METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY TO 30TH JUNE 1912.

DAILY WEATHER REPORT, JANUARY–JUNE, 1912.

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

WYMAN & SONS LTD M.O. PRESS, LONDON, S.W.

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. Means of 1906-1910. Dry Bulb 7 a.m.	Means of 1906-1910. Wet Bulb 7 a.m.	Means of 1876-1910. Daily Maximum.	Means of 1876-1910. Daily Minimum.	Absolute Extremes. 1876-1910. Maximum. Temp.	Maximum. Year.	Minimum. Temp.	Minimum. Year.	RAINFALL. 1876-1910. Days with Rain.	Total Fall.	BRIGHT SUNSHINE. 1881-1910. Average Duration.	Per Centage of Possible Duration.
		In.	°	°	°	°	°		°			In.	Hr.	%
JANUARY.	Sumburgh Head	29·686	39·1	37·6	42·5	35·4	52	1898	16	1910	27	3·94	—	—
	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]‡‡	[43·2]‡‡	[41·4]‡‡	[46·0]‡‡	[38·7]‡‡	[52]‡‡	[1908, 09, 10]‡‡	[28]‡‡	[1910]‡‡	[27]‡‡	[3·39]‡‡	[36]‡‡	[16]‡‡
	Malin Head	29·878	41·8	40·9	[44·5]‡	[37·5]‡	[55]‡	[1898]‡	[23]‡	[1894]‡	[22]‡	[2·74]‡	—	—
	Blacksod Point	29·961	44·6	42·7	[46·5]‡	[38·8]‡	[56]‡	[1890]‡	[26]‡	[1891, 94]‡	[26]‡	[5·13]‡	—	—
	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	36·5	43·1	35·0	58	1898	9	1881	17	2·09	[79]‡‡	[32]‡‡
	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]‡	[1901, 03, 05]‡	[23]‡	[1907]‡	16	2·20	—	—
	Dungeness	30·081	39·2	37·9	43·5	34·6	55	1878, 98	11	1893	16	[1·82]‡	—	—
	Dover	[30·002]‡‡	[37·2]‡‡	[36·1]‡‡	[43·1]‡‡	[33·1]‡‡	[53]‡‡	[1908]‡‡	[17]‡‡	[1910]‡‡	[14]‡‡	[1·92]‡‡	[84]‡‡	[33]‡‡
	Wick	29·763	37·3	36·1	42·4	33·0	60	1898	− 4	1881	21	2·42	—	—
	Nairn	29·811	37·5	36·1	42·6	31·9	59	1887	4	1910	18	1·93	[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	1880, 98	6	1881	14	1·53	—	—
	Spurn Head	29·996	37·7	36·7	41·9	34·6	[55]*	[1898]*	[13]*	[1881]*	15	1·20	—	—
	Yarmouth	30·042	37·3	36·1	41·5	33·4	57	1899	10	1881	17	1·59	[79]‡‡	[32]‡‡
	Clacton-on-Sea	30·084	37·2	36·2	41·5	33·6	[54]§	[1901, 05]§	[21]§	[1907]§	15	1·26	[77]¶	[30]¶
	Nottingham	30·047	36·7	35·6	42·4	32·3	58	1877	2	1881	19	1·77	[43]‖	[17]‖
	Bath	30·113	38·5	37·4	44·2	33·6	[57]†	[1883]†	[11]†	[1881]†	16	2·33	46	18
	Oxford	30·121	37·1	35·7	42·9	33·0	56	1877, 90, 1906	7	1881	15	1·79	51	20
	LONDON { Westminster	30·092	38·5	37·1	[44·6]¶	[34·6]¶	[56]¶	[1910]¶	[20]¶	[1908]¶	[12]¶	[1·50]¶	22	9
	LONDON { Kew	30·110	38·0	36·3	42·8	34·2	56	1877, 1910	9	1881	15	1·70	44	17
FEBRUARY.	Sumburgh Head	29·603	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]‡‡	[42·7]‡‡	[40·9]‡‡	[45·7]‡‡	[39·0]‡‡	[50]‡‡	[1909]‡‡	[29]‡‡	[1908]‡‡	[23]‡‡	[3·33]‡‡	[51]‡‡	[20]‡‡
	Malin Head	29·777	40·8	39·8	[44·4]‡	[37·2]‡	[59]‡	[1891]‡	[20]‡	[1895]‡	[19]‡	[2·31]‡	—	—
	Blacksod Point	29·879	43·0	41·1	[46·6]‡	[38·1]‡	[61]‡	[1891]‡	[24]‡	[1902]‡	[22]‡	[3·80]‡	—	—
	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	45·5	36·1	57	1897, 1903	16	1895	18	2·31	—	—
	Liverpool (Observatory)	29·895	37·8	36·2	44·2	35·6	62	1878	12	1895	16	1·76	[88]‡‡	[32]‡‡
	Holyhead	29·890	41·3	40·1	45·3	38·1	59	1891	17	1895	17	2·44	—	—
	Pembroke (St. Ann's Hd.)	29·934	42·0	40·4	45·6	39·0	56	1903	23	1895	17	2·57	77	28
	Scilly (St. Mary's)	30·139	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]‡	[1905]‡	[25]‡	[1900]‡	13	1·87	—	—
	Dungeness	29·932	38·0	36·7	44·2	35·2	57	1897	11	1889	15	[1·40]‡	—	—
	Dover	[29·982]‡‡	[38·0]‡‡	[36·8]‡‡	[44·8]‡‡	[34·6]‡‡	[55]‡‡	[1909]‡‡	[26]‡‡	[1909]‡‡	[17]‡‡	[1·42]‡‡	[93]‡‡	[33]‡‡
	Wick	29·662	36·8	35·3	42·8	32·6	59	1878	2	1895	19	2·24	—	—
	Nairn	29·715	36·3	34·8	43·6	31·5	64	1891	0	1895, 97	16	1·73	[85]**	[33]**
	Aberdeen	29·759	37·0	35·4	43·1	33·1	64	1897	6	1895	17	2·11	76	29
	Leith	29·777	38·1	36·1	45·3	33·8	59	1882	12	1895	14	1·45	—	—
	North Shields	29·813	37·1	35·8	44·3	33·8	60	1898, 99	7	1895	14	1·43	—	—
	Spurn Head	29·850	37·5	36·4	42·8	35·4	[61]*	[1899]*	[20]*	[1895]*	13	1·26	—	—
	Yarmouth	29·898	37·1	35·8	42·6	33·9	58	1898	15	1895	16	1·58	[81]‡‡	[30]‡‡
	Clacton-on-Sea	29·935	36·8	35·8	43·1	34·1	[58]§	[1903]§	[20]§	[1901]§	12	1·35	[86]¶	[31]¶
	Nottingham	29·899	36·5	35·2	44·6	33·3	61	1899	2	1895	17	1·61	[62]‖	[23]‖
	Bath	29·965	37·4	36·4	46·2	34·3	[62]†	[1899]†	[16]†	[1902]†	14	2·12	73	26
	Oxford	29·965	36·7	35·3	45·2	34·0	64	1891	7	1895	14	1·69	70	25
	LONDON { Westminster	29·940	38·0	36·5	[46·0]¶	[35·3]¶	[56]¶	[1909, 10]¶	[23]¶	[1909]¶	[15]¶	[1·28]¶	37	13
	LONDON { Kew	29·958	37·4	35·6	44·8	35·1	62	1899	11	1895	14	1·59	60	22
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]‡‡	[41·0]‡‡	[39·3]‡‡	[45·0]‡‡	[35·2]‡‡	[50]‡‡	[1908]‡‡	[28]‡‡	[1909]‡‡	[21]‡‡	[2·47]‡‡	[102]‡‡	[28]‡‡
	Malin Head	29·850	40·5	39·5	[45·9]‡	[37·7]‡	[62]‡	[1894]‡	[25]‡	[1906]‡	[20]‡	[2·35]‡	—	—
	Blacksod Point	29·904	43·0	41·3	[47·9]‡	[38·7]‡	[64]‡	[1894, 99]‡	[26]‡	[1891, 00, 09]‡	[24]‡	[4·00]‡	—	—
	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	1890	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	1886	16	1·83	[121]‡‡	[33]‡‡
	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, 91	18	2·28	145	40
	Jersey (St. Aubin's)	29·995	42·3	40·3	49·7	39·8	66	1893, 94, 03	21	1890	17	2·40	152	42
	Portland Bill	29·922	41·4	40·1	47·6	38·6	[59]‡	[1900]‡	[26]‡	[1909]‡	14	1·74	—	—
	Dungeness	29·934	39·1	38·1	46·7	36·3	60	1903	12	1909	15	[1·63]‡	—	—
	Dover	[29·861]‡‡	[38·6]‡‡	[37·5]‡‡	[45·3]‡‡	[34·7]‡‡	[57]‡‡	[1910]‡‡	[17]‡‡	[1909]‡‡	[18]‡‡	[2·23]‡‡	[127]‡‡	[35]‡‡
	Wick	29·805	37·3	35·9	44·8	33·6	62	1894	10	1900	21	2·25	—	—
	Nairn	29·826	36·2	34·8	46·1	32·6	66	1907	6	1892	18	1·93	[122]**	[34]**
	Aberdeen	29·853	37·7	36·2	45·6	34·1	66	1889, 91, 92	10	1889	20	2·42	117	32
	Leith	29·861	38·9	36·9	47·7	34·5	68	1884	19	1879, 81, 89	16	1·68	—	—
	North Shields	29·888	37·8	36·4	46·7	34·3	67	1907	15	1889	15	1·74	—	—
	Spurn Head	29·893	38·5	37·4	45·3	36·2	[62]*	[1890, 93, 03]*	[24]*	[1886]*	15	1·33	—	—
	Yarmouth	29·913	38·0	36·6	45·3	35·2	65	1906	18	1892	16	1·66	[125]‡‡	[34]‡‡
	Clacton-on-Sea	29·945	37·9	37·2	45·9	35·4	[59]§	[1906]§	[19]§	[1909]§	13	1·32	[146]¶	[40]¶
	Nottingham	29·930	37·1	36·1	48·3	34·1	68	1884	14	1909	18	1·59	[116]‖	[32]‖
	Bath	29·968	37·8	36·6	49·5	34·5	[67]†	[1907]†	[13]†	[1909]†	14	2·05	119	33
	Oxford	29·978	38·1	36·5	49·1	34·5	69	1907	15	1891	14	1·52	115	32
	LONDON { Westminster	29·948	38·5	37·2	[49·6]¶	[36·1]¶	[68]¶	[1907]¶	[18]¶	[1909]¶	[18]¶	[1·78]¶	73	20
	LONDON { Kew	29·966	37·9	36·2	48·6	35·7	67	1896	17	1909	13	1·59	109	30

