesterday.
			In Screen.	Min. on Grass.		Fore-noon.	After-noon.					In Screen.	Night Min. on Grass.	Night.	Fore-noon.	
		3 p.m. Yesterday.	Max.	Min.	24 HOURS ENDED 9 A.M. TO-DAY.							Max.	Min.			
Greenwich (Royal Obs.) ...		64	55	36	26	In.	c.b.c.	c.b.c.	Dublin to 4 p.m.		0.01	51	40	36	b.c.	c.op
City (Banhill Row) ...		64	55	36	26	In.	c.b.c.	c.b.c.	Plymouth to 9 p.m.		0.32	50	40	30	or.b.c.	c.b.c.
Westminster (St. James's Pk.) ...		68	53	42	33	In.	b.c.	b.c.	Darwen "		0.05	50	32	30	or.	or.b.c.
Camden Sq. (Brit. Rainfall) ...		67	55	35	31	In.	b.c.	b.c.	Manchester "		0.05	52	33	25	op	b.c.
Hampstead (Reservoir) ...		67	51	38	26	In.	b.c.	b.c.	Birmingham "		0.05	51	33	25	c	cp
Kew. (See front page.)		67	51	38	26	In.	b.c.	b.c.	Oxford to 8 p.m.		...	52	35	28	c.b.m.c.	cp.h
			VERTICAL COMPONENT OF SOLAR RADIATION		PER SQUARE CENTIMETRE DURING YESTERDAY.				S. Kensington		0.11	54	36	26	or.c	c
			Total.	Average Rate.	Max. Rate.				(Museum Grounds to 6 p.m.)		...	...	...	...	...	...
S. Kensington (Roof of M.O.)		67	965.8	16.4	61	Joules.	Milliwatts.	4.0			...	...	...	...	...	...

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

3rd & 4th Apr., 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 5.26 S.M.T. 5.24	G.M.T. 11.57 S.M.T. 11.56	G.M.T. 6.28 S.M.T. 6.29
Greenwich ...	5.34 5.32	12.4 12.3	6.34 6.35
Wick ...	5.38 5.35	12.16 12.15	6.54 6.56
Valencia ...	6.15 6.13	12.45 12.44	7.15 7.16

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to above 50° in most parts of the Kingdom, touching 55° at Southend-on-Sea. Rain fell in the west and south-west, and in a few places elsewhere, but the quantity was slight generally. Bright sunshine was very abundant over the east and south of England, and also in several parts of Scotland; at Dover it exceeded 11 hours. According to wireless reports strong winds or gales from N.W. prevailed on the Atlantic between the 20th and 30th meridians. A moderate earthquake occurred at Fayal (Azores) last evening.

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. 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.

12.22.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday
24th April 1913.

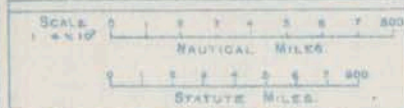
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force	Weather.	Sea	Rain- fall.	TEMP.		WEATHER.					
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dirac.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.	
Spitzbergen	30.00	27	-	0		0	29.94	-0.2	29	+1.0	SE	5	S	2	In.	29	16	2	2	2	Hours		
Lerwick	30.43	41	E	3	m	m	30.59	+0.4	40	+3	E	2	f	1	0.01	50	37	bc	bc om	f			
Stornoway	30.36	51	N	2	b	b	30.54	+0.4	39	-2	M	1	0	1	-	52	35	bc	bc	b of	5.4		
Castlebay (Barra Isd.)	30.33	50	ENE	2	bm	bm	30.51	+0.5	47	+1	ENE	3	b	3	-	53	45	bc	bc	bm b	10.0		
Malin Head	30.26	50	E	2	m	m	30.45	+0.2	46	+2	ENE	3	m	2	-	54	42	bc	bc	om			
Blacksod Point	30.17	50	E	3	o	o	30.40	+0.5	40	-2	-	0	c	0	0.04	53	38	om	om	om			
Valencia	30.14	51	-	0	b	b	30.31	+0.2	45	+5	ENE	1	by	3	trace	54	40	bc	bc	bc	9.2		
Roche's Point	30.16	49	E	3	b	b	30.29		41	-2	MNE	2	b	2	0.01	51	40	cp	o bc b	by			
Birr Castle	30.18	52	E	2	c	c	30.37		33	-12	MNE	1	c		0.02	54	32	cp	cp	ex.	2.5		
Donaghadee	30.27	48	SE	2	bm	bm	30.42	+0.2	43	-2	N	3	bc	3	-	52	43	bm	bm	bm			
Liverpool Obsy.	30.24	51	E	3	b	b	30.31	-0.1	40	-3	NE	3	o	3	-	55	38	bc	bm	om	4.6		
Holyhead	30.21	50	NE	3	m	m	30.32	+0.1	44	0	E	5	c	4	-	50	42	om	bm	bm	6.4		
Pembroke (St. Ann's Hd.)	30.12	50	ESE	3	bc	bc	30.20	+0.1	42	-3	NE	4	cyp	3	0.03	54	40	cg	bc	bc	8.1		
Newquay	30.06	52	E	2	b	b	30.08	0.0	43	-5	NE	6	omg	6	-	53	42	bc b	bc	bc c	8.5		
Scilly (St. Mary's)	30.06	49	E	4	b	b	30.07	+0.1	45	0	NE	5	om	4	0.01	54	43	om	bm	bc.	7.4		
Jersey (St. Aubin)	29.98	51	ESE	5	b	b	29.93		46	+1	NE	5	om	4	0.04	56	45	bc b	b	om b	10.0		
Portland Bill	30.05	50	NE	4	bc	bc	30.02	0.0	42	-6	MNE	6	c	4	0.02	50	42	bc	bc	ci. jo.			
Dungeness	29.96	47	ENE	6	ny	ny	29.91	-0.2	46	0	NE	6	og	5	0.30	52	44	c	c or	cg or			
Dover	30.04	48	NE	6	r	r	29.99		45	0	MNE	6	og	5	0.40	51	43	b	c or	cg or	5.8		
Wick	30.37	44	SSE	2	b	b	30.53	+0.3	34	-7	-	0	f	2	trace	46	31	f	f. bm.	f. m.			
Nairn	30.34	53	E	1	bc	bc	30.52		32	-8	-	0	m	0	trace	55	30	g b.	bc	m.	8.9		
Aberdeen	30.38	48	SSE	1	b	b	30.54	+0.4	36	-6	NW	3	b	1	-	53	32	o. b.	b	bc.	5.9		
Leith	30.33	45	-	0	c	c	30.45	+0.4	42	-2	E	1	cg		0.03	52	41	c	cg	o. c.			
North Shields	30.36	44	E	3	bc	bc	30.40	0.0	42	-1	N	3	o	3	-	50	36	c. bc.	bc.	o	8.9		
Spurn Head	30.26	42	ENE	4	c	c	30.19	+0.4	44	0	ENE	6	cg	5	-	49	40	bc	bc	bc og	8.3		
Yarmouth	30.19	44	NNE	4	o	o	30.13	0.0	43	-1	NNE	5	o	5	0.24	49	42	b. bc.	o	bc op	5.1		
Clacton-on-Sea	30.10	45	NNE	4	o	o	30.03	-0.1	44	-2	NNE	4	o	4	0.17	51	42	b. bc.	c. ogp.	ogp.	6.2		
Nottingham	30.22	47	ENE	5	b	b	30.21		43	+4	NE	4	c		-	55	37	b. bc.	bc b.	b.	10.6		
Bath	30.13	52	E	5	bc	bc	30.12		42	-4	E	3	r		-	56	42	-	-	-	9.3		
London (Kew Obsy.)	30.11	46	NE	5	od	od	30.05	0.0	43	+2	NE	5	omr		0.23	53	41	bm c.	c or.	od r.	7.8		
Isafjord	30.35	38	-	0	b	b	30.15	-0.6	38	+12	S	2	o										
Reykjavik	30.38	55	-	0	b	b	30.26	0.0	41	+16	SE	6	r										
Vestmanna	30.41	40	SE	3	b	b	30.42	-0.3	42	+9	SSE	4	b										
Seydisfjord	30.45	41	E	2	c	c	30.41	-0.1	41	+3	SW	2	c										
Thorshavn	30.42	47	-	0	b	b	30.58	+0.1	36	+3	-	0	bc										
Haparanda	29.97	36	SW	2	b	b	30.03	+0.9	40	+6	MNW	6	b		0.04	41	32						
Hernösand	30.27	43	W	2	b	b	30.39	+0.4	44	+4	W	4	b		-	54	39						
Stockholm	30.30	43	W	2	b	b	30.44	+0.4	42	-1	MNW	2	b		-	52	36						
Wisby	30.27	42	MNW	2	b	b	30.39	+0.5	41	0	NNE	2	b		-	45	36						
Karlstad	30.36	39	-	0	b	b	30.52	+0.6	41	+1	N	2	b		-	48	32						
Færder (X'ania Fjord)	30.38	43	MNW	1	b	b	30.50	+0.3	40	0	NNE	5	bc		-	44	37						
Bodö	30.06	39	SW	5	o	o	30.33	+0.6	39	-1	SW	4	bc		0.20	41	37						
Christiansund	30.42	42	WSW	4	c	c	30.57	+0.5	41	-2	W	2	r		0.24	43	40						
Skudesnaes	30.45	43	-	0	b	b	30.50	+0.2	40	-1	MNW	2	b		-	46	34						
The Scau (Skagen)	30.36	41	NNE	2	bc	bc	30.44	+0.3	42	+3	NE	3	bc		-	45	37						
Blaavands Huk	30.32	42	NNE	3	b	b	30.26	+0.1	41	+4	ENE	3	o		-	52	34						
Cuxhaven	30.22	44	E	4	c	c	30.16	-0.1	44	+2	ENE	4	o		-	50	41						
The Helder	30.17	46	NE	6	o	o	30.11	0.0	45	+1	NE	6	o		-	48	44						
Brussels	29.97	46	NE	3	r	r	29.92	-0.1	43	+5	NE	3	o		0.55	46	38						
Berlin	30.07	51	E	4	o	o	30.09	0.0	47	0	E	4	o		-	59	46						
Frankfurt	29.93	51	NE	1	o	o	29.89	0.0	50	+5	NE	2	b		trace	54	45						
Munich	29.85	50	E	2	c	c	29.86	-0.1	41	0	NE	3	b		-	57	36						
C. Gris Nez	29.99	45	NE	6	r	r	29.93	-0.1	45	+4	ENE	6	m		0.63	50	41						
La Hève	29.95	45	NE	4	o	o	29.88		45	+5	NE	3	m		-	55	40						
Brest (St. Mathieu)	29.96	52	ENE	4	b	b	29.96	0.0	46	+1	NE	4	f		0.12	59	43						
Lorient (Bec Melen)	29.84	50	NE	5	bc	bc	29.81		49	+4	NE	3	o		-	55	41						
Rochefort (Ile d' Aix)	29.72	56	ENE	5	c	c	29.72	+0.1	43	0	NE	5	o		-	61	41						
Biarritz	29.56	53	MNW	4	c	c	29.55	-0.2	50	+1	NE	4	o		0.04	55	43						
Paris	29.93	47	NNE	2	o	o	29.85	+0.1	45	+7	NE	2	o		-	56	38						
Belfort	29.87	47	ENE	6	m	m	29.80		39	0	ENE	5	o		-	50	36						
Lyons	29.80	51	E	1	o	o	29.70		40	+6	MNW	3	bc		-	59	36						
Nice	29.85	49	E	2	c	c	29.79	+0.2	50	+1	E	8	o		-	59	48						
Perpignan	29.65	49	SE	2	r	r	29.50	-0.1	48	-2	SE	2	o		1.22	60	45						
Sanguinaire	29.40	52	E	4	c	c	29.87		55	+3	SE	6	o		-	57	46						
Corunna (8 a.m.)	29.76	50	WSW	2	b	b	29.80	0.0	50	+7	NNE	3	o		0.08	54	43						
Lisbon (9 a.m.)	29.80	47	WNW	3	m	m	29.70	-0.1	51	+5	WNW	2	bc		0.04	52	45						
Gibraltar	29.85	57	W	6	o	o	29.75		46	-6	W	6	r		0.26	58	46						
Azores (P. Delgada)														</									

GALES.
Duration and Extreme Force
on British Coasts.

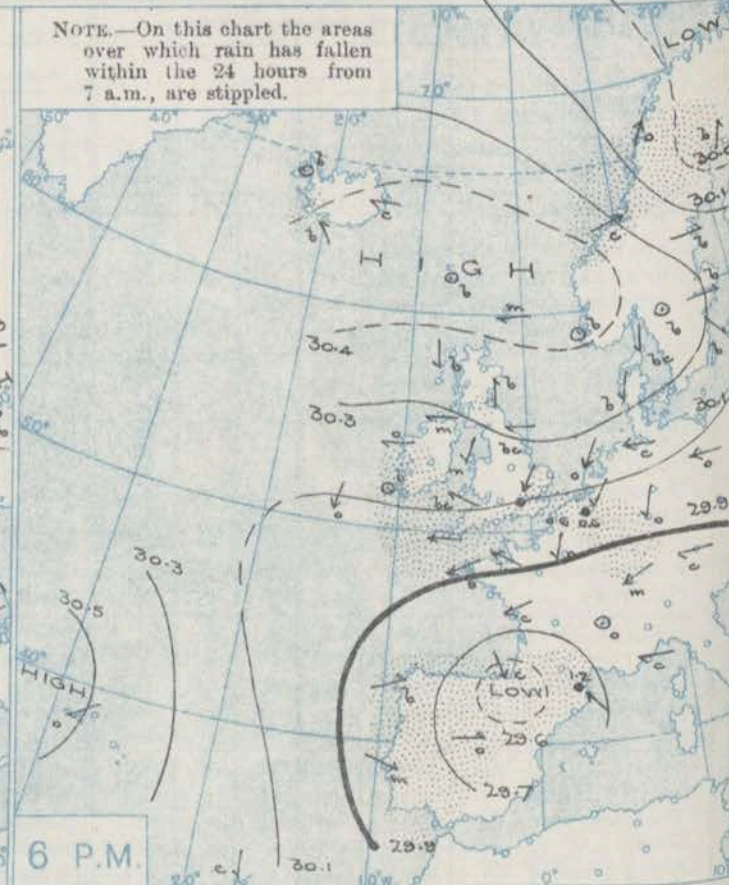
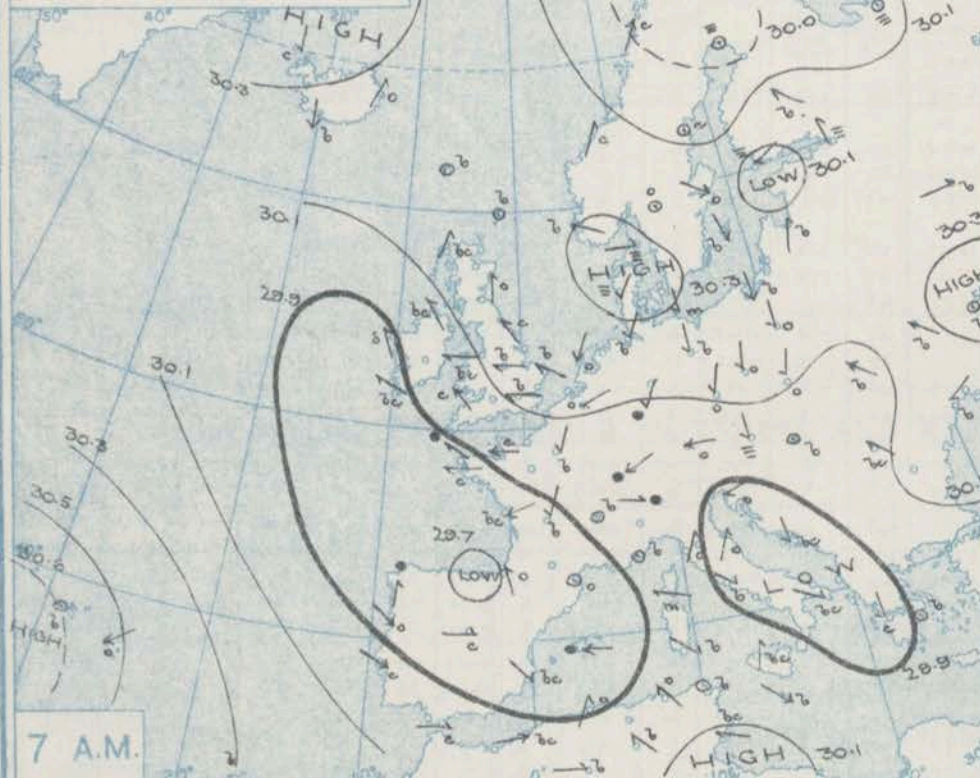
* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



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



GENERAL INFERENCE

WEATHER PROSPECTS.

The pressure distribution is likely to remain anticyclonic in the north and north-west

of the United Kingdom, and cyclonic over the greater part of England.

FORECASTS FOR THE 24 HOURS NOON

Friday

TO NOON Saturday.

- 0 { Light variable winds; mostly fair or fine, fog or mist locally; moderate or rather low temperature.
- 1 { Wind mainly Easterly or North-Easterly, light or moderate to fresh; fair to dull, some showers locally later; rather cool.
- 2 { Wind mainly North-Easterly, moderate to fresh or high; much cloud, some rain and mist;
- 3 { temperatures rather low and
- 4 { uniform.
- 5 {

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

North Cone hoisted at 7.10 p.m. in Districts 3 and 5

- 6 { Easterly or North-Easterly winds, light or moderate; fair or fine; moderate temperatures.
- 7 { Wind light to fresh, between East and North-East; variable sky, some rain locally; moderate or rather low temperature.
- 8 { Same as Nos. 3 to 5.
- 9 { Same as No. 6.
- 10 {

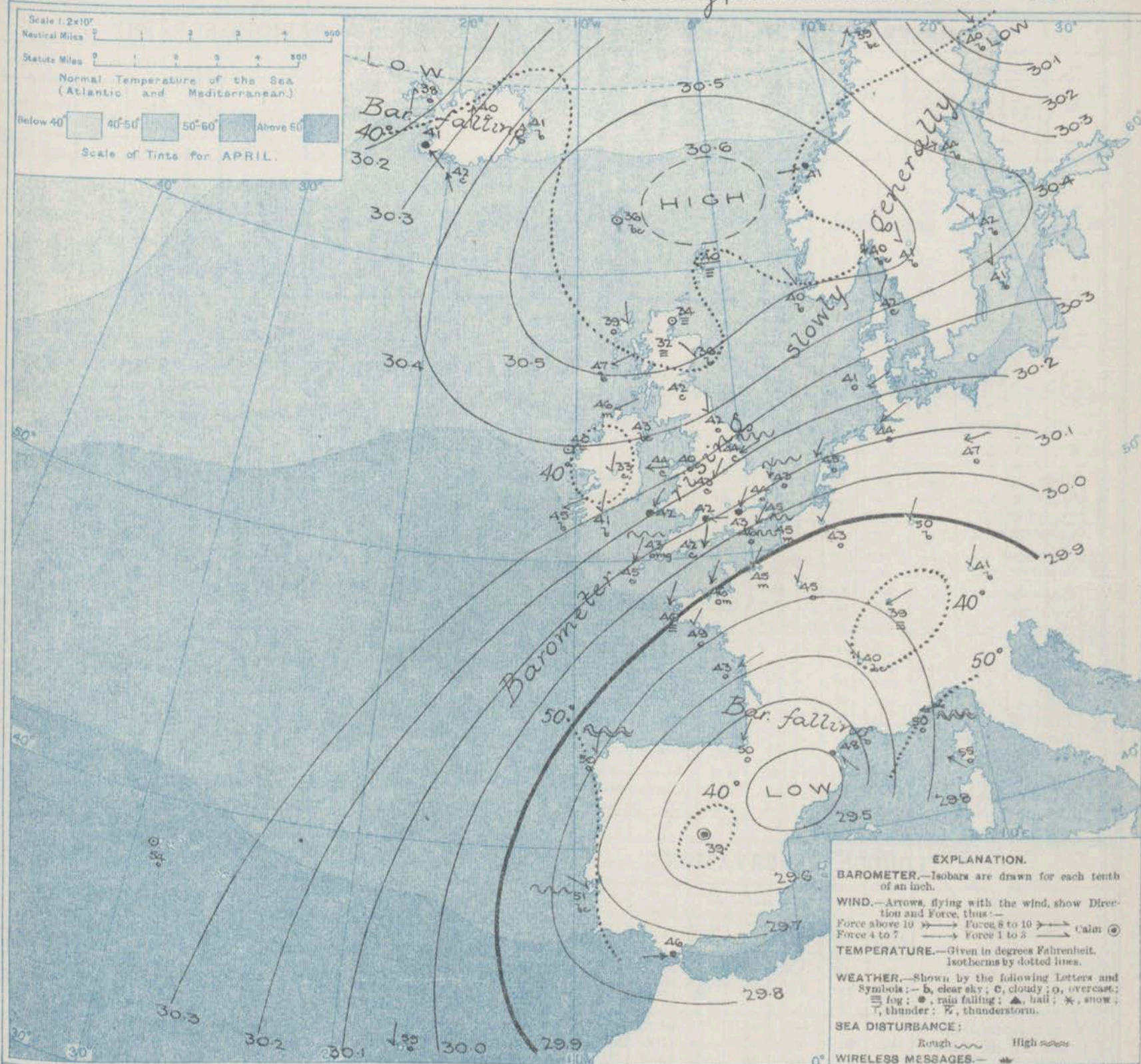
11 WESTERN CHANNEL AND BAY.

North-Easterly winds, moderate or fresh to high; sea rather rough; rain and mist at times.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Friday, 4th

APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.5 in. in an anticyclone having its maximum to the northward of Shetland and covering the northern half of Scotland and a considerable portion of Norway. To the southward the readings decrease to about 30 in. in the south-east of England, and to 29.5 in. in a depression having its minimum near Barcelona. At the Azores, the barometer has fallen, but is still above 30.3 in.

The wind is fresh or strong from the North-Eastward over the Channel and the southern portion of the North Sea, and moderate or fresh from that direction over the greater part of France.

At Bies, however, a gale from E. is reported. In Ireland and Scotland the wind is light, variable in direction in the north of the latter country. Temperature has fallen in most parts of these Islands, and now ranges from 45° or 46° at some southern stations, and 47° at Malin Head and Gaskilbay to 33° at Burr Castle, and to 32° at Naism. Much cloud prevails over England, the Netherlands, Denmark and France with rain at a few places in Southern England. In Ireland and Scotland there is little cloud, but mist is reported at Malin Head, + fog at Wick and Lerwick. In nearly all parts of Scandinavia the weather is bright.

DAILY WEATHER REPORT.

Friday, 4th April, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O- Outward. H- Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
3rd, 6 p.m.	51	14	Royal Edward	0	30.04	+0.11	NNE	6-7	c										

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

TEMPERATURE, WEATHER, & SUNSHINE.															
STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 5 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	0.04	56	41	bc	bc	4.4	England, S.E.	Margate	0.04	52	42	b. bc	c. or.	5.2
	Stonehaven						Ramsgate		0.05	49	42	"	"	5.4	
	St. Andrews	—	50	36	b	b	6.8		Deal	0.09	51	43	b. bc.	og. r.	5.6
	Carnoustie						Folkestone		0.13	52	43	bm.	or.	5.7	
Engl. N.E.	Harrogate	—	54	36	c. bc. b.	b. bc.	9.9	England, S.W.	Littlestone	"	"	"	"	6.2	
	Scarborough	"	52	36	c. b.	c. b.	10.0		Hastings	0.08	52	43	b	bc. or.	7.4
England, N.W.	Blackpool	0.02	56	38	m. c.	bc. m.	9.1		Bexhill-on-Sea	0.07	53	45	b	bc. d.	7.4
	Southport	0.01	56	39	c. bc. b.	c. b.	5.7		Eastbourne	0.03	52	44	b	bc. or.	8.9
	Buxton	0.20	52	31	bc	bc	9.1		Seaford	0.04	54	38	b	b. r.	8.3
	Matlock						Brighton		0.04	56	43	b. bc.	bc. or.	8.8	
	Douglas						Worthing		0.03	55	42	b. bc.	bc. or.	8.8	
Wales.	Rhyl	—	56	41			7.0		Littlehampton	0.01	"	"	"	"	7.9
	Colwyn Bay	—	57	41	bc. b.	b. bc.	7.0		Bognor						
	Llandudno	—	54	43	b	b	6.5		Southsea	0.02	57	44	b. bc.	b. bc. r.	9.4
	Bettws-y-Coed	"	56	38	b	b	7.6	Bournemouth	—	57	45	bc. b.	b. bc. c. o.	9.3	
England, E.	Aberystwyth	—	57	45	c. bc.	c. bm.	7.2	Weymouth	—	54	46	bc. b.	b	7.0	
	Lowestoft		48	42	bc. o.	c. c. o.	5.2	Teignmouth	0.03	52	47	b	b	8.0	
	Felixstowe	0.01	49	43	b. bc. q.	cdm. og.	6.1	Torquay	0.04	53	46	b	b	7.7	
	Walton-on-Naze	0.01	49	44	b	bc. or.	5.8	Paignton	—	53	45	c. bc.	bc. b.	5.7	
	Southend-on-Sea	0.03	52	43	b	bc. p.	5.3	Ilfracombe	0.01	52	45	bc. b.	b.	5.5	
								Weston-super-Mare	—	57	42	bc. b.	b		

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain- fall.	WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To-day.	In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.	
Greenwich (Royal Obs.) ...	51	82	55	40	39	0.15	b	b. bc. or. o.	8.3
City (Bunhill Row) ...	51	82	54	42	41	0.15	bc	bc. same.	6.8
Westminster (St. James's Pk.)	51	82	54	42	41	0.15	bc	bc. same.	7.1
Camden Sq. (Brit. Rainfall)	48	82	57	40	40	0.10	b. bc.	bc. or. or. c. o.	6.7
Hampstead (Reservoir) ...	*	85	52	39	36	0.15	bc	bc. or. or. c. o.	8.6
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.)			112.2 Joules.		13.7 Milliwatts.		60 Milliwatts.		6.4

Additional Observations for Yesterday.

STATIONS.	RAIN- FALL.	TEMPERATURE.		WEATHER.			Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
Dublin to 4 p.m.	0.11	54	44	42	or. c. b.	c. b.	b.
Plymouth to 9 p.m.							6.8
Darwen "	0.03	53	39	35	or. bc.	c. b.	bc.
Manchester "		57	43	*	or. bc.	bc.	bc. b.
Birmingham "	0.06	54	40	32	r. b.	bc.	b.
Oxford to 8 p.m.		55	42	34	c. b.	b.	bm. bc.
S. Kensington (Museum Grounds to 6 p.m.)	0.02	55	42	31	bc	bc.	c. or. or.

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to above 55° in many parts of Great Britain, but failed to touch 50° at a few eastern and northern stations. Bright sunshine was very prevalent, several localities recording about 10 hours. Rain was subsequently experienced over a considerable area in the south and east of England, as much as 0.4 in. at Dover. Heavy rain has fallen in a few parts of France and Belgium.

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

STATIONS.	Sunrise, Noon, Sunset.		
	G.M.T.	G.M.T.	G.M.T.
4th & 5th April, 1913.			
Yarmouth ...	5.24 5.21	11.56 11.56	6.29 6.31
Greenwich ...	5.32 5.30	12.3 12.3	6.35 6.37
Wick ...	5.35 5.32	12.15 12.15	6.56 6.59
Valencia ...	6.13 6.11	12.44 12.44	7.16 7.17

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,
5th April, 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		Weather.	BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.		Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).	Weather.	Max.			Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.					
Spitzbergen ...	24.84	28	SE	2	o	24.82	0.0	25	-4	-	0	o	*	-	30	21	*	*	*	*	*			
Lerwick ...	In.					In.	In.							In.							Hours			
Stornoway ...	30.61	44	-	0	bc	30.53	-0.4	36	-4	WNW	1	f	1	-	46	35	bc	f bc	bc f	*				
Castlebay (Barra Isd.) ...	30.54	44	ENE	2	o	30.53	-0.1	35	-4	NE	1	c	1	-	55	33	of	o c of	o c of	2.7				
Malin Head ...	30.50	52	N	3	by	30.45	0.0	47	0	NE	4	b	3	-	56	42	by	by	bm b	11.0				
Blackod Point ...	30.42	48	NE	3	by	30.36	-0.1	44	-2	E	4	bc	3	-	52	42	bm	bm	bcg	*				
Valencia ...	30.34	50	NNE	5	bc	30.28	-0.2	44	+4	NE	5	c	4	trace	53	39	b	cm	bc	*				
Roche's Point ...	30.21	53	NNE	4	cy	30.11	-0.2	44	-1	ENE	5	bcg	4	-	55	43	bc	bcg	bcg	9.3				
Birr Castle ...	30.19	49	NE	4	r	30.10		45	+4	NE	2	c	2	0.03	54	41	bc	c o g p	p o g c	*				
Donaghadee ...	30.26	51	E	4	c	30.19		40	+7	NE	1	c	*	-	56	32	bc	bc	bc	10.7				
Liverpool Obsy. ...	30.36	48	N	4	c	30.33	-0.1	42	-1	N	4	bc	4	-	50	42	bm	bc	bm					
Holyhead ...	30.19	48	NE	5	bc	30.15	-0.3	42	+2	NE	4	b	4	-	55	40	bm	bm	bc	4.9				
Pembroke (St. Ann's Hd.)	30.21	48	NE	6	m	30.13	-0.1	46	+2	NE	6	m	5	-	48	44	bm	bm	bm	8.0				
Newquay ...	30.05	47	ENE	3	c	24.97	-0.3	45	+3	NE	4	c	3	0.02	52	41	c g p	c g p	eg	0.0				
Scilly (St. Mary's) ...	24.96	49	NNE	3	cy	24.91	0.0	45	+2	NE	4	om	?	0.01	51	43	og	c o t o g	c	0.5				
Jersey (St. Aubin) ...	24.97	49	NNE	5	omp	24.90	-0.1	47	+2	ENE	4	om	5	0.01	50	43	omp	omp	om	0.0				
Portland Bill ...	24.85	48	NE	5	ome	24.76		47	+1	NE	5	omd	4	trace	49	46	ome	ome	ome	0.0				
Dungeness ...	24.93	50	NE	6	c	24.82	-0.3	45	+3	NE	6	o	5	0.04	52	42	cp	c	cp o	*				
Dover ...	24.84	49	NNE	7	og	24.75	-0.3	46	0	NE	7	og	6	-	49	45	og	og	og	*				
Wick ...	24.90	47	ENE	5	o	24.80		44	-1	NNE	6	o	6	-	47	44	o	oe	o	0.0				
Nairn ...	30.59	39	-	0	o	30.55	-0.1	37	+3	-	0	o	2	trace	45	33	f	f o	f o	*				
Aberdeen ...	30.56	40	ENE	2	m	30.53		38	+6	-	0	c	1	-	44	31	m	m	m c	0.2				
Leith ...	30.55	44	NNE	3	b	30.49	-0.1	41	+5	N	2	b	2	-	47	35	bf m k	b	b	6.6				
North Shields ...	30.46	44	NE	3	b	30.39	-0.1	40	-2	NE	3	bc	*	-	47	39	c bc	bc b	b	*				
Spurn Head ...	30.40	42	ENE	2	o	30.31	-0.1	44	+2	NNE	4	b	5	-	49	36	c	c	c	2.7				
Yarmouth ...	30.14	45	ENE	7	o	30.07	-0.3	45	+1	ENE	7	cy	6	trace	49	42	bcg	eg o	eg	2.1				
Clacton-on-Sea ...	30.06	45	NNE	5	o	24.96	-0.2	43	0	NNE	6	o	6	-	46	42	o	o	o	0.6				
Nottingham ...	24.98	46	NNE	5	o	24.87	-0.3	44	0	NE	5	o	4	-	48	44	c g m	c g m	og b o	0.5				
Bath ...	30.14	46	NE	6	o	30.06		45	+2	NE	6	o		-	50	42	c o	o	o	0.5				
London (Kew Obsy.) ...	30.02	50	E	6	og	24.94		45	+3	E	3	o	*	-	54	42	-	-	-	3.7				
Isafjord ...	24.99	48	NE	5	o	24.89	-0.1	44	+1	NE	6	om		0.01	51	43	om o	o	om o	0.1				
Reykjavik ...	24.99	50	S	6	bc	30.32	+1.1	38	0	-	0	b		-										
Vestmanna ...	30.19	42	SE	5	r	30.36	+0.4	41	0	E	3	o		-										
Seydisfjord ...	30.37	43	-	0	r	30.41	+0.2	43	+1	SW	1	f	1	-										
Thorshavn ...	30.20	50	N	4	c	30.29	+0.3	51	+10	SSW	3	b		-										
Haparanda ...	30.58	47	WSW	2	c	30.47	-0.2	45	+9	WSW	4	c		-										
Hernösand ...	30.28	34	N	2	o	30.12	-0.7	31	-9	S	2	c		0.04	43	23								
Stockholm ...	30.45	41	-	0	b	30.35	-0.5	36	-8	-	0	b		-	48	34								
Wisby ...	30.44	42	N	2	b	30.41	-0.3	38	-4	NNE	2	b		-	52	32								
Karlstad ...	30.40	38	NNE	2	b	30.38	0.0	40	-1	ENE	2	b		-	46	32								
Färder (X'ania Fjord)	30.48	41	-	0	b	30.45	0.0	36	-5	-	0	b		-	54	30								
Bodö ...	30.47	44	NNE	2	b	30.44	-0.2	39	-1	NNE	4	b		-	48	37								
Christiansund ...	30.39	37	SSW	2	c	30.02	-1.4	37	-2	SSW	6	r	1	-	48	37								
Skudesnaes ...	30.57	41	WSW	1	o	30.40	-0.1	40	-1	SW	2	o	4	0.12	41	36								
The Scaw (Skagen) ...	30.50	45	-	0	b	30.45	-0.3	41	+1	E	2	b	2	0.04	45	37								
Blaavands Huk ...	30.43	45	E	3	b	30.41	-0.1	42	0	ENE	3	b	1	-	48	39								
Cuxhaven ...	30.29	45	NE	3	b	30.24	-0.1	43	+2	ENE	4	b	2	-	57	37								
The Helder ...	30.15	43	ENE	6	o	30.06	-0.4	41	-3	ENE	6	b		-	52	39								
Brussels ...	30.04	47	NE	7	o	24.97	-0.1	43	-2	NE	7	o	4	-	48	43								
Berlin ...	24.83	50	NE	4	b	24.73	-0.1	43	0	NE	5	o		-	61	42								
Frankfurt ...	30.03	54	NE	3	b	30.02	0.0	44	-3	E	4	o		-	59	41								
Munich ...	24.80	52	NE	4	b	24.67	-0.2	50	0	NE	3	b		-	66	45								
C. Gris Nez ...	24.75	48	E	2	b	24.62	-0.4	44	+3	E	5	o		-	61	37								
La Hève ...	24.86	46	NE	7	b	24.76	-0.1	45	0	NE	7	m	5	-	66	45								
Brest (St. Mathieu) ...	24.82	45	NE	3	b	24.67		45	0	NE	4	m	3	-	50	41								
Lorient (Bec Meleu) ...	24.87	46	NE	4	b	24.78	-0.1	46	0	NE	4	m	2	-	46	45								
Rochefort (Ile d'Als)	24.73	50	NE	5	c	24.67		50	+1	NNE	4	m	2	-	55	41								
Biarritz ...	24.63	55	NE	4	c	24.59	-0.1	49	+6	N	4	m	*	-	63	43								
Paris ...	24.57	49	E	1	r	24.63	+0.1	49	-6	WSW	3	fl	3	0.16	55	45								
Belfort ...	24.72	52	NNE	1	b	24.60	+0.1	48	+3	N	4	o		-	55	44								
Lyons ...	24.73	58	ENE	5	m	24.59		45	+6	-	0	o		-	59	39								
Nice ...	24.62	48	NNE	2	o	24.58		46	+6	SSW	4	o		-	53	40								
Perpignan ...	24.64	46	E	1	r	24.71	+0.2	44	-6	-	0	o	5	1.10	50	39								
Sanguinaire ...	24.55	48	NE	3	o	24.60	+0.2	45	-3	SW	1	o	*	0.35	58	42								
Corunna (8 a.m.) ...	24.80	48	SSW	5	o	24.82		50	-5	S	5	c		-	?	?								
Lisbon (9 a.m.) ...																								
Gibraltar ...	24.76	53	N	4	c	24.78		52	+6	N	5	r	4	0.14	62	46								
Azores (P. Delgada)																								
Azores (Horta) ...	30.21	52	NW	3	o	30.08	-0.2	55	+1	S	1	o												

GALES.

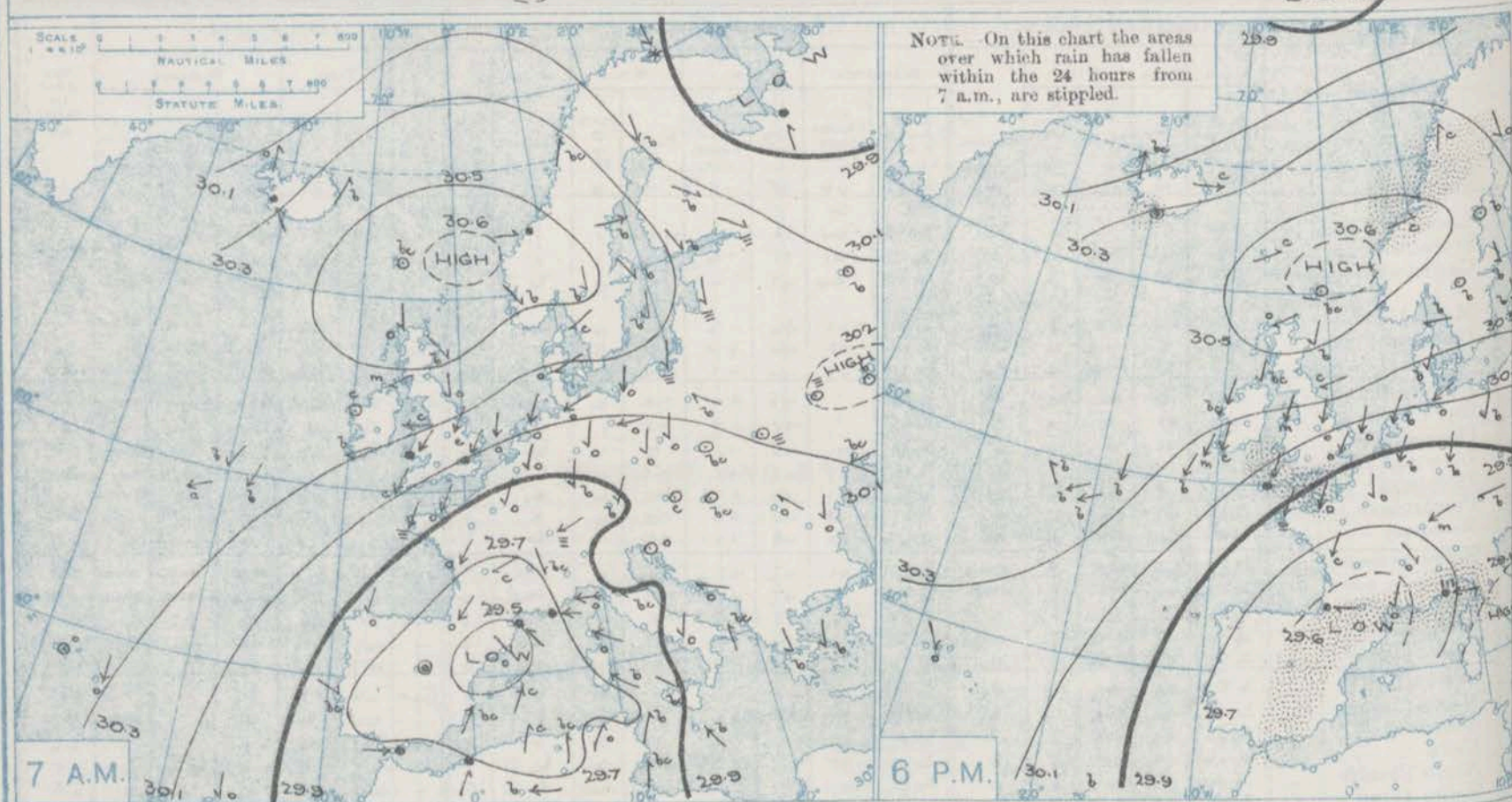
Duration and Extreme Force
on British Coasts.

Dungeness. 5th, 7 a.m.
Squalls NE. 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. 4TH APRIL.



GENERAL INFERENCE

The changes in barometric pressure appear too slight to bring about any important modification in the general condition of

WEATHER PROSPECTS.

the winds and weather during the ensuing twenty-four hours.

FORECASTS FOR THE 24 HOURS NOON

- 0 {
a } Wind mainly Easterly or
b } North-Easterly, light; fair
1 } or fine generally; temperature
changing little.

- 2 {
a } Wind mainly North-Easterly,
b } fresh or strong to high; cloudy
3 } or dull generally, some
4 {
a } rain and mist in places;
b } temperatures rather low.
5 }

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

North Cone re-hoisted at 7.5 p.m. in 2b, 3 and 5, and hoisted in 2a, 7, 8 and 11.

Saturday TO NOON Sunday.

Same as Nos. 0 and 1.

6 {
a }
b }

7 {
a }
b }

8 {
a }
b }

9 {
a }
b }

10 {
a }
b }

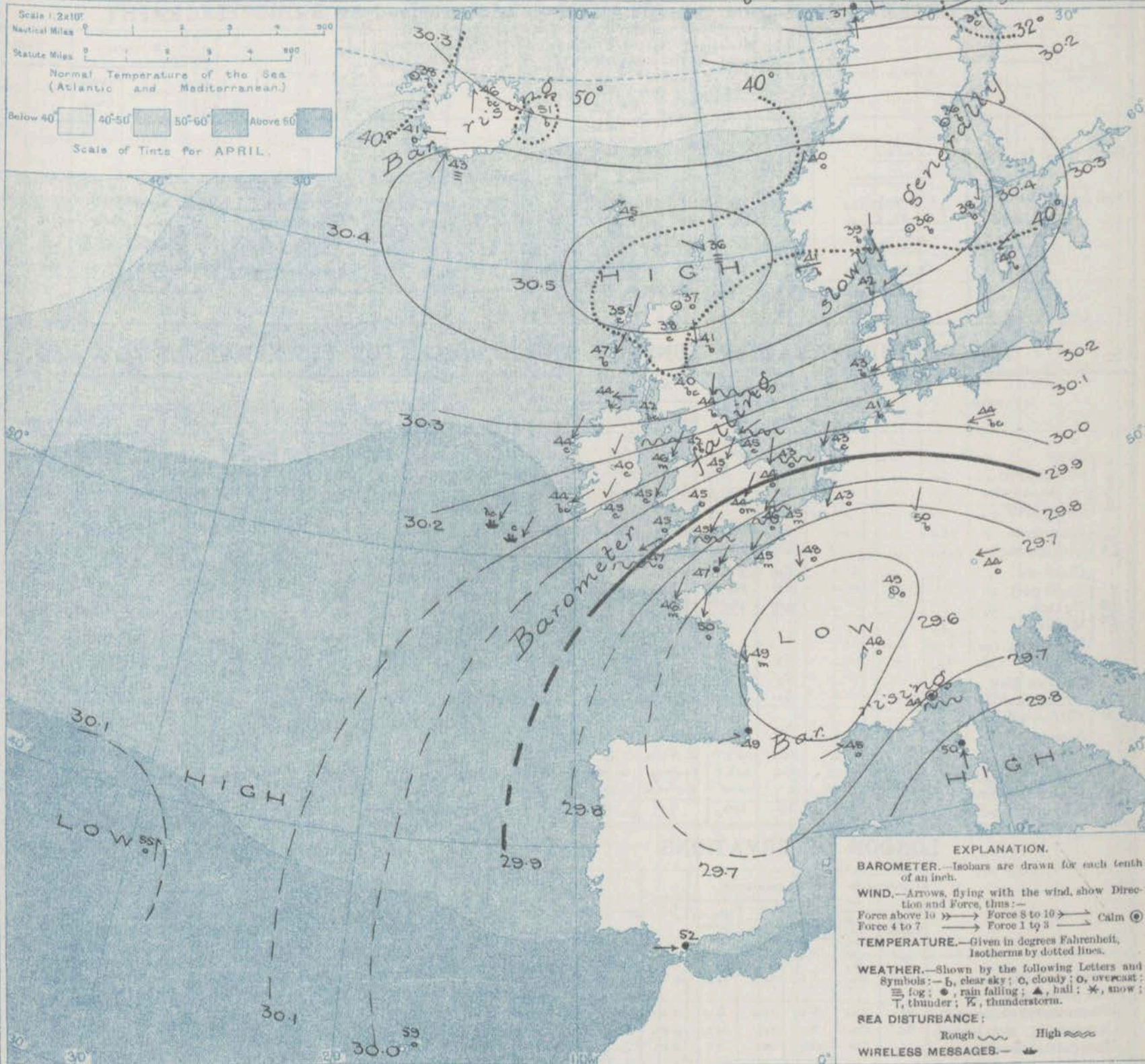
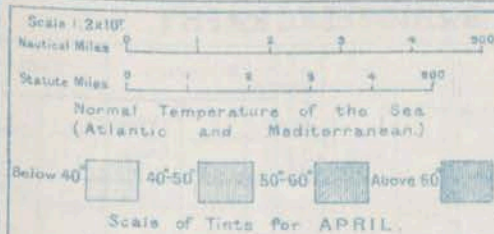
11

WESTERN CHANNEL AND BAY.

North-Easterly winds, fresh to high; sea rather rough; much cloud; some rain and mist.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Saturday, 5th APRIL 1913.



EXPLANATION.
BAROMETER.—Isobars are drawn for each tenth of an inch.
WIND.—Arrows, flying with the wind, show Direction and Force, thus:—
Force above 10 → Force 8 to 10 → Calm ☉
Force 4 to 7 → Force 1 to 3 →
TEMPERATURE.—Given in degrees Fahrenheit, Isotherms by dotted lines.
WEATHER.—Shown by the following Letters and Symbols:—b, clear sky; c, cloudy; o, overcast; f, fog; r, rain falling; h, hail; s, snow; T, thunder; Ts, thunderstorm.
SEA DISTURBANCE:
Rough ~~~~~ High ~~~~~
WIRELESS MESSAGES.—

NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.5 in an anticyclone having its maximum over Shetland and the north of Scotland, and below 29.6 in a depression covering the greater part of France and extending to Bavaria.

Fresh to high winds from the North-eastward are reported over England, light to fresh breezes from that point in Ireland, and light breezes in Scotland; the Northerly and North-easterly current prevalent in France is light

to fresh. Temperature has undergone little change as a whole, and varies over the United Kingdom from 47° at Scilly and Castletown to a little below 40° in the north of Scotland. Rain is falling at Jersey, Biarritz, Nice, Sanguinaires and Gibraltar, and much cloud is reported in most parts of England and France. In Germany, over the northern regions of the Continent, and also over Scotland, Ireland and the north of England the weather is mostly fair to bright.

DAILY WEATHER REPORT.

Saturday, 5th April, 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.	
Sub. 7am	50	14	Baltic	O	?	?	NE	4-5	bc.										
" "	50	13	Barmenia	H	30.11	-0.04	NE	4-5	c.	4th. 7am	48	24	Lake Michigan	H	30.39	-0.01	E	1-3	m
4th. 6pm	49	23	Olympic	O	30.14	+0.01	SE	1-3	b.	" "	48	24	Barmenia	H	30.40	+0.01	-	0	c
" "	48	21	Lake Michigan	H	30.32	-0.03	ESE	4-5	b.	" "	48	23	Montrose	H	30.42	-0.01	ESE	4-5	c
" "	48	20	Montrose	H	30.35	-0.01	ESE	4-5	b.	" "	50	20	Royal Edward	O	30.32	+0.03	NE	1-3	b
" "	49	18	Barmenia	H	30.36	-0.03	NNE	4-5	b.	" "	49	18	Virginian	H	30.33	+0.02	NE	4-5	b
" "	51	12	Teutonic	H	30.21	-0.08	NE	4-5	m	" "	50	17	Teutonic	H	30.32	+0.01	N	4-5	b

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

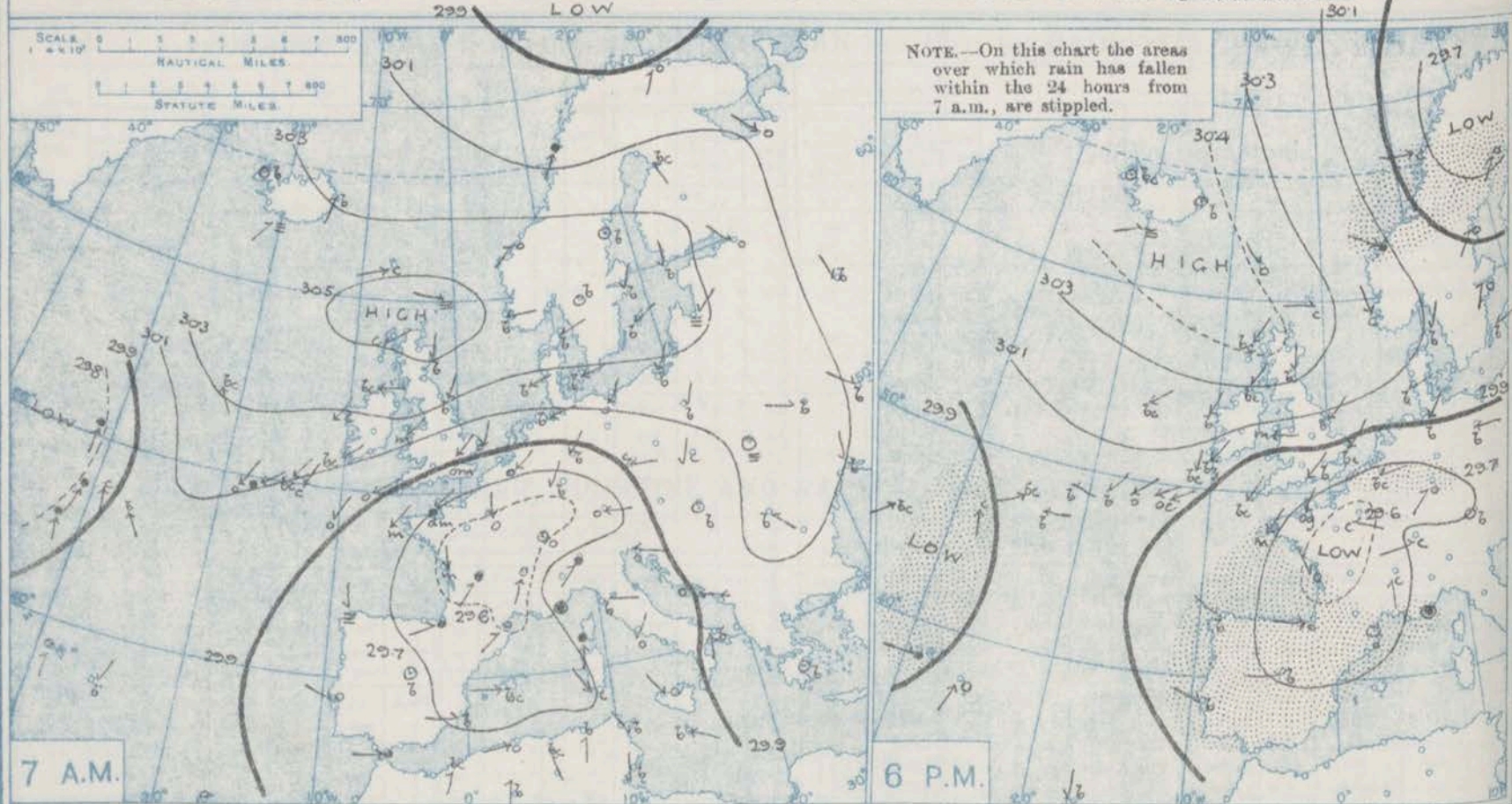
STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	In.	59	35	bg	bg	9.0	England, S.E.	Margate	In.	48	44	og	og	0.0
	Stonehaven	"	46	32	b	b	7.7		Ramsgate	"	47	43	"	"	0.0
	St. Andrews	"	"	"	"	"	"		Deal	"	48	44	r.og	og	0.0
	Carnoustie	"	"	"	"	"	"		Folkestone	"	48	44	om	om	0.0
Engl. N.E.	Harrogate	"	51	36	c-bc.b	b-bc.	4.0	England, S.E.	Littlestone	"	"	"	"	"	0.0
	Scarborough	"	48	42	o	o	0.2		Hastings	"	48	43	of	o	0.0
England, N.W.	Blackpool	"	54	37	o.c.	og	0.5	England, S.E.	Bexhill-on-Sea	"	49	43	og	og	0.0
	Southport	"	55	36	o-bc	b-bc.	3.3		Eastbourne	"	49	43	o-bc	og	0.0
	Buxton	"	49	36	bc.	bc.	7.0		Seaford	"	50	41	o.c.	o.	1.0
	Matlock	"	"	"	"	"	"		Brighton	"	51	42	o.c.	c-bc.c.o.	3.1
Wales.	Douglas	"	"	"	"	"	"	England, S.W.	Worthing	"	53	39	o-bc.	c.o.	2.0
	Rhyl	"	53	40	"	"	5.6		Littlehampton	"	"	"	"	"	0.9
	Colwyn Bay	"	50	42	b-bc.	bc.	5.4		Bognor	"	"	"	"	"	2.5
	Llandudno	"	50	41	bc.	bc.c.o.	4.2		Southsea	"	54	41	o.c.	c-bc.o.	3.2
England, E.	Bettws-y-Coed	"	"	"	"	"	"	England, S.W.	Bournemouth	"	56	41	o.c.	c.o.	1.7
	Aberystwyth	"	54	43	o.c.o	o.c.	0.7		Weymouth	"	53	41	bc.	o.	0.0
	Lowestoft	"	46	43	c.o.c.g	o.	0.7		Teignmouth	"	52	41	op	c.	0.0
	Felixstowe	0.15	49	42	cm.og	m.og	0.3		Torquay	"	51	42	op	op	0.0
England, E.	Walton-on-Naze	0.19	47	44	r.o-bc.b	om	0.7	England, S.W.	Paignton	"	51	42	od.r	rc	2.5
	Southend-on-Sea	0.22	50	40	o	o	0.1		Ilfracombe	"	51	43	op.c	c-bc.b.h	5.3

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday
6th April, 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.		Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.					
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	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.																							
Spitzbergen	29.92	23	NW	2	b	29.91	-0.01	17	-5	-	0	b	-	-	-	35	12	-	-	-	-		
Lerwick	30.37	46	W	3	c	30.22	-0.15	41	+5	N	5	0	4	-	46	35	from	cm	og	-			
Stornoway	30.42	46	NE	4	bc	30.26	-0.16	45	+10	NE	4	c	3	-	49	35	bc	bc	og	6.8			
Castlebay (Barra Isd.)	30.33	51	NNE	4	by	30.24	-0.09	46	-1	NNE	4	0	3	-	56	44	bc	bc	og	11.3			
Malin Head	30.26	47	NE	2	bc	30.17	-0.09	44	0	E	1	b	1	-	49	42	bc	bc	og	-			
Blacksod Point	30.13	49	NE	5	b	30.13	-0.02	44	0	NE	3	b	2	Trace	52	41	bc	bc	og	-			
Valencia	30.02	53	NE	5	by	30.02	+0.02	42	-2	NE	3	by	3	-	56	41	bc	bc	og	10.2			
Roche's Point	29.99	53	ENE	4	b	29.98	-	42	-2	NNE	3	b	4	-	56	40	c	b	b	-			
Birr Castle	30.07	50	E	4	bc	30.07	-	38	-5	NE	2	b	0	-	55	36	bc	bc	bc	10.8			
Donaghadee	30.20	49	NNE	4	b	30.14	-0.06	42	0	NNE	4	b	4	-	50	41	bc	b	bc	-			
Liverpool Obsy.	30.05	42	NE	5	a	30.02	-0.03	40	-2	NNE	4	b	2	-	55	38	bc	bc	b	6.1			
Holyhead	30.06	48	E	6	m	30.01	-0.05	43	-3	E	6	m	5	-	50	43	bc	bc	bc	9.0			
Pembroke (St. Ann's Hd.)	29.97	52	ENE	5	bc	29.98	+0.01	45	-2	NE	6	by	4	-	58	41	bc	bc	bc	7.9			
Newquay	29.73	51	N	4	b	29.68	-0.05	45	0	NNE	3	bc	5	-	56	43	og	by	b	4.9			
Scilly (St. Mary's)	29.73	50	NE	4	bc	29.79	+0.06	46	-1	ENE	4	cm	4	-	52	44	cm	bc	bc	3.4			
Jersey (St. Aubin)	29.69	48	NE	4	og	29.69	-	47	0	NE	4	og	4	Trace	50	46	bc	bc	bc	0.2			
Portland Bill	29.74	50	NNE	6	bc	29.73	-0.01	44	-1	NNE	7	c	4	-	54	43	bc	bc	b, bc	-			
Dungeness	29.67	49	NE	6	og	29.65	-0.02	46	0	NNE	6	og	4	0.01	50	45	og	og	og	-			
Dover	29.74	46	NE	6	c	29.69	-0.05	45	+1	NNE	6	c	6	0.02	48	43	og	c	og	0.7			
Wick	30.40	41	E	1	bc	30.21	-0.19	43	+6	NNE	3	0	3	Trace	46	37	og	c, bc	og	-			
Nairn	30.40	42	NE	1	bc	30.22	-	40	+2	-	0	c	1	-	46	33	b, bc	b	og	8.2			
Aberdeen	30.36	44	N	2	b	30.16	-0.20	44	+2	NNW	4	0	2	-	49	38	b, bc	b	og	11.0			
Leith	30.30	44	NE	3	b	30.14	-0.16	41	+1	NW	1	0	2	-	48	38	b	b	bc	-			
North Shields	30.22	44	N	4	bc	30.09	-0.13	42	-2	N	3	0	4	-	50	38	bc	bc	0	9.4			
Spurn Head	29.98	44	NE	7	b	29.92	-0.06	42	-3	N	7	og	6	-	49	40	og	bc	og	7.6			
Yarmouth	29.86	46	NE	6	bc	29.80	-0.06	44	+1	N	5	bc	6	-	47	43	og	bc	bc	6.1			
Clacton-on-Sea	29.79	46	NNE	5	0	29.74	-0.05	44	0	NNE	4	bc	4	-	49	44	og	og	og	3.4			
Nottingham	29.98	45	NE	6	c	29.94	-0.04	48	-5	NE	6	b	4	-	51	38	og	og	og	7.6			
Bath	29.84	52	NE	4	c	29.84	-	44	-1	NE	7	b	4	-	57	42	-	-	-	6.3			
London (Kew Obsy.)	29.80	50	NE	4	b	29.79	-0.01	43	-1	NE	4	0	4	-	55	43	b, bc	bc	c, o	4.0			
ICELAND & FAEROE.																							
Isafjord	30.40	43	-	0	bc	30.36	-0.04	40	+2	-	0	c	1	-	-	-	-	-	-	-			
Reykjavik	30.45	45	SE	2	0	30.37	-0.08	41	0	-	0	f	1	-	-	-	-	-	-	-			
Vestmanna	30.47	46	WSW	1	f	30.42	-0.05	42	-1	-	0	f	0	-	-	-	-	-	-	-			
Seydisfjord	30.46	58	-	0	b	30.34	-0.12	44	-7	-	0	b	1	-	-	-	-	-	-	-			
Thorshavn	30.40	53	NW	2	c	30.35	-0.05	39	-6	-	0	b	1	-	-	-	-	-	-	-			
SCANDINAVIA.																							
Haparanda	29.67	35	SW	2	0	29.67	+0.00	34	+3	NE	2	0	1	0.04	27	27	-	-	-	-			
Hernösand	29.85	41	SW	2	0	29.70	-0.15	38	+2	NW	4	b	1	-	45	36	-	-	-	-			
Stockholm	30.06	42	SSW	1	0	29.75	-0.31	41	+3	WNW	2	0	1	-	50	37	-	-	-	-			
Wisby	30.11	36	ENE	2	0	29.81	-0.30	40	0	SW	2	c	1	-	43	34	-	-	-	-			
Karlstad	30.06	42	-	0	0	29.82	-0.24	40	+4	NE	2	bc	1	-	50	34	-	-	-	-			
Färder (X'ania Fjord)	30.10	41	SW	2	0	29.84	-0.26	39	0	NNE	4	b	1	-	45	37	-	-	-	-			
Bodö	29.71	37	W	5	c	29.86	+0.15	33	-4	SSW	4	0	2	?	39	32	-	-	-	-			
Christiansund	30.14	41	WNW	4	r	30.10	-0.04	36	-4	NNW	2	r	3	0.20	43	34	-	-	-	-			
Skudesnaes	30.26	41	NNW	6	c	29.93	-0.33	41	0	NNW	6	c	2	-	50	39	-	-	-	-			
The Scaw (Slagen)	30.10	41	NNE	1	b	29.84	-0.26	40	-2	SW	1	bc	1	-	46	39	-	-	-	-			
Blaavands Huk	30.08	41	ENE	2	b	29.84	-0.24	42	-1	NNE	1	r	1	-	55	30	-	-	-	-			
GERMANY, &c.																							
Cuxhaven	30.04	42	NE	6	b	29.73	-0.31	39	-2	NE	3	f	1	-	50	39	-	-	-	-			
The Helder	29.84	47	NE	7	b	29.73	-0.11	45	+2	NNE	7	f	6	-	48	43	-	-	-	-			
Brussels	29.66	53	ENE	1	bc	29.62	+0.04	45	-2	NW	1	r	1	0.32	41	43	-	-	-	-			
Berlin	29.86	57	E	5	b	29.65	-0.21	48	+4	E	2	bc	1	-	63	44	-	-	-	-			
Frankfurt	29.63	49	SW	1	0	29.66	+0.03	44	-6	-	0	bc	1	0.20	64	43	-	-	-	-			
Munich	29.70	46	-	0	b	29.62	-0.08	41	-3	W	3	c	1	-	63	36	-	-	-	-			
FRANCE.																							
C. Gris Nez	29.66	47	NE	7	m	29.66	-	48	0	NE	7	r	6	0.08	52	45	-	-	-	-			
La Hève	29.63	44	NE	4	m	29.60	-0.03	45	0	NNE	4	r	3	-	50	41	-	-	-	-			
Brest (St. Mathieu)	29.75	49	NE	4	m	29.75	+0.00	47	+1	NNE	3	m	2	0.04	49	45	-	-	-	-			
Lorient (Bec Meien)	29.65	45	NNE	5	0	29.58	-0.07	50	0	NE	4	0	2	-	55	45	-	-	-	-			
Rochefort (Ile d' Aix)	29.57	51	NNW	3	0	29.57	-0.02	47	-2	N	3	0	1	0.08	55	46	-	-	-	-			
Biarritz	29.67	53	W	4	0	29.67	+0.00	50	+1	WSW	4	r	4	0.12	44	46	-	-	-	-			
Paris	29.60	55	ESE	2	0	29.61	+0.01	42	-6	NNE	2	0	1	-	60	40	-	-	-				

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



GENERAL INFERENCE

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

0 {
a
b

1

2 {
a
b

3

4 {
a
b

5

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday. Signals hoisted this morning.

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

NO WARNINGS
ISSUED.

6 {
a
b

7 {
a
b

8 {
a
b

9 {
a
b

10 {
a
b

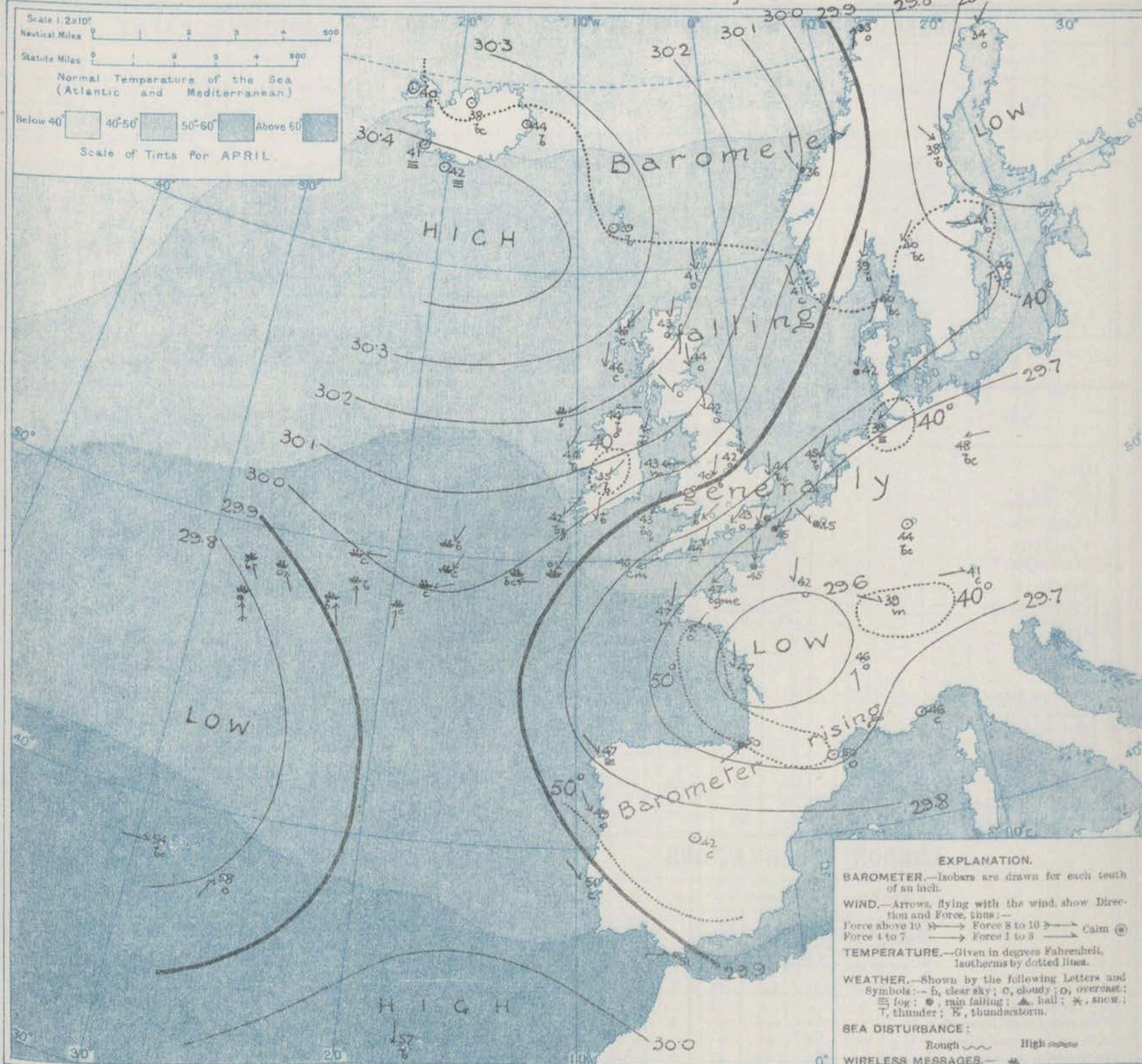
11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

None Issued

None Issued

SYNOPTIC CHART FOR 7 A.M. SUNDAY, 6TH APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

In an anticyclone centred off the south of Ireland the barometer is below 30.4 in.; in a depression over central France it is below 29.6 in., and in another over Finland below 29.7 in. The gradient is decreasing.

Calms prevail over Ireland and in the south of France, North Easterly to Northerly breezes over the rest of our area, strong or high in force in many parts of England and on the North Sea, mostly light elsewhere. At the home stations temperature ranges from 35° at Birn Castle to 47° at Jersey; on the Continent from 39° at Belfast

and Cuxhaven to 51° at Lisbon and Gibraltar; in Scandinavia from 33° at Bodø to 41° at Stockholm and Skudenes; and in Iceland from 38° to 44°. Fair to very fine clear weather prevails extensively, but rain is falling about the Straits of Dover, at Christiansund and Blaavands Huk. The atmosphere is foggy along the south of Iceland and on Heligoland Bay. The sea is rough to rather rough on various sections of the English coasts and along the Dutch coast.

DAILY WEATHER REPORT.

Sunday, 6th April, 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.	
Sub. b.p.m.	45	36	Olympic	O	29.36	-0.04	SW	4-5	bc	Sub. b.p.m.	51	11	Corsican	O	30.05	-0.04	NNE	4-5	bc
"	46	27	Plunket	H	29.89	+0.01	SSE	6-7	c	"	50	31	Royal Edward	O	29.80	-0.02	S	6-7	c
"	48	25	Plunket	H	29.93	-0.01	WSW	4-5	bc	"	45	31	Plunket	H	29.86	-0.01	SSE	6-7	c
"	48	22	Island	H	30.05	-0.01	E	4-5	b	"	47	30	Olympic	O	30.05	-0.02	SSW	4-5	c
"	49	21	Baltic	O	30.04	-0.02	ESE	1-3	b	"	48	28	Montcalm	H	29.95	-0.02	SSE	6-7	c
"	49	18	Plunket	O	30.07	+0.01	NE	1-3	b	"	47	26	Island	H	30.09	-0.02	SE	6-7	bc
"	54	16	Columbia	H	30.22	0.00	NE	4-5	bc	"	53	21	Columbia	H	30.31	-0.02	SE	4-5	bc
"	49	15	Sake Michigan	H	30.03	-0.05	ENE	4-5	o	"	49	18	Sake Michigan	H	30.11	-0.08	NE	4-5	o
"	48	15	Aescania	O	30.07	+0.03	N	1-3	bc	"	49	17	Montrose	H	30.11	-0.06	ENE	6-7	c
"	49	13	Montrose	H	30.03	-0.02	ENE	4-5	o	"	48	12	Aescania	O	30.01	-0.01	NE	1-3	o
"	49	12	Barquette	O	29.97	0.00	ENE	4-5	c										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.					Hr.	England, S.E.		In.					Hr.
{ Oban ...								{ Margate ...			49	44	og	og	2.3
{ Stonehaven ...								{ Ramsgate ...			48	43			1.6
{ St. Andrews ...								{ Deal ...			49	44	o bc.	c.	1.6
{ Carnoustie ...								{ Folkestone ...			49	44	om bc.	b bc.	2.5
{ Harrogate ...			51	37	b bc.	bc b bc.	6.3	{ Littlestone ...							1.4
{ Scarborough ...								{ Hastings ...			49	44	o	bc.	0.3
{ Blackpool ...			58	42	bc.	b.	9.8	{ Bexhill-on-Sea ...			50	45	gc	cg c.	0.0
{ Southport ...			55	41	c b.	bc b.	9.8	{ Eastbourne ...			50	44	og	o b.	0.0
{ Buxton ...			48	39	bc.	bc.	6.4	{ Seaford ...			48	44	o	o b.	0.7
{ Matlock ...								{ Brighton ...			52	45	o c o c.	o c b c.	4.4
{ Douglas ...								{ Worthing ...			53	44	c	c	4.7
{ Rhyl ...								{ Littlehampton ...							
{ Colwyn Bay ...			51	43	bc.	bc.	7.7	{ Bognor ...							
{ Llandudno ...								{ Southsea ...							
{ Bettws-y-Coed ...								{ Bournemouth ...			56	43	o c b c.	bc o.	6.7
{ Aberystwyth ...			57	46	c b.	b.	10.5	{ Weymouth ...			56	44	bc	bc.	8.0
{ Lowestoft ...								{ Teignmouth ...			58	45	c b c b.	b.	6.2
{ Felixstowe ...			49	43	cm q.	c b m q.	3.6	{ Torquay ...		0.01	58	45			6.0
{ Walton-on-Naze ...			47	43	o bc.	bc b.	2.0	{ Paignton ...			58	42	c b.	bc.	8.6
{ Southend-on-Sea ...		0.02	51	42	o	b.	4.8	{ Ilfracombe ...		0.01	54	45	bc	bc b.	
								{ Weston-super-Mare ...							

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.	STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.	
	1 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.			
			Max.	Min.		Max.												Min.		
			24 HOURS ENDED 9 A.M. TO-DAY.																	
Greenwich (Royal Obs.) ...	72	67	53	43	42	-	o	o.c.	bc.b.	3.3	Dublin to 4 p.m.	-	53	43	40	c.b.	bq.	bc.	5.7	
City (Rushall Row) ...	"	"	"	"	"	"	"	"	"	4.2	Plymouth to 9 p.m.	-	58	45	41	c.bq.	o.b.	b	5.7	
Westminster (St. James's Pk.)	74	71	54	44	44	-	bc	bc	bc.	4.0	Darwen "	-	51	38	35	bc	bc	bc	9.1	
Camden Sq. (Brit. Rainfall)	73	68	55	43	41	-	o.bc	bc.b.	bc.b.	5.4	Manchester "	-	54	43	"	bc	bc	bc	9.1	
Hampstead (Reservoir) ...	"	69	51	40	37	-	bc	bc	bc.	6.7	Birmingham "	-	51	42	37	c.	b	bc.c.	9.1	
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.)	72	69	793 Joules.		16.8 Milliwatts.		68.5 Milliwatts.			3.5	S. Kensington (Museum Grounds to 6 p.m.)	0.01	54	43	41	o.o.c.o	bc	bc		

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

6th & 7th April 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 5.18 5.15	G.M.T. 11.56 11.55	G.M.T. 6.33 6.35
Greenwich ...	5.27 5.25	12.3 12.2	6.34 6.40
Wick ...	5.24 5.26	12.15 12.14	7.1 7.3
Valencia ...	6.8 6.5	12.44 12.43	7.19 7.21

During yesterday temperature touched 55° in several parts of this country, 58° at Blackpool, St Ann's Head, and about Torquay. The duration of bright sunshine was exceedingly variable, from none or less than hour at some stations to more than 10 hours at others, 11½ hours at west as the 20th meridian ships experienced light to strong north Easterly breezes and fair to fine weather, and beyond, to the 37th meridian, South Easterly to North Easterly, moderate to strong or a gale, with fair to dull or 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 wrappers.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

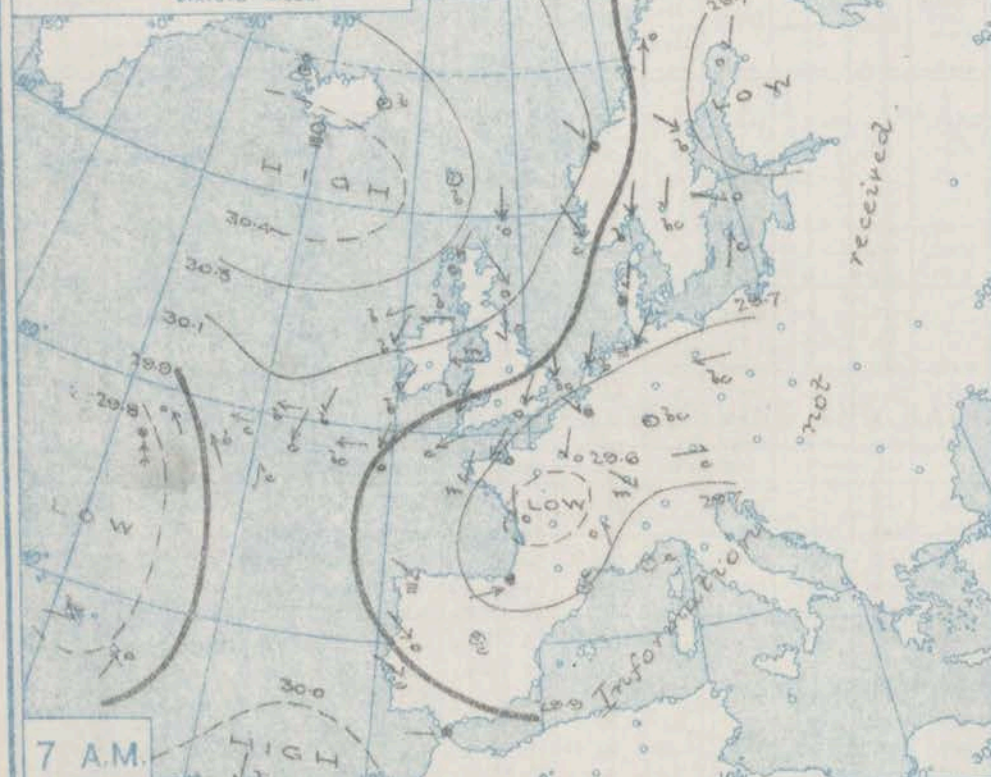
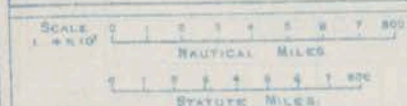
Monday,
April 7th 1913.

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 3 rd Fabr. and M.S.L. Lat. 45°.		Dry Bulb.					At 3 rd Fabr. and M.S.L. Lat. 45°.		Change since 4 a.m.							Dry Bulb.		Change since Yester- day.		Max.	Min.		Morn'g. 7 a.m. to 1 p.m.	Aftern'a. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
	29.67	16	NW	4				29.52	+0.2	-1	-18						NE	8	0	3	?	19		-4	+	+
Lerwick	30.18	42	N	5	bc			30.13	-0.2	44	+3	NNW	5	0	5	-	44	40	bc	bc	bc					
Stornoway	30.23	43	NE	5	bc			30.25	+0.1	42	-3	NE	2	0	2	-	47	37	bc	bc	bc	3.1				
Castlebay (Barra Isd.)	30.16	45	NNE	4	bc			30.20	+0.3	44	-2	NNE	4	bc	4	-	51	41	bc	bc	bc	9.4				
Malin Head	30.11	45	NE	1	bc			30.13	0.0	43	-1	NE	1	0	1	-	53	40	bc	bc	bc					
Blacksod Point	30.07	48	NE	4	bc			30.08	+0.2	46	+2	NE	2	0	3	trace	51	41	bc	bc	bc					
Valencia	29.99	55	NNE	3	bc			30.04	+0.1	42	0	NE	1	bc	3	-	57	37	bc	bc	bc	11.6				
Roche's Point	29.95	52	ENE	2	bc			30.03	0	42	0	NNE	1	0	2	trace	58	37	bc	bc	bc					
Birr Castle	30.00	54	NE	1	bc			30.07	0	33	-2	N	1	bc	2	-	58	32	bc	bc	bc	10.8				
Donaghadee	30.04	48	NNE	2	bc			30.11	+0.2	41	-1	NNE	2	bc	3	-	51	40	bc	bc	bc					
Liverpool Obsy.	29.97	44	NE	4	bc			30.01	+0.2	40	0	N	3	bc	3	-	51	39	bc	bc	bc	4.7				
Holyhead	29.95	46	NE	5	bc			30.02	+0.1	42	-1	ENE	4	bc	3	-	46	41	bc	bc	bc	7.5				
Pembroke (St. Ann's Hd.)	29.91	48	NE	5	bc			29.98	+0.3	40	-3	NNE	2	bc	2	-	54	37	bc	bc	bc	8.4				
Newquay	29.82	50	N	4	bc			29.91	?	42	-3	NE	4	bc	5	-	52	40	bc	bc	bc					
Scilly (St. Mary's)	29.82	48	NNE	4	bc			29.82	+0.2	43	-3	NNE	4	bc	4	-	51	42	bc	bc	bc	6.0				
Jersey (St. Aubin)	29.70	48	NE	5	bc			29.80	0	43	-4	NNE	4	bc	4	0.04	49	42	bc	bc	bc	0.0				
Portland Bill	29.74	49	NE	6	bc			29.83	0.0	42	-2	NNE	5	bc	4	-	55	40	bc	bc	bc					
Dungeness	29.71	44	NE	6	bc			29.71	-0.1	44	-2	NNE	5	bc	4	0.03	47	41	bc	bc	bc					
Dover	29.75	43	N	7	bc			29.72	0	44	-1	N	6	bc	6	0.01	46	40	bc	bc	bc	0.0				
Wick	30.19	42	NE	4	bc			30.16	+0.2	44	+1	NNW	3	bc	3	trace	45	37	bc	bc	bc					
Nairn	30.18	42	ENE	1	bc			30.18	0	37	-3	-	0	bc	1	0.01	46	31	bc	bc	bc	3.7				
Aberdeen	30.13	42	N	4	bc			30.14	+0.2	42	-2	NNW	3	bc	3	-	47	40	bc	bc	bc	3.0				
Loth	30.08	45	ENE	4	bc			30.11	+0.2	41	0	N	2	bc	3	-	48	40	bc	bc	bc					
North Shields	30.03	42	NNE	4	bc			30.02	0.0	42	0	NE	4	bc	5	0.01	46	39	bc	bc	bc	0.2				
Spurn Head	29.86	43	N	7	bc			29.86	0.0	40	-2	N	7	bc	6	-	45	40	bc	bc	bc	0.2				
Yarmouth	29.82	42	NNE	4	bc			29.79	+0.4	43	-1	NNE	4	bc	5	trace	46	41	bc	bc	bc	3.9				
Clacton-on-Sea	29.77	45	NNE	4	bc			29.76	0.0	43	-1	N	4	bc	3	-	51	41	bc	bc	bc	5.2				
Nottingham	29.91	43	NE	5	bc			29.91	0	40	0	NNE	4	bc	4	-	47	39	bc	bc	bc	2.2				
Bath	29.84	45	NE	6	bc			29.90	0	42	-2	ENE	2	bc	4	-	55	41	bc	bc	bc	7.8				
London (Kew Obsy.)	29.81	45	NE	6	bc			29.82	+0.1	41	-2	N	5	bc	4	-	52	39	bc	bc	bc	7.0				
Isafjord	30.25	46	SW	4	bc			30.32	?	37	-3	-	0	bc	0	0	0	0	bc	bc	bc					
Reykjavik	30.26	50	-	0	bc			30.29	0.0	38	-3	SE	2	bc	0	0	0	0	bc	bc	bc					
Vestmanna	30.26	45	NW	1	bc			30.31	+0.1	38	-4	NW	5	bc	0	0	0	0	bc	bc	bc					
Seydisfjord	30.29	60	-	0	bc			30.23	-0.3	38	-6	-	0	bc	0	0	0	0	bc	bc	bc					
Thorshavn	30.21	52	NE	2	bc			30.25	-0.1	46	+7	-	0	bc	0	0	0	0	bc	bc	bc					
Haparanda	29.85	37	NE	2	bc			29.84	+0.1	31	-3	NNE	4	bc	0	-	37	25	bc	bc	bc					
Hernösand	29.80	36	NW	2	bc			29.89	+0.2	37	-1	NW	2	bc	0	0.04	43	34	bc	bc	bc					
Stockholm	29.69	36	N	4	bc			29.72	+0.3	33	-8	NE	4	bc	0	0.04	45	32	bc	bc	bc					
Wisby	29.67	34	N	2	bc			29.63	-0.1	35	-5	NE	6	bc	0	0.04	46	32	bc	bc	bc					
Karlstad	29.78	37	NNW	2	bc			29.89	+0.2	36	-4	NNW	4	bc	0	-	45	28	bc	bc	bc					
Færder (X'ania Fjord)	29.80	42	NNE	6	bc			29.93	+0.4	38	-1	N	6	bc	2	-	43	36	bc	bc	bc					
Bodö	29.97	34	-	0	bc			29.91	-0.1	33	0	SSE	2	bc	1	-	39	30	bc	bc	bc					
Christiansund	30.08	38	NW	1	bc			30.05	0.0	39	+3	N	1	bc	3	0.04	41	36	bc	bc	bc					
Skudesnaes	29.88	41	N	4	bc			30.00	+0.3	40	-1	ENE	2	bc	1	-	50	36	bc	bc	bc					
The Scaw (Skagen)	29.75	43	NE	6	bc			29.87	+0.4	38	-2	NNE	6	bc	2	-	48	37	bc	bc	bc					
Blaavands Huk	29.70	41	NE	2	bc			29.77	+0.4	39	-3	NE	3	bc	2	-	48	34	bc	bc	bc					
Cuxhaven	29.61	45	N	2	bc			29.62	0.0	40	+1	ENE	4	bc	0	-	48	39	bc	bc	bc					
The Helder	29.70	43	N	5	bc			29.73	+0.4	43	-2	NNW	6	bc	0	-	48	41	bc	bc	bc					
Brussels	29.67	47	N	4	bc			29.62	-0.1	40	-5	NNW	2	bc	0	0.20	55	39	bc	bc	bc					
Berlin	29.48	53	NE	1	bc			29.47	+0.3	43	-5	N	5	bc	0	0.28	61	43	bc	bc	bc					
Frankfurt	29.57	53	SW	1	bc			29.54	+0.2	44	0	NW	1	bc	0	-	59	43	bc	bc	bc					
Munich	29.55	49	SW	5	bc			29.54	-0.2	45	+4	SW	4	bc	0	0.08	50	41	bc	bc	bc					
C. Gris Nez	29.73	44	NE	7	bc			29.67	-0.2	45	0	N	6	bc	5	0.12	46	41	bc	bc	bc					
La Hève	29.70	45	NE	5	bc			29.73	0	39	-6	NNE	3	bc	3	-	52	37	bc	bc	bc					
Brest (St. Mathieu)	29.76	47	NNE	5	bc			29.85	+0.2	43	-4	NE	4	bc	2	-	50	41	bc	bc	bc					
Lorient (Bec Melen)	29.61	48	N	5	bc			29.77	0	46	-4	NNE	4	bc	2	-	52	43	bc	bc	bc					
Rochefort (Ile d' Aix)	29.58	49	NNW	4	bc			29.62	+0.6	46	-1	NNE	3	bc	0	0.04	54	43	bc	bc	bc					
Biarritz	29.67	50	WSW	6	bc			29.65	+0.4	51	+1	NNW	5	bc	4	0.06	51	46	bc	bc	bc					
Paris	29.62	51	NE	2	bc			29.65	-0.1	43	+1	NNW	3	bc	0	0.16	61	42	bc	bc	bc					
Belfort	29.62	51	WSW	6	bc			29.62	0	41	+2	N	2	bc	0	-	63	39	bc	bc	bc					
Lyons																										

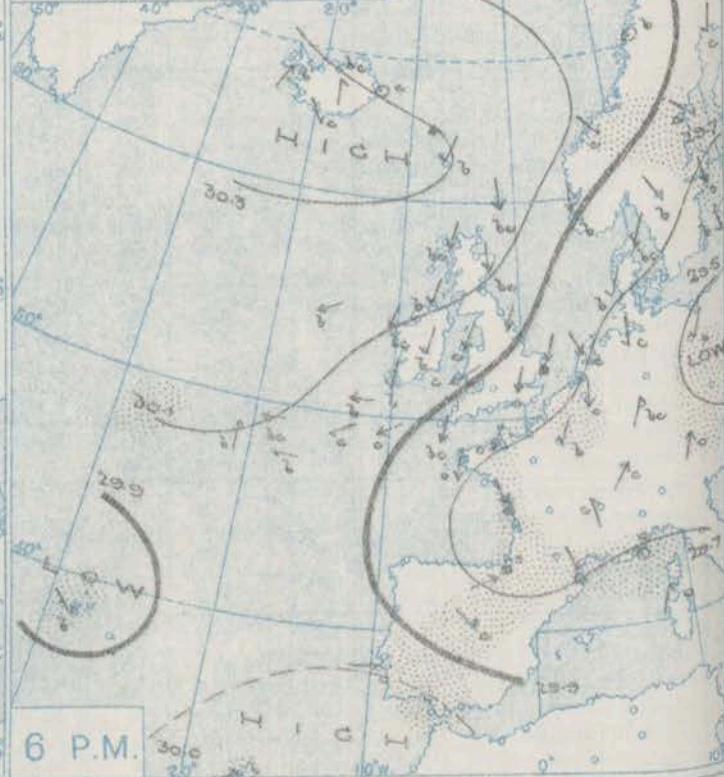
* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



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



GENERAL INFERENCE

There are some indications that the pressure distribution will become more

WEATHER PROSPECTS.

northerly, but the gradient is not likely to increase.