* Results for 30 years, 1881-1910.
† " 26 " 1876-1884 and 1899-1910.
‡ " 25 " 1886-1910.
At Birr Castle and Oxford the averages are for 8 a.m.

‡‡ Results for 11 years, 1900-1910.
§ " 10 " 1901-1910.
‖ " 7 " 1904-1910.

¶ Results for 6 years, 1905-1910.
** " 4 years, 1907-1910.
‡‡ " 3 " 1908-1910.

METEOROLOGICAL OFFICE,
South Kensington, London, S.W.
MARCH, 1911.

(19358—24.) Wt 40665—7402. 4,000. 3/11. D & S.

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. 45°).	AIR TEMPERATURE. Means of 1906-1910. Dry Bulb 7 a.m.	Means of 1906-1910. Wet Bulb 7 a.m.	Means of 1876-1910. Daily Maximum.	Means of 1876-1910. Daily Minimum.	Absolute Extremes. 1876-1910. Maximum. Temp.	Maximum. Year.	Minimum. Temp.	Minimum. Year.	RAINFALL. 1876-1910. Days with Rain.	Total Fall.	BRIGHT SUNSHINE. 1881-1910. Average Duration.	Per Centage of Possible Duration.
		In.	°	°	°	°	°		°			In.	Hr.	%
APRIL.	Sumburgh Head	29·844	39·8	38·2	45·9	36·9	59	1901	21	1899	19	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]‡‡	[42·3]‡‡	[40·5]‡‡	[47·2]‡‡	[39·7]‡‡	[54]‡‡	[1908]‡‡	[27]‡‡	[1908]‡‡	[21]‡‡	[3·26]‡‡	[177]‡‡	[42]‡‡
	Malin Head	29·867	42·3	40·9	[49·4]‡	[40·7]‡	[67]‡	[1900]‡	[26]‡	[1908]‡	[19]‡	[1·90]‡	—	—
	Blacksod Point	29·914	45·0	43·0	[51·4]‡	[41·9]‡	[71]‡	[1893]‡	[29]‡	[1897]‡	[20]‡	[2·95]‡	—	—
	Valencia	29·955	44·9	43·0	53·4	42·5	70	1892	30	1879, 92, 97, 98, 06	20	3·93	159	39
	Roche's Point	29·957	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	16	2·21	153	37
	Donaghadee	29·933	41·5	40·1	50·7	40·1	67	1909	28	1908	16	2·07	—	—
	Liverpool (Observatory)	29·936	42·3	40·2	52·3	40·1	75	1893	28	1908	14	1·69	[175]‡‡	[42]‡‡
	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
	Scilly (St. Mary's)	30·066	45·9	44·0	52·6	44·7	66	1893	32	1876	16	2·13	181	44
	Jersey (St. Aubin's)	29·961	46·2	43·9	54·3	43·6	77	1893	32	1876, 92, 00, 03, 08, 10.	15	2·13	193	47
	Portland Bill	29·938	44·1	42·3	51·7	42·3	[65]‡	[1901, 04]‡	[30]‡	[1908]‡	13	1·65	—	—
	Dungeness	29·922	43·8	42·2	51·5	40·7	67	1901	24	1903	13	[1·34]‡	—	—
	Dover	[29·944]‡‡	[43·9]‡‡	[42·3]‡‡	[52·0]‡‡	[39·6]‡‡	[65]‡‡	[1909]‡‡	[29]‡‡	[1908]‡‡	[15]‡‡	[1·94]‡‡	[200]‡‡	[49]‡‡
	Wick	29·859	40·3	38·5	49·1	36·7	69	1900	20	1905	18	1·96	—	—
	Nairn	29·872	39·7	37·5	51·4	36·0	71	1900	18	1908	16	1·45	[144]**	[34]**
	Aberdeen	29·899	41·3	39·5	49·5	37·6	74	1900	22	1908	18	2·09	157	37
	Leith	29·904	42·2	40·0	52·2	37·8	73	1900	17	1908	14	1·46	—	—
	North Shields	29·915	41·0	39·4	49·9	37·7	71	1892	23	1908	15	1·63	—	—
	Spurn Head	29·909	42·4	41·0	49·2	40·0	[67]*	[1885]*	[30]*	[1881, 89, 03, 05]*	14	1·19	—	—
	Yarmouth	29·921	42·8	40·7	49·4	39·7	72	1885	25	1878	15	1·61	[206]‡‡	[50]‡‡
	Clacton-on-Sea	29·936	43·4	41·5	50·7	40·1	[69]§	[1907, 09]§	[29]§	[1903]§	12	1·50	[188]¶	[46]¶
	Nottingham	29·937	42·5	39·8	54·1	37·9	79	1876	23	1888	13	1·63	[152]‖	[37]‖
	Bath	29·960	42·7	40·9	54·6	38·7	[74]†	[1901]†	[26]†	[1906, 08]†	13	2·17	149	36
	Oxford	29·965	43·7	41·1	54·9	38·6	80	1893	23	1892	14	1·73	153	37
	LONDON Westminster	29·941	43·0	41·2	[54·9]¶	[40·2]¶	[72]¶	[1907]¶	[29]¶	[1910]¶	[16]¶	[1·80]¶	121	29
	LONDON Kew	29·957	42·5	40·3	54·7	39·5	73	1900, 01	27	1887, 91	13	1·66	153	37
MAY.	Sumburgh Head	29·904	43·8	42·1	49·9	40·2	63	1895	27	1877	18	1·91	—	—
	Stornoway	29·893	46·4	44·5	53·3	41·2	75	1908	26	1906	19	2·53	192	37
	Castlebay (Barra Isd.)	[29·940]‡‡	[48·2]‡‡	[46·1]‡‡	[53·7]‡‡	[45·3]‡‡	[70]‡‡	[1908, 10]‡‡	[32]‡‡	[1909]‡‡	[21]‡‡	[2·45]‡‡	[220]‡‡	[44]‡‡
	Malin Head	29·868	46·9	46·0	[54·1]‡	[44·9]‡	[73]‡	[1908]‡	[35]‡	1886, 91, 97, 04, 06, 10	[18]‡	[2·10]‡	—	—
	Blacksod Point	29·890	49·3	47·5	[55·9]‡	[45·9]‡	[75]‡	[1890]‡	[34]‡	[1910]‡	[19]‡	[2·87]‡	—	—
	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]‡‡	[49]‡‡
	Holyhead	29·927	49·7	48·0	55·8	45·6	74	1895	37	1894, 03, 07, 09	14	1·97	—	—
	Pembroke (St. Ann's Hd.)	29·926	48·5	47·3	55·0	45·9	72	1890, 1910	34	1879	14	1·94	219	46
	Scilly (St. Mary's)	30·054	50·2	48·6	56·4	48·2	67	1896	38	1883	13	1·74	231	49
	Jersey (St. Aubin's)	29·976	52·4	49·9	59·5	47·6	78	1908	35	1905, 06	13	1·90	244	52
	Portland Bill	29·951	49·7	48·1	56·8	46·5	[72]‡	[1910]‡	[36]‡	[1902]‡	12	1·47	—	—
	Dungeness	29·951	50·3	48·7	57·3	46·0	76	1892	30	1892, 02	12	[1·34]‡	—	—
	Dover	[30·034]‡‡	[51·5]‡‡	[49·1]‡‡	[58·9]‡‡	[45·7]‡‡	[77]‡‡	[1909]‡‡	[35]‡‡	[1909, 10]‡‡	[12]‡‡	[1·76]‡‡	[250]‡‡	[52]‡‡
	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	56·6	40·9	78	1888	26	1894	16	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	1·51	—	—
	Yarmouth	29·950	50·2	47·6	55·3	44·9	75	1909	32	1891, 92	14	1·80	[261]‡‡	[54]‡‡
	Clacton-on-Sea	29·961	50·7	48·4	56·7	45·1	[75]§	[1909]§	[31]§	[1902]§	10	1·38	[231]¶	[48]¶
	Nottingham	29·953	49·7	48·0	60·2	42·8	82	1895	25	1879	16	1·95	[174]‖	[36]‖
	Bath	29·973	50·9	48·6	61·2	43·8	[79]†	[1884, 1909]†	[29]†	[1902]†	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]¶	[46·7]¶	[81]¶	[1909]¶	[33]¶	[1906]¶	[12]¶	[1·51]¶	171	36
	LONDON Kew	29·973	50·7	48·0	61·1	44·5	84	1895	30	1877	13	1·76	201	42
JUNE.	Sumburgh Head	29·924	48·0	46·7	54·0	44·9	70	1891	33	1888	15	1·71	—	—
	Stornoway	29·951	51·0	48·9	58·4	46·3	76	1893, 02, 05	31	1888	16	2·42	179	34
	Castlebay (Barra Isd.)	[30·010]‡‡	[51·9]‡‡	[49·6]‡‡	[57·2]‡‡	[49·1]‡‡	[71]‡‡	[1908, 10]‡‡	[44]‡‡	[1908, 10]‡‡	[14]‡‡	[1·94]‡‡	[209]‡‡	[40]‡‡
	Malin Head	29·947	51·5	50·3	[58·8]‡	[49·8]‡	[78]‡	[1905]‡	[40]‡	[1902, 07]‡	[16]‡	[2·16]‡	—	—
	Blacksod Point	29·982	53·6	51·7	[60·8]‡	[51·0]‡	[82]‡	[1887]‡	[40]‡	[1894, 07]‡	[17]‡	[2·78]‡	—	—
	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	33
	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]‡‡	[40]‡‡
	Holyhead	29·986	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
	Scilly (St. Mary's)	30·135	54·4	52·6	61·3	53·2	75	1893	41	1888	14	1·76	238	49
	Jersey (St. Aubin's)	30·059	56·7	54·3	64·8	52·9	84	1878, 93	39	1890	12	2·09	239	50
	Portland Bill	30·004	54·1	52·4	61·9	52·1	[78]‡	[1903]‡	[43]‡	[1903]‡	10	1·51	—	—
	Dungeness	29·987	55·3	53·1	62·8	52·0	77	1878	37	1890, 1, 2, 3, 09	12	[1·56]‡	—	—
	Dover	[29·990]‡‡	[55·8]‡‡	[53·4]‡‡	[63·1]‡‡	[50·4]‡‡	[80]‡‡	[1908]‡‡	[39]‡‡	[1909]‡‡	[14]‡‡	[2·53]‡‡	[207]‡‡	[42]‡‡
	Wick	29·939	50·3	48·2	58·5	45·4	79	1878	30	1881, 1903	15	1·82	—	—
	Nairn	29·948	51·5	48·9	62·2	46·5	86	1876	30	1888, 1903	15	1·82	[163]**	[31]**
	Aberdeen	29·964	52·8	49·9	60·2	47·0	80	1881, 87	30	1888	15	1·82	184	35
	Leith	29·962	53·4	50·2	63·1	48·2	86	1887	34	1886	14	1·82	—	—
	North Shields	29·973	52·9	50·6	60·5	47·9	80	1897	36	1907, 09	13	1·81	—	—
	Spurn Head	29·967	53·5	51·4	60·5	50·7	[80]*	[1885]*	[34]*	[1881]*	12	1·50	—	—
	Yarmouth	29·974	54·7	52·1	61·8	51·1	81	1877, 88	37	1898	12	1·78	[212]‡‡	[43]‡‡
	Clacton-on-Sea	29·990	55·4	53·0	63·5	50·7	[78]§	[1903]§	[38]§	[1902]§	11	1·62	[204]¶	[42]¶
	Nottingham	29·989	54·1	51·8	67·1	48·7	89	1878	33	1906	14	2·11	[174]‖	[35]‖
	Bath	30·024	55·2	52·4	66·6	49·9	[87]†	[1878]†	[37]†	[1903]†	11	2·42	193	39
	Oxford	30·019	55·7	52·5	66·9	50·0	86	1876, 93	35	1892, 93	12	2·33	191	39
	LONDON Westminster	29·994	55·4	52·5	[66·5]¶	[51·8]¶	[81]¶	[1908]¶	[43]¶	[1906, 09]¶	[14]¶	[2·75]¶	168	34
	LONDON Kew	30·010	55·1	52·0	67·5	50·8	87	1900	37	1880	13	2·25	194	40

* Results for 30 years, 1881-1910.
† " 26 " 1876-1884 and 1899-1910.
‡ " 25 " 1886-1910.
At Birr Castle and Oxford the averages are for 8 a.m.

‡ Results for 11 years, 1900-1910.
§ " 10 " 1901-1910.
‖ " 7 " 1904-1910.

¶ Results for 6 years, 1905-1910.
** " 4 years, 1907-1910.
‡‡ " 3 " 1908-1910.

METEOROLOGICAL OFFICE,
South Kensington, London, S.W.
May, 1911.

(20066—24.) Wt 40665—7402. 4000. 5/11. D & S.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday, 1st May, 1912.

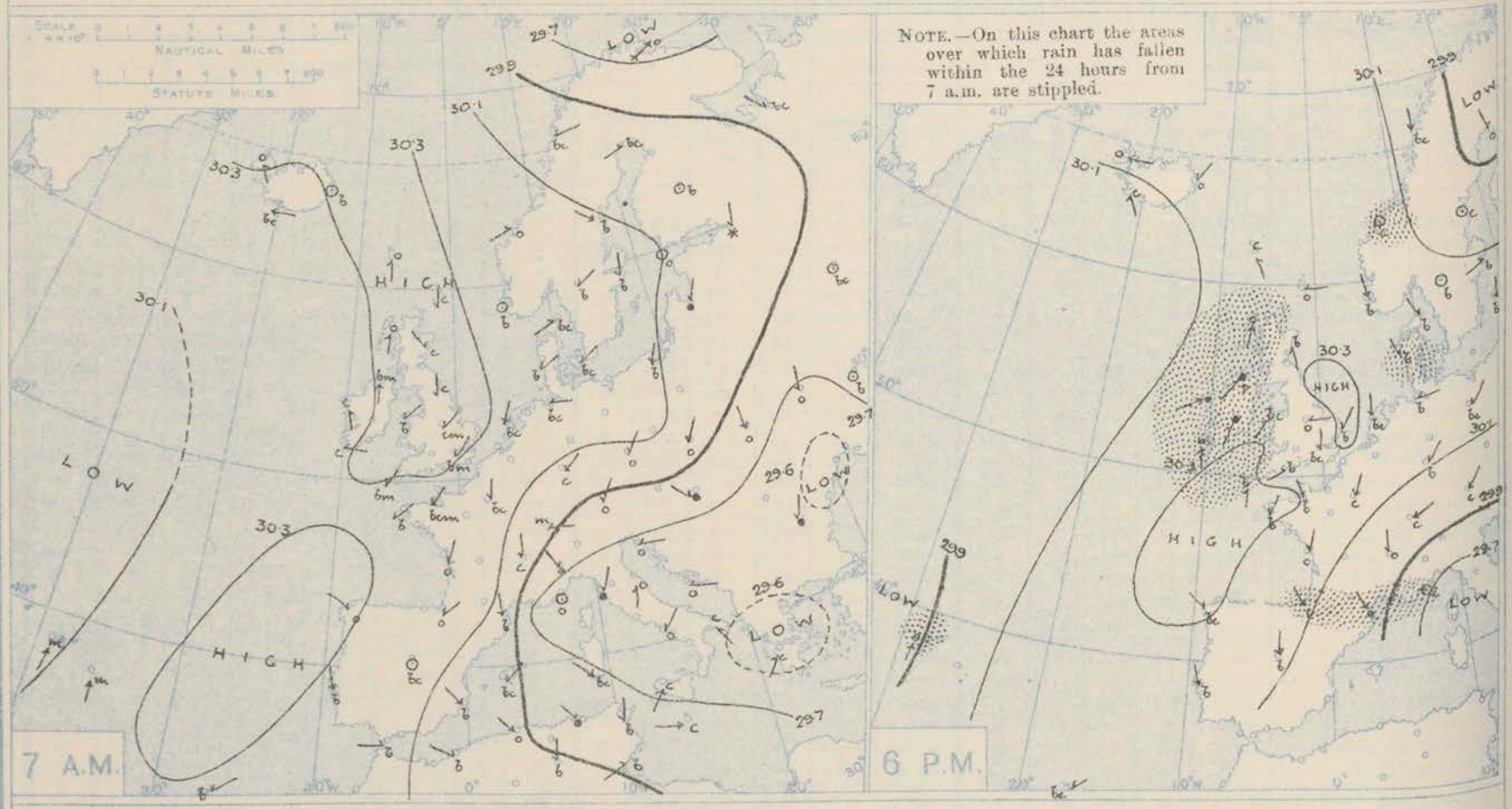
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	30·28	43	E	1	o	30·08	−·05	44	+1	ESE	4	c	2	–	45	40	*	bc	o	bc
	Stornoway	30·18	49	SSW	5	o	29.93	−·07	48	+2	SSW	5	o	4	0.08	52	45	5·9	bc.cq	c.o	odp
	Castlebay (Barra Isd.)	30·19	47	SSE	4	r	29.98	−·01	48	o	WNW	2	o	3	0.35	50	45	6.4	c.bc	c.or	d.or
	Malin Head... ...	30·18	51	SW	3	m	80.04	−·03	51	+7	SW	4	o	2	0.01	58	43	*	bc	g	ogm
	Blacksod Point ...	30·16	51	WSW	4	r	30.08	·00	52	+2	SW	4	m	3	0.14	52	48	*	omr	omd	omd
	Valencia	30·24	53	S	2	m	30·19	−·01	53	+8	SW	1	om	4	0·08	55	49	0·3	md	m	om
	Roche's Point ...	30·29	51	SSW	3	o	30.21	*	53	+5	SW	1	o	2	0.03	56	40	*	b.bc.c	c.o	op.om
	Birr Castle	30.22	55	SW	2	r	30.14	*	52	+10	SW	2	c	*	0.06	62	41	7·9	bc	c.or	o.c
	Donaghadee ...	30·27	48	SE	2	c	30.12	−·03	50	+5	SSE	1	r	1	0.10	50	44	*	bem	otm	gd
	Liverpool Obsy. ...	30.28	49	NNW	1	bc	30·22	−·02	43	o	SSE	2	o	2	–	52	41	8.4	bm	bc	b
	Holyhead	30·27	50	SW	3	bc	30.18	−·01	49	+2	SW	2	o	1	0.04	56	46	*	bem	om	gmdp
	Pembroke (St. Ann's Hd.)	30·30	50	S	3	bc	30·22	−·03	48	−1	SSW	4	ogr	4	0.03	52	45	11.3	bem	bc	bc
	Newquay	30·29	52	W	2	b	30·25	−·01	48	o	SW	1	or	1	0·05	56	40	12·0	b	bv	b.or
	Scilly (St. Mary's) ...	30·31	53	SSE	2	bm	30·25	−·01	49	−2	SW	4	odm	3	0.02	57	48	12·2	bm	bm	b
	Jersey (St. Aubin) ...	30·30	52	NNW	3	b	30·31	+	48	o	NW	3	bm	3	–	56	36	13·3	og.c.b	bc	bm
	Portland Bill ...	30·28	50	WSW	3	b	30.29	+·01	50	+5	NW	2	bc	2	–	55	44	13·6	bc	c	b.bc
	Dungeness	30·25	49	ENE	3	c	30.25	+·01	45	−1	–	o	c	2	Trace	54	39	10.3	c	c	bc.c
	Dover	30·28	47	NE	3	b	30.27	*	48	+2	–	o	b	2	–	53	37	11·7	c.bc	b	b
	Wick	30·25	44	SSE	3	bc	30·01	−·05	46	+3	S	2	pm	3	Trace	47	42	*	bc	b.bc	c.opm
	Nairn	30·19	50	E	1	c	30·02	*	47	+11	–	o	o	o	0.02	54	35	11·6	b.	c.	p.o
	Aberdeen	30·28	45	SSE	3	b	30·08	−·05	45	+2	S	3	o	2	–	54	42	8.1	bc.b	b	b.bc.o
	Leith	30·24	51	ENE	2	b	30·12	−·03	47	+3	SE	1	o	*	–	54	43	*	o.c	bc.b	c
	North Shields ...	30·30	46	E	3	b	30·20	−.02	38	−4	SSW	3	c	3	–	49	34	9·8	c	b	c
	Spurn Head ...	30·30	45	NE	3	b	30·23	·00	45	+2	SSW	3	b	3	–	50	38	*	bev	bev	bev
	Yarmouth	30·30	47	NNE	2	b	30.27	+·01	44	−4	WSW	1	bc	1	–	53	41	13·5	bc	bc.b	c.bc
	Clacton-on-Sea ...	30·30	47	E	2	c	30·28	·00	49	+4	ENE	1	c	o	–	52	43	7·1	b.bc.c	c	c.bc.c
	Nottingham... ...	30·28	48	E	1	o	30·24	*	34	−7	WSW	1	bmz	*	–	53	28	0·5	cm	cg.o	a.cm.b
	Bath	30·28	57	NNW	1	b	30·27	*	45	+6	W	1	b	*	–	59	36	12·3	–	–	–
	Oxford	30.30	45	–	o	b	30·27	*	47	o	WSW	1	b	*	–	56	35	*	b.bc.c	c	bc.bmc
	London (Kew Obsy.)...	30·29	53	N	1	bc	30·27	·00	46	+4	SW	1	om	*	–	54	40	11·8	bm.bc.c	c.bc	bc.by
ICELAND & FAEROE.	Isafjord...	30·20	42	E	4	c	30·13	·00	38	−4	NE	6	o	*	*	*	*				