FORECASTS FOR THE 24 HOURS NOON MONDAY

TO NOON TUESDAY

- 0 Wind between North and North-East; light or moderate; mostly fair, dull at times; temperature rather low.
- 1
- 2 N.E. or N.W. winds, moderate or fresh, strong at times in exposed places; variable sky, mostly fair, some slight rain locally;
- 3
- 4 temperature continuing low.
- 5

FORECAST DISTRICTS.



STORM WARNINGS.

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

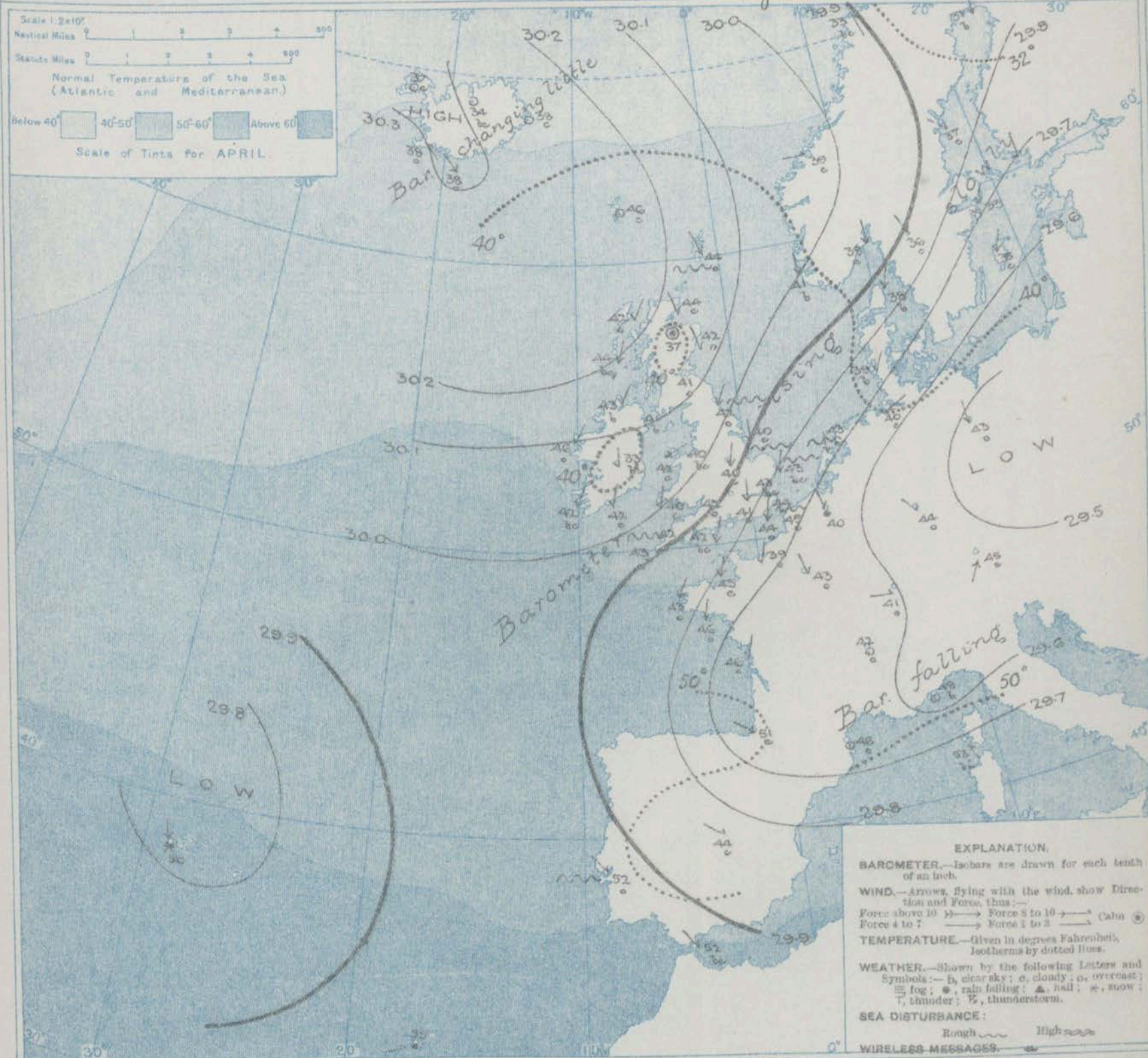
Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.

NO WARNINGS ISSUED.

- 6 N.E. winds, light or moderate, fair or bright; moderately mild.
- 7 N.E. to N.W. winds, light or moderate; mostly fair; temperature rather low.
- 8
- 9 Light or moderate winds between North and North-East; fair, temperature rather low.
- 10
- 11 WESTERN CHANNEL AND BAY. N.W. and N. winds, light to fresh; sea slight or moderate; fair to dull.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Monday 7th APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.2 in. in an anticyclone covering Iceland and extending to Scotland, below 29.5 in. in a depression over Germany, and below 29.8 in. in another over the Azores region.

The wind is mainly Northerly over the east of England, France and the Netherlands, fresh or strong in several localities, and high at Spurn Head. On some parts of our western and northern

coasts the direction is North-easterly, and the force light. Temperature has fallen in many localities; over these Islands it ranges from 44° at some extreme northern stations and on the coast of Kent to 37° at Barm and to 33° at Brix Castle. The continental readings vary from 52° at Gibraltar and 51° at Biarritz to about 32° in the north of Sweden. At Spitzbergen the reading is 1° below zero. Rain is falling at Barm and Brussels, and snow at Stockholm, and over the greater part of our area the sky is cloudy or overcast. Snow is reported at the Azores.

DAILY WEATHER REPORT.

Monday, 7th April, 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, Jan. 6th, 11 a.m.	51	11	<i>Prinzess Alice</i>	H	29.43	-0.1	S	1-3	bc	6th, Jan. 6th, 11 a.m.	49	21	<i>Montcalm</i>	H	29.42	-0.1	ENE	4-5	c
	48	20	<i>Prinzess Alice</i>	H	29.43	-0.1	S	1-3	bc		50	20	<i>Montcalm</i>	H	29.41	-0.1	E	1-3	c
	48	19	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		49	19	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	18	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	18	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	17	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	17	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	16	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	16	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	15	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	15	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	14	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	14	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	13	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	13	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	12	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	12	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	11	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	11	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	10	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	10	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	9	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	9	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	8	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	8	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	7	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	7	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	6	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	6	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	5	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	5	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	4	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	4	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	3	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	3	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	2	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	2	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	1	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	1	<i>Montcalm</i>	H	29.48	-0.1	S	1-3	c
	48	0	<i>Prinzess Alice</i>	H	29.44	-0.1	E	1-3	bc		48	0	<i>Montcalm</i>	H	29.48	-0.1	S	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.	Hr.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	Hr.
		Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.		
Scotland.	In.							(Margate ...)	In.						
Oban ...								Ramsgate ...		47	43	og	og	0.4	
Stonehaven ...								Deal ...		48	44			0.6	
St. Andrews ...								Folkestone ...	0.03	47	43	bc	bc	0.0	
Carnoustie ...								Littlestone ...						0.0	
England, N.E.								Hastings ...	0.03	48	44	og	og	0.0	
Harrogate ...		44	36	c.o.c.	o.c.o.	0.5		Bexhill-on-Sea ...	0.02	47	45	og	og	0.1	
Scarborough ...		44	40	o	o	0.0		Eastbourne ...		48	44	og	og	0.0	
England, N.W.								Seaford ...							
Blackpool ...		53	38	c.bc.	bc	6.2		Brighton ...	0.02	55	45	o.c.o.	o.c.o.	2.2	
Southport ...	0.01	53	38	og.bc.	o.bc.b.	7.6		Worthing ...		54	45	c	c	1.3	
Buxton to 4 p.m.		46	35	bc	bc	4.6		Littlehampton ...						0.4	
Matlock ...								Bognor ...							
Douglas ...								Southsea ...		54	44	b.bc.	b.bc.	2.3	
Wales.								Bournemouth ...		57	44	b.bc.	b.bc.	9.8	
Rhyl ...		54	42	bc	bc	4.5		Weymouth ...		57	43	b	b	4.0	
Colwyn Bay ...		48	42	bc	bc	3.5		Teignmouth ...		56	44	b.bc.	b	7.5	
Llandudno ...		48	42	c.b.	bc	4.4		Torquay ...		58	44	b	b	7.6	
Bettws-y-Coed ...								Paignton ...		56	44	c.b.	b	7.6	
Aberystwyth ...		55	43	b.bc.	c.o.	6.0		Ilfracombe ...		53	44	b.	b.go	7.5	
England, S.W.								Weston-super-Mare ...		54	42	b	b.bc.	8.6	
Lowestoft ...	0.02	45	41	c.o.c.o.	c.o.c.	3.5									
Felixstowe ...		47	43	bc	bc	5.8									
Walton-on-Naze ...		49	43	o.bc.c.	bc.o.	3.1									
Southend-on-Sea ...		51	43	bc	bc	2.5									

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	Humidity.		TEMPERATURE.		Rain- fall.	WEATHER.			Sun- shine for Yester- day.	Hr.	STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.			Sun- shine for Yester- day.	Hr.
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.					In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.		
Greenwich (Royal Observatory) ...	61	73	55	40	35	In.	bc	bc.c	c.o.	7.0	Dublin to 4 p.m.	In.	52	41	7	b	bc	bc	
City (Bunhill Row) ...										8.0	Plymouth to 9 p.m.								
Westminster (St. James's Park) ...	72	78	54	41	36		bc	bc	bc	8.3	Darwen								
Camden Sq. (Brit. Rainfall) ...		72	55	39	35		b	b.bc	c.o.c.	8.4	Manchester		50	39		b.o.	bc.c	c	2.3
Hampstead (Reservoir) ...		77	51	37	32		bc	bc	o.p.c.	8.6	Birmingham		47	38	30	c	o	o	3.3
Kew. (See front page.)											Oxford to 8 p.m.		52	41	39	og	og	og	
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.											S. Kensington		53	43	41	bc.	bc.c	c.o.	
Total.											(Museum Grounds to 6 p.m.)								
Average Rate.																			
Max. Rate.																			
S. Kensington (Roof of M.O.)										8.1									

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

	7th & 8th April, 1913.		
	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 5:15 5:12	G.M.T. 11:55 11:55	G.M.T. 6:35 6:37
Greenwich ...	5:25 5:23	12:2 12:2	6:40 6:41
Wick ...	5:26 5:23	12:14 12:14	7:3 7:5
Valencia ...	6:5 6:2	12:43 12:43	7:21 7:23

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to above 55° on some parts of our south-western coasts and in central Ireland, but remained below 50° over a large area in the east and north. Slight rain fell in a few parts of the Kingdom, but except on the south-east coast and a few places elsewhere the weather was fair to bright; in Ireland the sunshine record was about 11 hours. According to wireless reports E. to S.E. winds, moderate to strong, were experienced as far west as the 27th meridian.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

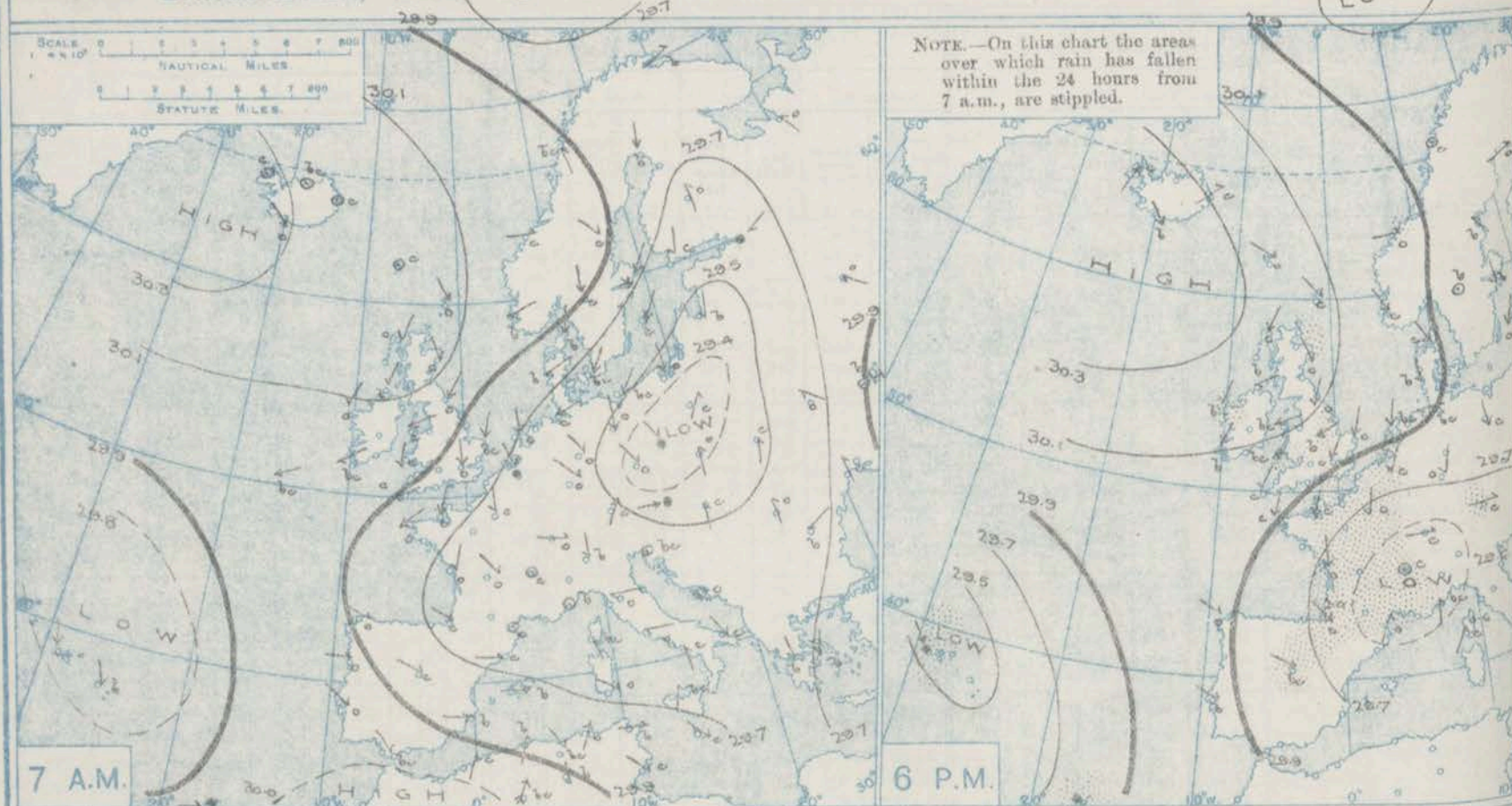
Tuesday
8th April, 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.				
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).				At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dir.	Force (0 to 12).	Weather.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.		Aftern'n. 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.
Spitzbergen		29.64	-14	E	9	0		29.69	+02	-14	-13	E	7	0				-1	-18					
Lerwick		In.						In.																Hours
Stornoway		30.15	46	NW	3	c		30.17	00	42	-2	NW	3	0	3	-	48	41	c	c	o.cq			1.5
Castlebay (Barra Isd.)		30.29	48	NE	4	0		30.31	00	44	+2	NW	2	0	2	-	51	41	a.c.	c.o	c.o			6.2
		30.25	47	NE	3	c		30.32	+01	44	0	NNW	3	0	3	-	52	42	bq.c.o.	oc	c.b.o.			
Malin Head...		30.22	47	ENE	2	b		30.29	00	44	+1	NNE	2	bq	2	-	51	42	bcm	bc	bew			
Blacksod Point		30.16	50	NE	3	b		30.29	+02	40	-6	N	1	b	1	trac	53	38	bc	bcm	bc			
Valencia		30.11	52	NE	4	b.		30.16	+02	41	-1	-	0	by	3	-	54	38	bq	bq	bq			11.7
Roche's Point		30.08	48	ENE	2	b		30.25		40	-2	NE	1	b	2	-	52	39	bc.c	bc.b	bq			
Birr Castle		30.15	50	E	2	bc		30.25		31	-2	N	1	bc		-	53	30	bc	bc	baze			11.3
Donaghadee		30.17	47	NNE	3	bc		30.23	+02	40	-1	NW	1	bcm	2	-	48	40	bc	bc	bcm			
Liverpool Obsy.		30.10	45	NNE	4	b		30.20	+01	41	+1	NNW	2	0	2	-	49	36	bc	bc	c.o.			6.0
Holyhead		30.10	46	EHE	4	bc		30.22	+01	42	0	NE	1	0	0	-	46	39	bcm	bcm	og			8.3
Pembroke (St. Ann's Hd.)		30.05	45	NNE	4	bc		30.19	+03	38	-2	NE	2	bcm	2	trac	50	35	cg	bc	bcm			6.8
Newquay		29.97	47	NNE	4	c		30.13	+03	38	-4	NNE	2	b	4	-	47	35	c	bc.c	bc.bx			3.3
Scilly (St. Mary's)		29.97	46	NE	3	cm		30.15	+04	40	-3	E	3	bcm	4	-	47	39	cm	cm	bcm			1.8
Jersey (St. Aubin)		29.85	44	NNE	4	cg		30.04		44	+1	NE	4	cm	4	0.02	52	42	ogm	bc.ogp	o.cim			3.4
Portland Bill		29.91	46	NNE	6	bc		30.10	+03	40	-2	NE	5	b	4	-	51	39	bc	bc	bc.b			
Dungeness		29.81	43	NE	7	og		30.02	+04	42	-2	NNE	5	c	4	trac	49	39	c.og	c.ogp	og.c			
Dover		29.82	43	NNE	7	r		30.04		41	-3	NNE	4	c	4	0.01	48	38	c.b.c	bc.oph	o.c			5.5
Wick		30.21	45	N	4	0		30.21	+01	45	+1	N	3	0	3	0.02	46	43	compd	om	om			
Nairn		30.22	47	E	1	c		30.25		43	+6	-	0	c	1	0.04	51	36	z.d.b.	bq.c	c			2.2
Aberdeen		30.20	45	NNW	3	0		30.20	+01	46	+4	NNW	3	0	2	0.01	49	41	opc.	c.o.	op			1.0
Leith		30.14	45	NE	2	0		30.20	+03	42	+1	WSW	1	bqf		-	46	39	0	c	c.o.			
North Shields		30.18	43	NNE	3	0		30.18	+01	43	+1	N	3	d	4	0.02	46	39	0	0	r			0.0
Spurn Head		30.04	43	NNE	6	bc		30.10	00	42	+2	NNW	5	ord	5	trac	48	39	bq	bq	bq.ord			10.2
Yarmouth		29.96	43	NNE	4	0		30.08	+02	42	-1	N	2	bc	2	-	47	40	bc.o	0	o.b.c			5.0
Clacton-on-Sea		29.90	43	NNE	5	bc		30.08	+04	38	-5	N	2	bc	2	-	48	36	bc.c	c.b.c	baze			4.2
Nottingham		30.04	44	NE	6	b		30.14		40	0	NNW	2	om		trac	49	35	cp.bc	bc.b	b			7.0
Bath		29.98	47	E	6	b		30.17		37	-5	NE	2	b		-	51	33	-	-	-			2.6
London (Kew Obsy.)		29.95	45	NE	5	og		30.13	+06	37	-4	N	3	bcm		trac	49	34	c.ogp	c.og	og.bcm			4.8
Isafjord...		30.23	41	SW	4	c		30.16	-06	39	+2	-	0	0										
Reykjavik		30.34	42	-	0	0		30.26	-02	37	-1	E	3	0										
Vestmanna		30.32	43	NW	5	b		30.31	-01	38	0	NW	1	c	1									
Seydisfjord		30.30	45	SW	2	c		30.22	-03	35	-3	-	0	c										
Thorshavn		30.23	44	NNW	4	0		30.25	+01	41	-5	NNE	2	0										
Haparanda		29.71	29	WSW	2	0		29.72	-09	31	0	NNW	4	b		-	37	21						
Hernösand		29.82	32	SE	2	b		29.83	+02	39	+2	N	2	b		-	41	28						
Stockholm		29.80	32	N	2	b		29.83	+02	35	+2	NNW	2	b		-	39	28						
Wisby		29.75	36	NE	6	b		29.83	+05	36	+1	N	4	b		-	37	32						
Karlstad		29.86	37	-	0	b		29.93	+04	36	0	-	0	bc		-	45	28						
Färder (X'ania Fjord)								29.94	+03	39	+1	NNE	2	b		-	43	37						
Bodö		29.82	37	-	0	c		29.93	+04	30	-3	NNW	4	c	2	-	37	28						
Christiansund		29.98	40	W	2	0		29.98	+01	40	+1	W	2	0	3	0.04	41	37						
Skudesnaes		29.98	41	NNW	6	c		29.98	+01	40	0	N	4	b	2	-	45	37						
The Scaw (Skagen)		29.90	40	NNW	4	c		29.92	+01	41	+3	NNE	2	b	1	-	45	36						
Blaavands Huk		29.97	40	N	3	b		29.97	+01	42	+3	W	1	c	1	-	48	37						
Cuxhaven		29.91	41	E	3	bc		29.97	+02	41	+1	NE	2	b		-	46	39						
The Helder		29.94	42	NNE	5	bc		30.04	+03	41	-2	N	2	bc	1	trac	45	39						
Brussels		29.79	44	NE	2	c		29.99	+05	37	-3	NE	2	b		0.04	51	33						
Berlin		29.78	41	N	5	c		29.91	+03	39	-4	N	2	0		-	52	37						
Frankfurt		29.75	43	NE	2	0		29.97	+04	40	-4	N	3	0		-	52	37						
Munich		29.63	44	W	2	c		29.78	+03	39	-6	NE	4	0		0.04	52	37						
C. Gris Nez		29.80	44	NE	7	0		30.01	+04	43	-2	NNE	6	bc	5	0.16	48	41						
La Hève		29.84	41	NNE	4	0		29.77		39	0	NE	3	b	4	0.12	50	36						
Brest (St. Mathieu)		29.94	48	E	4	c		30.04	+04	44	+1	NE	4	0	2	-	48	43						
Lorient (Bec Meien)		29.80	48	NE	5	c		29.91		45	-1	NE	5	c	2	-	50	39						
Rochefort (Ile d' Aix)		29.67	47	N	4	0		29.82	+04	43	-3	NE	4	b		0.08	50	39						
Biarritz		29.69	49	NW	4	0		29.78	+05	44	-7	SSW	2	c	3	1.97	52	39						
Paris		29.76	45	N	3</																			

* 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. 7TH APRIL



GENERAL INFERENCE

The central portion of the anticyclonic system seems likely to move slowly in a

WEATHER PROSPECTS.

southerly direction, and at the same time to expand more over the United Kingdom.

FORECASTS FOR THE 24 HOURS NOON Tuesday

0 { a Wind mainly Northerly, light or moderate; mostly fair, dull occasionally, slight showers locally on the coast; temperature continuing low.
b

1 { a
b
2 { a
b
3 Wind between North and North-East, light or moderate, fresh locally; mostly fair or fine, very cloudy or overcast at times.
4 { a
b
5 Temperature continuing 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 Coast.	South Coast.
North Coast.	North Coast.

No Warnings Issued.

TO NOON Wednesday

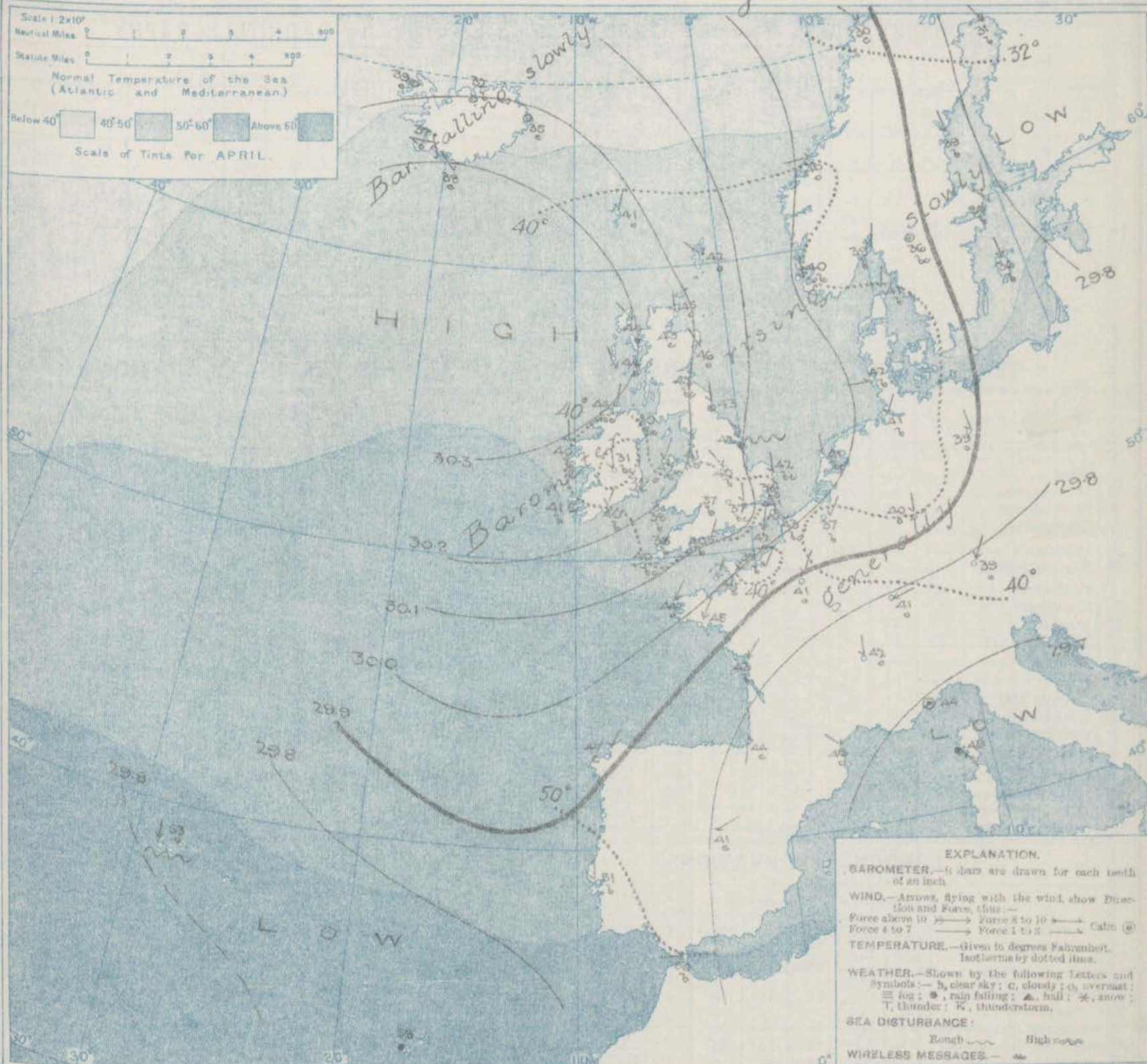
6 { a Northerly winds, light; fair to bright; moderate temperature.
b
7 { a North-Easterly or Northerly winds, light or moderate; mostly fair or fine;
b
8 { a temperature low.
b
9 { a Northerly or rather variable winds, light; fair or fine;
b
10 { a temperature higher during the day, low at night.
b

11 WESTERN CHANNEL AND BAY.

North-Easterly winds, light to fresh; sea moderate; fair or fine.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. *Tuesday, 8th* APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.3 in. over a large area on the Atlantic between our north-west coasts and Iceland, whence the readings decrease to 29.8 in. at the Azores and also over the Gulf of Bothnia, and to 29.7 in. over the south-east of France.

The wind is North-easterly over France and the Channel, and light to fresh in force. Over the United Kingdom generally and the North Sea it is light or moderate from the Northward. Temperature has undergone no

decided change. Over these Islands it varies from 45° at Wick and 44° at Jersey to 37° at Nottingham, and to 31° at Birr Castle; on the Continent from 50° at Gibraltar to about 40° in Germany and the Netherlands, and to a little below 32° in the north of Scandinavia. Over the United Kingdom and western and north-western Europe as a whole, the weather is fair to bright, but the sky is overcast in some localities, and rain is falling on the NE. coast of England, and also at Nice and Sanguinaires.

DAILY WEATHER REPORT.

Tuesday, 8th April, 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, 7 a.m.	50	15	Montcalm	H	29.95	+0.1	ENE	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 ...	...	57	34	bc.b.	bc.	10.2	England, S.E.	Margate ...	...	47	41	ogp	ph.o.	2.4
	Stonehaven ...	...	45	40	c	c	0.4		Ramsgate ...	...	47	40	c.b.	opghou	4.2
	St. Andrews ...	...	...	...	...	...	...		Deal ...	...	48	41	c.b.	opghou	3.1
	Carnoustie ...	...	...	...	...	...	...		Folkestone ...	...	47	41	gh	rh.o.	4.7
England, N.E.	Harrogate ...	0.01	45	37	c.b.	bc.b.	2.8	England, S.E.	Littlestone ...	...	47	41	gh	rh.o.	5.7
	Scarborough ...	...	46	39	c.b.	c.b.	7.7		Hastings ...	...	49	40	c.b.	bc.c.	4.9
England, N.W.	Blackpool ...	...	50	38	c.b.	bc.	7.1	England, S.E.	Bexhill-on-Sea ...	...	48	41	bc.c.	o.c.	4.5
	Southport ...	...	49	38	bc	bc.	6.2		Eastbourne ...	...	50	40	bc.o.	o.c.	4.1
	Buxton ...	...	46	35	bc	bc.	3.9		Seaford ...	...	50	38	c	c	3.8
	Matlock ...	...	...	...	...	...	...		Brighton ...	...	50	40	c.o.	c.o.	4.0
Wales.	Douglas ...	...	...	...	...	...	...	England, S.W.	Worthing ...	0.01	50	40	c	c	4.3
	Rhyl ...	...	48	39	b	bc.	5.6		Littlehampton ...	...	...	...	...	...	4.7
	Colwyn Bay ...	...	47	41	bc.b.	b	5.5		Bognor ...	...	...	...	...	...	4.8
	Llandudno ...	...	48	41	b	bc.	5.3		Southsea ...	...	51	40	c.b.	bc.	4.6
England, E.	Bettws-y-Coed ...	...	49	38	b.b.	c.b.	4.9	England, S.W.	Bournemouth ...	...	51	40	c.b.	bc.o.	2.4
	Aberystwyth ...	...	52	39	c.b.	b.o.	6.0		Weymouth ...	...	52	40	c.b.	bc.	2.2
	Lowestoft ...	...	45	41	c.b.	c.b.	3.6		Teignmouth ...	...	49	41	c.b.	bc.	4.0
	Felixstowe ...	...	47	40	c.b.	c.b.	4.2		Torquay ...	...	52	41	c.b.	bc.	2.3
England, E.	Walton-on-Naze ...	...	50	40	o.b.	b.b.	3.9	England, S.W.	Paignton ...	...	50	41	o.b.	bc.	2.8
	Southend-on-Sea ...	...	49	40	bc	bc.	4.0		Ilfracombe ...	...	49	42	og.c.	c.b.	2.5
									Weston-super-Mare ...	...	50	40	o.b.	bc.b.	

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.			Sunshine for Yesterday.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.				In Screen.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.	
	%	%	Max.	Min.		24 Hours ended 9 a.m. To-day.						Max.	Min.				
Greenwich (Royal Obs.) ...	49	73	51	35	28	bc	bc	c.b.	4.1	Dublin to 4 p.m.	...	50	40	36	bc.o.	o.c.	1.5
City (Banbill Row) ...	...	...	...	...	...	...	...	...	3.3	Plymouth to 9 p.m.	...	48	39	31	c.b.	o	1.8
Westminster (St. James's Pk.)	53	72	50	36	31	bc	bc	bc	2.3	Darwen "	...	45	35	32	o.b.	o.b.	2.4
Camden Sq. (Brit. Rainfall)	53	68	52	33	29	c.b.	bc.c.	o.b.	4.9	Manchester "	...	...	...	...	...	...	...
Hampstead (Reservoir) ...	...	74	48	32	27	bc	bc	bc.c.	5.8	Birmingham "	...	47	38	31	o	c	2.4
Kew. (See front page.)	...	...	...	...	...	...	...	...	...	Oxford to 8 p.m.	...	50	39	37	og.o	og.c	...
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										S. Kensington (Museum Grounds to 6 p.m.)							
Total.			Average Rate.		Max. Rate.					...		...		...		...
898 Joules.			18.8 Milliwatts.		60 Milliwatts.					...		...		...		...

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.

8th & 9th April, 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.12	11.55	6.37
	5.10	11.55	6.39
Greenwich ...	5.23	12.1	6.41
	5.21	12.1	6.43
Wick ...	5.23	12.14	7.5
	5.20	12.14	7.7
Valencia ...	6.2	12.43	7.23
	6.0	12.43	7.25

During yesterday temperature rose to 57° at Oban and to above 50° in various parts of the Kingdom, but remained below that figure over a considerable area in the east and north. Slight rain fell in some parts of Great Britain, but a fair amount of bright sunshine was recorded generally. In Ireland the day was very bright, the sunshine figures exceeding 11 hours. Rain has fallen in France; at Biarritz, where a thunderstorm occurred, the measurement is as much as 2 in.

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.

12.24

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday

9th April 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.				
		At 82° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac.	Change since 7 a.m.				Dry Bulb.	Change since Yester- day.	Max.	Min.						Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.				
Spitzbergen		29.64	-11	ENE	6	b	29.59	00	-7	+7	ENE	6	o	4	-	-7	-18	*	*	*	*	*	4	
Lerwick		In.					In.															Hours		
Stornoway		30.15	40	NW	3	c	29.98	-05	42	0	NW	3	c	2	0.02	43	38	o.c.	o.c.	o.c.p	*	*		
Castlebay (Barra Isd.)		30.27	46	NW	4	o	30.21	-03	44	0	NW	4	r	3	trace	50	42	o	o	o.d.p	0.0	0.0		
Malin Head		30.29	46	NNW	3	op	30.26	00	45	+1	NNW	2	o	2	-	49	43	op	o.p.c.p	o.	*	2.2		
Blackod Point		30.30	45	MNE	4	egm	30.27	-03	44	0	N	4	o	3	0.02	47	42	em	mr	ogd	*	*		
Valencia		30.31	47	NE	3	o	30.32	+01	43	+3	NE	2	bc	2	trace	50	38	om	om	om	*	*		
Roche's Point		30.27	52	NW	2	eg	30.32	+04	46	+5	MNE	2	c	3	-	51	41	bg	bg	bg	q.b	q.b		
Birr Castle		30.24	49	SE	1	o	30.28	-	46	+6	NNW	3	c	2	-	50	40	og	clab	bzo	*	*		
Donaghadee		30.22	57	NNW	1	c	30.29	*	45	+14	N	4	c	2	-	59	31	bc	bc.	c	10.4	*		
Liverpool Obsy.		30.24	50	NW	1	b	30.23	+01	44	+4	NNW	3	bc	2	-	52	40	bc	bc	em	*	*		
Holyhead		30.18	47	NNW	2	b	30.21	+01	44	+3	SE	1	o	2	trace	50	41	cp	bc	og	3.8	3.8		
Pembroke (St. Ann's Hd.)		30.20	47	NNW	2	m	30.20	00	45	+3	NE	6	o	5	-	50	41	cp	bm	og	7.2	7.2		
Newquay		30.19	46	N	2	bc	30.20	+01	45	+7	NNW	4	og	3	-	51	37	bm	bc	bc.	8.5	8.5		
Scilly (St. Mary's)		30.16	46	N	4	c	30.18	?	47	+9	N	4	o	4	-	47	38	b	b.b.c	og	8.0	8.0		
Jersey (St. Aubin)		30.16	46	NE	3	em	30.18	00	46	+6	MNE	3	cm	2	-	49	39	bm	em	bm	9.3	9.3		
Portland Bill		30.08	48	N	3	em	30.14	*	45	+1	MNE	4	og	4	-	51	44	c.b.c	bm	c.m	7.6	7.6		
Dungeness		30.10	48	NE	4	o	30.15	+03	44	+4	NE	3	c	3	-	52	40	b	bc.o	bc.c	*	*		
Dover		30.04	47	NE	3	c	30.06	+01	40	-2	NNW	3	cp	3	trace	49	38	c	cp.c	cp.c	*	*		
Wick		30.08	43	N	4	r	30.09	*	40	-1	N	4	o	4	0.07	49	38	b.b.c	bc.e.d	od.f	7.2	7.2		
Nairn		30.18	43	ME	3	c	30.12	-03	42	-3	NW	2	c	3	0.05	48	40	omp	o.c.p	om.d	*	*		
Aberdeen		30.21	46	MNE	2	o	30.17	*	43	0	N	1	bc	1	-	50	40	gc	go	bc.	0.0	0.0		
Leith		30.19	47	NW	2	c	30.17	00	43	-3	NNW	3	o	2	-	50	40	opc	oc	co	0.3	0.3		
North Shields		30.15	50	N	1	c	30.19	+01	44	+2	NNW	1	o	*	-	56	41	ogbc	b.b.c	o.	*	*		
Spurn Head		30.20	44	N	3	c	30.18	00	45	+2	ME	1	bc.	4	-	49	39	c	b	bc.	1.3	1.3		
Yarmouth		30.12	44	N	5	o	30.16	+01	42	0	MNE	4	c	4	trace	47	39	og	ogd	bc.	0.3	0.3		
Clacton-on-Sea		30.07	43	N	2	bc	30.10	+02	41	-1	N	3	o	3	0.02	47	40	b.od	o.b.c.p	b.p.o	1.2	1.2		
Nottingham		30.06	45	NNW	2	o	30.10	00	45	+7	NNW	2	o	1	trace	50	37	bc.o	o.c.o	o.c.p	2.3	2.3		
Bath		30.13	47	N	3	o	30.17	*	42	+2	NE	2	o	*	-	51	37	o	o.c.m	o.c	0.4	0.4		
London (Kew Obsy.)		30.15	48	NE	2	o	30.19	*	43	+6	MNE	2	o	*	-	50	37	-	-	-	3.1	3.1		
Isafjord		30.10	47	MNE	1	o	30.14	+01	41	+4	N	3	omv	*	0.01	50	37	bc.m.c	o	bc.m.c	4.1	4.1		
Reykjavik		29.89	40	SW	4	r	30.13	+08	26	-13	ME	6	c	*	-	*	*	*	*	*	*	*	*	
Vestmanna		30.06	43	E	3	r	29.98	00	38	+1	N	3	o	*	-	*	*	*	*	*	*	*	*	
Seydisfjord		30.18	43	W	3	r	30.02	-03	40	+2	W	4	c	1	-	*	*	*	*	*	*	*	*	
Thorshavn		30.01	46	W	3	c	29.97	+16	30	-5	MNE	3	c	*	-	*	*	*	*	*	*	*	*	
Haperanda		30.49	40	SSR	3	f	29.86	-09	42	+1	WSW	5	r	*	-	*	*	*	*	*	*	*	*	
Hernösand		29.95	21	NNW	2	b	29.93	-01	20	-11	S	2	bc	*	-	32	14	*	*	*	*	*	*	
Stockholm		29.95	37	-	0	bc	29.94	-01	35	-4	-	0	o	*	-	46	30	*	*	*	*	*	*	
Wisby		29.98	36	-	0	b	30.00	+01	38	+3	SSR	2	b	*	-	46	30	*	*	*	*	*	*	
Karlstad		29.97	34	N	2	b	30.02	+01	38	+2	SSR	2	b	*	-	41	28	*	*	*	*	*	*	
Färder (X'lania Fjord)		29.97	40	-	0	b	29.97	00	38	+2	WSW	2	b	*	-	50	28	*	*	*	*	*	*	
Bodö		29.96	41	SW	2	b	29.92	-01	40	+1	WSW	2	b	1	-	45	37	*	*	*	*	*	*	
Christiansund		30.01	27	-	0	c	29.76	-13	28	-2	E	4	o	2	?	30	23	*	*	*	*	*	*	
Skudesnaes		30.02	39	-	0	o	29.83	-07	40	0	SW	2	c	3	0.08	41	37	*	*	*	*	*	*	
The Scaw (Skagen)		30.04	38	NNW	4	b	30.00	-01	40	0	NW	4	b	2	-	46	36	*	*	*	*	*	*	
Blaavands Huk		30.00	40	NW	1	b	30.00	-01	41	0	WSW	3	bc	1	-	46	36	*	*	*	*	*	*	
Cuxhaven		30.02	38	NNW	1	b	30.07	+04	41	-1	NW	2	o	1	-	46	37	*	*	*	*	*	*	
The Helder		30.02	42	N	1	b	30.06	00	40	-1	-	0	m.b	*	-	45	34	*	*	*	*	*	*	
Brussels		30.02	42	NNW	1	c	30.09	+02	42	+1	MNE	2	b	1	0.04	46	41	*	*	*	*	*	*	
Berlin		30.00	42	NNW	3	o	30.04	+03	41	+4	ENE	1	o	*	-	48	37	*	*	*	*	*	*	
Frankfurt		29.99	42	N	3	c	30.05	+02	38	-1	E	1	c	*	trace	46	34	*	*	*	*	*	*	
Munich		29.97	41	MNE	1	o	30.01	+02	40	0	NE	1	c	*	-	45	37	*	*	*	*	*	*	
C. Gris Nez		29.91	35	N	5	r	29.95	+01	34	-5	NE	5	s	*	0.08	41	32	*	*	*	*	*	*	
La Hève		30.05	44	MNE	4	c	30.04	+01	42	-1	MNE	5	c	3	0.12	50	41	*	*	*	*	*	*	
Brest (St. Mathieu)		30.06	43	NNE	2	b	30.02	*	41	+2	MNE	4	bc	4	-	52	39	*	*	*	*	*	*	
Lorient (Bec Melen)		30.12	47	NE	4	b	30.18	+01	45	+1	MNE	2	m	1	-	50	43	*	*	*	*	*	*	
Rochefort (Ile d' Aix)		29.98	47	NE	5	bc	30.08	*	44	-1	MNE	3	b	2	-	52	41	*	*	*	*	*	*	
Biarritz		29.93	49	NE	3	o	30.02	+03	41	-2	MNE	4	c	*	-	49	39	*	*	*	*	*	*	
Paris		29.88	49	MNE	3	o	29.98	+04	47	+3	ENE	2	o	2	0.12	48	44	*	*	*	*	*	*	
Belfort		29.96	46	N	4	b																		

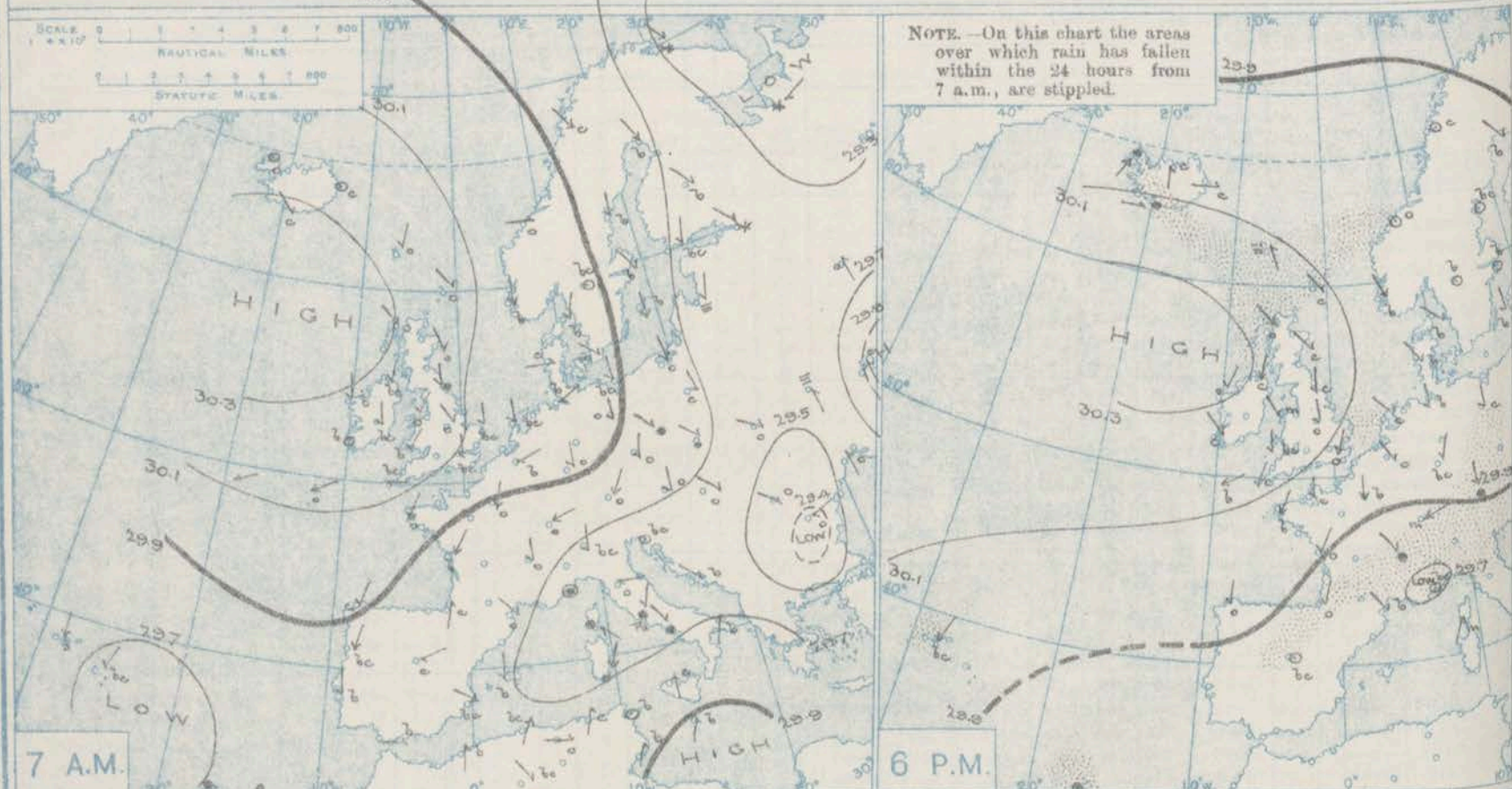
GALES.

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. 8TH APRIL



GENERAL INFERENCE

WEATHER PROSPECTS.

The anticyclone extending over Ireland from the Atlantic seems likely to continue to move in a S.E. or S.E. direction, and depressions may be expected to appear over Ireland from the westward.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

- 0 {
a Wind mainly S.W. to W.,
b light or moderate; some showers locally, otherwise fair generally;
- 1 } temperature rather low.
- 2 {
a Wind backing towards S.W.,
b light or moderate; a good deal
- 3 } of cloud, some showers locally;
- 4 {
a temperature continuing below the
b normal.
- 5 }

FORECAST DISTRICTS.



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

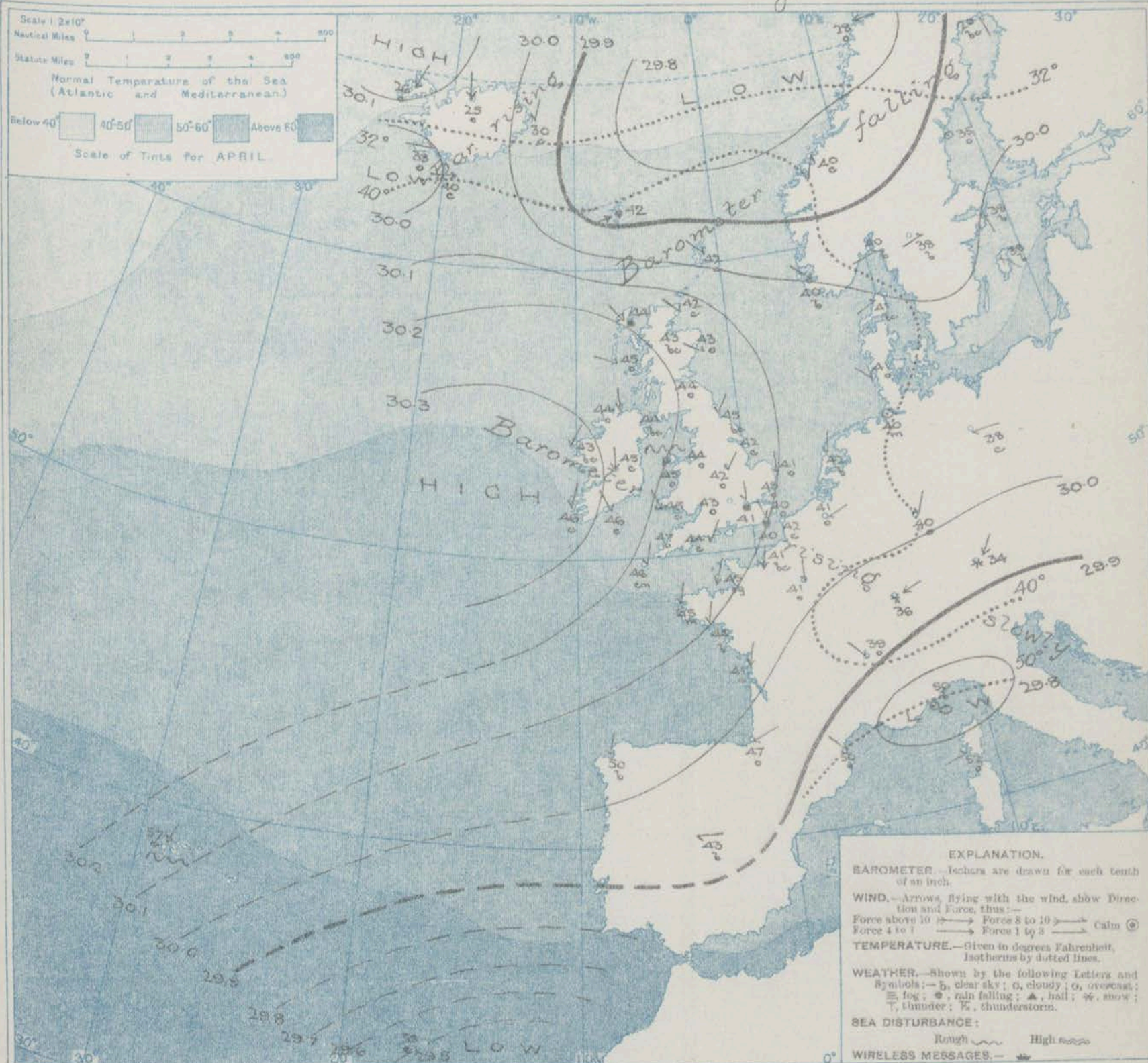
NO WARNINGS ISSUED.

- 6 {
a Same as Nos. 0 & 1.
b
- 7 {
a S.W. to S.W. winds, light
b or moderate; mostly fair, but
- 8 {
a dull at times; temperature
b rather low.
- 9 {
a
b
- 10 {
a
b

11 WESTERN CHANNEL AND BAY.
Wind mainly S.W., light or moderate; sea slight; mostly fair, dull, with mist at times.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Wednesday, 9th APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is below 29.8 in. in a shallow depression centred between Norway and Iceland, and is at the same level in the southeast of France, but in an anticyclone extending from the Atlantic to the west of Ireland, it is above 30.3 in.

The wind has become N.W. over the greater part of Scotland, but is between N.E. and E. over Ireland, England, the Netherlands and most of France. In most places it has little force. In

the neighbourhood of the depression in the far north the cyclonic circulation of wind is moderate to light. Temperature has risen in the west and southwest of these islands, changed little and rather irregularly in most other regions. Over the United Kingdom it ranges from 47° at Newquay to 40° at Dover and Dungeness; on the Continent from 50° at Perpignan to 34° at Munich, and to several degrees below freezing point in the north of Scandinavia. The weather is cloudy or overcast in most parts of our area, with rain at Thorshavn and Stornoway, slight showers in the southeast of England, and snow at Belfort and Munich. In a few localities the sky is nearly clear.

DAILY WEATHER REPORT.

Wednesday, 9th April, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

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.	
8th, 6 p.m.	49	9	<i>Phononines</i>	H	30.27	+0.2	ENE	4-5	b.
" 7 a.m.	48	19	<i>Zeeland</i>	O	30.21	+0.2	ENE	4-5	o.
" "	49	12	<i>Phononines</i>	H	30.24	+0.5	ENE	4-5	b.

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	In.	53	37			9.1
	Stonehaven		54	36	bc	bc	4.0
	St. Andrews						
	Carnoustie						
Engl. N.E.	Harrogate		48	37	ad.c.	c.b.c.	0.8
	Scarborough		47	40	o.c.	c.b.	0.2
	Blackpool		51	36	o.c.	bc.c.	5.9
	Southport		49	36	o.bc.	bc.b.c.	5.8
England, N.W.	Buxton		47	32	c	bc	1.4
	Matlock						
	Douglas						
	Rhyl		47	33	bc	bc	4.5
Wales.	Colwyn Bay		52	36	bc	b	6.2
	Llandudno		51	38	bc	b	5.7
	Bettws-y-Coed		53	30	b	b	4.4
	Aberystwyth		52	34	o.c.	c.b.c.	4.5
England, E.	Lowestoft		46	40	o.c.	c.o.c.	1.0
	Felixstowe		48	35	cg	cg	2.2
	Walton-on-Naze		47	35	b.c.	b.c.	2.0
	Southend-on-Sea		50	34	bc.b.	bc	5.0
England, S.E.	Margate	In.	49	41	cg.bc.	bc.c.	2.6
	Ramsgate		46	40	cg		5.0
	Deal		49	42	c.b.c.	cg	3.7
	Folkestone		48	40	bc	bc	6.7
England, S.W.	Littlestone						7.0
	Hastings		49	37	o.c.b.	b.b.c.	8.4
	Bexhill-on-Sea	0.01	51	38	b	b.b.c.	9.2
	Eastbourne		51	31	b.c.	b.b.c.	9.0
England, S.W.	Seaford		50	35	b	b.b.c.	9.3
	Brighton		51	36	bc	bc.c.	7.9
	Worthing		50	36	b	b.b.c.	8.9
	Littlehampton						7.3
England, S.W.	Bognor						
	Southsea		51	36	bc	bc.c.	8.3
	Bournemouth		51	34	b	bc.c.	8.2
	Weymouth		53	35	b	b	7.6
England, S.W.	Teignmouth		51	36	b	c.b.	5.6
	Torquay		54	37	b	b	8.2
	Paignton		51	35	b	bc.c.	6.9
	Ilfracombe		49	40	bc.g	gg	1.6
England, S.W.	Weston-super-Mare		49	37	b.b.c.	om.c.	2.5

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.			Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.	
Greenwich (Royal Obs.)	68	76	51	39	36		c.b.c.	bc.c.	0
City (Bunhill Row)			50	41	39		bc	bc	c.o.
Westminster (St. James's Pk.)	63	72	50	41	39		c.b.c.	o.b.c.	0
Camden Sq. (Brit. Rainfall)	65	68	53	39	37		bc	bc	c.o.b.c.
Hampstead (Reservoir)		75	48	37	34		bc	bc	c.o.b.c.
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.)	76	78	746	Jonies.	156	Milliwatts.	475	Milliwatts.	3.8

Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.	
Dublin to 4 p.m.	In.	57	40	36	b.o.	emb	bm
Plymouth to 9 p.m.		55	37	30	c.b.	bc.	0
Darwen "		52	35	29	c.o.g.	ou.b.	bc.v.
Manchester "	trace	53	37		o.or	or.be.	bc
Birmingham "		48	32	22	o	o	o.b.c.
Oxford to 8 p.m.		46	33	27	o.c.b.c.	bc.o.	0
S. Kensington (Museum Grounds to 6 p.m.)		51	36	27	o.c.	c.o.b.c.	bc.c.o.

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

9th & 10th Apr. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 5.10 S. 5.8	G.M.T. 11.55 S. 11.54	G.M.T. 6.39 S. 6.40
Greenwich	5.21 5.18	12.2 12.1	6.43 6.44
Wick	5.20 5.17	12.14 12.13	7.7 7.9
Valencia	6.0 5.58	12.43 12.42	7.25 7.26

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature remained below 50° in many parts of England; at Valencia, however, it rose to 56° and at Bir Castle to 59°. Slight rain has fallen in a few parts of the Kingdom, but generally the weather has been fair or fine. On many parts of our southern and south-western coasts and also at Oban the sun shone for about 9 hours; at Bir Castle for 10.4 hours.

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

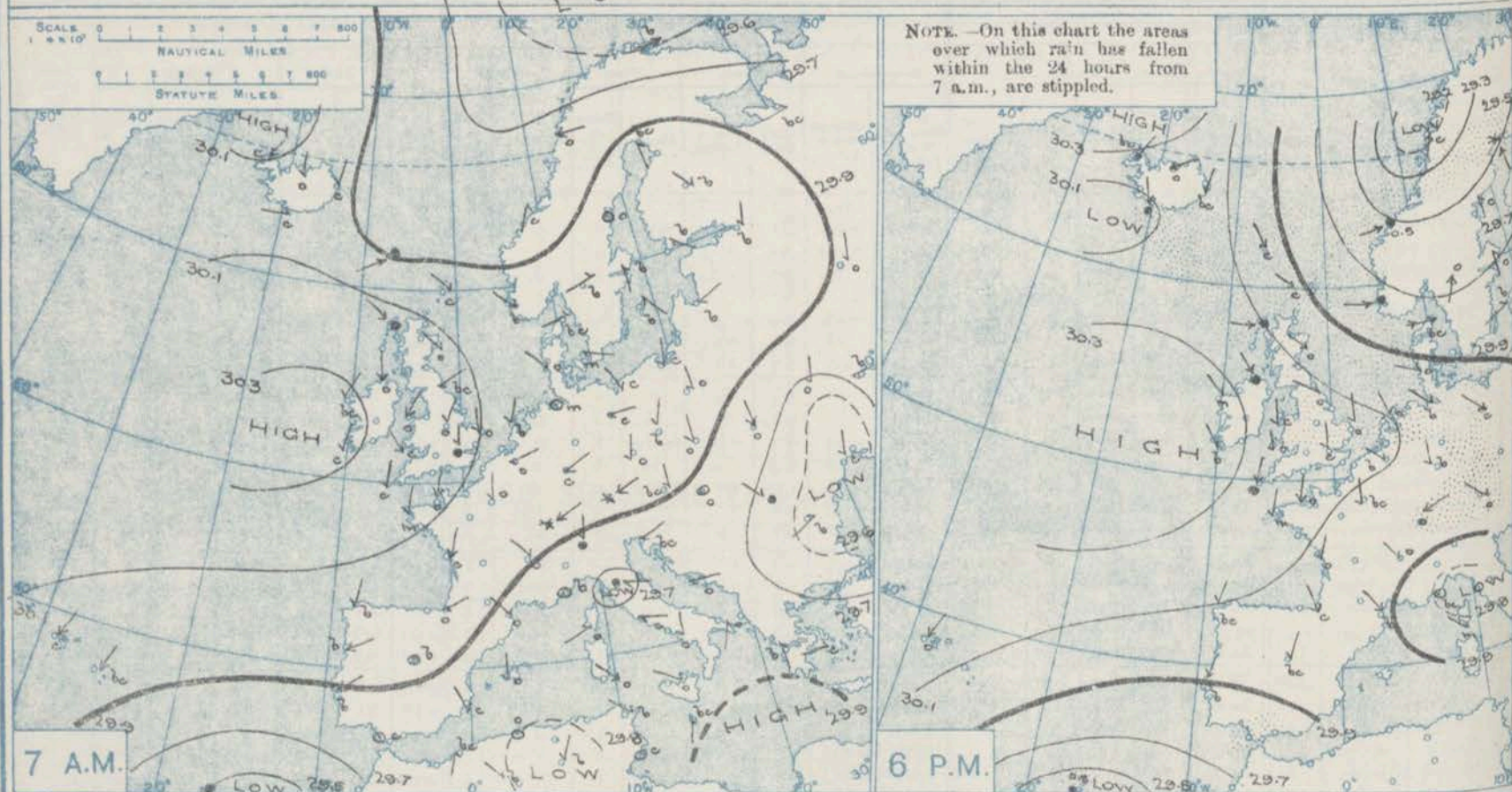
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,
10th April, 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.	Change since 4 a.m.				Dry Bulb.	Change since Yester- day.	Max.	Min.						Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.				
BRITISH ISLANDS.	Lerwick	In.	42	WNW	5	c	In.	In.	32	-10	NW	5	c	4	0.04	48	32	cp	cp	cp	cp	cp	cp	0.0
	Sornoway	30.10	47	W	4	odp	30.07	40	40	-4	E	4	o	4	0.21	49	40	odp	odp	odp	odp	odp	odp	0.0
	Castlebay (Barra Isd.)	30.18	47	WNW	4	em	30.04	40	47	+2	NW	3	d	2	0.13	49	43	odp	odp	odp	odp	odp	odp	0.9
	Malin Head	30.23	47	NW	4	cp	30.09	40	44	0	W	6	fm	3	0.06	48	42	bc	bc	bc	bc	bc	bc	0.0
	Blacksod Point	30.33	48	NW	3	m	30.25	40	48	+5	NW	4	m	3	trace	50	41	em	em	em	em	em	em	0.0
	Valencia	30.27	48	WNW	3	b	30.33	47	47	+1	WNW	4	c	3	trace	53	45	bc	bc	bc	bc	bc	bc	9.9
	Roche's Point	30.33	50	NNE	2	c	30.25	47	47	+1	N	4	c	4	-	52	46	c	c	c	c	c	c	0.1
	Birr Castle	30.30	49	NW	2	c	30.21	45	45	0	W	3	o	4	-	51	43	c	c	c	c	c	c	0.1
	Donaghadee	30.22	49	NW	3	c	30.07	43	47	+3	WNW	3	o	2	0.03	50	44	c	c	c	c	c	c	0.0
	Liverpool Obsy.	30.20	45	WNW	4	c	30.04	40	44	0	W	5	r	4	0.15	49	43	og	og	og	og	og	og	0.0
	Holyhead	30.23	46	N	3	c	30.11	40	46	+1	NW	4	r	3	0.03	48	40	og	og	og	og	og	og	2.3
	Pembroke (St. Ann's Hd.)	30.26	45	N	3	c	30.18	40	46	+1	NW	3	ogp	3	trace	49	43	og	og	og	og	og	og	0.2
	Newquay	30.23	46	N	4	og	30.19	40	47	0	NW	5	bc	5	-	47	45	og	og	og	og	og	og	0.0
	Scilly (St. Mary's)	30.25	47	NNE	4	cp	30.24	40	47	+1	WNW	4	c	3	trace	51	44	em	em	em	em	em	em	2.0
	Jersey (St. Aubin)	30.19	47	NNE	4	og	30.17	40	47	+2	WNW	3	em	3	-	50	37	c.o.c.	c.o.c.	c.o.c.	c.o.c.	c.o.c.	c.o.c.	1.6
	Portland Bill	30.17	48	NNE	2	c	30.13	40	46	+2	NW	3	bc	3	-	51	42	c	c	c	c	c	c	0.0
	Dungeness	30.12	45	WNW	3	c	30.00	40	43	+3	W	5	c	3	0.01	47	37	cp.c	cp.c	cp.c	cp.c	cp.c	cp.c	0.0
	Dover	30.16	42	N	3	bc	30.00	40	43	+3	WNW	2	o	4	0.03	48	36	c.be.	c.be.	c.be.	c.be.	c.be.	c.be.	3.0
	Wick	29.97	45	WNW	4	o	30.01	40	39	-3	WNW	4	c	4	0.03	48	33	c.o.d.	c.o.d.	c.o.d.	c.o.d.	c.o.d.	c.o.d.	0.0
	Nairn	30.05	47	WNW	3	c	30.03	40	38	-5	NNE	1	r	1	0.15	51	37	b.be.	b.be.	b.be.	b.be.	b.be.	b.be.	0.5
Aberdeen	30.03	48	WNW	4	o	30.01	40	40	-3	WNW	2	o	2	0.01	51	40	o	o	o	o	o	o	0.2	
Leith	30.07	50	SE	1	o	29.97	40	43	-1	NE	2	r	2	trace	53	42	og.c.	og.c.	og.c.	og.c.	og.c.	og.c.	0.0	
North Shields	30.10	50	WNW	5	o	29.98	40	45	0	NW	3	r	2	0.06	51	40	c	c	c	c	c	c	0.3	
Spurn Head	30.14	44	SSW	1	o	29.95	40	44	+2	WNW	4	c	3	0.02	48	41	c	c	c	c	c	c	2.5	
Yarmouth	30.16	44	N	2	o	29.96	40	43	+2	W	2	r	2	0.03	47	40	o	o	o	o	o	o	3.0	
Clacton-on-Sea	30.14	44	NNE	1	o	29.99	40	44	-1	WNW	2	o	1	0.01	46	38	o.c.	o.c.	o.c.	o.c.	o.c.	o.c.	0.0	
Nottingham	30.16	47	SW	2	o	30.00	40	46	+4	WNW	3	dm	4	trace	49	41	o.c.	o.c.	o.c.	o.c.	o.c.	o.c.	0.3	
Bath	30.20	49	E	1	o	30.12	40	46	+3	WNW	1	o	4	0.01	51	43	-	-	-	-	-	-	0.5	
London (Kew Obsy.)	30.18	46	N	2	c	30.04	40	45	+4	WNW	3	om	4	trace	47	40	om.o	om.o	om.o	om.o	om.o	om.o	0.2	
ICELAND & FAEROE.	Isafjord	30.29	26	NE	7	bc	30.35	22	22	-4	NW	4	b	4	-	-	-	-	-	-	-	-	-	-
	Reykjavik	30.03	39	-	0	o	30.23	32	32	-6	?	5	o	4	-	-	-	-	-	-	-	-	-	-
	Vestmanna	30.05	39	WNW	1	r	30.27	31	31	-9	E	8	5	1	-	-	-	-	-	-	-	-	-	-
	Seydisfjord	30.28	32	NNE	3	bc	30.45	13	13	-17	-	0	6	1	-	-	-	-	-	-	-	-	-	-
	Thorshavn	29.99	38	WNW	5	c	30.20	26	26	-16	NNE	3	5	4	-	-	-	-	-	-	-	-	-	-
SCANDINAVIA.	Haparanda	29.49	32	S	8	5	29.10	00	34	+14	SW	6	c	4	0.20	34	20	-	-	-	-	-	-	-
	Hernösand	29.51	37	S	2	c	29.36	+01	38	+3	WNW	4	c	4	-	39	34	-	-	-	-	-	-	-
	Stockholm	29.71	37	S	2	o	29.39	-06	38	0	S	2	o	4	-	48	34	-	-	-	-	-	-	-
	Wisby	29.82	34	WSW	2	b	29.47	-10	38	0	SW	2	c	4	-	45	32	-	-	-	-	-	-	-
	Karlstad	29.67	39	SW	4	o	29.41	-04	36	-2	WNW	4	o	4	-	48	36	-	-	-	-	-	-	-
	Färder (X'ianie Fjord)	29.64	40	-	0	c	29.42	00	37	-1	WNW	4	c	3	-	41	37	-	-	-	-	-	-	-
	Bodö	29.19	35	SW	4	c	29.21	-01	29	-1	W	2	o	1	?	36	25	-	-	-	-	-	-	-
	Christiansund	29.51	38	WSW	5	r	29.67	00	28	-12	NW	5	o	4	0.51	43	27	-	-	-	-	-	-	-
	Skudesnaes	29.75	42	W	6	r	29.68	+01	35	-5	W	8	o	2	0.24	41	35	-	-	-	-	-	-	-
	The Scaw (Skagen)	29.72	41	W	8	bc	29.41	-05	43	+2	WNW	4	bc	2	-	45	39	-	-	-	-	-	-	-
GERMANY, &c.	Blaavands Huk	29.93	41	WNW	3	o	29.63	-02	42	+1	WNW	4	o	3	trace	46	37	-	-	-	-	-	-	-
	Cuxhaven	30.00	41	NW	2	b	29.71	-10	42	+2	W	5	og	4	0.04	46	40	-	-	-	-	-	-	-
	The Helder	30.10	42	WNW	3	o	29.87	-04	43	+1	W	4	r	1	0.08	46	41	-	-	-	-	-	-	-
	Brussels	30.12	42	WNW	1	b	29.99	-04	38	-3	SW	2	r	4	trace	52	36	-	-	-	-	-	-	-
	Berlin	29.96	46	NW	4	c	29.76	-04	40	+2	W	5	o	4	trace	50	38	-	-	-	-	-	-	-
FRANCE.	Frankfurt	30.06	38	N	1	b	29.97	-02	39	-1	SW	1	f	4	-	46	34	-	-	-	-	-	-	-
	Munich	30.02	37	WNW	2	c	30.00	-01	36	+2	W	3	c	4	trace	41	30	-	-	-	-	-	-	-
	C. Gris Nez	30.14	44	NNE	4	b	30.02	-05	43	+1	WNW	5	r	4	trace	50	42	-	-	-	-	-	-	-
	La Hève	30.14	41	NNE	2	bc	30.10	?																

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



GENERAL INFERENCE

WEATHER PROSPECTS.

Shallow depressions moving in a southerly or south-easterly direction over these Islands and

the North Sea will cause unsettled conditions over the whole Kingdom for the present.

FORECASTS FOR THE 24 HOURS NOON

Thursday

TO NOON Friday.

- 0 {
a Wind mainly Northerly,
b light or moderate; much cloud,
some rain or snow; temperature
low.
- 1 {

- 2 {
a Wind mainly between North
b West and North, of little force;
cloudy or overcast generally, some
rain occasionally; temperature
below the normal.
- 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 Same as Nos. 0 and 1.
b

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

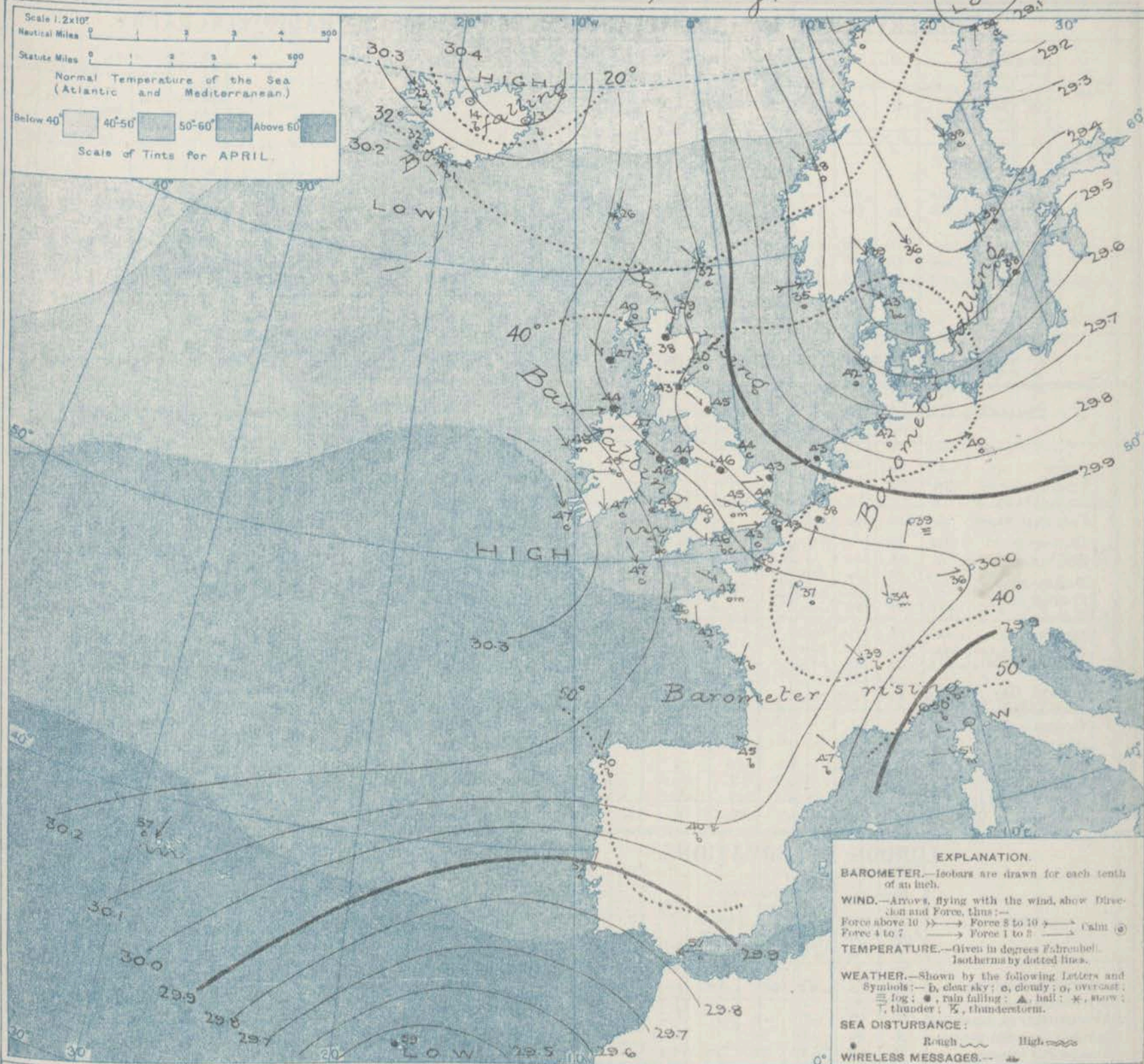
- 8 {
a Wind mainly North-Westerly
b to Northerly, light or moderate;
a good deal of cloud, some
rain locally; temperature
rather low.
- 9 {
a
b
- 10 {
a
b

11 WESTERN CHANNEL AND BAY.

Northerly and North-Westerly winds, moderate or fresh to light; sea slight or moderate; mostly fair.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Thursday, 10th APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.4 in. in the northeast of Iceland, and above 30.3 in. in an anticyclone extending from the Atlantic to the southwest coast of Ireland, below 29.1 in. in the extreme north of Sweden, and below 29.9 in. in the southeast of France.

Over the United Kingdom the wind is mainly between N. and N.E., and draws into S. at some places in Ireland and England, and is E. in the North. It blows a fresh breeze locally, and a strong breeze at Malin Head, but is light or moderate generally. At Sandness a gale

from S. prevails, but beyond the North Sea as a whole the wind is from some N.E. point, and moderate or light in force. On the southwest coast of Ireland there is an E. gale. Temperature has risen in England and Ireland, fallen in most other regions. Over these islands it ranges from 48° at Blackhead Point, and 47° in the south of Ireland and the southwest of England to about 40° in Scotland, and to 32° at Lerwick. The continental readings range from 57° at Gibraltar, and 50° at Nice to 40° or below in Germany, and to below 32° in the north of Norway. Rain is falling in several parts of Great Britain, the Netherlands and at Cape Gris-Nez, and the sky is cloudy or overcast in most other regions. Over a considerable area in France, however, the weather is fair

DAILY WEATHER REPORT.

Thursday, 10th April, 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.	Hr.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	Hr.
		Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.		
Scotland.								Margate ...	0.04	48	39	c.c.b.c.	b.b.c.c.	3.7	
Oban ...								Ramsgate ...	0.08	47	38	"	"	4.6	
Stonhaven ...								Deal ...	0.03	49	39	op.c.	b.c.c.	2.8	
St. Andrews ...		53	39	b.c.c.	o	0.8		Folkestone ...	0.07	46	39	b.c.b.	b.b.c.	1.9	
Carnoustie ...								Littlestone ...	"	"	"	"	"	1.1	
England, N.E.								Hastings ...	"	47	38	o.b.c.	b.b.c.	3.1	
Harrogate ...		48	37	c.b.c.o.	o.c.o.	1.8		Bexhill-on-Sea ...	"	48	39	b.c.b.c.	o.c.	3.6	
Scarborough ...		48	39	o.c.	o.c.	0.6		Eastbourne ...	"	51	39	o.b.c.	b.c.o.	3.9	
England, N.W.								Seaford ...	"	49	39	b.c.c.	c.o.	4.3	
Blackpool ...		42	44	o	o	0.1		Brighton ...	"	48	40	o.c.o.	c.o.	2.3	
Southport ...		48	43	o.b.c.	b.c.o.	0.2		Worthing ...	"	47	40	o	o	0.6	
Buxton ...		47	39	b.c.	b.c.	0.7		Littlehampton ...	"	"	"	"	"	0.1	
Matlock ...								Bognor ...	"						
Douglas ...								Southsea ...	"	49	41	c.b.c.b.	c.b.c.o.	2.1	
Wales.								Bournemouth ...	"	50	42	o	om	1.5	
Rhyl ...	0.02	48	42	c.o.	o	0.0		Weymouth ...	"	52	43	c.b.c.	c.o.	0.0	
Colwyn Bay ...	"	49	44	f.b.c.	b	0.3		Teignmouth ...	"	51	46	c	c	0.4	
Llandudno ...	"	49	44	o	o.c.b.	0.0		Torquay ...	"	52	45				
Bettws-y-Coed ...	"	50	37	c	c	0.0		Paignton ...	"	"	"	"	"	0.0	
Aberystwyth ...	"	48	40	o.c.	c.o.	1.0		Ilfracombe ...	"	49	42	o	o	0.0	
England, E.								Weston-super-Mare ...	"	51	42	o	o.b.m.	0.5	
Lowestoft ...	0.01	45	40	c	c	2.4									
Felixstowe ...	0.01	45	38	c.o.	do.v	0.1									
Walton-on-Naze ...	0.01	46	41	o.b.c.	b.b.c.o.	0.8									
Southend-on-Sea ...	"	47	38	o	o	0.4									

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain-fall.	WEATHER.			Sunshine for Yesterday.	Hr.	STATIONS.	Rain-fall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.	Hr.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.					In Screen.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.		
	24 Hours ended 9 a.m. To-day.		Max.	Min.									Max.	Min.					
Greenwich (Royal Obs.) ...	69	88	47	38	28	o	o	c.b.m.	0.0		Dublin to 4 p.m.	"	53	45	42	c.o.	o.c.	"	0.3
City (Bunhill Row) ...	"	"	"	"	"	"	"	"	0.0		Plymouth to 9 p.m.	"	50	43	39	og	og	og.b	0.5
Westminster (St. James's Pl.)	71	90	47	40	31	o	o	o.m.	0.0		Darwen "	"	49	40	38	c.og	ogu	u.b.o.	
Camden Sq. (Brit. Rainfall)	65	86	48	38	31	0.01	o	o.c.	0.01	0.1	Manchester "	"	"	"	"	"	"	"	0.1
Hampstead (Reservoir) ...	"	92	45	38	27	0.01	o	o.c.	0.01	0.6	Birmingham "	"	47	40	34	o	o	o	
Kew. (See front page.)											Oxford to 8 p.m.	"	48	41	38	c.o.	o	o.c.o.	
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.											S. Kensington								
			Total.		Average Rate.		Max. Rate.				(Museum Grounds to 6 p.m.)		47	40	37	o	o	o.c.	
S. Kensington (Roof of M.O.)			420 Joules.		8.7 Milliwatts.		27 Milliwatts.		0.1										

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

	10th & 11th April, 1913.		
	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.8	11.54	6.40
	5.6	11.54	6.41
Greenwich ...	5.18	12.1	6.44
	5.16	12.1	6.46
Wick ...	5.17	12.13	7.9
	5.17	12.13	7.11
Valencia ...	5.58	12.42	7.26
	5.56	12.42	7.28

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer remained below 50° in most parts of England, and below 55° over the Kingdom generally. Rain, mostly slight, fell in nearly all districts, and there was little sunshine; in many places the record was less than 1 hour, and at some stations there was none. At Valencia, however, the figure was as high as 9.9 hours.