	Reykjavik	30·02	35	SE	3	c	29.90	·00	38	−5	–	o	b	*	*	*	*				
	Vestmanna	30·04	46	E	4	c	29.95	+·01	43	+2	–	o	o	2	*	*	*				
	Seydisfjord	30·20	46	NE	3	o	30·12	−·01	36	+1	NE	5	r	*	*	*	*				
	Thorshavn	30·22	44	SSE	3	c	29.92	−·05	44	+3	S	3	r	*	*	*	*				
SCANDINAVIA.	Haparanda	29·83	33	NW	2	o	29.97	+·04	34	+1	N	2	c	*	–	39	28				
	Hernösand	30·02	45	–	o	c	30·03	+·02	42	+5	NW	2	bc	*	–	48	36				
	Stockholm	30·11	36	WSW	2	b	30·06	+·01	44	+8	N	2	b	*	–	48	32				
	Wisby	30·20	34	N	2	b	30·07	−·01	44	+11	WSW	4	b	*	–	45	32				
	Karlstad	30·14	41	–	o	b	30·12	·00	42	+6	–	o	b	*	–	48	32				
	Færder (X'tania Fjord)	30·16	45	SW	2	b	30·12	·00	42	+2	NNE	2	m	2	–	48	39				
	Bodö	30·08	36	N	4	bc	30·09	+·01	36	o	N	3	o	2	–	39	34				
	Christiansund ...	30·21	42	–	o	c	30·15	−·02	41	o	–	o	m	1	0·04	43	39				
	Skudesnaes	30·23	42	NNW	6	b	30·18	·00	42	−2	NNW	2	o	1	–	50	41				
	The Scaw (Skagen)...	30·21	42	NW	2	b	30·16	−·01	44	−1	WSW	3	b	1	–	52	36				
	Blaavands Huk ...	30·26	43	NW	1	b	30·26	−·01	45	−1	WNW	2	bc	1	0·04	50	41				
GERMANY, &c.	Cuxhaven	30·25	46	E	2	b	30·29	+·02	47	+4	S	1	b	*	–	50	34				
	The Helder	30·28	46	N	3	b	30·28	+·01	46	−1	NNE	1	b	1	–	50	43				
	Brussels	30·22	44	NNW	2	b	30·25	+·03	45	−1	–	o	b	*	–	56	36				
	Berlin	30·20	44	NE	3	bc	30·24	+·03	40		SE	1	bc	*	Trace	50	34				
	Frankfurt	30·11	46	NE	3	b	30·17	+·03	43	−·1	NE	2	b	*	–	54	36				
	Munich	30·04	44	NE	5	c	30·13	+·02	41	−4	NE	5	o	*	–	54	36				
FRANCE.	C. Gris Nez... ...	30·28	47	NNE	4	b	30·28	+·01	47	o	N	1	o	1	–	54	43				
	La Hève	30·25	47	NE	3	b	30·28	*	48	+6	ESE	1	o	o	–	54	41				
	Brest (St. Mathieu) ...	30·34	53	NNE	3	b	30·36	+·01	45	−2	E	1	b	2	–	59	41				
	Lorient (Bec Melen)...	30·23	54	NE	4	b	30·25	*	45	−3	NE	2	b	2	–	66	41				
	Rochefort (Ile d' Aix)	30·17	55	NNE	3	o	30·25	*	45	−1	NNE	3	b	*	–	59	43				
	Biarritz	30·14	54	NNW	4	c	30·17	*	49	+2	ENE	3	b	2	0·12	55	46				
	Paris	30·17	51	N	4	b	30·25	+·02	42	−3	NNE	4	b	*	–	59	35				
	Belfort	30·02	47	ENE	6	c	30·06	*	46	+5	ENE	4	m	*	–	52	39				
	Lyons	29·97	49	N	2	o	30·03	*	46	o	NE	1	c	*	–	56	?46				
	Nice	29·73	50	–	o	c	29.79	+·03	54	+2	–	o	b	1	0·24	59	45				
	Perpignan	29·99	45	NW	5	r	30·00	+·02	49	−1	NW	5	o	*	0·04	59	47				
	Sanguinaire	29·69	59	WNW	5	m	29·73	*	56	−2	WNW	4	o	5	–	63	48				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.) ...	30·34	57	NW	2	bc	?30·31	·00	50	−4	NNW	1	f	2	–	59	46				
	Lisbon (9 a.m.) ...	30·18	56	NNW	5	b	30·14	+·01	59	+1	NNE	4	b	2	–	66	52				
	Gibraltar							*						*		*	*				
	Azores (P. Delgada)																				
	Azores (Horta) ...	29·86	62	S	5	o	29·71	+·03	59	−4	SSW	4	bc	3	0·32	64	55				
	Madeira (Funchal) ...	30·21	62	ENE	3	bc	30·12	−·02	61	−1	ENE	3	bc	3	–	64	48				

DURATION AND EXTREME FORCE OF GALES 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. 30TH APRIL.



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to between 55° and 60° at most of our western and southern stations, and to 62° at Birr Castle; on the north-east coast of England it scarcely touched 50°. Ground frost was again experienced over England at night; on the surface of the grass the thermometer fell to 23° at Nottingham, 25° at Oxford, and 26° at Kew. Very little bright sunshine was recorded in the north of England; elsewhere the duration was large. Slight rain was experienced in the west and north of our islands.

WEATHER PROSPECTS.

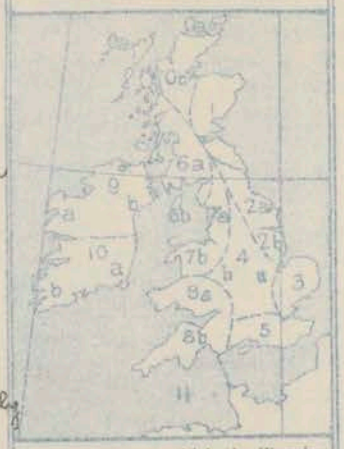
FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

0 {a, b} Southerly and South-Westerly winds, moderate or fresh; cloudy, occasional rain; becoming milder

1, 2 {a, b} Southerly and South-Westerly winds, light or moderate; fair at first, some rain later; becoming milder.

3, 4 {a, b}, 5 Southerly and South-Westerly winds, light; fair to-day, some rain to-night or early to-morrow; becoming milder.

FORECAST DISTRICTS.



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} Southerly and South-Westerly winds, moderate; mild, cloudy, occasional rain, mist or fog locally on coast.