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

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.

12.24

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

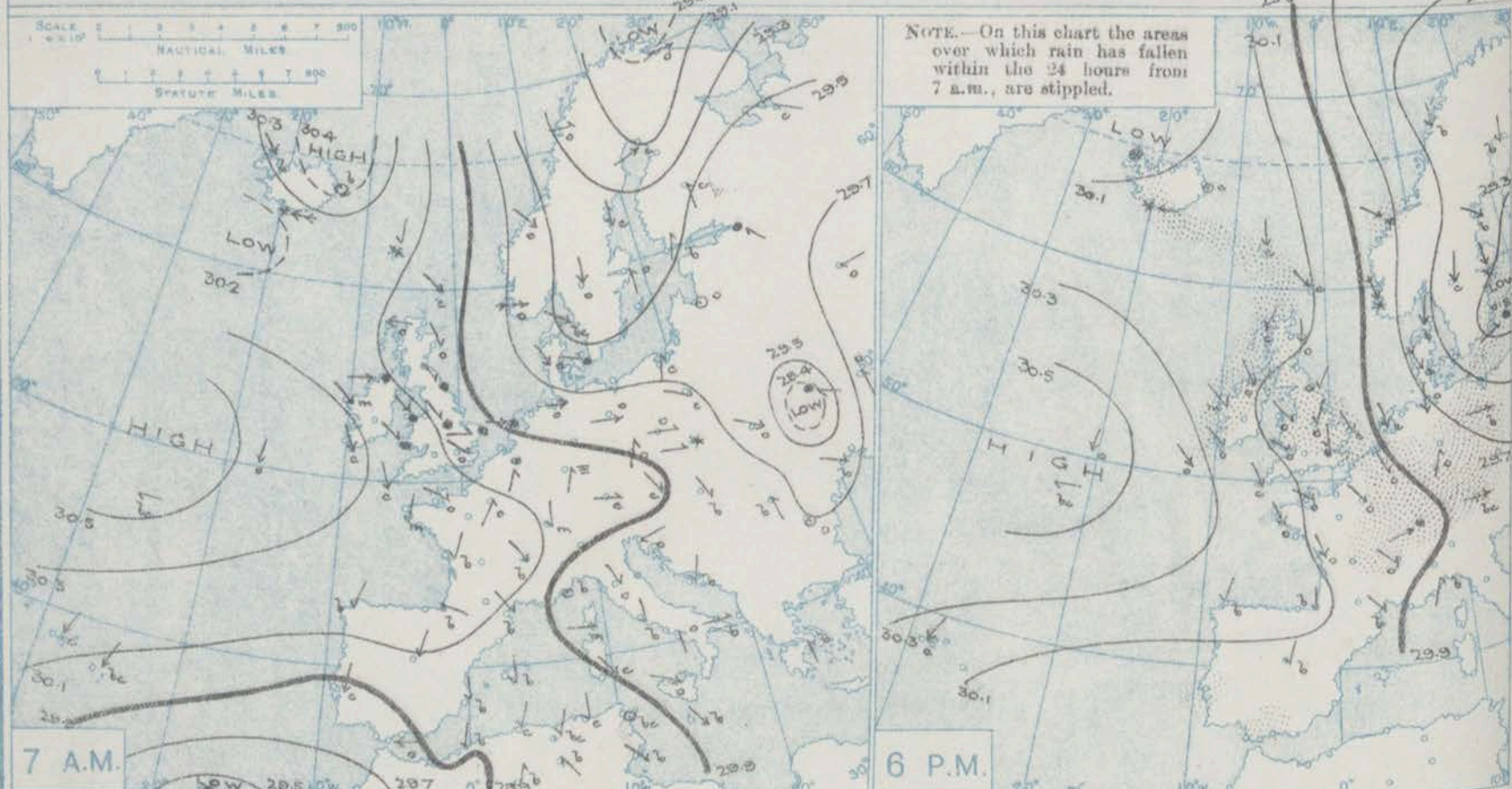
Friday,
11th April, 1913.

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.	Dirac.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dirac.	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.				
Spitzbergen ...	29.63	0	E	7	0	29.78	+0.3	0		E	7	0	0	0	0	1	-4	*	*	*	Hours		
Lerwick ...	In.	27	NW	6	c	In.	In.							In.									
Stornoway ...	30.20	36	NE	5	c	29.92	-1.6	33	-7	S	4	S	4	0.01	43	30	odg	o.c.	bcps	3.4			
Castlehay (Barra Isd.) ...	30.14	41	MNE	5	o	29.93	-1.0	34	-13	SE	3	S	3	0.10	47	32	d.o.	o	o.b.o	1.0			
Malin Head ...	30.08	47	NNW	4	c	29.95	-0.9	43	-1	SW	2	fm	2	0.14	48	42	om	omp	om	*			
Blacksod Point ...	30.18	49	NW	3	m	30.06	-0.7	48	0	NW	3	r	3	0.06	51	45	om	om	opd	*			
Valencia ...	30.23	49	NW	3	o	30.18	-0.3	49	+2	NW	3	fd	3	0.01	51	47	c.og	ogm	omd	0.0			
Roche's Point ...	30.20	50	NW	4	o	30.13		49	+2	NNW	3	o	2		54	47	c	com	o	*			
Birr Castle ...	30.16	49	N	3	o	30.05		47	+2	N	1	o	*	0.02	50	44	o	m.o.	op	0.0			
Donaghadee ...	30.06	47	NW	3	c	30.02	0.0	42	-5	E	3	o	3	0.01	52	41	cp	cg	cogn	*			
Liverpool Obsy. ...	30.01	45	N	3	o	30.04	-0.4	38	-6	ESE	4	o	3	0.06	48	38	ot	o.c	og	0.0			
Holyhead ...	30.05	48	NW	3	o	30.01	-0.2	48	+2		0	f	0		52	42	ogm	og	of	0.7			
Pembroke (St. Ann's Hd.)	30.11	48	NW	4	o	30.05	-0.1	47	+1		0	cm	2	0.16	50	45	cgfb	cg	agm	0.0			
Newquay ...	30.12	48	NW	5	og	30.08	0.0	48	+1	NW	3	og	4		49	47	bcog	og	og	0.8			
Scilly (St. Mary's) ...	30.16	50	NNW	6	c	30.14	-0.1	48	+1	NNW	4	c	5		52	45	c	c	o	2.9			
Jersey (St. Aubin) ...	30.08	49	WNW	3	agm	30.07		48	+1	NW	2	om	2		51	47	com	ogm	com	0.3			
Portland Bill ...	30.02	49	NW	3	bc	30.07	+0.2	44	-2	E	4	c	3		52	41	c	bc	bc.c.	*			
Dungeness ...	29.93	47	NW	3	op	30.04	+0.1	40	-3	N	3	op	3	0.03	50	39	cogp	gp	op.o.	*			
Dover ...	29.97	43	NNE	4	o	30.06		40	-3	N	3	c	2	0.10	49	37	op.o.	op.o.	o	0.0			
Wick ...	30.14	33	N	5	o	30.00	-0.7	30	-9	N	3	o	3	Trace	39	29	cg	opgs	op.o.	*			
Nairn ...	30.12	36	NE	3	bc	29.99		31	-7	E	1	bc	1	0.02	42	28	p.bc.	bc	bc.	0.8			
Aberdeen ...	30.11	36	N	4	o	30.03	-0.6	33	-7		0	o	3		42	32	o	c.o.	o	0.0			
Leith ...	30.08	41	NE	1	o	30.02	-0.7	34	-9		0	o	*	0.06	46	33	ot.v.g	opg	o	*			
North Shields ...	30.08	42	NE	2	o	30.05	-0.3	34	-11	SW	1	o	2	0.05	49	31	r	o	o	0.3			
Spurn Head ...	30.00	43	N	5	o	30.04	0.0	37	-7	NNW	4	c	5	0.06	45	35	o.cp	c.o.	o.c.	0.5			
Yarmouth ...	29.96	44	NNW	2	c	30.04	+0.1	38	-5	NW	2	c	2	0.03	46	37	omf.o	o.c.	bcc	0.1			
Clacton-on-Sea ...	29.95	45	N	1	c	30.06	+0.1	38	-6	NW	2	c	1	0.08	48	37	ogpd	og.c	c	0.0			
Nottingham ...	30.01	45	NE	2	o	30.07		37	-9	NE	1	s	*	0.09	52	36	d.ogm	ogm	ot.d.	0.1			
Bath ...	30.02	52	NW	2	o	30.09		40	-6	SE	1	o	*	0.01	55	39				0.9			
London (Kew Obsy.) ...	29.99	46	N	3	ogm	30.09	0.0	39	-6	N	1	om	*	0.05	50	38	om.cot	ogm	om.cot	0.0			
Isafjord ...	30.06	28		0	s									*	*	*							
Reykjavik ...	30.04	34	E	4	o									*	*	*							
Vestmanna ...	30.14	32	E	9	s									*	*	*							
Seydisfjord ...	30.27	23		0	c									*	*	*							
Thorshavn ...	30.26	25	N	4	c									*	*	*							
Haparanda ...	29.37	24	NNE	2	b	29.44	+0.2	17	-17	N	2	bc	*	*	37	14							
Hernösand ...	29.42	26	NW	4	b	29.42	0.0	23	-15	NNW	6	b	*	*	39	18							
Stockholm ...	29.32	29	N	6	s	29.32	0.0	35	-13	NNE	6	o	*	0.20	41	23							
Wisby ...	29.22	39	WSW	2	r	29.15	+0.1	29	-9	NNE	9	s	*	0.51	45	27							
Karlstad ...	29.40	33	NNE	6	c.	29.50	0.0	22	-14	NNW	6	b	*	*	41	19							
Færder (X'ania Fjord)	29.47	33	N	6	o	29.60	+0.1	24	-15	NNW	6	b	2	*	43	23							
Bodö ...	29.44	27	N	4	b	29.62	+0.4	23	-4	E	2	b	2	*	32	18							
Christiansund ...	29.71	22	WNW	4	s	29.74	0.0	28	0	NNE	3	o	5	0.43	28	19							
Skudesnaes ...	29.84	26	NNW	8	s	29.84	0.0	30	-5	NNW	6	b	2	*	36	23							
The Scaw (Skagen) ...	29.41	37	NNE	7	b	29.59	+0.4	28	-15	NNE	8	c	2	*	45	23							
Blaavands Huk ...	29.65	35	NNW	9	c	29.71	-0.1	27	-15	NNW	9	s	8	Trace	43	25							
Cuxhaven ...	29.70	39	N	7	o	29.76	+0.4	32	-10	N	9	ogp	*	*	45	28							
The Helder ...	29													*	*								
Brussels ...	29.93	42	NNW	2	o	30.00	-0.4	37	-1	NW	1	o	*	0.08	45	35							
Berlin ...	29.56	41	N	5	b	29.61	+0.2	32	-8	NW	6	b	*	0.08	45	30							
Frankfurt ...	29.82	40	SW	2	o	29.90	+0.3	38	-1	NW	1	bc	*	0.12	45	34							
Munich ...	29.86	36	N	4	bc	29.86	+0.1	33	-3	NW	4	o	*	0.08	45	32							
C. Gris Nez ...	29.95	45	N	4	r	30.04	+0.2	39	-4	N	4	o	3	0.12	46	39							
La Hève ...	29.98	44	NW	4	m	30.05		42	-1	NE	3	o	2	*	50	39							
Brest (St. Mathieu) ...	30.18	47	NNW	4	r	30.15	-0.1	48	+2	NW	3	m	2	*	52	46							
Lorient (Bec Meien) ...														*	*								
Rochefort (Ile d' Aix)	30.08	50	NNW	4	o	30.07	+0.1	49	+7	NNW	3	c	*	*	54	41							
Biarritz ...	30.14	51	N	3	b	30.11		49	+4	NNW	3	r	2	*	55	45							
Paris ...	29.97	46	WNW	2	r	30.04	+0.4	43	+6	N	2	o	*	0.04	48	37							
Belfort ...	29.97	38	WSW	5	r	29.95		39	+5	N	4	o	*	0.08	48	34							
Lyons ...	30.01	47	NW	3	o	29.99		44	+5	NW	2	o	*	0.08	54	39							
Nice ...	29.76	49	SW	1	b	29.70	+0.2	53	+3		0	b	2	*	61	45							
Perpignan ...	29.99	53	NW	3	b	30.01	+0.1	49	+2	NW	4	c	*	*	58	47							
Sanguinaire ...		53	N	4	f			53	+2	NNW	5	m	5	*	59	46							
Corunna (8 a.m.) ...	30.13	53	NE	3	b	30.13	0.0	51	+1	NE	3	b	3	*	57	45							
Lisbon (9 a.m.) ...	29.91	55	NNE	3	b	29.91	+0.3	57	+5	NNE	4	bc	5	0.04	61	52							
Gibraltar ...	29.93	57	SE	4	bc	29.94		54	-3	SE	4	o	2	0.20	60	54							
Azores (P. Delgada)														*	*								
Azores (Horta)	30.24	57	NE	5	c	30.19	-0.1	56	-1	NNE	5	bc	5	*	59	54							
Madeira (Funchal) ...	29.58	61	NW	3	b	29.64		61	+2	NW	3	bc	3	0.08	63	46							

* 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. 10TH APRIL



GENERAL INFERENCE

The depression which is spreading over our north-western and northern districts will probably move in an easterly or south-easterly direction,

WEATHER PROSPECTS.

while the barometer remains relatively high off the south-west of the United Kingdom.

FORECASTS FOR THE 24 HOURS NOON Friday

TO NOON Saturday.

- 0 {
a Wind varying, at first Southerly,
b then between West and North,
fresh or strong later locally; snow
and sleet at times; temperature low,
then rising somewhat.
- 1 {
- 2 {
a Wind mainly between North
b and North-West or West, light,
- 3 { then increasing; much cloud, some
rain, sleet or snow; temperature many
degrees below normal.
- 4 {
a
b
- 5 {



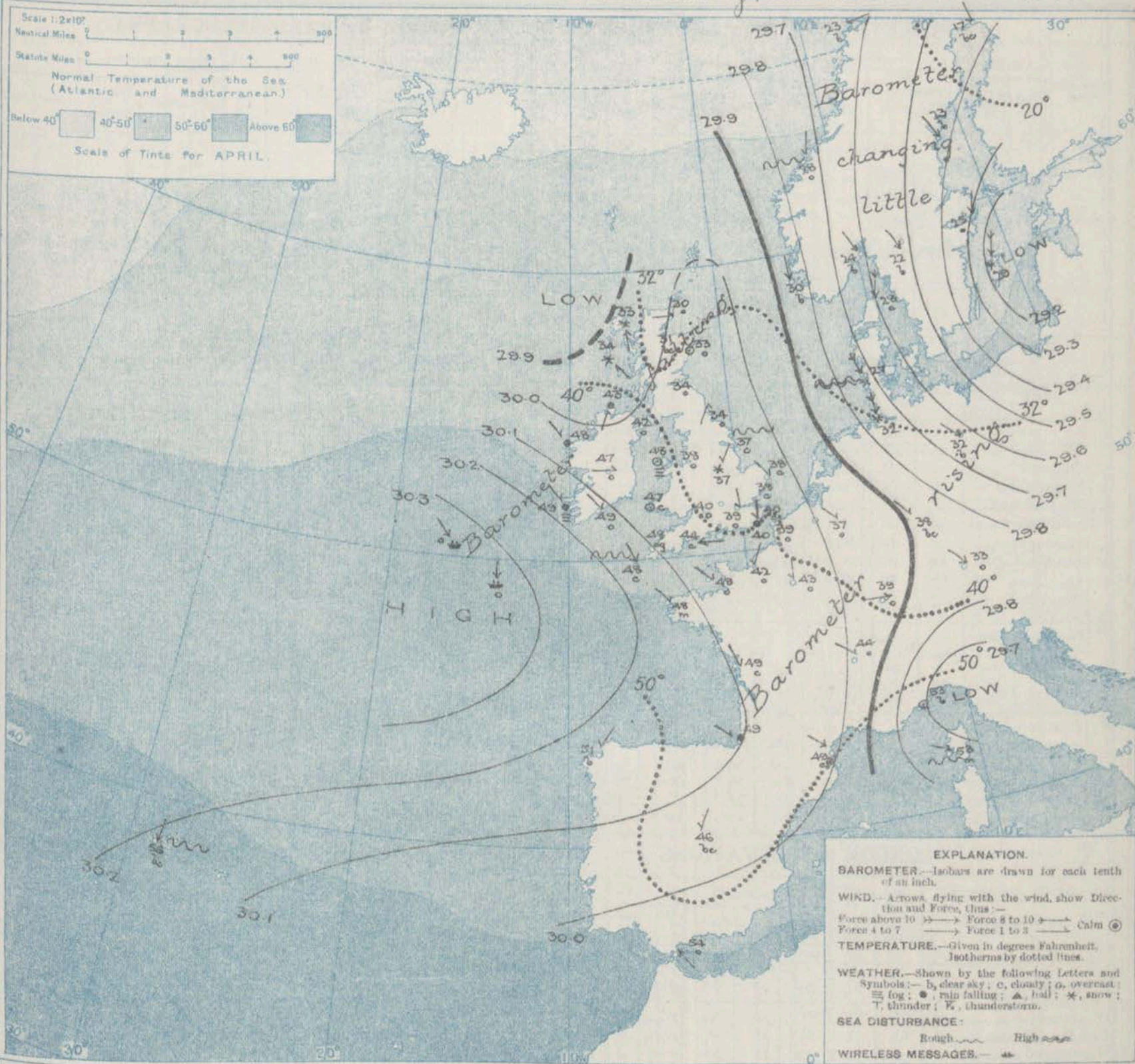
STORM WARNINGS.	
The Coasts upon which the Warning Signals are at present displayed are indicated thus:—	
Signals hoisted yesterday.	Signals hoisted this morning.
South Coast.	South Coast.
North Coast.	North Coast.
No Warnings Issued.	

- 6 {
a Same as Nos. 0 and 1.
b
- 7 {
a Same as Nos. 2 to 5.
b
- 8 {
a North-Westerly winds, light to
b fresh; much cloud, some rain or sleet;
temperature low.
- 9 {
a Wind between North and West,
b fresh or strong at times locally; some
rain or sleet; rather low temperature.
- 10 {
a
b

THE FURTHER OUTLOOK.

- 11 WESTERN CHANNEL AND BAY.
Wind mainly North-Westerly,
light or moderate to fresh; sea slight
or moderate; much cloud, some rain
and mist.

SYNOPTIC CHART FOR 7 A.M. Friday 11th APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.3 in. on the Atlantic to the southwestward of Ireland, and below 29.2 in. in a depression over the upper part of the Baltic, while off the extreme northwest of these islands it is falling decidedly and is below 29.9 in.

The wind is S.^{ly} in the extreme north of Ireland and the Hebrides, but mainly N. W.^{ly} over the United Kingdom as a whole, and light or moderate in force. Beyond the North Sea the direction is N.^{ly} and the force strong; a gale is reported on the Danish and North

German coasts and at Wisby. Temperature has risen in France, fallen in nearly all other regions. In many parts of Scotland the readings are about 32° , and over the greater part of England below 40° , but in the extreme south-west the figure increases to 48° , and on the south coast of Ireland to 49° . On the Continent the readings range from 54° at Gilmelia and 53° at Tivie to about 32° in North Germany, and to 20° in the north of Sweden. Snow is falling in the Hebrides and at Nottingham, rain at Drungness and in several parts of Ireland, and the weather over these islands generally is very cloudy or overcast, with fog at Holyhead and Valencia. Snow is falling on the eastern shores of the North Sea, and in Gothland, and rain at Biarritz.

DAILY WEATHER REPORT.

Friday, 11th April, 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 Jan.	48	14	Oceanic	H	30.34	-0.3	N	4-5	0										
"	50	16	Majestic	O	30.32	+0.1	NW	4-5	0	10th, 6 p.m.	51	12	Baltic	H	30.44	-0.7	NW	4-5	0
10th, 6 p.m.	48	21	Oceanic	H	30.51	+0.4	E	1-3	bc	" Jan.	46	26	Oceanic	H	30.54	+0.1	E	1-3	bc
"	50	20	Empress of Ireland	H	30.55	-0.9	NNE	4-5	0	"	50	17	Baltic	H	30.46	+0.2	NNE	4-5	0

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.		
	In.					Hr.		In.					Hr.	
Scotland.	Oban	0.20	60	44	c. bc.	bc. c.	1.3	Margate	0.08	47	39	od.	of.	0.0
	Stonehaven							Ramsgate	0.07	48	37	*	*	0.0
	St. Andrews		50	40	o	o	0.0	Deal	0.08	49	38	op. bc.	ogd. o.	0.0
	Carnoustie							Folkestone	0.13	49	39	r. bc.	of. o.	0.0
Engl. N.E.	Harrogate	0.01	46	41	op. o.	c. o.	0.0	Littlestone	*	*	*	*	*	0.0
	Scarborough	"	47	40	o	of	0.2	Hastings	0.02	49	39	op	o	0.0
England, N.W.	Blackpool	0.15	51	44	of	c. od.	2.2	Bexhill-on-Sea	0.02	50	40	oe	oe	0.0
	Southport	0.14	50	44	of	o. bc. o.	1.5	Eastbourne	-	50	38	o. c.	og. bc.	0.0
	Buxton	0.29	44	40	of	cr	0.0	Seaford						0.0
	Matlock							Brighton	0.02	50	39	o	of. o.	0.0
	Douglas							Worthing	0.02	56	37	od	od.	0.0
Wales	Rhyl	0.13	49	42	b	o	0.3	Littlehampton	-	*	*	*	*	0.0
	Colwyn Bay	0.12	50	44	bc. p. r.	r. bc.	0.0	Bognor	-	50	35	c. o.	o	0.0
	Llandudno	0.08	49	44	o	o	0.0	Southsea	-	58	38	o	o	0.0
	Bettws-y-Coed	"						Bournemouth	-	52	39	o. c.	c. o.	1.2
	Aberystwyth	0.09	48	45	p. o.	o. c. o.	0.2							0.0
England, E.	Lowestoft	0.05	45	39	of	of. c.	0.0	Weymouth	-	53	42	o. c.	c. bc.	0.0
	Felixstowe	0.08	50	39	cpm	m. of. c.	0.0	Teignmouth	-	51	43	c	c	0.0
	Walton-on-Naze	0.10	48	38	o	of. o.	0.0	Torquay	-	51	42	o	o	0.0
	Southend-on-Sea	0.14	50	40	bc	bc. p.	0.0	Paignton	-	52	42	o	o	0.0
								Ilfracombe	0.03	49	44	o	o	1.8
								Weston-super-Mare	-	53	43	o	o. bc. b.	0.0

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.	STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Min. on Grass.		Fore- noon.	After- noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.		
			Max.	Min.		Max.												Min.	
			24 HOURS ENDED 9 A.M. TO-DAY.															Hr.		In.	Max.	Min.	on Grass.	Night.	Fore- noon.	After- noon.
Greenwich (Royal Obs.) ...	89	71	49	37	35	0.12	op	op	op. o.	0.0	Dublin to 4 p.m.	Trace	52	46	44	op	od	op	
City (Bunhill Row) ...	"	"	"	"	"	"	"	"	"	0.0	Plymouth to 9 p.m.	—	51	41	29	o. c.	bc. od	od	
Westminster (St. James's Pk.)	89	73	50	39	37	0.06	oe	oe	otm	0.0	Darwen "	0.34	46	37	40	oe. r.	omr.	ot	
Camden Sq. (Brit. Rainfall)	87	72	52	38	37	0.09	o	od. of	o	0.0	Manchester "	"	"	"	"	"	"	0.0	
Hampstead (Reservoir) ...	"	72	47	35	34	0.09	o	ot.	o	0.0	Birmingham "	0.10	48	42	36	o	ot	ot	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.									Oxford to 8 p.m.	—	50	43	35	im. o.	o. og	ogd
			Total.		Average Rate.		Max. Rate.												
S. Kensington (Roof of M.O.)	88	79	24.8 Jones.		5.1 Milliwatts.		22.5 Milliwatts.		0.0	S. Kensington (Museum Grounds to 6 p.m.)	0.09	50	42	30	od. o	od	od. of		

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

11th & 12th Apr., 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 5.6 5.4	G.M.T. 11.54 11.54	G.M.T. 6.41 6.43
Greenwich	5.16 5.14	12.1 12.1	6.46 6.48
Wick	5.14 5.11	12.13 12.13	7.11 7.14
Valencia	5.56 5.54	12.42 12.42	7.28 7.30

During yesterday temperature rose to between 50° and 55° at a few places in the south and south-west of England and in Ireland, but remained below 45° in the north-east and below 40° at Wick. Slight rain fell over a considerable portion of the kingdom, and at nearly all places there was very little or no bright sunshine. Wireless reports show that between the Irish coast and the 25th meridian the main wind current was between North and North-East, the force light to moderate.

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,
12th April, 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.						PAST 24 HOURS.						Sun- shine for Yester- day.	
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		TEMP.		WEATHER.					
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).	Weather.	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.
Spitzbergen ...	29.76	-7	-	0	b	29.97	+0.2	-37	-37	-	0	b	-	-	0	7	-	-	-	Hours
Lerwick ...	29.86	33	ENE	2	c	29.99	+0.2	33	+5	NW	3	o	2	Trace	34	28	c	c	ops	*
Stornoway ...	29.68	42	E	3	cp	30.04	+0.7	36	+3	E	3	c	3	0.31	45	32	cp-ot	ot-cp	cc	1.0
Castlebay (Barra Isd.) ...	29.71	45	WNW	4	c	29.97	+0.6	38	+4	NNW	2	c	3	0.26	47	34	scdph	hp-ot-c	c-bc	3.5
Malin Head ...	29.71	43	NW	5	cpmq	29.93	+0.5	43	0	N	2	c	3	0.34	46	42	omq	omq	cm	*
Blacksod Point ...	29.92	43	NNW	6	o	30.03	+0.2	44	-4	N	4	c	4	0.08	51	42	opa	om	og	*
Valencia ...	30.00	49	NW	4	om	30.08	+0.3	45	-4	NNW	4	cp	4	0.03	51	44	omd	om	c-bp	0.0
Roche's Point ...	29.91	48	NW	5	o	30.03	*	45	-4	NNW	3	c	2	0.01	53	44	opg	opg	olbr	*
Birr Castle ...	29.86	50	W	5	c	30.00	*	40	-7	NW	2	bc	*	0.02	52	39	cp	cp	c-bc	1.3
Donaghadee ...	29.69	44	NNW	4	cpq	29.95	+0.6	39	-3	N	3	o	3	0.29	47	37	otm	cp	ompo	*
Liverpool Obsy. ...	29.61	42	WNW	5	r	29.95	+1.0	36	-2	ENE	2	o	2	0.36	45	34	oths	ot	go	0.0
Holyhead ...	29.68	46	NNW	5	c	29.93	+0.5	40	-8	SE	2	o	1	0.30	49	39	ot	cp	ogm	0.6
Pembroke (St. Ann's Isd.) ...	29.78	48	WNW	5	c	29.94	+0.6	41	-6	NNE	1	cp	0	0.03	49	42	cm	ogp	ogp	0.0
Newquay ...	29.85	49	WNW	5	o	29.91	?	46	-2	NW	6	bc	5	-	50	44	o	o-c-o	c	2.0
Scilly (St. Mary's) ...	29.92	50	NW	6	cm	29.94	+0.4	46	-2	NNW	5	bc	5	-	52	44	cm	cm	bc	0.2
Jersey (St. Aubin) ...	29.89	50	W	4	ogm	29.85	*	43	-5	NNE	5	bc	4	0.01	54	42	o-cm	c-ogm	ogp	1.3
Portland Bill ...	29.69	49	W	5	r	29.88	+1.1	39	-5	NNE	4	c	3	0.05	49	36	c-o	ot	cp	*
Dungeness ...	29.67	43	SSW	5	r	29.72	+1.7	40	0	NNE	7	og	6	0.35	43	37	o	ot	ogp-o	*
Dover ...	29.74	37	S	4	r	29.75	*	37	-3	NE	7	s	6	0.43	44	35	ot	ot	otps	0.0
Wick ...	29.73	33	SE	5	c	30.01	+0.6	35	+5	NE	2	o	4	0.04	36	29	osq	os.cps	ogps	*
Nairn ...	29.66	36	-	0	o	30.00	*	33	+2	-	0	c	1	0.31	36	30	s	s-go	gc	0.0
Aberdeen ...	29.72	34	SE	4	s	30.02	+0.4	30	-3	WNW	1	b	2	0.38	34	29	os	os	os-o-b	0.0
Leith ...	29.60	34	SE	1	r	29.99	+0.8	35	+1	ESE	1	cp	*	0.36	38	32	ost	ost	og	*
North Shields ...	29.64	33	ESE	3	rs	29.97	+0.8	36	+2	NNE	3	c	4	0.45	37	31	o	s	ots-o	0.0
Spurn Head ...	29.65	35	SSE	5	r	29.89	+1.0	37	0	NNE	5	c	6	0.38	39	33	o	ots	ogpse	0.0
Yarmouth ...	29.75	36	S	3	s	29.81	+0.5	37	-1	NNE	5	bc	5	0.60	42	34	c-o	od	omts	0.6
Clacton-on-Sea ...	29.72	35	SSE	4	r	29.78	+1.3	36	-2	NW	3	c	2	0.59	45	34	c-ops	ots	ogp	2.1
Nottingham ...	29.63	35	SSW	2	r	29.91	*	36	-3	N	3	cm	*	0.37	37	32	s	st	r-o	3.7
Bath ...	29.67	49	WNW	1	r	29.92	*	38	-2	NNE	2	o	*	0.14	50	36	-	-	-	0.0
London (Kew Obsy.) ...	29.64	40	SSE	2	om	29.85	+1.4	36	-3	NNE	4	bc	*	0.39	45	35	m-m	om-m	om-o	0.0
Isafjord ...	30.05	34	E	4	o	29.91	-0.8	30	+1	E	2	o	*	*	*	*	*	*	*	
Reykjavik ...	29.99	34	W	3	o	29.91	-0.4	32	-1	E	4	o	*	*	*	*	*	*	*	
Vestmanna ...	30.01	36	NW	7	bc	29.99	-0.5	32	-3	-	0	o	1	*	*	*	*	*	*	
Seydisfjord ...	29.95	28	-	0	s	29.99	-0.1	28	0	SSW	2	o	*	*	*	*	*	*	*	
Thorshavn ...	29.91	35	SE	2	o	30.04	+0.1	27	-1	-	0	b	*	*	*	*	*	*	*	
Haparanda ...	29.59	20	N	4	c	29.61	0.0	19	+2	N	6	o	*	*	27	16				
Hernösand ...	29.52	29	E	4	o	29.58	+0.2	25	+2	N	6	b	*	*	30	23				
Stockholm ...	29.24	26	NNW	8	s	29.22	+0.4	27	+2	NNE	9	o	*	0.08	28	25				
Wisby ...	29.25	27	N	9	s	29.00	-0.1	32	+3	NNE	8	o	*	0.59	34	25				
Karlstad ...	29.52	28	NNW	6	b	29.49	0.0	25	+3	N	6	bc	*	*	36	22				
Færder (X'lantia Fjord) ...	29.60	34	NW	6	b	29.63	0.0	30	+6	N	8	b	3	-	36	25				
Bodö ...	29.71	27	SW	4	c	29.79	+0.1	21	-2	E	2	b	1	0.12	32	21				
Christiansund ...	29.80	29	NNE	1	s	29.84	+0.1	29	+1	NNE	2	bc	4	0.59	30	27				
Skudesnaes ...	29.79	32	N	6	b	29.82	0.0	32	+2	N	4	b	2	-	36	28				
The Scaw (Skagen) ...	29.58	36	N	8	b	29.62	+0.1	32	+4	N	8	bc	3	-	37	27				
Blaavands Huk ...	29.71	33	NNW	3	s	29.70	+0.2	35	+8	NNE	2	r	1	Trace	46	25				
Cuxhaven ...	29.77	35	N	3	b	29.66	-0.3	36	+4	N	4	b	*	0.08	37	28				
The Helder ...																				
Brussels ...																				
Berlin ...	29.67	31	NW	5	b	29.60	-0.3	30	-2	W	4	b	*	Trace	41	25				
Frankfurt ...	29.83	35	NW	1	o	29.54	-0.2	30	-8	NE	1	s	*	0.04	43	30				
Munich ...	29.84	33	NW	4	c	29.50	-1.2	30	-3	E	5	s	*	0.04	37	28				
C. Gris Nez ...	29.73	39	SSE	4	r	29.67	+0.2	39	0	NE	8	o	7	0.51	46	36				
La Hève ...	29.85	46	WSW	4	r	29.69	*	39	-3	N	6	c	7	0.39	54	37				
Brest (St. Mathieu) ...	30.00	50	NW	4	o	29.93	+0.4	47	-1	N	4	c	3	-	54	45				
Lorient (Bec Melon) ...	29.94	51	WNW	3	o	29.81	*	46	0	NW	4	b	3	-	54	46				
Rochefort (Ile d' Aix) ...	29.98	51	WNW	4	o	29.92	+0.3	49	0	NW	5	bc	*	-	54	48				
Biarritz ...	30.05	53	WNW	3	o	29.90	-0.2	50	+1	NW	4	o	8	0.12	57	46				
Paris ...	29.85	42	SSW	1	r	29.48	0.0	38	-5	NW	7	o	*	0.39	50	38				
Belfort ...	29.91	40	W	5	o	29.39	*	37	-2	N	8	r	*	0.47	49	32				
Lyons ...	29.91	44	NW	2	o	29.62	*	42	-2	NW	4	r	*	0.20	52	40				
Nice ...	29.63	53	-	0	b	29.45	-0.4	52	-1	-	0	b	2	-	63	46				
Perpignan ...	29.90	55	NW	3	bc	29.75	-0.4	57	+8	NW	2	c	*	-	62	49				
Sanguinaire ...		54	WNW	4	m		*	55	+2	W	6	m	6	-	57	48				
Corunna (8 a.m.) ...	30.10	48	NNW	5	b	30.02	0.0	51	0	NNE	3	o	3	-	59	46				
Lisbon (9 a.m.) ...	29.91	60	SW	3	b	29.88	-0.1	55	-2	NNE	3	o	5	-	68	52				
Gibraltar ...	29.99	56	E	2	bc	29.90	*	54	0	E	2	bc	1	-	63	53				
Azores (P. Delgada) ...																				
Azores (Horta) ...	30.15	55	NE	4	o	30.12	0.0	55	-1	NNE	5	bc	3	0.04	59	55				
Madeira (Funchal) ...	29.67	63	SW	4	r	29.69	-0.1	60	-1	SW	4	r	4	0.39	64	48				

* Information for these columns not usually received.

† Received too late for insertion in Charts.

GALES.

Duration and Extreme Force
on British Coasts.

Malin Isd. 2pm-10pm

Extreme NW. 9.

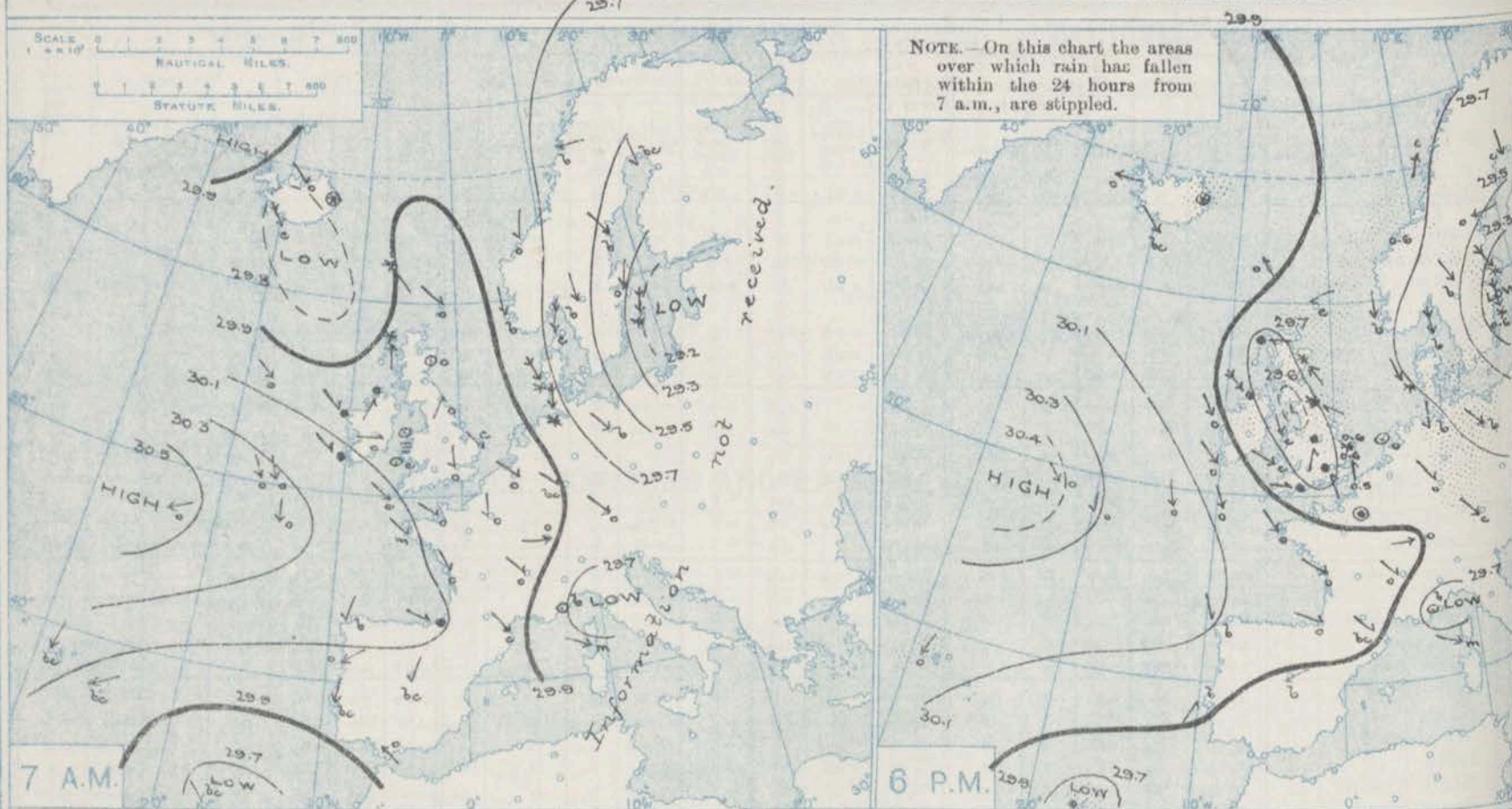
Dungeness. Midt.

Squall NNE. 8.

Pover. 2am-5am

Extreme NE. 8.

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



GENERAL INFERENCE

Local irregularities of pressure over these Islands will maintain the weather in an unstable condition to day, and there are some

WEATHER PROSPECTS.

indications that another depression is approaching Iceland.

FORECASTS FOR THE 24 HOURS NOON Saturday TO NOON Sunday.

- 0 {
a Northwesterly or North-Easterly
b winds, backing later, light or moderate; changeable, some snow or sleet showers; cold, frost at night.
- 1 {
- 2 {
a Wind between North and
b North-East, decreasing gradually in force; changeable, some rain, sleet or snow, fair at times; temperature low, frost at night.
- 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.

North Coast hoisted at 7.15 pm in Districts 0 and 5 to 11.

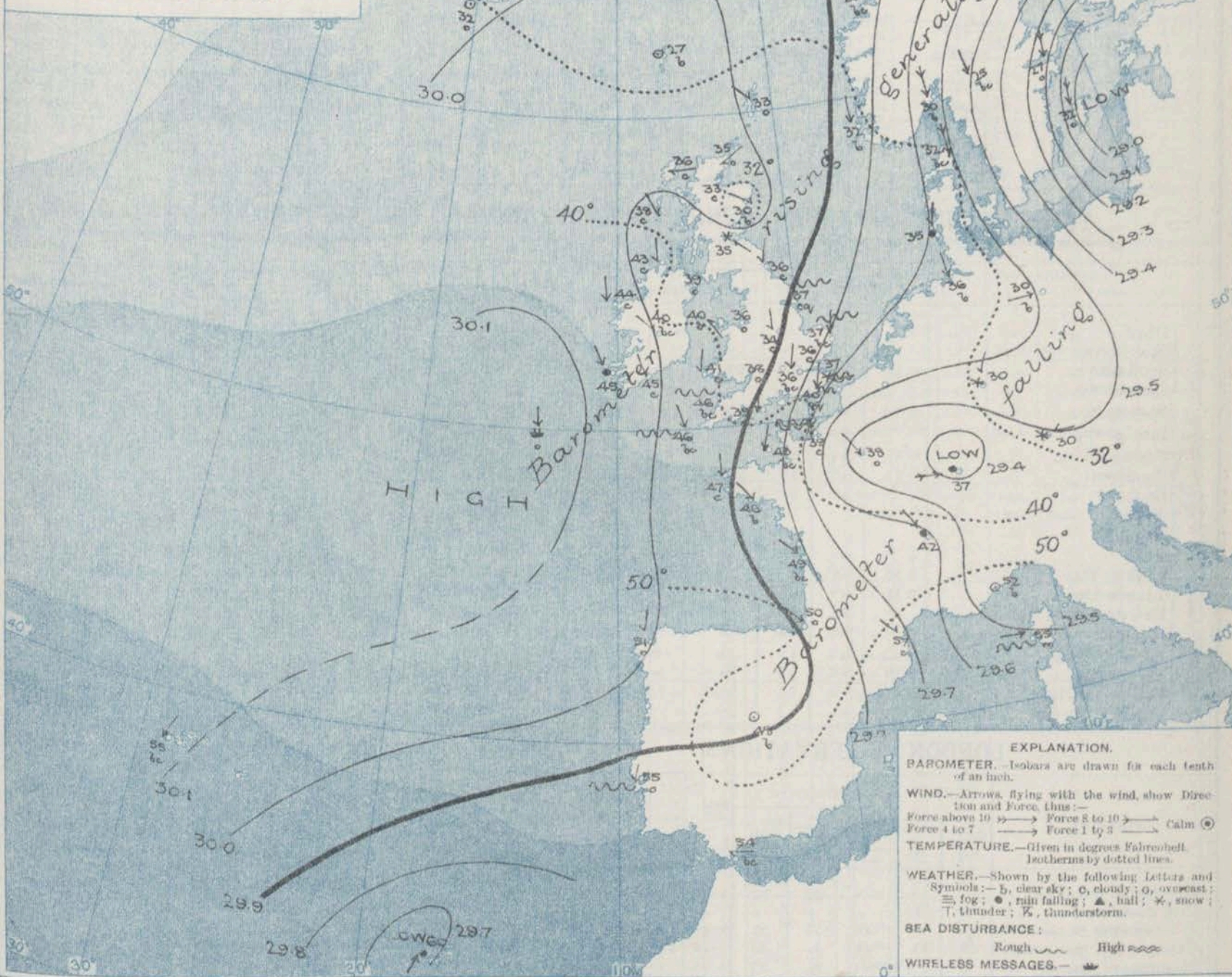
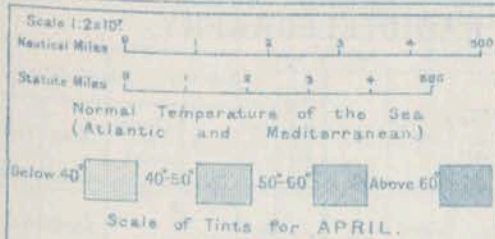
- 6 {
a Same as Nos. 0 and 1.
b
- 7 {
a Same as Nos. 2 to 5.
b
- 8 {
a Northwesterly winds, fresh to moderate or light; changeable, some rain or sleet; cold, night frost inland.
b
- 9 {
a Wind mainly Northwesterly, light or moderate; variable sky, some rain, sleet or snow; cold, frost inland at night.
b
- 10 {
a
b

11 WESTERN CHANNEL AND BAY.

Northwesterly and North-Westerly winds, fresh or strong to moderate; sea rather rough; mostly fair, some showers.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Saturday, 12th APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.1 in. at the Azores, and above 30.0 in. to the westward and northward of the United Kingdom. In Gotland it is as low as 29 in., and over the east of France below 29.4 in. A fresh fall has commenced in Iceland, but generally the barometer is rising.

The wind is strong to a gale from the N.W. or N.E. over the Straits of Dover, and light to fresh from some N.W. point over these islands as a whole. A N.W. gale is blowing over the Baltic and south of Scandinavia, and a W. gale at Belfort.

Temperature is much below the normal in almost all regions. Over this country it ranges from 46° in the extreme southwest to below 40° generally, and to 30° at Aberdeen. Frost is general throughout Scandinavia and Germany. Snow is falling at Leith and Dover, and rain showers are reported at Valencia, while in many parts of these islands the sky is cloudy or overcast. Snow is general in South Germany, and rain in the east of France, as well as at Blavaards Huk. In nearly all parts of Scandinavia the sky is clear.

DAILY WEATHER REPORT.

Saturday, 12th April 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O-Downward H-Homeward	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O-Downward H-Homeward	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
12th, 7 a.m.	49	13	Lapland	H	30.18	-0.03	N	4-5	0.	11th, 1 p.m.	49	11	Vaderland	O	30.18	-0.03	NW	6-7	0.
11th, 6 p.m.	49	21	Majestic	O	30.40	+0.02	NW	4-5	0.	" 7 a.m.	47	23	Lapland	H	30.54	0.00	ENE	4-5	0.
" "	49	18	Lapland	H	30.32	-0.12	N	1-3	0.	" "	55	17	Mongolian	O	30.17	-0.02	WNW	6-7	0.
" "	49	12	Vaderland	O	30.18	+0.01	NNW	6-7	0.	" "	50	15	Empress of Ireland	H	30.35	-0.10	NNW	4-5	0.
" "	49	9	Oceanic	H	30.16	+0.03	NNW	4-5	0.										
" 1 p.m. GMT	45 1/2	47	Scotia	O	29.84	-0.07	SSE	4-5	1.										
Dry Bulb 44°, Sea Temp. 36.3°																			

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.					Hr.	England, S.E.		In.					Hr.
{ Oban ...								{ Margate ...		0.11	46	39	b. os.	ot.	1.0
{ Stonehaven ...								{ Ramsgate ...		0.14	44	36	"	"	0.8
{ St. Andrews ...		0.28	49	33	os	os	0.0	{ Deal ...		0.24	44	37	a. c. bc	ot	0.1
{ Carnoustie ...								{ Folkestone ...		0.19	42	36	ot	"	0.0
Eng. N.E.								{ Littlestone ...		"	"	"	"	"	0.0
{ Harrogate ...		0.30	33	31	os	os	0.0	{ Hastings ...		0.33	46	38	o	ot	0.0
{ Scarborough ...		"	40	35	ot	ot	0.0	{ Bexhill-on-Sea ...		0.36	44	39	gr	"	0.0
England, N.W.								{ Eastbourne ...		0.42	49	39	d. c.	od. r.	0.0
{ Blackpool ...		0.31	44	38	of. r.	ot.	0.0	{ Seaford ...		0.36	49	39	o. r.	ot.	0.0
{ Southport ...		0.25	43	35	ots	ot. bc	0.0	{ Brighton ...		0.37	45	40	ot	"	0.0
{ Buxton ...		0.27	33	31	ch. o.	cs. o.	0.0	{ Worthing ...		0.34	46	40	ot	"	0.0
{ Matlock ...								{ Littlehampton ...		0.28	"	"	"	"	0.0
{ Douglas ...								{ Bognor ...		"	"	"	"	"	0.0
Wales.								{ Southsea ...		0.19	47	40	o. ot	ot. o	0.0
{ Rhyl ...		0.37	49	40	ot	ot	0.0	{ Bournemouth ...		0.05	49	40	od.	od. r.	0.0
{ Colwyn Bay ...		0.38	48	41	bcp	p. r.	0.0	{ Weymouth ...		0.06	54	43	o	ot	0.0
{ Llandudno ...		0.38	47	40	ot	ot. bc	0.0	{ Teignmouth ...		"	52	48	c	cp	0.0
{ Bettws-y-Coed ...		"	53	39	c. bc.	bc. c.	0.3	{ Torquay ...		"	53	47	o	o	0.0
{ Aberystwyth ...		0.30	49	45	r. ot	r. o. c.	0.0	{ Paignton ...		0.01	55	42	o. bc.	o	0.0
England, E.								{ Ilfracombe ...		0.08	49	46	oe. md.	md.	0.0
{ Lowestoft ...		0.04	41	35	c. o.	ots	0.2	{ Weston-super-Mare ...		0.05	49	41	o	ot	0.0
{ Felixstowe ...		0.16	45	35	bc. o.	m. ot.	3.1								
{ Walton-on-Naze ...		0.11	48	35	b. ot.	s. ts. r.	2.5								
{ Southend-on-Sea ...		0.19	42	37	o	ot	0.0								

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain- fall.	WEATHER.			Sun- shine for Yester- day.	STATIONS.	RAIN- FALL.	TEMPERATURE.			WEATHER.			Sun- shine for Yester- day.			
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.		Mid. 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.) ...	94	58	44	34	30	0.41	0	ots	ot. bc.	0.0	Dublin to 4 p.m.	0.16	51	45	42	c. ot	gr	5.2 b.	0.6			
City (Banhill Row) ...	*	*	*	*	*	*	*	*	*	0.0	Plymouth to 9 p.m.	0.01	53	47	42	od	o. bc.	bc.	0.0			
Westminster (St. James's Pk.)	94	60	45	35	32	0.45	0	ots	ts. bc.	0.0	Darwen "	0.33	39	31	31	ot	ots	st	0.0			
Camden Sq. (Brit. Rainfall)	95	56	43	34	30	0.48	0.0d	odm.	ot. bc.	0.0	Manchester "	0.38	42	34	"	0.03	os	os. ot	0.0			
Hampstead (Reservoir) ...	*	?	41	32	27	0.46	0	ots	ot. bc.	0.0	Birmingham "	0.45	43	32	31	r	s	c.	0.0			
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										Oxford to 8 p.m.									
			Total.		Average Rate.		Max. Rate.															
S. Kensington (Roof of M.O.)	98	63	170 Joules.		3.5 Milliwatts.		1.3 Milliwatts.		0.0		S. Kensington (Museum Grounds to 6 p.m.)	0.31	47	35	32	ot. og	o. th	ots. ot				

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

12th & 13th Apr. 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	5.4	11.54	6.43
	5.2	11.54	6.45
Greenwich ...	5.4	12.1	6.48
	5.12	12.1	6.50
Wick ...	5.11	12.13	7.14
	5.9	12.13	7.17
Valencia ...	5.54	12.42	7.30
	5.52	12.42	7.32

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to very little above the freezing point over a large area in the north of these Islands and fell below it at some places at night. Rain, sleet and snow occurred very generally, the amount being considerable in most localities, as much as 0.6 in at Yarmouth and Blacton-on-Sea. Scarcely any bright sunshine was recorded yesterday. According to wireless reports moderate northerly breezes prevailed as far west as the 22nd meridian.

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday
13th April 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. 45°.	Dry Bulb.	Dir.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	Force (0 to 12).				Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.			
Spitzbergen ...	29.96	-6	-	0	0	29.95	+0.02	4	+1.1	N	1	0	?	-	4	-37	0	0	0	0	0		
Lerwick ...	In.	37	NW	3	b	29.93	-0.05	38	+5	S	4	bc	4	-	39	32	c	bc	bc	bc	Hours		
Stornoway ...	30.11	40	E	3	bc	29.93	-0.05	42	+6	SE	5	c	4	Trace	44	33	c	bc	bc	bc	7.0		
Castlebay (Barra Isd.) ...	30.08	42	NE	2	bc	29.94	-0.03	44	+6	SSW	3	c	3	0.06	44	37	c.op.c	c.bc	c.bc	c.bc	4.0		
Malin Head ...	30.07	45	N	1	b	30.01	-0.02	40	-3	WSW	1	b	1	-	47	38	bc	bc	bc	bc	0		
Blacksod Point ...	30.08	48	NNW	3	0	30.02	-0.04	47	+3	N	2	c	3	0.02	50	40	om	om	om	om	0		
Valencia ...	30.11	48	NNW	4	c	30.07	-0.00	38	-7	MNE	1	c	3	0.04	51	34	cp	c	c	c	4.3		
Roche's Point ...	30.06	51	N	3	b	30.08	-	40	-3	N	1	b	1	Trace	55	39	bc	bc	bc	bc	0		
Birr Castle ...	30.05	49	NW	2	0	30.05	-	37	-3	W	2	c	0	-	54	34	c	c	c	c	7.3		
Donaghadee ...	30.07	43	SE	2	c	30.06	-0.02	40	+1	SE	1	0	1	-	46	38	em	c	c	c	0		
Liverpool Obsy. ...	30.09	39	RSE	1	0	30.12	-0.00	34	-2	SE	3	b	2	-	42	33	em	em	em	em	0.5		
Holyhead ...	30.04	44	ENE	2	m	30.07	-0.00	40	0	SE	2	m	0	-	48	37	em	bc	em	em	5.0		
Pembroke (St. Ann's Hd.) ...	30.04	44	SSW	2	c	30.09	+0.02	39	-2	ENE	1	bc	2	-	48	37	cg	c	c	cg	1.8		
Newquay ...	30.05	46	SE	2	c	30.07	+0.01	45	-1	SE	2	c	3	-	49	40	bc	bc	bc	bc	7.2		
Scilly (St. Mary's) ...	30.05	48	NNE	2	bc	30.05	+0.01	47	+1	WNW	3	c	3	Trace	52	43	bc	bc	bc	bc	9.2		
Jersey (St. Aubin) ...	30.06	44	NNE	3	cg	30.14	-	37	-6	E	2	bc	1	-	48	31	c.op.c	c	c	bc	4.8		
Portland Bill ...	30.06	42	NE	3	c	30.13	+0.02	41	+2	NE	2	b	2	-	44	34	c	c	c	c	0		
Dungeness ...	30.00	40	NNW	3	bc	30.10	+0.02	33	-7	NW	3	bc	2	-	43	27	cg	cg	cg	cg	0		
Dover ...	30.01	37	N	3	bc	30.10	-	36	-1	NW	4	b	4	0.03	43	31	sf.c	ops.c	ops.c	ops.c	3.7		
Wick ...	30.09	37	N	2	c	29.97	-0.03	36	+1	SVV	3	c	3	-	39	29	a.c	c	c	bc.c	0		
Nairn ...	30.10	39	-	0	bc	29.99	-	31	-2	-	0	bc	1	Trace	39	23	cg	b.bc	bc	bc	2.1		
Aberdeen ...	30.11	38	NNW	2	0	30.06	-0.01	35	+5	SW	1	c	2	-	41	28	b.bc	c.o	c.o	c.bc	3.3		
Leith ...	30.09	38	-	0	0	30.05	-0.01	37	+2	-	0	0	0	0.04	39	33	eps.bc	bc.o	0	0	0		
North Shields ...	30.09	39	N	3	c	30.11	-0.00	35	-1	SW	1	c	2	-	44	30	c	c	c	c	7.4		
Spurn Head ...	30.04	39	N	5	c	30.09	-0.00	37	0	NNW	5	c	5	-	42	33	bc	bc	bc	cg	4.7		
Yarmouth ...	30.00	40	NNW	3	bc	30.09	+0.02	34	-3	NNW	1	bc	1	0.06	43	33	bc	bc	bc	bc	6.0		
Clacton-on-Sea ...	30.02	40	NNW	2	c	30.10	+0.02	33	-3	NNW	2	b	1	Trace	42	31	c.bc.c	eps.c	c	c	2.6		
Nottingham ...	30.07	40	NW	3	c	30.13	-	32	-2	WSW	1	bc	0	-	43	27	c	c	c	c	5.9		
Bath ...	30.08	42	NE	1	0	30.14	-	34	-4	NE	2	0	0	-	44	32	-	-	-	-	0.9		
London (Kew Obsy.) ...	30.06	40	NNE	3	0	30.16	+0.02	32	-4	-	0	bc	0	-	41	29	bc.c.o	o.c.o	o.c.o	o.c.o	4.0		
Isafjord ...	29.34	37	SE	7	r	29.02	-0.00	37	+7	-	0	c	0	-	-	-	-	-	-	-	0		
Reykjavik ...	29.45	42	E	4	r	29.08	-0.04	39	+3	SSW	3	0	0	-	-	-	-	-	-	-	0		
Vestmanna ...	29.62	42	S	5	r	29.18	-0.06	39	+7	WNW	2	0	0	-	-	-	-	-	-	-	0		
Seydisfjord ...	29.76	41	-	0	c	29.13	-0.07	42	+14	E	2	c	1	-	-	-	-	-	-	-	0		
Thorshavn ...	29.91	42	SW	5	0	29.62	-0.07	44	+17	SW	5	0	0	-	-	-	-	-	-	-	0		
Haparanda ...	29.63	19	N	6	c	29.59	-0.01	23	+4	N	4	s	0	0.04	23	16	0	0	0	0	0		
Hernösand ...	29.69	27	N	6	b	29.78	+0.09	22	-3	N	4	b	0	-	22	16	0	0	0	0	0		
Stockholm ...	29.47	28	N	8	s	29.73	+0.10	27	0	NNW	8	0	0	0.04	28	25	0	0	0	0	0		
Wisby ...	29.37	30	NE	8	0	29.65	+0.01	30	-2	N	8	s	0	0.28	36	27	0	0	0	0	0		
Karlstad ...	29.66	31	-	0	b	29.89	+0.10	26	+1	N	4	b	0	-	34	21	0	0	0	0	0		
Färder (X'ania Fjord) ...	29.71	35	N	7	b	29.95	+0.04	31	+1	NNW	5	b	2	-	36	28	0	0	0	0	0		
Bodö ...	29.36	19	E	2	b	29.90	+0.02	17	-4	E	2	b	1	-	27	12	0	0	0	0	0		
Christiansund ...	29.91	29	W	3	s	29.93	+0.01	32	+3	SW	3	s	3	0.63	32	27	0	0	0	0	0		
Skudesnaes ...	29.90	33	NNW	6	b	30.00	+0.01	34	+2	NE	2	b	2	-	34	28	0	0	0	0	0		
The Scaw (Skagen) ...	29.71	37	ENE	7	b	29.93	+0.05	32	0	NNE	6	b	2	-	39	32	0	0	0	0	0		
Blaavands Huk ...	29.79	37	N	3	c	29.95	+0.05	36	+1	NE	1	b	1	-	37	27	0	0	0	0	0		
Cuxhaven ...	29.80	36	N	6	b	29.93	+0.05	38	+2	NE	3	b	0	-	38	34	0	0	0	0	0		
The Helder ...	29.94	38	NNW	5	c	30.02	+0.04	35	-2	NNW	3	bc	3	0.04	39	34	0	0	0	0	0		
Brussels ...	29.97	35	NW	3	b	30.05	+0.04	33	+5	WNW	2	0	0	0.04	40	29	0	0	0	0	0		
Berlin ...	29.67	33	NW	3	b	29.87	+0.06	33	+3	W	2	b	0	Trace	37	28	0	0	0	0	0		
Frankfurt ...	29.87	33	N	1	c	29.98	+0.04	32	+2	W	1	bc	0	0.04	41	25	0	0	0	0	0		
Munich ...	29.77	26	NW	4	0	29.97	+0.03	24	-6	W	4	c	0	0.51	32	19	0	0	0	0	0		
C. Gris Nez ...	30.02	39	N	5	c	30.10	+0.02	39	0	NNW	4	bc	3	0.08	43	34	0	0	0	0	0		
La Hève ...	30.02	39	NE	3	0	30.11	-	37	-2	NE	2	bc	2	-	46	36	0	0	0	0	0		
Brest (St. Mathieu) ...	30.06	50	SSW	3	bc	30.15	+0.01	39	-8	E	2	c	1	-	52	37	0	0	0	0	0		
Lorient (Bec Melen) ...	29.96	46	NE	4	bc	30.08	-	39	?	ESE	2	b	1	-	50	34	0	0	0	0	0		
Rochefort (Ile d' Aix) ...	29.94	48	NNE	4	c	30.05	+0.04	39	-10	ENE	3	b	0	-	55	36	0	0	0				

GALES.
Duration and Extreme Force
on British Coasts.

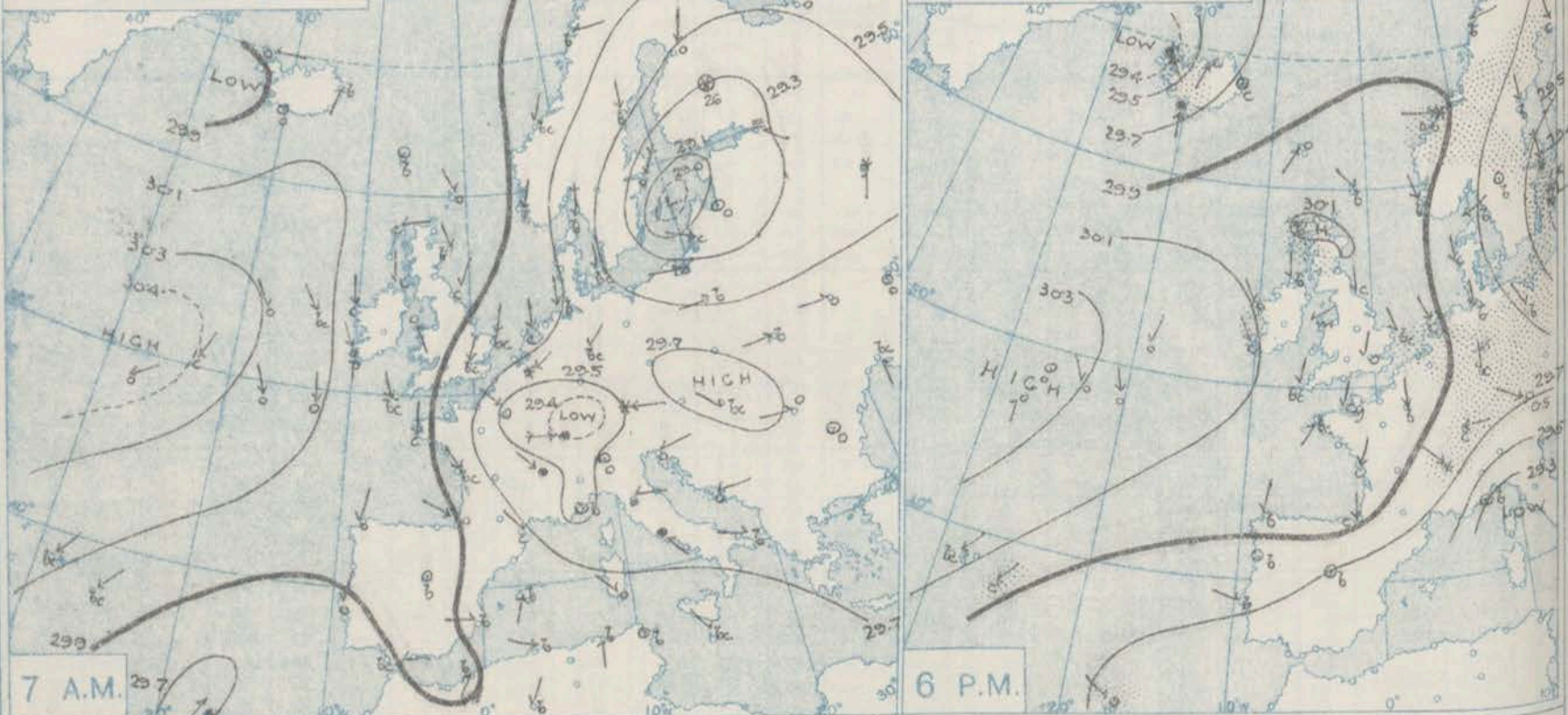
* Information for these columns not usually received.

† Received too late for insertion in Charts.

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

SCALE
NAUTICAL MILES
STATUTE MILES

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



GENERAL INFERENCE

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON 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

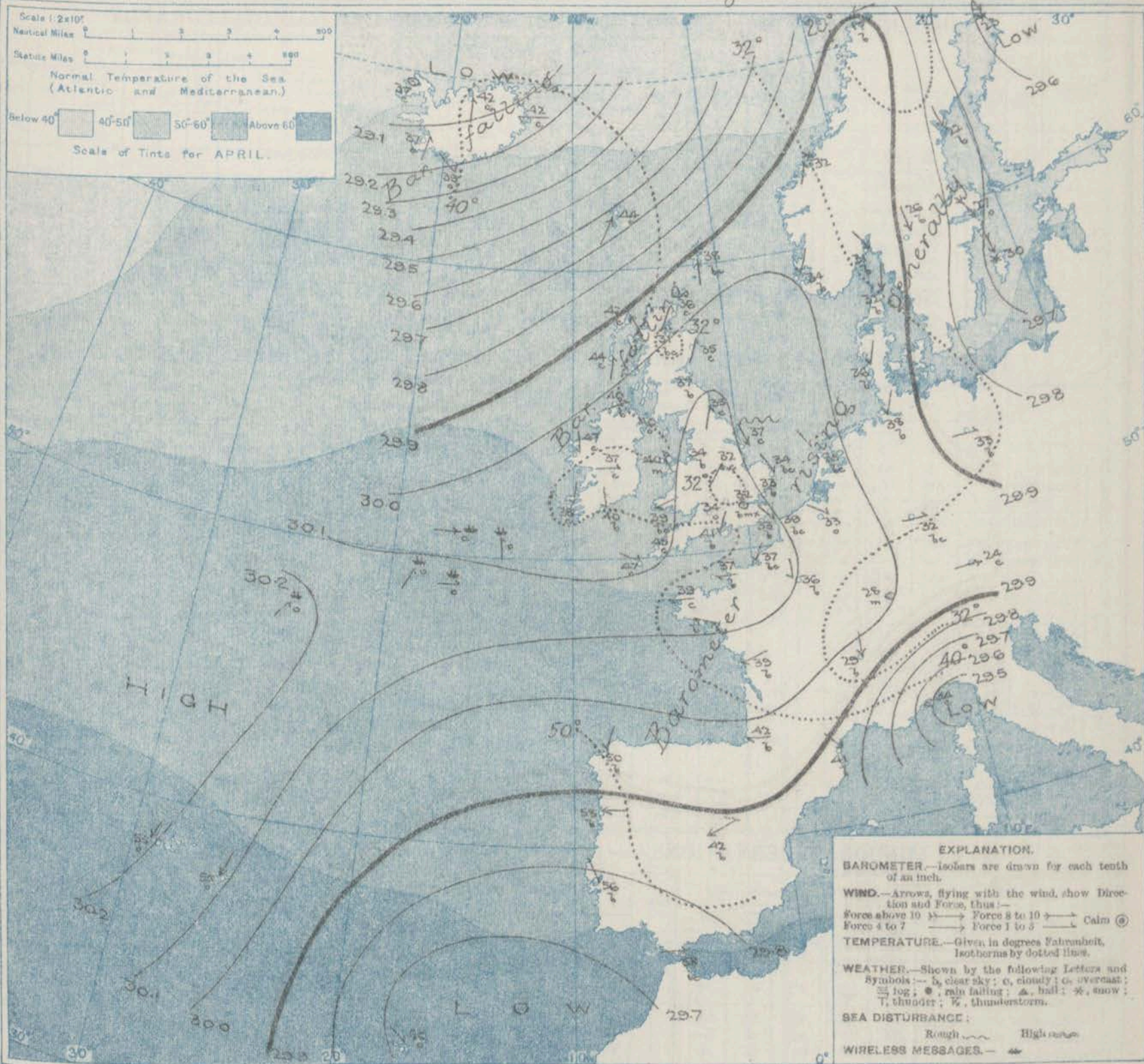
11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

None Issued.

None Issued.

SYNOPTIC CHART FOR 7 A.M. Sunday, 13th APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is highest, above 30.1 in., over England, and along a belt thence to the Azores. In a depression between Iceland and Greenland pressure is at 29 in., in another on the Riviera at 29.5 in., and in a third, between Madeira and Morocco, below 29.7 in. There is a considerable gradient between Shetland and Iceland, and over south-eastern France.

The winds vary greatly in direction and force, blowing a Northerly gale on the Baltic, but as a rule light breezes are reported. At the home stations temperature ranges from 31° at Barm, and 32°

at Nottingham and New Observatory to 47° at Blackrod Point and Sally; on the Continent from 24° at Munich to 50° at Boulogne, and 58° at Gibraltar; in Scandinavia from 17° at Bodö to 34° at Skudestaet; and in Iceland from 37° to 42°. At Spitzbergen the reading is 4°, a rise of 41° in twenty-four hours. Fair to fine weather prevails extensively, but snow is falling at Christiansund and Wisby. The sea is rather rough off the Humber, moderate to very smooth elsewhere.

DAILY WEATHER REPORT.

Sunday, 13th April, 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 1 p.m.	43° 49'	49	Scotia	O	30.41	+0.6	NE	4-5	b	12th 6 p.m.	54 12		Cameronia	H	?	+0.1	N	1-3	0
" 7 a.m.	47 24		Air Temperature		33°					" 1 p.m.	45 49		Scotia	O	30.09	+0.2	WGW	1-3	6
" "	51 14		Sea Temperature		30.25	-0.3	WSW	1-2	0	" "	49 12		Mount Temple	O	30.21	+0.2	N	4-5	0
" "	46 28		Mesaba	H	30.06	-0.3	S	1-2	0	" "	48 27		Ausonia	H	30.40	-0.4	ENE	4-5	0
" "	48 26		Mesaba	H	30.38	-0.5	S	1-3	0	" "	50 23		Tunisian	H	?	-0.3	NNE	4-5	0
" "	48 23		Mesaba	H	30.43	0.0	-	0	0	" "	52 18		Cameronia	H	30.43	+0.5	NW	1-3	0
" "	48 23		Ausonia	H	30.27	-0.7	NNW	1-3	0	" "	49 17		Vaderland	O	30.25	+0.7	?NNW	?6-7	0
" "	48 20		Vaderland	O	30.28	-0.2	NNW	4-5	0	" "	53 13		Pietoman	H	?	?	NW	6-7	bc
" "	51 19		Tunisian	H	30.25	-0.4	NNE	1-3	0										

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

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

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rainfall.	WEATHER.			Sunshine for Yesterday.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.				In Screen.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.	
	%	%	Max.	Min.		24 HOURS ENDED 9 A.M. TO-DAY.						Max.	Min.				
Greenwich (Royal Obs.)	59	60	44	29	18	-	c	e, bc	4.3	Dublin to 4 p.m.	0.10	49	41	36	bc	o, c	bc
City (Bunhill Row)	59	60	44	29	18	-	c	e, bc	4.3	Plymouth to 9 p.m.	50	42	38	bc	o	0	4.8
Westminster (St. James's Pk.)	60	65	43	33	26	-	bc, o	o, e, bc	3.8	Darwen	0.01	40	31	31	o, c, bc	bc	bc
Camden Sq. (Brit. Rainfall)	55	61	45	26	23	-	bc	c	4.1	Manchester	-	40	35	-	o, c, bc	bc	bc
Hampstead (Reservoir)	-	60	41	30	15	-	bc	bc	4.0	Birmingham	0.04	42	33	28	o, c	c	0
Kew. (See front page.)	-	-	-	-	-	-	-	-	-	Oxford to 8 p.m.	-	47	35	31	o, c, c	e, o	cm
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.										S. Kensington (Museum Grounds to 9 p.m.)							
Total.			Average Rate.		Max. Rate.					0.13		44	36	31	o, c, m	bc	0
S. Kensington (Roof of M.O.)			855 Joules.		17.5 Milli-watts.		57 Milli-watts.			3.5							

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

13th, 14th, Apr. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 5.12 L.M.T. 4.59	G.M.T. 11.54 L.M.T. 11.53	G.M.T. 6.45 L.M.T. 6.47
Greenwich	G.M.T. 5.12 L.M.T. 5.9	G.M.T. 12.1 L.M.T. 12.0	G.M.T. 6.50 L.M.T. 6.52
Wick	G.M.T. 5.9 L.M.T. 5.6	G.M.T. 12.13 L.M.T. 12.15	G.M.T. 7.17 L.M.T. 7.20
Valencia	G.M.T. 5.52 L.M.T. 5.49	G.M.T. 12.42 L.M.T. 12.41	G.M.T. 7.32 L.M.T. 7.34

During yesterday temperature rose to 55° at Roches Point, but generally the maxima were below 50°, only 38° at Harrogate. Frost occurred in the night over Britain, the thermometer in the shade sinking to 23° at Harrow, and on the grass to 18° at London stations, and 19° at Nottingham. The duration of bright sunshine ranged from ½ hour at Liverpool to 9½ hours at Seilly. As far west as the 28th meridian ships experienced light to strong North-easterly to North-westerly winds yesterday, light Southerly to westerly breezes this morning, with cloudy to overcast weather.

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

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12.28

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

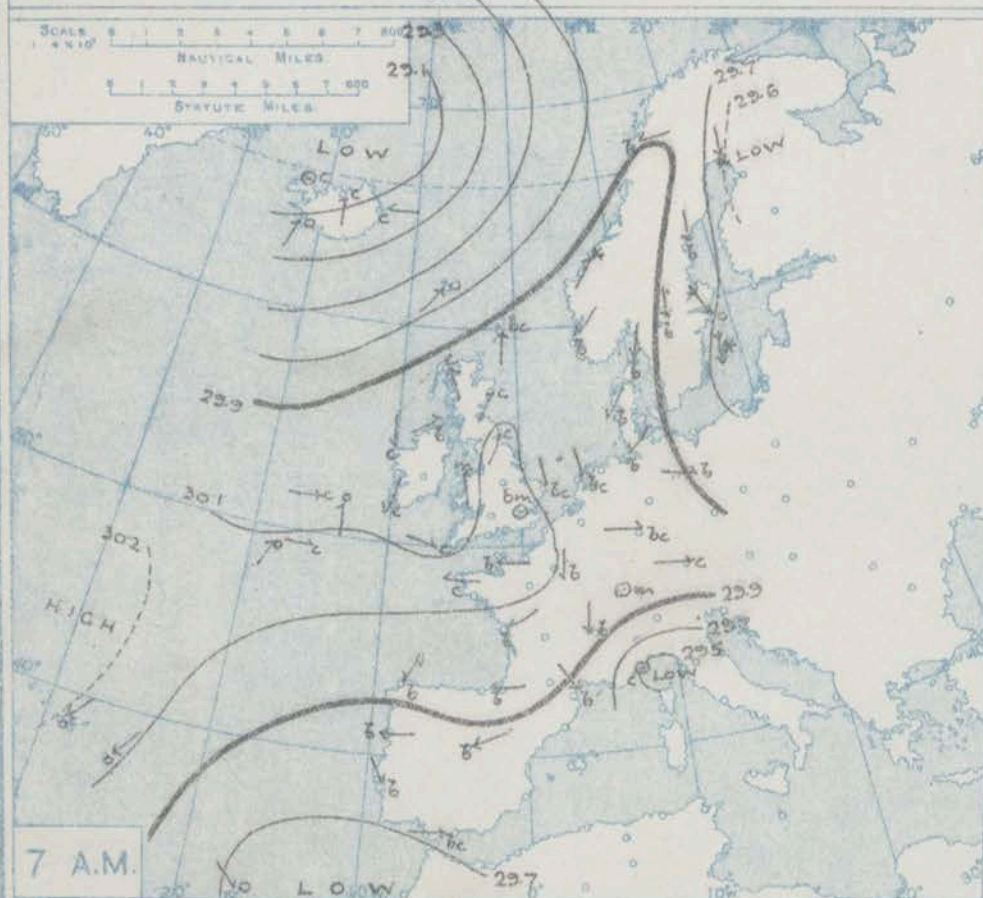
Monday,
14th April, 1913.