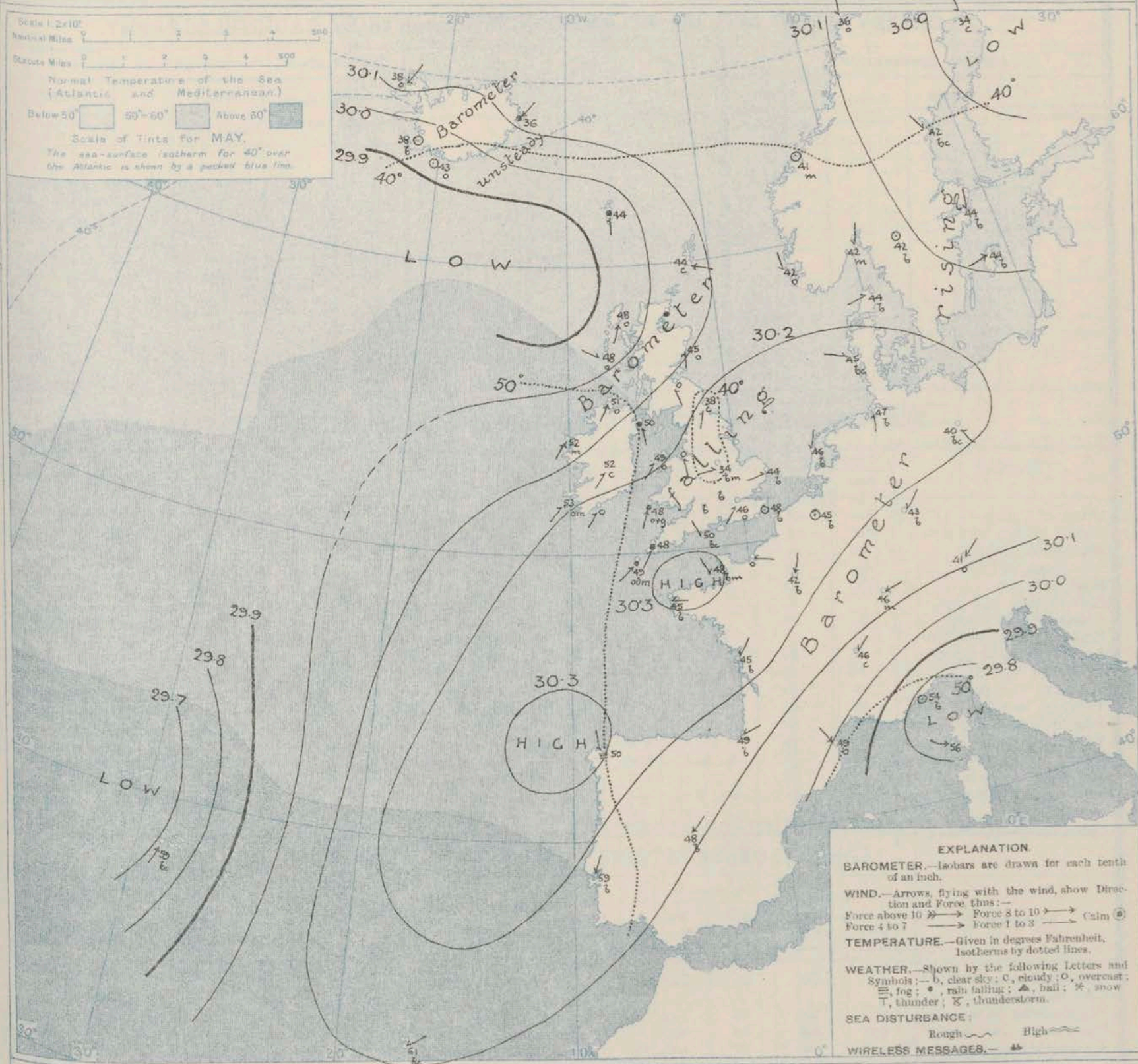
11 WESTERN CHANNEL AND BAY.

Moderate South-Westerly winds north Channel, with rain, mist and a moderate sea; light North-Easterly winds further south, with fair weather and a slight sea.

THE FURTHER OUTLOOK. (All Districts)

General conditions becoming unsettled.

SYNOPTIC CHART FOR 7 A.M. WEDNESDAY, 1ST MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large anticyclone extends from the Bay of Biscay across England and the north of France to Denmark and North Germany. A shallow depression is lying to the southward of Iceland, and there are some indications of the movement of other disturbances across the eastern portions of the Atlantic.

Under the influence of the oceanic depression the wind has shifted to the Southward or South-Westward over nearly the whole of the United Kingdom, but is at present light or moderate in force; in Northern Ireland it is fresh to strong from the North Eastward.

Northerly or North Easterly breezes continue to prevail at most of the Continental stations. Temperature has risen in the west and north of our islands, and is now above 50° in Ireland. Over Northern and Central England the thermometer is below 40°. The Continental values range from a little above 50° in the Riviera to between 34° and 36° in the north of Scandinavia. The weather remains fine at most of the English and Continental stations, but rain is falling at many places in the west and north of the United Kingdom, as well as in the Faeroe and eastern Iceland. The sea is slight or smooth generally.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The low pressure system which lies to the north-westward of Scotland is likely to be joined shortly by other depressions moving over the upper part of the Atlantic.

A gradual extension of rainy weather is probable, and mild Southerly and South-Westerly winds are likely to set in over the whole of the United Kingdom.

DAILY WEATHER REPORT. Wednesday, 1st May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS.							OBSERVATIONS PLOTTED ON THE CHARTS.										
Date and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Name of Ship.	Date and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather	Temperature.			Sea Disturbance
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air. Dry Bulb.	Air. Wet Bulb.	Sea.	
	°	°	In.					°	°	In.				°	°	°	

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Oban, to 6 p.m.	54	43	bc.c	2.2	–
Dublin (City), to 4 p.m....	56	37	bm.c	*	–
Blackpool, to 9 p.m. ...	52	32	b. bm	? 11.5	–
Southport, to 9 p.m. ...	53	33	b.c.b	11.0	–
†Rhyl, to 6 p.m....	52	35	c. b	12.3	–
†Colwyn Bay, to 6 p.m. ...				12.0	
Llandudno, to 9 p.m. ...	51	38	b	11.3	–
Bettws-y-Coed, to 6 p.m...					*
†Aberystwyth, to 6 p.m. ...	53	39	b	11.6	–
Plymouth, to 9 p.m. ...	58	42	bcy. bc.b	13.9	–
†Paignton, to 6 p.m.... ...	56	40	b	12.5	–
Torquay, to 6 p.m.	55	44	*	12.8	–
Teignmouth, to 9 p.m. ...	56	41	b	12.8	–
Weymouth, to 6 p.m. ...	59	38	b	13.6	–
†Bournemouth, to 6 p.m....	58	34	b. bc	13.8	–
Southsea, to 6 p.m.... ...	58	39	*	12.3	–
†Worthing, to 6 p.m. ...	57	32	bc. b	9.7	–

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
†Brighton, to 6 p.m.	58	38	*	9.3	–
†Seaford, to 6 p.m.	58	37	r. b. bc	9.7	0.03
†Eastbourne, to 6 p.m. ...	56	37	*	9.5	–
Bexhill-on-Sea, to 9 p.m...	55	38	cv. bv	8.5	–
†Hastings	*	*	*	7.8	*
†Folkestone, to 6 p.m. ...	53	42	r. bc. bv	10.2	0.09
†Deal, to 6 p.m....	54	43	cp.o. bc	11.5	0.08
†Ramsgate, to 6 p.m. ...	*	*	*	11.4	0.19
†Margate, to 6 p.m.	52	38	r. b	11.3	0.16
†Felixstowe, to 6 p.m. ...	50	37	b. ev. c.u	6.6	–
†Lowestoft, to 6 p.m. ...	50	41	c.op bcr	12.6	–
†Skegness, to 6 p.m.... ...	49	39	b	6.3	–
Scarborough, to 9 p.m. ...	51	38	bc	3.7	0.01
†Harrogate, to 6 p.m. ...	52	32	b. c. bc. b	6.0	–
Buxton, to 9 p.m.	51	31	a. bcy. c	6.8	Trace.
Darwen, to 9 p.m.	56	33	bc	9.1	–
Manchester, to 9 p.m. ...	55	35	bcy	2.3	–
Birmingham, to 9 p.m. ...	52	37	o	0.1	–

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
	%	%	°	°		In.	Hr.
			24 Hours ended at 9 a.m. To-day.				
Greenwich (Royal Obsy.) ...	49	65	56	38	b. bc. c. bc. c	–	8.1
City (Bunhill Row)	*	*	*	*	*	*	7.4
Westminster (St. James's Pk.	51	67	55	44	bc	–	9.4
Camden Sq. (Brit. Rainfall)	55	65	60	43	bc. c. bc	–	8.8
Hampstead (Reservoir) ...	*	70	55	45	bm. bc	–	10.1
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	56	39	bc. c. o. c. o.	–	*
" " (Roof of M.O.)	50	65	55	39		*	8.1

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

1st & 2nd May, 1912.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.24 / 4.22	11.50 / 11.50	7.16 / 7.18
Greenwich	4.34 / 4.32	11.57 / 11.57	7.20 / 7.22
Wick	4.20 / 4.18	12.9 / 12.9	7.58 / 8.0
Valencia...	5.13 / 5.11	12.38 / 12.38	8.2 / 8.4

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.	STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°			In	°	°	
Malaga	?	72	55	bc. b.	Rome...	0.28	64	55	o. c
Marseilles	–	63	45	o. o	Vienna	0.12	57	41	r. bc
Malta	–	68	57	c.	Utrecht	Trace	55	39	bc. bc
Algiers	0.20	68	55	o. o.	Zürich	0.32	*	*	o. bc
Tunis	0.04	68	52	bc. b	Geneva	–	*	*	o. c.
Palermo	0.08	68	55	o. c.	Lugano	0.08	*	*	o. o.

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, 2nd May, 1912.

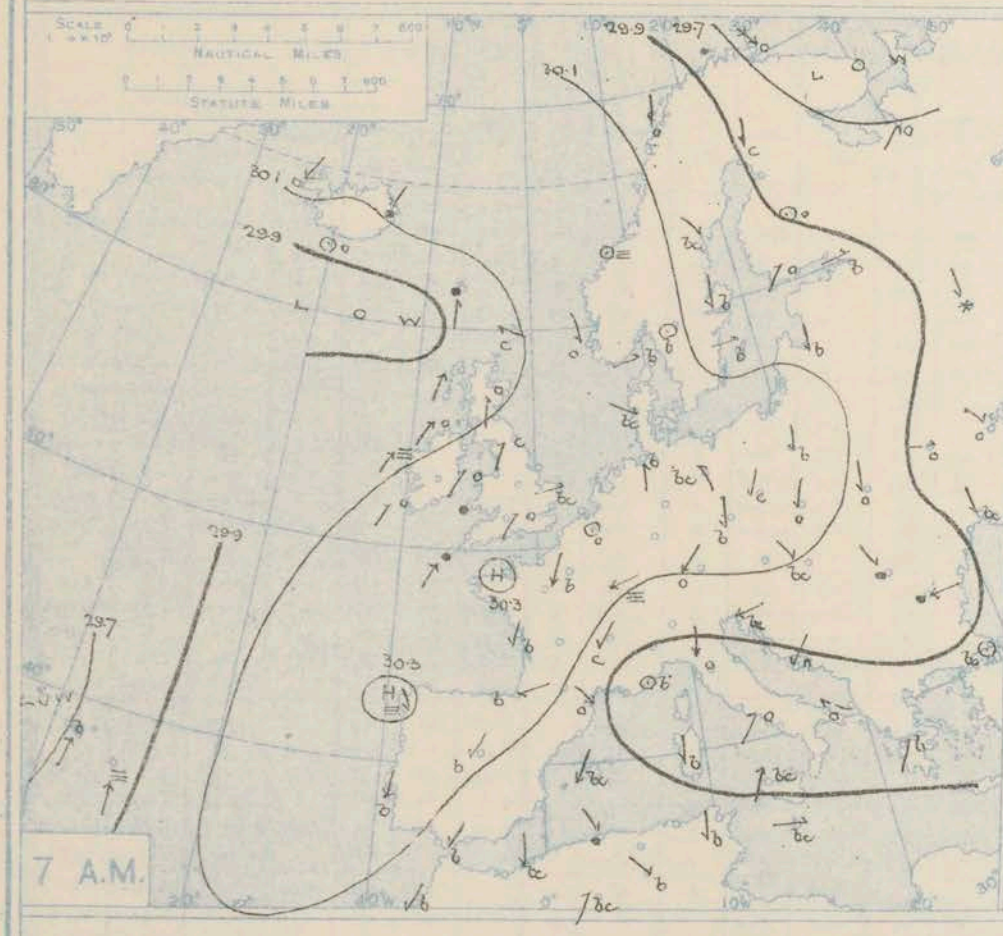
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°	Change since 4 a.m.	Temp. Dry Bulb.	Change since Yesterday.	Wind.* Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	29.88	46	SE	3	r	29.75	−.03	47	+3	SSW	2	bc	2	0.07	47	42	*	omr	dmr	bcmp
	Stornoway	29.87	52	SW	5	c	29.79	−.01	48	0	WSW	4	c	3	0.05	56	45	2.6	c.odp	acp	cp
	Castlebay (Barra Isd.)	29.91	50	WSW	4	o	29.84	.00	48	0	W	3	o	3	0.02	51	46	1.0	o.c.o	op.o	op.o
	Malin Head	29.94	51	SW	3	omp	29.89	.00	47	−4	SW	3	r	2	0.19	54	46	*	cmpg	ompg	of.mg
	Blacksod Point	29.97	52	SW	5	mw	29.94	−.01	51	−1	SW	4	f	3	0.34	56	50	*	omr	omd	omd
	Valencia	30.13	55	SW	2	o	30.06	−.02	53	0	SSW	1	o	4	0.02	53	49	0.2	cmp	o.c	cm
	Roche's Point	30.14	58	WSW	3	bc	30.08	*	54	+1	WNW	3	c	2	0.14	59	52	*	op	cgph	o.c
	Birr Castle	30.07	57	W	3	o	30.00	*	53	+1	W	4	c	*	–	62	51	2.5	op	c.o	c
	Donaghadee	30.02	58	SW	2	c	29.93	.00	53	+3	SW	3	r	2	0.05	61	50	*	gp	cmp	ompd
	Liverpool Obsy.	30.09	57	–	0	c	30.01	−.02	54	+11	WSW	3	o	3	–	58	43	0.3	omr	op.	o
	Holyhead	30.09	51	SSW	4	f	30.02	−.01	51	+2	WSW	3	c	2	0.06	54	48	*	f.cmr	cmr	cmp
	Pembroke (St. Ann's Hd.)	30.15	51	SW	4	o	30.10	.00	51	+3	WSW	3	cm	4	0.06	53	48	0.0	ogpm	ogm	ogm
	Newquay	30.18	54	SW	2	bc	30.12	.00	53	+5	W	2	o	2	0.01	56	48	2.2	ogr.o	b.o.c.c	b
	Scilly (St. Mary's)	30.20	54	WSW	3	bc	30.14	.00	52	+3	W	1	cmg	3	–	57	48	0.4	omd	og	om
	Jersey (St. Aubin)	30.25	53	WNW	3	ogm	30.18	*	52	+4	WNW	3	ogm	3	Trace	57	48	9.7	bcm	bcm	ogdp.o
	Portland Bill	30.20	50	WSW	4	o	30.13	−.01	52	+2	WNW	3	bc	3	0.01	53	49	4.0	bc	c	cp.c
	Dungeness	30.14	51	SSW	4	bc	30.09	−.01	50	+5	SW	3	o	3	Trace	54	44	10.3	bc	bc	bc.cd
	Dover	30.19	48	SW	3	b	?30.11	*	49	+1	SW	3	m	2	–	51	44	9.0	b.bc.c.b	b.bc	bc.cm
	Wick	29.88	52	SSW	1	bc	29.77	−.02	49	+3	–	0	bc	1	0.18	53	44	*	omr	cmp	b
	Nairn	29.89	54	W	1	o	29.79	*	48	+1	SW	1	bc	1	0.05	60	44	0.4	o	r.o	c.bc
	Aberdeen	29.91	56	SSW	3	o	29.78	−.01	51	+6	WNW	3	bc	1	0.08	56	45	0.0	op	o.c	or.bc
	Leith	29.97	58	SW	2	c	29.85	+.02	51	+4	SW	3	bc	*	0.01	62	46	*	op.c	cp	c
	North Shields	30.06	56	–	0	ofp	29.91	−.02	53	+15	W	2	o	2	0.02	58	35	0.3	r	o	c
	Spurn Head	30.09	50	SSE	4	o	30.02	−.01	51	+6	SW	4	cmw	4	–	51	43	*	cg	c.o	o.cw
	Yarmouth	30.16	49	S	3	bc	30.06	−.02	49	+5	W	1	b	0	–	52	44	12.0	bc.b	b.bc	b
	Clacton-on-Sea	30.17	52	SSE	3	bc	30.09	−.01	50	+1	SW	2	c	2	–	53	45	9.7	c.bc.b	b.bc	bc.c
	Nottingham	30.10	57	W	3	o	30.02	*	50	+16	SW	2	om	*	–	62	34	4.3	bm.c	c.o	o
	Bath	30.17	52	W	1	ofp	30.10	*	54	+9	W	3	o	*	–	57	45	2.3	–	–	–
	Oxford	30.16	52	WSW	2	o	30.09	*	54	+7	W	2	o	*	–	61	46	*	b	cm.bc	o
	London (Kew Obsy.)	30.13	59	W	2	c	30.09	−.01	52	+6	W	2	cm	*	–	62	45	8.4	cm.c.bc	bc.c	c.bc.cm
ICELAND & FAEROE.	Isafjord	30.21	39	NE	1	bc	30.36	+.02	36	−2	NE	5	c	*	*	*	*				
	Reykjavik	29.97	53	N	1	b	30.13	+.03	35	−3	E	3	b	*	*	*	*				
	Vestmanna	30.00	45	WSW	2	o	30.15	+.02	38	−5	SE	2	o	1	*	*	*				
	Seydisfjord	30.16	38	NE	3	s	30.25	+.03	35	−1	ENE	3	s	*	*	*	*				
	Thorshavn	29.82	45	E	2	r	29.78	+.02	42	−2	ENE	5	r	*	*	*	*				
SCANDINAVIA.	Haparanda	30.05	29	NNE	2	bc	30.09	+.01	29	−5	N	4	b	*	–	39	21				
	Hernösand	30.06	36	–	0	c	30.06	.00	35	−7	–	0	s	*	–	43	34				
	Stockholm	30.06	37	SE	2	bc	30.00	−.02	44	0	SE	2	c	*	–	52	36				
	Wisby	30.02	43	–	0	bc	30.02	.00	41	−3	WNW	4	c	*	–	44	36				
	Karlstad	30.02	45	SW	4	bc	29.95	−.04	43	+1	SSW	2	bc	*	–	55	37				
	Færder (Christiania Fjord)	29.99	45	S	4	o	29.89	.00	44	+2	WSW	4	o	3	–	48	41				
	Bodö	30.11	35	N	2	b	30.04	−.03	35	−1	NE	1	b	1	–	37	32				
	Christiansund	30.06	42	–	0	c	29.88	−.06	42	+1	NE	1	c	1	–	45	39				
	Skudesnaes	30.06	43	SSW	4	o	29.83	−.04	44	+2	S	6	o	4	0.20	45	41				
	The Scaw (Skagen)	30.08	42	W	5	c	29.97	−.03	45	+1	SW	3	o	1	–	48	41				
	Blaavands Huk	30.16	44	WSW	2	b	30.05	−.02	47	+2	SW		o	2	–	48	43				
GERMANY, &c.	Cuxhaven	30.20	47	NE	2	b	30.09	−.02	50	+3	S	2	b	*	–	52	34				
	The Helder																				
	Brussels	30.19	48	–	0	b	30.15	−.01	?45	0	SW	1	b	*	–	59	36				
	Berlin	30.19	47	SE	2	b	30.17	−.01	48	+8	S	1	b	*	–	54	36				
	Frankfurt	30.13	47	SE	2	b	30.15	+.02	43	0	SE	1	m	*	–	55	32				
	Munich	30.16	41	E	3	b	30.16	+.01	39	−2	SE	2	b	*	–	48	30				
FRANCE.	C. Gris Nez	30.13	?52	SW	4	bc	30.12	−.01	?52	+5	SSW	4	c	3	–	55	46				
	La Hève	30.21	51	NW	1	b	30.17	*	46	−2	SSW	2	f	3	0.04	59	43				
	Brest (St. Mathieu)	30.28	54	W	2	c	30.21	−.01	53	+8	SW	2	o	1	–	59	?45				
	Lorient (Bec Melen)	30.20	53	WNW	4	o	30.06	*	52	+7	–	0	c	2	–	59	45				
	Rochefort (Ile d'Aix)	30.20	58	NE	3	bc	30.20	*	49	+4	NE	1	b	*	–	61	45				
	Biarritz	30.15	55	NNW	4	b	30.11	*	50	+1	S	3	b	2	–	57	45				
	Paris	30.17	55	NNE	3	b	30.18	.00	45	+3	–	0	b	*	–	60	33				
	Belfort	30.09	50	ENE	6	bc	30.17	*	39	−7	E	2	m	*	–	56	33				
	Lyons	30.03	55	N	3	b	30.11	*	47	+1	N	3	b	*	–	60	39				
	Nice	29.90	?	–	0	c	29.97	+.03	52	−2	SW	1	bc	4	–	59	46				
	Perpignan	30.03	57	NW	4	b	30.10	+.01	54	+5	NW	3	b	*	–	60	46				
	Sanguinaire							*													
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)	30.23	54	NNW	?	?	?30.23	.00	?50	0	ENE	1	f	3	–	59	45				
	Lisbon (9 a.m.)	30.08	61	NW	4	b	30.05	+.01	58	−1	NNE	4	b	2	–	73	54				
	Gibraltar							*						*		*	*				
	Azores (P. Delgada)																				
	Azores (Horta)	29.67	58	SSW	4	o	29.56	−.01	57	−2	SSW	4	o	3	0.28	64	57				
	Madeira (Funchal)	30.06	62	?	?	o	30.00	−.01	59	−2	?	?	bc	?	–	64	48				