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 5 ²⁵ Fahr. and M.S.L. Lat. 46°.	Dry Bulb.						At 3 ²⁵ 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'g. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	
BRITISH ISLANDS.																								
Lerwick	...	29.79	43	S	5	C	29.66	-0.1	44	+6	S	3	C	3	0.03	44	38	Cy	Cy	Cy	Cy	Hours		
Stornoway	...	29.76	46	SSW	6	odpy	29.63	-0.5	44	+2	SW	4	C	4	0.13	47	40	Cy	odpy	Cy	Cy	1.5		
Castlebay (Barra Isd.)	...	29.79	46	SSW	5	o	29.63	-0.2	45	+1	SSW	3	op	4	0.11	47	43	Cy	o	Cy	Cy	2.0		
Malin Head	...	29.88	46	WSW	4	cpm	29.69	-0.6	45	+5	SW	5	Cy	4	0.02	48	39	Cy	Cy	Cy	Cy			
Blackod Point	...	29.91	49	SW	5	o	29.70	-0.5	48	+1	SW	6	Cy	5	0.06	50	41	om	odpy	Cy	Cy			
Valencia	...	30.01	49	SW	3	o	29.89	-0.1	48	+10	SSW	2	o	4	0.11	51	38	bc	o	Cy	Cy	0.2		
Roche's Point	...	30.05	48	W	2	bc	29.96		46	+6	SW	3	r	3	0.02	51	40	bc	Cy	Cy	Cy			
Birr Castle	...	29.98	49	SW	2	C	29.87		45	+2	S	1	C	2	0.03	51	36	C	C	Cy	Cy	1.8		
Donaghadee	...	29.97	47	SSW	2	o	29.86	-0.1	44	+4	SSW	2	C	1	0.01	48	40	C	o	Cy	Cy			
Liverpool Obsy.	...	30.05	46	SSE	2	C	29.97	-0.1	43	+9	S	3	bc	3		50	34	b	bc	bc	bc	6.0		
Holyhead	...	30.02	47	S	2	m	29.93	-0.1	46	+6	W	4	o	3		49	41	bc	om	Cy	Cy	7.8		
Pembroke (St. Ann's Hd.)	...	30.06	47	SW	4	C	29.99	-0.2	46	+7	WSW	4	C	4	Trace	50	39	bc	bc	Cy	Cy	7.8		
Newquay	...	30.09	49	NW	2	bc	30.06	+0.1	46	+1	SW	3	o	3	0.02	51	39	bc	bc	bc	bc	6.8		
Scilly (St. Mary's)	...	30.11	51	WNW	2	b	30.07	0.0	47	0	WSW	4	Cy	3	0.06	55	44	bc	b	bc	bc	9.1		
Jersey (St. Aubin)	...	30.16	47	W	3	ag	30.18		42	+5	SSE	3	o	3		50	37	bc	bc	bc	bc	9.9		
Portland Bill	...	30.14	44	SSW	3	C	30.09	-0.0	46	+5	SSW	4	C	4		46	40	bc	C	C	C			
Dungeness	...	30.13	43		0	bc	30.14	0.0	43	+10	SW	3	C	4		45	32	bc	Cy	Cy	Cy			
Dover	...	30.14	40	NNE	1	b	30.16		40	+4	SSW	1	m	2		46	31	bc	bc	bc	bc	8.0		
Wick	...	29.80	44	SW	4	bc	29.70	-0.4	43	+7	SSW	4	C	3	Trace	46	35	Cy	Cy	Cy	Cy			
Nairn	...	29.82	45	SW	1	C	29.70		46	+5	SW	1	C	1	Trace	49	30	Cy	Cy	Cy	Cy	6.2		
Aberdeen	...	29.94	42	S	2	o	29.77	-0.1	45	+10	SSW	4	bc	2		45	34	bc	Cy	Cy	Cy	4.8		
Leith	...	29.94	45	SSW	2	o	29.81	-0.3	46	+9	SSW	1	o	2	0.02	49	38	bc	Cy	Cy	Cy			
North Shields	...	30.08	41	S	1	o	29.90	-0.2	41	+6	SSW	5	o	2		46	32	Cy	Cy	Cy	Cy	5.4		
Spurn Head	...	30.07	41	SE	4	b	30.02	-0.2	38	+1	S	4	of	4	0.05	45	36	bc	bc	bc	bc	7.5		
Yarmouth	...	30.16	40	ENE	1	bc	30.12	0.0	38	+4	SSW	2	bc	1		45	33	bc	bc	bc	bc	8.6		
Clacton-on-Sea	...	30.14	41	E	2	C	30.13	0.0	41	+8	S	2	bc	2		45	33	bc	bc	bc	bc	5.6		
Nottingham	...	30.10	44	S	2	C	30.03		40	+2	S	3	Cy	4	0.05	48	31	Cy	bc	Cy	Cy	4.6		
Bath	...	30.13	42	M	2	o	30.09		45	+11	S	2	o			48	34					1.7		
London (Kew Obsy.)	...	30.15	43	S	2	cm	30.14	+0.1	41	+9	SSW	3	om			48	32	bc	bc	Cy	Cy	9.2		
ICELAND & FAEROE.																								
Isafjord	...	29.06	32	S	2	bc	29.10	-0.1	33	-4		0	o											
Reykjavik	...	29.08	31	S	3	o	29.01	-0.3	35	-2	E	3	o											
Vestmanna	...	29.17	40	WNW	4	C	29.04	-0.12	35	-6		0	S	1										
Seydisfjord	...	29.05	47		0	o	29.18	+0.1	37	-5	SSW	1	o											
Thorshavn	...	29.43	46	SW	6	o	29.43	+0.1	42	-2	SSW	2	C											
SCANDINAVIA.																								
Haparanda	...	29.84	24	N	4	o	30.10	+0.4	17	-6	N	2	bc		0.04	28	14							
Hernösand	...	29.97	25		0	b	30.13	+1.0	23	+1	N	2	b			34	12							
Stockholm	...	30.03	29	SSW	2	b	30.13	+0.4	22	+5	WSW	2	b				34	23						
Wisby	...	30.08	25	SE	2	b	30.17	+0.4	35	+5		0	b				36	19						
Karlstad	...	30.04	32	W	2	b	30.11	+0.4	35	+9	W	4	b				39	25						
Færder (X'lanta Fjord)	...	30.04	37	SW	4	o	30.07	+0.1	40	+9	SSW	4	bc		2		40	30						
Bodö	...	29.96	21	E	1	b	29.90	-0.1	24	+7	E	6	b		2		25	16						
Christiansund	...	29.84	37	SW	3	o	29.83	-0.1	41	+9	SW	4	o	5	0.06	41	32							
Skudesnaes	...	30.06	39	SSE	6	o	30.01	-0.1	40	+6	SSE	5	C	4		41	34							
The Scaw (Skagen)	...	30.11	33	WNW	3	b	30.15	+0.3	36	+4	SW	3	b		0		39	30						
Blaavands Huk	...	30.14	33	N	1	b	30.18	+0.2	40	+6	SSW	2	bc		1		49	?						
GERMANY, &c.																								
Cuxhaven	...	30.11	38	N	3	b	30.18	0.0	37	-1	SE	2	b				41	28						
The Helder	...	30.14	39	NNE	2	C	30.19	+0.1	37	+2	S	3	C		1		41	27						
Brussels	...	30.14	37	NNW	1	bc	30.19	+0.2	35	+2	SW	1	b			0.04	46	18						
Berlin	...	30.08	36	N	3	bc	30.15	+0.4	34	+1	N	2	bc				37	28						
Frankfurt	...	30.10	33	NE	1	b	30.19	+0.2	31	-1		0	C				41	27						
Munich	...	30.09	27	W	4	S	30.19	+0.1	26	+2	SW	4	bc			0.04	32	25						
FRANCE.																								
C. Gris Nez	...	30.16	40	NNE	2	b	30.17	+0.1	37	-2	SSE	4	C	2	Trace	46	36							
La Hève	...	30.14	38	NNE	2	bc	30.15		34	-3	E	2	b				45	32						
Brest (St. Mathieu)	...	30.19	48	SW	3	o	30.19	0.0	46	+7	SW	3	o	2			52	39						
Lorient (Bec Melon)	...	30.14	45	SW	1	b	30.12		43	-5	E	2	o	1			50	37						
Rochefort (Ile d'Als)	...	30.12	47	ENE	3	o	30.19	+0.4	41	+2	E	3	b				55	34						
Biarritz	...	30.04	50	NNE	4	b	30.11	+0.2	38	-4	E	3	b		1		54	32						
SPAIN, PORTUGAL, &c.																								
Corunna (S. a.m.)	...	29.91	57	NE	4	b	29.99	0.0	43	+7	ENE	1	b		2		59	39						
Lisbon (S. a.m.)	...	29.84	61	WNW	4	b	29.93	-0.5	59	+3	N	4	b		2		70	55						
Gibraltar	...																							
Azores (P. Delgada)	...																							
Azores (Horta)	...	30.20	56	NE	4	o	30.34	+0.2	55	0	N	2	o	2			59	55						
Madeira (Funchal)	...	29.87	61	NE	3	r	29.97	+0.1	60	0	NE	3	r	3	0.32	64	45							

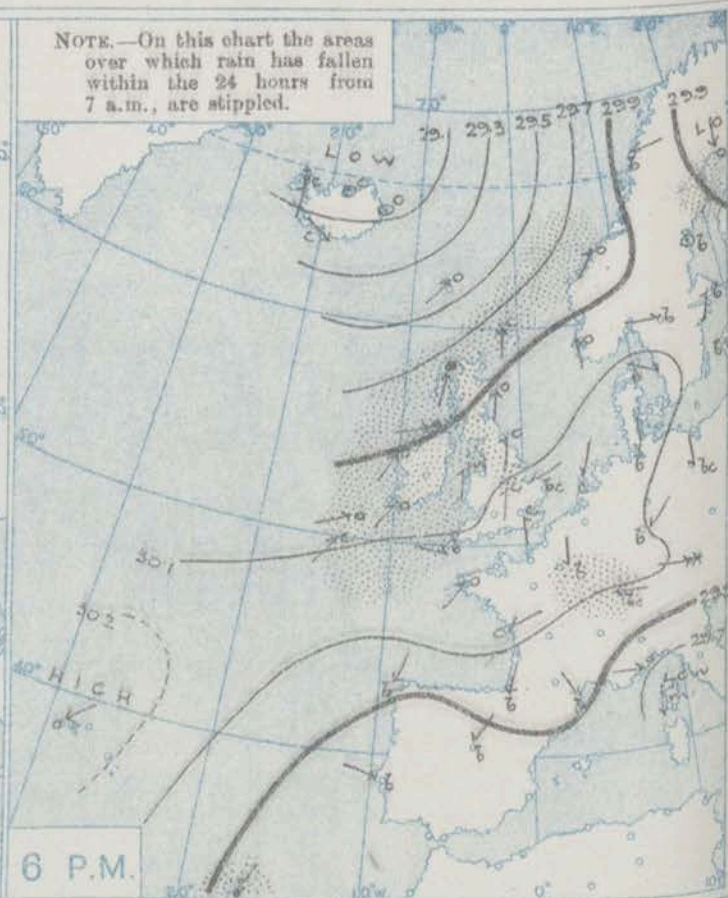
* Information for these columns not usually received.

† Received too late for insertion in Charts.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 13TH 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 depression off Western Iceland is likely to travel north eastward. Small secondary systems will pass in a similar direction across the United Kingdom.

WEATHER PROSPECTS.

and occasion stormy weather in all districts. A further increase in temperature is probable.

FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY

- 0 {
a Southernly and South-
b Westerly winds freshening; fair
at first, some rain later; milder.
- 1 {
- 2 {
a South. Westerly winds,
b moderate or fresh; changeable.
- 3 {
- 4 {
a some showers; becoming
b milder.
- 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

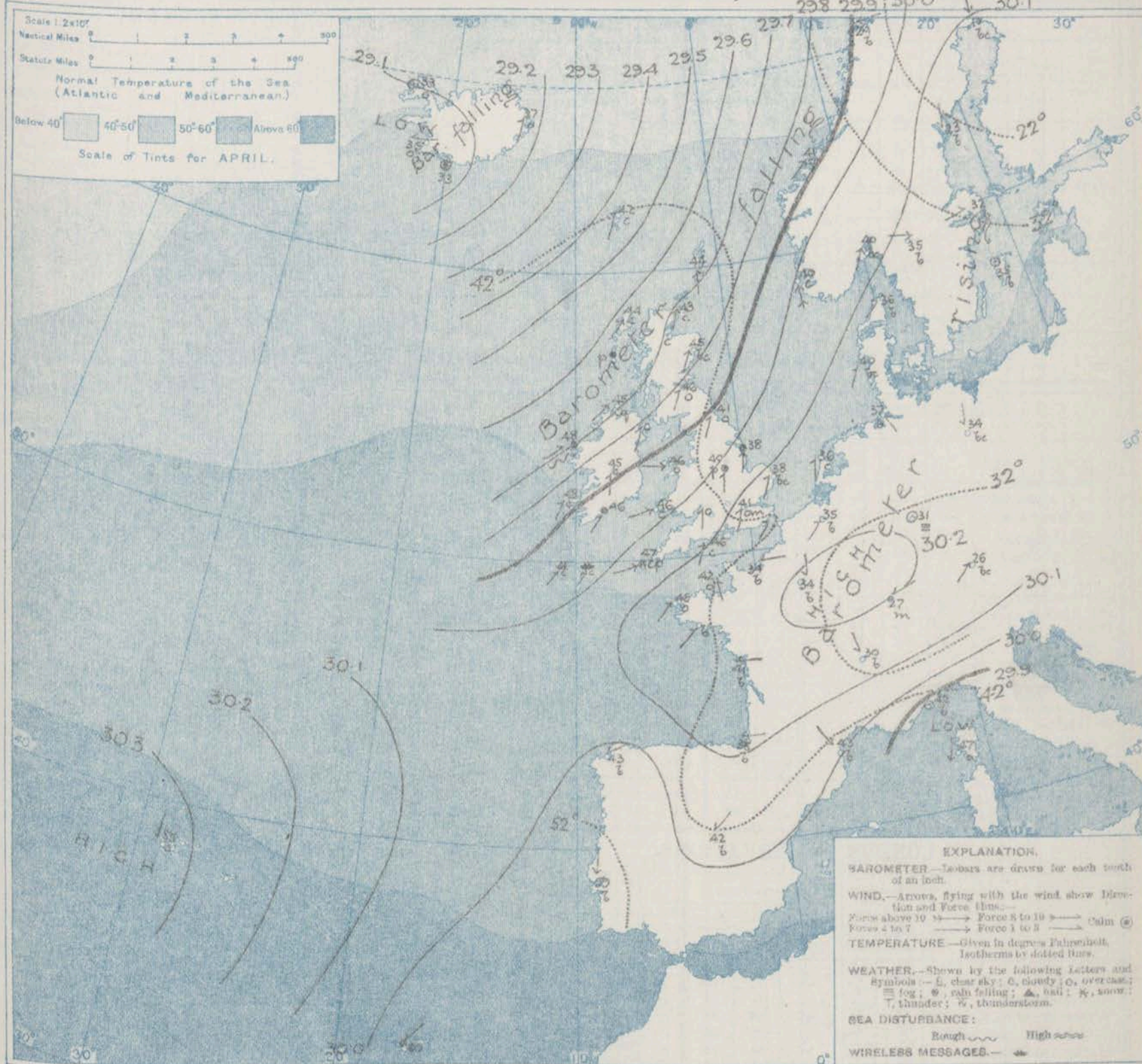
- 6 {
a
b South. Westerly winds,
- 7 {
a
b
- 8 {
a freshening; mild, unsettled,
b
- 9 {
a
b occasional rain.
- 10 {
a
b

11 WESTERN CHANNEL AND BAY.

Moderate to fresh southerly and south. Westerly winds, and a moderate sea; changeable, some showers; becoming milder.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. MONDAY, 14TH APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Barometrical pressure is now highest over the north-east of France and the neighbouring parts of Germany, and lowest in a depression of moderate intensity off western Ireland. Small secondary depressions are passing across the United Kingdom, and the barometer is falling on all our western and northern coasts.

Southerly to south-westerly winds prevail over north-western Europe generally, and blow strongly in the north-west of Ireland. In the west of France the wind is light from the eastward. Temperature has risen decidedly

in these islands, and is now slightly above 45° at most of our western and northern stations; in the east of England it is below 40°. Frost prevails in Germany and Sweden, the lowest temperature reported being 17° at Haparanda. Showers are falling in many parts of the United Kingdom, but at the majority of the Continental stations the weather is fine. The sea is moderate or slight generally, but rather rough off the west of Ireland.

DAILY WEATHER REPORT.

Monday, 14th April, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
14th 7 a.m.	49	10	<i>Finland</i>	O	30.08	-.02	SW	4-5	c	13th 6 p.m.	51	9	<i>Tunisian</i>	H	30.04	-.02	SSW	4-5	bc
" "	49	9	<i>Ansonia</i>	H	29.98	-.02	SW	4-5	c	" 7 a.m.	49	18	<i>Ansonia</i>	H	30.11	-.02	SW	1-3	c
13th 6 p.m.	49	14	<i>Ansonia</i>	H	30.08	00	SW	4-5	c	" "	49	17	<i>Mount Temple</i>	O	30.11	-.02	W	1-3	c
" "	50	13	<i>Macvetama</i>	O	?	-.02	WSW	4-5	0	" "	51	16	<i>Virginian</i>	O	30.06	+.02	SW	4-5	c
" "	55	13	<i>Megantic</i>	O	29.75	-.01	WSW	4-5	c										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	In.						England, S.E.	Margate	In.	67	35	b, bc	bc	9.5
	Stonehaven								Ramsgate		45	41	"	"	9.5
	St. Andrews								Deal		47	30	b, bc	c, bc	6.5
	Carnoustie								Folkestone		44	32	b, bc, b	bc	6.7
England, N.E.	Harrogate		44	28	bc	bc, c, 0	3.6	England, S.W.	Littlestone		"	"	"	"	5.6
	Scarborough		45	34	c, b	c, b	6.4		Hastings		45	32	b, bc	0, bc	6.5
	Blackpool		49	31	bc	bc	3.6		Bexhill-on-Sea		45	32	bc	c	6.2
	Southport		51	31	c, 0, bc	bc, 0	4.7		Eastbourne		45	31	b, bc	bc, b	9.5
England, N.W.	Buxton 3 p.m.		45	28	b	bc	6.0	England, S.E.	Seaford		46	30	c, bc, b	b, bc	9.5
	Matlock								Brighton		47	29	bc	bc	9.6
	Douglas								Worthing		"	"	"	"	9.3
									Littlehampton		"	"	"	"	8.3
Wales.	Rhyl		51	29	b	b, bc	4.1	England, S.W.	Bognor		47	28	b, bc, b	bc, c, bc	6.9
	Colwyn Bay		50	32	bc	b, bc	4.2		Southsea		48	29	bc	bc	5.5
	Llandudno		51	34	b	b	5.4		Bournemouth		47	30	bc	c, 0	0.8
	Bettws y Coed		51	37	b	bc, 0	5.3		Weymouth		48	41	b, bc	bc, 0	1.2
England, E.	Aberystwyth							England, S.W.	Torquay		47	40	0	c	6.9
	Lowestoft	0.05	42	31	c, bc	bc	5.2		Paignton		47	40	0	c	6.9
	Felixstowe		45	29	bc	bc	5.7		Ilfracombe	0.03	52	38	bc	bc, c	1.0
	Walton-on-Naze		45	30	b, bc, c	b, bc, b	5.8		Weston-super-Mare		48	34	bc, c	bc, c	
England, E.	Southend-on-Sea		49	30	b	b	9.0								

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine 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.
Greenwich (Royal Obs.) ...	53	70	46	33	23	-	b, bc	bc, c	cx, 0	6.7	Dublin to 4 p.m.	In.	54	39	35	bc, 0	c	c		
City (Bunhill Row) ...	"	"	"	"	"	"	"	"	"	5.6	Plymouth to 9 p.m.	"	"	"	"	"	"	"	"	
Westminster (St. James's Pk.)	57	71	46	35	28	-	bc	bc	bc	4.7	Darwen "	"	48	34	"	c, bc	c, bc	c, 0	0.7	
Camden Sq. (Brit. Rainfall)	"	64	48	35	29	-	b	bc	bc, 0	6.6	Manchester "	"	48	34	"	c, bc	c, bc	c, 0	0.7	
Hampstead (Reservoir) ...	"	69	45	35	23	-	bc	bc	0	9.1	Birmingham "	0.04	46	31	47	0, c	0	0	0.7	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.										0.04	49	26	20	cm, bc	bc	cm	
			Total.			Average Rate.			Max. Rate.											
S. Kensington (Roof of M.O.)	-	80	102.4 Joules.			20.8 Milliwatts.			66 Milliwatts.			5.7	S. Kensington (Museum Grounds to 6 p.m.)	Trace	45	32	22	0	bc	0.9

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

14th & 15th Apr. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 6.59 L.M.T. 4.57	G.M.T. 11.53 L.M.T. 11.53	G.M.T. 6.47 L.M.T. 6.46
Greenwich	5.9 5.7	12.0 12.0	6.52 6.53
Wick	5.6 5.5	12.3 12.12	7.20 7.22
Valencia	5.14 6.47	12.41 12.41	7.34 7.35

NOTES ON YESTERDAY'S WEATHER.

During yesterday or in the course of the night the thermometer rose to 40° and upwards over eastern and central England, and to 50° or slightly above it at many of our western stations. More than 9 hours of bright sunshine were recorded at several places in the south and east of England. Slight rain fell at several of our western and northern stations. Wireless reports show that as far west as the 18th meridian ships experienced moderate to fresh breezes from the westward or south-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.

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12.23. DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

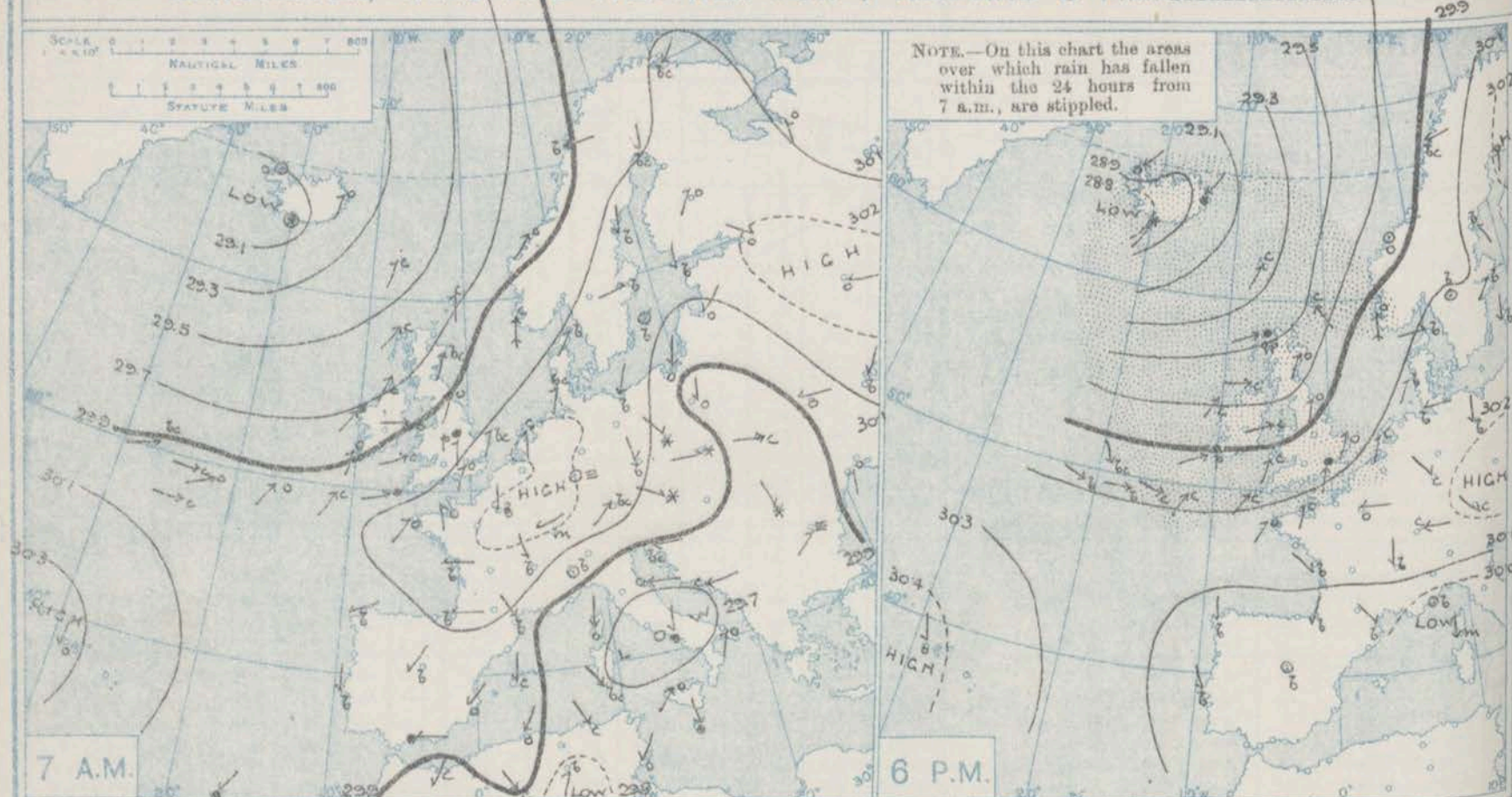
Tuesday,
15th April, 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for yester- day.
	BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12)	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since yester- day.						Direc.	Force (0 to 12).	Weather.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	
<i>S. Fitzgibbon</i>	29.76	23	SE	5	0	29.65	-0.6	25	+11	SE	10	0	-	-	25	10						Hours		
Lerwick	29.53	45	SE	4	c	29.57	+0.2	43	-1	S	3	bc	2	0.09	47	39	cg	cp	bc					
Stornoway	29.48	46	WSW	5	cpq	29.56	-0.3	40	-4	SW	4	c	4	0.06	47	38	cobq	cpq	cpq	1.7				
Castlebay (Barra Isd.)	29.56	46	W	5	op	29.56	-0.4	44	-1	SSW	4	c	4	0.11	46	39	op	cpq	cpq	2.4				
Malin Head	29.63	47	W	7	cmq	29.65	0.0	41	-4	SSW	5	cm	4	0.20	50	40	cmq	cmq	cmq					
Blacksod Point	29.73	50	SW	6	c	29.67	-0.5	46	-2	SW	5	0	4	0.34	53	41	cm	cm	cp					
Valencia	29.89	48	WSW	4	cp	29.81	-0.4	46	-2	S	3	0	4	0.09	55	43	cm	cp	c	1.6				
Roche's Point	29.90	51	SW	3	c	29.88	-	45	-1	SW	1	c	3	0.06	51	43	cp	cp	cp					
Birr Castle	29.80	51	W	5	c	29.80	-	42	-3	S	2	c	1	0.03	50	39	c	cp	cp	1.7				
Donaghadee	29.74	47	WSW	4	cpq	29.77	+0.1	39	-5	WSW	2	c	1	0.05	53	37	cp	cpq	bc					
Liverpool Obsy.	29.88	48	SW	4	c	29.86	0.0	44	+1	S	2	bc	3	0.06	51	42	or	c	cp	0.2				
Holyhead	29.84	48	WSW	5	c	29.88	0.0	45	-1	WSW	4	c	3	0.13	49	43	cg	cm	c	0.6				
Pembroke (St. Ann's Hd.)	29.94	47	SSW	5	c	29.90	-0.1	47	+1	WSW	3	cp	3	0.06	49	45	c	c	cp	0.6				
Newquay	30.04	48	SW	3	0	29.97	+0.1	50	+4	SW	4	c	3	0.03	51	45	cp	c	c	0.3				
Scilly (St. Mary's)	30.01	48	SW	4	c	29.94	0.0	48	+1	WSW	3	cp	4	0.05	50	44	cm	c	c	1.0				
Jersey (St. Aubin)	30.14	48	SSW	3	0	30.10	-	47	+5	SSW	3	bc	3	0.01	49	42	cp	c	c	0.0				
Portland Bill	30.06	48	W	4	c	30.00	-0.1	45	+2	WSW	3	bc	3	0.01	49	44	cp	c	c					
Dungeness	30.07	45	SW	4	0	30.00	0.0	47	+4	SW	5	c	4	0.05	47	42	c	c	c					
Dover	30.10	43	SW	4	0	30.04	-	47	+7	WSW	4	c	3	0.03	47	39	cp	c	c	2.3				
Wick	29.50	46	SSW	4	bc	29.60	+0.1	40	-3	SW	4	bc	4	0.08	48	36	cmq	cpq	cpq					
Nairn	29.51	48	SSW	3	c	29.62	-	38	-8	SSW	1	bcq	1	0.01	52	35	bc	qvc	bc	2.4				
Aberdeen	29.64	47	SSW	4	0	29.69	0.0	42	-3	SSW	3	b	2	-	49	38	c	c	c	2.2				
Leith	29.66	50	SSW	4	b	29.72	+0.1	43	-3	WSW	1	by	-	0.02	52	38	cg	c	bc					
North Shields	29.82	48	SSW	2	0	29.81	0.0	45	+4	SW	1	c	2	0.01	51	38	c	c	c	0.0				
Spurn Head	29.91	46	S	5	0	29.87	0.0	46	+8	S	3	cm	2	0.01	48	37	c	c	c	0.0				
Yarmouth	30.04	46	SSW	3	0	29.96	-0.0	44	+6	SW	1	bc	1	0.05	49	38	bc	c	bc	0.7				
Clacton-on-Sea	30.06	45	SSW	4	0	30.00	0.0	45	+4	SW	3	c	2	0.02	47	40	bc	c	c	1.9				
Nottingham	29.94	47	SW	2	r	29.90	-	45	+5	SW	2	cm	-	0.02	51	39	c	c	c	0.7				
Bath	30.04	48	W	3	r	29.98	-	48	+3	SW	2	0	-	0.06	53	44	-	-	-	1.6				
London (Kew Obsy.)	30.04	46	SSW	4	cmf	30.00	0.0	46	+5	SW	3	cm	-	0.07	49	41	cm	c	c	0.7				
Isafjord	28.95	35	NE	7	0	28.75	-0.3	29	-4	NE	7	S	-	-	-	-	-	-	-					
Reykjavik	28.69	38	E	4	r	28.59	-0.4	33	-2	E	3	b	-	-	-	-	-	-	-					
Vestmanna	28.81	32	SW	3	S	28.63	-0.1	33	0	S	8	S	2	-	-	-	-	-	-					
Seydisfjord	28.97	37	NE	4	r	28.81	+0.1	36	-1	W	3	c	-	-	-	-	-	-	-					
Thorshavn	29.21	45	SSW	4	c	29.29	-0.1	40	-2	SSW	4	c	-	-	-	-	-	-	-					
Haparanda	20.22	17	S	2	0	20.18	0.0	20	+3	NNE	2	p	-	-	28	10	-	-	-					
Hernösand	20.13	30	SE	2	b	20.06	0.0	25	+12	SE	4	bc	-	-	26	23	-	-	-					
Stockholm	20.12	33	SW	2	b	20.12	+0.1	36	+4	W	2	bc	-	-	45	28	-	-	-					
Wisby	20.16	30	N	2	b	20.17	+0.1	38	+3	WNW	2	b	-	-	39	27	-	-	-					
Karlstad	20.12	36	-	0	b	20.12	0.0	36	+1	WSW	2	bc	-	-	45	20	-	-	-					
Færder (Xtania Fjord)	20.08	38	SW	4	c	20.05	+0.1	37	-3	SSW	5	0	3	-	41	37	-	-	-					
Bodö	29.71	30	E	6	bc	29.65	-0.4	32	+8	E	3	b	2	2	52	25	-	-	-					
Christiansund	29.80	42	-	0	0	29.70	-0.2	42	+1	SSE	3	0	3	-	46	39	-	-	-					
Skudesnaes	29.76	34	S	5	0	29.80	-0.1	40	0	SSE	6	r	5	0.51	40	37	-	-	-					
The Scaw (Skagen)	30.13	38	WSW	2	b	30.06	-0.1	38	+2	SSW	4	c	1	-	38	34	-	-	-					
Blaavands Huk	30.14	36	SSW	2	b	30.08	+0.1	39	-1	S	3	0	2	-	45	26	-	-	-					
Cuxhaven	30.17	40	E	2	b	30.12	0.0	37	0	S	3	bc	-	-	43	28	-	-	-					
The Helder	30.12	40	S	2	c	30.04	+0.1	39	+2	SSE	4	r	1	Trace	45	36	-	-	-					
Brussels	30.15	40	ESE	2	0	30.10	+0.1	39	+4	SEW	2	r	-	Trace	43	36	-	-	-					
Berlin	30.18	37	N	2	b	30.20	0.0	35	+1	SE	1	b	-	-	43	30	-	-	-					
Frankfurt	30.16	37	NW	1	c	30.17	+0.3	32	+1	-	0	m	-	-	46	28	-	-	-					
Munich	30.22	31	NW	2	c	30.20	+0.1	29	+3	W	3	b	-	Trace	46	25	-	-	-					
C. Gris Nez	30.11	44	SW	5	0	30.06	+0.1	46	+9	SW	4	0	3	0.08	46	37	-	-	-					
La Hève	30.13	45	W	2	0	30.04	-	43	+9	SW	3	m	2	-	52	34	-	-	-					
Brest (St. Mathieu)	30.15	49	SW	3	0	30.09	+0.2	47	+1	SW	3	0	2	-	52	46	-	-	-					
Lorient (Bec Melan)	30.11	49	W	3	c	30.08	-	45	+2	ENE	1	0	0	-	55	41	-	-	-					
Rocheport (Ile d'Alx)	30.14	48	NW	3	b	30.10	+0.1	45	+2	SE	3	bc	-	-	55	37	-	-	-					
Biarritz	30.07	52	NNE	3	b	30.03	+0.1	39	+1	ESE	2	b	1	-	55	34	-	-	-					
Paris	30.15	45	E	1	c	30.12	+0.2	41	+7	SSE	1	0	-	-	53	34	-	-	-	-				

* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



GENERAL INFERENCE

A new depression is apparently about to spread over the United Kingdom from the westward, and the weather is, therefore, likely to remain in a changeable, showery condition generally.

WEATHER PROSPECTS.

Freshening winds from the southward and south-westward are probable, with gales on some of the more exposed parts of our western and extreme northern coasts.

FORECASTS FOR THE 24 HOURS NOON TUESDAY

TO NOON WEDNESDAY.

- 0 {
a } Southerly winds, increasing
b } in force; fair at first, some rain
later; normal temperature.
- 1 {
a } Southerly and South-Western
b } winds, freshening; fair at first,
some rain later; normal
temperature.
- 2 {
a }
b }
- 3 {
a } South-Western winds,
b } freshening; mild, changeable,
some showers.
- 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.

SOUTH CONE HOISTED
Yesterday Dist 9 at 12.5 pm.
" " Dist 10 at 7.27 pm.

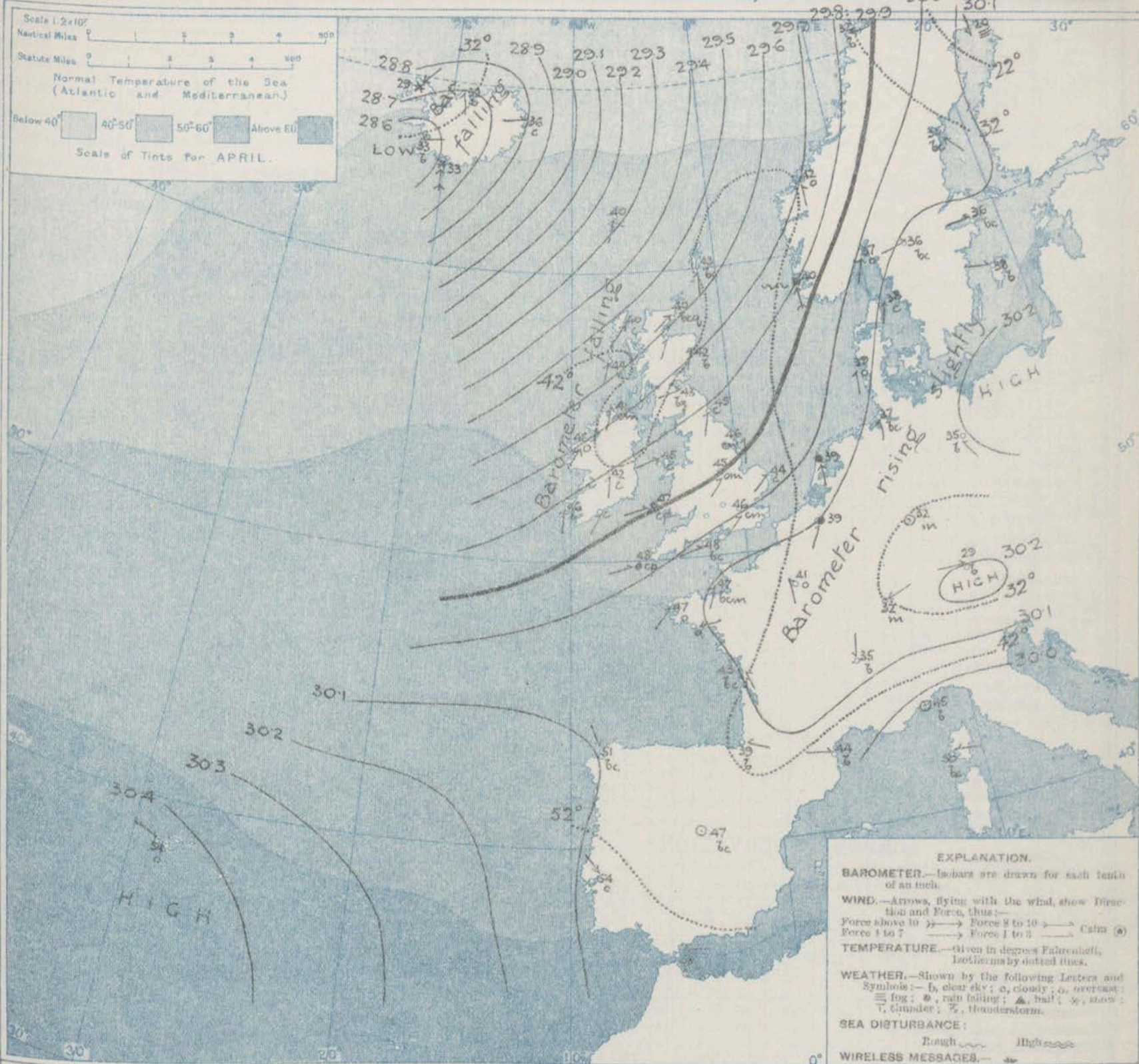
- 6 {
a } Same as No. 0.
b }
- 7 {
a } South-Western winds,
b } freshening considerably;
mild, squally, occasional
rain.
- 8 {
a }
b }
- 9 {
a } Same as No. 0.
b }
- 10 {
a }
b }

11 WESTERN CHANNEL AND BAY.

Freshening South-Western winds and a moderate sea; mild, changeable, some showers.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. TUESDAY, 15TH APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large anticyclone of irregular form lies over the western and central parts of the Continent. A deep depression is centred off the south-west of Ireland, and between that island and the Scottish coasts the barometric gradient is rather steep. The mercury is falling on our own western coasts.

Light to moderate southerly or south-easterly winds prevail over the greater part of North-Western Europe and the neighbouring portions of the Atlantic. Light easterly and south-easterly airs are reported in the west of France. Temperature has fallen in Ireland and Scotland, risen elsewhere. Over the

United Kingdom the morning readings range from a little above 45° at most of the English stations to 33° at Donaghadee, and 38° at Kairn. Slight frost prevails in the east of France and in Western and Southern Germany. Rain is falling in the Netherlands and the south of Norway, and passing showers on our own south-west coasts. In most other parts of western Europe the weather is at present fair or fine. Snow prevails in Western Ireland. The sea is moderate or slight generally.

DAILY WEATHER REPORT.

Tuesday, 15th April, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
14th 6 p.m.	49	20	Ultima	H	30.03	-0.01	WNW	6-7	b.	14th 7 a.m.	50	26	Virginian	O	29.90	+0.06	WSW	6-7	b.
"	50	19	Haverford	H	30.02	-0.03	NNW	4-5	bc.	"	48	23	Robert Temple	O	30.00	+0.05	W	6-7	c.
"	49	17	Minnetonka	O	30.03	+0.03	W	4-5	b.	"	49	23	?	H	29.96	-0.01	NW	4-5	c.
"	49	14	Finland	O	30.05	+0.03	WNW	4-5	c.	"	49	22	Haverford	H	29.94	+0.02	W	4-5	c.
"	49	12	Mesaba	H	30.14	+0.04	SW	4-5	c.	"	49	21	Mawretania	O	30.07	+0.06	WSW	4-5	c.
"	49	12	Mesaba	H	30.14	+0.04	SW	4-5	c.	"	49	16	Mesaba	H	30.04	-0.04	SW	6-7	c.

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.					Hr.	(Margate)	In.					Hr.
Oban							Ramsgate		49	33	o	o.	3.2
Stonehaven							Deal		46	7			3.0
St. Andrews		51	42	b.c.	o	1.4	Folkestone		47	30	b.c.	c.o.	2.7
Carnoustie							Littlestone		45	35	b.c.	b.c.	2.8
England, N.E.							Hastings						2.9
Harrogate	0.02	50	38	o	c.o.	0.0	Bexhill-on-Sea		46	38	c.b.c.	c.o.	1.4
Scarborough		50	37	o	o.	0.5	Eastbourne		47	36	c.b.c.	b.c.o.	2.0
England, N.W.							Seaford		47	31	o.b.c.	b.c.o.	2.3
Blackpool	0.01	50	43	o	c.	0.0	Brighton		45	38	o	o	2.8
Southport		50	42	o	o.b.c.	0.0	Worthing		46	40	o	o	2.6
Buxton	0.03	47	37	b.c.	c.o.	0.3	Littlehampton						2.0
Matlock							Bognor						2.6
Douglas							Southsea		48	39	o.c.b.c.	b.c.o.	2.4
Wales.							Bournemouth		50	41	o	o	2.0
Rhyl	0.01	50	41	b.c.	b.c.	0.8	Weymouth		51	43	o	o	2.1
Colwyn Bay		53	44	c.b.c.	b.	0.4	Teignmouth	0.06	50	36	c.	c.	2.0
Llandudno		51	44	c	b.c.	0.2	Torquay	0.06	50	38	c	c.o.	2.0
Bettws-y-Coed							Paignton	0.09	51	36	c.	c.	2.1
Aberystwyth	0.03	49	44	o.c.	c.o.	0.3	Ilfracombe	0.03	52	42	p.b.c.	c.o.c.	1.2
England, E.							Weston-super-Mare	0.02	52	39	b.c.	c.o.c.	1.2
Lowestoft		47	33	c.c.o.	c.o.	0.4							
Felixstowe		47	27	b.c.c.	c.o.	2.4							
Walton-on-Naze		47	31	b.c.c.	o.b.c.	1.8							
Southend-on-Sea		50	36	b.c.c.	b.c.c.	1.3							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain- fall.	WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.	
Greenwich (Royal Obs.) ...	67	73	51	42	37	0.06	o.c.	c.b.c.	0.0
City (Sunhill Row) ...						0.06	b.c.	b.c.	0.2
Westminster (St. James's Pk.)	65	71	51	44	36	0.06	b.c.	b.c.	0.3
Camden Sq. (Brit. Rainfall)	63	70	51	42	27	0.07	c	o.c.	0.2
Hampstead (Reservoir) ...		74	48	41	33	0.07	c.o.d.	b	0.5
Kew. (See front page.)									
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
			Total.	Average Rate.		Max. Rate.			
S. Kensington (Roof of M.O.)			77	30		674 Joules.		13.7 Milliwatts.	
						50 Milliwatts.		0.4	

Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.			Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
Dublin to 4 p.m.	0.02	55	45	42	b.c.	c.o.	0.4
Plymouth to 9 p.m.	0.06	50	37	29	o.	o.	0.0
Darwen "	0.09	47	35	37	o.	o.	0.0
Manchester "							
Birmingham "	0.02	51	38	33	c.p.	c.p.	0.0
Oxford to 8 p.m.		46	37	31	c.m.o.	c.o.	0.0
S. Kensington (Museum Grounds to 6 p.m.)		48	37	26	o.	o.	0.0

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

15th & 16th Apr 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.57	11.53	6.48
	4.55	11.53	6.50
Greenwich	5.7	12.0	6.53
	5.5	12.0	6.55
Wick	5.3	12.12	7.22
	5.1	12.12	7.24
Valencia	5.47	12.41	7.35
	5.45	12.41	7.37

NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° and upwards at most of our western and northern stations, but on some parts of our south-east coasts it failed to exceed 45°. The amount of bright sunshine was as a rule very small. Rain fell in nearly all districts, and hail on our extreme north-west coasts. Wireless reports show that as far west as the 26th meridian ships experienced moderate to strong breezes from the S.W. or S. S.W., and fair but cloudy weather.

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

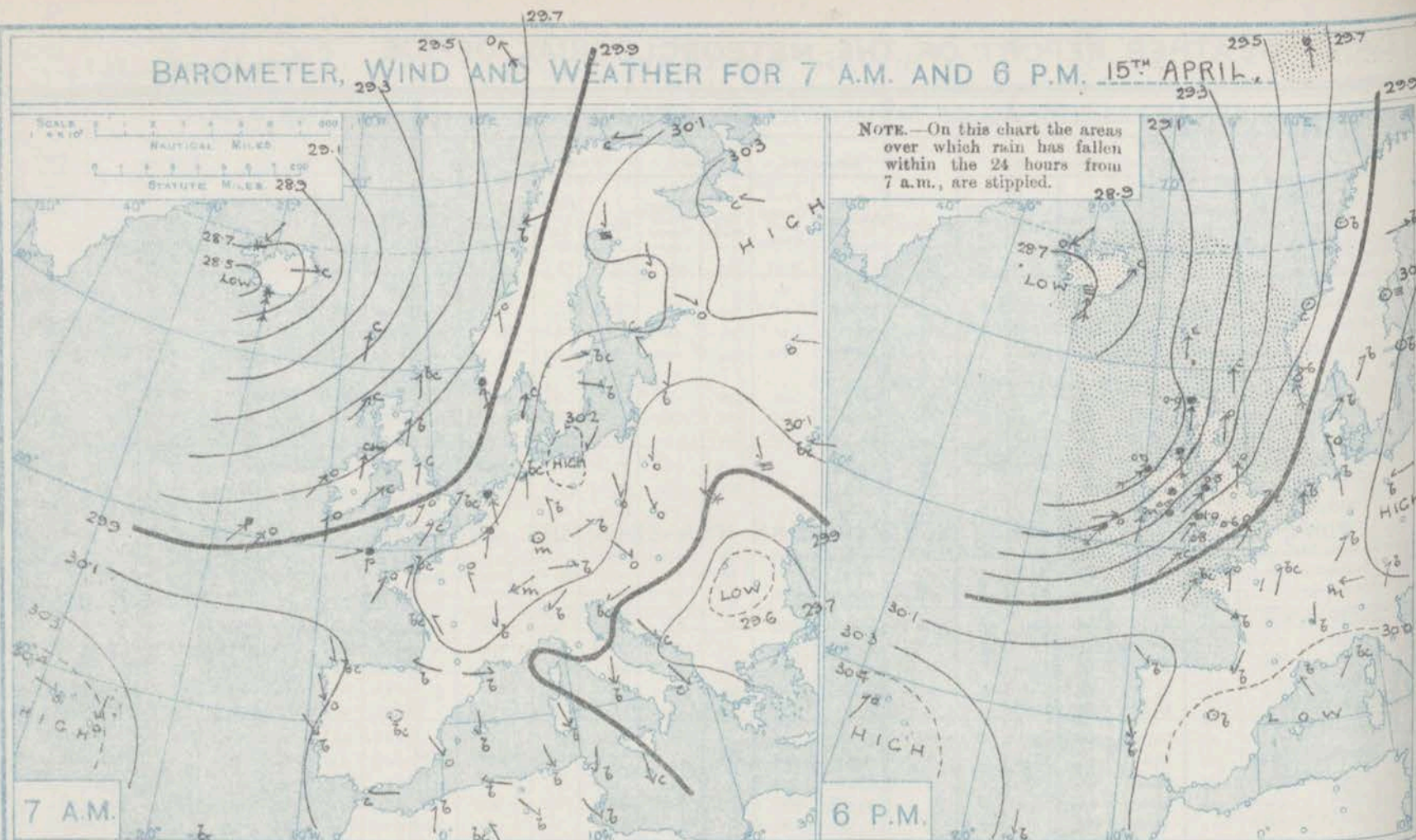
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,
16th April, 1913.

STATIONS	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.				
	Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Dir.	Force (0 to 12)	Weather.	Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Temp. Dry Bulb.	Change since Yesterday.	Wind Dir.	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.	Sun- shine for Yesterday.
Spitzbergen	29.65	32	S	5	r	29.73	+0.08	32	+5	S	6	r	-	?	34	23	-	-	-	Hours
Lerwick	29.43	45	SSE	5	cq	29.40	-0.01	44	+1	SSE	4	bc	4	0.24	46	42	bc	cny	or bc	*
Stornoway	29.17	43	S	6	org	28.88	+0.01	39	-1	SW	3	bc	3	0.40	45	36	c-ory	org	or bc	0.5
Castlebay (Barra Isd.)	29.08	45	SSE	7	r	28.89	-0.02	39	-5	SW	3	e	4	0.41	47	37	c-ory	r	or bc	0.0
Malin Head	29.11	42	S	9	r	28.97	0.00	38	-3	S	5	c	5	0.42	47	38	omr	omgr	cq	*
Blacksod Point	29.07	50	SW	8	r	29.11	-0.00	42	-4	WNW	6	o	5	0.44	50	38	or	ogr	org	*
Valencia	29.38	50	SSW	6	mg	29.23	+0.07	44	-2	W	5	org	6	0.48	53	42	omg	omr	cq	0.1
Roche's Point	29.51	48	SSW	6	r	29.33	-	43	-2	WSW	3	bc	4	0.50	51	43	op	r	or c	*
Birr Castle	29.36	48	SSW	6	r	29.22	-	39	-3	SSW	2	e	*	0.36	50	38	cp	or	or bc	0.5
Donaghadee	29.47	45	S	5	omg	29.14	+0.02	40	+1	SSW	0	bc	2	0.32	49	39	cgm	omg	or bc	*
Liverpool Obsy.	29.64	47	SSW	4	o	29.24	+0.02	48	+4	WSW	4	o	3	0.08	53	44	bc	op	or	1.3
Holyhead	29.57	45	SW	5	r	29.23	+0.02	46	+1	W	4	c	3	0.53	50	40	om	or	or	0.6
Pembroke (St. Ann's Hd.)	29.71	47	SW	7	r	29.32	-0.02	46	-1	W	5	e	7	1.00	49	44	cp	cq	omr	1.1
Newquay	29.81	49	SW	4	op	29.40	-0.02	50	0	SW	3	or	5	0.76	54	47	cp	cp	or	1.1
Scilly (St. Mary's)	29.79	50	SW	4	cq	29.41	-0.03	51	+3	SSW	6	omr	6	0.37	53	46	e	cq	org	2.5
Jersey (St. Aubin)	30.01	51	S	2	o	29.68	-	49	+2	SSW	4	omr	4	0.13	56	46	bc	bc	cq	8.9
Portland Bill	29.89	49	SSW	5	c	29.46	-0.11	49	+1	SW	8	r	6	0.25	50	46	bc	c	or	*
Dungeness	29.95	48	SW	3	c	29.61	-0.03	47	0	SSW	7	r	6	0.06	52	46	e, bc	c	cq	*
Dover	29.98	47	SSW	4	b	29.64	-	45	-2	SSW	6	r	6	0.02	51	44	e, bc	b	bc	6.6
Wick	29.38	45	S	4	o	28.94	+0.04	42	+2	SSW	3	b	4	0.05	48	37	om, o	bc, om	org, bc	*
Nairn	29.31	47	SSW	3	c	28.95	-	42	+2	S	1	bc	1	0.02	53	36	bc	cq	org, bc	2.4
Aberdeen	29.44	45	S	4	o	29.05	+0.02	44	+2	S	2	b	3	0.21	48	41	c, o	c, o	org, bc	0.7
Leith	29.41	46	S	4	o	29.05	+0.01	44	+1	WSW	1	b	*	0.13	52	44	bc	cq	org	*
North Shields	29.60	49	S	4	o	29.13	+0.02	47	+2	SSW	4	op	3	0.05	54	42	o, c	o, c	r	2.0
Spurn Head	29.72	49	SW	6	c	29.27	-0.08	47	+1	S	8	or	6	0.17	50	44	org	cq	cq	3.4
Yarmouth	29.89	53	SW	3	c	29.52	-0.10	45	+1	S	5	r	5	0.08	57	43	bc, c	bc	c, or	4.3
Clacton-on-Sea	29.92	49	SSW	3	o	29.55	-0.10	46	+1	SSW	6	r	5	0.02	54	45	e, bc	c, o	org, r	4.4
Nottingham	29.75	49	SSW	5	o	29.33	-	49	+4	SW	6	r	*	0.21	54	45	om, c	cp, o	or	2.4
Bath	29.86	50	SW	3	o	29.29	-	51	+3	SW	7	r	*	0.56	56	46	-	-	-	2.6
London (Kew Obsy.)	29.90	50	SW	5	o	29.45	-0.10	47	+1	SSW	6	or	*	0.15	54	45	om, bc, c	o, c, o	org	2.0
Isafjord	28.74	28	NE	6	o	29.03	+0.08	28	-1	NE	8	o	*	*	*	*	GALES. Duration and Extreme Force on British Coasts.			
Reykjavik	28.53	33	E	3	s	28.82	+0.04	29	-4	-	0	b	*	*	*	*				
Vestmanna	28.67	35	S	8	f	28.78	+0.01	33	0	-	0	bc	3	*	*	*				
Seydisfjord	28.87	42	SW	4	c	28.71	-0.06	35	-1	E	4	o	*	*	*	*				
Thorshavn	29.12	43	S	5	c	28.52	+0.01	41	+1	SSW	8	o	*	*	*	*				
Haparanda	20.08	22	W	2	b	30.12	+0.01	18	-2	S	2	b	*	-	30	3	Malin Head 2 p.m.-7 a.m. Ex. S, 9.			
Hernösand	20.04	32	-	0	b	30.02	+0.01	39	+4	SE	2	b	*	-	39	27				
Stockholm	30.10	36	-	0	b	30.07	-0.01	36	0	E	2	b	*	-	46	30	Blackhead Point 6 p.m.-1 a.m. Ex. SW, 8.			
Wisby	30.13	35	-	0	b	30.04	-0.04	42	+4	E	2	b	*	-	43	30				
Karlstad	30.08	37	SW	2	b	30.03	0.00	37	+1	SSE	2	b	*	-	45	30	Pembroke 10 p.m.-3 a.m. Ex. SSW, 8.			
Færder (Xiania Fjord)	30.01	40	SSE	6	c	29.89	-0.02	40	+3	SSE	6	c	4	-	41	37				
Bodö	29.83	35	-	0	b	29.71	-0.02	36	+4	E	4	b	2	-	41	32	Scilly Gales, 45 mph (g) at midn.			
Christiansund	29.69	41	-	0	c	29.45	-0.03	43	+3	SE	4	o	3	-	46	41				
Skudesnaes	29.74	41	SSE	8	o	29.45	-0.04	42	+2	SE	9	r	7	0.55	42	39	Portland 11 p.m.-7 a.m. Ex. SW, 8.			
The Scaw (Skagen)	30.04	41	SW	5	b	29.91	-0.02	40	+2	SSE	7	bc	2	-	45	37				
Blaavands Huk	29.99	43	SSE	3	o	29.79	-0.04	41	+2	SSE	5	m	4	-	45	37	Spurn Head midn-7 a.m. Ex. S, 3.			
Cuxhaven	30.04	42	S	2	b	29.89	-0.02	38	+1	S	3	b	*	-	30	34				
The Helder	29.97	44	S	4	b	29.71	-0.06	44	+5	S	6	o	3	0.04	48	39	Dover 3 a.m.-6 a.m. Ex. SSW, 8.			
Brussels	30.04	46	S	2	o	29.84	-0.06	44	+5	S	1	o	*	Trace	53	38				
Berlin	30.12	42	E	2	b	30.01	-0.02	36	+1	S	1	b	*	-	46	30	Gibraltar 8 p.m.-1 a.m. S, 8 in squalls			
Frankfurt	30.09	41	SW	1	b	30.02	-0.01	35	+3	SW	1	m	*	-	50	30				
Munich	30.15	33	SW	3	b	30.09	-0.02	33	+4	SW	4	b	*	-	39	27	Aberdeen Gust SSE, 46 mph (g) at 11 p.m.			
C. Gris Nez	29.98	47	SW	4	bc	29.69	-0.07	47	+1	SSW	6	r	5	Trace	50	46				
La Hève	29.99	50	S	2	c	29.72	-	43	0	SSW	5	r	4	-	57	43	Spurn Head midn-7 a.m. Ex. S, 3.			
Brest (St. Mathieu)	30.01	51	SSW	4	bc	29.69	-0.04	51	+4	SW	6	f	5	0.12	55	47				
Lorient (Bec Melen)	30.04	50	WSW	2	o	29.73	-	51	+6	SW	5	r	4	0.04	55	45	Dover 3 a.m.-6 a.m. Ex. SSW, 8.			
Rochefort (Ile d'Aix)	30.08	50	NW	4	b	29.97	-0.03	50	+7	SW	4	o	*	-	39	41				
Biarritz	30.08	53	NNE	3	b	30.06	-0.01	47	+8	SSW	2	b	1	-	55	39	Kew Observatory Gust 41 m.p.h. at 2 a.m.			
Paris	30.06	51	SSW	2	b	29.91	-0.04	43	+2	S	3	c	*	-	57	39				
Belfort	30.09	40	E	4	m	30.07	-	32	0	E	3	m	*	-	46	38	Kew Observatory Gust 41 m.p.h. at 2 a.m.			
Lyons	30.07	46	N	1	b	30.05	-	34	-1	SSE	1	m	*	-	51	30				
Nice	29.98	45	SW	1	bc	30.02	+0.02	46	+1	-	0	c	1	-	55	39	Kew Observatory Gust 41 m.p.h. at 2 a.m.			
Perpignan	29.99	55	SE	2	b	30.01	+0.01	49	+5	SW	1	b	*	-	65	41				
Sanguinaire	30.03	51	WSW	2	m	30.09	-	50	0	ESE	3	m	2	-	59	45	Kew Observatory Gust 41 m.p.h. at 2 a.m.			
Corunna (8 a.m.)	30.16	52	NW	2	b	30.10	0.00	50	-1	S	3	o	6	-	54	45				
Lisbon (9 a.m.)	30.12	53	NNW	5	b	30.16	+0.04	56	+2	NNW	4	c	2	-	59	52	Kew Observatory Gust 41 m.p.h. at 2 a.m.			
Gibraltar																				
Azores (P. Delgada)																	Kew Observatory Gust 41 m.p.h. at 2 a.m.			
Azores (Horta)	30.47	58	SW	3	o	30.43	+0.01	56	+2	WNW	3	bc	1	-	63	54				
Madeira (Funchal)	30.26	59	N	3	b	30.29	+0.02	56	+1	N	3	o	3	-	64	46	Kew Observatory Gust 41 m.p.h. at 2 a.m.			

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



GENERAL INFERENCE

The deep depression between Iceland and Scotland is likely to diminish gradually in intensity. Small, secondary disturbances will pass from West to East across the United

WEATHER PROSPECTS.

Kingdom, and will occasion a continuance of squally, showery weather. A decrease in temperature will take place in most districts

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

0 {
a
b
1

South-Easterly winds, moderate or fresh; fair at first, showery later, with hail or sleet in places. Temperature below the normal.

2 {
a
b
3

Southerly to South-Easterly gales and strong winds; moderating later; squally, showery; becoming cooler.

4 {
a
b
5

South-Easterly to Easterly gales and strong winds, moderating later; squally, showery; becoming cooler.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

SOUTH CONE

Hoisted yesterday at 6.40 p.m. in Districts 1-3, 5, 7, 8 & 10. Rehoisted in Districts 2, 6 & 9.

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

Easterly winds, strong and squally; changeable, some showers, hail or sleet in places; temperature below the normal.

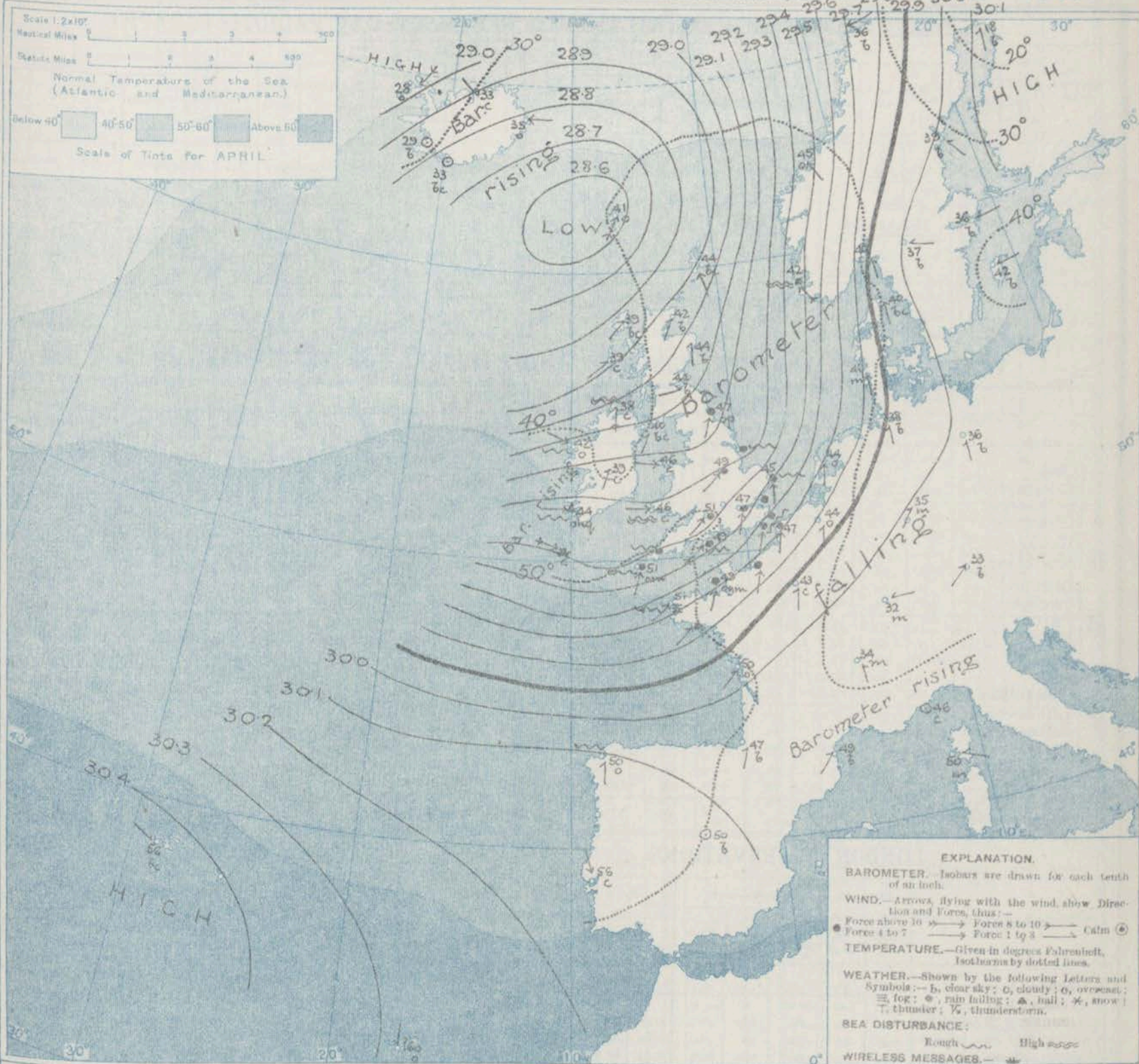
11 WESTERN CHANNEL AND BAY.

Strong and squally South-Easterly to Easterly winds and a rough sea; showery, squally; becoming cooler.

THE FURTHER OUTLOOK (All Districts)

Changeable, showery weather is likely to continue.

SYNOPTIC CHART FOR 7 A.M. WEDNESDAY, 16TH APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Barometrical pressure remains highest over the Azores region, but is relatively high over the western and southern portions of the Continent. The centre of a deep depression lies between Iceland and Scotland, and small secondary disturbances are passing from west to east across the United Kingdom.

The wind is southerly or south-westerly over western Europe as a whole, and blows with the force of a gale in the channel and North Sea. In Scandinavia it draws into south-east or east. Temperature has risen

generally, but has fallen slightly in Ireland and the west of Scotland. Over the United Kingdom the morning readings range from 51° at Bath and Seilly to a trifle below 40° in the Hebrides and the north of Ireland. Rain is falling over England and the adjacent portions of the Continent, and hail showers in the south of Ireland. In most other parts of our area of observation the weather is at present fair or fine. The sea is high off the north of Ireland, and rough on all but the Scottish coasts.

DAILY WEATHER REPORT.

Wednesday, 16th April 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 Jan	50	10	Ultoria	H	29.38	+0.2	WNW	8-9	c	15th Jan	50	17	Ultoria	H	29.75	-0.9	SW	6-7	r
15th 6pm	50	13	do.	H	29.30	-1.5	SW	10-11	r	" 7am	50	15	Haverford	H	29.83	-0.5	SW	4-5	a
do	51	12	Haverford	H	29.47	-1.0	WSW	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	...	...	...	...	...	...	England, S.E.	Margate	...	...	...	...	...	...
	Stonehaven	...	...	...	...	...	...		Ramsgate	...	...	...	...	...	...
	St. Andrews	0.07	51	38	o	o	1.8		Deal	...	...	...	...	...	...
	Carnoustie	...	...	...	...	...	...		Folkestone	...	...	...	...	...	...
England, N.W.	Harrogate	...	...	...	...	...	...	England, S.W.	Littlestone	...	...	...	...	...	...
	Scarborough	...	...	...	...	...	...		Hastings	...	...	...	...	...	...
	Blackpool	...	...	...	...	...	...		Bexhill-on-Sea	...	...	...	...	...	...
	Southport	...	...	...	...	...	...		Eastbourne	...	...	...	...	...	...
Wales.	Buxton	...	...	...	...	...	...	England, S.W.	Seaford	...	...	...	...	...	...
	Matlock	...	...	...	...	...	...		Brighton	...	...	...	...	...	...
	Douglas	...	...	...	...	...	...		Worthing	...	...	...	...	...	...
	Rhyl	...	...	...	...	...	...		Littlehampton	...	...	...	...	...	...
England, E.	Colwyn Bay	...	...	...	...	...	...	England, S.W.	Bognor	...	...	...	...	...	...
	Llandudno	...	...	...	...	...	...		Southsea	...	...	...	...	...	...
	Bettws-y-Coed	...	...	...	...	...	...		Bournemouth	...	...	...	...	...	...
	Aberystwyth	...	...	...	...	...	...		Weymouth	...	...	...	...	...	...
England, E.	Lowestoft	...	...	...	...	...	...	England, S.W.	Teignmouth	...	...	...	...	...	...
	Felixstowe	...	...	...	...	...	...		Torquay	...	...	...	...	...	...
	Walton-on-Naze	...	...	...	...	...	...		Paignton	...	...	...	...	...	...
	Southend-on-Sea	...	...	...	...	...	...		Ilfracombe	...	...	...	...	...	...

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.) ...	%	%	53	45	41	0.15	o	o	or	1.0	Dublin to 4 p.m.	0.05	52	43	39	c	of	od	1.0	
City (Bunhill Row) ...	67	93	*	*	*	*	*	*	*	1.2	Plymouth to 9 p.m.	0.06	52	47	42	bcy	aq	og	0.1	
Westminster (St. James's Pk.)	64	98	54	46	43	0.22	bc	r	r	1.7	Darwen "	0.24	49	41	38	owr.c	ouf.b	ofu	0.1	
Camden Sq. (Brit. Rainfall)	64	95	55	45	42	0.23	bc	c.o	c.or	2.8	Manchester "	0.10	53	45	*	of	of	of	0.1	
Hampstead (Reservoir) ...	*	94	52	44	39	0.23	bc.o	or	or	2.2	Birmingham "	0.09	51	37	37	or	or	r	0.1	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.											56	42	37	o	o	c.og	
			Total.		Average Rate.		Max. Rate.													
S. Kensington (Roof of M.O.)	76	94	908 Joules.		18.3 Milliwatts.		59 Milliwatts.		2.4		S. Kensington (Museum Grounds to 6 p.m.)	0.06	54	44	39	o	c	o		

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

16th & 17th Apr. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.55 4.53	G.M.T. 11.55 11.53	G.M.T. 6.50 6.52
Greenwich	5.5 5.3	12.0 12.0	6.55 6.57
Wick	5.1 4.58	12.12 12.12	7.24 7.26
Valencia	5.45 5.45	12.41 12.41	7.37 7.39

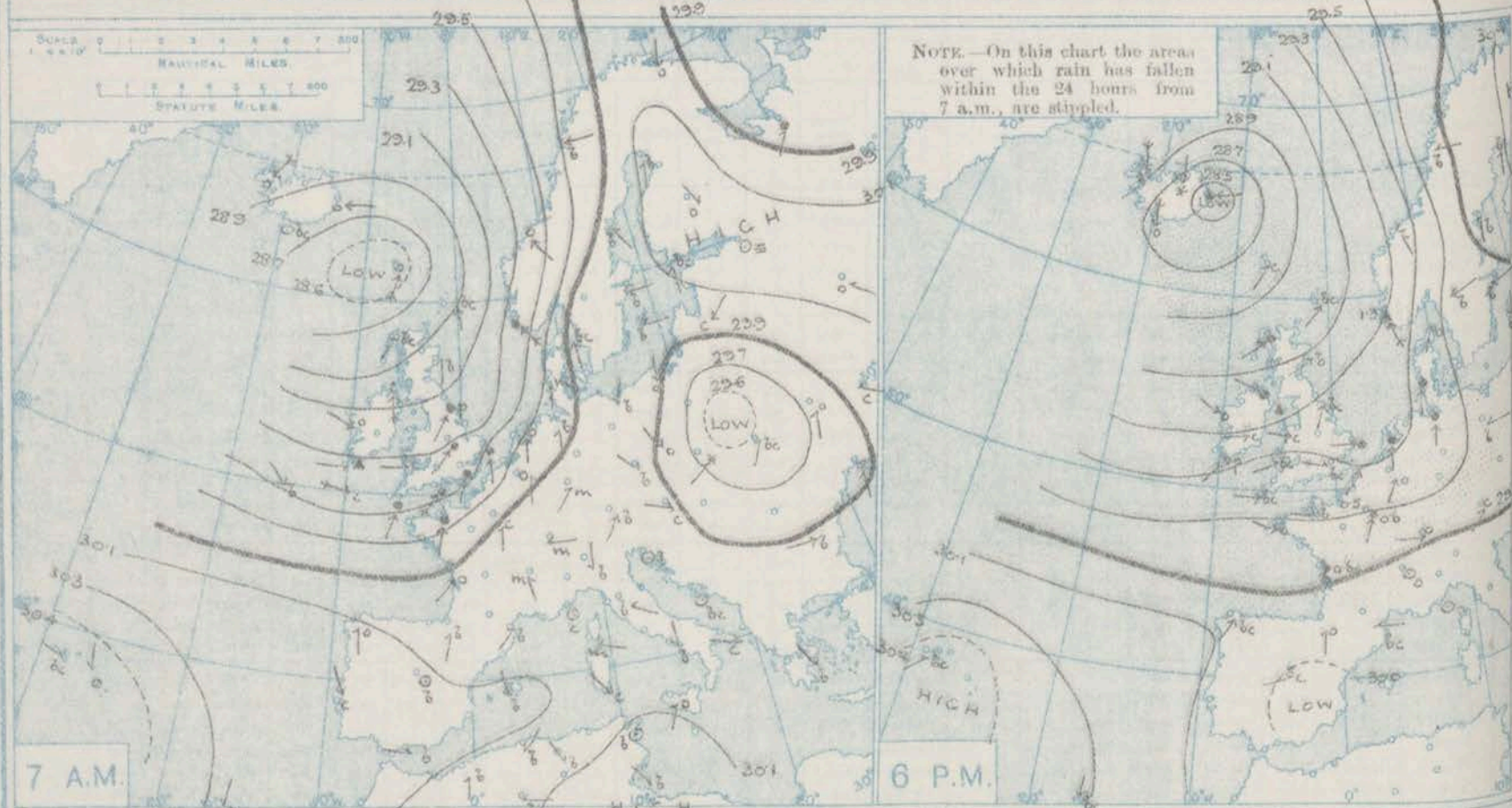
The thermometer rose to between 50° and 55° in nearly all parts of the United Kingdom, and to 57° at Margate and Great Yarmouth. Between 7 and 8 hours of bright sunshine were recorded on the coasts of Kent and Sussex, and nearly 9 hours at Jersey. Rain fell generally, heavily in the west, and a gale from the Southward was experienced at night on many parts of our coasts. Senseless reports show that as far west as the 17th meridian ships experienced fresh to strong winds from the S. West, and dull weather, with rain in places.

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

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

† Received too late for insertion in Charts.

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



GENERAL INFERENCE

WEATHER PROSPECTS.

A deep depression in the Iceland region is drawing off small secondary disturbances on its southern border, and these are moving eastward across the British Isles. A changeable

type of weather is, therefore, probable, during the ensuing twenty-four hours.

FORECASTS FOR THE 24 HOURS NOON THURSDAY, TO NOON FRIDAY.

0 {
a
b

8 Winds varying between South West and North West, fresh and gusty at times; fair to fine, some rain; moderate day temperature.

1

2 {
a
b

3

4 {
a
b

5

Calm and light variable air, then southerly to S. easterly and North E. easterly, fresh and gusty at times, fine to dull, some rain; cool to moderate temperature.

FORECAST DISTRICTS.



STORM WARNINGS

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

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

NO WARNINGS ISSUED

6 {
a
b

7 {
a
b

8 {
a
b

9 {
a
b

10 {
a
b

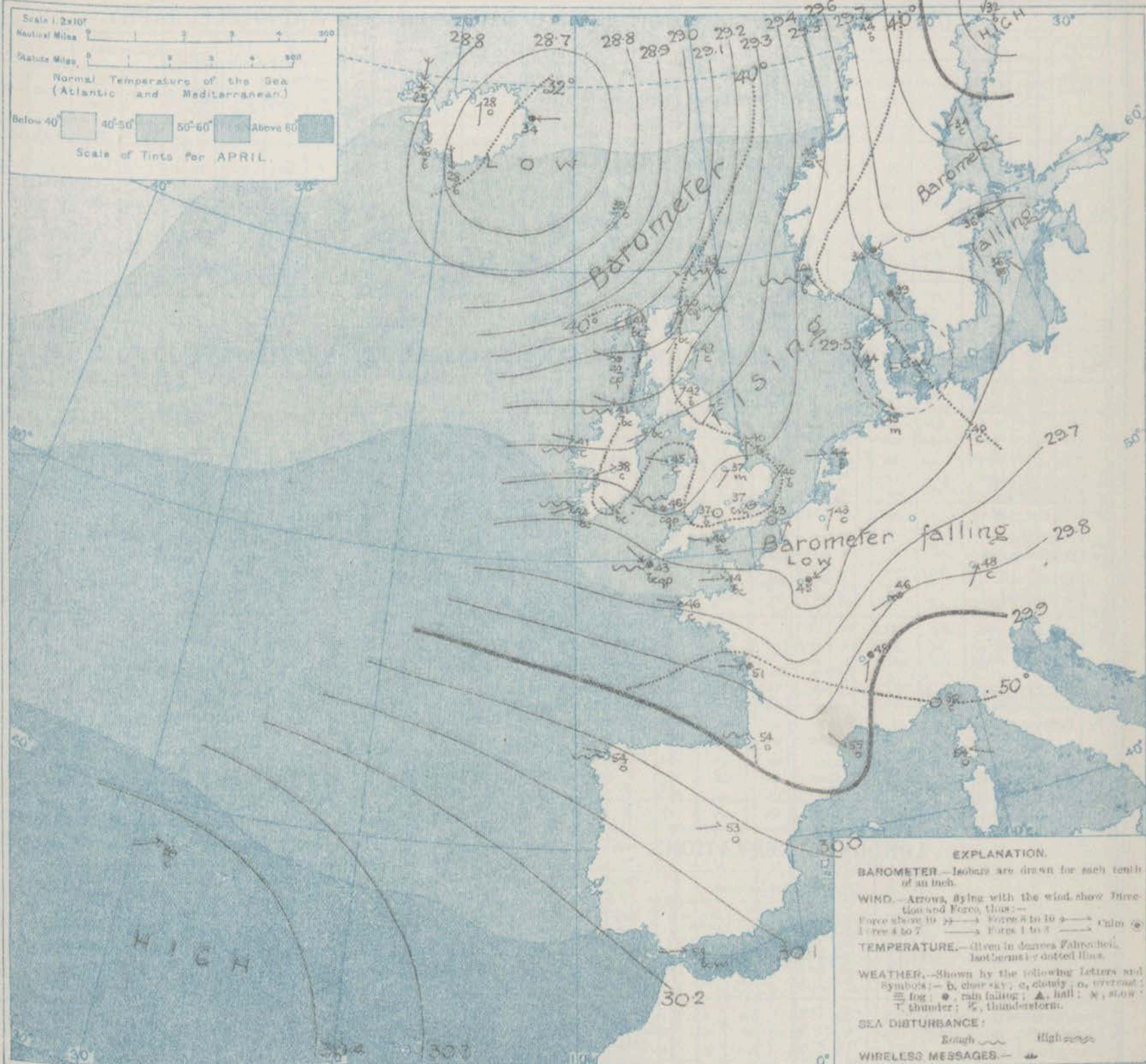
8 Winds between North West and South West, fresh or strong at times, gusty, changeable, fine to dull, some rain cool.

11 WESTERN CHANNEL AND BAY.

North E. easterly and E. easterly breezes, fresh or strong at times, sea rough to moderate, changeable, some rain, mist or fog; moderate temperature.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. THURSDAY, 17TH APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is now highest about the Azores where the barometer is at nearly 30 in. Another anticyclone is indicated over northern Russia. The deep depression of yesterday is still centred between Iceland and the Azores, where the barometer is at 28.6 in. Several small secondaries are shown over this country and as far as the Baltic. The gradient is rather steep beyond Shetland, slight in other regions.

Under the influence of the numerous secondary irregularities of pressure the winds are

very variable in force and direction, from calms over Southern England to a northerly gale or strong gale over Western Iceland. Temperature has fallen over this country and Iceland, risen on the Continent. At the home stations the values range from 36° at Donaghadee to 46° at Portland Bill; on the Continent from 70° at Berlin to 56° at Perpignan; in Scandinavia from 32° at Haparanda to 45° at Christiania; and in Iceland from 21° to 34°. At Spitzbergen the reading is 26°. The weather is in a very changeable state, fine & clear in many places, but rain is falling at several home & foreign stations, even in the north-west of Iceland. A rough or rather rough sea is running on several sections of our home coast and off Shetland.

DAILY WEATHER REPORT.

Thursday, 17th April, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
16th 6 p.m.	50	"	Dominion	H	29.45	-0.0	NW	4-5	c										
" 7 a.m.	50	15		H	29.44	+0.2	NW	4-5	b										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine (in 6 p.m.).	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine (in 6 p.m.).
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	0.55	?	58	bc, op	bc, bc	2.7	England, S.E.	Margate	0.04	55	45	cp	bc	1.0
	Stonhaven								Ramsgate	0.12	55	41	"	"	1.4
	St. Andrews	0.22	49	37			9.2		Deal	0.32	53	44	ry	bc, b.	1.6
	Carnoustie								Folkestone	0.25	49	44	r	bc.	1.0
England, N.E.	Harrogate	0.17	51	40	c. bc	cp, bc	5.6	England, S.E.	Littlestone						2.3
	Scarborough		56	44	of	bc	4.3		Hastings	0.40	51	45	or	bc.	2.0
	Blackpool	0.50	50	41	cp	cp	5.5		Bexhill-on-Sea	0.42	52	46	r	bc.	2.4
	Southport	0.72	51	42	o, bc, h	bc, bc	6.7		Eastbourne	0.58	53	45	or	bc.	2.7
England, N.W.	Buxton	0.56	52	32	bc, s	bc	5.0	England, S.W.	Seaford	0.49	50	45	or, c	b.	2.7
	Matlock								Brighton	0.52	51	46	or	bc, bc	4.1
	Douglas								Worthing	0.48	53	46	r, b	bc.	2.6
									Littlehampton	0.15					
Wales.	Rhyl	0.24	51	40	b	b	6.3	England, S.W.	Bognor						3.5
	Colwyn Bay	0.40	52	41	p, bc	bc, b.	7.2		Southsea	0.48	56	46	or, c, bc	bc, bc.	5.0
	Llandudno	0.41	52	40	bc, p	b	6.4		Bournemouth	0.66	53	46	r, bc	bc.	6.8
	Bettws-y-Coed		51	40	bc, bc	b	5.6		Weymouth	0.35	55	47	or, c	b.	1.0
England, E.	Aberystwyth	0.55	49	43	r, bc	bc, bc	2.5	England, S.W.	Teignmouth	0.48	56	45	q, p, b	b.	7.4
	Lowestoft	0.21	55	44	or	or, cp	1.4		Torquay	0.73	55	48	b	bc.	6.2
	Felixstowe	0.17	56	45	or, r	or, bc	2.6		Paignton	0.77	56	48	r, bc, b	b.	6.8
	Walton-on-Naze	0.12	56	44	or, r	r, b.	2.9		Ilfracombe	1.09	51	45	r, bc, bc	bc.	6.6
England, S.W.	Southend-on-Sea	0.10	56	46	op	b.	2.5		Weston-super-Mare	0.45	52	47	bc	b.	6.6

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.		
	9 a.m. Yesterday.	3 p.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.) ...	57	63	58	31	23	0.11	or	o, bc	6	37	Dublin to 4 p.m.	0.12	50	40	29	ry, b	cp, bc	bc, bc	5.0	
City (Banhill Row) ...	*	*	*	*	*	*	*	*	*	3.3	Plymouth to 9 p.m.	0.58	54	44	37	bc, ry	bc	bc.	5.3	
Westminster (St. James's Pk.)	57	73	58	34	26	0.16	r	bc	bc.	37	Darwen	0.91	48	36	40	or	o, bc, r	bc.	5.3	
Camden Sq. (Brit. Rainfall)	52	67	58	31	26	0.29	or	t, bc	bc, b.	4.2	Manchester	0.74	51	41		o, or, c	bc	or, bc	5.3	
Hampstead (Reservoir) ...	*	73	56	25	21	0.16	or, bc	bc	bc	4.3	Birmingham	0.53	53	41	39	r	c	c	5.3	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.											56	44	36	or, or, or, or, or	or, or, or, or, or	c, bc	
			Total.		Average Rate.		Max. Rate.													
S. Kensington (Roof of M.O.)	62	78	744 Joules.		12.9 Milliwaits.		71.5 Milliwaits.		40	S. Kensington (Museum Grounds to 6 p.m.)	0.39	57	46	43	o	or	bc			

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

17th & 18th April 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.53	11.53	6.52
	4.51	11.52	6.53
Greenwich	5.3	12.5	6.57
	5.1	11.59	6.56
Wick	4.58	12.12	7.26
	4.55	12.11	7.28
Valencia	5.45	12.41	7.29
	5.41	12.40	7.40

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature exceeded 50° in nearly all parts of this country, and reached 58° at Bournemouth and Torquay. Rain fell generally, but no large amounts are reported. The duration of bright sunshine ranged from less than 1½ hour at Great Yarmouth and Down to 10½ hours at Aberdeen. As far west as the 17th meridian ships experienced N.W. winds, moderate to a gale, with fine to cloudy weather. A strong gale was felt on the English Channel and on the Donegal coast, & squalls up to 42 miles per hour were registered at Aberdeen and New Observatories.

NOTE.—The information relating to weather is indicated by the following letters—o, 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.

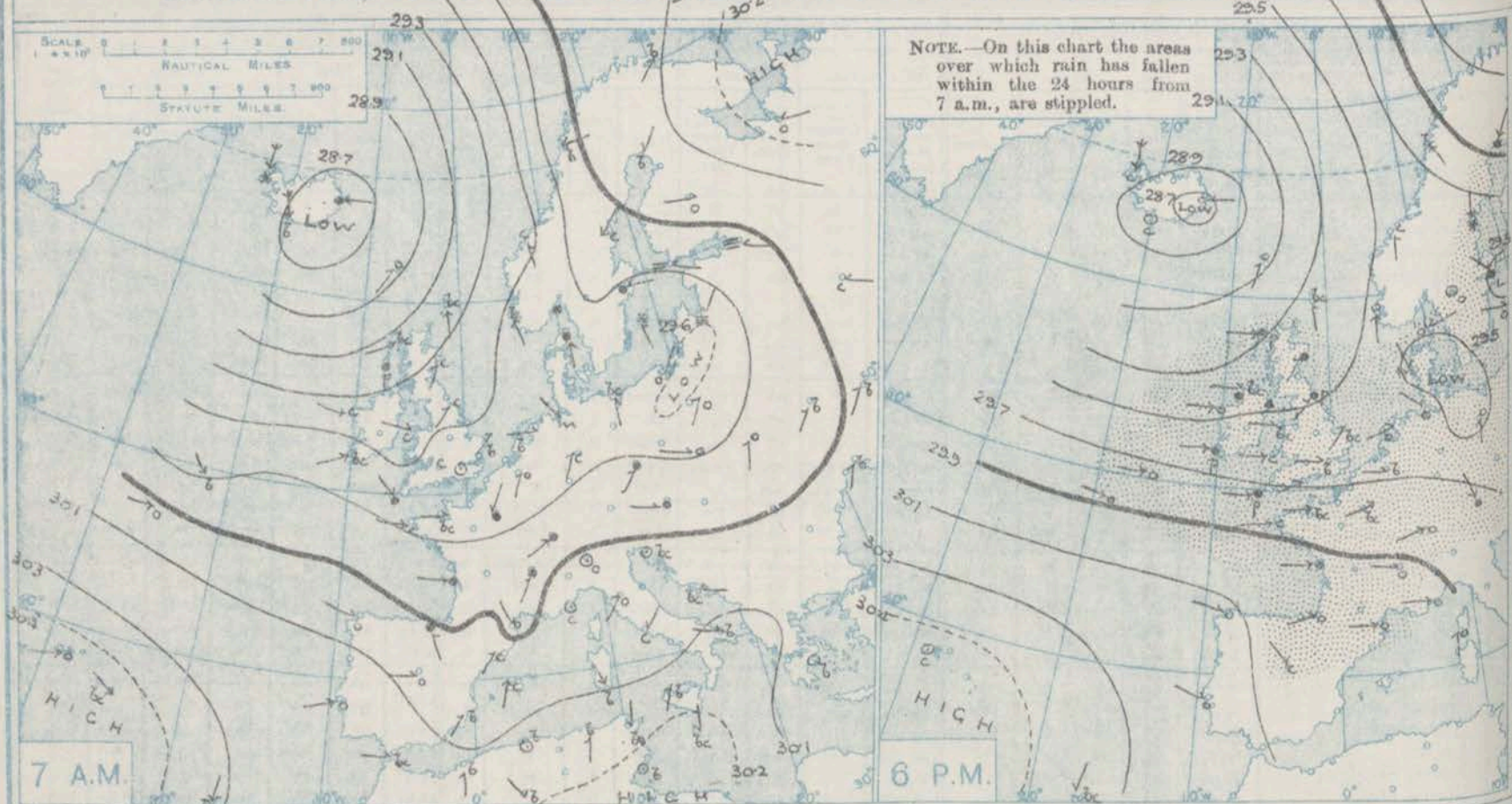
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,
18th April, 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.	Dirac.			Force (0 to 12).	At 32° Fahr. and M.S.L., Lat. 45°.		Dry Bulb.					Change since 4 a.m.	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.
	Bar.	Therm.						Bar.	Therm.																
Spitzbergen	29.30	22	-	0	bc	29.11	+0.1	20	-6	-	bc	-	-	26	12	-	-	-	-	Hours					
Lerwick	29.35	45	SSE	3	bc	29.37	-0.1	42	-1	SSE	1	bc	1	0	47	39	bc	bc	bc	6.0					
Stornoway	29.30	41	W	4	bcp	29.32	-0.1	38	-3	SW	5	bc	4	0.11	48	35	bcp	bcp	bcp	6.0					
Castlebay (Barra Isd.)	29.33	44	WSW	4	bc	29.30	0.0	42	0	WSW	3	bc	3	0.12	45	38	crshp	crshp	crshp	6.6					
Malin Head	29.39	41	W	3	bcmq	29.35	-0.1	39	-2	WSW	4	cg	4	0.04	47	38	bcmq	bcmq	cmq/p	6.0					
Blacksod Point	29.41	45	W	6	o	29.41	-0.0	44	+3	W	5	r	4	0.11	47	38	cg/p	cg/p	op	6.0					
Valencia	29.60	44	WNW	4	p	29.54	-0.1	40	+2	SW	4	op	5	0.26	49	40	bcp	cg/p	bcp	5.5					
Roche's Point	29.62	48	WNW	3	bc	29.58	0	46	+7	WSW	3	r	3	0.11	49	39	bc	bc, cp	cg, op	6.0					
Biri Castle	29.54	42	SW	4	c	29.48	0	42	+4	S	2	c	2	0.13	49	37	cg	cg, bc	cg	8.3					
Donaghadee	29.48	43	W	2	bcp	29.44	0.0	40	+4	WSW	2	c	2	0.03	49	36	bcp	bcp	bcp, c	6.0					
Liverpool Obsy.	29.54	46	WSW	4	bc	29.51	-0.1	42	+2	SSW	2	o	3	0.06	49	39	bcp	bc	or	7.5					
Holyhead	29.54	44	W	3	bc	29.48	+0.1	45	0	W	3	a	2	0	51	40	bc	bc	c	7.5					
Pembroke (St. Ann's Hd.)	29.62	46	W	5	c	29.58	+0.3	47	+4	WSW	6	cg	5	0.06	48	43	cg	bc	cg	9.1					
Newquay	29.70	47	W	6	bc	29.68	+0.1	48	+4	SW	4	op	5	0.08	48	43	bc	bc	bc, op	9.2					
Scilly (St. Mary's)	29.72	46	W	6	cp	29.69	-0.1	46	+5	W	5	cg	6	0.15	50	43	cg	cg	cg	7.3					
Jersey (St. Aubin)	29.79	49	W	5	bc	29.81	0	47	+3	SW	4	op	4	0.22	52	42	bc, b	bc, b	cg	8.3					
Portland Bill	29.68	45	WSW	5	bc	29.66	-0.1	46	+2	WSW	5	c	4	0.05	50	45	op	bcp	bc, r	6.0					
Dungeness	29.61	47	WSW	5	cg	29.71	+0.1	47	+4	WSW	4	c	4	0.02	51	42	c, op	cg	c	6.0					
Dover	29.65	44	SW	3	bc	29.72	0	44	0	SW	4	bc	3	0.11	51	36	b, bc	b, bc	bc, bc	7.0					
Wick	29.35	43	SW	4	bc	29.32	-0.2	42	+2	SW	3	bc	3	0.01	46	35	c	cg, bc	bc	6.0					
Nairn	29.35	45	SW	3	bc	29.33	0	39	0	-	0	c	1	0	50	30	gc	bc	bc, c	8.0					
Aberdeen	29.41	43	SW	2	r	29.40	0.0	38	-4	SW	1	b	2	0.02	50	33	bc	bc	bc, bc	4.9					
Leith	29.41	45	W	2	bc	29.38	-0.1	40	-2	W	2	o	2	0.01	50	40	cg	cg, bc	bc	6.0					
North Shields	29.46	47	SW	3	cg	29.45	-0.2	37	+6	SW	3	op	2	0.07	50	32	bc	op	o	2.9					
Spurn Head	29.53	44	WSW	3	c	29.55	0.0	39	-1	S	5	o	4	0.11	54	36	bc	bc, r	bc, p	8.3					
Yarmouth	29.56	45	SW	2	bc	29.65	+0.1	39	-1	SW	1	bc	1	0.06	48	36	bc	bc	bc	7.2					
Clacton-on-Sea	29.58	45	SSW	2	bc	29.68	0.0	43	+5	SSW	3	c	2	0.14	54	37	bc	cg, bc	bc, c	6.6					
Nottingham	29.57	45	NW	4	bc	29.59	0	40	+3	SW	3	r	2	0.08	51	35	bcp	cg	bcp, bc	6.7					
Bath	29.66	46	W	3	b	29.65	0	46	+9	SW	4	o	2	0.04	52	37	bc	cg	bc	9.0					
London (Kew Obsy.)	29.63	47	W	2	b	29.68	-0.0	43	+6	SW	3	dm	2	0.07	51	37	cg, bc	cg, bc	c, bc	8.5					
Isafjord	29.01	24	N	8	c	29.09	+0.2	26	+1	N	4	o	0	0	0	0	GALES. Duration and Extremes Force on British Coasts.								
Reykjavik	28.82	43	-	0	b	28.94	0.0	32	+6	-	0	o	0	0	0	0									
Vestmanna	28.80	33	-	0	c	28.95	+0.3	30	+2	NNE	1	S	1	0	0	0									
Seydisfjord	28.70	41	E	1	c	29.07	+0.4	35	+1	-	0	c	0	0	0	0									
Thorshavn	29.08	42	SSW	3	o	29.24	+0.1	40	+1	S	3	c	0	0	0	0	GALES. Duration and Extremes Force on British Coasts.								
Haparanda	29.91	35	NE	4	r	29.70	-0.10	37	+5	E	2	o	0	0.16	39	32	GALES. Duration and Extremes Force on British Coasts.								
Hernösand	29.62	34	N	4	S	29.51	-0.1	36	+2	NE	2	o	0	0.32	36	27									
Stockholm	29.47	36	NW	2	r	29.47	+0.4	37	+1	SW	2	o	0	0.26	37	34									
Wisby	29.52	37	W	2	o	29.52	-0.1	38	+2	S	2	o	0	0	41	34									
Karlstad	29.65	36	-	0	o	29.45	0.0	27	+3	NE	2	o	0	Trace	37	34	GALES. Duration and Extremes Force on British Coasts.								
Færdø (X'ania Fjord)	29.54	38	NW	2	o	29.47	0.0	38	+4	-	0	o	1	0.16	38	34									
Bodö	29.75	40	SE	6	b	29.62	+0.4	42	-2	SE	5	bc	2	0	44	37									
Christiansund	29.54	46	SSW	1	c	29.46	-0.1	40	-5	SW	1	o	3	0	48	37									
Skudesnaes	29.54	41	S	4	b	29.50	0.0	40	-1	SSW	2	b	3	0	44	37	GALES. Duration and Extremes Force on British Coasts.								
The Scaw (Skagen)	29.52	41	ENE	3	o	29.47	+0.2	40	+1	-	0	o	0	1.06	41	37									
Blaavands Huk	29.48	42	NNW	2	m	29.58	+0.3	42	-2	WNW	2	c	2	0.04	46	37									
Cuxhaven	29.51	42	NW	1	o	29.65	+0.6	41	-4	WSW	3	b	0	0.12	46	37									
The Helder	29.53	45	WSW	1	o	29.68	+0.4	45	+1	SW	3	b	2	0.04	48	39	GALES. Duration and Extremes Force on British Coasts.								
Brusseis	29.69	43	W	2	bc	29.81	+0.4	43	0	SW	4	c	0	0.08	51	39									
Berlin	29.47	50	S	3	o	29.79	+0.8	44	+4	SW	3	c	0	0.12	55	39									
Frankfurt	29.77	49	NW	6	r	29.44	+0.4	43	-5	W	4	o	0	0.08	54	39									
Munich	29.77	49	NW	6	r	29.44	+0.4	43	-5	W	4	o	0	0.08	54	39	GALES. Duration and Extremes Force on British Coasts.								
C. Gns Nez	29.65	46	W	6	c	29.75	+0.3	45	0	SW	5	c	4	0.08	50	43									
La Hève	29.76	44	W	5	c	29.79	0	41	-3	SW	4	c	4	0.12	50	37									
Brest (St. Mathieu)	29.88	49	W	4	c	29.87	-0.2	48	+2	WNW	4	o	3	0.08	50	46									
Lorient (Bec Melen)	29.59	49	W	3	bc	29.84	0	51	0	W	5	o	4	0.26	52	43	GALES. Duration and Extremes Force on British Coasts.								
Rochefort (Ile d' Aix)	29.97	51	W	5	o	30.02	+0.3	49	-2	WSW	4	r	0	0.16	55	46									
Biarritz	30.07	51	WSW	3	o	30.12	+0.2	51	-3	SSW	3	c	5	0.04	55	46									
Paris	29.78	47	WNW	4	o	29.91	+0.3	45	0	SSW	3	b	0	0.24	56	39									
Belfort	29.82	46	WSW	6	o	30.07	0	40	-6	W	4	o	0	0.16	52	37	GALES. Duration and Extremes Force on British Coasts.								
Lyons	29.93	52	WNW	3	o	30.10	0	45	-3	-	0	c	0	0.08	60	40									
Nice	29.93	51	W	5	o	29.91	+0.1	54	+4	-	0	o	2	Trace	57	48									
Perpignan	29.98	55	W	4	o	30.12	+0.4	53	-2	NW	3	c	0	0	67	51									
Sanguinaire	?	55	SSW	3	o	?	0	56	+2	W	3	f	3	?	59	46	GALES. Duration and Extremes Force on British Coasts.								
Corunna (8 a.m.)	30.13	55	WNW	3	o	30.18	0.0	51	-3	WSW	3	o	6	0	57	46									
Lisbon (8 a.m.)	30.21	57	WNW	3	o	30.26	+0.4	55	-3	NW	2	o	5	0	64	54									
Gibraltar	30.19	60	W	3	bc	30.19	0	57	+3	W	3	bc	1	0	71	54									
Azores (P. Delgada)																	GALES. Duration and Extremes Force on British Coasts.								
Azores (Horta)	30.47	62	-	0	c	30.47	+0.1	59	0	W	1	o	1	0	66	59									
Madeira (Funchal)	30.24	60	NNE	3	bc	30.24	+0.3	61	-1	NNE	3	bc	3	0	64	48									

* Information for these columns not usually received.

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



GENERAL INFERENCE

WEATHER PROSPECTS.

There is no material change in the general atmospheric situation, so that the

weather is likely to maintain the same characteristics as during the past twenty-four hours.

FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

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

Winds varying between South and West, occasionally to Northward of West, fresh or strong at times; gusty, changeable, fine to dull, some rain generally, thunder and hail in places; 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 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. 0-5.

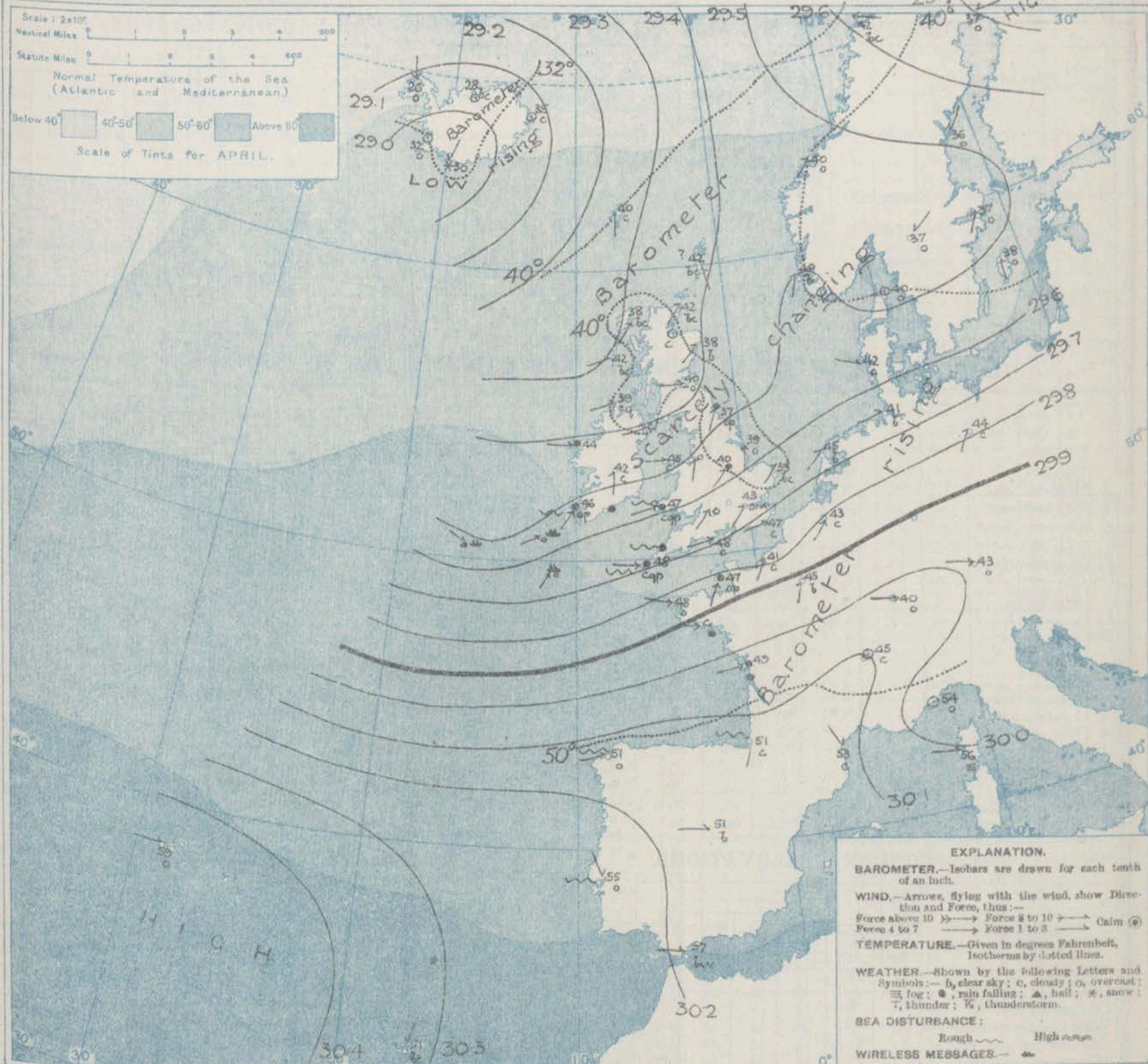
THE FURTHER OUTLOOK. (All Districts)

Similar weather is likely to continue.

11 WESTERN CHANNEL AND BAY.

Southerly to Easterly winds occasionally fresh or strong; sea moderate to rough; squally, changeable, some rain, mist or fog; moderate temperature.

SYNOPTIC CHART FOR 7 A.M. FRIDAY, 18TH APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The area of highest pressure remains along the middle belt of the Atlantic, with the barometer at 30.2 in. southward of the Azores. A deep cyclonic system with the barometer below 29 in., still lies off the south of Iceland. Between the two systems small secondary irregularities of pressure are generated, and travel eastward across the British Isles. The gradient is slight generally.

Calms prevail over Iceland, light variable breezes over Scandinavia, but over the rest of our area southerly to westerly breezes are reported, a strong wind off Pembroke, otherwise light to

moderate breezes prevail. Temperature changes are irregular. At the home stations the values range from 37° at North Shields to 48° along the western half of the Channel; on the Continent from 41° at Cuxhaven & Havre to 54° at Nice, and 57° at Gibraltar; in Scandinavia from 36° at Helsingfors to 42° at Bodø; and in Iceland from 26° to 35°. At Spitzbergen the reading is 20°. The weather remains in the normal changeable condition, from fine and clear to dull, squally and showery. Snow is falling in the south of Iceland. A rough sea is running off Scilly, and it is rather rough on the Bristol Channel and the Kerry coast.

DAILY WEATHER REPORT.

Friday, 18th April. 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.	50	16	Oceanic	O	29.53	0.00	WNW	6-7	r	17th 6 p.m.	50	16	Laurentic	H	29.72	+0.06	W	6-7	0
" "	49	11	Olympic	H	?	-0.02	SW	4-5	0	" 7 a.m.	47	24	Olympic	H	?	-0.02	W	4-5	0
" "	51	11	Laurentic	H	29.07	+0.02	WSW	4-5	0	" "	49	21	Laurentic	H	29.68	-0.06	NW	4-5	0
17th 6 p.m.	48	18	Olympic	H	?	-0.04	WNW	6-7	r										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.					Hr.	Margate ...	In.					Hr.
Oban ...	0.21	45	35	0.00	bc.	5.7	Ramsgate ...	0.02	52	36	bc	bc, bc	7.5
Stonehaven ...							Deal ...	0.06	54	37	"	bc, bc	8.5
St. Andrews ...	0.08	50	37	bc	bc, bc	5.7	Folkestone ...	0.02	53	36	bc, bc	bc, bc	5.5
Carnoustie ...							Littlestone ...	0.14	52	39	0.00	bc, bc	5.5
England, N.E.							Hastings ...	0.03	52	36	bc, bc	bc, bc	7.5
Harrogate ...	0.03	48	35	bc, bc	bc, bc	7.9	Bexhill-on-Sea ...	0.03	51	39	bc, bc	bc, bc	7.5
Scarborough ...	"	53	37	0.00	bc	6.1	Eastbourne ...	0.12	51	36	bc, bc	bc, bc	6.9
England, N.W.							Seaford ...	0.01	50	35	bc, bc	bc, bc	5.5
Blackpool ...	0.13	49	39	0.00	bc	6.2	Brighton ...	0.02	50	35	bc, bc	bc, bc	5.5
Southport ...	0.04	49	38	0.00	bc, bc	8.1	Worthing ...	0.07	51	34	bc, bc	bc, bc	6.2
Buxton ...	0.08	47	33	bc, bc	bc, bc	4.6	Littlehampton ...	0.05	"	"	"	"	"
Matlock ...							Bognor ...						
Douglas ...							Southsea ...	0.45	52	36	bc, bc	bc, bc	7.7
Wales.							Bournemouth ...	0.20	52	33	chr	bc, bc	9.4
Rhyl ...	0.02	49	38	bc	bc	6.4	Weymouth ...	0.03	52	39	bc, bc	bc, bc	6.3
Colwyn Bay ...	0.07	49	38	bc, bc	bc, bc	8.6	Teignmouth ...	0.01	53	35	bc, bc	bc, bc	7.3
Llandudno ...	0.10	49	39	bc	bc	8.0	Torquay ...	0.02	51	37	bc	bc, bc	7.3
Bettws-y-Coed ...	"	51	36	bc	bc, bc	6.5	Paignton ...	0.11	54	34	bc, bc	bc, bc	9.1
Aberystwyth ...	0.07	47	41	bc, bc	bc, bc	7.5	Ilfracombe ...	0.13	49	39	bc, bc	bc, bc	10.1
England, E.							Weston-super-Mare ...	"	50	37	bc	bc	"
Lowestoft ...	0.01	50	35	bc, bc	bc, bc	8.3							
Felixstowe ...	0.02	53	35	bc, bc	bc, bc	6.3							
Walton-on-Naze ...	0.09	52	36	bc, bc	bc, bc	7.0							
Southend-on-Sea ...	0.05	52	36	bc	bc, bc	7.5							

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 Obsy.) ...	%	%	56	35	28	0.06	bcp	rshpy	bc	8.8	Dublin to 4 p.m.	In.	50	39	36	bc	bcp	b
City (Bunhill Row) ...	75	77	56	35	28	0.06	bcp	rshpy	bc	8.8	Plymouth to 9 p.m.	0.02	50	39	36	bc	bcp	b
Westminster (St. James's Pk.)	*	*	54	38	31	0.11	bc	rsh	bc	5.5	Darwen "	0.05	51	39	31	bcp	bcr	bcr
Camden Sq. (Brit. Rainfall)	85	86	54	38	31	0.11	bc	rsh	bc	8.7	Manchester "	0.00	46	38	32	bcp	bcrs	bcr
Hampstead (Reservoir) ...	77	81	56	37	33	0.05	bc	bcp, bc	bc, bcp	6.9	Birmingham "	"	"	"	"	"	"	"
Kew. (See front page.)	*	82	52	36	28	0.07	bcp, bcp	bcr	bc	8.6	Oxford to 8 p.m.	0.04	49	34	28	bc, r	rsh, bcp	c
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																		
			Total.		Average Rate.		Max. Rate.											
S. Kensington (Roof of M.O.)			1312 Joules.		26.3 Milliwatts.		70 Milliwatts.		6.5									
S. Kensington (Museum Grounds to 6 p.m.)																		
												0.11	54	37	24	bc	bc	bcp

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

18th & 19th Apr. 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.51	11.52	6.53
	4.49	11.52	6.54
Greenwich ...	51	11.59	6.58
	4.59	11.59	6.59
Wick ...	4.55	12.11	7.28
	4.52	12.11	7.30
Valencia ...	5.41	12.40	7.48
	5.39	12.40	7.41

During yesterday temperature remained below the normal over the British Isles, there being no record as high as 55°. Rain fell in all districts, but there were no large amounts. At a number of stations, mainly in the southern districts, there were thunderstorms and falls of hail. All districts had good records of bright sunshine, up to about 9 hours in the south-west. As far west as the 25th meridian ships experienced moderate to strong winds between S.W. and N.W., with variable 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.

12.26

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

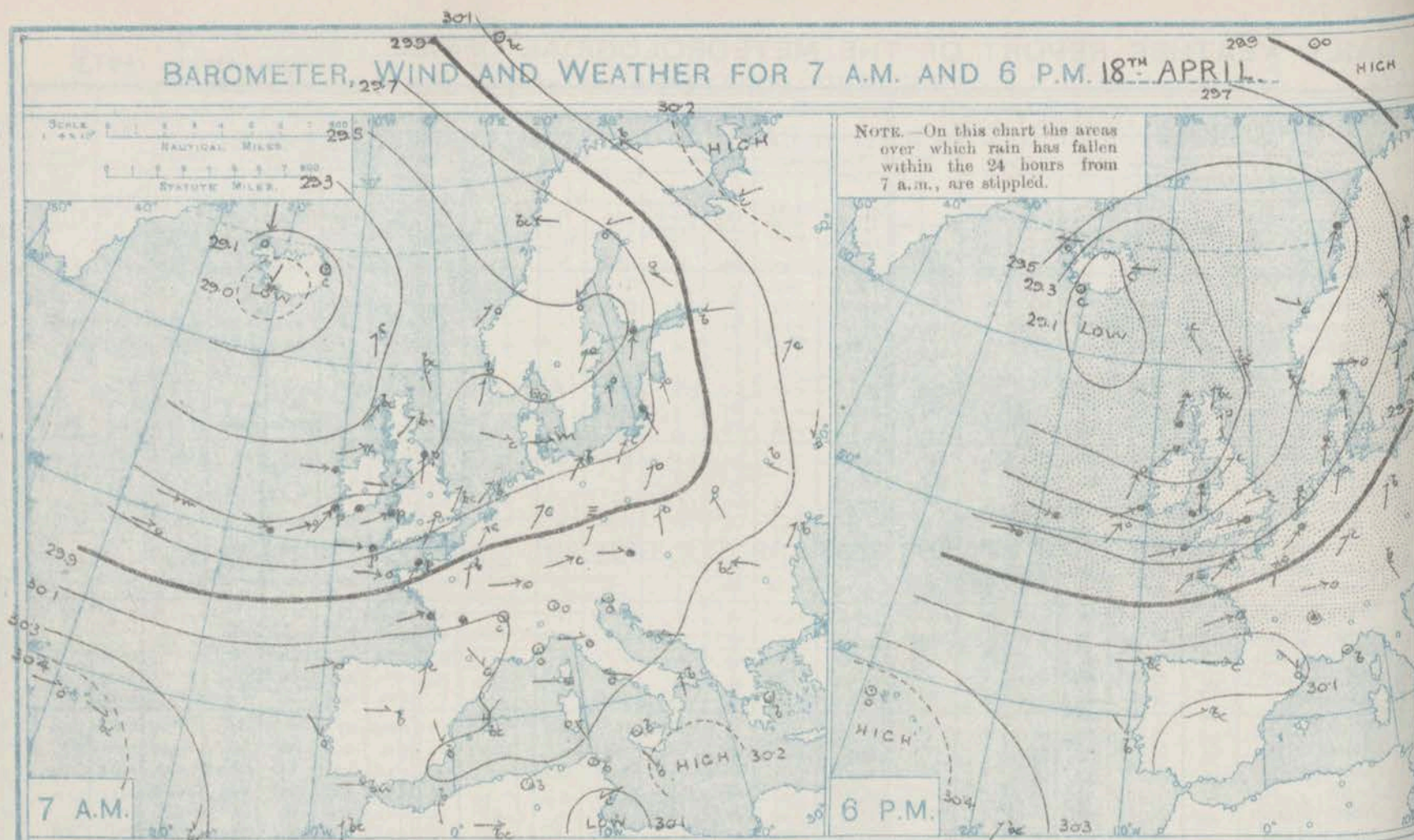
Saturday
19th April, 1913.

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	Weather.	Sea	Rain- fall.	TEMP.		WEATHER.					
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.				Change since 4 a.m.	Dry Bulb.						Change since Yester- day.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.		
Spitzbergen	29.97	24	-	0	c	29.69	-0.7	35	+15	SE	6	0	-	26	18	-	-	-	Hours		
Lerwick	29.20	44	SSW	4	bc	29.10	-0.3	43	+1	ESE	4	c	3	0.03	47	40	bc	bc	cp	4.1	
Stornoway	29.21	44	SSW	3	cph	29.13	+0.3	38	0	WNW	3	r	3	0.35	45	34	bc, cp	cp, th	o, cp	5.3	
Castlebay (Barra Isd.)	29.24	41	WSW	3	r	29.18	+0.6	42	0	WNW	4	c	3	0.12	46	28	bc, sh	bc, or	r, b, cp		
Malin Head	29.22	42	SW	1	fm	29.21	+0.1	40	+1	WNW	5	rg	6	0.64	49	27	gcp	omr	ogp		
Blackod Point	29.26	47	SSW	4	o	29.42	+0.6	42	-2	WNW	6	o	5	0.25	47	38	or	omr	omr		
Valencia	29.47	49	WSW	5	op	29.62	+0.6	46	0	W	5	c	6	0.16	54	42	omr	omr	omr	6.3	
Roche's Point	29.38	53	SW	3	o	29.60	-	44	-2	NW	4	b	3	0.06	54	43	os	od	ogp		
Birr Castle	29.26	50	W	6	c	29.47	-	41	-1	W	6	c	5	0.21	52	38	or	c, or	cp	0.6	
Donaghadee	29.26	46	WSW	2	r	29.23	+0.5	40	0	W	5	ap	4	0.21	50	39	cp	or	or		
Liverpool Obsy.	29.36	46	SSW	3	r	29.31	+0.3	43	+1	WSW	6	bc	5	0.12	51	41	bc	op	bc	3.7	
Holyhead	29.30	46	S	4	r	29.36	+0.2	43	-2	NW	7	c	6	0.17	50	42	og	omr	ed	2.0	
Pembroke (St. Ann's Hd.)	29.42	48	WSW	5	r	29.52	+0.5	44	-3	NW	5	cp	6	0.11	49	44	og	cp	omr	0.0	
Newquay	29.55	50	SW	4	ogd	29.62	+0.5	48	0	W	6	o	6	0.20	51	46	ogp	ogm	or	0.0	
Scilly (St. Mary's)	29.56	50	WSW	6	mf	29.64	+0.5	49	+1	WNW	5	c	6	0.26	51	44	omr	fr	omr	0.0	
Jersey (St. Aubin)	29.77	50	SW	5	ogp	29.71	-	50	+2	SW	4	omd	4	0.26	54	46	ogp	ogp	omr	0.0	
Portland Bill	29.56	46	SW	7	r	29.54	+0.2	48	0	WSW	6	c	5	0.03	48	45	cp	c, or	od, r		
Dungeness	29.65	48	SW	6	r	29.52	+0.2	50	+3	SW	5	o	5	0.16	50	46	cp, c	c, or	or, o		
Dover	29.66	47	SW	5	r	29.57	-	48	+4	SW	5	o	6	0.09	49	43	bc, cp	op, r	bc, or, o	3.2	
Wick	29.22	43	S	3	bc	29.05	-0.2	37	-5	W	3	c	2	0.09	47	35	bc	bc	omr, c		
Nairn	29.22	45	SW	2	c	29.07	-	37	-2	W	2	c	1	0.14	51	33	bc	dgc	r, c	0.0	
Aberdeen	29.27	44	S	2	o	29.05	-0.0	40	+2	NW	3	c	2	0.25	48	37	cp, bc	bc, cp	c, or, c	6.7	
Leith	29.27	46	S	3	o	29.08	+0.1	38	-2	W	2	o		0.29	52	37	cp	bc, cp	or		
North Shields	29.37	48	SW	3	c	29.12	-0.2	43	+6	SW	3	cp	2	0.25	53	35	cp	c	r, c		
Spurn Head	29.45	47	S	4	c	29.25	-0.0	46	+7	WSW	6	cp	5	0.03	51	38	cp	c, or	cp	3.3	
Yarmouth	29.59	49	WSW	3	c	29.38	+0.5	48	+9	SW	2	bc	2	0.03	53	39	bc	bc, or	od, bc	2.6	
Clacton-on-Sea	29.60	48	SSW	4	op	29.45	+0.3	46	+5	SSW	3	o	2	0.06	51	43	c, bc, c	c, op	od, cp	2.3	
Nottingham	29.50	49	SW	3	o	29.33	-	48	+8	W	5	rlp		0.11	52	40	ro, cp	cp	op	1.9	
Bath	29.52	49	S	1	r	29.31	-	50	+4	W	7	o		0.12	53	46	-	-	-	0.0	
London (Kew Obsy.)	29.60	49	WSW	4	od	29.49	-0.0	48	+5	SW	3	od		0.14	52	45	omr, c	or, o	od, or	0.3	
Isafjord	?	38	E	2	o	29.26	+0.4	30	+4	-	0	b		-	-	-	-	-	-		
Reykjavik	29.05	39	-	0	o	29.25	+0.3	35	+3	-	0	o		-	-	-	-	-	-		
Vestmanna	29.08	39	-	0	o	29.32	+0.5	32	+2	-	0	b		-	-	-	-	-	-		
Seydisfjord	29.19	47	E	3	c	29.32	+0.3	35	0	-	0	s		-	-	-	-	-	-		
Thorshavn	29.19	44	SE	3	c	29.14	+0.1	39	-1	N	2	c		-	-	-	-	-	-		
Haparanda	29.04	35	S	6	r	29.82	+0.4	35	-2	S	6	o		0.12	39	34	-	-	-		
Hernösand	29.62	34	SE	2	s	29.77	+0.1	36	0	S	4	c		0.20	37	32	-	-	-		
Stockholm	29.75	39	SSW	2	o	29.66	+0.3	41	+4	SSW	4	o		0.44	43	36	-	-	-		
Wisby	29.84	40	SSW	2	c	29.91	+0.1	43	+7	S	2	b		0.28	46	36	-	-	-		
Karlstad	29.44	37	W	4	o	29.68	-0.2	39	+2	ESE	4	o		0.05	43	36	-	-	-		
Færder (X'lania Fjord)	29.58	29	SSW	2	o	29.49	-0.6	41	+5	SE	6	o	3	0.12	41	37	-	-	-		
Bodö	29.42	38	SSW	4	r	29.49	-0.0	41	-1	E	1	c	1	0.04	42	34	-	-	-		
Christiansund	29.48	41	WSW	1	c	29.42	-0.2	41	+1	SSW	2	b	2	-	50	29	-	-	-		
Skudesnaes	29.49	40	SSW	6	b	29.20	-0.7	43	+3	S	6	c	2	-	43	39	-	-	-		
The Scaw (Skagen)	29.65	41	S	3	r	29.48	-0.7	43	+5	SSW	5	r	1	1.34	46	37	-	-	-		
Blaavands Huk	29.65	41	S	4	r	29.30	-0.3	43	+1	SSW	5	r	4	0.26	46	39	-	-	-		
Cuxhaven	29.72	44	S	2	o	29.45	-0.1	45	+4	S	6	r		0.24	50	7.41	-	-	-		
The Helder	29.64	46	S	5	c	29.39	+0.1	48	+3	SW	7	o	3	0.05	48	45	-	-	-		
Brussels	29.76	47	SW	4	r	29.62	+0.1	50	+7	SW	4	r		0.20	51	41	-	-	-		
Berlin	29.93	46	S	2	b	29.84	-0.6	46	+2	S	4	bc		0.05	54	37	-	-	-		
Frankfurt	29.92	45	SW	2	c	29.81	-0.1	48		SW	4	r		0.08	54	43	-	-	-		
Munich	30.00	41	SE	3	b	30.04	-0.1	44	+1	SSW	4	b		Trace	48	37	-	-	-		
C. Gris Nez	29.68	47	SW	6	r	29.56	+0.1	49	+4	SW	6	o	5	0.28	49	45	-	-	-		
La Hève	29.76	46	SW	4	o	29.69	-	46	+5	SW	4	o	5	0.04	50	7.41	-	-	-		
Brest (St. Mathieu)	29.81	49	SW	5	f	29.79	-0.1	49	+1	WSW	4	p	3	0.16	52	48	-	-	-		
Lorient (Bec Melen)	29.83	52	SW	5	r	29.80	-	52	+1	WSW	3	r	4	0.25	54	45	-	-	-		
Rochefort (Ils d' Aix)	30.06	51	WSW	4	o	29.94	+0.2	52	+3	WSW	5	r		0.32	54	48	-	-	-		
Biarritz	30.14	54	W	2	c	30.09	-0.1	56	+5	SSW	2	bc	4	-	56	48	-	-	-		
Paris	29.86	50	ESE	3	o	29.78	+0.2	52	+7	SSW	4	o		0.12	55	48	-	-	-		
Belfort	30.02	45	WSW	5	o	30.01	-	45	+5	WSW	6	r		0.16	50	40	-	-	-		
Lyons	30.07	51	-	0	r	30.10	-	47	+2	-	0	r		0.04	58	43	-	-	-		
Nice	29.87	54	-	0	b	30.07	+0.4	52	-2	-	0	bc	2	-	70	45	-	-	-		
Perpignan	30.17	59	NW	2	o	30.18	+0.1	52	-1	SW	2	b		-	69	43	-	-	-		
Sanguinaire	?	54	W	2	m	?	-	55	-1	E	2	m	3	-	59	48	-	-	-		
Corunna (S. a. m.)	30.17	54	W	3	bc	30.17	-0.0	57	+6	SSW	3	o	5	-	61	51	-	-	-		
Lisbon (S. a. m.)	30.28	53	NW	3	b	30.27	+0.2	57	+2	NNW	4	b	5	-	61	52	-	-	-		
Gibraltar	30.22	57	W	4	b	30.21	-	56	-1	W	3	b	3	-	72	54	-	-	-		
Azores (P. Delgada)																					
Azores (Horta)	30.47	60	-	0	o	30.41	-0.2	59	0	SW	4	o	1	-	70	59	-	-	-		
Madeira (Funchal)	30.26	62	SW	3	bc	30.21	+0.1	64	+3	N	3	bc	3	-	64	50	-	-	-		

* 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 APRIL



GENERAL INFERENCE

WEATHER PROSPECTS.

The depression over Scotland is likely to pass away or disperse, but the general conditions

are likely to remain of an unsettled type as further disturbances advance from the Westward.

FORECASTS FOR THE 24 HOURS NOON SATURDAY

TO NOON SUNDAY.

- 0 {
a } Moderate or fresh winds,
b } mainly Westerly; dull, some
rain, occasional fair intervals;
1 } temperature below the normal.

- 2 {
a } Moderate or fresh Westerly
b } winds, changeable, fair intervals;
3 } some showers; temperature below
the normal.

- 4 {
a } Fresh Westerly winds, strong
b } at times; changeable, fair
5 } intervals, some showers; 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 } North Westerly or Westerly to
b } South Westerly winds, fresh to strong
at times; unsettled, fair
intervals, some showers;
7 {
a } cool.

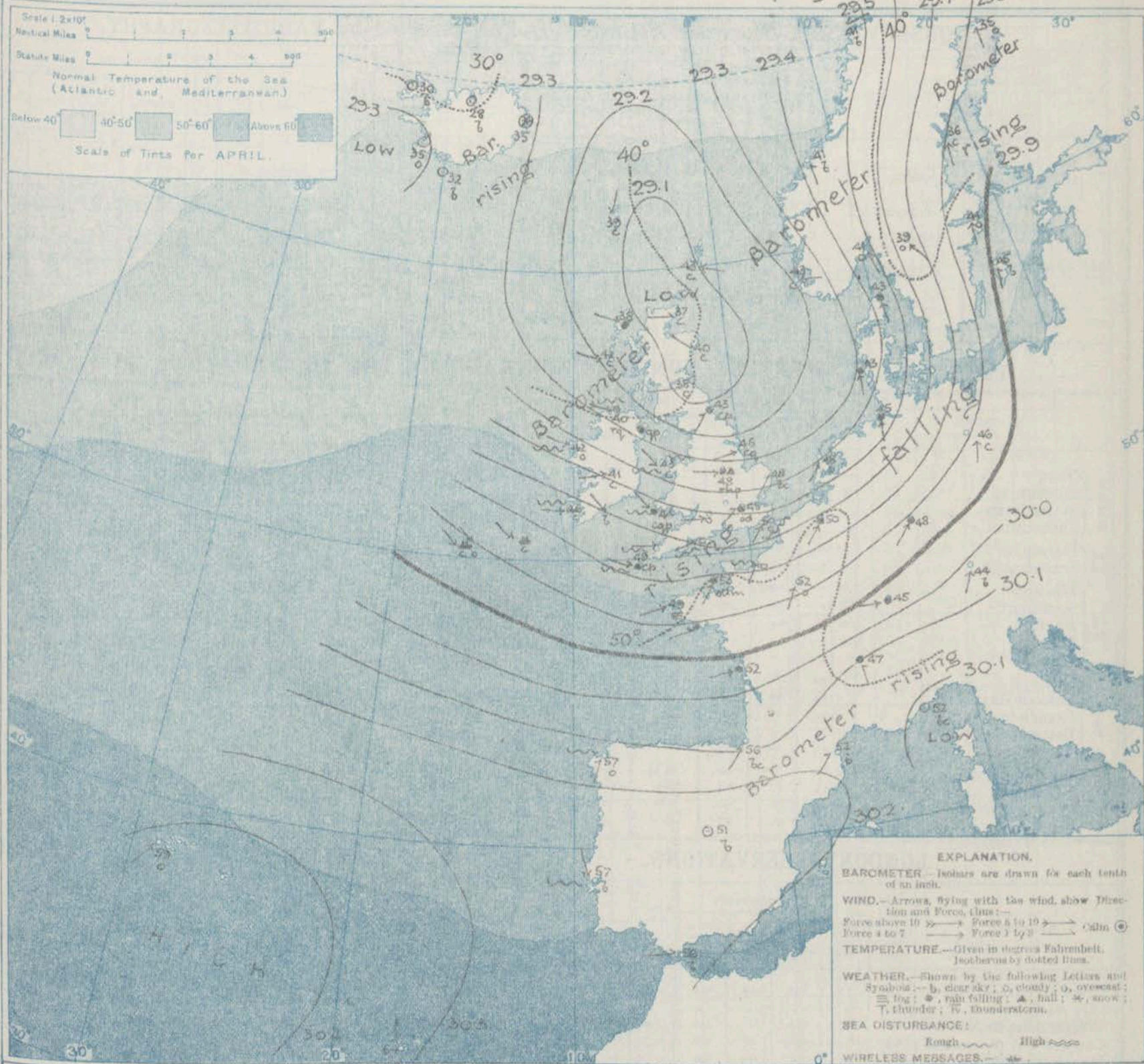
- 8 {
a } Same as no. 5.
b }

- 9 {
a } Same as nos 6 and 7.
b }

- 10 {
a }
b }
- 11 WESTERN CHANNEL AND BAY.
Fresh or strong Westerly
winds; moderate to rather
rough sea; unsettled; cool

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. SATURDAY, 19TH APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A depression in which the lowest reading stands at about 29.5 in. over the east of Scotland is affecting the whole of northwestern Europe. The gradient is steepest over the Scandinavian countries. Over our own islands the gradient is moderate, readings being above 29.8 westward of Ireland in lat. 50°N, long 16°W.

The wind is westerly over England, while in Ireland and the west of Scotland it tends to north-westerly. In force it is generally moderate to fresh, but it is blowing strongly in the Irish Sea and on the north coast of Ireland and also

at exposed stations in the Channel. The weather is very unsettled both at home and abroad, showers, occasionally of hail, are reported from many of our own stations, while steady rain is falling in Denmark and the north west of Germany. Temperature continues rather low. The morning readings range from 39° in the north of Scotland to slightly below 50° on the south coast. The sea is rough in the Channel and in the Irish Sea.

DAILY WEATHER REPORT.

Saturday, 19th April 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
19th 7 a.m.	50	16	<i>Celtic</i>	O	29.56	+0.0	WNW	4-5	O	18th 6 p.m.	51	12	<i>Hesperian</i>	H	29.53	-0.03	W	6-7	bc
"	50	16	<i>Tranconia</i>	H	"	"	NW	4-5	C	"	51	"	<i>Celtic</i>	O	29.58	+0.07	SW	6-7	"
"	51	13	<i>Victorian</i>	H	29.66	+0.02	WNW	6-7	C	" 7 a.m.	48	26	<i>Tranconia</i>	H	29.81	-0.03	W	6-7	"
18th 6 p.m.	49	21	<i>Tranconia</i>	H	29.73	-0.03	W	6-7	"	"	51	24	<i>Victorian</i>	H	29.52	-0.01	W	6-7	"
"	49	21	<i>Oceanic</i>	O	29.69	+0.04	WSW	6-7	O	"	50	15	<i>Hesperian</i>	H	29.54	-0.16	W	4-5	"
"	51	19	<i>Victorian</i>	H	29.57	+0.02	WNW	6-7	"										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.					Hr.	(Margate ...)	In.					Hr.
Oban ...	0.27	47	36	r, b, c	b, c, p.	3.5	Ramsgate ...	0.04	52	36	o, p.	o, p.	3.0
Stonehaven ...	"	51	35	b	b, c	5.1	Deal ...	0.04	51	36	b, c, c	o, p, o, g	2.7
St. Andrews ...	"	"	"	"	"	"	Folkestone ...	0.06	48	39	r, b	o, p.	2.5
Carnoustie ...	"	"	"	"	"	"	Littlestone ...	"	"	"	"	"	1.8
England, N.E.							Hastings ...	0.10	50	38	b, c, o, p	c, o, r	1.8
Harrogate ...	0.05	51	34	b, c, p.	b, c, o, p.	4.5	Bexhill-on-Sea ...	0.05	49	41	b, c, o, d	d	1.7
Scarborough ...	"	53	38	o, c	o	3.3	Eastbourne ...	0.07	52	41	o, b, c, o	o, g, b, r	1.3
England, N.W.							Seaford ...	0.00	50	42	b, c, o, r	o, r	0.7
Blackpool ...	0.19	50	40	o, r, c, p, h	c, o, r	2.9	Brighton ...	0.12	51	42	o, p, o, c	o, p	0.8
Southport ...	0.10	51	38	b, c, o	c, o, r	4.5	Worthing ...	0.09	52	39	c, o	o, r	0.8
Buxton ...	0.29	49	34	b, c, r	b, c, r	2.5	Littlehampton ...	0.03	"	"	"	"	0.8
Matlock ...	"	"	"	"	"	"	Bognor ...	"	"	"	"	"	0.3
Douglas ...	"	"	"	"	"	"	Southsea ...	0.04	53	42	o, c, o, b, c	o, r	0.4
Wales.							Bournemouth ...	0.27	51	40	o, r	o, r	0.8
Rhyl ...	0.02	51	38	b, c	b, c	3.9	Weymouth ...	0.06	52	43	c	p, r	0.8
Colwyn Bay ...	0.09	53	40	b, c	b, c	4.0	Teignmouth ...	0.08	54	40	o, p	c, r	0.8
Llandudno ...	0.09	52	40	b, c	b	6.1	Torquay ...	0.10	52	41	c, o	c, o, r	0.8
Bettws-y-Coed ...	"	"	"	"	"	"	Paignton ...	0.10	54	38	b, c, o, b, c	b, c, o, r	0.8
Aberystwyth ...	0.31	49	43	o, r, o	c, o, r	0.0	Ilfracombe ...	0.09	51	44	o, c, o	o, u, d	0.4
England, E.							Weston-super-Mare ...	0.14	51	39	c, b, c, o	o, r	0.4
Lowestoft ...	0.12	52	38	c, b, c, o, p	c, o, p	2.3							
Felixstowe ...	0.06	51	37	c, p, a, m	c, p, a, m, o	1.9							
Walton-on-Naze ...	0.08	50	42	b, b, c, o	o, r	2.4							
Southend-on-Sea ...	0.05	52	37	o, p	o, p	1.6							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rainfall.	WEATHER.			Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.	Min. on Grass.		Forenoon.	Afternoon.	Night.	
Greenwich (Royal Obs.) ...	76	70	54	46	43	0.13	o, p	o, p	o, r, p	0.2
City (Bunhill Row) ...	"	"	"	"	"	"	"	"	"	0.1
Westminster (St. James's Pk.)	81	75	53	47	42	0.09	b, c	r	b, c	0.2
Camden Sq. (Brit. Rainfall)	78	72	54	47	43	0.18	c, o	c, p	c, p	0.3
Hampstead (Reservoir) ...	"	69	50	44	40	0.20	c.	o, r	o, p	0.2
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.)			731 joules.		124.5 Milliwatts.		49 Milliwatts.			

Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.	
Dublin to 4 p.m.	0.04	52	41	37	o, r, b	c, o, r	0.0
Plymouth to 9 p.m.	0.17	51	42	37	o, r	o, r, p	0.0
Darwen "	0.27	49	33	32	b, c, o, r	o, c, p, b, c, o, r	2.0
Manchester "	0.21	51	38	"	c, o, r, c	b, c, o, r	2.1
Birmingham "	0.09	50	36	29	o, c, p	c, p	0.0
Oxford to 8 p.m.	"	51	37	32	o, r, b, c	c, o, p	0.0
S. Kensington (Museum Grounds to 6 p.m.)	0.05	52	29	22	b, c, p	o	0.0

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

19th-20th April 1913.	Sunrise.	Noon.	Sunset.
G.M.T.	G.M.T.	G.M.T.	
Yarmouth ...	4.49	11.52	6.54
Greenwich ...	4.59	11.54	6.59
Wick ...	4.52	12.11	7.00
Valencia ...	5.39	12.40	7.41

NOTES ON YESTERDAY'S WEATHER.

The weather was generally unsettled; rain fell in all districts. Temperature rose slightly above 50° at most English stations. The largest amount of bright sunshine was 6.7 hours at Aberdeen, but at many stations the sky remained overcast throughout. A westerly gale was experienced during the night or early this morning in the English Channel and Irish Sea.

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.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,
20th April, 1913.

STATIONS	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.				
	BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.							
	At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Direc.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.					
Spitzbergen ...	29.49	37	SE	2	0	29.40	-0.2	34	-1	-	0	0	0	0	0	37	32	0	0	0	0	0	0	0	
Lerwick ...	29.14	45	NNW	4	c	29.38	+0.6	42	-1	WSW	3	b	2	0.04	46	40	bc	cm	cb	bc	bc	bc	bc	bc	10.6
Stornoway ...	29.36	45	NW	5	bc	29.67	+0.7	44	+6	NW	4	b	4	0.09	48	38	bc	bc	bc	bc	bc	bc	bc	bc	7.9
Castlebay (Barra Isd.) ...	29.45	43	WNW	4	bc	29.73	+0.6	44	+2	NW	3	b	3	0.07	47	39	cb	bc	bc	bc	bc	bc	bc	bc	7.6
Malin Head ...	29.50	43	NW	6	bc	29.78	+0.4	44	+4	NW	4	bc	5	0.15	45	38	cb	bc	bc	bc	bc	bc	bc	bc	0
Blacksod Point ...	29.69	46	WNW	6	c	29.83	+0.1	39	-3	NW	2	c	3	0.04	48	36	om	bc	bc	bc	bc	bc	bc	bc	6.7
Valencia ...	29.82	48	W	5	om	29.85	-0.2	43	-3	E	3	0	4	0.02	49	36	c	bc	bc	bc	bc	bc	bc	bc	0
Roche's Point ...	29.79	48	NW	4	c	29.91	0	41	-3	NNE	1	c	2	0.01	51	35	cb	c	bc	bc	bc	bc	bc	bc	0
Birr Castle ...	29.69	46	W	4	c	29.89	0	40	-1	NW	1	bc	0	0.05	48	33	cb	cb	bc	bc	bc	bc	bc	bc	10.6
Donaghadee ...	29.54	45	W	5	bc	29.77	+0.6	45	+5	W	2	b	1	0.03	49	41	cb	bc	bc	bc	bc	bc	bc	bc	0
Liverpool Obsy. ...	29.57	46	WSW	6	b	29.86	+0.5	42	-1	WSW	4	b	4	0.04	49	41	cb	bc	bc	bc	bc	bc	bc	bc	9.4
Holyhead ...	29.60	46	NW	5	bc	29.87	+0.3	46	+3	NW	4	b	3	0	50	41	cb	bc	bc	bc	bc	bc	bc	bc	11.4
Pembroke (St. Ann's Hd.) ...	29.70	46	WNW	4	bc	29.92	+0.4	45	+1	NW	3	bc	3	0.04	48	43	cb	bc	bc	bc	bc	bc	bc	bc	10.1
Newquay ...	29.79	48	W	5	b	29.96	+0.3	46	-2	SE	1	c	5	0	50	38	0	0	bc	bc	bc	bc	bc	bc	9.0
Scilly (St. Mary's) ...	29.83	50	WNW	5	bc	29.95	0	46	-3	-	0	cm	4	0	52	41	bc	bc	bc	bc	bc	bc	bc	bc	6.8
Jersey (St. Aubin) ...	29.84	51	W	5	b	30.01	0	46	-4	W	3	bm	3	0.05	55	40	om	bc	bc	bc	bc	bc	bc	bc	3.1
Portland Bill ...	29.75	49	W	5	bc	29.96	+0.5	47	-1	WNW	3	b	4	0	52	44	bc	bc	bc	bc	bc	bc	bc	bc	0
Dungeness ...	29.65	52	W	4	c	29.89	+0.6	45	-5	W	3	b	4	0	54	39	cb	bc	bc	bc	bc	bc	bc	bc	0
Dover ...	29.67	50	W	3	bc	29.90	0	46	-2	WNW	3	b	2	0	56	39	cb	bc	bc	bc	bc	bc	bc	bc	7.2
Wick ...	29.23	43	NW	5	0	29.55	+0.8	42	+5	NNW	4	0	4	0.04	45	36	cb	bc	bc	bc	bc	bc	bc	bc	0
Nairn ...	29.30	44	NNW	3	bc	29.64	0	40	+3	NW	1	c	1	0.06	48	35	ph	bc	bc	bc	bc	bc	bc	bc	6.4
Aberdeen ...	29.26	44	WNW	5	bc	29.61	+1.0	43	+3	WNW	5	b	2	0.08	48	39	cb	bc	bc	bc	bc	bc	bc	bc	5.4
Leith ...	29.36	46	W	5	b	29.69	+1.1	41	+3	WSW	4	b	2	0.04	50	38	c	b	bc	bc	bc	bc	bc	bc	0
North Shields ...	29.37	48	W	4	c	29.72	+1.0	42	-1	W	3	b	2	0.01	50	37	c	c	bc	bc	bc	bc	bc	bc	7.0
Spurn Head ...	29.48	46	W	5	bc	29.74	+0.8	42	-4	W	6	b	5	0	48	39	bc	bc	bc	bc	bc	bc	bc	bc	0
Yarmouth ...	29.54	50	W	3	bc	29.81	+0.6	41	-7	W	3	b	2	0.03	54	38	bc	bc	bc	bc	bc	bc	bc	bc	6.2
Clacton-on-Sea ...	29.61	52	W	4	bc	29.86	+0.6	42	-6	W	3	b	2	0.01	55	39	cb	bc	bc	bc	bc	bc	bc	bc	7.8
Nottingham ...	29.58	47	W	5	b	29.82	0	41	-7	W	2	c	0	0.03	51	36	0	bc	bc	bc	bc	bc	bc	bc	8.5
Bath ...	29.72	49	W	6	bc	29.94	0	43	-7	WSW	2	b	0	0	53	38	0	0	bc	bc	bc	bc	bc	bc	8.3
London (Kew Obsy.) ...	29.68	46	WNW	3	cm	29.92	+0.7	42	-6	W	3	b	0	0.01	54	39	cb	bc	bc	bc	bc	bc	bc	bc	5.8
Isafjord ...	29.42	37	-	0	c	29.42	-0.3	32	+2	-	0	bc	0	0	0	0	0	0	0	0	0	0	0	0	0
Reykjavik ...	29.39	42	E	2	0	29.41	+0.1	35	0	SE	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vestmanna ...	29.43	40	W	1	b	29.48	-0.2	37	+5	S	1	c	1	0	0	0	0	0	0	0	0	0	0	0	0
Seydisfjord ...	29.38	48	SW	3	b	29.45	+0.1	34	-1	-	0	b	0	0	0	0	0	0	0	0	0	0	0	0	0
Thorshavn ...	29.22	44	NNE	2	c	29.48	+0.9	40	+1	NW	5	c	0	0	0	0	0	0	0	0	0	0	0	0	0
Haparanda ...	29.97	37	S	4	0	29.80	-0.6	39	+4	SE	4	0	0	0.04	41	34	0	0	0	0	0	0	0	0	0
Hernösand ...	29.71	39	E	6	0	29.50	-0.6	38	+2	E	8	0	0	0.32	39	32	0	0	0	0	0	0	0	0	0
Stockholm ...	29.62	47	SE	6	0	29.51	+0.1	42	+1	SSW	2	0	0	0.35	52	41	0	0	0	0	0	0	0	0	0
Wisby ...	29.66	48	S	2	0	29.61	+0.5	45	0	SW	2	bc	0	0.32	54	41	0	0	0	0	0	0	0	0	0
Karlstad ...	29.37	43	SE	4	0	29.39	0	40	+1	SE	4	0	0	0.28	48	36	0	0	0	0	0	0	0	0	0
Färder (X'ania Fjord) ...	29.23	41	SE	5	m	29.21	-0.4	40	-1	S	6	0	0	0.55	0	0	0	0	0	0	0	0	0	0	0
Bodö ...	29.55	42	E	2	b	29.41	-0.4	46	+5	E	6	bc	2	0	46	39	0	0	0	0	0	0	0	0	0
Christiansund ...	29.12	46	ESE	3	c	29.16	+0.3	44	+3	W	1	c	3	0	50	39	0	0	0	0	0	0	0	0	0
Skudesnaes ...	29.00	41	ESE	6	0	29.30	+0.8	42	-1	NW	4	c	2	0.32	41	39	0	0	0	0	0	0	0	0	0
The Scaw (Saagen) ...	29.28	43	SW	6	0	29.32	+0.2	43	0	SSW	7	c	2	0.39	45	39	0	0	0	0	0	0	0	0	0
Blaavands Huk ...	29.36	42	W	5	bc	29.54	+0.8	44	+1	WSW	5	bc	4	0.28	46	41	0	0	0	0	0	0	0	0	0
Cuxhaven ...	29.51	45	W	4	bc	29.67	+0.6	45	0	W	4	b	0	0.20	52	39	0	0	0	0	0	0	0	0	0
The Helder ...	29.56	46	SW	5	bc	29.76	+0.6	44	-4	WSW	5	c	3	0	50	43	0	0	0	0	0	0	0	0	0
Brussels ...	29.72	47	WSW	3	b	29.90	+0.7	44	-6	WSW	1	b	0	0.20	54	38	0	0	0	0	0	0	0	0	0
Berlin ...	29.71	51	S	4	0	29.78	+0.5	47	+1	W	2	0	0	0.16	51	39	0	0	0	0	0	0	0	0	0
Frankfurt ...	29.74	50	SW	3	0	29.88	+0.7	46	-2	SW	1	b	0	0.04	52	45	0	0	0	0	0	0	0	0	0
Munich ...	29.88	50	SW	5	0	29.94	+0.1	44																	

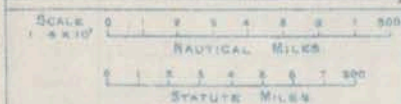
* Information for these columns not usually received.

† Received too late for insertion in Charts.

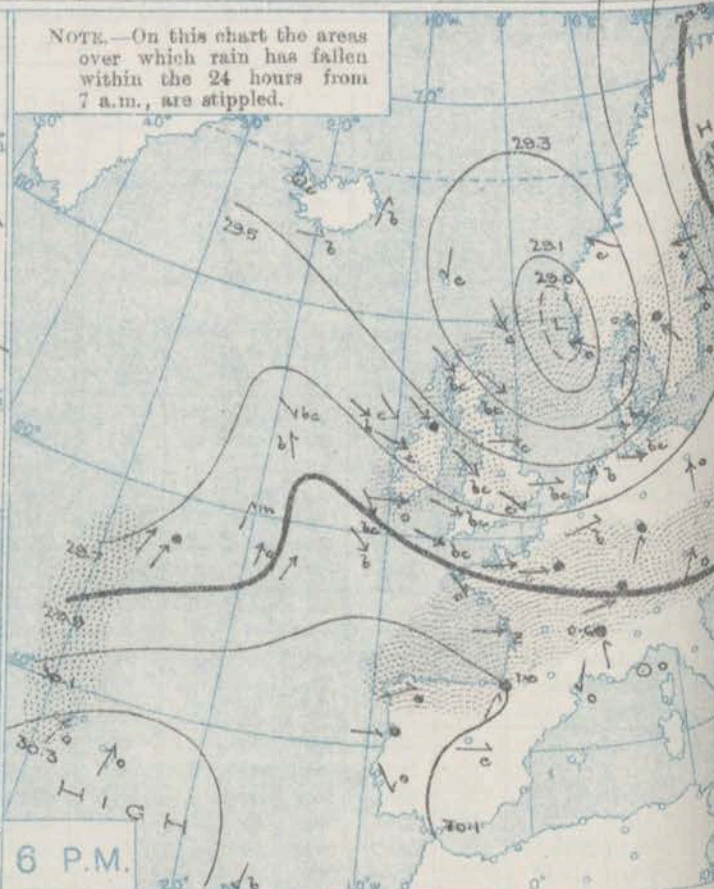
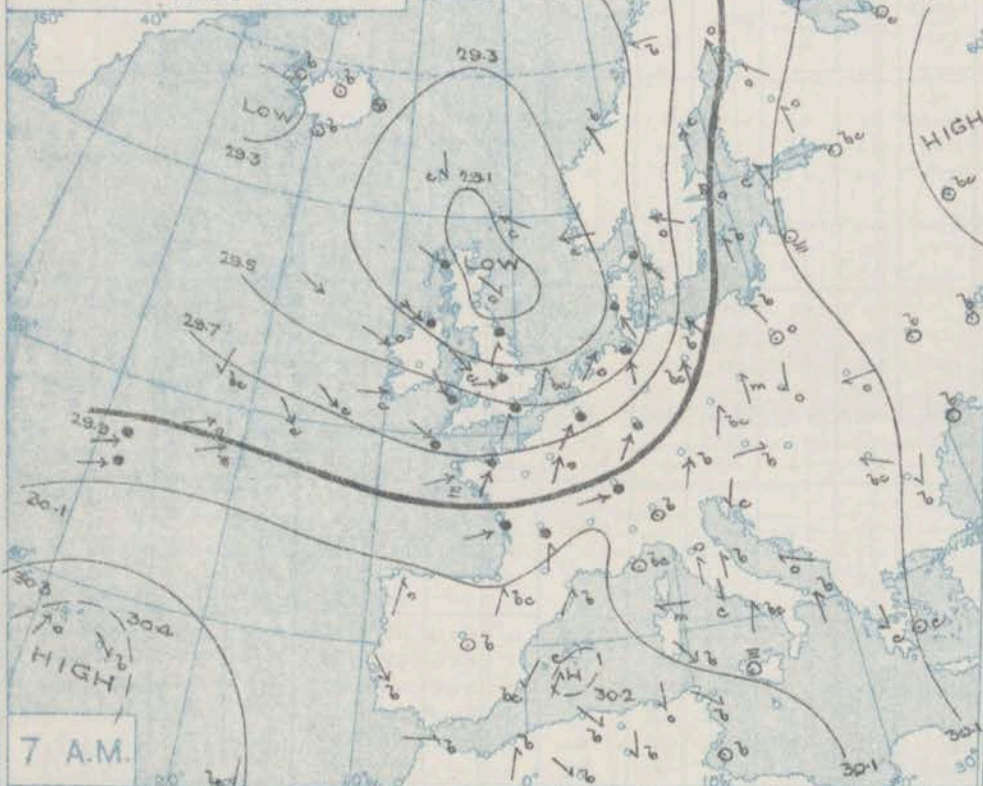
GALES.
Duration and Extreme Force
on British Coasts.

Malin Head Jan. 15-16.
Squalls NW 8.
Spurn Head 8 a.m.-5 p.m.
Extreme W 8.
Obadiah 4 p.m.
Squalls 48 mph (9).
Southport 8 a.m.-1 p.m.
Extreme W 8.
Squalls 59 mph (10).

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



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



GENERAL INFERENCE

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY

0 {
a
b

1

2 {
a
b

3

4 {
a
b

5

None Issued.

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday.

South Cone.

North Cone.

Signals hoisted this morning.

South Cone.

North Cone.

NO WARNINGS

ISSUED.

6 {
a
b

7 {
a
b

8 {
a
b

9 {
a
b

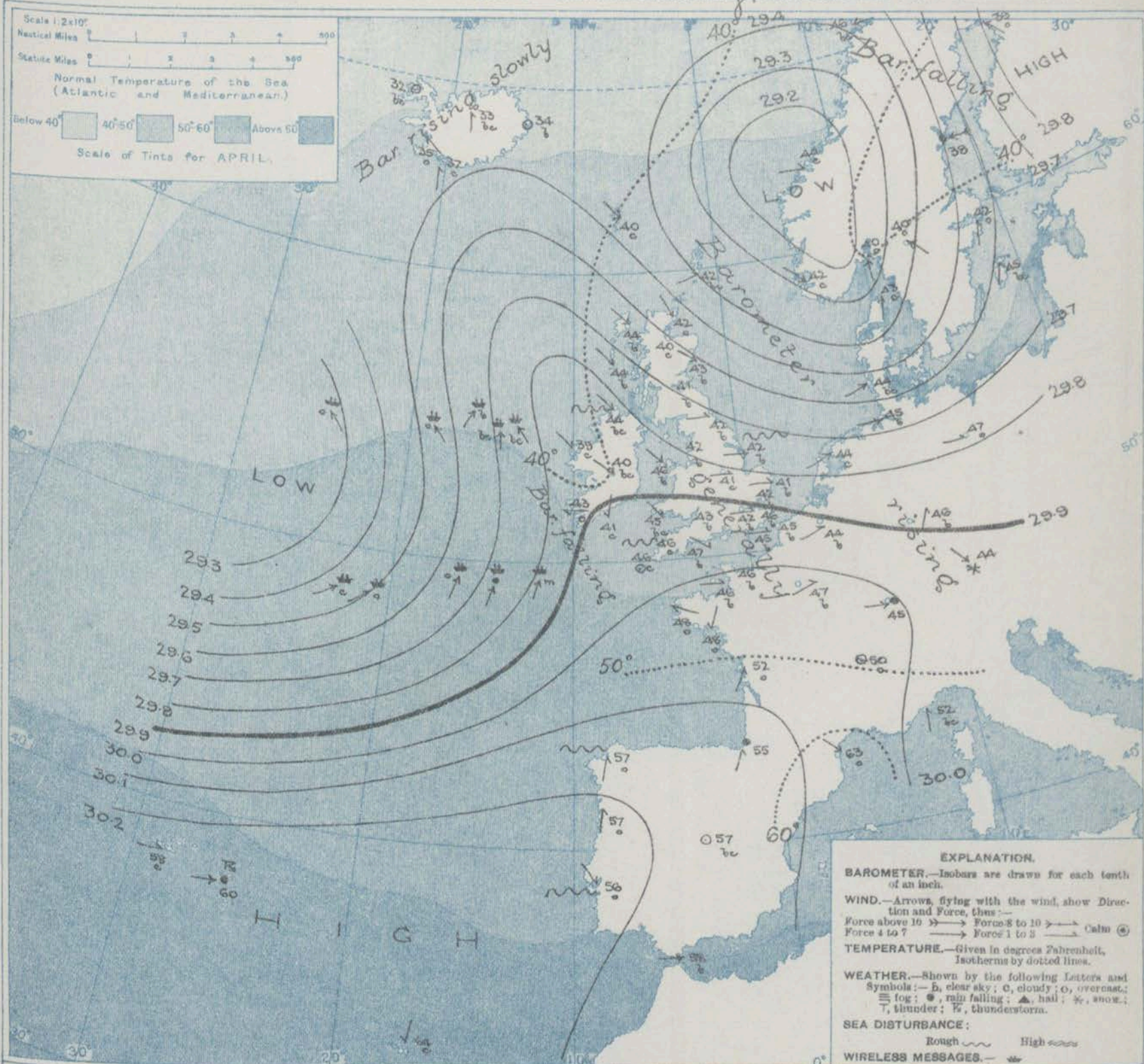
10 {
a
b

None Issued.

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Sunday, 20th APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.2 in. from Portugal westward to and beyond the Azores. In a depression over southern Norway it is below 29.2 in., and in another out on the Atlantic, at a considerable distance beyond Ireland, it is below 29.3 in. The gradient is moderately steep beyond the North Sea.

Light to moderate S.W. to N.W. breezes prevail over the British Isles, but light E. to S.E. airs are setting in on the south-western coasts and in Brittany. At the Rome stations temperature

ranges from 39° at Blackhead Point to 47° at Portland Bill; on the Continent from 44° at the Helder, Brussels, and Munich to 63° at Perpignan; in Scandinavia from 38° at Hovsund to 46° at Bodø; and in Iceland from 32° to 40°. At Spitzbergen the reading is 34°. Fair to very bright weather is reported over an extensive region, but rain is falling at a few foreign stations, snow at Munich, and a thunderstorm is in progress at Ponta Delgada (Azores). A rough sea is running off the north-west of Spain, but generally it is moderate to very smooth.

DAILY WEATHER REPORT.

Sunday, 20th April 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 Jan	49	11	Minnehaha	H	29.80	-.00	SW	4-5	m	19th Gpm	51	11	Francia	H	29.81	+0.02	NW	4-5	bc
19th Gpm	49	26	Manitou	H	29.86	-.06	SW	6-7	?	"	49	11	Menominee	O	29.93	+0.03	NW	4-5	bc
"	47	25	Kronland	H	29.79	-.01	SW	6-7	or	"	55	10	Tunisian	O	?	+0.04	NW	6-7	bc
"	50	20	Celie	H	29.80	-.12	SSW	1-3	m	"	47	29	Kronland	H	29.89	-.03	WSW	6-7	bc
"	54	19	Lake Manitoba	O	29.74	+0.04	NW	1-3	bc	"	46	29	Manitou	H	29.84	-.04	WSW	4-5	bc
"	53	19	California	H	29.79	-.01	SE	1-3	b	"	52	23	California	H	29.74	+0.01	NE	1-3	bc
"	48	19	Monkezuma	H	29.80	-.02	SSW	4-5	o	"	48	22	Monkezuma	H	29.85	+0.02	WSW	4-5	bc
"	48	17	Minnehaha	H	29.87	-.02	SW	4-5	?	"	48	21	Minnehaha	H	29.87	-.01	WSW	4-5	bc
"	55	12	Empress of Ireland	O	29.75	+0.21	WNW	6-7	b	"	55	17	Lake Manitoba	O	29.37	+0.09	WNW	8-9	bc

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.					Hr.	Margate		In.					Hr.
Stonehaven								Ramsgate							
St. Andrews								Deal							
Carnoustie								Folkestone							
England, N.E.								Littlestone							
Harrogate		0.43	47	38	epg. bc	fg. bc. b	7.4	Hastings		0.13	55	47	o. bc	b	6.4
Scarborough		"						Bexhill-on-Sea		0.10	56	47	e. o. c. bc	e. bc. b	6.8
England, N.W.								Eastbourne		0.18	54	46	o. bc	b	6.4
Blackpool		0.13	50	42	eph	c	5.8	Seaford		0.11	53	46	r. o. b	b	7.4
Southport		0.10	48	42	r. bc	bcph	10.0	Brighton		0.13	56	46	a. c. b	bc. b	7.4
Buxton		0.38	46	38	bc. r	bc	7.2	Worthing		0.11	57	47	b	b	7.8
Matlock								Littlehampton		0.05	"	"	"	"	7.8
Douglas								Bognor							
Wales.								Southsea							
Rhyl		0.10	52	42	bc. r	r. bc	10.5	Bournemouth			56	48	bc	b. bc	9.4
Colwyn Bay		"	53	44	bc	bc	11.0	Weymouth			54	48	bc	b	7.4
Llandudno								Teignmouth			54	44	pg. b	b	7.4
Bettws-y-Coed								Torquay		0.01	54	49	b	b	8.4
Aberystwyth		0.12	49	44	r. o. c	c. b.	8.5	Paignton			50	45	bc. b	b. bc	8.4
England, E.								Ilfracombe		0.12					
Lowestoft								Weston-super-Mare							
Felixstowe		0.02	55	44	m. op. bc	bc	6.9								
Walton-on-Naze		0.05	55	44	n. o. bc. b	b	7.7								
Southend-on-Sea		0.04	55	45	bc	b	8.0								

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 Obs.) ...	53	66	57	38	30	0.01	bcp	bcp	bc. b	hr. 5.3	Dublin to 4 p.m.	0.07	50	40	37	c. b	h. p. g	c	
City (Runhill Row) ...	"	"	"	"	"	"	"	"	"	4.9	Plymouth to 9 p.m.	0.01	54	46	41	o. bc	bc	bc	
Westminster (St. James's Pl.)	56	74	56	39	32	-	ord. bc	bc	bc	5.8	Darwen "	0.33	46	36	37	on	o. b. m	h. p. p	
Camden Sq. (Brit. Rainfall)	45	70	58	37	34	0.01	bc	bc. ep	bc. b	6.4	Manchester "	0.13	49	41	"	os. c	bcp	bc. b	
Hampstead (Reservoir) ...	"	71	54	36	29	0.03	bcp	bcp	b. bc	6.2	Birmingham "	0.04	49	38	37	c	c	b	
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.								Oxford to 8 p.m.	-	53	44	39	od. og	ogp. c	a. bc	
			Total.		Average Rate.		Max. Rate.												
S. Kensington (Roof of M.O.)	68	80	1219 Joules.		24.1 Milliwatts.		76 Milliwatts.		6.4		S. Kensington (Museum Grounds to 6 p.m.)	0.06	57	47	45	bc	bc	bc. od	

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

20th-21st April 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.47 4.45	G.M.T. 11.52 11.52	G.M.T. 6.58 6.58
Greenwich	4.57 4.55	11.59 11.59	7.1 7.3
Wick	4.50 4.47	12.11 12.11	7.32 7.34
Valencia	5.27 5.35	12.40 12.40	7.42 7.44

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 55° and upwards in some parts of the British Isles, to 53° at Deal. Small amounts of rain fell at most places, hail showers locally in the north and west. The bright sunshine records were good in all districts, ranging up to 11 hours at Colwyn Bay. A 50% gale was felt locally on our coasts. As far west as the 30th meridian ships experienced S.W. to S.W. winds, varying greatly in force, light breeze to gale, and equally variable weather, fine to rain and fog.

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

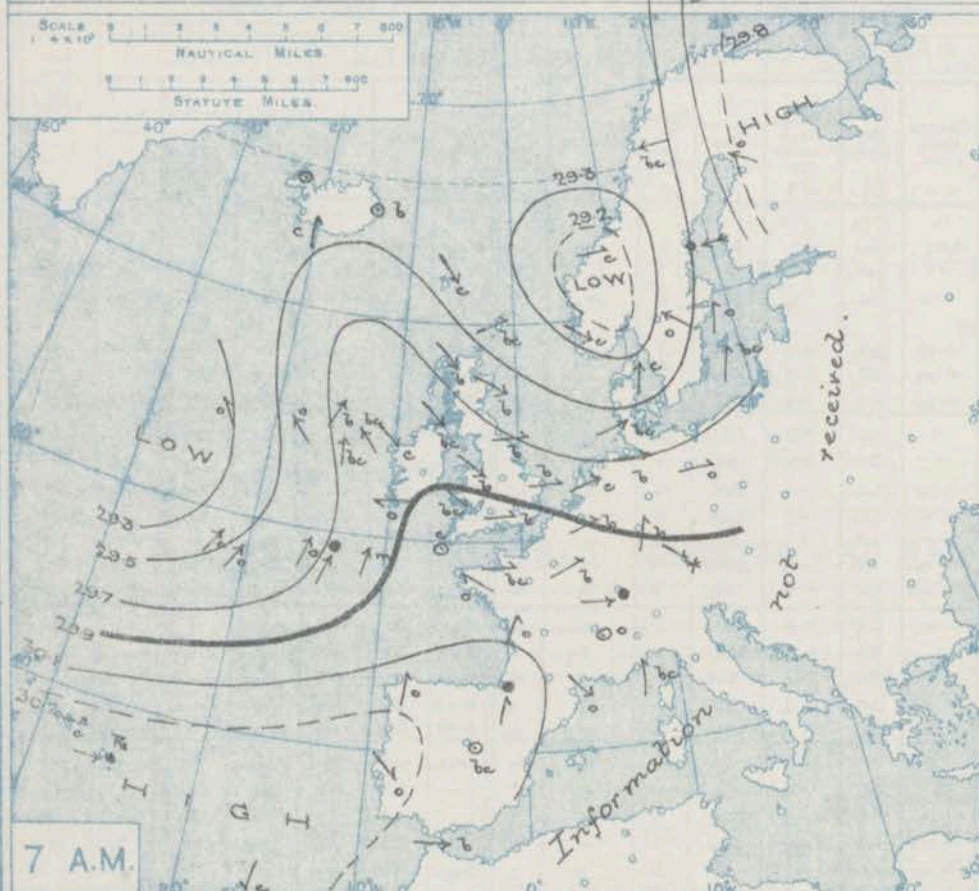
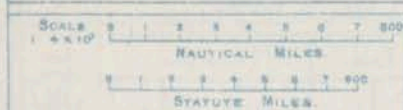
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

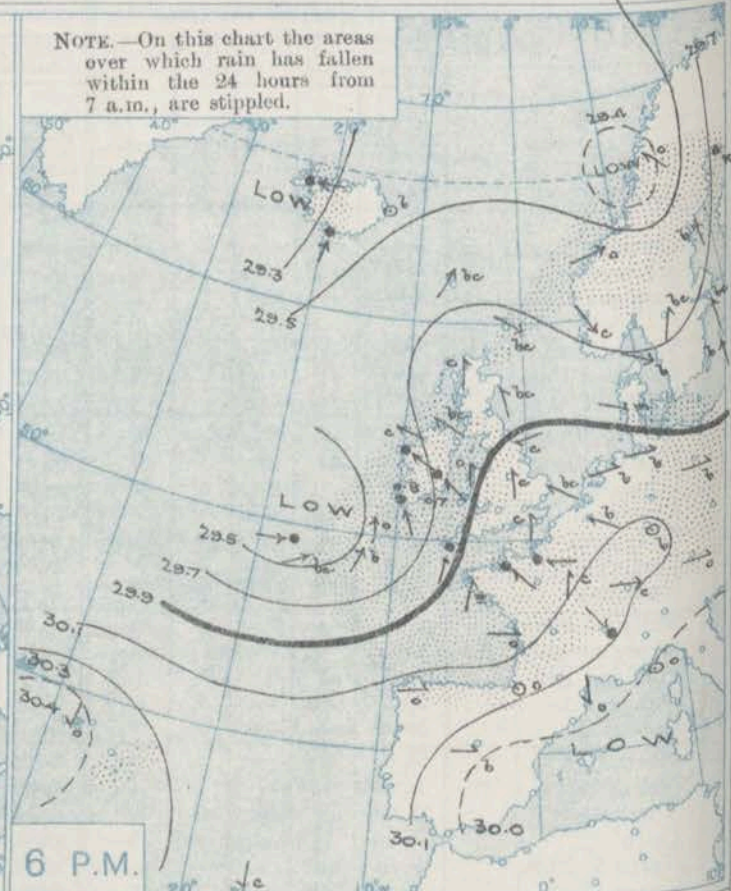
Monday, 21st April, 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.							
	At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).	Weather.			Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night, 6 p.m. to 7 a.m.					
Spitzbergen...	29.52	32	S	3	o	29.43	-0.07	31	-3	S	2	o	4	?	34	25							Hours	
Lerwick ...	29.74	46	WNW	4	bc	29.89	+0.15	46	+2	SE	2	bc	3	0.02	48	39	bc	bc	bc	bc	bc	bc	*	
Stornoway ...	29.83	47	S	3	c	29.77	-0.06	45	+1	S	2	c	2	-	53	39	b. bc	bc	bc	bc	bc	bc	10.8	
Castlebay (Barra Isd.) ...	29.81	46	ESE	2	b	29.69	-0.12	44	0	SE	5	opm	5	0.01	49	42	b	b	b	b	b	b	11.5	
Malin Head...	29.77	46	ESE	3	bcg	29.62	+0.15	45	+1	SSE	3	rg	2	0.03	51	40	bc	cg	cm	cm	cm	cm	*	
Blacksod Point ...	29.64	47	SE	6	r	29.56	+0.08	48	+9	SSE	2	o	3	0.07	50	37	cm	or	or	or	or	or	*	
Valencia ...	29.57	51	SSE	3	rm	29.58	+0.01	49	+6	ESE	1	o	4	0.82	52	43	cm	rm	rm	rm	rm	rm	0.0	
Roche's Point ...	29.67	48	SSE	4	r	29.60	-0.07	49	+8	S	2	r	3	0.70	49	41	or	r	r	r	r	r	*	
Birr Castle ...	29.76	45	SE	3	r	29.57	-0.19	50	+10	SE	1	c	*	0.20	54	37	c	c	c	c	c	c	5.3	
Donaghadee ...	29.87	47	SSE	3	bc	29.69	-0.18	44	-1	SSE	4	o	4	0.26	52	40	bc	bc	bc	bc	bc	bc	*	
Liverpool Obsy. ...	29.91	43	WNW	1	o	29.77	-0.14	44	+2	ESE	3	o	3	0.07	52	41	b	bc	bc	bc	bc	bc	10.3	
Holyhead ...	29.86	49	S	2	c	29.68	-0.18	48	+2	SE	3	o	2	0.13	52	40	bc	c	c	c	c	c	10.3	
Pembroke (St. Ann's Hd.) ...	29.81	45	SSE	5	r	29.62	-0.19	48	+3	SSE	4	rm	4	0.21	50	44	bc	bc	bc	bc	bc	bc	5.7	
Newquay ...	29.83	46	SE	4	r	29.66	-0.17	49	+3	SE	2	c	3	0.22	52	45	bc	cm	cm	cm	cm	cm	3.4	
Scilly (St. Mary's) ...	29.80	50	SSW	3	rm	29.63	-0.17	49	+3	S	2	cm	4	0.21	51	44	cm	rf	rf	rf	rf	rf	0.0	
Jersey (St. Aubin) ...	30.00	48	SE	3	cm	29.83	-0.17	51	+5	SSE	4	og	4	0.09	55	46	c	cm	cm	cm	cm	cm	5.9	
Portland Bill ...	29.96	48	S	3	r	29.79	-0.17	50	+3	SW	3	c	3	0.10	52	46	bc	c	c	c	c	c	*	
Dungeness ...	29.99	48	SW	3	c	29.87	-0.12	47	+2	SE	4	r	4	0.03	53	44	bc	bc	bc	bc	bc	bc	*	
Dover ...	30.02	46	SW	4	b	29.93	-0.09	46	0	SE	3	r	4	0.02	56	43	b	b	b	b	b	b	11.6	
Wick ...	29.83	47	NW	2	b	29.82	-0.01	44	+2	S	3	bc	4	Trace	49	37	b	bc	bc	bc	bc	bc	*	
Nairn ...	29.83	50	-	0	c	29.80	-0.03	36	-4	-	0	o	0	-	54	30	b	bc	bc	bc	bc	bc	10.0	
Aberdeen ...	29.86	49	SSE	2	bc	29.86	-0.00	46	+3	SSE	3	c	2	-	55	41	b	bc	bc	bc	bc	bc	11.2	
Leith ...	29.84	53	WNW	2	b	29.79	-0.05	43	+2	SW	2	r	*	0.01	50	38	b	b	b	b	b	b	*	
North Shields ...	29.90	52	ESE	1	c	29.88	+0.02	44	+2	S	3	p	2	Trace	56	40	c	c	c	c	c	c	11.2	
Spurn Head ...	29.93	45	ESE	3	b	29.89	-0.04	45	+3	SSE	4	op	4	-	53	41	bc	bc	bc	bc	bc	bc	9.6	
Yarmouth ...	30.00	46	ESE	2	bc	29.96	-0.04	46	+5	SE	3	o	3	-	55	40	bc	bc	bc	bc	bc	bc	9.2	
Clacton-on-Sea ...	29.98	51	S	2	bc	29.92	-0.06	47	+5	SE	4	o	3	-	56	42	b	bc	bc	bc	bc	bc	12.3	
Nottingham ...	29.94	52	S	1	c	29.88	-0.06	44	+3	SE	3	d	*	0.00	56	40	c	bc	bc	bc	bc	bc	8.9	
Bath ...	29.95	51	W	2	o	29.80	-0.15	52	+9	SE	2	b	*	0.05	58	43	-	-	-	-	-	-	7.1	
London (Kew Obsy.) ...	29.99	52	S	2	c	29.87	-0.12	48	+6	SE	2	om	*	0.03	58	42	b	bc	bc	bc	bc	bc	10.9	
Isafjord ...	29.25	37	E	4	r	29.13	-0.12	32	0	-	0	bc	*	*	*	*	*	*	*	*	*	*		
Reykjavik ...	29.24	39	SE	3	r	29.20	-0.04	33	-2	SW	4	o	*	*	*	*	*	*	*	*	*	*		
Vestmanna ...	29.35	40	SSW	7	r	29.30	-0.05	35	-2	SW	6	S	2	*	*	*	*	*	*	*	*	*		
Seydisfjord ...	29.46	56	-	0	b	29.30	+0.16	37	+3	W	3	b	*	*	*	*	*	*	*	*	*	*		
Thorshavn ...	29.67	48	WSW	4	bc	29.71	-0.04	44	+4	SSW	2	o	*	*	*	*	*	*	*	*	*	*		
Haparanda ...	29.73	41	SE	4	r	29.84	+0.11	37	-2	S	2	b	*	0.08	41	34								
Hernösand ...	29.63	37	S	4	b	29.86	+0.10	44	+6	WNW	2	b	*	0.24	43	34								
Stockholm ...	29.72	39	S	2	bc	29.88	+0.16	41	-1	WNW	2	o	*	-	50	26								
Wisby ...	29.78	41	S	4	b	29.91	+0.13	43	-2	WSW	2	b	*	-	50	37								
Karlstad ...	29.65	41	SW	2	bc	29.94	+0.29	37	-3	NNE	2	o	*	-	46	34								
Færder (X'ania Fjord) ...	29.59	43	WSW	2	b	29.92	+0.33	41	+1	N	2	b	3	0.04	45	37								
Bodö ...	29.31	44	SE	1	o	29.58	+0.27	41	-5	SW	5	o	3	0.04	46	37								
Christiansund ...	29.54	42	WSW	5	o	29.93	+0.39	39	-5	WSW	3	o	4	0.16	45	37								
Skudesnaes ...	29.69	43	WNW	4	c	30.00	-0.00	42	0	E	2	b	2	-	45	30								
The Scaw (Skagen) ...	29.71	42	WNW	5	b	29.94	+0.23	43	0	WNW	2	b	0	-	48	37								
Blaavands Huk ...	29.85	42	WNW	3	m	30.05	+0.20	43	-1	W	2	o	2	0.04	45	41								
Cuxhaven ...	29.97	44	W	3	b	30.08	+0.11	44	-1	W	2	b	*	-	48	41								
The Helder ...	30.02	45	WSW	2	b	30.07	+0.05	42	-2	SE	2	b	1	-	46	30								
Brussels ...	30.08	42	ESE	1	b	30.03	+0.05	44	0	SSE	1	r	*	Trace	55	29								
Berlin ...	29.95	44	W	2	b	30.12	+0.17	42	-7	W	2	c	*	Trace	55	37								
Frankfurt ...	30.12	41	-	0	b	30.16	+0.04	35	-11	NE	1	m	*	0.04	54	30								
Munich ...	30.09	45	W	3	o	30.16	-0.07	43	-1	SE	2	b	*	0.12	48	37								
C. Gris Nez ...	30.04	47	SW	4	bc	29.93	-0.11	47	+2	SE	5	r	2	Trace	52	41								
La Hève ...	29.97	51	E	2	r	29.90	-0.07	50	+4	-	3	o	3	0.08	57	44								
Brest (St. Mathieu) ...	29.97	50	SW	3	f	29.78	-0.19	49	+1	SSW	4	c	3	0.28	52	46								
Lorient (Bec Melin) ...	29.95	52	SW	3	f	29.81	-0.14	52	+4	SW	4	r												

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



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 was advancing towards our western coasts yesterday evening is filling up as it moves eastward. It will

cause a good deal of cloud and some rain at first, but some improvement is probable by to-morrow.

FORECASTS FOR THE 24 HOURS NOON

Monday

TO NOON Tuesday.

0 {
a Moderate or light Southerly
b winds, mostly fair, occasional
light rain, moderate temperature.

1

2 {
a Moderate to light
b Southerly winds; cloudy, some
light rain, improving to-morrow;
3 moderate 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 Coast. ✓	South Coast. ✓
North Coast. ✓	North Coast. ✓

No Warnings Issued.

6 {
a
b

Same as Nos. 0 and 1.

7 {
a
b

Moderate or light Southerly to Westerly winds; cloudy some rain, fair later, moderate temperature.

8 {
a
b

9 {
a
b

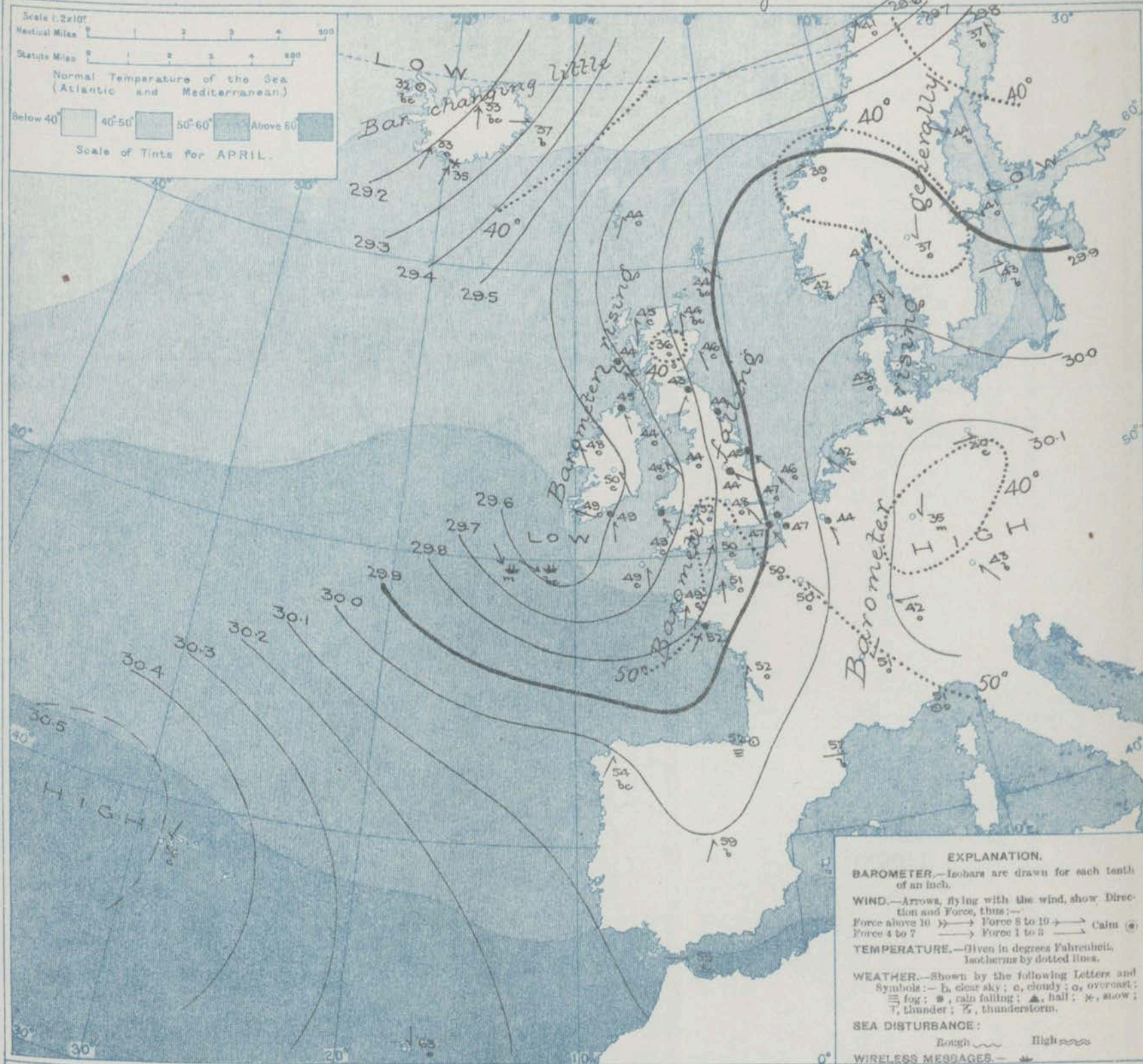
10 {
a
b

11 WESTERN CHANNEL AND BAY.

Moderate or light Southerly to South-Westerly winds; sea moderate; unsettled; moderate temperature.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Monday 21st APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

This morning's map shows an anticyclone, with readings above 30.1 in. over Germany, whence a ridge of high pressure extends northward over Scandinavia. A cyclonic depression is shown off the west of Ireland, the lowest reading in it is slightly below 29.6 in.

Over the greater part of our area the wind is southerly in direction, and moderate or light in force. The weather is mostly cloudy, and light rain is reported from many of the British stations. Temperature is generally between 44° and 50°. The sea is moderate or slight on all our coasts.

DAILY WEATHER REPORT.

Monday, 21st April, 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.	
21st Jan	49	13	Minnewaska	H	29.65	+1.13	NW	6-7	m	20th Jan	48	22	Manitou	H	29.40	-0.06	SW	6-7	c
"	49	11	Kroonland	H	29.58	+0.07	WNW	4-5	bc	"	48	20	Kroonland	H	29.53	-0.05	SW	6-7	o
20th Gpm	49	17	Menominee	O	29.43	-0.04	W	6-7	r	"	48	18	Empress of Ireland	O	29.58	-0.19	SE	6-7	o
"	48	16	Kroonland	H	29.46	+0.01	WSW	6-7	bc	"	48	15	Tunisian	O	?	+0.01	SW	4-5	o
"	49	12	Montezuma	H	29.54	-0.03	SW	6-7	b	"	49	15	Montezuma	H	29.67	-0.03	SW	6-7	o
"	51	12	Ten-tonic	O	29.59	+0.09	S	6-7	o	"	54	14	Arabic	H	29.71	-0.01	S	4-5	bc
"	55	10	Pretorian	O	29.63	+0.03	SE	4-5	c	"	49	14	Menominee	O	29.70	-0.10	SW	4-5	r
1pm	54	11	California	H	29.72	+0.01	SE	4-5	b	"	54	13	California	H	29.71	-0.02	SE	4-5	bc
7am	54	24	Lake Manitoba	O	29.28	-0.14	SE	4-5	o										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sun- shine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.					Hr.	Margate ...	In.	55	38	b	b	10.2
Oban ...							Ramsgate ...		57	34	"	"	10.5
Stonehaven ...							Deal ...		54	39	b. bc	c. b	10.0
St. Andrews ...							Folkestone ...		55	38	b	b	10.9
Carnoustie ...							Littlestone ...		53	38	"	"	11.0
England, N.E.							Hastings ...		53	38	b. b	b. bc	11.3
Harrogate ...		53	36	c. bc	b	11.5	Bexhill-on-Sea ...		53	38	b. b	b. bc	10.0
Scarborough ...		52	36	bc	bc	9.0	Eastbourne ...		53	40	b	b. bc	12.1
England, N.W.							Seaford ...		52	40	b	b. bc	11.0
Blackpool ...	0.01	50	40	bc	c	10.8	Brighton ...		54	38	b.	bc. c	11.5
Southport ...		50	41	bc	b	11.3	Worthing ...						9.6
Buxton ...							Littlehampton ...						
Matlock ...							Bognor ...						
Douglas ...							Southsea ...		54	41	bc. b	b. bc	10.8
Wales.							Bournemouth ...		54	38	b.	b. bc	10.0
Rhyl ...		50	41	b	b	9.7	Weymouth ...		55	40	b	b. or	8.6
Colwyn Bay ...		53	41	bc. b	b	7.0	Teignmouth ...	0.01	53	39	b	or	6.2
Llandudno ...		54	40	bc	bc	9.5	Torquay ...	0.01	54	38	b	b. c. r	6.0
Bettws-y-Coed ...							Paignton ...	0.02	53	37	b. bc	bc. or	5.8
Aberystwyth ...		51	43	bc	v. bc. o	8.2	Ilfracombe ...		52	44	b	gr	6.5
England, E.							Weston-super-Mare ...		57	41	b	b. bc. o	9.0
Lowestoft ...		56	37	b. bc. c	c. bc. b	11.1							
Felixstowe ...		56	38	bc	bc	12.4							
Walton-on-Naze ...		55	37	b	b	11.7							
Southend-on-Sea ...		57	37	b	b	11.0							

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain- fall.	WEATHER.			Sun- shine for Yester- day.
	3 p.m. Yester- day.	9 a.m. To- day.	In Screen.	Min. on Grass.		Fore- noon.	After- noon.	Night.	
Greenwich (Royal Obs.) ...	45	92	58	43	33	0.02	b	b	0.09
City (Bunhill Row) ...	"	"	"	"	"	"	"	"	0.5
Westminster (St. James's Pk.)	53	94	58	45	38	0.02	bc	bc. bc	10.6
Camden Sq. (Brit. Rainfall)	"	93	59	44	41	0.04	b	b	bc. op
Hampstead (Reservoir) ...	"	93	56	43	36	0.05	bc	bc	bc. op
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.)			1770 Joules.		35.1 Milliwatts.		66 Milliwatts.		10.7

Additional Observations for Yesterday.

STATIONS.	Rain- fall.	TEMPERATURE.		WEATHER.			Sun- shine for Yester- day.
		In Screen.	Night Min. on Grass.	Night.	Fore- noon.	After- noon.	
Dublin to 4 p.m.	0.02	53	37	33	p. b	b.	bc. c
Plymouth to 9 p.m.							
Darwen "							
Manchester "							
Birmingham "		57	36	26	b.	bc	c. o
Oxford to 8 p.m.		58	27	31	cm. b	b	b
S. Kensington (Museum Grounds to 6 p.m.)		58	39	31	bc. b	b	b. bc. c

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

21st & 22nd April 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.45 4.43	G.M.T. 11.52 11.52	G.M.T. 6.58 7.0
Greenwich ...	4.55 4.53	11.59 11.59	7.3 7.5
Wick ...	4.47 4.45	12.11 12.11	7.34 7.36
Valencia ...	5.35 5.23	12.40 12.40	7.42 7.46

NOTES ON YESTERDAY'S WEATHER.

The weather was very fine over the eastern part of the country, but rain set in in the west before evening. The amounts of rainfall were generally moderate or slight, but over 1 inch fell in the south of Ireland. 10 to 11 hours of bright sunshine were experienced generally over the eastern and northern parts of the Kingdom, and in the west the amounts were for the most part above 5 hours. Temperature rose to 58° in London and at Bath.

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. 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.

Tuesday
22nd April 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		WIND.		Weather.	Force (0 to 12).	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.	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.					
Spitzbergen...	29.09	31	NW	2	o	29.19	+0.10	32	+1	S	2	o	+	-	32	27	-	-	-	Hours			
Lerwick ...	29.90	44	SSE	4	r	30.02	+0.12	45	+1	SSW	4	c	3	0.04	48	42	cm	or	om.c	0.3			
Stornoway ...	29.90	47	SW	3	adp	30.05	+0.15	46	+1	SW	4	bc	4	Trace	48	38	adp	adp	c.bc	0.6			
Castletay (Barra Isd.)	29.90	48	W	2	c	30.11	+0.16	46	+2	W	3	o	3	0.02	49	42	d	d.o.c	c.o.b				
Malin Head...	29.90	48	NE	1	om	30.13	+0.14	48	+3	WNW	2	c	1	-	54	41	cm	cm	cm				
Blacksod Point ...	29.92	51	N	4	o	30.16	+0.14	47	-1	MNW	3	o	3	0.02	54	45	cm	om	om				
Valencia ...	29.89	51	NW	3	o	30.16	+0.14	49	0	MNW	1	o	4	0.04	53	48	om	o	om	0.1			
Roche's Point ...	29.54	53	S	1	c	30.10	-	50	+1	N	2	b	2	0.12	57	47	om	cg	cg				
Birr Castle ...	29.82	56	MNW	1	c	30.13	-	46	-4	MNE	1	f	+	-	60	41	c	c	cf	1.3			
Donaghadee ...	29.59	50	NNE	1	omsl	30.13	+0.03	47	+3	MNW	2	cm	2	0.01	51	44	omd	om	cm				
Liverpool Obsy...	29.90	55	SE	2	bc	30.11	+0.14	47	+3	ESE	1	m	2	-	59	44	om	bc	bm	2.5			
Holyhead ...	29.83	52	NE	3	o	30.07	+0.03	50	+2	E	1	f	0	0.08	53	48	om	og	og	1.7			
Pembroke (St. Ann's Hd.)	29.79	51	-	0	c	30.04	+0.05	50	+2	N	3	cm	3	0.06	55	48	om	bc	c	2.7			
Newquay ...	29.75	49	E	1	of	30.00	+0.08	52	+3	E	2	c	3	0.25	56	45	cp	d.c.p	cp	2.2			
Silly (St. Mary's) ...	29.75	52	MNE	2	bc	30.00	+0.07	50	+1	NE	2	bc	4	0.09	55	46	bc	bc	cp	4.5			
Jersey (St. Aubin) ...	29.54	54	SW	3	dp	30.00	-	51	0	ESE	3	cp	3	0.04	57	49	op	bc	bc	3.5			
Portland Bill ...	29.81	50	SE	2	c	30.03	+0.07	50	0	NE	2	o	3	0.24	52	46	cr	bc	bc				
Dungeness ...	29.89	52	E	3	o	30.02	+0.14	51	+4	MNE	2	c	2	0.05	54	46	r.o.c	c.o	op				
Dover ...	29.93	53	ESE	1	o	30.07	-	54	+8	ENE	9	r	0	0.16	54	45	or	bc	op	1.6			
Wick ...	29.90	47	-	0	a	30.07	+0.03	46	+2	SW	1	b	2	Trace	47	42	bc	om	om				
Nairn ...	29.90	50	-	0	o	30.06	-	50	+16	W	1	bc	1	0.02	52	35	p. ad	cp	bc	0.0			
Aberdeen ...	29.95	46	SEW	2	c	30.12	+0.03	45	-1	SSW	1	b	2	-	47	38	c.o	c.o	c.o	0.3			
Leith ...	29.89	50	SE	2	o	30.11	+0.06	39	-4	-	0	f	+	0.03	54	36	or	c.o	c.o				
North Shields ...	29.96	46	SE	2	c	30.13	+0.05	43	-1	E	1	c	3	0.01	49	40	r	o	c	0.2			
Spurn Head ...	29.93	46	ESE	4	o	30.11	+0.06	46	+1	E	3	cm	4	?	48	43	c.o	c.o	c.o	0.0			
Yarmouth ...	29.98	46	E	3	o	30.09	+0.08	47	+1	E	1	b	1	0.02	48	44	om	omd	om	0.0			
Clacton-on-Sea ...	29.92	49	ESE	2	c	30.06	+0.07	48	+2	NE	2	o	1	0.04	50	46	og	og	c.o	0.9			
Nottingham ...	29.89	54	E	2	o	30.09	-	49	+5	MNE	2	om	+	0.01	57	43	d.o.c	c.o	c.o	0.5			
Bath ...	29.84	56	SE	2	c	30.07	-	53	+1	E	1	o	+	0.13	59	50	-	-	-	0.8			
London (Kew Obsy.)...	29.90	55	SSE	2	r	30.06	+0.05	51	+3	NE	1	om	+	0.06	61	48	om	o.c	or	0.6			
Isafjord ...	29.18	35	SW	1	bc	28.94	+0.03	32	0	ENE	5	s	+	-	-	-	-	-	-				
Reykjavik ...	29.28	41	SW	3	b	28.97	+0.04	38	+5	SW	8	b	+	-	-	-	-	-	-				
Vestmanna ...	29.39	37	SW	2	r	29.13	+0.05	40	+5	SW	8	b	3	-	-	-	-	-	-				
Seydisfjord ...	29.34	48	W	5	b	28.97	-0.01	46	+9	WSW	6	b	+	-	-	-	-	-	-				
Thorsbavn ...	29.73	44	W	6	o	29.69	-0.04	46	+2	WSW	10	r	+	-	-	-	-	-	-				
Haparanda ...	30.00	31	S	2	f	30.13	+0.05	29	-8	SW	2	c	+	-	37	27	-	-	-				
Hernösand ...	30.12	39	-	0	b	30.20	+0.02	38	-6	-	0	bc	+	-	52	28	-	-	-				
Stockholm ...	30.12	43	MNE	2	b	30.25	+0.04	42	+1	N	2	b	+	-	48	32	-	-	-				
Wisby ...	30.10	39	N	2	b	30.23	+0.06	39	-4	W	2	b	+	-	45	34	-	-	-				
Karlstad ...	30.13	41	-	0	b	30.25	+0.06	40	+3	NW	2	b	+	-	55	30	-	-	-				
Færder (Xania Fjord)	30.12	43	WSW	2	b	30.22	+0.02	43	+2	SSW	2	c	1	-	48	39	-	-	-				
Bodö ...	29.97	38	-	0	c	29.91	-0.01	42	+1	S	4	c	2	-	42	36	-	-	-				
Christiansund ...	30.04	44	WNW	1	c	30.02	+0.01	46	+7	-	0	o	3	-	46	39	-	-	-				
Skudesnaes ...	30.13	43	S	2	c	30.22	+0.03	43	+1	SSE	4	o	3	-	46	41	-	-	-				
The Scaw (Skagen)...	30.15	42	N	1	b	30.26	+0.04	43	0	W	1	b	0	-	48	37	-	-	-				
Blaavands Huk ...	30.19	44	-	0	m	30.25	+0.05	42	-1	ESE	1	b	1	-	46	27	-	-	-				
Cuxhaven ...	30.16	46	NE	2	b	30.22	+0.02	46	+2	E	2	b	+	-	48	41	-	-	-				
The Helder ...	30.06	51	E	2	c	30.16	+0.04	49	+7	ESE	2	bc	+	-	52	45	-	-	-				
Brussels ...	30.00	53	SE	2	o	30.08	+0.04	55	+11	WSW	1	b	+	Trace	57	44	-	-	-				
Berlin ...	30.17	49	N	1	b	30.23	+0.03	43	+3	NW	1	b	+	-	54	37	-	-	-				
Frankfurt ...	30.08	52	NE	1	b	30.14	+0.03	47	+12	NE	1	b	+	-	61	36	-	-	-				
Munich ...	30.12	47	E	3	c	30.16	+0.01	44	+1	E	4	b	+	-	54	34	-	-	-				
C. Gris Nez ...	29.94	55	ESE	2	c	30.05	+0.05	55	+8	ESE	1	bc	1	0.20	61	47	-	-	-				
La Hève ...	29.89	53	S	4	o	30.00	-	50	0	E	1	m	1	0.08	57	46	-	-	-				
Brest (St. Mathieu) ...	29.82	53	SW	4	c	29.96	+0.14	49	0	E	3	c	5	0.04	55	46	-	-	-				
Lorient (Bec Meien)...	29.84	51	SW	3	c	29.90	-	50	-2	SW	2	o	5	0.08	57	45	-	-	-				
Rochefort (Ile d' Aix)	29.98	54	SW	3	c	29.99	+0.02	53	+1	SSW	3	o	5	0.04	59	52	-	-	-				
Biarritz ...	29.99	58	NW	2	o	30.00	0.00	53	+1	SE	1	o	4	-	61	50	-	-	-				
Paris ...	29.93	59	S	2	o	30.06	+0.05	53	+3	SSE	1	o	+	0.08	64	50	-	-	-				
Belfort ...	30.00	57	ENE	4	o	30.08	-	52	+10	E	2	o	+	?	61	46	-	-	-				
Lyons ...	30.00	58	-	0	o	30.04	-	53	+2	-	0	r	+	0.59	68	51	-	-	-				
Nice ...	30.03	53	-	0	c	30.07	+0.02	54	+3	-	0	o	2	-	64	50	-	-	-				
Perpignan ...	29.95	56	NE	2	dr	30.00	+0.04	55	-2	NE	1	r	+	0.51	69	54	-	-	-				
Sanguinaire ...	30.07	56	W	2	f	30.09	-	57	-	SE	2	m	2	-	63	48	-	-	-				
Corunna (B.a.m.) ...	30.05	53	W	3	o	30.06	+0.04	50	-4	NW	6	r	6	0.08	59	48	-	-	-				
Lisbon (B.a.m.) ...	30.13	55	NW	3	bc	30.11	+0.02	55	-4	MNW	4	o	5	-	63	52	-	-	-				
Gibraltar ...	30.03	62	W	4	b	30.01	-	58	-1	W	3	c	1	-									

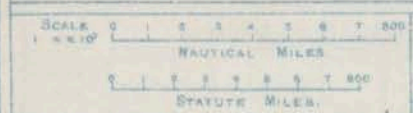
GALES.

Duration and Extreme Force
on British Coasts.

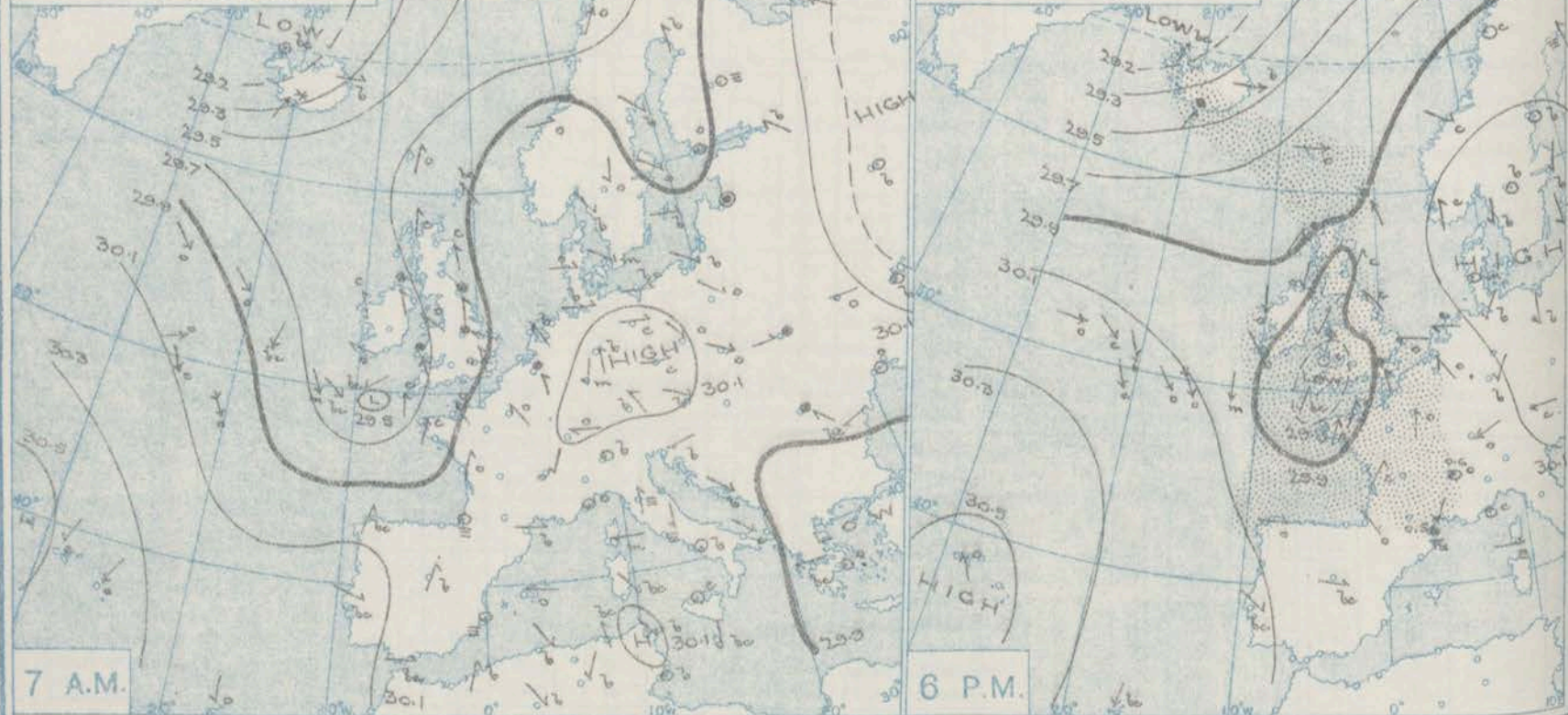
* Information for these columns not usually received.

† Received too late for insertion in Charts.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 21ST 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 depression over the Bay of Biscay will continue to fill up, and it is not likely that the deep depression near Iceland will seriously affect

WEATHER PROSPECTS.

the British Isles. Conditions will thus remain generally anticyclonic.

FORECASTS FOR THE 24 HOURS NOON TUESDAY

TO NOON WEDNESDAY.

- 0 { a } South Easterly breezes, freshening;
b } fair at first, some rain later;
moderate temperature.
- 1 { Variable breezes, finally South
b } Easterly; fair as a whole, occasional
local showers; moderate
temperature.
- 2 { a }
b } Light variable breezes;
- 3 { fair generally, misty at
times; moderate to mild
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 Coast.	South Coast.
North Coast.	North Coast.

NO WARNINGS
ISSUED.

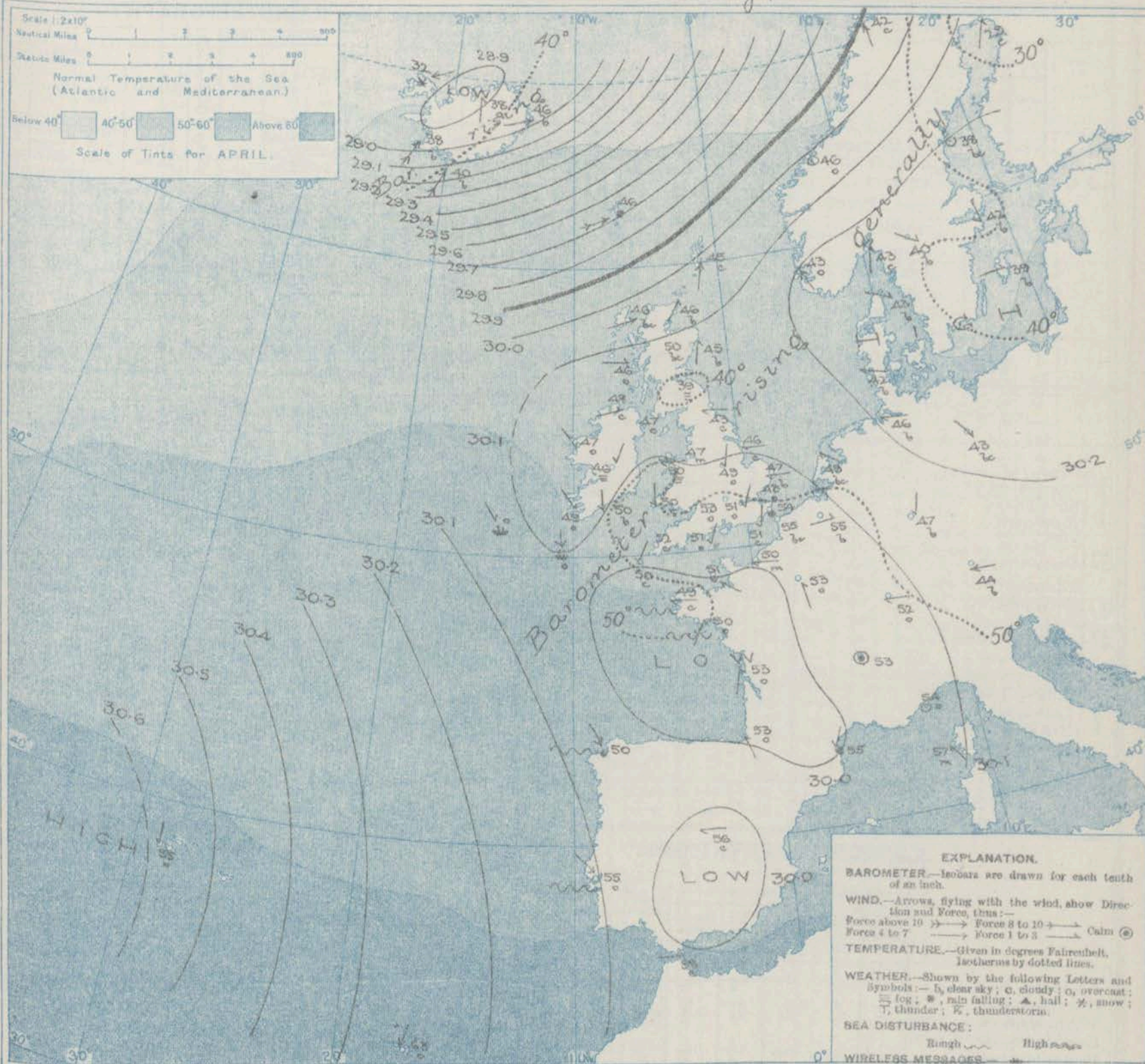
- 6 { a } Same as No. 1.
b }
- 7 { a }
b } Same as Nos. 2 to 5
- 8 { a }
b }
- 9 { a } Same as No. 1.
b }
- 10 { a } Same as Nos. 2 to 5.
b }

11 WESTERN CHANNEL AND BAY.

Variable breezes; sea slight in channel; moderate on Bay, becoming fair, misty at times; moderate temperature.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Tuesday, 22nd APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An anticyclone covers central Scandinavia, and from it a ridge of high pressure extends westward over these islands. This ridge separates a shallow and irregular depression centred over the Bay of Biscay from a deep depression which has appeared overnight in the Iceland region.

Light Northerly or Variable breezes prevail over the greater part of our area, but a strong South Westerly gale is reported from the Faeroe Islands which are under the influence of the Icelandic depression. The morning

temperatures stand at about 50° over the greater part of the country, but locally (at Leith 39°) they are considerably lower. The weather is now fair though cloudy over the greater part of the British Isles and there is also a good deal of mist, with fog at Leith and Holyhead. Rain is falling at some of the French stations; further east, in Germany and Scandinavia, the weather is fine.

DAILY WEATHER REPORT.

Tuesday, 22nd April 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
22nd Jan	50	10	Lake Michigan	O	30.10	+0.8	N	(0-12)	0	21st 6pm	48	22	Menominee	O	30.42	+0.1	NNW	(0-12)	0
22nd Jan	51	14	Royal Edward	H	30.06	-0.01	NW	1-3	0	21st 1pm	49	15	Lapland	H	29.93	+0.15	NNW	6-7	0
21st 6pm	51	25	Cameronia	O	30.20	-0.06	W	6-7	2	"	49	13	Manitou	O	29.84	+0.07	NNW	6-7	0
"	51	20	Royal Edward	H	30.23	+0.03	NNW	1-3	4	"	51	27	Tunisiani	H	?	+0.18	NW	6-7	0
"	51	22	Teutonic	O	30.24	+0.02	NW	6-7	C	"	50	25	Royal Edward	H	30.11	+0.04	WSW	4-5	0
"	49	20	Campania	H	30.26	-0.01	NNW	4-5	C	"	49	25	Campania	H	30.22	-0.00	NNW	4-5	0
"	49	17	Minnesaka	O	30.19	+0.12	NW	6-7	0	"	53	20	Cameronia	O	29.80	+0.18	NW	6-7	0
"	49	16	Lapland	O	30.20	+0.15	NNW	8-9	0	"	48	20	Menominee	O	30.03	+0.14	NW	8-9	0
"	49	11	Manitou	H	29.91	+0.03	N	6-7	M	"	51	17	Teutonic	O	29.98	?	NNE	8-9	0

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.					Hr.	(Margate ...)	In.					Hr.
Oban ...							Ramsgate ...	0.04	56	44	0	Y	1.5
Stonehaven ...							Deal ...	0.04	54	43	0	+	1.3
St. Andrews ...		54	37	0	o. bc	1.7	Folkestone ...	0.12	55	44	0. c	bc. c	2.1
Carnoustie ...							Littlestone ...	0.09	55	45	0. c	bc. bc	2.7
England, N.E.							Hastings ...	0.14	54	45	0. bc	bc. c	1.6
Harrogate ...	0.01	54	39	0. c	bc. c. c	0.5	Bexhill-on-Sea ...	0.08	53	46	0. c	o. bc. c	1.8
Scarborough ...	"	48	42	0	0	0.0	Eastbourne ...	0.12	56	45	bc. c	on. d. r	1.2
England, N.W.							Seaford ...	0.02	58	43	0. bc	Y	0.4
Blackpool ...	0.09	56	42	0	0	0.0	Brighton ...	0.28	54	46	0. c. bc	c. c	0.6
Southport ...	0.06	57	41	bc. c	0	0.0	Worthing ...	0.26	55	46	0. c	c. d. p	0.7
Buxton ...	0.11	55	39	c. bc	bc	1.0	Littlehampton ...	0.25	"	"	"	"	0.6
Leamington Spa ...	0.03	56	42	og	op	0.0	Bognor ...	0.26	55	46	0. c	0. c	0.6
Douglas ...							Southsea ...	0.25	53	45	0. c	c. c	1.3
Wales.							Bournemouth ...	0.30	57	46	0. c	bc. c	1.7
Rhyl ...	0.06	57	42	bc. c	c	1.8	Weymouth ...	0.31	56	45	c. bc	c	1.7
Colwyn Bay ...	0.05	58	43	bc. c	c. bc	0.3	Teignmouth ...	0.21	55	45	bc. c	c. bc	2.0
Llandudno ...	0.19	57	42	op. bc	c	1.4	Torquay ...	0.32	57	45	od	d	1.1
Bettws-y-Coed ...	"	57	41	c. bc	bc. c	0.7	Paignton ...	0.32	57	45	od	r. p. c	1.3
Aberystwyth ...	0.22	57	43	0. c	0. c	0.3	Ilfracombe ...	0.32	56	45	p	bc. c	1.3
England, S.							Weston-super-Mare ...	0.12	59	44	bc. r	bc. c	1.3
Lowestoft ...	0.03	49	37	od	od. c	0.0							
Felixstowe ...	0.08	50	45	m. c	om. bc	2.2							
Walton-on-Naze ...	0.09	55	44	0. bc	bc. bc	1.8							
Southend-on-Sea ...	0.02	56	44	p	bc	1.0							

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

LONDON OBSERVATIONS.											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.				Max.	Min.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.			
			Max.	Min.																	
			24 HOURS ENDED 9 A.M. TO-DAY.																		
Greenwich (Royal Obs.) ...	68	94	61	49	45	0.04	op	op	op	0.5	Dublin to 4 p.m.	0.22	56	43	43	or	c.b	b			
City (Banhill Row) ...	*	*	*	*	*	*	*	*	*	0.2	Plymouth to 9 p.m.	0.42	54	46	46	bc	bc	o			
Westminster (St. James's Pl.)	76	90	59	50	49	0.11	bc	bc. y	bc	0.3	Darwen "	0.08	53	38	38	c. or	u. c	u. b			
Camden Sq. (Brit. Rainfall)	*	*	*	*	*	*	*	*	*	0.4	Manchester "	0.08	54	41	37	p. o	o.	o. b			
Hampstead (Reservoir) ...	*	96	58	47	44	0.15	c. or	c. op	op	0.4	Birmingham "	0.08	54	41	37	p. o	o.	o. b			
Kew. (See front page.)	*	*	*	*	*	*	*	*	*	0.4	Oxford to 8 p.m.	0.08	54	41	37	p. o	o.	o. b			
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.																					
Total.											Average Rate.										
693 Joules.											13.6 M.H.Watts.										
S. Kensington (Roof of M.O.)											67 M.H.Watts.										
77											0.4										
94											0.03										
59											54										
45											41										
41											or. o										
or. o											o. c										
c. or											c. or										

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

22nd & 23rd Apr. 1913.	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.43 4.41	G.M.T. 11.52 11.51	G.M.T. 7.0 7.1
Greenwich ...	4.53 4.51	11.59 11.58	7.5 7.6
Wick ...	4.45 4.43	12.11 12.10	7.26 7.28
Valencia ...	5.23 5.21	12.40 12.39	7.46 7.48

Rain fell in most parts of the country, but as a rule the amounts were small. Newquay and Portland Bill report 4 inch. The duration of bright sunshine was generally small. Temperature rose nearly 60° in many places.

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

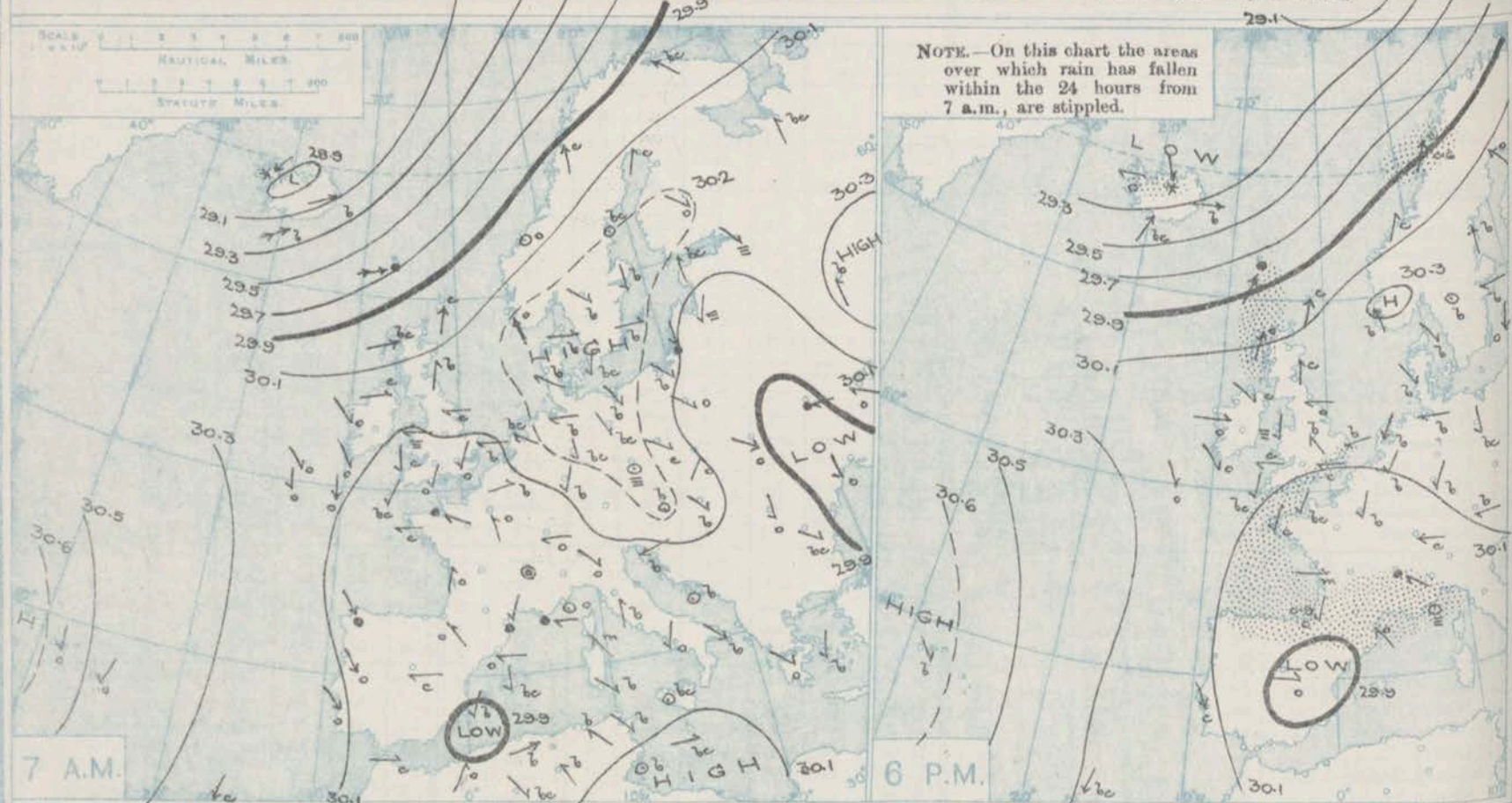
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday
22nd April 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.				
Spitzbergen	29.08	30	SE	2	o	29.01	-.00	28	-.14	E	7	o	2	-	32	21	-	-	-	-	-		
Lerwick	30.07	48	SSW	4	c	30.08	-.00	45	0	SSW	3	m	3	-	51	44	bc	c. bc	om	-	-		
Stornoway	30.08	49	SSW	5	o	30.07	-.01	46	0	SW	5	r	4	0.01	50	43	c. og	o	adp	3.1	-		
Castlebay (Barra Isd.)	30.15	47	SW	4	o	30.08	-.00	47	+1	SSW	2	d	3	0.01	48	45	o. co	o	od	0.9	-		
Malin Head	30.19	48	WNW	2	cy	30.13	-.02	45	-3	SSW	2	cy	1	-	51	44	cm	cm	cm	-	-		
Blacksod Point	30.19	49	W	3	o	30.11	-.05	43	+1	SSW	4	o	3	Trace	52	44	cm	om	om	-	-		
Valencia	30.22	50	NW	2	o	30.18	-.00	45	-4	-	0	c	3	-	52	41	o	o	o. c	0.0	-		
Roche's Point	30.16	57	N	3	c	30.16	-	47	-3	N	1	c	2	Trace	60	46	bc. cg	cg	o. c	-	-		
Birr Castle	30.16	56	NW	1	c	30.15	-	46	0	NW	1	c	-	-	59	43	c	c	c	2.3	-		
Donaghadee	30.18	49	NNE	2	bc	30.16	-.02	44	-3	NNE	1	c	1	-	52	41	bc	bc	cg. c	-	-		
Liverpool Obsy.	30.15	53	N	1	o	30.14	-.02	47	0	-	0	b	0	-	59	46	bm	cm	bc	5.0	-		
Holyhead	30.14	51	N	1	f	30.12	-.01	49	-1	N	1	f	0	-	57	45	cf	lf	bfw	9.3	-		
Pembroke (St. Ann's Hd.)	30.10	54	E	3	c	30.10	-.01	50	0	E	2	bcn	2	Trace	59	49	cm	cg	c	1.1	-		
Newquay	30.09	51	N	1	cm	30.08	-.01	47	-5	-	0	of	4	0.33	55	41	c. bc	cgpn	of	4.0	-		
Scilly (St. Mary's)	30.10	52	NNE	1	bcn	30.10	-.01	50	0	NNE	1	bm	2	Trace	57	46	bcn	bcn	bc	10.8	-		
Jersey (St. Aubin)	30.05	60	NE	3	bc	30.05	-	55	+4	N	2	bcn	2	Trace	63	51	bc	bc. c	bcn	7.4	-		
Portland Bill	30.07	52	NW	2	b	30.08	-.00	54	+4	NNE	1	bc	3	0.03	55	47	bc	bc	bc. bc	-	-		
Dungeness	30.06	52	NE	3	bc	30.04	-.00	49	-2	NNE	3	bc	3	-	57	42	c	bc	bc	-	-		
Dover	30.10	52	NNE	2	b	30.07	-	50	-4	N	2	b	2	0.02	62	44	bc. bc	bc. bc	bc. bc	7.6	-		
Wick	30.10	47	ENE	3	bc	30.10	-.00	44	-2	-	0	o	2	Trace	57	38	bm	b. bcn	bcn	-	-		
Nairn	30.10	55	W	3	bc	30.09	-	48	-2	SW	1	bc	1	-	59	39	bc	bc	bc	11.0	-		
Aberdeen	30.13	51	S	2	c	30.11	-.00	44	-4	WSW	1	b	2	-	58	37	b. bc	c. bc	c. bc	6.7	-		
Leith	30.12	57	-	0	c	30.13	-.01	45	+6	NW	2	bcy	2	-	57	39	bcy. og	og. c	c	-	-		
North Shields	30.17	48	E	2	o	30.15	-.00	47	+4	N	1	o	2	-	50	41	c	c	o	1.1	-		
Spurn Head	30.15	46	E	2	b	30.13	-.00	47	+1	E	2	bc	2	-	53	41	bc	bc	b. c	9.1	-		
Yarmouth	30.15	49	ENE	2	b	30.14	+0.01	48	+1	NE	1	b	1	-	53	44	b	b	b	11.8	-		
Clacton-on-Sea	30.10	56	NE	2	bc	30.09	-.00	48	0	NNE	2	bc	1	Trace	56	44	ogp. bc	bcy	bcy	8.1	-		
Nottingham	30.11	61	SE	2	b	30.14	-	41	-8	E	1	bm	-	-	64	37	o. c. bc	bc. b	bc	6.3	-		
Bath	30.10	60	E	1	o	30.11	-	51	-2	E	1	b	-	-	64	43	-	cln	-	3.4	-		
London (Kew Obsy.)	30.10	59	E	2	cm	30.10	-.00	48	-3	NNE	2	bm	-	0.04	64	44	om. cm	om. cm	om. cm	2.7	-		
Isafjord	29.28	24	E	2	o	29.52	+0.03	32	0	-	0	c	-	-	-	-	-	-	-	-	-		
Reykjavik	29.22	47	SW	9	b	29.63	+0.03	33	-5	E	1	b	-	-	-	-	-	-	-	-	-		
Vestmanna	29.44	37	SW	7	bc	29.73	+0.05	34	-6	-	0	c	2	-	-	-	-	-	-	-	-		
Seydisfjord	29.20	48	W	4	b	29.70	+0.05	35	-11	W	3	b	-	-	-	-	-	-	-	-	-		
Thorshavn	29.74	45	SW	6	r	29.96	+0.04	44	-2	WNW	2	o	-	-	-	-	-	-	-	-	-		
Haparanda	30.16	35	SE	4	o	30.15	-.00	36	+7	SW	4	b	-	-	44	28	-	-	-	-	-		
Hernösand	30.23	40	S	4	b	30.20	+0.01	41	+3	-	0	b	-	-	50	30	-	-	-	-	-		
Stockholm	30.27	43	E	2	b	30.19	-.02	47	+5	NNE	2	c	-	-	52	34	-	-	-	-	-		
Wisby	30.22	39	NNE	4	o	30.09	-.04	41	+2	NNE	4	bc	-	-	43	26	-	-	-	-	-		
Karlstad	30.26	42	-	0	b	30.21	-.02	39	-1	-	0	b	-	-	57	28	-	-	-	-	-		
Færder (X'ania Fjord)	30.24	42	SW	2	bc	30.20	-.01	42	-1	-	0	bc	-	-	46	39	-	-	-	-	-		
Bodö	29.88	45	SW	6	c	29.93	+0.04	44	+2	SW	6	r	4	0.63	45	41	-	-	-	-	-		
Christiansund	30.06	52	SW	2	c	30.08	-.00	52	+6	SW	1	c	4	-	55	46	-	-	-	-	-		
Skudesnaes	30.21	43	SE	4	b	30.21	-.01	45	+2	-	0	b	-	-	45	41	-	-	-	-	-		
The Scaw (Skagen)	30.23	40	NW	1	b	30.21	-.01	44	+1	WNW	1	b	0	-	48	36	-	-	-	-	-		
Blaavands Huk	30.28	44	NNW	1	b	30.22	-.02	49	+7	ESE	1	b	1	-	52	34	-	-	-	-	-		
Cuxhaven	30.23	49	E	2	b	30.17	-.01	47	+1	NE	2	b	-	-	54	45	-	-	-	-	-		
The Helder	30.17	51	NE	4	b	30.15	-.00	48	-1	ENE	2	bc	1	-	54	46	-	-	-	-	-		
Brussels	30.07	57	NE	1	b	30.03	-.00	47	-8	NW	1	b	-	-	69	44	-	-	-	-	-		
Berlin	30.18	51	N	2	bc	30.06	-.02	45	+2	NW	3	o	-	-	59	41	-	-	-	-	-		
Frankfurt	30.10	53	NE	1	b	30.07	+0.01	46	-1	NE	2	b	-	-	66	41	-	-	-	-	-		
Munich	30.12	46	E	2	b	30.08	-.01	41	-3	NE	3	b	-	-	58	32	-	-	-	-	-		
C. Gris Nez	30.08	51	NE	1	m	30.06	-.00	49	-6	NE	4	b	2	0.08	63	46	-	-	-	-	-		
La Hève	30.06	57	NE	2	o	30.02	-	52	+2	NE	3	m	2	-	63	48	-	-	-	-	-		
Brest (St. Mathieu)	30.05	54	NE	1	c	30.10	-.00	49	-4	NNE	3	m	3	0.08	55	45	-	-	-	-	-		
Lorient (Bec Melen)																							
Rochefort (Ile d' Aix)	29.98	53	W	3	m	29.91	-.01	52	-1	N	3	o	-	-	64	52	-	-	-	-	-		
Biarritz	29.97	55	NNE	3	o	29.92	-.01	52	-1	NNW	3	o	4	0.87	63	48	-	-	-	-	-		
Paris	30.01	63	NNE	3	b	29.98	+0.01	57	+4	NNE	2	bc	-	-	62	52	-	-	-	-	-		
Belfort	29.94	61	E	4	c	30.04	-	57	-5</														

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



GENERAL INFERENCE

There are no indications of the existence of important disturbances sufficiently near to affect the weather over our islands.

WEATHER PROSPECTS.

Anticyclonic conditions may, therefore, be expected to continue over the greater part of the country.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

0 {^a
b} Moderate or light South-Westerly winds; fair intervals, occasional rain; moderate temperature.

1 { Light variable breezes, mainly Westerly; fair generally; moderate temperature.

2 {^a
b} North-Easterly breezes; fair or fine generally; cool on coast; temperature above normal inland.

3 {
4 {^a
b} North-Easterly breezes; fair or fine generally; temperature above 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.

NO WARNINGS ISSUED.

6 {^a
b}

Same as No. 1.

7 {^a
b}

North-Easterly breezes; fair or fine generally, some mist or fog on coast.

8 {^a
b}

9 {^a
b}

Same as No. 0.

10 {^a
b}

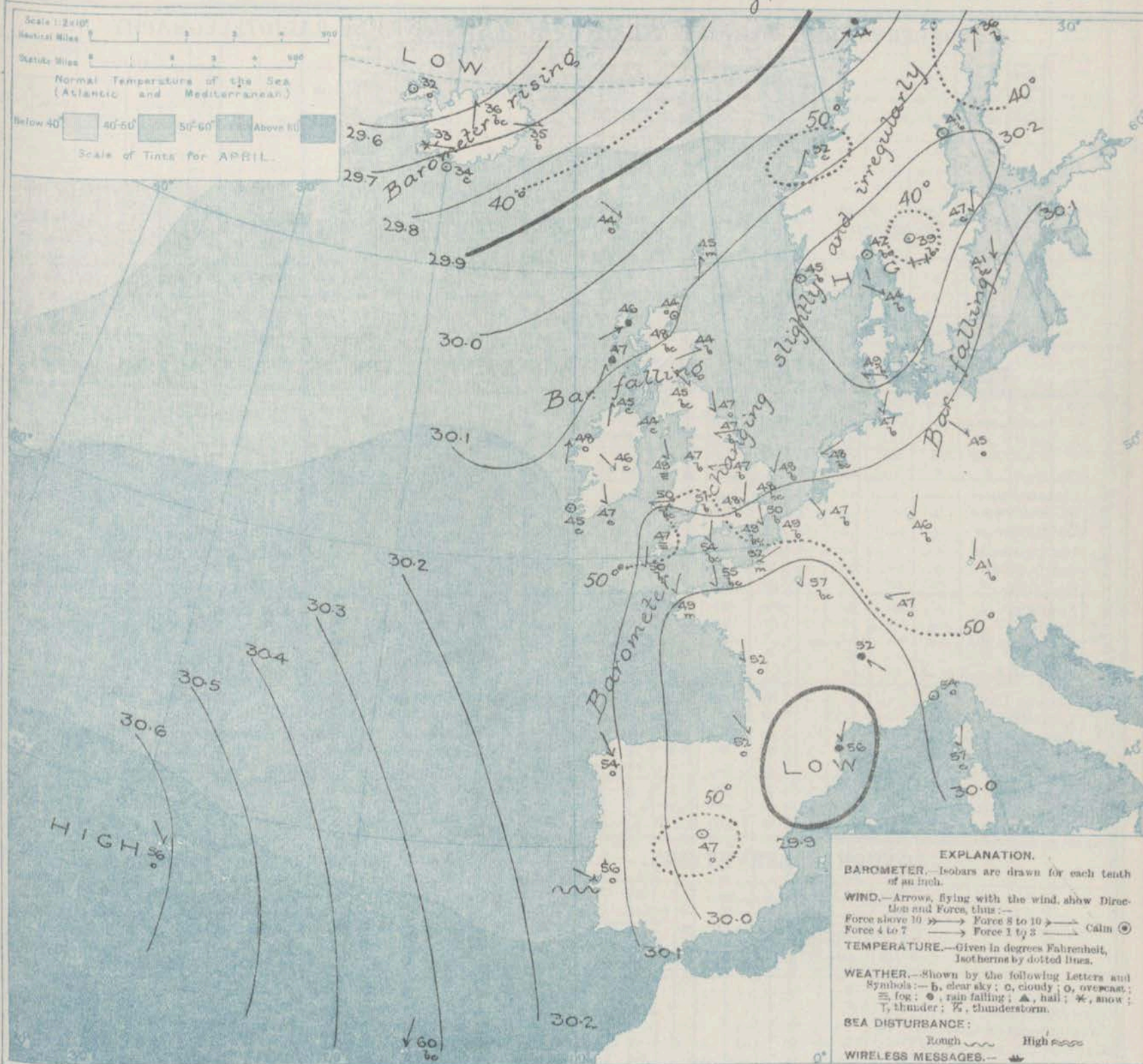
Same as No. 1.

11 WESTERN CHANNEL AND BAY.

Light Northerly breezes; sea slight; fair generally, occasional mist or fog.

THE FURTHER OUTLOOK.

APRIL 1913



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An anticyclone in which readings are above 30.2 in. lies over southern Scandinavia, whence a ridge of high pressure extends westward over our islands. The deep depression shown yesterday near Iceland has passed away to Spitzbergen where the barometer stands below 29 in.

The wind is light in force, the general direction being North Easterly over the Southern half of our area, South Westerly in the north. Gales or strong winds from South West

prevails in the region to the north of Norway. The weather is fine over the British Isles; some sea fog is reported in the Irish Sea and the mouth of the Channel. Rain is falling in the south of France. The morning temperature readings range from 41° at Nottingham and Bath to 50° at Pembroke and Scilly, 55° in the Channel Islands. The sea is slight or smooth on all our coasts.

DAILY WEATHER REPORT.

Wednesday, 23rd April, 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.	Dirco.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dirco.	Force.	
22nd Apr. 6pm	50	13	Lake Michigan	O	30.24	0	MMW	1-3	0						In.	In.		(0-12)	
7am	50	14	Campania	H	30.24	0	N	1-3	0						In.	In.		(0-12)	

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.					Hr.	Margate ...	In.					Hr.
(Oban ...)	0.02	52	44	d. bc	bc	1.2	Ramsgate ...	0.06	61	47	b	b	7.1
Stonehaven ...							Deal ...	0.06	59	48	*	*	6.3
St. Andrews ...		61	34	bc	bc	4.1	Folkestone ...	0.02	58	49	op. bc	c. bc	5.9
Carnoustie ...							Littlestone ...		61	54	b. bc	b. bc	8.2
England, N.E.							Hastings ...				*	*	5.6
(Harrogate ...)		62	41	c. bc. b	b	5.8	Bexhill-on-Sea ...	0.13	60	48	on. bc. b	b	4.3
Scarborough ...		53	44	bc	bc	7.5	Eastbourne ...	0.22	59	48	o. c	c. bc. b	6.5
Blackpool ...		57	48	cu		4.2	Seaford ...	0.41	58	46	o. c	bc. b	8.3
Southport ...		54	43	o. bc	o. bc	0.1	Brighton ...	0.02	64	48	r. c. b	b	8.6
Buxton ...		61	42	c	bc. c	4.2	Worthing ...	0.09	58	49	c. bc. b	b. bc	9.1
Leamington Spa ...	0.02	62	48	o	c	1.6	Littlehampton ...	0.10	60	47	c. bc. b	b	7.6
Douglas ...							Bognor ...				*	*	8.4
Wales.							Southsea ...		60	48	o. bc	bc. b	7.2
(Rhyl ...)		59	47	b	b. bc	8.7	Bournemouth ...	0.27	62	47	a. c. bc	b	6.6
Colwyn Bay ...		59	46	b	b	8.5	Weymouth ...	0.05	59	47	r. c	bc. b	4.4
Llandudno ...		59	47	b	bc	8.3	Teignmouth ...		57	48	c. bc	bc	5.8
Bettws-y-Coed ...		61	53	c. bc	c	1.6	Torquay ...		58	48			5.8
Aberystwyth ...		58	50	o. c. b	bc	1.3	Paignton ...		58	48	o. bc	b	6.4
England, S.W.							Ilfracombe ...	0.01	57	48	bc. b	bc. b	0.8
(Lowestoft ...)		58	44	b	b	11.6	Weston-super-Mare ...	0.26	59	49	b. bc	bc. b	
Felixstowe ...		53	45	c. bc	bc	7.7							
Walton-on-Naze ...		52	45	o. b	b	7.6							
Southend-on-Sea ...	0.14	63	47	b	b	8.5							

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			
	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.																
%	%				In.				Hr.		In.								
Greenwich (Royal Obs.) ...	66	67	64	41	30	-	bc	p. bc	bc. b	3.6	Dublin to 4 p.m.	-	58	45	41	bm. c	bm. c	cu	
City (Bomhill Row) ...	*	*	*	*	*	*	*	*	*	1.8	Plymouth to 9 p.m.	0.01	61	47	42	bc	bc	bcu	
Westminster (St. James's Pk.)	89	74	63	47	38	-	bc	bc	bc. b	2.0	Darwen "	0.01	59	40	36	o. cu	o. b	ogu	
Camden Sq. (Brit. Rainfall)	65	61	67	43	37	-	c. bc	bc	b	3.6	Manchester "								
Hampstead (Reservoir) ...	*	61	61	44	35	-	bc	cp	bc	3.4	Birmingham "		61	47	43	o	c	o	
Kew. (See front page.)											Oxford to 8 p.m.	*	63	50	47	0.03	ogu. c	Captan	
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETER DURING YESTERDAY.																			
Total.					Average Rate.		Max. Rate.												
692 Joules.					13.5 Milliunits.		51 Milliunits.			1.8	S. Kensington (Museum Grounds to 6 p.m.)								
77					66						0.20								
											63								
											50								
											48								
											o								
											ogu. c								
											c. bc								

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

2nd to 4th April 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.41	11.51	7.1
	4.39	11.51	7.2
Greenwich ...	4.51	11.53	7.6
	4.49	11.53	7.7
Wick ...	4.43	12.10	7.38
	4.41	12.10	7.40
Valencia ...	5.31	12.39	7.48
	5.29	12.39	7.50

showers were experienced over the southern part of England and locally they were rather heavy. In the Midlands and on the south coast rather high maximum temperatures were experienced. On the east coast the readings were but little above 50°. Bright sunshine exceeded 10 hours at some east coast stations; the amounts were rather variable, and at some western stations the sky remained overcast throughout.

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
2nd April 1913.

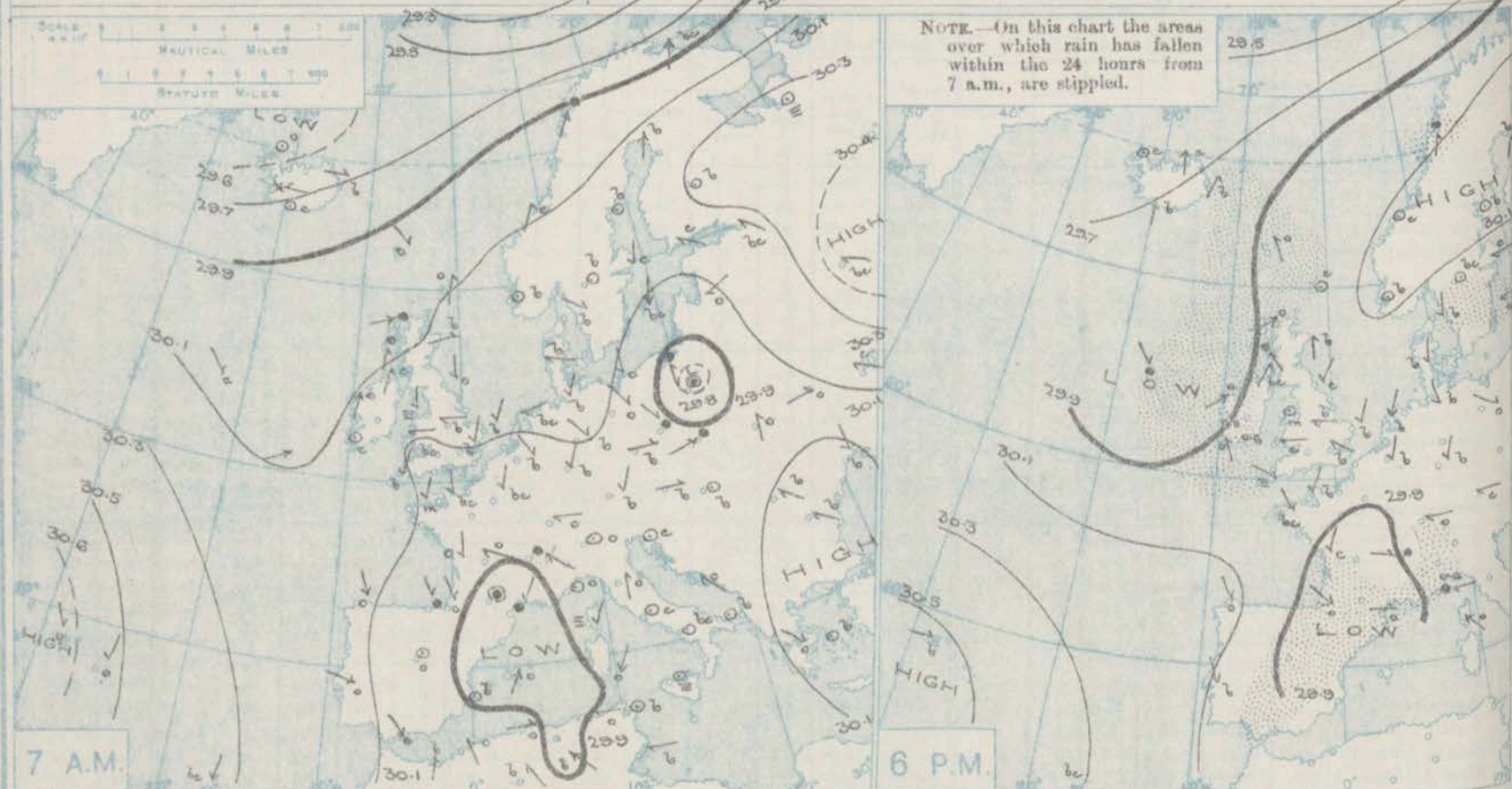
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMP.		WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.					
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.						Dir.	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'g. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
Spitzbergen...	29.27	21	E	5	c	29.70	+1.2	17	-11	NE	2	c	?	-	28	12	-	-	-	-	-		
Lerwick ...	29.99	48	r	0	c	29.74	-0.4	45	0	SSE	3	b	2	Trace	52	40	c	cm	f. b	*	Hours		
Stornoway ...	29.90	48	SW	5	o	29.55	-0.8	48	+2	SE	3	o	3	0.02	51	45	odp	o	og	0.0	0.0		
Castlebay (Barra Isd.)	29.86	46	SSE	3	d	29.50	-0.6	48	+1	SE	4	d	5	0.11	49	45	dl. o	od	d. ad	0.0	0.0		
Malin Head...	29.87	52	SW	2	bcy	29.46	-0.8	48	+3	S	4	cmq	2	0.01	56	45	og	zy	cmq	*	*		
Blacksod Point	29.86	49	SW	6	o	29.40	-0.7	51	+3	S	6	r	5	0.28	51	46	or	om	om	*	*		
Valencia ...	29.90	49	SSE	3	ov	29.43	-0.3	48	+3	SSE	3	adm	4	0.81	54	45	c	c. ov	om	5.7	5.7		
Roche's Point	29.96	50	SW	3	b	29.51	*	50	+3	S	5	r	5	0.64	56	47	c	by	c. or	*	*		
Birr Castle ...	29.88	59	SW	2	c	29.50	*	49	+3	SE	2	r	*	0.22	61	45	c	c	or	6.1	6.1		
Donaghadee ...	29.94	51	SSE	2	b	29.62	-0.6	47	+3	SSE	3	c	2	-	54	43	cm	by	om. oz	*	*		
Liverpool Obsy.	29.96	54	-	0	o	29.71	-0.3	48	+1	SE	3	b	1	-	60	46	bm	og	b	3.1	3.1		
Holyhead ...	29.93	57	-	0	m	29.66	-0.4	49	0	S	4	f	3	-	58	47	bf	bm	og	10.4	10.4		
Pembroke (St. Ann's Hd.)	29.95	53	E	1	bc	29.68	-0.6	46	-4	S	4	f	3	Trace	60	45	bm	bm	bm	11.3	11.3		
Newquay ...	29.97	56	SW	1	by	29.71	-0.6	47	0	S	2	of	3	Trace	58	45	of. by	by	ot	9.8	9.8		
Scilly (St. Mary's)	29.99	51	WNW	2	f	29.68	-0.6	48	-2	S	4	om	4	0.07	59	45	bm	f	f	9.9	9.9		
Jersey (St. Aubin)	29.97	42	NE	3	bm	29.79	*	52	-3	NE	3	bm	3	-	65	41	bm	bm	bm	12.0	12.0		
Portland Bill	29.99	54	WSW	1	b	29.79	-0.4	49	-5	ENE	1	b	2	-	63	47	bc	bc	bc. bm	*	*		
Dungeness ...	29.97	53	NE	2	b	29.77	-0.4	49	0	NE	3	b	2	-	57	38	bc	bc. b	ca. b	*	*		
Dover ...	29.99	51	N	4	b	29.79	*	50	0	NE	1	b	2	Trace	58	41	b	b	bw	11.2	11.2		
Wick ...	29.93	46	S	2	c	29.67	-0.4	44	0	SSE	3	om	3	Trace	50	39	om	om. c	com. c	*	*		
Nairn ...	29.93	54	E	1	bc	29.62	*	50	+2	-	0	m	0	-	59	40	b	bc. b	bm	7.7	7.7		
Aberdeen ...	29.97	50	S	2	b	29.72	-0.5	46	+2	S	1	c	2	-	57	40	b	by	bg. w. c	12.1	12.1		
Leith ...	29.96	52	S	2	o	29.66	-0.7	52	+7	SE	1	bc	*	-	58	41	b	bc. c	cy	*	*		
North Shields	30.01	46	NE	1	c	29.76	-0.7	46	-1	-	0	c	2	-	49	43	o	c	c	1.0	1.0		
Spurn Head ...	30.01	46	ESE	3	b	29.80	-0.4	46	-1	SSE	3	bw	3	Trace	51	43	bc	b	bc. b	9.3	9.3		
Yarmouth ...	30.04	48	NE	1	b	29.84	-0.3	47	-1	ESE	1	b	1	-	53	43	b	b	b	12.7	12.7		
Clacton-on-Sea	30.01	54	NE	2	b	29.81	-0.3	48	0	N	1	b	0	-	56	44	bcy	bc. b	bc	13.0	13.0		
Nottingham...	29.98	60	E	1	b	29.79	*	46	+5	E	1	bm	*	-	64	40	bm	b	bc	10.0	10.0		
Bath ...	29.97	65	E	1	b	29.78	*	47	-4	ENE	1	b	*	-	68	40	-	-	-	11.6	11.6		
London (Kew Obsy.)	30.00	57	ESE	2	b	29.81	-0.6	42	-6	-	0	bm	*	-	62	37	bm. b	bm. b	bm. b	10.9	10.9		
Isafjord...	29.58	43	-	0	c	29.55	0.0	40	+8	SE	5	o	*	*	*	*	*	*	*				
Reykjavik ...	29.55	41	SW	3	o.	29.40	-0.8	37	+4	E	3	o	*	*	*	*	*	*	*				
Vestmanna ...	29.69	42	S	2	b	29.45	-0.7	37	+3	SE	2	o	3.	*	*	*	*	*	*				
Seydisfjord ...	29.77	39	SW	3	b	29.67	-0.4	37	+2	E	3	r	*	*	*	*	*	*	*				
Thorshavn ...	29.94	47	SSE	2	o	29.60	-0.6	44	0	SSE	4	r	*	*	*	*	*	*	*				
Haparanda ...	30.12	36	SW	2	b	30.12	-0.1	37	+4	E	2	b	*	-	41	27	*	*	*				
Hernösand ...	30.13	39	-	0	b	30.04	-0.2	41	0	-	0	b	*	-	54	32	*	*	*				
Stockholm ...	30.03	45	E	2	o	29.93	-0.4	46	-1	NE	4	o	*	-	59	39	*	*	*				
Wisby ...	29.98	41	E	2	o	29.83	-0.3	43	+2	E	2	o	*	0.08	46	37	*	*	*				
Karlstad ...	30.02	46	-	0	bc	29.92	-0.2	45	+6	-	0	o	*	0.12	57	39	*	*	*				
Færder (X'ania Fjord)	30.02	45	-	0	bc	29.88	-0.1	44	+2	NNE	2	o	1	-	46	41	*	*	*				
Bodö ...	30.09	40	SSW	4	r	30.08	-0.3	42	-2	NE	1	bc	1	0.32	43	38	*	*	*				
Christiansund	30.11	46	-	0	c	29.93	-0.3	43	-7	NE	1	b	3	-	46	39	*	*	*				
Skudesnaes ..	30.12	45	-	0	b	29.88	-0.2	44	-1	-	0	b	1	-	50	37	*	*	*				
The Scaw (Skagen)...	30.01	45	NNE	2	b	29.86	-0.2	45	+1	NE	2	o	0	0.12	50	43	*	*	*				
Blaavands Huk ...	30.08	44	NNE	1	b	29.86	-0.4	47	-2	NNW	2	bc	2	-	50	41	*	*	*				
Cuxhaven ...	30.01	47	N	3	b	29.85	-0.6	49	+2	N	2	b	*	-	52	45	*	*	*				
The Helder ...	30.03	50	NE	4	b	29.88	-0.2	48	0	ENE	2	b	1	-	54	46	*	*	*				
Brussels ...	29.93	54	NE	2	b	29.79	-0.4	50	+3	E	1	b	*	-	66	40	*	*	*				
Berlin ...	29.91	53	NW	3	c	29.84	-0.1	49	+4	W	3	c	*	Trace	59	45	*	*	*				
Frankfurt ...	29.94	51	NE	1	b	29.86	-0.2	47	+1	NE	1	b	*	-	64	41	*	*	*				
Munich ...	29.94	50	E	2	c	29.86	-0.2	48	+7	E	3	o	*	-	57	41	*	*	*				
C. Gris Nez...	29.97	48	NNE	3	b	29.80	-0.3	47	-2	NNE	1	bc	1	-	55	45	*	*	*				
La Hève ...	29.93	54	NE	3	m	29.76	*	48	-4	-	0	m	0	-	66	41	*	*	*				
Brest (St. Mathieu)...	30.03	54	NNW	4	bc	29.84	-0.4	49	0	SW	3	m	3	-	57	46	*	*	*				
Lorient (Bec Melen)...	29.91	61	N	2	b	29.79	*	49	0	WNW	4	o	3	-	64	45	*	*	*				
Rochefort (Ile d' Aix)	29.85	59	NNE	3	o	29.78	+0.1	54	+2	NNW	2	o	*	0.08	63	52	*	*	*				
Biarritz ...	29.88	54	NW	4	o	29.87	+0.1	53	+1	WNW	5	r	5	0.43	54	50	*	*	*				
Paris ...	29.89	63	NE	2	b	29.78	-0.3	50	-7	NNE	1	bc	*	-	71	45	*	*	*				
Belfort ...	29.91	55	E	3	o	29.89	*	49	+2	-	0	f	*	0.04	63	47	*	*	*				
Lyons ...	29.93	57	W	1	r	29.84	*	53	+1	SSW	3	bc	*	0.43	63	51	*	*	*				
Nice ...	29.95	53	E	2	r	29.96	+0.2	55	+1	-	0	c	3	0.63	57	52	*	*	*				
Perpignan ...	29.84	58	W	1	o	29.84	+0.1	55	-1	NW	1	b	*	0.08	60	48	*	*	*				
Sanguinaire ...	29.98	58	SE	4	o	30.02	*	53	+1	SE	2	o	2	-	63	50	*	*	*				
Corunna (8 a.m.) ...	30.13	54	NNW	3	o	29.99	-0.8	51	-3	SW	3	o	5	-	55	48	*	*	*				
Lisbon (9 a.m.) ...	30.10	55	NNW	5	b	30.06	-0.1	56	-0	NNW	4	o	5	-	59	54	*	*	*				
Gibraltar ...	30.01	55	NW	3	btl	29.99	*	53	*	NW	3	bc	1	0.03	65	52	*	*	*				
Azores (P. Delgada)	30.57	59	W	3	b	30.50	+0.1	53	+2	-	0												

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. 23RD APRIL.



GENERAL INFERENCE

WEATHER PROSPECTS.

The new depression which has appeared in the west does not appear to be of sufficient intensity to cause gales, but it

is likely to give rise to unsettled weather over the country generally.

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

0 {^a
b} Moderate or fresh South Easterly to South Westerly winds; dull, some rain; moderate temperature.

1

2 {^a
b} Wind shifting to South or South West, and freshening somewhat; becoming less settled with some rain by to-morrow; moderate temperature.

3

4 {^a
b}

5

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

NO WARNINGS ISSUED.

6 {^a
b}

Same as Nos 0 and 1.

7 {^a
b}

Moderate or fresh Southerly to South Westerly winds; cloudy, some rain; moderate temperature.

8 {^a
b}

9 {^a
b}

Moderate or fresh Southerly to South Westerly winds; some rain at first, fair intervals later; moderate temperature.

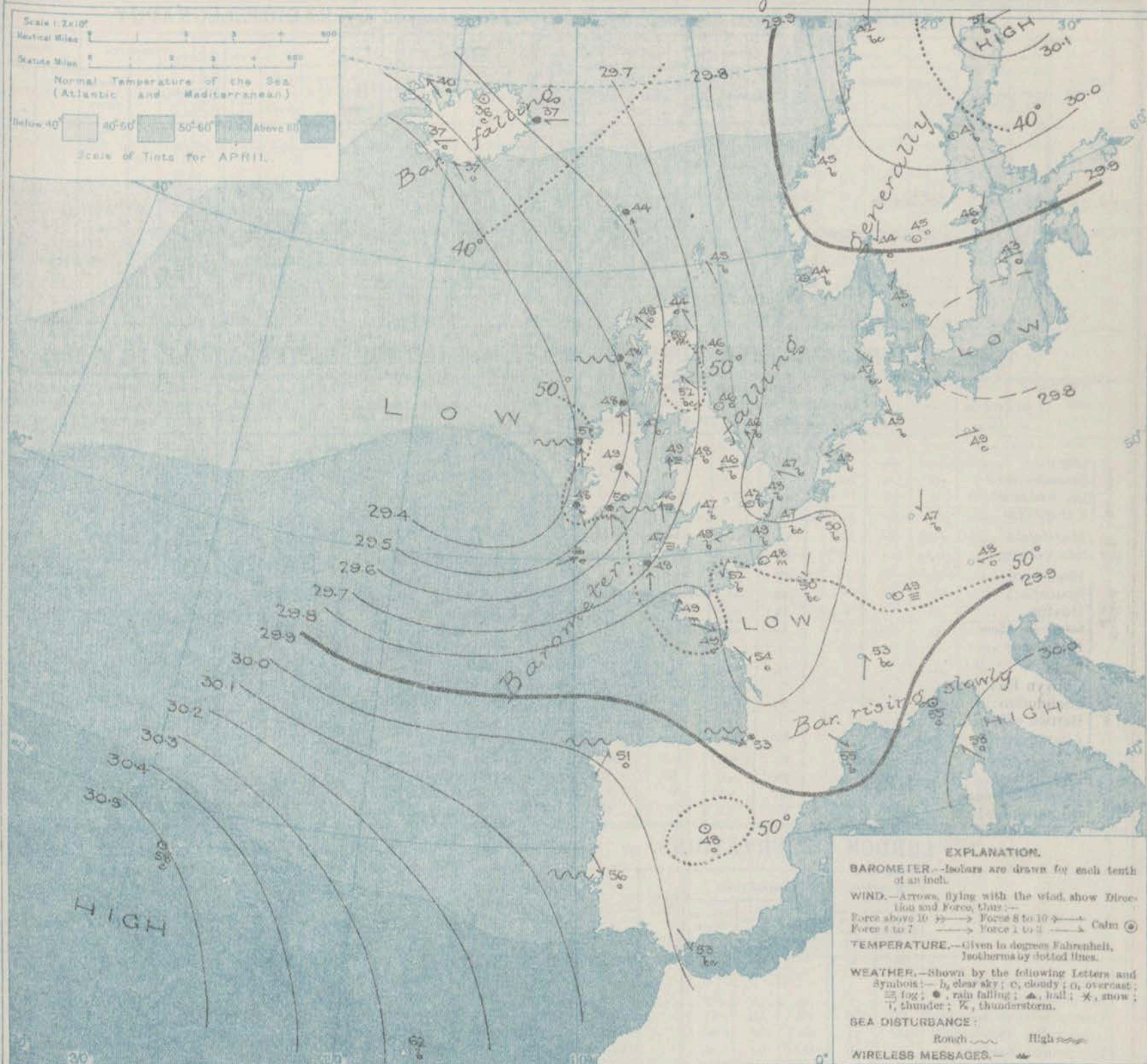
10 {^a
b}

11 WESTERN CHANNEL AND BAY.

Moderate or fresh Southerly to South Westerly winds; moderate sea; unsettled, some rain; moderate temperature.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Thursday, 24th APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A fresh depression is affecting our western districts. The anticyclone yesterday over Scandinavia has moved to the extreme north of Sweden. A wedge of high pressure extends south-westward towards these islands, and conditions are still anticyclonic over the east of England.

Southerly winds of moderate force have set in over Ireland and the west

of Britain. Over the east of England and also over the Continental part of our area the wind is very light, and its direction variable. The weather is generally fine in this region of variable wind, but in the western districts it has become unsettled, and rain is reported from almost all the Irish stations; fog prevails in the Irish Sea and the Bristol Channel.

DAILY WEATHER REPORT.

Thursday, 24th April 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.	50	10	Ultonia	O	29.52	?	WSW	6-7	0										
23rd 6 p.m.	54	18	Scandinavian	H	29.77	-0.7	WNW	1-3	r	23rd 7 a.m.	53	23	Scandinavian	H	30.04	-0.3	NW	1-3	0
											50	16	Lake Michigan	O	30.06	-0.8	WSW	4-5	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.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.		In.					Hr.	England, S.E.		In.					Hr.
{ Oban ...		-	54	44	o.bc	bcy	2.1	{ Margate ...		-	55	46	b	b	10.0
{ Stonehaven ...		-	60	38	b	b	10.9	{ Ramsgate ...		-	57	44	*	*	13.2
{ St. Andrews ...		-						{ Deal ...		-	55	42	bc	bc	12.2
{ Carnoustie ...		-						{ Folkestone ...		-	61	46	b	b	11.6
Eng. N.E.								{ Littlestone ...		-	62	46	b	b	10.8
{ Harrogate ...		-	62	42	c.bc.b	b, bc, s.o	5.1	{ Hastings ...		-	62	46	b	b	11.2
{ Scarborough ...		-	53	41	bc	bc	9.7	{ Bexhill-on-Sea ...		-	63	47	bc.b	b	9.5
England, N.W.								{ Eastbourne ...		-	60	47	o, bc, b	b	8.5
{ Blackpool ...		-	58	43	om	em	2.5	{ Seaford ...		-	63	46	r, bc, b	b	8.2
{ Southport ...		-	55	41	om, bc	bc	4.2	{ Brighton ...		-	65	49	bc, b	b	8.5
{ Buxton ...		0.01	62	37	bc	bc	10.0	{ Worthing ...		-	64	48	c.b	b	9.5
{ Leamington Spa ...		-	64	45	by	b		{ Littlehampton ...		-					
{ Douglas ...		-						{ Bognor ...		-					
Wales.								{ Southsea ...		-	60	46	b	b	7.7
{ Rhyl ...		-	59	41	b	b	6.5	{ Bournemouth ...		-	67	45	b	b	11.2
{ Colwyn Bay ...		-	57	43	b	b	8.0	{ Weymouth ...		-	67	47	b	b	12.0
{ Llandudno ...		-	57	44	b	b	8.9	{ Teignmouth ...		-	66	45	b	b	11.5
{ Bettws-y-Coed ...		-						{ Torquay ...		-	64	47	b	b	11.5
{ Aberystwyth ...		-	58	46	bc, b	bc, o	8.0	{ Paignton ...		-	65	43	b	b	10.7
England, E.								{ Ilfracombe ...		0.01	60	45	by	by	11.5
{ Lowestoft ...		-	51	45	b	b	12.4	{ Weston-super-Mare ...		-	67	45	b	b	
{ Felixstowe ...		-	54	42	b	b	12.4								
{ Walton-on-Naze ...		-	52	43	b	b	12.3								
{ Southend-on-Sea ...		-	61	43	b	b	12.5								

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine 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.) ...	%	%				1n.				Hr.	Dublin to 4 p.m.	In.							
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	10.0	Plymouth to 9 p.m.	-	58	49	48	o.c	emb	c.o	
Westminster (St. James's Pk.)	55	89	63	42	33	-	bc	bc	bcw	10.7	Darwen "	-	63	44	37	by	bc	bc	11.1
Camden Sq. (Brit. Rainfall)	43	78	66	37	32	-	b	b	b	9.9	Manchester "		60	45	38	og, bcw	cu	cu	
Hampstead (Reservoir) ...	*	76	61	41	28	-	bc	bx	bf°	11.5	Birmingham "								
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.								Oxford to 8 p.m.	*	66	44	39	c.o.b	*	bm	
			Total.		Average Rate.		Max. Rate.												
S. Kensington (Roof of M.O.)	76	49	1538 Joules.		29.9 Milliwatts.		60 Milliwatts.		10.5	S. Kensington (Museum Grounds to 6 p.m.)	-	63	46	34	bc	bc	bcy	*	

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

24th & 25th April 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	4.39	11.51	7.2
	4.37	11.51	7.4
Greenwich ...	4.49	11.58	7.7
	4.47	11.58	7.9
Wick ...	4.41	12.10	7.40
	4.38	12.10	7.42
Valencia ...	5.37	12.39	7.50
	5.27	12.39	7.52

NOTES ON YESTERDAY'S WEATHER.

Rather heavy rain has fallen in the south of Ireland. Over England and Scotland there was practically no rain, and large amounts of sunshine were experienced very generally. Several places report over 12 hours. Yesterday's maximum temperature at Bath reached 68°; Bournemouth, Weymouth, and Weston-super-Mare report 67°, and 60° was exceeded over a large part of the country. On the east coast the maxima were mostly 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 wrappers.

12-20.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,
25th April, 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.				
Spitzbergers...		29.99	8	SE	2	b	30.13	+0.14	3	-1.14	-	0	b	?	-	18	-8							Hours	
Lerwick ...		29.59	47	ESE	6	bc	29.46	-0.13	43	0	ESE	6	bc	5	-	50	43	bc	bc	bc					
Stornoway ...		29.37	50	SSW	6	odp	29.34	+0.01	44	-4	WNW	2	0	2	0.34	54	42	odp	odp	odp				0.0	
Castlebay (Barra Isd.) ...		29.34	46	WNW	2	d	29.32	-0.02	44	-4	-	0	0	1	0.44	48	41	r.d	r.d	d.r.c				0.0	
Main Head...		29.36	46	SW	1	ry	29.34	-0.01	44	-4	WSW	3	bc	2	0.32	54	42	cm	cm	bc					
Blacksod Point ...		29.49	48	WNW	5	c	29.36	-0.13	40	-11	S	2	0	3	0.18	51	38	od.r	cm	cm					
Valencia ...		29.61	48	W	4	c	29.40	-0.21	42	-6	S	3	p	4	0.44	51	41	opm	o.c	b.s				2.2	
Roche's Point ...		29.54	49	NW	4	c	29.45	-0.09	44	-6	-	0	0	2	0.11	55	41	op.e	p.c	c.b					
Birr Castle ...		29.47	47	WNW	4	o	29.40	-0.07	41	-8	SW	2	e	2	0.18	54	33	or.ep	op	c				0.0	
Donaghadee ...		29.41	48	SSW	3	r	29.39	-0.01	40	-7	W	2	c	1	0.28	50	40	om	om	c.b					
Liverpool Obsy. ...		29.50	55	S	3	o	29.45	-0.05	44	-4	WSW	4	0	3	0.02	63	43	bc	op	op				4.4	
Holyhead ...		29.46	49	SEW	5	r	29.44	-0.02	44	-5	W	3	c	2	0.20	53	43	agf	of.r	cg				0.2	
Pembroke (St. Ann's Hd.)		29.48	48	SW	4	c	29.50	+0.01	45	-1	W	4	bc	3	0.11	49	44	f	om	cg				0.0	
Newquay ...		29.55	50	SE	1	opf	29.55	-0.00	48	+1	SW	3	b	4	0.08	52	45	op.f	op.f.c	of.c				2.0	
Scilly (St. Mary's) ...		29.56	49	WNW	5	omp	29.58	-0.02	45	-3	W	5	bc.p	4	0.18	53	43	om	cpm	cpm				1.1	
Jersey (St. Aubin) ...		29.67	54	W	2	cm	29.66	-0.01	49	-3	W	4	c	3	0.15	56	47	bm	cm	ag.r.c				9.0	
Portland Bill ...		29.62	50	SSW	3	o	29.56	+0.06	48	-1	W	5	b	3	0.04	55	46	bm.com	dm.c	bc					
Dungeness ...		29.61	51	SW	2	bc	29.54	-0.07	50	+1	SSW	3	0	3	-	56	47	b	b.b.c	bc.c.d					
Dover ...		29.64	53	SSW	1	bc	29.57	-0.07	49	-1	SSW	4	r	3	0.01	62	46	b	b.b.c	bc.com				10.8	
Wick ...		29.44	47	SSE	5	o	29.31	-0.13	44	0	SSE	5	r	5	0.09	49	43	om	om	om					
Nairn ...		29.41	58	SW	1	o	29.28	-0.13	47	-3	SW	1	o	1	-	66	45	ag.b	ag	ag				2.3	
Aberdeen ...		29.52	46	SSE	3	bc	29.34	-0.18	44	-2	SSE	3	o	3	0.07	50	44	c.b.c	bc	c.r				5.5	
Leith ...		29.45	59	SW	1	o	29.32	-0.13	47	-5	SW	2	r	2	0.01	65	46	b.b.c	c.o	o					
North Shields ...		29.53	49	SE	3	c	29.36	-0.17	47	+1	SE	3	o	3	0.01	54	43	c	o	r				7.2	
Spurn Head ...		29.57	48	ESE	5	c	29.42	-0.15	49	+3	S	4	p	4	Trace	50	45	bc	bc	bc.c.p				11.0	
Yarmouth ...		29.66	48	ESE	2	b	29.53	-0.13	49	+2	S	3	o	3	-	52	47	b	b	b.com				12.4	
Clacton-on-Sea ...		29.62	51	E	2	bc	29.53	-0.09	50	+2	S	3	o	0	-	54	47	b	b.b.c	bc.c.d				12.0	
Nottingham ...		29.57	61	SSW	2	o	29.46	-0.11	49	+3	SW	3	p	2	0.04	66	46	b	bc.c	o.g.p				8.7	
Bath ...		29.60	52	SSW	3	o	29.54	-0.06	48	+1	W	3	o	2	0.01	63	46	-	-	-				5.9	
London (Kew Obsy.)...		29.60	60	SW	2	c	29.51	-0.09	50	+8	SW	3	om	2	0.02	66	41	bm.b.c	c.b.c	c.b.c				8.7	
Isafjord...		29.41	37	E	9	o	29.29	+0.12	33	-7	-	0	o	2	-	-	-	-	-	-					
Reykjavik ...		29.12	37	E	3	r	29.16	+0.04	36	-1	E	1	b	2	-	-	-	-	-	-					
Vestmanna ...		29.08	37	W	1	r	29.28	+0.20	37	0	NW	2	b	2	-	-	-	-	-	-					
Seydisfjord ...		29.31	36	E	4	r	29.31	+0.00	38	+1	-	0	f	2	-	-	-	-	-	-					
Thorshavn ...		29.39	47	SSE	3	f	29.32	-0.07	44	0	SSE	5	r	2	-	-	-	-	-	-					
Haparanda ...		30.08	40	SE	2	b	30.01	-0.07	43	+6	NW	2	c	2	-	54	37	-	-	-					
Hernösand ...		29.99	37	-	0	b	29.80	-0.19	37	-4	-	0	r	2	0.39	46	34	-	-	-					
Stockholm ...		29.80	41	SE	2	r	29.97	+0.17	38	-8	SE	4	r	2	0.16	46	37	-	-	-					
Wisby ...		29.77	41	SSE	2	o	29.78	+0.01	42	-1	SW	4	o	2	0.04	48	36	-	-	-					
Karlstad ...		29.76	41	E	4	r	29.72	-0.04	42	-3	-	0	o	2	0.08	54	37	-	-	-					
Færd (Xiania Fjord)		29.74	47	N	2	r	29.72	-0.02	44	0	-	0	bc	1	0.04	46	43	-	-	-					
Bodö ...		29.97	46	ENE	2	b	29.88	-0.09	49	+7	ENE	2	b	1	-	49	41	-	-	-					
Christiansund ...		29.76	51	-	0	b	29.70	-0.06	51	+8	-	0	b	3	-	52	45	-	-	-					
Skudesnaes ...		29.77	48	-	0	c	29.66	-0.11	47	+3	ENE	2	b	1	-	58	45	-	-	-					
The Scaw (Skagen)...		29.73	47	ENE	2	o	29.72	+0.01	46	+1	ENE	1	o	0	-	50	45	-	-	-					
Blaavands Huk ...		29.72	44	NW	1	b	29.65	-0.07	47	-0	SE	2	om	1	-	50	36	-	-	-					
Cuxhaven ...		29.73	49	N	2	o	29.61	-0.12	48	-1	SSE	2	m	2	-	52	45	-	-	-					
The Helder ...		29.68	51	NE	3	b	29.58	+0.10	51	+3	S	3	b	0	-	52	41	-	-	-					
Brussels ...		29.64	55	SE	1	bc	29.64	+0.00	53	+3	S	1	r	2	Trace	71	47	-	-	-					
Berlin ...		29.75	57	-	0	b	29.74	+0.01	51	+2	S	1	c	2	-	64	45	-	-	-					
Frankfurt ...		29.75	54	SW	1	c	29.76	+0.01	52	+3	SW	1	r	2	Trace	66	49	-	-	-					
Munich ...		29.76	55	SE	2	c	29.83	+0.07	52	+4	SE	6	o	2											

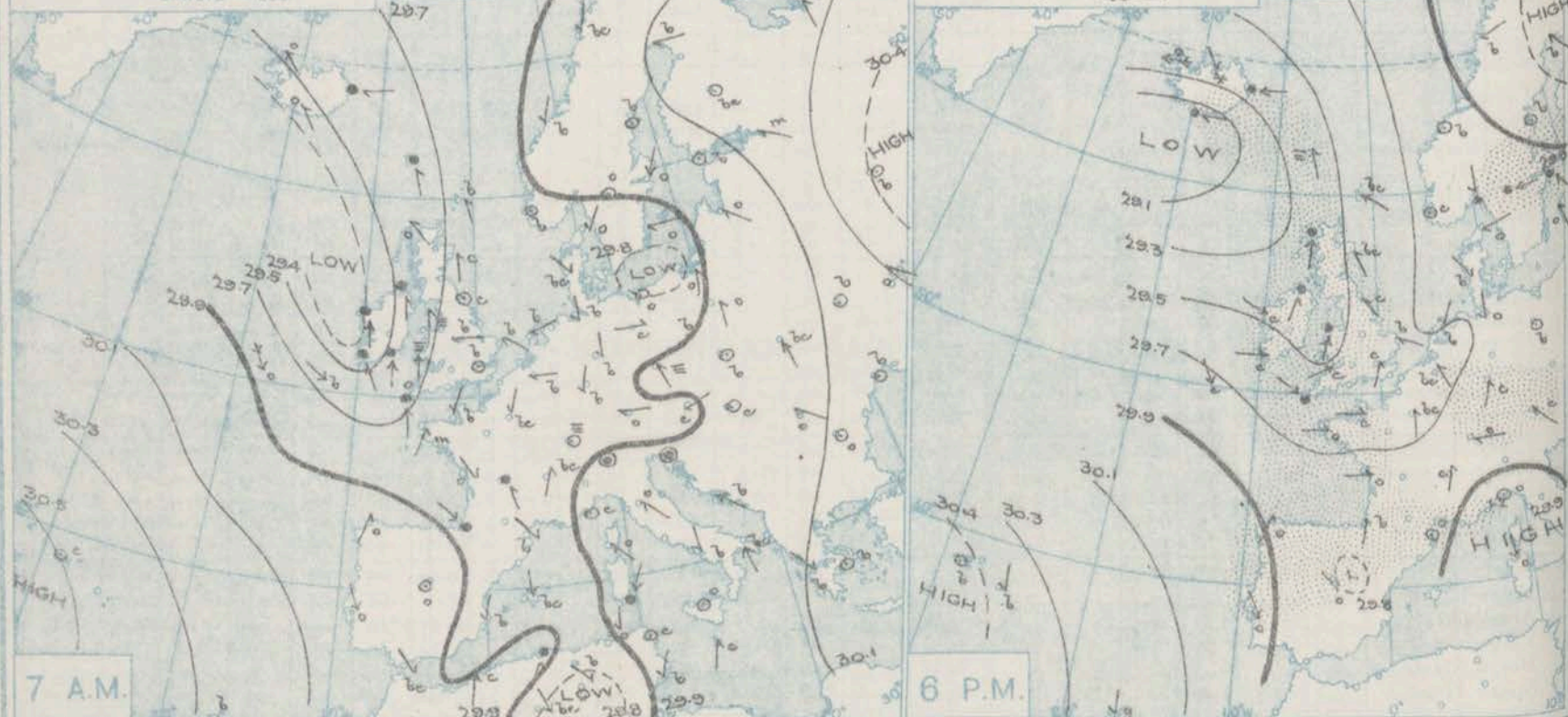
* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



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



GENERAL INFERENCE

A fresh depression is approaching the west of Ireland and though it is of no great depth it is likely to cause unsettled conditions over our western districts. Over the eastern part of the

WEATHER PROSPECTS.

country the weather will be fair at first as yesterday's depression passes away, but the effects of the new disturbance are likely to be felt by tomorrow.

FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY

- 0 {
a } Light Easterly breezes,
b } freshening later; mostly dull,
with some rain; moderate
temperature
- 1 {
- 2 {
a } Moderate Easterly winds
b } backing later; mostly fair
- 3 { today, less settled tomorrow;
- 4 {
a } moderate temperature.
b }
- 5 {



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

NO WARNINGS
ISSUED

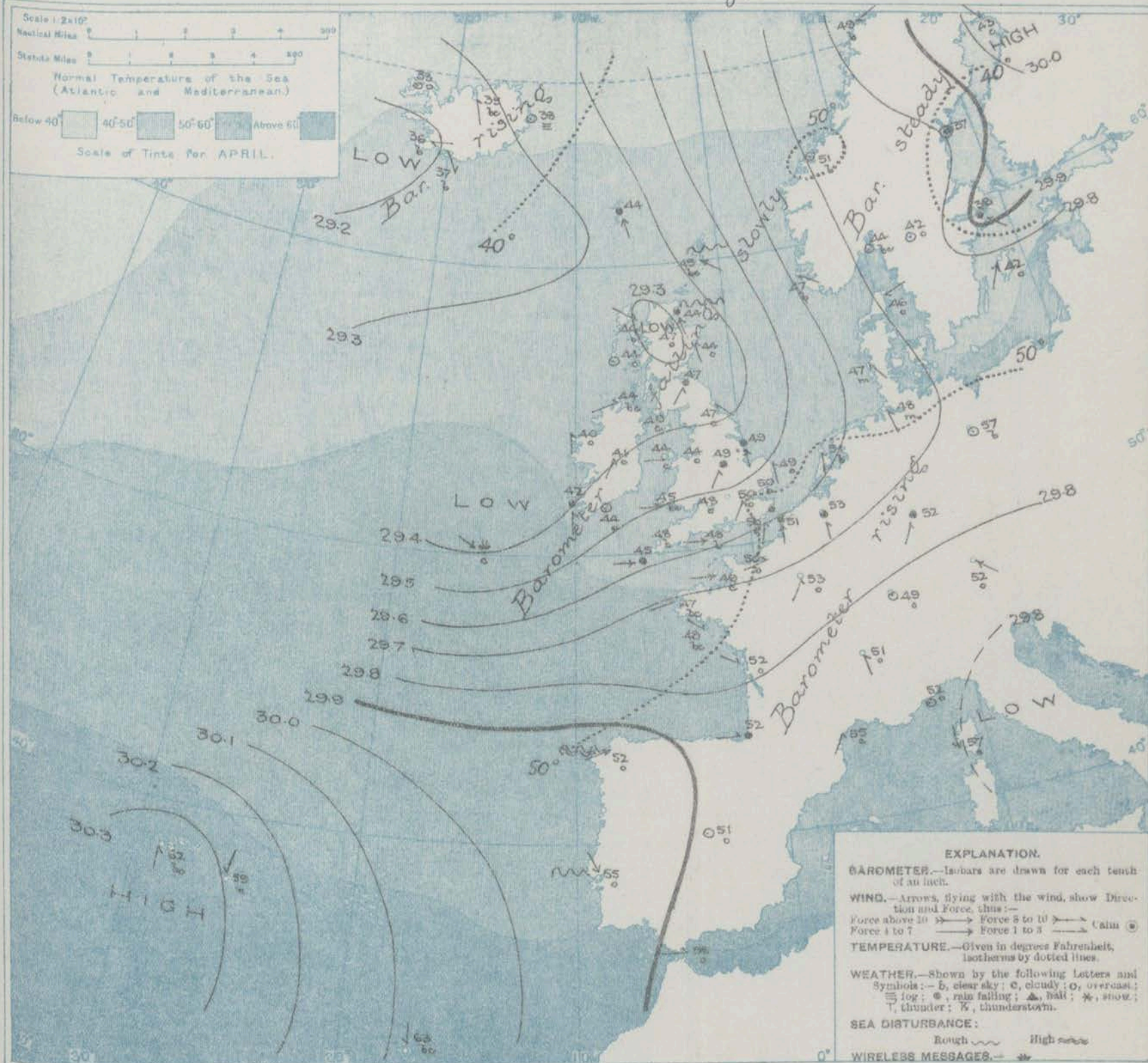
- 6 {
a } Same as Nos. 0 and 1.
b }
- 7 {
a } Moderate or fresh Easterly
b } winds, backing later; fair at first
then some rain; moderate
temperature.
- 8 {
a } Fresh or strong Easterly winds
b } backing temporarily to South-Easterly
or South; fair at first, some rain
later; moderate temperature.
- 9 {
a } Freshening Southerly winds
b } veering later towards West;
dull, some rain, fair intervals
later; moderate temperature.
- 10 {
a }
b }

11 WESTERN CHANNEL AND BAY.

Moderate to fresh or strong South-Easterly winds; sea moderate unsettled.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Friday, 25th APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A shallow depression of a "V"-shaped character has passed across the country in the past twenty-four hours. The lowest barometer readings are now shown over Scotland. The depression is secondary to an extensive disturbance in the Iceland region, which has, however, little intensity. Pressure is highest in the extreme north-east of Sweden. The barometer is falling again on the west coast of Iceland.

The wind has become westerly over the greater part of the British Isles, but it is still southerly along the east coast, while on the west

coast of Ireland it has again backed from West to South. Rain is falling in the two regions of the southerly wind on the extreme east and extreme west of the British Isles; in the intermediate area the weather is mostly fair, and bright in places. Temperature ranges from 40° to 50°. The sea is moderate to slight generally.

DAILY WEATHER REPORT.

Friday, 25th April, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
25th 7 a.m.	50	15	Olympic	O	?	-0.03	WNW	6-7	c	24th 7 a.m.	50	27	Canada	H	29.96	-0.02	WNW	6-7	c
24th 6 p.m.	50	21	Lake Michigan	O	29.76	-0.07	WNW	6-7	o	"	50	18	Baltic	H	29.90	-0.02	NW	8-9	o
"	50	14	Baltic	H	29.74	-0.05	NW	4-5	c	"	50	13	Ullornia	O	?	+0.02	WNW	6-7	b
" 1 p.m.	55	6	Scandinavian	H	29.52	0.00	NW	4-5	T										

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	In.					Hr.	England, S.E.	Margate	In.	60	38	b	bc	9.5
	Stonehaven								Ramsgate		57	43	*	*	10.5
	St. Andrews		88	37	b	bcp	4.8		Deal		56	37	bc, bc	bc, bc	10.9
	Carnoustie								Folkestone		60	45	b	b	11.6
England, N.E.	Harrogate		61	40	c, bc, b	b, bc, c	7.5	England, S.W.	Littlestone		*	*	*	*	11.9
	Scarborough		54	42	c, b	bc			Hastings		57	44	b	b	11.7
England, N.W.	Blackpool		62	47	c	c, o	5.0		Bexhill-on-Sea		55	44	b	b, bc	9.4
	Southport		63	46	bc	c, bc, o	4.7		Eastbourne		55	42	b	bc	11.2
	Rypton		60	42	bc	bc	5.1	England, S.W.	Seaford		60	41	b	b	11.7
	Lamington Spa		64	41	bc	o	7.8		Brighton		55	43	b	b, bc, o	10.5
Wales.	Douglas								Worthing		57	39	b	b	10.7
	Rhyl	0.01	62	47	c, o	o	4.2		Littlehampton		*	*	*	*	10.7
	Colwyn Bay		62	49	bc	bcp, bc	5.3		Bognor		58	39	b	bc, c	10.0
	Llandudno		61	48	b	c, o	3.2	England, S.W.	Southsea		57	39	b, bc	o	7.7
England, S.W.	Bettws-y-Coed		62	42	c, bc, c	c	3.7		Bournemouth		58	46	bc, bc	bc, bc	6.5
	Aberystwyth		57	50	o, c, o	o	1.5		Weymouth		58	46	bc, bc	bc, bc	1.8
	Lowestoft		52	43	b	b	12.5		Teignmouth	0.04	53	41	bc, bc	c, o, r	1.8
	Felixstowe		52	40	b	b, bc, m	11.4		Torquay	0.02	56	46	bc	c, o	1.9
England, S.W.	Walton-on-Naze		52	43	b	b	11.4		Paignton	0.06	54	41	bc, o	od	2.0
	Southend-on-Sea		61	48	b	b	12.0		Ilfracombe	0.13	58	48	c, or	ro, c	4.5
									Weston-super-Mare	0.05	61	48	bc	or	

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.	
	1 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.)...	82	87	67	47	37	0.01	b	b	b, cp	Hr. 6.1	Dublin to 4 p.m.	0.01	56	48	44	b, bc	of	c	0.0	
City (Bankhill Row) ...	82	87	67	47	37	0.01	b	b	b, cp	6.0	Plymouth to 9 p.m.	0.12	53	45	40	or	of	c	0.0	
Westminster (St. James's Pl.)	82	93	67	49	39	0.04	bc	7	bc	7.5	Darwen "	0.04	61	46	40	bc	bc	or	6.0	
Camden Sq. (Brit. Rainfall)	47	83	68	49	44	0.03	b	b, bc	bc or	6.7	Manchester "									
Hampstead (Reservoir) ...		93	64	47	39	0.07	bc	bc	o	9.4	Birmingham "		62	43	33	c	o	o	4.0	
Kew. (See front page.)											Oxford to 8 p.m.		66	39	35	bc	bc	bc	o	
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																				
Total.					Average Rate.			Max. Rate.												
142.2 Joules.					27.6 Milliwatts.			61 Milliwatts.			S. Kensington (Museum Grounds to 6 p.m.)									
S. Kensington (Roof of M.O.)					44			83			6.9									

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

25th 26th Apr 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.37 4.35	G.M.T. 11.51 11.51	G.M.T. 7.4 7.6
Greenwich	4.47 4.45	11.56 11.56	7.9 7.11
Wick	4.38 4.35	12.16 12.16	7.42 7.45
Valencia	5.37 5.25	12.39 12.39	7.52 7.44

NOTES ON YESTERDAY'S WEATHER.

The weather was very fine over the eastern part of the country where over 10 hours of bright sunshine were experienced. In the west the sky became overcast early in the day, and rain set in before evening. In the course of the night the rain spread also to the eastern districts. Temperature exceeded 60° over a wide area, the highest reading reported being 66° in London and Kew.

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,
24th April, 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 12).	Rain- fall.	TEMP.		WEATHER.								
	At 32° Fahr. and M.S.L. Lat. 45°.		Dry Bulb.				At 32° Fahr. and M.S.L. Lat. 45°.		Change since 4 a.m.						Dry Bulb.		Change since Yesterday- day.		Max.		Min.	Morn'g. 7 a.m. to 1 p.m.		Aftern'n. 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.
	Force (0 to 12).	Dir.	Force (0 to 12).	Dir.			Force (0 to 12).	Dir.	Force (0 to 12).	Dir.					Force (0 to 12).	Dir.	Force (0 to 12).	Dir.	Force (0 to 12).	Dir.	Force (0 to 12).	Dir.		Force (0 to 12).	Dir.
Spitzbergen ...	30.16	17	S	1			30.19	+0.1	16	+13	-	6	-	?	18	14									
Lerwick ...	29.37	46	ESE	8	0		29.17	-0.3	44	-1	ESE	6	r	4	0.20	49	43	c	or	orm					
Stornoway ...	29.24	46	S	3	bc		28.96	-0.04	44	0	ESE	4	bc	4	0.02	50	41	op.c	c.bc	bc	4.1				
Castlebay (Barra Isd.) ...	29.20	45	ESE	2	0		28.89	-0.06	40	-4	WSW	4	op	4	0.10	47	39	gp.c	c.op.c	op	4.0				
Malin Head ...	29.15	43	SSE	2	r		29.00	+0.3	39	-5	SW	5	bc	5	0.32	56	37	bc	oph	opq					
Blacksod Point ...	29.17	42	W	3	c		29.01	-0.8	41	+1	SSE	4	0	4	0.02	48	36	cur	om	opm					
Valencia ...	29.30	43	WSW	5	cph		29.02	-0.16	46	+4	S	4	r	5	0.45	47	38	0	eph	bc.m	2.6				
Roche's Point ...	29.28	44	W	4	bc		29.06		46	+2	S	7	0	6	0.83	46	34	ots	r.c.bc	bc.bro					
Birr Castle ...	29.15	37	W	1	c		29.09		36	-5	SE	2	c	2	0.86	48	31	c.or	ots.c	c	2.5				
Donaghadee ...	29.17	45	E	5	r		29.19	+0.3	37	-3	SW	3	bc	2	0.17	51	37	bc	orm	opq.bc					
Liverpool Obsy. ...	29.29	43	SW	4	0		29.37	+0.3	40	-4	SSE	3	bc	3	0.03	54	35	bc	or	b.p	3.2				
Holyhead ...	29.20	44	WSW	6	0		29.28	0.0	43	-1	SW	4	c	3	0.01	51	40	cj	opq	cj	5.4				
Pembroke (St. Ann's Hd.) ...	29.29	43	W	6	c		29.28	-0.05	45	0	S	6	m.vq	5	0.10	49	40	bc	opq	opq	4.3				
Newquay ...	29.41	45	WSW	5	bc		29.34	-0.09	49	+1	SW	5	op	4	0.21	50	41	b.op	op.bc	bc.op	3.9				
Scilly (St. Mary's) ...	29.44	44	W	6	cph		29.33	-0.07	49	+4	SSW	5	opm	7	0.25	50	40	opq	ephq	opq	2.4				
Jersey (St. Aubin) ...	29.57	50	SSW	4	omr		29.66		49	0	S	4	og	4	0.17	55	44	bc	c.opq	op.og	4.5				
Portland Bill ...	29.45	43	WSW	5	r		29.51	-0.02	48	0	B	6	c	5	0.26	51	40	c	cr	epq					
Dungeness ...	29.53	50	S	4	c		29.64	+0.1	48	-2	SW	6	cj	5	0.20	54	44	ep.bc	bc	epq.c					
Dover ...	29.56	48	SSW	4	bc		29.68		47	-2	SW	6	c	6	0.17	52	41	oc.bc	bc.c.bc	c.op.c	6.1				
Wick ...	29.25	45	SSE	3	c		29.06	-0.3	43	-1	SSE	5	0	4	0.17	46	41	op.om	omp.ano	omr.c					
Nairn ...	29.22	53	W	1	bc		29.01		42	-5	S	2	c	1	0.11	55	39	rd.cj	b.bc	gc	3.7				
Aberdeen ...	29.28	49	SSE	3	bc		29.13	+0.1	42	-2	SSW	4	bc	2	0.06	53	39	omr.c	c.bc	bc.op	4.1				
Leith ...	29.25	51	SW	2	bc		29.16	+0.3	42	-5	SSW	4	c	2	0.04	56	39	op.c.bc	b.bc	bc.or					
North Shields ...	29.32	50	SSW	1	c		29.30	+0.4	41	-6	SSW	2	c	2	0.02	54	37	c	c.r	r.c	1.3				
Spurn Head ...	29.38	51	SSE	4	c		29.44	+0.5	42	-7	WSW	6	bcq	5	0.05	56	38	c	c	c.opq	1.3				
Yarmouth ...	29.49	55	SSW	3	bc		29.60	+0.12	43	-6	S	2	bc	2	0.10	57	40	bc.op	c.bc	op.bc	2.9				
Clacton-on-Sea ...	29.52	51	S	5	c		29.63	+0.05	46	-4	S	5	c	4	0.10	57	43	c.c.bc	bc.c	c.or.c	4.6				
Nottingham ...	29.36	52	SW	4	c		29.48		44	-8	SW	4	c	2	0.05	54	37	r.c.c	c.c	op.c	1.6				
Bath ...	29.44	41	WSW	3	r		29.50		46	-2	SSW	3	0	2	0.11	55	38	-	-	-	4.3				
London (Kew Obsy.) ...	29.47	51	S	4	0		29.60	+0.3	45	-5	SW	3	0	2	0.17	57	40	om.p.c	w.op.c	or.c	3.3				
Isafjord ...	29.47	39	E	4	bc		29.44	+0.7	39	+6	E	7	c												
Reykjavik ...	29.31	41	E	3	b		29.25	0.0	37	+1	E	1	0												
Vestmanna ...	29.33	42	E.NE	1	b		29.26	+0.05	35	-2	-	0	b	2											
Seydisfjord ...	29.40	38	E	2	s		29.41	+0.1	38	0	E	4	r												
Thorshavn ...	29.28	45	SE	6	r		29.15	-0.7	44	0	E	4	r												
Haparanda ...	29.83	34	-	0	s		29.73	+0.3	39	-4	S	2	c		0.39	41	34								
Hernösand ...	29.90	43	E	2	0		29.81	-0.7	40	+3	NE	4	r		0.16	55	26								
Stockholm ...	29.84	39	-	0	0		29.75	+0.1	39	+1	ESE	4	0		0.04	45	34								
Wisby ...	29.82	45	-	0	b		29.80	+0.02	58	+11	S	2	bc												
Karlstad ...	29.78	41	-	0	b		29.75	-0.2	46	+4	SE	4	bc												
Færder (X'ania Fjord) ...	29.74	43	-	0	c		29.64	-0.3	42	-2	NNE	4	0	1											
Bodö ...	29.85	47	E.NE	3	b		29.80	-0.3	46	-3	E	1	b	1											
Christiansund ...	29.66	51	ESE	1	b		29.54	-0.1	49	-2	SE	3	b	3											
Skudesnaes ...	29.60	50	ESE	4	c		29.40	-0.3	46	-1	ESE	6	r	3	0.35	50	46								
The Scaw (Skagen) ...	29.74	49	SE	2	b		29.62	-0.1	48	+2	SSE	3	0	1	0.04	54	45								
Blaavands Huk ...	29.62	49	SE	2	m		29.68	+0.4	49	+2	SSW	4	0	3	0.08	61	46								
Cuxhaven ...	29.63	55	S	2	0		29.72	+0.4	53	+5	SW	4	bc		0.20	63	50								
The Helder ...	29.60	47	S	4	c		29.69	+0.9	47	-4	SW	6	bc	3	0.04	59	46								
Brussels ...	29.66	48	SSW	2	b		29.80	+0.08	47	-6	SW	4	c		0.12	62	46								
Berlin ...	29.73	62	SW	1	b		29.81	+0.04	57	+6	S	1	0												
Frankfurt ...	29.75	57	SW	1	0		29.88	+0.05	54	+2	SW	2	0												
Munich ...	29.75	57	NE	1	c		29.88	+0.02	55	+3	SW	3	0												
C. Gris Nez ...	29.58	49	S	4	c		29.69	+0.6	48	-3	SW	6	c	3	0.17	54	43								
La Hève ...	29.58	48	SW	5	0		29.69		45	-5	SSW	4	0	4	0.08	54	41								
Brest (St. Mathieu) ...	29.62	46	W	4	c		29.58	-0.3	51	+4	SSW	5	0	5	0.08	54	47								
Lorient (Bec Melen) ...	29.65	50	WSW	6	0		29.66		52	+3	SW	5	0	4	0.12	61	45								
Rochefort (Ile d' Aix) ...	29.82	53	WSW	4	0		29.83	+0.02	53	+1	SW	3	c												
Biarritz ...	29.91	54	W	3	bc		29.87	-0.1	54	+2	SSE	2	b	3											
Paris ...	29.70	54	SSW	3	b		29.84	+0.4	52	-1	SSW	3	bc		0.04	60	46								
Belfort ...	29.91	55	W	3	0		29.93		49	0	W	3	0		0.04	64	48								
Lyons ...	29.81	56	-	0	0		29.90		49	-2	-	0	r		0.12	64	48								
Nice ...	29.76	57	-	0	0		29.74	+0.1	62	+10	-	0	0	3	0.24	62	52			</					

GALES.

Duration and Extreme Force
on British Coasts.

Lerwick
3am-3am. Extreme ESE. 6

Malin Head
1am-3am. Squalls NW. 9

Portland Bill
3am-11am. Extreme SW. 3.

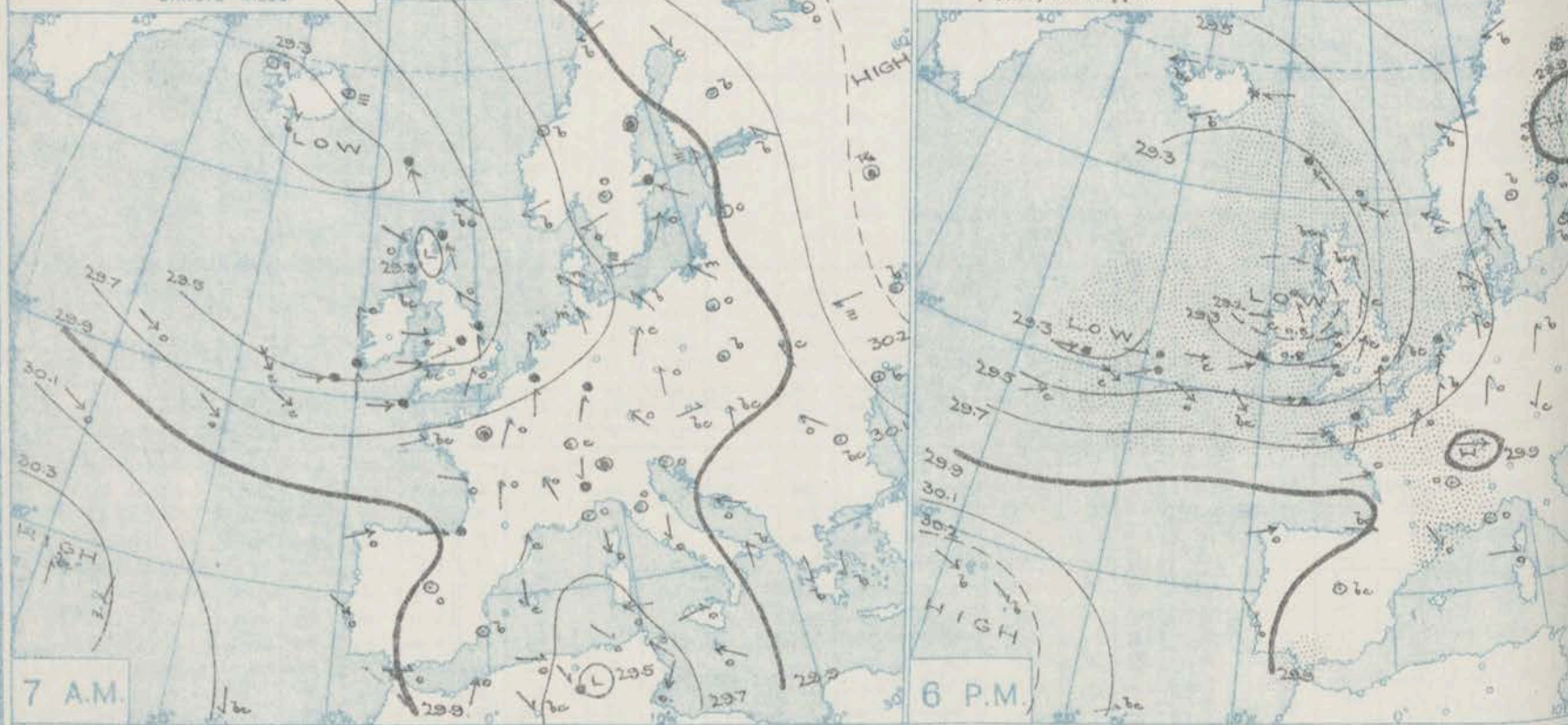
* Information for these columns not usually received.

† Received too late for insertion in Charts.

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

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.

Two deep depressions near our western coasts will produce boisterous

conditions in all parts of these islands.

FORECASTS FOR THE 24 HOURS NOON

TO NOON

0 {
a fresh to strong, a gale at times in places;
b squally, changeable, some rain; fair or fine intervals, cool

1 {

2 {
a Wind between south and West,
b fresh to strong or high, a gale at

3 {
a times in places; changeable, squally
b some rain, fair or fine intervals,

4 {
a cool.
b

5 {

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

SOUTH CONE HOISTED
On all coasts at 8 1/2 a.m. to-day.

6 {
a
b

7 {
a
b

8 {
a
b

9 {
a
b

10 {
a
b

Same as Nos. 1 to 5.

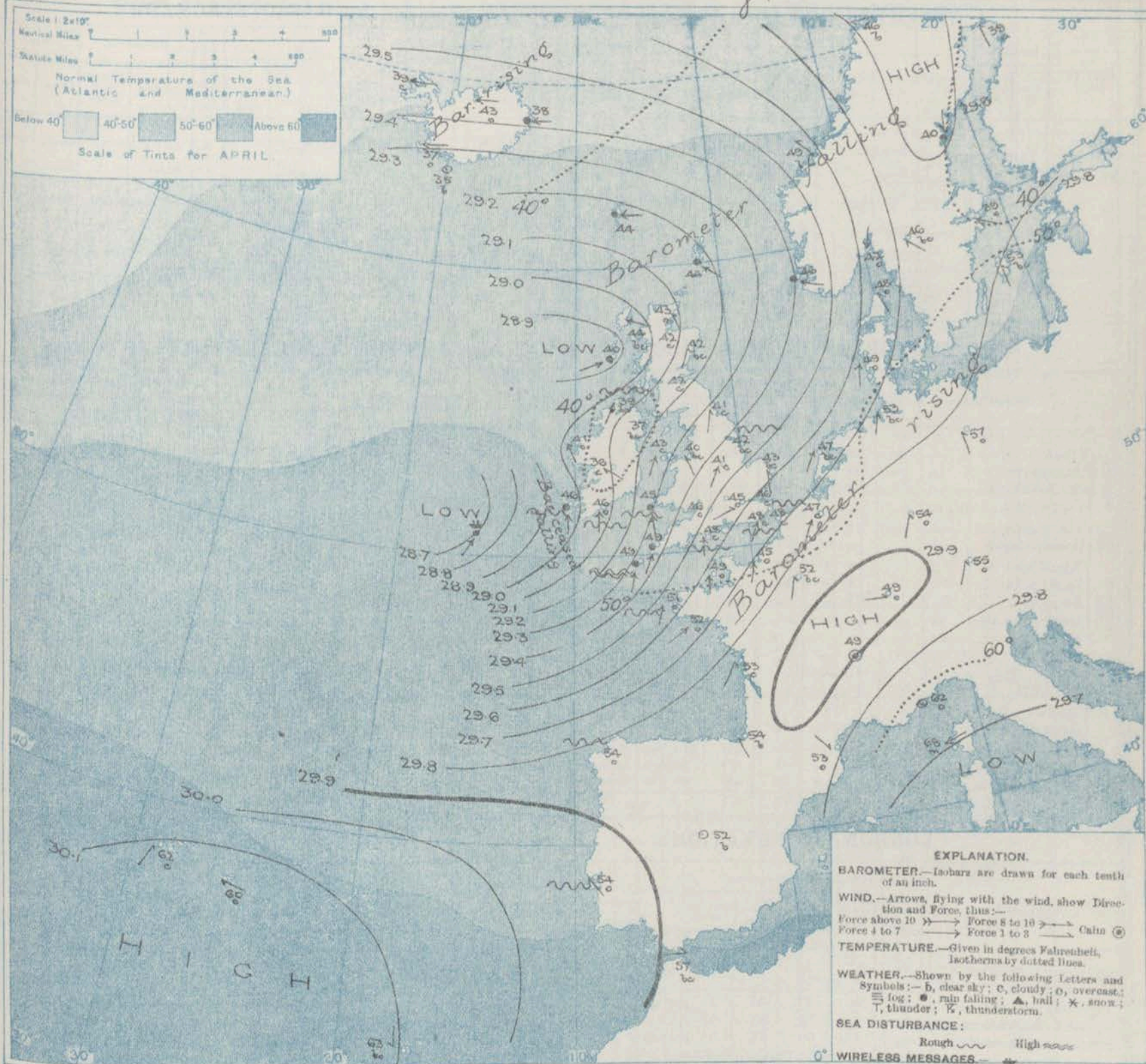
THE FURTHER OUTLOOK (All Districts)

Conditions remaining unsettled generally.

11 WESTERN CHANNEL AND BAY.

Southerly to Westerly winds, fresh to high, a gale at times; rough sea; squally, changeable, some rain, mist or fog; fair intervals; cool.

7



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The region of highest pressure, with the barometer above 30.1 in., lies in the neighbourhood of the Azores. In the course of the past night deep depressions have approached our western coast, and the barometer is now below 28.9 in. off the Kerry coast and in the Southern Hebrides. The gradient is rather steep across the British Isles, moderate to slight in other regions.

South Easterly to Easterly winds prevail from the Baltic across to Iceland, southerly and South-Westerly over the rest of our area. A fresh to strong wind is reported in many

localities, a high wind off Queenstown Harbour and in the North-west of Iceland. At the home stations temperature ranges from 36° at Birr Castle to 48° or 49° along the Channel; on the Continent from 45° at St. Pierre to 62° at Nice; in Scandinavia from 33° at Apataranda and Stockholm to 53° at Wisby; and in Iceland from 35° to 43° . At Spitzbergen the reading is 16° . Throughout our area the weather is in a very changeable state, rain falling at a number of our western stations and between the south of Norway and Iceland. A high sea is running off Scilly, rough off Queenstown and Dover, and rather rough in many other localities.

DAILY WEATHER REPORT.

Saturday, 26th April, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
26th, 7 a.m.	51	15	<i>Corsican</i>	H	28.70	-0.6	SW	6-7	r	25th, 7 a.m.	46	30	<i>Island</i>	H	30.08	-11	WNW	4-5	c
25th, 6 p.m.	47	26	<i>Island</i>	H	29.64	-0.8	WSW	4-5	c	"	51	27	<i>Island</i>	H	29.62	-12	WNW	6-7	c
"	50	24	<i>Lake Michigan</i>	O	29.24	-1.9	W	6-7	r	"	48	20	<i>Majestic</i>	H	29.78	+0.4	WNW	6-7	c
"	49	21	<i>Olympic</i>	O	?	-21	WNW	8-9	c	"	50	16	<i>Ulltonia</i>	O	29.58	-0.4	WNW	8-9	c
"	51	15	<i>Montcalm</i>	O	29.42	-0.2	W	6-7	c	"	49	15	<i>Montcalm</i>	H	29.58	00	WNW	6-7	c
"	49	15	<i>Majestic</i>	H	29.54	-0.5	WNW	6-7	c	"	51	12	<i>Montcalm</i>	O	29.46	-0.7	WNW	6-7	c
"	49	11	<i>Montcalm</i>	H	29.47	+1.0	NW	6-7	bc	"	51	12	<i>Haverford</i>	O	29.48	-0.8	W	6-7	r

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	0.35	56	43	bc	bc	7.0	England, S.E.	Margate	0.02	58	47	bc.b.	b.b.	6.3
	Stonehaven	0.14	56	46	b.c.	b	5.7		Ramsgate	0.01	56	46	bc.b.	bc.c.	6.3
	St. Andrews	0.01	53	45	c	bc	2.2		Deal	0.01	54	46	bc.b.	b.b.	7.0
	Carnoustie	0.01	57	45	c.c.	c.c.	1.0		Folkestone	0.03	54	46	b	bc.og	6.7
England, N.W.	Harrogate	0.12	53	45	c.c.	c.og	6.6	England, S.W.	Littlestone	0.02	54	46	bc.c.	b.b.c.	7.1
	Scarborough	0.10	54	44	bc.c.	bc.c.	4.2		Hastings	0.02	53	47	bc	bc.c.	7.0
	Blackpool	0.14	50	43	bc.c.	bc	2.0		Bexhill-on-Sea	0.03	54	46	b	bc.og	6.7
	Southport	0.01	53	47	o	o	2.6		Eastbourne	0.03	52	41	r.b.c.	b.c.	6.1
Wales.	Buxton	0.03	54	42	fine	fine	3.3	England, S.W.	Seaford	0.02	53	49	bc	bc.c.	6.0
	Leamington Spa	0.06	55	44	bc	bc	5.5		Brighton	0.04	54	48	b.b.	bc.c.	5.9
	Douglas	0.10	54	43	c.b.	c.b.	4.7		Worthing	0.04	54	48	b.b.	bc.c.	5.9
	Rhyl	0.13	52	43	c.c.b.	c.c.	3.0		Littlehampton	0.04	54	48	b.b.	bc.c.	5.9
England, E.	Colwyn Bay	0.02	54	46	bc.c.	bc.c.	4.7	England, S.W.	Bognor	0.07	55	47	bc	c.b.	7.2
	Llandudno	0.02	58	47	m.c.b.	bc.c.	5.0		Southsea	0.25	54	46	bc.b.	c.c.	6.5
	Bettws-y-Coed	0.02	55	46	bc.c.	bc.c.	4.9		Bournemouth	0.15	55	41	b.	bc.c.	3.4
	Aberystwyth	0.02	57	47	b	b	5.5		Weymouth	0.19	55	44	bc.c.	c	5.0
England, E.	Lowestoft	0.02	54	46	bc.c.	bc.c.	4.7	England, S.W.	Teignmouth	0.20	53	43	bc	r	4.4
	Felixstowe	0.02	58	47	m.c.b.	bc.c.	5.0		Torquay	0.22	54	40	bc	r.b.	2.1
	Walton-on-Naze	0.02	55	46	bc.c.	bc.c.	4.9		Paignton	0.39	52	42	bc.c.	r.b.	2.1
	Southend-on-Sea	0.02	57	47	b	b	5.5		Ilfracombe	0.15	54	45	bc.b.	m.b.c.	3.0

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.	
	%	%	Max.	Min.		24 HOURS ENDED 9 A.M. TO-DAY.			
Greenwich (Royal Obs.)	58	73	59	39	0.24	c.c.	c.c.	c.c.	4.0
City (Bunhill Row)	58	73	59	39	0.24	c.c.	c.c.	c.c.	2.5
Westminster (St. James's Pk.)	70	84	57	41	0.14	c	c	c	2.5
Camden Sq. (Brit. Rainfall)	54	72	58	39	0.14	bc.c.	bc.c.	c.c.	3.5
Hampstead (Reservoir)	54	76	54	38	0.15	c	c	c.c.	3.6
Kew. (See front page.)	54	76	54	38	0.15	c	c	c.c.	3.6
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.									
Total.			Average Rate.		Max. Rate.				
S. Kensington (Roof of M.O.)			867 Joules.		167 Milliwatts.		73 Milliwatts.		2.8

Additional Observations for Yesterday.

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.	
		Max.	Min.				
Dublin to 4 p.m.	0.14	53	41	37	b.	c.c.	4.0
Plymouth to 9 p.m.	0.25	51	41	38	bc.c.	bc.c.	1.7
Darwen	0.26	50	36	41	bc.c.	bc.c.	2.0
Manchester	0.11	52	38	40	bc.c.	bc.c.	2.0
Birmingham	0.11	52	38	40	bc.c.	bc.c.	2.0
Oxford to 8 p.m.	0.11	52	38	40	bc.c.	bc.c.	2.0
S. Kensington (Museum Grounds to 6 p.m.)	0.04	62	48	43	bc.c.	bc.c.	2.8

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

26th & 27th April 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.35 4.33	G.M.T. 11.51 11.51	G.M.T. 7.6 7.8
Greenwich	4.45 4.43	11.58 11.58	7.11 7.13
Wick	4.35 4.32	12.10 12.10	7.45 7.48
Valencia	5.25 5.22	12.39 12.39	7.54 7.56

During yesterday temperature remained below 55° in most parts of the British Isles, but it reached 58° at Felixstowe and Margate. Rain has fallen everywhere, more than 2 in. in South and Central Ireland, but in small quantities elsewhere. Locally in the west hail or sleet was reported. There was more or less bright sunshine at all stations, about 4 hours on the south coast and at Oban. A gale was felt at Lerwick and Portland Bill. As far west as the 32nd meridian ships experienced westerly and North westerly winds, fresh to a gale, with cloudy 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; 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.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,
27th April, 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		TEMP.		WEATHER.		Rain- fall.	Sea (0 to 9).	Sun- shine for Yester- day.				
	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.			
Lerwick	In.					In.	In.							In.					Hours				
Stornoway	29.25	45	SE	5	c	29.21	+0.6	46	+2	ESE	6	r	4	0.68	47	39	or	c	or	6.8			
Castlebay (Barra Isd.)	28.89	45	SE	7	r	28.97	+1.0	43	-1	SSE	7	bc	6	0.10	48	42	bc	bc	bc	1.2			
Malin Head...	28.64	44	E	5	r	28.98	+1.0	43	+3	SSW	5	cp	6	0.31	47	38	cp	or	or				
Blacksod Point	28.54	48	S	6	emp	29.03	+1.0	40	+1	SSW	5	bc	4	0.12	48	32	emp	emp	emp				
Valencia	28.70	44	WNW	8	r	28.96	0.0	44	+3	S	4	c	4	0.47	49	38	or	or	or				
Roches Point ...	28.99	45	WSW	5	bc	29.02	0.0	40	-6	E	1	bc	4	0.26	50	37	or	or	or	4.7			
Birr Castle	29.03	47	WSW	5	c	29.06	0.0	43	-3	S	2	c	4	0.36	50	41	r	or	or				
Donaghadee ...	28.89	44	W	6	c	29.05	0.0	38	+2	SE	2	c	4	0.03	53	35	or	c	c	0.0			
Liverpool Obsy.	28.81	49	SW	5	c	29.14	+0.3	40	+3	SW	2	bc	2	0.67	49	37	emp	or	bc				
Holyhead	29.08	49	SSE	5	r	29.19	0.0	43	+3	ESE	3	r	2	0.64	52	40	bc	or	or	1.1			
Pembroke (St. Ann's Hd.)	28.99	48	S	7	o	29.13	0.0	48	+5	SE	3	c	2	0.43	50	42	emp	emp	emp	0.1			
Newquay	29.11	47	W	5	r	29.10	-0.3	47	+2	S	5	emp	5	0.79	50	42	emp	emp	emp	0.0			
Scilly (St. Mary's)	29.19	50	S	6	ord	29.17	0.0	48	-1	S	2	emp	4	0.64	51	47	or	or	or	0.0			
Jersey (St. Aubin)	29.18	50	SW	5	emp	29.11	0.0	48	-1	SSW	4	cp	6	0.91	51	43	emp	emp	emp	0.0			
Portland Bill ...	29.52	56	SSW	5	eg	29.46	0.0	53	+4	SSE	5	c	4	0.01	58	48	eg	eg	eg	2.0			
Dungeness	29.26	52	SSW	7	o	29.33	0.0	51	+3	SSW	7	o	6	0.10	52	48	c	c	c				
Dover	29.55	52	SSE	4	c	29.51	+0.1	52	+4	SSE	4	c	4	0.55	47	46	c	c	c				
Wick	29.61	53	S	5	c	29.55	0.0	51	+4	S	4	c	6	0.53	46	46	c	c	c	4.0			
Nairn	29.04	42	SSE	6	r	29.11	+0.9	44	+1	SSW	4	bc	6	0.05	48	42	emp	emp	emp				
Aberdeen	28.94	45	E	3	c	29.11	0.0	44	+2	S	3	bc	2	0.02	53	38	bc	bc	bc	5.8			
Leith	29.05	45	SSE	6	r	29.21	+0.5	43	+1	S	3	b	3	0.17	49	40	bc	c	or	4.3			
North Shields	29.05	50	S	5	r	29.19	+0.5	43	+1	S	2	c	8	0.05	51	41	b	c	or				
Spurn Head	29.45	50	S	5	r	29.19	+0.5	43	+1	S	2	c	8	0.05	51	41	b	c	or				
Yarmouth	29.13	52	SSE	5	of	29.26	+0.4	43	+2	ESE	2	r	3	0.32	53	38	r	r	or	3.6			
Clacton-on-Sea	29.29	52	S	8	c	29.32	+0.5	51	+9	S	7	cp	6	0.06	53	41	cp	cp	cp	4.1			
Nottingham	29.50	51	S	5	o	29.52	+0.2	52	+9	S	4	c	4	0.53	47	42	bc	bc	bc	1.6			
Bath	29.50	52	SSE	6	c	29.50	0.0	51	+5	SSE	4	c	4	0.53	46	46	c	c	c	1.4			
London (Kew Obsy.)	29.32	52	S	6	r	29.32	0.0	52	+12	S	5	o	8	0.04	54	40	cp	cp	cp	2.0			
Isafjord	29.24	51	SSW	5	r	29.23	0.0	53	+7	S	7	o	8	0.30	54	48	o	o	o	6.0			
Reykjavik	29.46	55	S	5	o	29.45	0.0	54	+9	S	5	o	8	0.06	55	45	o	o	o				
Vestmanna	29.57	38	NE	9	o									0.06	55	45	o	o	o	2.5			
Seydisfjörður	29.19	46	E	1	o									0.06	55	45	o	o	o				
Thorshavn	29.18	43	E	4	o									0.06	55	45	o	o	o				
Haparanda	29.50	39	E	3	o	29.38	-0.4	37	-1	SNE	6	o	8	0.06	55	45	o	o	o				
Hernösand	29.08	44	E	5	o	28.93	+0.6	45	+1	ESE	6	bc	8	0.06	55	45	o	o	o				
Stockholm	29.84	33	SW	4	o	29.94	+0.4	32	-7	NE	2	bc	8	0.12	45	30	bc	bc	bc				
Wisby	29.85	36	-	0	r	29.99	+0.5	40	0	-	0	b	8	0.12	50	34	bc	bc	bc				
Karlstad	29.26	49	SW	2	c	30.04	+0.4	49	+10	NW	2	bc	8	0.12	57	39	bc	bc	bc				
Färder (X'ania Fjord)	29.86	52	SW	2	b	30.03	+0.4	47	-6	NNE	2	b	8	0.12	54	39	bc	bc	bc				
Bodö	29.88	43	-	0	c	30.05	+0.4	42	-4	-	0	b	8	0.12	54	39	bc	bc	bc				
Christiansund	29.81	43	SW	3	bc	29.98	+0.2	41	-1	NE	4	bc	3	0.16	46	41	bc	bc	bc				
Skudesnaes	29.69	46	E	2	b	29.85	+1.0	41	-5	SW	4	c	2	0.16	54	39	bc	bc	bc				
The Scaw (Skagen)	29.66	44	SSE	6	o	29.78	+0.3	46	-3	SE	2	o	4	0.32	57	39	bc	bc	bc				
Blaavands Huk ...	29.66	44	SSE	6	o	29.66	+0.2	48	+2	SE	6	o	5	0.32	57	39	bc	bc	bc				
Cuxhaven	29.85	45	W	1	b	29.94	+0.3	47	-1	ESE	3	b	0	0.30	54	48	o	o	o				
The Helder	29.79	45	SSE	2	o	29.80	+0.2	52	+3	SE	4	bc	2	0.30	52	45	bc	bc	bc				
Brussels	29.81	53	S	2	o	29.78	0.0	52	-1	E	3	b	8	0.30	59	46	bc	bc	bc				
Berlin	29.72	51	S	4	b	29.67	0.0	55	+8	SSE	4	b	8	0.30	61	46	bc	bc	bc				
Frankfurt	29.58	60	SE	1	bc	29.81	0.0	54	-3	E	3	c	8	0.30	66	50	bc	bc	bc				
Munich	29.79	54	NE	1	b	29.75	+0.1	55	+1	NE	1	b	8	0.30	66	50	bc	bc	bc				
C. Gris Nez	29.76	57	-	0	b	29.74	+0.1	56	+1	S	2	bc	8	0.30	66	50	bc	bc	bc				
La Hève	29.59	57	SSE	5	c	29.56	0.0	55	+7	SSE	5	bc	3	0.30	59	48	bc	bc	bc				
Brest (St. Mathieu)	29.56	54	S	5	o	29.55	0.0	53	+8	SSE	4	bc	3	0.30	57	48	bc	bc	bc				
Lorient (Bec Melon)	29.40	51	SSW	7	r	29.36	+0.1	51	0	SSW	5	m	5	0.16	54	48	bc	bc	bc				
Rochefort (Ile d'Alx)	29.52	54	S	6	o	29.44	0.0	54	+2	S	6	o	5	0.08	55	45	bc	bc	bc				
Biarritz	29.69	57	SSW	2	bc	29.58	-0.1	51	-2	SSE	3	c	8	0.30	59	48	bc	bc	bc				
Paris	29.64	64	E	2	b	29.62	+0.1	62	+5	SSW	3	b	4	0.30	66	54	bc	bc	bc				
Belfort	29.71	58	S	3	b	29.67	+0.1	54	+2	SSE	2	b	8	0.30	59	44	bc	bc	bc				
Lyons	29.79	58	E	4	c	29.80	0.0	50	+1	-	0	m	8	0.30	64	48	bc	bc	bc				
Nice	29.79	59	-	0	o	29.76	0.0	53	+4	-	0	bc	8	0.30	64	46	bc	bc	bc				
Perpignan	29.70	58	E	1	o	29.74	+0.3	57	-5	-	0	o	3	0.20	64	52	bc	bc	bc				
Sanguinaire	29.76	55	W	1	o	29.75	+0.2	54	+1	SW	1	bc	8	0.04	59	48	bc	bc	bc				
Corunna (8 a.m.)	29.67	57	WSW	6	o	29.55	0.0	57	+3	SW	3												

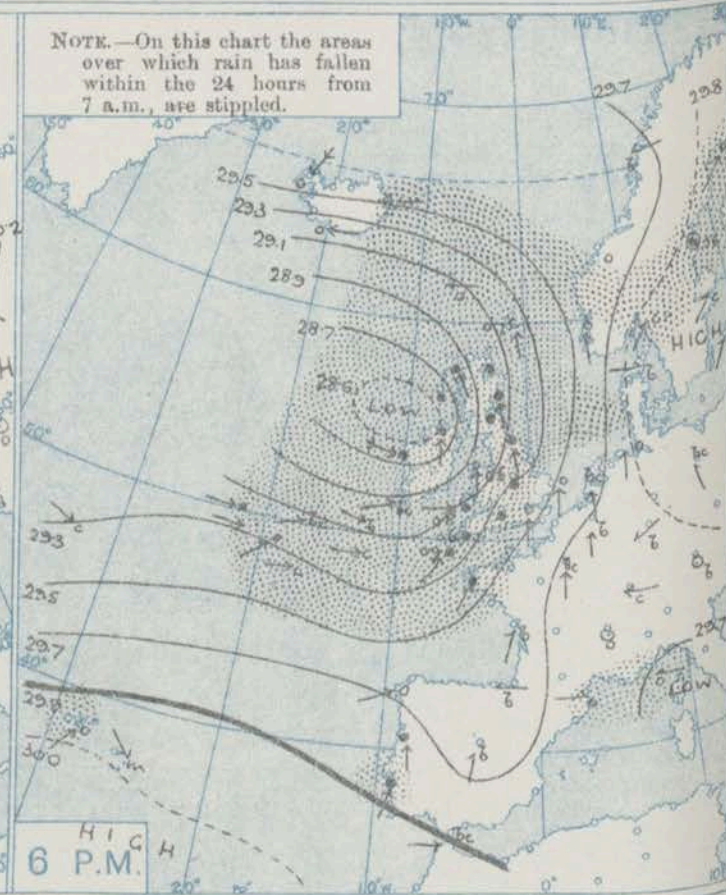
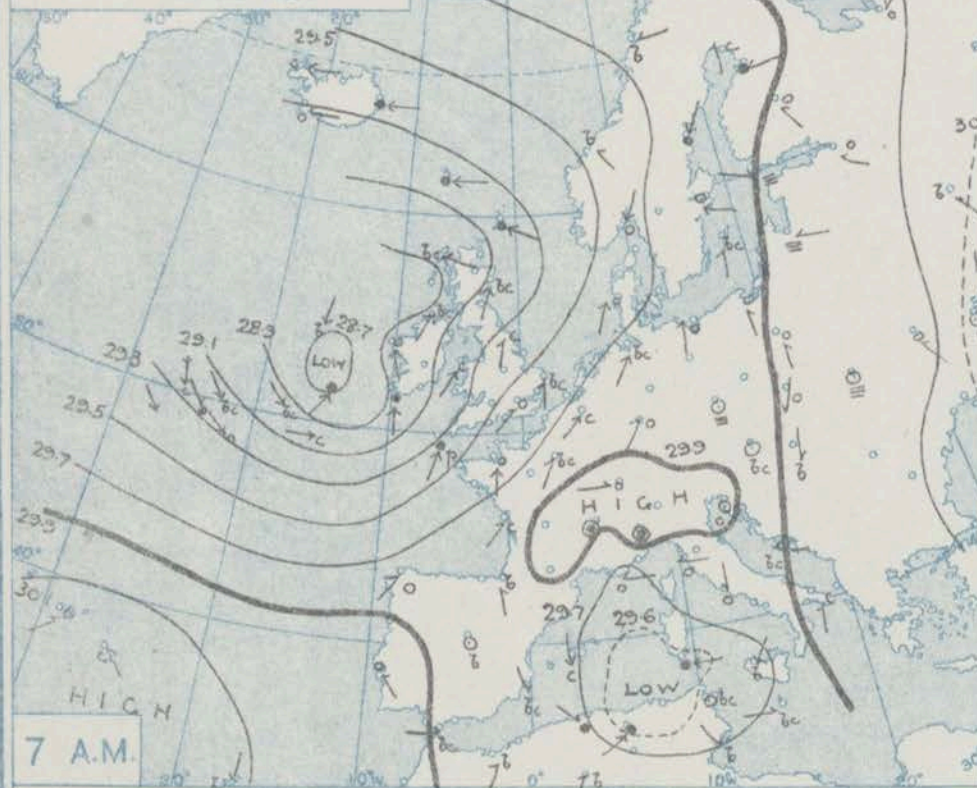
* Information for these columns not usually received.

† Received too late for insertion in Charts.

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

SCALE
NAUTICAL MILES
STATUTE MILES

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



GENERAL INFERENCE

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SUNDAY

TO NOON MONDAY.

0 { a
b

1

2 { a
b

3

4 { a
b

5

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

SOUTH CONE HOISTED on all coasts at 8.20 a.m. yesterday.

6 { a
b

7 { a
b

8 { a
b

9 { a
b

10 { a
b

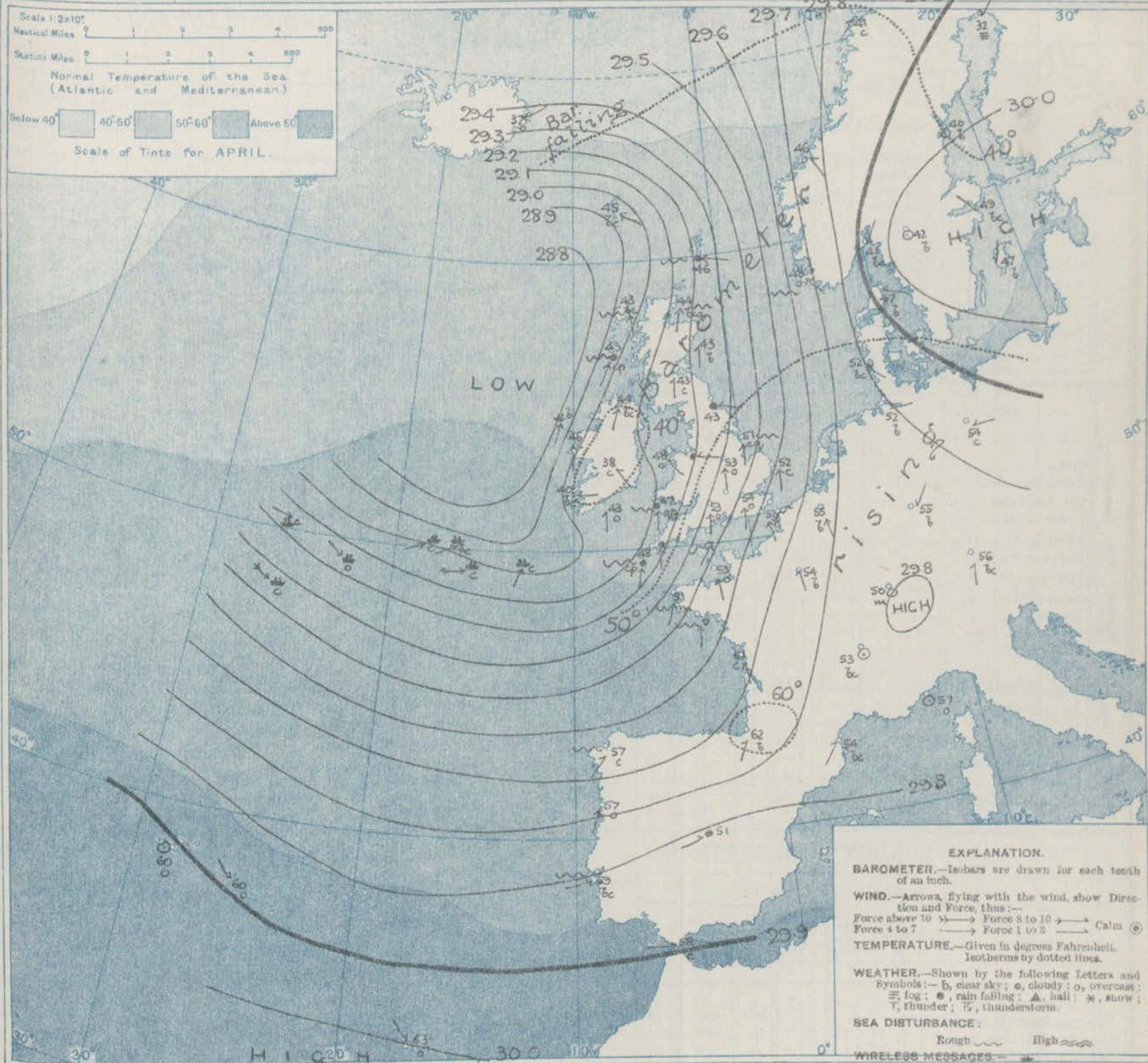
11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

None issued -

None issued -

SYNOPTIC CHART FOR 7 A.M. SUNDAY, 27TH APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The deep and complex depression of yesterday is now withdrawing to the upper part of the Atlantic, the barometer is rising, but it is still as low as 28½ in. off the north-west of Ireland. Pressure is highest, above 30 in., over Southern Sweden and it is 30 in. at Madeira. The gradient is steep in many regions.

Winds from South Easterly and Easterly directions prevail from North Germany across to Iceland, Southerly over the British Isles and Western Europe, Southerly to North Westerly on the Atlantic, as far westward as the 28th meridian. The force is very variable, light in

many places, strong or high in others, a gale locally on the ocean. Over the British Isles temperatures range from 38° at Birr Castle to 54° at Kew Observatory; on the Continent from 51° at Brest and Rochefort to 62° at Biarritz; and in Scandinavia from 32° at Skaparsa to 45° at Stockholm. In Iceland it is 37°. Fine weather is very prevalent over the Continental countries, but over the British Isles it is very variable, mostly cloudy to overcast, showery and squally. A rough sea is running on several sections of our coasts.

DAILY WEATHER REPORT.

Sunday, 27th April, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
27th, 7 a.m.	49	12	<i>Zealand</i>	H	29.25	-0.3	SW	4-5	c	26th, 6 p.m.	55	11	<i>Coloedonia</i>	H	28.40	-0.9	NW	6-7	o
	54	11	<i>California</i>	O	28.75	0.0	SSW	6-7	b		51	11	<i>Corsican</i>	H	28.83	+1.5	W	3-4	o
26th, 6 p.m.	47	32	<i>Olympic</i>	O	29.29	+0.6	WNW	6-7	c		48	27	<i>Olympic</i>	O	29.22	+0.4	NW	6-7	o
	49	22	<i>Rowford</i>	O	29.16	-0.2	W	6-7	o		50	25	<i>Saint Michigan</i>	O	29.22	+0.4	NW	6-7	o
	50	22	<i>Sicilian</i>	H	29.20	-0.8	W	6-7	f		50	25	<i>Sicilian</i>	H	29.24	-0.7	NW	8-9	c
	51	21	<i>Montcalm</i>	O	29.09	-0.1	W	4-5	f		49	23	<i>Assoma</i>	H	29.19	0.0	NW	4-5	bc
	49	19	<i>Assoma</i>	H	29.09	-0.8	WSW	1-3	f		50	22	<i>Altona</i>	O	29.16	+1.2	NW	6-7	o
	50	17	<i>Gedre</i>	O	?	?	WSW	4-5	bc		48	21	<i>Zealand</i>	H	29.26	-0.5	NW	6-7	o
	48	17	<i>Zealand</i>	H	29.20	+0.3	W	4-5	c		50	18	<i>Rowford</i>	O	29.06	+0.8	NW	6-7	bc
	50	13	<i>Assoma</i>	O	29.08	+0.4	WNW	4-5	b		54	16	<i>Coloedonia</i>	H	28.74	-0.5	NNE	4-5	o
	49	12	<i>Misaki</i>	O	29.23	+0.1	W	4-5	c	27th	49	15	<i>Assoma</i>	H	28.99	+0.2	W	4-5	o
	55	11	<i>Zealand</i>	O	28.54	+0.8	WNW	6-7	T										

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

STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.	Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
		Max.	Min.	Forenoon.	Afternoon.				Max.	Min.	Forenoon.	Afternoon.	
Scotland.	In.					Hr.	(Margate ...)	In.					Hr.
Oban ...	0.14	49	35	bc. r	f	2.2	Ramsgate ...	0.17	54	42	bc. c.	bc. c.	3.5
Stonehaven ...							Deal ...	0.21	58	40	bc. c.	bc. c.	4.3
St. Andrews ...							Folkestone ...	0.27	53	42	bc. c.	bc. c.	3.4
Carnoustie ...							Littlestone ...						3.6
England, N.E.							Hastings ...	0.32	54	42	bc. c.	bc. c.	2.7
Harrogate ...							Bexhill-on-Sea ...	0.27	53	44	bc. c.	bc. c.	2.5
Scarborough ...							Eastbourne ...	0.34	54	42	bc. c.	bc. c.	1.5
England, N.W.							Seaford ...	0.23	54	43	bc. c.	bc. c.	1.1
Blackpool ...	0.12	52	40	bc. o.	bc. o.	1.8	Brighton ...	0.12	53	44	bc. c.	bc. c.	1.8
Southport ...	0.05	53	37	bc. o.	bc. o.	1.6	Worthing ...	0.23	54	43	bc. c.	bc. c.	1.7
Buxton ...	0.21	41	34	bc. o.	bc. o.	0.3	Littlehampton ...						
Learmonth 3 p.m.	0.13	53	?	bc. o.	bc. o.	1.3	Bognor ...						
Douglas ...							Southsea ...						
Wales.							Bournemouth ...	0.29	53	40	bc. c.	bc. c.	0.0
Rhyl ...							Weymouth ...	0.13	53	40	bc. c.	bc. c.	0.0
Colwyn Bay ...	0.43	53	38	bc. o.	bc. o.	0.5	Teignmouth ...	0.51	53	40	bc. c.	bc. c.	0.0
Llandudno ...							Torquay ...						
Bettws-y-Coed ...							Paignton ...	0.58	53	39	bc. c.	bc. c.	0.1
Aberystwyth ...	0.26	52	40	bc. o.	bc. o.	0.0	Ilfracombe ...	?	54	39	bc. c.	bc. c.	0.0
England, E.							Weston-super-Mare ...						
Lowestoft ...	0.09	54	42	bc. o.	bc. o.	2.2							
Felixstowe ...	0.09	52	47	bc. o.	bc. o.	2.3							
Walton-on-Naze ...	0.03	56	42	bc. o.	bc. o.	1.7							
Southend-on-Sea ...													

LONDON OBSERVATIONS.

Additional Observations for Yesterday.

STATIONS.	HUMIDITY.		TEMPERATURE.			Rain-fall.	WEATHER.			Sun-shine for Yesterday.	STATIONS.	RAIN-FALL.	TEMPERATURE.			WEATHER.			Sun-shine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.		Min. on Grass.		Fore-noon.	After-noon.	Night.				In Screen.	Night Min. on Grass.	Night.	Fore-noon.	After-noon.		
			Max.	Min.		Max.				Min.									
	24 HOURS ENDED 9 A.M. TO-DAY.																		
Greenwich (Royal Obs.) ...	72	70	60	51	47	0.02	c. o.	bc. c.	c. o. p. o.	2.5	Dublin to 4 p.m.	0.23	55	36	33	sq. b.	c. o.	q. b.	0.0
City (Bunhill Row) ...	"	"	"	"	"	"	"	"	"	1.7	Plymouth to 9 p.m.	0.72	51	39	38	o	o.	o.	1.0
Westminster (St. James's Pl.)	91	84	59	51	48	0.02	bc. o.	o. o.	o. d. o.	2.5	Darwen	0.17	48	33	33	bc. c.	bc. c.	o.	0.7
Camden Sq. (Brit. Rainfall)	71	67	59	50	47	0.04	c. bc. o.	o. o.	o. o. bc.	1.5	Manchester	0.09	53	37	"	bc. c.	o.	o.	0.3
Hampstead (Reservoir) ...	"	77	55	48	43	0.07	c	c. o.	d. o. c.	1.9	Birmingham	0.39	49	35	28	o	o	o.	0.3
Kew. (See front page.)			VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																
			Total.		Average Rate.		Max. Rate.												
S. Kensington (Roof of M.O.)	82	73	1052 Joules.		199 Milliwatts.		63 Milliwatts.		2.3	S. Kensington (Museum Grounds to 6 p.m.)	0.16	56	40	34	34	c. bc.	bc. c. p.	c. o. o.	

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

	27th & 28th April, 1913.		
	Sunrise.	Noon.	Sunset.
Yarmouth ...	G.M.T. 4.35 L.M.T. 4.30	G.M.T. 11.51 L.M.T. 11.50	G.M.T. 7.18 L.M.T. 7.10
Greenwich ...	G.M.T. 4.43 L.M.T. 4.41	G.M.T. 11.58 L.M.T. 11.57	G.M.T. 7.13 L.M.T. 7.15
Wick ...	G.M.T. 4.32 L.M.T. 4.29	G.M.T. 12.10 L.M.T. 12.9	G.M.T. 7.48 L.M.T. 7.50
Valencia ...	G.M.T. 5.22 L.M.T. 5.20	G.M.T. 12.39 L.M.T. 12.38	G.M.T. 7.56 L.M.T. 7.57

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature was below the normal over the United Kingdom, ranging from 47° in the north of Scotland to 58° at Jersey and Deal. Rain fell nearly everywhere, heavily at some western stations and in Shetland, as much as 0.9 in. at Scilly. The bright sunshine records were mostly small, none in several instances, but Stomoway had 6 3/4 hours. A gale to a strong gale was experienced on various sections of our coasts. As far west as the 33rd meridian ships had South-West to North-West and North-East winds, moderate to strong or a gale, with changeable weather, rain at times.

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

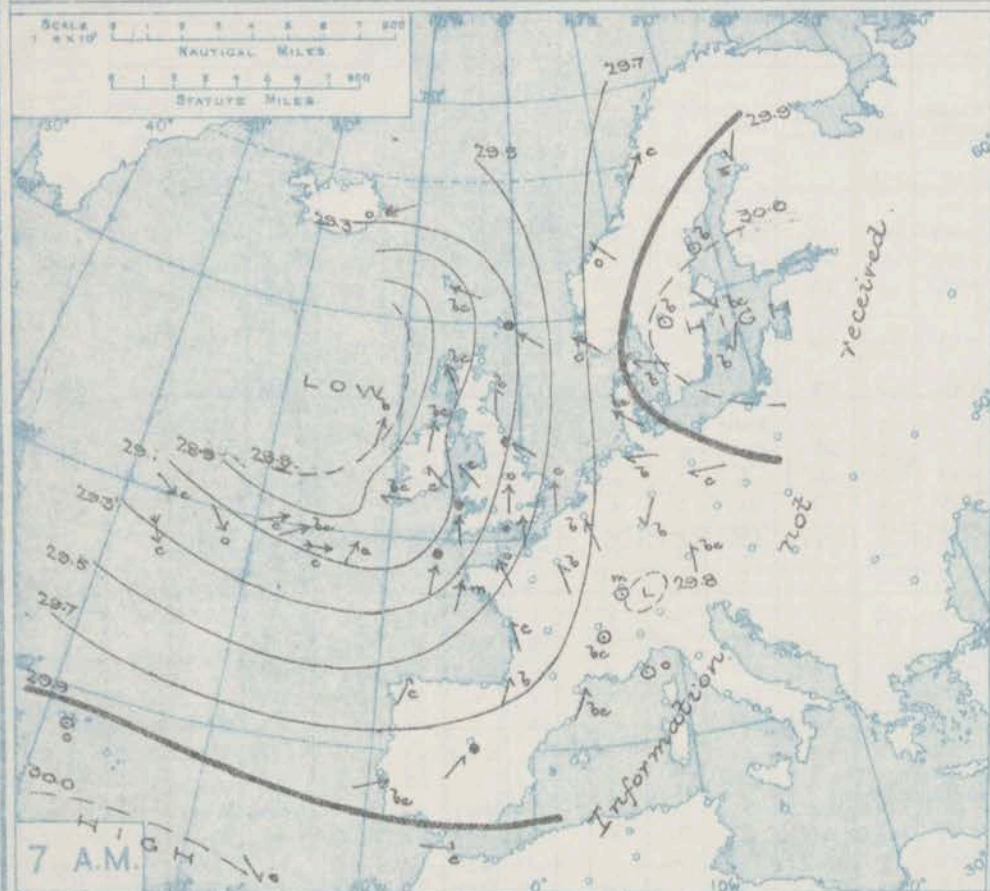
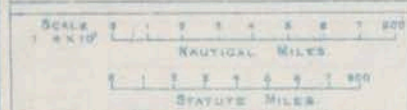
Monday
28th April, 1913.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day.
		Barom.	TEMP.	WIND.	Force	Weather.	Barometer.	TEMP.	WIND.	Force	Weather.	Sea	Rain- fall.	TEMP.		WEATHER.						
														Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.				
At 32° Fahr. and M.S.L. Lat. 46°.		Dry Bulb.	Dir.	(0 to 12).		At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Dir.	(0 to 12).		(0 to 2).									
Spitzbergen ...		29.28	5	-	0	b	30.40	+0.3	-2	-	0	b	2	-	10	-11	*	*	*			
Lerwick ...		In.				In.	In.							In.					Hours			
Stornoway ...		29.34	47	ESE	9	r	29.53	+0.5	46	0	SE	5	0.58	47	42	0.09	0.09	0.09	*			
Castlebay (Barra Isd.) ...		29.11	42	ESE	3	b	29.40	+0.7	46	+3	S	5	0.13	51	38	0.09	0.09	0.09	6.4			
Malin Head ...		29.08	47	S	5	by	29.30	+0.2	44	+4	S	6	0.01	46	39	0.09	0.09	0.09	5.8			
Blacksod Point ...		29.11	45	SSW	4	c	29.30	+0.6	45	+5	S	4	0.37	51	38	0.09	0.09	0.09	*			
Valencia ...		29.11	45	SSW	4	c	29.30	+0.6	45	+5	S	4	0.37	51	38	0.09	0.09	0.09	7.3			
Roche's Point ...		29.20	49	SSW	4	c	29.35	-	47	+4	SSW	4	0.17	51	42	0.09	0.09	0.09	*			
Birr Castle ...		29.13	48	S	3	c	29.34	-	43	+5	SSE	2	0.12	54	37	0.09	0.09	0.09	7.3			
Donaghadee ...		29.20	47	WSW	3	c	29.44	+0.8	46	+6	S	2	0.20	49	40	0.09	0.09	0.09	*			
Liverpool Obsy. ...		29.31	46	S	3	r	29.60	+0.5	46	+3	SE	3	0.26	55	42	0.09	0.09	0.09	*			
Holyhead ...		29.25	48	S	4	o	29.51	+0.2	48	0	S	6	0.06	51	43	0.09	0.09	0.09	1.2			
Pembroke (St. Ann's Hd.) ...		29.29	47	SSW	5	a	29.51	+0.6	48	+1	S	4	0.10	50	43	0.09	0.09	0.09	1.5			
Newquay ...		29.36	49	S	3	c	29.55	+0.5	49	+1	S	3	0.38	54	44	0.09	0.09	0.09	2.2			
Silly (St. Mary's) ...		29.23	49	SW	4	cp	29.50	+0.3	49	+1	S	4	0.15	53	46	0.09	0.09	0.09	2.0			
Jersey (St. Aubin) ...		29.53	57	S	3	og	29.74	-	53	0	SSE	4	0.01	59	52	0.09	0.09	0.09	2.8			
Portland Bill ...		29.43	52	SSE	5	c	29.67	+0.5	51	0	SSE	4	0.03	53	49	0.09	0.09	0.09	1.3			
Dungeness ...		29.55	55	SSW	3	c	29.77	+0.5	53	+1	SSW	3	-	54	51	0.09	0.09	0.09	*			
Dover ...		29.56	58	SSW	4	bc	29.79	-	57	+6	SSE	4	-	63	51	0.09	0.09	0.09	9.3			
Wick ...		29.19	47	SE	5	o	29.48	+0.8	45	+1	S	4	0.04	47	42	0.09	0.09	0.09	*			
Nairn ...		29.17	52	SSW	5	c	29.48	-	47	+3	SW	1	-	55	39	0.09	0.09	0.09	*			
Aberdeen ...		29.28	47	SSE	4	bc	29.60	+0.9	46	+3	S	3	0.37	48	41	0.09	0.09	0.09	6.7			
Leith ...		29.20	54	S	5	bc	29.54	+0.5	48	+5	S	2	0.06	55	42	0.09	0.09	0.09	3.6			
North Shields ...		29.32	55	S	2	c	29.65	+0.4	45	+2	SSE	3	0.19	57	40	0.09	0.09	0.09	*			
Spurn Head ...		29.41	56	SSE	7	c	29.72	+1.0	50	-1	S	5	0.09	58	42	0.09	0.09	0.09	3.0			
Yarmouth ...		29.53	52	SSE	3	bc	29.79	+1.0	50	-2	S	3	-	57	49	0.09	0.09	0.09	3.1			
Clacton-on-Sea ...		29.52	56	SSE	3	c	29.78	+0.7	52	+1	SSE	2	-	57	51	0.09	0.09	0.09	5.8			
Nottingham ...		29.40	56	S	6	c	29.70	-	50	-3	S	4	0.04	59	46	0.09	0.09	0.09	4.5			
Bath ...		29.41	54	S	3	r	29.69	-	52	-1	-	0	0.37	56	47	0.09	0.09	0.09	0.0			
London (Kew Obsy.) ...		29.51	58	SSW	4	bc	29.76	+0.5	55	+1	S	3	0.04	59	51	0.09	0.09	0.09	0.4			
Isafjord ...																						
Reykjavik ...																						
Vestmanna ...																						
Seydisfjord ...		29.23	37	BNE	6	r	29.23	-0.6	34	-3	-	0	-	-	-	-	-	-				
Thorshavn ...		29.27	51	SSE	4	bc	29.40	+0.5	43	-2	SSE	3	-	-	-	-	-	-				
Haparanda ...		30.21	36	NNW	2	o	30.46	+0.5	37	+5	ENE	2	0.04	39	27	0.09	0.09	0.09				
Hernösand ...		30.19	40	-	0	b	30.42	+0.4	34	-6	NE	2	-	54	32	0.09	0.09	0.09				
Stockholm ...		30.05	46	-	0	b	30.23	+0.4	50	+1	ESE	4	-	61	39	0.09	0.09	0.09				
Wisby ...		30.06	51	NNE	2	b	30.11	+0.1	55	+2	SE	2	-	61	45	0.09	0.09	0.09				
Karlstad ...																						
Färder (X'ania Fjord) ...		29.98	51	ENE	2	bc	30.06	+0.2	46	+5	NNE	4	-	52	41	0.09	0.09	0.09				
Bodö ...		30.13	43	E	1	b	30.18	+0.1	46	+5	E	4	-	45	41	0.09	0.09	0.09				
Christiansund ...		29.88	54	SE	2	c	29.94	0.0	55	+9	ESE	4	0.08	55	46	0.09	0.09	0.09				
Skudesnaes ...		29.75	53	ESE	6	c	29.84	+0.3	54	+6	SE	6	-	54	48	0.09	0.09	0.09				
The Scaw (Skagen) ...		29.92	52	ESE	5	b	29.97	+0.3	52	+5	ESE	2	-	59	46	0.09	0.09	0.09				
Blaavands Huk ...		29.77	57	ESE	3	bc	29.88	+0.5	54	+2	S	1	-	66	46	0.09	0.09	0.09				
Cuxhaven ...		29.72	59	E	2	b	29.86	+0.4	57	+5	E	1	-	66	52	0.09	0.09	0.09				
The Helder ...		29.67	62	SSE	1	bc	29.89	+0.5	58		SSE	2	-	70	46	0.09	0.09	0.09				
Brussels ...		29.69	62	SSE	1	b	29.87	+0.5	64	+9	SE	1	-	74	52	0.09	0.09	0.09				
Berlin ...		29.77	70	SE	1	bc	29.93	+0.5	66	+12	SE	2	-	82	59	0.09	0.09	0.09				
Frankfurt ...		29.75	63	-	0	b	29.90	+0.5	58	+3	-	0	-	79	50	0.09	0.09	0.09				
Munich ...		29.75	59	NE	1	b	29.91	+0.2	61	+5	SW	5	-	72	52	0.09	0.09	0.09				
C. Gris Nez ...		29.60	57	S	4	c	29.81	+0.7	58	+3	SSE	4	-	72	54	0.09	0.09	0.09				
La Hève ...		29.62	58	S	5	o	29.78	-	57	+4	S	4	-	64	52	0.09	0.09	0.09				
Brest (St. Mathieu) ...		29.52	52	SSW	4	o	29.65	-0.4	52	+1	S	4	0.04	55	50	0.09	0.09	0.09				
Lorient (Rec Melan) ...		29.56	53	SW	5	o	29.68	-	52	-2	S	4	-	57	48	0.09	0.09	0.09				
Rochefort (Ile d' Aix) ...		29.68	63	WNW	2	c	29.76	+0.3	57	+6	SSE	4	-	72	50	0.09	0.09	0.09				
Biarritz ...		29.66	68	SSE	2	c	29.81	+0.4	66	+4	S	2	-	75	56	0.09	0.09	0.09				
Paris ...		29.69	68	SW	2	bc	29.87	+0.7	59	+5	S	2	-	74	53	0.09	0.09	0.09				
Belfort ...		29.80	64	W	4	o	29.99	-	56	+6	W	2	-	73	50	0.09	0.09	0.09				
Lyons ...		29.75	67	-	0	b	29.96	-	54	+1	-	0	-	73	50	0.09	0.09	0.09				
Nice ...		29.84	57	SW	1	b	29.99	+0.6	58	+1	-	0	-	64	50	0.09	0.09	0.09				
Perpignan ...		29.79	59	NE	3	b	29.95	+0.5	55	+1	NE	1	-	68	53	0.09	0.09	0.09				
Sanguinaire ...		29.83	59	N	3	m	30.01	-	60		SE	2	-	66	54	0.09	0.09	0.09				
Corunna (S. a.m.) ...		29.63	60																			

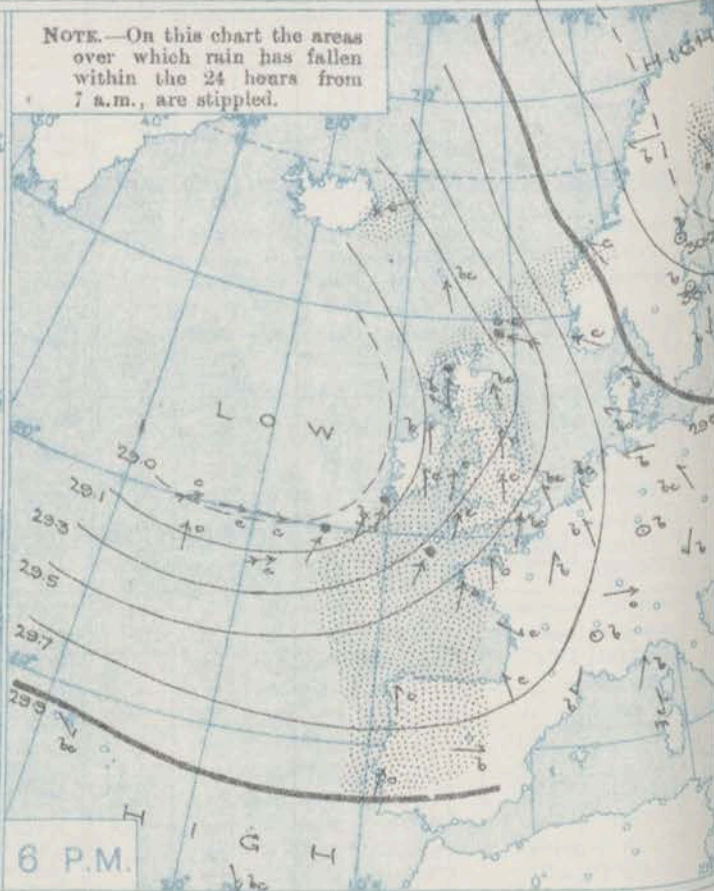
* Information for these columns not usually received.

† Received too late for insertion in Charts.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. - 27th APRIL



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



GENERAL INFERENCE

A large anticyclone which has appeared over northern Europe and the Arctic Sea is expanding westward, the barometer is rising

WEATHER PROSPECTS.

everywhere, and a quiet Southerly type of weather is likely to prevail during the ensuing twenty-four hours.

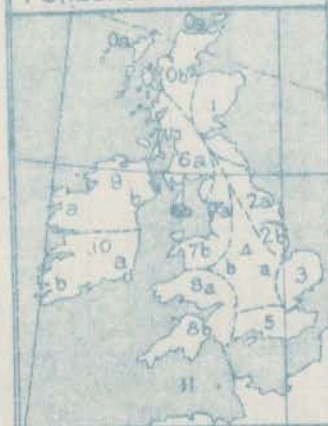
FORECASTS FOR THE 24 HOURS NOON

Monday TO NOON Tuesday.

0
1
2
3
4
5

Southerly winds, generally light or moderate, occasionally fresh and gusty locally; cloudy to dull, with slight passing showers in places at first, then fair to fine; mild.

FORECAST DISTRICTS.



STORM WARNINGS.

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

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

No Warnings Issued.

6
7
8
9
10

Same as Nos. 0 to 5.

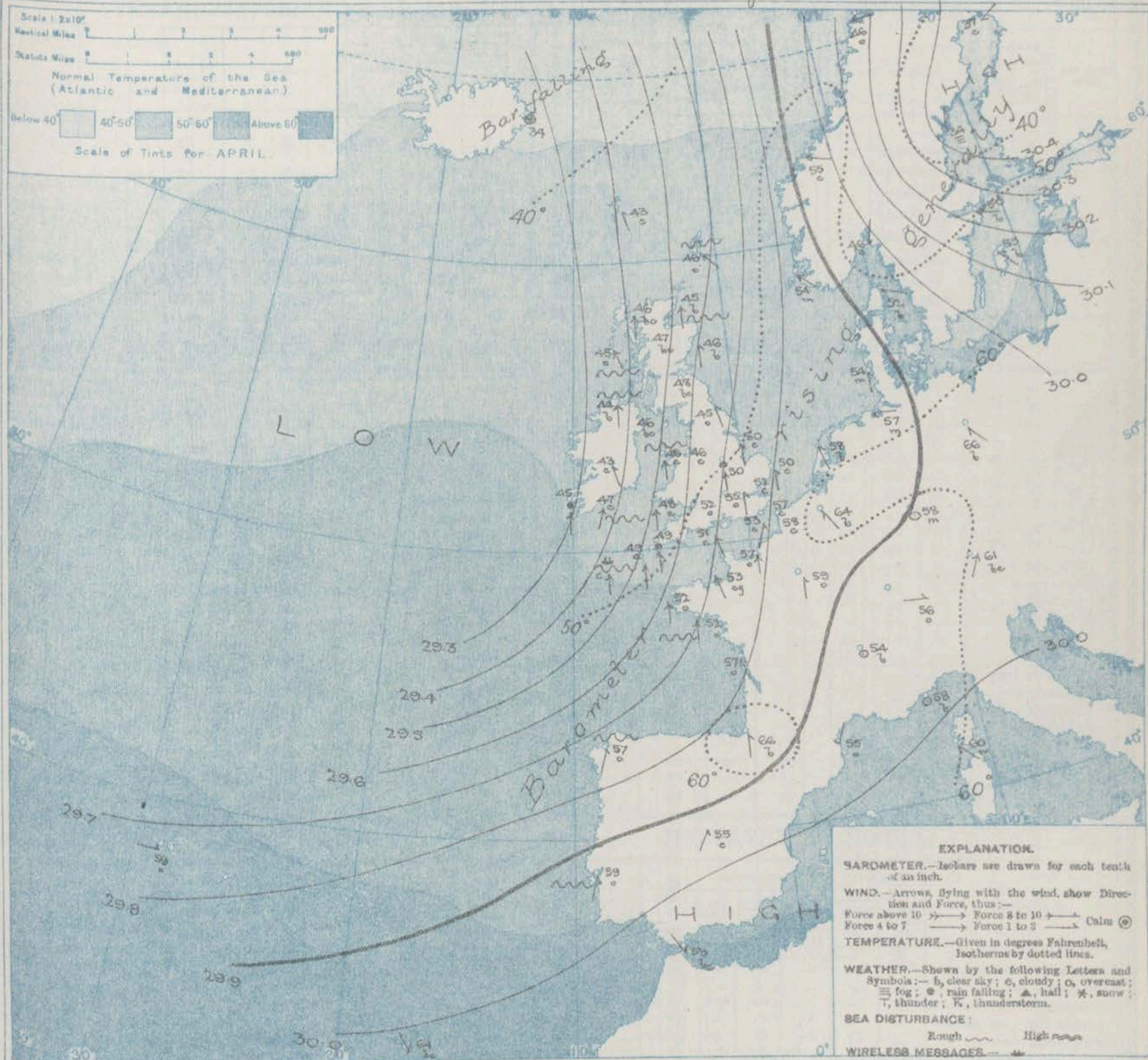
THE FURTHER OUTLOOK. (all Districts)

Further improvement is probable.

11 WESTERN CHANNEL AND BAY.

Southerly and South-Westerly breezes, light to moderate; sea smooth to moderate; dull, slight passing showers, improving generally later; moderate temperature.

SYNOPTIC CHART FOR 7 A.M. Monday, 28th APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A general increase of pressure is in progress. The British Isles are situated midway between an anticyclone covering northern Europe and northward across Spitzbergen, with the barometer at about 30½ in. and a very extensive low pressure area occupying the Atlantic, from Greenland and Iceland down to the Azores and Madeira, with the barometer at about 29½ in. between Mayo and Iceland. The gradient is moderate to slight.

South-easterly to easterly breezes prevail beyond the North Sea, southerly breezes over the British Isles and France. As a rule the force is light to moderate,

but locally there is a fresh or strong breeze. Over the British Isles temperature ranges from 43° at Birn Castle to 57° at Dover; on the Continent from 52° at Brest and Lorient to 66° at Biarritz and Berlin; in Scandinavia from 34° at Hørnøsand and 55° at Christiansund and Wisby. In eastern Iceland the reading is 34°, and at Spitzbergen -2°. Fine, clear weather prevails beyond the North Sea, but elsewhere it is more variable, clear to overcast and dull or gloomy. Slight drizzling showers are reported at Nottingham, Narvay and Valencia, snow in the east of Iceland. At Gibraltar there is a heavy squall.

DAILY WEATHER REPORT.

Monday, 28th April, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
28th 7 a.m.	49	7	Ascania	H	29.43	+0.5	S	6-7	c	27th 6 p.m.	50	11	Montrose	O	29.11	-0.2	SSW	6-7	r
27th 6 p.m.	49	25	Haverford	O	29.15	-0.3	S	6-7	c	"	51	11	Coronia	O	29.17	+0.3	SW	6-7	b
"	50	24	Ullonia	H	29.90	?	WSW	10-11	c	" 7 a.m.	50	26	Ullonia	H	29.16	+0.1	WNW	6-7	c
"	50	20	Ausonia	O	28.95	-0.1	W	6-7	c	"	48	26	Mauritania	H	29.39	-0.15	NW	8-9	c
"	50	18	Mauritania	H	29.74	-0.1	W	4-5	c	"	49	27	Cedric	O	?	+0.1	NW	6-7	c
"	48	18	Mesaba	O	29.18	0.0	WSW	8-9	c	"	50	18	Ausonia	O	28.92	-0.6	WSW	6-7	c
"	50	14	Sicilian	H	29.22	+0.15	SW	4-5	r	"	50	17	Sicilian	H	29.00	+0.8	WSW	6-7	bc
"	49	11	Ascania	H	29.12	+0.4	S	6-7	c	"	49	15	Mesaba	O	29.14	-0.4	W	8-9	c

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

STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.	STATIONS.		Rainfall.	TEMPERATURE.		WEATHER.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	In.					Hr.	England, S.E.	Margate	In.					Hr.
	Stonehaven								Ramsgate						
	St. Andrews								Deal						
	Carnoustie								Folkestone						
England, N.E.	Harrogate	0.33	54	42	or	of c.c.	0.1	England, S.W.	Littlestone						
	Scarborough	"	60	48	or	or	0.2		Hastings						
	Blackpool	0.73	54	42	or	c.or	0.4		Bexhill-on-Sea						
	Southport	0.45	58	42	or, bc	bc, or	0.7		Eastbourne						
England, N.W.	Buxton	0.29	51	47	bc, r	cr, bc	0.1	England, S.W.	Seaford						
	Matlock								Brighton						
	Douglas								Worthing	0.03	60	51	c	c	0.0
									Littlehampton	"	"	"	"	"	
Wales.	Rhyl	0.30	50	40		r, bc, p.	2.9	England, S.W.	Bognor						
	Colwyn Bay	0.30	56	40	or	r, bc, p.	3.5		Southsea	0.10	58	40	c, bc	c, bc, p.	0.0
	Llandudno	0.17	57	40	cp	c, or	3.0		Bournemouth	0.22	56	44	c, c	or	1.0
	Bettws-y-Coed	"							Weymouth	0.22	55	44	of	of	0.0
England, E.	Aberystwyth	0.82	52	42	or	rm	0.4	England, S.W.	Teignmouth	1.09	54	44	or	or	0.0
	Lowestoft		57	47	c	c	7.0		Torquay	1.22	54	50	or	or	0.0
	Felixstowe		56	48	bc, m	bc, m	5.1		Paignton	0.91	54	49	or	or	1.0
	Walton-on-Naze		55	45	bc, bc, b	bc, bc, b	6.7		Ilfracombe	1.06	56	47	or, c, b	or	0.0
	Southend-on-Sea		66	50	bc	bc	6.0		Weston-super-Mare	0.02	54	47	or	or	0.0

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Rain-fall.	WEATHER.			Sunshine for Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	In Screen.	Min. on Grass.		Forenoon.	Afternoon.	Night.	
	%	%	Max.	Min.					
Greenwich (Royal Obs.)	81	89	63	51	44	0.08	of	of, bc	bc
City (Bunhill Row)	"	"	"	"	"	"	"	"	"
Westminster (St. James's Pk.)	97	94	61	53	46	0.04	r	r	ru
Camden Sq. (Brit. Rainfall)	"	82	62	51	47	0.05	0.05, c	c, bc	bc, c.
Hampstead (Reservoir)	"	86	59	51	42	0.07	cr	or	or
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.)	-	86.	944	Joules.	18.1	Milliwatts.	64	Milliwatts.	1.9

Additional Observations for Yesterday.

STATIONS.	RAIN-FALL.	TEMPERATURE.		WEATHER.			Sunshine for Yesterday.
		In Screen.	Night Min. on Grass.	Night.	Forenoon.	Afternoon.	
		Max.	Min.				
Dublin to 4 p.m.	0.35	54	40	38	bc, or	r, bc, p.	c, c
Plymouth to 9 p.m.	0.62	53	48	47	or	or	or
Darwen	"	56	43	"	or	or	or, bc, p.
Manchester	0.72	56	43	"	or	or	or
Birmingham	0.49	53	47	43	r	or	r
Oxford to 8 p.m.	"	57	49	47	or	or	or
S. Kensington (Museum Grounds to 6 p.m.)	0.07	61	51	42	c	bc	c, or, c

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

28th April 1913.	Sunrise.	Noon.	Sunset.
Yarmouth	G.M.T. 4.30 4.38	G.M.T. 11.50 11.50	G.M.T. 7.10 7.12
Greenwich	4.41 4.39	11.57 11.57	7.15 7.16
Wick	4.29 4.26	12.9 12.9	7.50 7.52
Valencia	5.20 5.18	12.38 12.38	7.57 7.58

NOTES ON YESTERDAY'S WEATHER.

Yesterday's maximum temperatures over this country varied considerably, as low as 46° to 50° in some localities, 66° to 70° about the mouth of the Thames. Rain has fallen nearly everywhere, over 4 in. in Shetland. There was a thunderstorm at Kew, thunder and hail in central Ireland. Some stations had no bright sunshine, Ramsgate had 10½ hours, and Deal 11½ hours. As far west as the 28th meridian, ships experienced S.W. to S.E. and N.W. winds, moderate or strong to a gale, with fine 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.

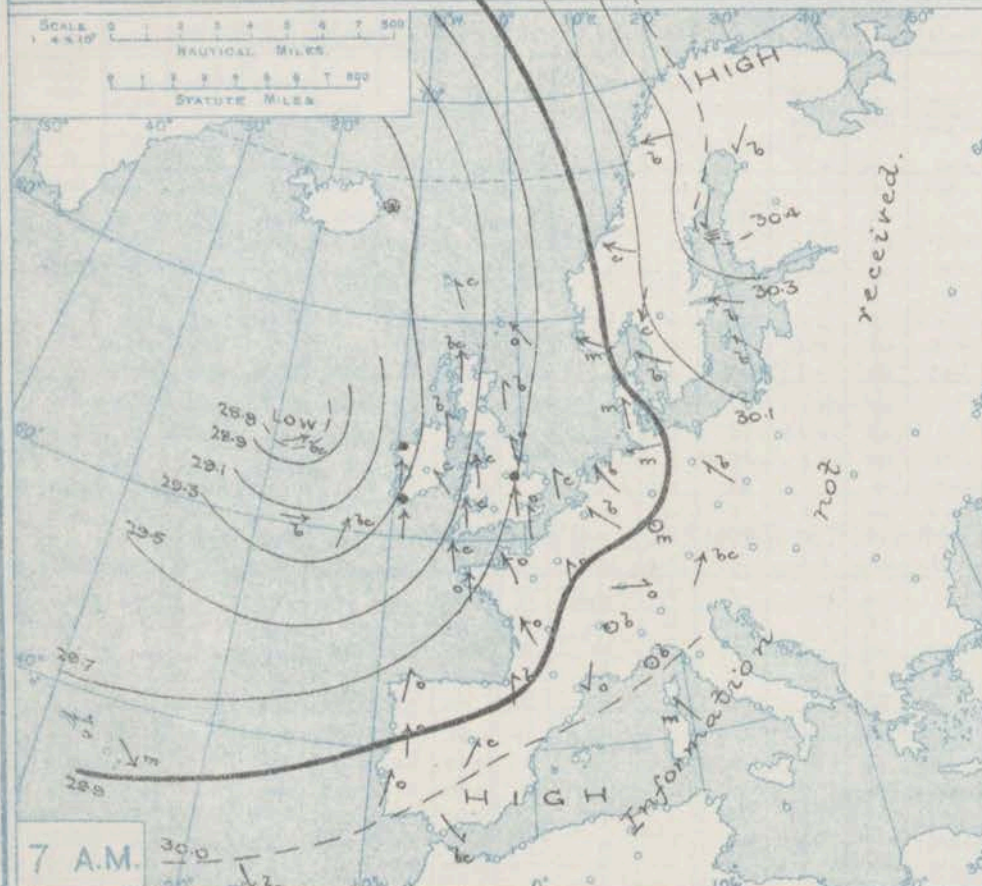
Tuesday,
29th April, 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						Sun- shine for Yester- day.
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
	At 82° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 82° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).	Weather.			Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'o. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.				
Spitzbergen	30.56	3	-	0	b	30.65	+0.3	4	+6	-	0	b	4	In.	14	-11	2	2	2	8			
Lerwick	29.78	48	ESE	5	bc	29.81	+12	47	+1	SSE	5	b	6	0.28	50	45	bcg	bcg	bcg	8			
Stornoway	29.56	50	S	5	b	29.74	+12	46	0	SW	7	o	5	0.04	52	44	bcg	bcg	bcg	11.8			
Castlebay (Barra Isd.)	29.49	49	SSE	5	o	29.76	+13	47	+2	SSE	4	bc	6	Trace	51	44	bcg	bcg	bcg	8.7			
Malin Head	29.44	47	SSW	4	bcg	29.77	+11	45	+1	SSW	4	bc	3	0.01	55	43	bcg	bcg	bcg	8			
Blacksod Point	29.35	49	SSW	6	bc	29.69	+0.8	48	+4	S	4	bc	4	0.17	52	41	bcg	bcg	bcg	8			
Valencia	29.50	50	S	4	c	29.74	+0.3	46	+1	SSE	3	c	4	0.20	52	43	bcg	bcg	bcg	9.1			
Roche's Point	29.57	47	SSW	4	o	29.81	0	48	+1	S	3	c	4	0.07	51	46	bcg	bcg	bcg	8			
Birr Castle	29.49	51	S	4	c	29.79	0	45	+2	SE	2	c	3	0.05	54	40	bcg	bcg	bcg	9.0			
Donaghadee	29.54	48	SSW	2	cp	29.87	+0.8	44	-2	SSW	2	bc	1	0.08	53	42	bcg	bcg	bcg	8			
Liverpool Obsy.	29.67	47	SSE	3	o	30.00	+0.5	46	0	SE	2	b	3	0.25	55	42	bcg	bcg	bcg	1.6			
Holyhead	29.61	47	SW	4	c	29.92	+0.4	48	0	S	4	m	3	0.17	52	46	bcg	bcg	bcg	2.4			
Pembroke (St. Ann's Hd.)	29.68	48	SSW	4	bc	29.90	+0.5	48	0	SSE	4	cm	4	0.04	51	47	bcg	bcg	bcg	3.0			
Newquay	29.72	51	SSW	5	bc	29.90	+0.3	50	+1	SE	2	or	4	0.13	53	45	bcg	bcg	bcg	1.3			
Scilly (St. Mary's)	29.70	51	SW	4	bc	29.88	+0.2	50	+1	S	3	cm	4	Trace	54	48	bcg	bcg	bcg	4.5			
Jersey (St. Aubin)	29.85	54	WSW	3	c	30.02	0	52	-1	ESE	4	og	3	0.09	61	45	bcg	bcg	bcg	1.9			
Portland Bill	29.81	50	SSW	3	c	30.00	+0.3	50	-1	S	3	bc	3	0.30	53	48	bcg	bcg	bcg	8			
Dungeness	29.81	50	SSW	2	c	30.07	+0.3	53	0	E	1	b	1	Trace	59	47	bcg	bcg	bcg	8			
Dover	29.83	61	S	2	b	30.07	0	56	-1	NE	2	b	2	-	64	44	bcg	bcg	bcg	3.1			
Wick	29.64	47	ESE	5	c	29.84	+0.9	46	+1	SSE	4	bc	4	0.51	48	43	bcg	bcg	bcg	8			
Nairn	29.60	56	S	2	o	29.82	0	49	+2	W	1	bc	1	0.05	60	38	bcg	bcg	bcg	9.9			
Aberdeen	29.69	47	SSE	2	r	29.94	+1.0	46	0	-	0	c	2	0.62	51	43	bcg	bcg	bcg	5.8			
Leith	29.61	52	SE	1	o	29.90	+0.9	48	0	SW	1	bcg	3	0.03	59	45	bcg	bcg	bcg	8			
North Shields	29.67	50	SE	1	r	30.01	+0.9	47	+2	S	2	c	3	0.72	57	44	bcg	bcg	bcg	0.0			
Spurn Head	29.70	52	ESE	6	c	30.05	+0.9	49	-1	SW	3	b	4	0.10	54	44	bcg	bcg	bcg	1.5			
Yarmouth	29.83	51	SE	1	c	30.10	+0.8	52	+2	WSW	1	b	1	-	59	47	bcg	bcg	bcg	2.7			
Clacton-on-Sea	29.80	54	SE	2	c	30.08	+0.4	53	+1	S	1	bc	0	-	57	47	bcg	bcg	bcg	0.9			
Nottingham	29.76	49	W	4	r	30.04	0	48	-2	S	1	cm	0	0.32	61	42	bcg	bcg	bcg	0.2			
Bath	29.80	50	S	2	o	30.04	0	50	-2	SE	1	o	0	0.24	59	43	bcg	bcg	bcg	0.0			
London (Kew Obsy.)	29.86	55	WSW	2	o	30.07	+0.6	49	-6	ESE	1	bcg	0	0.07	63	42	bcg	bcg	bcg	1.3			
Isafjord																							
Reykjavik																							
Vestmanna																							
Seydisfjord	29.45	46	NE	4	r	29.55	+0.0	44	+10	E	2	c	0	0	0	0							
Thorshavn	29.61	50	SSE	3	c	29.53	+0.4	46	+3	WSW	4	r	0	0	0	0							
Haparanda	30.39	33	SW	2	bc	30.33	0.0	37	0	N	4	c	0	-	41	30							
Hernösand	30.41	32	-	0	f	30.31	-0.2	43	+9	S	2	c	0	-	45	30							
Stockholm	30.32	45	E	2	bc	30.25	-0.3	54	+4	ESE	2	b	0	0.04	57	43							
Wisby	30.22	51	ESE	2	b	30.23	+0.1	65	+10	SE	2	b	0	-	68	46							
Karlstad	30.24	56	-	0	o	30.21	-0.2	53	0	-	0	bc	0	0.08	59	45							
Färder (X'ania Fjord)	30.13	48	NE	3	c	30.17	+0.1	47	+1	NHE	2	bc	1	0.20	48	46							
Bodö	30.19	47	ENE	2	b	30.18	-0.2	50	+4	ENE	2	bc	1	-	50	43							
Christiansund	30.09	53	-	0	c	29.97	-0.1	62	+7	SE	3	c	2	-	63	50							
Skudesnaes	30.01	53	ESE	2	b	30.07	+0.3	47	-7	SSE	4	o	4	0.20	55	47							
The Scaw (Skagen)	30.07	55	SE	4	b	30.12	+0.2	52	0	SE	3	c	0	-	55	50							
Blaavands Huk	29.99	56	ENE	1	m	30.09	+0.5	60	+6	-	0	m	0	-	70	50							
Cuxhaven	29.95	58	N	2	bc	30.07	+0.6	60	+3	NW	1	b	0	-	64	55							
The Helder	29.90	66	E	3	bc	30.14	+0.7	54	-4	NW	2	bc	1	-	70	52							
Brussels	29.93	65	SE	2	o	30.10	+0.4	61	-3	NE	1	b	0	-	80	53							
Berlin	30.00	72	S	2	b	30.13	+0.6	65	-1	S	2	b	0	-	81	59							
Frankfurt	29.99	62	-	0	m	30.10	+0.4	59	+1	-	0	m	0	-	81	54							
Munich	30.00	61	S	1	bc	30.13	+0.2	59	-2	SW	2	b	0	-	66	50							
C. Gris Nez	29.86	64	SSW	4	c	30.10	+0.4	53	-5	NE	2	b	1	-	68	48							
La Hève	29.93	53	WNW	3	o	30.05	0	54	-3	ENE	2	?m	2	-	64	50							
Brest (St. Mathieu)	29.86	52	SSW	4	c	29.92	+0.2	49	-3	ESE	4	o	5	0.13	55	48							
Lorient (Bec Melen)	29.83	54	SW	3	o	29.92	0	52	0	E	3	o	4	-	59	48							
Rochefort (Ile d' Aix)	29.94	61	SE	1	b	29.94	-0.2	58	+1	ESE	3	o	0	-	66	55							
Biarritz	29.89	70	ENE	1	c	29.91	-0.2	59	-7	-	0	o	3	-	75	55							
Paris	29.90	72	S	2	bc	30.06	+0.1	61	+2	NE	1	b	0	-	78	51							
Belfort	29.97	67	E	4	c	30.12	0	59	+3	-	0	m	0	-	74	56							
Lyons	29.97	66	S	2	b	30.10	0	55	+1	-	0	b	0	-	73	49							
Nice	30.05	59	-	0	b	30.08	+0.2	64	+6	-	0	b	1	-	68	52							
Perpignan	29.99	59	NE	3	bc	30.08	+0.1	57	+2	-	0	o	0	-	69	54							
Sanguinaire	30.06	59	N	2	m	30.13	0	59	-1	SE	2	o	2	-	64	50							
Corunna (8 a.m.)	29.86	60	WSW	3	o	29.83	0.0	55	-2	S	3	o	3	0.24	63	50							
Lisbon (9 a.m.)	30.00	60	SSW	4	bc	29.99	+0.4	61	+2	SSW	4	o	6	-	66	57							
Gibraltar	30.00	62	SW	1	b	30.00	0	59	0	E	1	cm	1	-	72	56							
Azores (P. Delgada)	30.03	53	N	2	o	30.11	+0.5	55	-2	NNW	3	b	1	-	61	54							
Azores (Horta)	30.06	53	WNW	1	b	30.13	+0.4	56	-3	-	0	o	1	-	59	52							
Madeira (Funchal)	30.06	63	NW	2	b	30.08	+0.3	65	+1														

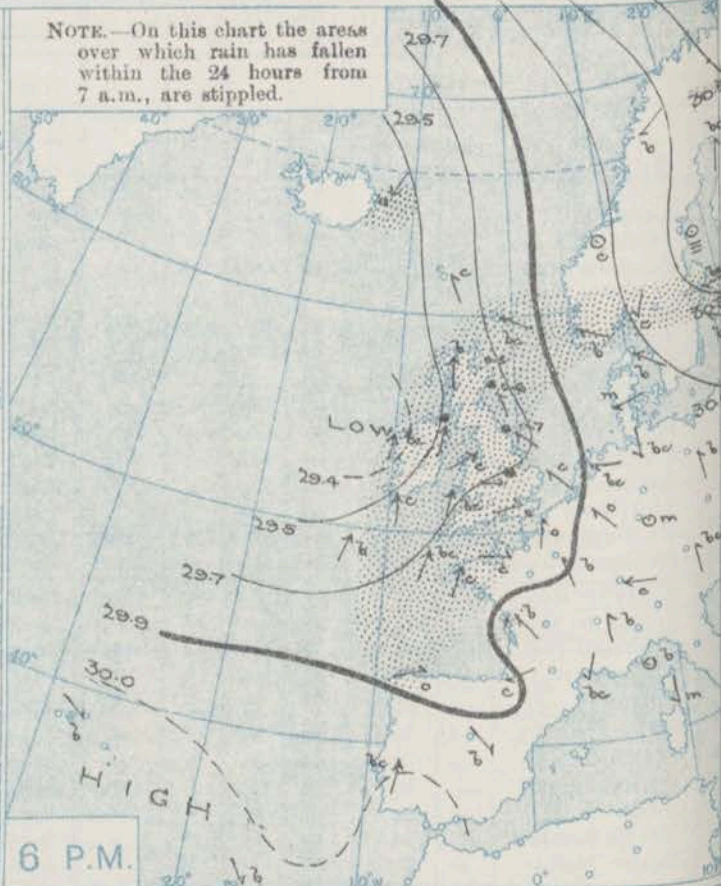
* Information for these columns not usually received.

† Received too late for insertion in Charts.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 28TH 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 distribution of pressure is favourable to a Southerly to Easterly type of conditions over this country, with a tendency to electrical

WEATHER PROSPECTS.

disturbances, under the influence of a shallow depression which is nearing the Bay of Biscay.

FORECASTS FOR THE 24 HOURS NOON

Tuesday

TO NOON Wednesday.

0 { ^a Wind between South-West and South-East, fresh or strong, then moderating; fair to fine. _b local showers; moderate temperature.

1 Wind between South and East, light generally, moderate at times locally; generally fair or fine, but with a humid, thunderstorm tendency; warmer.

5

FORECAST DISTRICTS.



STORM WARNINGS.

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

Signals hoisted yesterday.	Signals hoisted this morning.
South 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

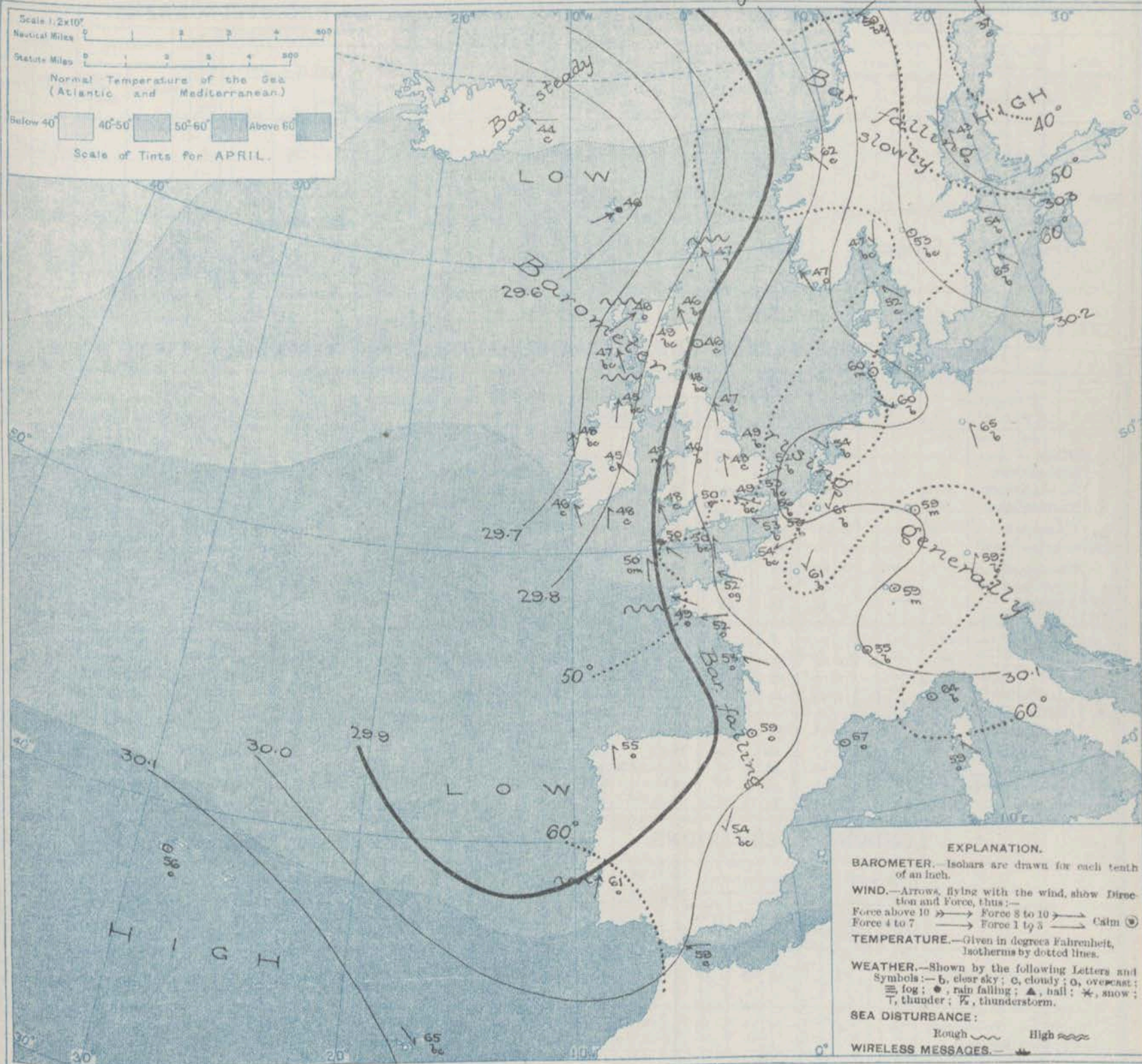
Same as Nos. 1 to 5.

11 WESTERN CHANNEL AND BAY.

Wind Southerly to Easterly, light to moderate; sea smooth to moderate; fine to dull, with thunderstorm tendency, local mist; warm.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Tuesday, 29th APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The region of highest pressure is now round the North Pole, the barometer having risen to 30.65 in. at Spitzbergen. Pressure is relatively high over the Continent generally, above 30.3 in. on the Gulf of Bothnia. The lowest pressure, about 29½ in., is in the neighbourhood of Iceland. There is a secondary depression off the Bay of Biscay. The gradient is slight in most regions.

Over nearly the whole of the area under observation the wind is from Southerly to Easterly directions, fresh to high off the north of Scotland, but

as a rule moderate to very light. Over the British Isles temperature ranges from 44° at Donaghadee to 56° at Dover; on the Continent from 49° at Brest to 65° at Berlin; in Scandinavia from 37° at Haparanda to 65° at Wisby. In eastern Iceland the reading is 44°; and at Spitzbergen 44°. Fair, cloudy to fine, clear weather prevails extensively. Rain is falling at the Faeroes, and it is just starting at Berquay. A rough or rather rough sea is running round the north of Scotland, elsewhere it is moderate to very smooth.

DAILY WEATHER REPORT.

Tuesday, 29th April, 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
25th 6 p.m.	49	12	Xoonland	0	29.58	+0.9	SW	6-7	b	25th 7 a.m.	50	17	Caronia	0	29.18	+0.6	W	6-7	b
" 1 p.m.	49	10		0	29.51	+0.5	SW	6-7	b	" "	50	14	Montrose	0	29.15	+0.2	SW	6-7	b
" 7 a.m.	55	18	California	0	28.73	+0.2	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.		Sunshine to 6 p.m.
			Max.	Min.	Forenoon.	Afternoon.					Max.	Min.	Forenoon.	Afternoon.	
Scotland.	Oban	0.22	54	41	cp	bc, o	6.7	England, S.E.	Margate	In.	70	53	bc	bc, c	2.6
	Stonehaven	...	...	...	...	...	...		Ramsgate	...	64	52	*	*	1.5
	St. Andrews	0.16	58	39	bc	or	4.5		Deal	0.01	65	52	o, bc	cp, c	0.4
	Carnoustie	...	...	...	...	...	...		Folkestone	...	62	51	o	bc	1.5
England, N.E.	Harrogate	0.67	52	42	c, o, bc, r	or	0.1	England, S.E.	Littlestone	...	...	...	...	...	0.5
	Scarborough	...	57	46	o, c	af	2.2		Hastings	0.01	60	50	bc, o	cp, bc	0.4
England, N.W.	Blackpool	0.45	56	42	o, c	or	0.2	England, S.E.	Bexhill-on-Sea	...	57	51	o	o, c	0.6
	Southport	0.42	56	42	bc, o	or	0.4		Eastbourne	0.08	58	50	bc, o	o, bc, o, c	0.6
	Buxton	0.34	55	42	cr, b	cr	0.2		Seaford	0.07	57	51	or, o	c	0.6
	Leamington Spa.	0.44	51	46	c	opr	0.2		Brighton	0.09	55	51	or, o	o, c, o	1.0
Wales.	Douglas	...	...	...	...	...	...	England, S.W.	Worthing	0.08	57	51	c	cpu	1.0
	Rhyl	0.10	56	42	o, c	o, c	2.0		Littlehampton	0.05	...	...	...	...	...
	Colwyn Bay	0.15	57	49	bc	p	2.0		Bognor	...	...	...	...	...	...
	Llandudno	0.05	59	45	cp	bc	3.0		Southsea	0.14	58	51	o, c, bc	bc, or	1.5
England, E.	Bettws-y-Coed	...	...	...	...	...	...	England, S.W.	Bournemouth	0.07	58	49	c, or	o, c	0.1
	Aberystwyth	0.06	54	45	o, c, o	o, cr	1.2		Weymouth	0.33	56	49	cp	bc, r	0.5
	Lowestoft	...	60	49	bc, o, o	o, c	3.3		Teignmouth	0.32	52	47	or	or, bc	0.5
	Felixstowe	0.03	58	51	o, cm	bc, pmt	2.5		Torquay	0.45	52	45	o, c	c	0.6
England, E.	Walton-on-Naze	...	58	51	o, bc, o	b, bc	2.2	England, S.W.	Paignton	0.40	53	47	or	r, bc	0.1
	Southend-on-Sea	0.01	56	51	bc, p	bc	0.8		Ilfracombe	0.35	54	47	or	or, cp	0.1
									Weston-super-Mare	0.35	55	46	bc, r	rc	0.6

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.																			
	%	%				In.				Hr.		In.							
Greenwich (Royal Obs.) ...	77	69	63	42	32	0.05	op	op	op	1.0	Dublin to 4 p.m.	0.16	56	47	37	bcp	bc	bc	
City (Bunhill Row) ...	*	*	*	*	*	*	*	*	*	0.8	Plymouth to 9 p.m.	0.32	51	47	45	org	bc	bc	
Westminster (St. James's Pl.)	68	74	63	45	45	0.04	od, r	bc	bc	1.0	Darwen	0.77	52	40	36	ow	ow	ow	
Camden Sq. (Brit. Rainfall)	74	73	64	43	29	0.08	o	o, bc	or, o, c	1.0	Manchester	0.34	57	45	38	or, c	or	or, c	
Hampstead (Reservoir) ...	*	31	61	45	34	0.10	o, cr	bc, m	o	1.0	Birmingham	0.32	57	44	38	cp	cr	c	
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.)	78	54	655 Joules.		12.5 Milliwaits.		4.0 Milliwaits.		0.7		S. Kensington (Museum Grounds to 6 p.m.)	0.05	63	51	46	c	o	op	

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

29th & 30th April 1913.		Sunrise.	Noon.	Sunset.
		G.M.T.	G.M.T.	G.M.T.
Yarmouth	...	4.28	11.50	7.12
Greenwich	...	4.39	11.57	7.16
Wick	...	4.26	12.4	7.52
Valencia	...	5.18	12.26	7.58

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 60° and above in the south-east. Rain fell generally, but the only considerable amounts were in the north, up to $\frac{3}{4}$ in. at Shields. The duration of bright sunshine was exceedingly variable, from none at some stations to 10 hours at Hairy and 11 $\frac{1}{2}$ hours at Stornoway. For a short interval in the night a gale was felt in Shetland. As far west as the 20th meridian ships experienced moderate to strong S.W. and S. winds, and fair to 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; 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.

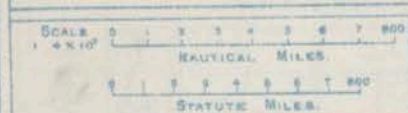
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

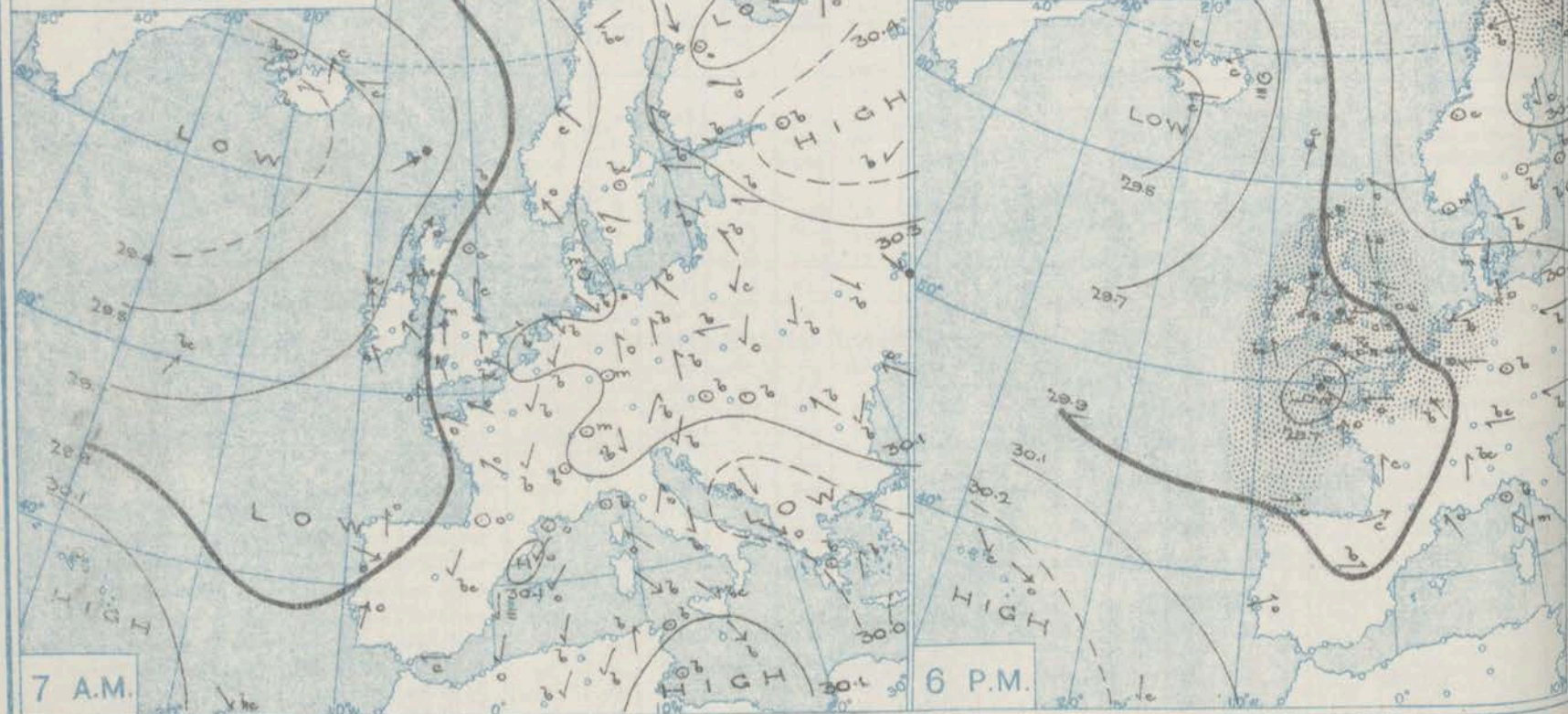
Wednesday,
20th April, 1913.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							Sun- shine for Year- 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. 45°.		Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	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.								
Spitzbergen	30.59	5	SE	1	b	30.46	-0.4	6	+2	S	1	b	4	—	12	-9	4	4	4	4	4	4	4	4	4	4	4
Lerwick	In.	48	ESE	3	o	29.84	-0.9	47	0	ESE	6	c	4	—	50	44	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Stornoway	29.93	52	S	5	c	29.64	-0.9	44	-2	ESE	4	o	4	0.15	56	43	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Castletown (Barra Isd.)	29.87	49	ESE	4	o	29.58	-0.9	45	-2	NE	2	r	3	0.27	50	44	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Malin Head	29.84	48	SSW	4	cp	29.52	-0.4	44	-1	H	3	omv	2	0.28	54	44	cp	cp	cp	cp	cp	cp	cp	cp	cp	cp	cp
Blacksod Point	29.77	51	ESW	4	bc	29.64	-0.3	47	-1	SW	2	m	3	0.22	53	41	c	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Valencia	29.78	51	SSE	2	bcv	29.71	+0.1	45	-1	SE	1	bc	4	0.25	55	42	omv	omv	omv	omv	omv	omv	omv	omv	omv	omv	omv
Roche's Point	29.80	47	E	1	o	29.75	—	45	-3	SW	2	b	2	0.15	51	43	o	o	o	o	o	o	o	o	o	o	o
Birr Castle	29.80	49	SE	2	c	29.66	—	45	0	W	2	c	2	0.84	54	43	cp	c	c	c	c	c	c	c	c	c	c
Donaghadee	29.93	47	S	2	r	29.53	-0.2	50	+6	SSE	2	c	2	0.74	54	44	cp	omv	omv	omv	omv	omv	omv	omv	omv	omv	omv
Liverpool Obsy.	29.86	50	E	1	r	29.64	+0.3	52	+6	SE	3	c	3	0.33	55	46	b	o	o	o	o	o	o	o	o	o	o
Holyhead	29.83	49	E	4	r	29.57	0.0	48	0	S	4	c	3	0.54	51	47	omv	omv	omv	omv	omv	omv	omv	omv	omv	omv	omv
Pembroke (St. Ann's Hd.)	29.71	52	ESE	4	r	29.74	+0.9	46	-2	WSW	4	c	4	0.45	53	44	omv	omv	omv	omv	omv	omv	omv	omv	omv	omv	omv
Newquay	29.67	52	SE	3	o	29.83	+0.7	49	-1	WSW	3	c	5	0.25	53	45	omv	omv	omv	omv	omv	omv	omv	omv	omv	omv	omv
Scilly (St. Mary's)	29.67	50	ESE	3	omv	29.81	+0.3	48	-2	W	3	b	4	0.95	51	43	omv	omv	omv	omv	omv	omv	omv	omv	omv	omv	omv
Jersey (St. Aubin)	29.78	59	E	2	ag	29.84	—	49	-3	W	4	ag	3	0.16	60	48	ag	ag	ag	ag	ag	ag	ag	ag	ag	ag	ag
Portland Bill	29.77	51	ESE	5	c	29.84	+0.6	48	-2	WSW	5	c	4	0.21	51	47	c	c	c	c	c	c	c	c	c	c	c
Dungeness	29.83	53	NE	5	c	29.83	+0.2	52	-1	WSW	4	c	3	0.05	58	50	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Dover	29.85	55	NE	5	b	29.83	—	50	-6	SW	4	b	4	0.10	60	51	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Wick	29.98	48	SSW	2	o	29.66	-1.6	45	-1	E	5	ag	5	0.14	50	44	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Nairn	29.95	57	S	1	c	29.63	—	46	-3	NE	1	o	1	0.15	64	43	qb	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Aberdeen	30.05	57	SSE	2	o	29.67	-1.0	46	0	SE	2	o	2	0.46	54	44	c	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Leith	29.96	53	SSE	1	r	29.60	-0.2	47	-1	NE	1	c	2	0.36	58	44	o	ag	ag	ag	ag	ag	ag	ag	ag	ag	ag
North Shields	30.00	49	ESE	4	c	29.68	-0.2	50	+3	—	0	o	3	0.24	57	44	c	ag	ag	ag	ag	ag	ag	ag	ag	ag	ag
Spurn Head	29.94	49	E	5	c	29.72	0.0	53	+4	S	4	c	5	0.56	54	47	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Yarmouth	29.98	50	ESE	3	bc	29.78	0.0	57	+5	SW	2	bc	2	0.14	58	48	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Clacton-on-Sea	29.92	54	ESE	3	c	29.80	+0.2	55	+2	SW	2	bc	2	0.03	61	52	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Nottingham	29.87	56	E	4	c	29.73	—	54	+6	SSW	5	c	2	0.51	62	48	c	c	c	c	c	c	c	c	c	c	c
Bath	29.82	55	SE	1	clr	29.82	—	50	0	W	4	o	2	0.52	61	48	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
London (Kew Obsy.)	29.86	57	E	5	c	29.84	+0.4	50	+1	SW	4	o	2	0.51	65	48	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc
Isafjord	29.63	41	H	3	c	29.76	+0.1	39	+5	—	0	c	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Reykjavik	29.46	48	E	2	bc	29.67	+0.4	43	0	—	0	o	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vestmanna	29.51	46	E	3	c	29.68	+0.1	44	0	ESE	3	bc	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Seydisfjörður	29.65	43	—	—	f	29.82	+0.4	41	-3	—	0	bc	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Thorshavn	29.91	50	SSW	5	c	29.86	-0.6	45	-1	ESE	1	m	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Haparanda	30.46	33	NE	2	o	30.42	-0.2	29	-8	SE	4	s	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hernösand	30.36	37	H	2	c	30.33	0.0	41	-2	H	4	c	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Stockholm	30.18	58	—	0	b	30.20	+0.2	46	-8	ENE	2	c	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wisby	30.20	53	—	0	b	30.17	-0.1	63	-2	SSE	2	b	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Karlstad	30.17	57	—	0	b	30.14	0.0	59	+6	E	2	b	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Färder (Klänna Fjord)	30.21	47	E	6	b	30.19	-0.2	48	-2	E	2	b	1	0.04	54	43	—	—	—	—	—	—	—	—	—	—	—
Bodö	30.26	51	—	0	c	30.28	-0.1	51	-11	E	2	b	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Christiansund	30.17	52	—	0	m	30.29	-0.6	57	+10	E	4	c	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Skudesnaes	30.13	53	E	2	b	30.04	-0.2	54	+2	SE	2	b	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—
The Scaw (Skagen)	30.06	53	HNE	2	m	29.93	0.0	63	+3	SE	3	b	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Blaavands Huk	30.02	59	H	2	o	29.92	-0.2	62	+2	SE	2	b	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cuxhaven	30.02	55	NE	4	b	29.84	0.0	61	+7</																		

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 29th APRIL



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 disturbance which has moved from the Bay up the Western Channel during the night, will pass to the northward of Scotland, and a Southerly

to Westerly type of conditions will again become general.

FORECASTS FOR THE 24 HOURS NOON Wednesday TO NOON Thursday.

0 {
a Easterly to Northerly breezes, becoming
b South-Westerly later, fresh and gusty at times; dull to fair or fine, some rain; moderate temperature.

1

2 {
a Wind between South and
b West, fresh and gusty at times
3 in places; dull to fair or fine,
4 {
a Some rain; temperature
b rising.

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

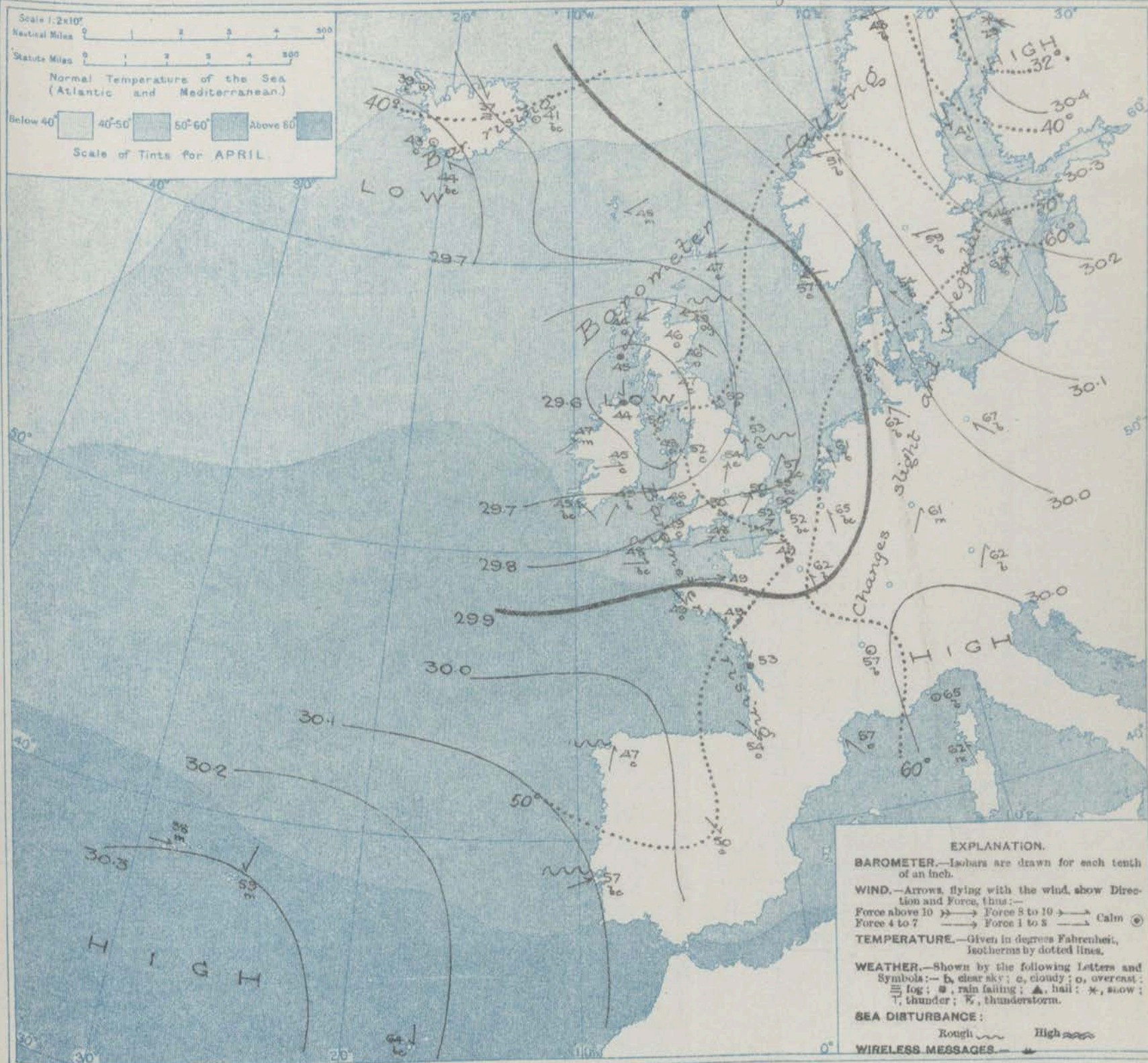
Same as Nos. 2 to 5.

11 WESTERN CHANNEL AND BAY.

Wind between North-West and South-West, occasionally fresh and gusty; sea slight to rather rough; changeable, some rain and mist; cool.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. *Wednesday, 30th* APRIL 1913.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The area of highest pressure, with the barometer above 30.4 in., extends from northern Russia northward to and beyond Spitzbergen. In an anticyclone near the Azores pressure is at 30.3 in. In a depression centred over our north-western districts the barometer is below 29.6 in. The gradient is moderate to slight.

Southerly to Easterly winds prevail from north Germany and Scandinavia across to Iceland, North-Westerly on the Bay of Biscay, Southerly to Westerly over the rest of our area. Nearly everywhere calms or

light to moderate breezes are reported. Over the British Isles temperature ranges from 44° at Malin Head and Skomaway to 57° at Barmouth; on the continent from 47° at Bouenna to 67° at Berlin; in Scandinavia from 29° at Haparanda to 63° at Wisby; and in Iceland from 37° to 44°. At Spitzbergen the reading is 6°. Both at home and abroad the weather is in a variable state, fine in many places, overcast to dull in others, but rain is falling only at Castlebay, Malin Head and Rochafort, snow at Haparanda. The sea is moderate to smooth on nearly all coasts.

DAILY WEATHER REPORT.

Wednesday, 30th April 1913.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward, Homeward, or H.	BAROMETER.		WIND.		WEATHER.	DATE AND HOUR.	POSITION.		NAME OF SHIP.	Outward, Homeward, or H.	BAROMETER.		WIND.		WEATHER.
	Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.			Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
29th 7 a.m.	49	26	Kronland	O	29.60	+0.5	SW	6-7	bc										
" "	48	25	Caronia	O	29.66	+1.0	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.	Oban	0.16	56	42	bc	bc, c	6.5	England, S.E.	Margate	In.	59	47	bc	c	8.0
	Stonehaven								Ramsgate		62	47	#	#	9.0
	St. Andrews	0.25	55	40	bc	p	1.6		Deal	0.01	49	45	b, bc	op, c	5.1
	Carnoustie								Folkestone		60	47	bc, b	c, bc, bc	7.0
England, N.E.	Harrogate	0.11	58	41	c, bc	bc, c	2.5	England, S.W.	Littlestone						7.0
	Scarborough		56	44	bc	bc	7.9		Hastings	0.03	62	46	b, bc, c	op, bc	7.5
England, N.W.	Blackpool	0.06	55	42	c, c	or	1.5		Bexhill-on-Sea	0.03	62	47	bc	bc, c	7.5
	Southport	0.01	56	43	bc, c	op, r	2.0		Eastbourne	0.02	58	42	b, bc	bc, c, c	6.7
	Buxton	0.23	57	40	bc, r	bc	3.8		Seaford	0.06	65	44	r, b, bc	bc	1.0
	Leamington Spa	0.03	63	42	c	o	1.6		Brighton	0.02	68	44	bc	bc, c	7.2
Wales.	Douglas								Worthing		64	48	bc, b	b, bc, c	5.0
	Rhyl	0.14	54	45	or	r	0.2		Littlehampton	0.03					
	Colwyn Bay	0.20	55	46	bc, p	p, r	0.0		Bognor						3.0
	Llandudno	0.21	55	45	op	or	0.0		Southsea		63	46	c, b	bc, c, c	1.0
England, E.	Bettws-y-Coed								Bournemouth	0.75	59	45			1.0
	Aberystwyth	0.12	54	45	r, c	or	0.2		Weymouth	0.22	54	45	cp	or	0.0
	Lowestoft		55	46	c, bc, c	c	10.4		Teignmouth	0.26	52	47	c, or	or	0.0
	Felixstowe		56	52	r	cv	10.0		Torquay	0.20	55	46	c, c	c, c	0.0
England, S.W.	Walton-on-Naze		59	47	b	b, c	10.1		Paignton	0.17	52	46	op	or	0.0
	Southend-on-Sea		62	45	b	b	8.5		Ilfracombe	0.10	57	46	or	r, c	0.0
									Weston-super-Mare	0.25	57	44	cr	r, c, c	0.0

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.																	
VERTICAL COMPONENT OF SOLAR RADIATION PER SQUARE CENTIMETRE DURING YESTERDAY.																				
Total.			Average Rate.			Max. Rate.														
S. Kensington (Roof of M.O.)	66	78	147° Joules.			27.9 Milliwatts.			? Milliwatts.			6.9	S. Kensington (Museum Grounds to 8 p.m.)							

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

30th April 1913.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.26	11.50	7.13
	4.24	11.50	7.16
Greenwich	4.37	11.57	7.17
	4.34	11.57	7.20
Wick	4.23	12.09	7.54
	4.20	12.09	7.55
Valencia	5.16	12.25	7.59
	5.13	12.25	8.02

NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature remained below 55° over a great part of this country, but some localities, mainly inland, passed 60°. Rain fell everywhere, an inch at Scilly, over ½ inch at a number of stations. Thunderstorms visited the southern and south-eastern parts of England. Several localities had no bright sunshine the records in others ranging up to as much as 10½ hours at Spurn Head.

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.

12.25.

913.

ADDITIONS AND CORRECTIONS
TO THE
DAILY WEATHER REPORT.

APRIL, 1913.

ADDITIONS AND CORRECTIONS TO THE

1.—REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					Sun- shine for Yester- day. Hours.		
		BAROM.	TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.	TEMP.		WIND.	Force (0, to 12).	Weather.	Sea (0 to 9).	Rain- fall.	TEMP.		WEATHER.						
			At 35° Fabr. and M.S.L. Lat. 45°.	Dry Bulb.					Direc.	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.
1st	P. Delgada	30.40	54	NNE	5	b	30.45	+03	52	-2	NNE	4	bc	2	0.04	63	52							
2nd	Lisbon	30.36	49	NNW	4	b	30.22	-02	49	-3	S	1	o	6	-	59	46							
3rd	P. Delgada	30.52	53	NNE	3	o	30.53	+01	50	-2	WNW	3	b	2	-	57	50							
4th	P. Delgada	30.58	53	NNE	3	b	30.53	-01	55	+5	NE	4	o	2	-	59	50							
5th	P. Delgada	30.46	55	NE	2	o	30.31	-03	54	-1	N	4	o	1	-	59	54							
6th	Corunna	29.80	50	NW	4	o	29.76	00	44	-6	N	1	f	6	-	54	41							
7th	Lisbon	29.70	53	NNW	4	b	29.74	+04	53	+2	WNW	1	o	6	trace	57	48							
8th	P. Delgada	30.23	52	NNE	3	b	30.07		53	-1	NNE	3	b	2	-	57	52							
9th	Corunna	29.87	53	WNW	1	o	29.88	00	53	+6	WNW	3	o	5	0.08	55	47							
10th	P. Delgada	29.80	52	N	3	bc	29.73	-01	48	-10	NNW	3	b	3	0.12	61	48							
11th	P. Delgada	29.66	50	NNE	2	o	29.65	+04	50	+2	NE	3	bc	2	0.08	55	46							
12th	Lisbon	29.83	52	N	2	b	29.89	+06	49	-2	NE	4	b	5	-	61	48							
13th	P. Delgada	29.91	55	NNE	5	b	29.93	+03	56	+6	NE	5	bc	4	0.04	59	48							
14th	Spitzbergen	29.54	-8	E	3	bc	29.57		-2	+5	NE	5	o											
15th	P. Delgada	30.04	55	NNE	4	bc	30.04	+02	55	+1	NE	5	bc	3	-	59	54							
16th	Isafjord						29.90	+08	29	+7	NE	4	o											
17th	Ruykjavik						29.80	+12	33	+1	W	5	o											
18th	Vestmanna						29.79	+02	35	+4	NW	8	e	2										
19th	Sydney fjord						29.81	-02	28	+15		0	s											
20th	Thorshavn						29.89	-14	28	+2	SSE	5	s											
21st	Lerwick						29.99	-07	28	-4	NW	2	o	2	0.02	33	24	cpq	cpq	o				
22nd	The Helder	29.89	41	NNW	5	c	29.95	+01	37	-6	NNW	5	c	4	0.04	45	34							
23rd	Lorient	30.12	50	NW	3	o	30.12		50	+8	NW	2	o	2	-	54	37							
24th	P. Delgada	30.11	57	NNE	5	o	30.05	-01	55	0	NE	5	bc	3	0.04	59	54							
25th	The Helder	29.79	33	NNE	1	o	29.76	+05	28	-9	N	5	c	2	0.04	37	28							
26th	Brussels	29.75	39	SE	2	r	29.59		31	-6	NE	4	s		0.75	44	29							
27th	P. Delgada	30.05	56	NE	5	m	30.02	00	56	+1	NE	4	bc	2	0.04	59	54							
28th	Spitzbergen	29.91	7		0	s	29.90	00	14	+10		0	o			14	1							
29th	P. Delgada	30.24	55	NNE	4	o	30.29	+02	55	0	NNE	4	o	2	-	59	55							
30th	P. Delgada	30.42	56	NNE	4	o	30.43	+03	55	0	NNE	4	o	2	-	59	54							
31st	Funchal	30.13	59	?	?	b	30.21	+01	61	+1	?	?	bc	?	-	63	46							
32nd	P. Delgada	30.47	59	N	3	o	30.42	+02	57	+2	NNW	3	o	1	-	63	54							
33rd	Frankfurt	29.75	53	SW	5	o	29.66	-01	47	+12	S	2	o		0.20	57	35							
34th	Lorient	29.72	50	W	4	o	29.69		47	-4	WNW	5	bc	5	0.24	52	43							
35th	Lisbon	30.20	56	WNW	3	o	30.19	+03	58	+2	WSW	4	o	5	-	63	55							
36th	P. Delgada	30.45	57	WNW	3	bc	30.43	+01	58	+1	WNW	4	bc	3	-	61	55							
37th	Frankfurt	29.73	46	SW	2	o	29.91	+08	44	-3	SW	2	c		0.20	54	41							
38th	P. Delgada	30.45	59	NNW	2	o	30.43	+01	59	+1	NNW	2	bc	2	0.04	64	55							
39th	P. Delgada	30.47	58	N	1	b	30.41	+01	57	-2	NW	3	b	1	-	66	57							
40th	Sanguinarte	30.05	57	SW	1	m	30.05		57		E	2	m	3	-	63	57							
41st	P. Delgada	30.38	57	NNE	3	c	30.41	+02	57	-3	NE	4	o	2	-	63	57							
42nd	P. Delgada	30.54	57	ENE	3	bc	30.53	+02	56	-1	NE	3	o	2	-	61	55							
43rd	Lorient	30.04	54	W	2	bc	30.04		50	0	NE	2	c	2	-	59	45							
44th	P. Delgada	30.60	55	NNE	3	b	30.58	+01	55	-1	NNE	2	o	1	-	66	55							
45th	P. Delgada	30.55	55	N	4	b	30.45	-01	58	+3	NW	4	bc	2	-	59	54							
46th	Spitzbergen	30.21	6		0	b	30.23	+02	1	-15		0	b		-	19	-6							
47th	Isafjord						29.57	-06	32	-7	NE	9	s											
48th	Ruykjavik						29.14	-04	41	+4	N	8	b											
49th	Vestmanna						29.10	-01	44	+9	ENE	5	c	1	-									
50th	The Helder	29.69	53	SSE	3	c	29.68	+02	54	+7	SSE	4	b	1	-	59	46							
51st	Blacksea Pt.	29.02	47	SSW	5	c	29.20	+04	44	0	S	6	r	5	0.29	48	37	cp	cp	cpq				
52nd	Isafjord	29.43	34	NE	9	s	29.42	+04	32	0	NE	8	o											
53rd	Ruykjavik	29.00	41	N	8	o	29.16	+04	43	+2	NE	3	b											
54th	Vestmanna	28.84	46	NE	5	c	29.12	+03	42	+2	ENE	5	b	2										
55th	Karlstad	30.08	56		0	b	30.17	+04	50	+8	E	2	o			63	41							
56th	P. Delgada	29.91	59	W	4	o	29.87	+02	57	-3	WNW	3	m	2	0.04	64	59							
57th	Isafjord	29.36	37	N	2	b	29.54	+04	34	+2		0	b											
58th	Ruykjavik	29.19	48	E	2	r	29.36	00	43	0	E	2	b											
59th	Vestmanna	29.20	45	ESE	7	b	29.36	+03	44	+2	ESE	4	c	3										
60th	Faerder	30.15	54	N	2	m	30.09	-01	49	+2	NNE	4	m	1	-	55	46							

GALES.

Duration and Extreme Force
on British Coasts.

Additions

18th, Seilly. 1 a.m.
Gusts force 8.

21st, Aberdeen. 9 a.m.
Squall WNW 12.5 mph (8).

Corrections

16th, Blacksea Point 1 p.m.-6 p.m.
Extreme SW 8.

26th, Portland Bill 9 p.m.-Midn.
Extreme SW 8.

GALES.

Duration and Extreme Force on British Coasts.

Additions

18th, Seilly. 1 a.m.
Gusts force 8.
21st, Aberdeen. 9 a.m.
Squall WNW. 15 mph (8).

Corrections

16th, Blacksea Point 1 p.m.-6 p.m.
Extreme SW. 8.
26th, Portland Bill 9 p.m.-Midn.
Extreme SW. 8.

REPORTS FOR APRIL, 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° Fabr. and M.S.L. Lat. 45°.	Dry Bulb.		Dirac.	Force (0 to 12).	At 32° Fabr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.				Dirac.	Force (0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'a. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
1st	Donaghadee	In.	.	.	.	.	In.	In.	.	.	.	.	.	.	In.	.	.	.	.	.	.	.	.
2nd	Brussels	29.77	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3rd	Holyhead	.	.	.	.	.	.	.	.	.	.	.	.	.	.	48	.	.	.	.	.	.	.
4th	Rock's Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	50	.	.	.	.	.	.	.
5th	Holyhead	.	.	.	.	.	.	.	.	.	.	.	.	.	.	53	.	.	.	.	.	.	11.0
6th	Dover	.	.	.	.	.	30.11	.	.	.	.	.	.	.	.	0.04	.	.	.	.	.	.	.
7th	Holyhead	.	.	.	.	.	.	.	.	.	.	.	.	.	.	50	.	.	.	.	.	.	.
8th	Stornoway	.	.	.	.	.	.	.	.	.	.	.	.	.	.	49	.	.	.	.	.	.	.
9th	Holyhead	.	.	.	.	.	.	.	.	.	.	.	.	.	.	52	.	.	.	.	.	.	0.4
10th	Holyhead	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.6
11th	Larne	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12th	London (Wool)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	48	omcbe	beg.b.	b.b.c.	.	.	.	.
13th	Holyhead	.	.	.	.	.	29.89	.	.	.	ENE	3	.	.	.	.	.	.	.	.	.	.	.
14th	Sully	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15th	Spinn Head	29.67	.	.	.	.	29.61	.	.	42	0	.	.	.	.	0.9	.	.	.	.	.	.	.
16th	Sanguinair	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17th	Bocta	30.13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18th	Rock's Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19th	Holyhead	29.58	.	.	.	.	29.62	.	.	.	.	.	.	.	.	.	47	.	.	.	.	.	.
20th	Sanguinair	29.58	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21st	Rock's Point	30.21	48	mmw	2	b	30.25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22nd	Donaghadee	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23rd	Holyhead	30.16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24th	Portlough	29.55	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25th	Donaghadee	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26th	Holyhead	.	.	.	.	.	30.25	.	.	42	+1	.	.	.	.	.	.	.	.	.	.	.	.
27th	Lochm	.	.	.	.	.	.	.	.	42	-3	.	.	.	.	.	.	.	.	.	.	.	.
28th	Wick	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29th	Aburden	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1st	Sanguinair	29.74	.	.	.	.	29.70	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2nd	Portlough	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3rd	Sanguinair	29.64	.	.	.	.	29.60	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4th	Stornoway	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6th	Rock's Head	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7th	Holyhead	.	.	.	.	.	29.69	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8th	Wick	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9th	Lochm	.	.	.	.	.	29.94	.	.	41	-6	.	.	.	.	.	.	.	.	.	.	.	.
10th	Sanguinair	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11th	Portlough	29.97	.	.	.	.	30.01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	11.7
12th	Sanguinair	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13th	Valencia	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14th	Donaghadee	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15th	Rock's Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16th	Lochm (Wool)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17th	Sanguinair	30.00	.	.	.	.	30.01	.	.	42	.	.	.	.	.	.	.	.	.	.	.	.	.
18th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19th	Lochm (Wool)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20th	Sanguinair	30.01	.	.	.	.	29.99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21st	Rock's Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22nd	Lochm, Shields	.	.	.	.	.	30.01	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4.2
23rd	Sanguinair	30.04	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24th	Donaghadee	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25th	Blackhead Pt.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26th	Rock's Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27th	Portlough	29.83	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28th	Wick	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29th	Portlough	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
1st	Larne	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2nd	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3rd	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
4th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19th	Lochm	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20th																								

WIRELESS TELEGRAMS.

ADDITIONS AND CORRECTIONS—APRIL, 1913.

DATE OF REPORT	DATE AND HOUR OF OBSERVATION	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.	DATE OF REPORT.	DATE AND HOUR OF OBSERVATION	POSITION.		NAME OF SHIP.	O = Outward. H = Homeward.	BAROMETER.		WIND.		WEATHER.
		Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.				Lat. N.	Long. W.			Reading.	Change in 3 hours.	Dir.	Force.	
						In.	In.		(0-12).								In.	In.		(0-12).	
ADDITIONS.											CORRECTIONS.										
22nd	21st, Jan.	49	9	Montezuma	H	29.53	-03	ENE	1-3	bc	2nd	1st Jan.			Kronland		+04				
											"	"			Sicilian						c
											3rd	2nd "			- do -				7		
											5th	4th "	51	21	Royal Edward				4		c
											"	" bpm			Olympic		30.10				
											6th	5th, Jan.	49		Royal Edward						c
											"	" bpm			Olympic		29.32				
											"	"			Montcalm				ESE		
											7th	6th, "			Corsican				4		
											8th	7th, Jan.			Montcalm						b
											12th	10th, 1pm G.M.T.	45 1/2	47	Scotia Dry Cell use.	0	29.84 Sea Temp. 36° 3	-07	SSW	4-5	r
											15th	14th, Jan.			Ultoria						o
											"	" bpm			- do -						bc
											16th	15th "			- do -					7	
											"	16th, Jan.			- do -						ogty
											17th	"		16	Dominion						bs
											"	" bpm		12	- do -						
											18th	17th, Jan.			Laurentic						bcp
											"	" bpm			- do -					5	
											"	18th, Jan.			- do -						cp
											19th	"			Franconia						od
											"	"	50	23	Victorian						dcm
											"	"		18	- do -						
											"	"			Franconia						odm
											"	19th, Jan.		12	Victorian						cp
											20th	" bpm			Minnehaha						r
											21st	20th, Jan.			Montezuma					5	
											"	" bpm			- do -					5	
											22nd	21st, Jan.			Royal Edward				WNW		
											"	" bpm			- do -						c
											"	"			Compania						o
											"	22nd, Jan.			Royal Edward		30.18	-03			c
											26th	26th "			Corsican					5	
											30th	29th "		16	Kronland						