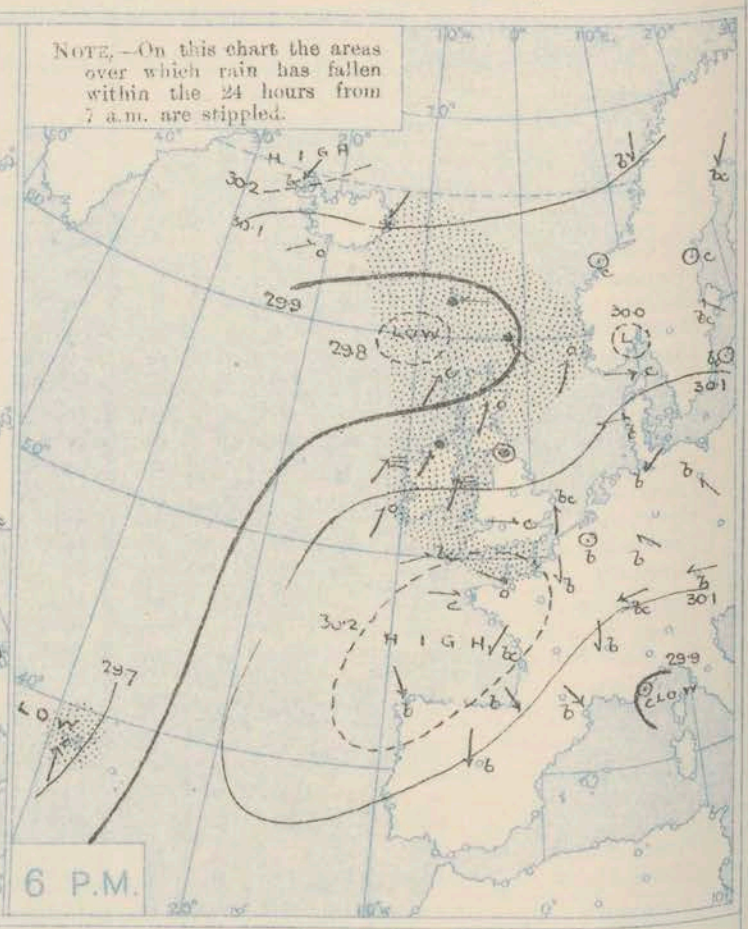
DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

* Information for these columns not usually received.

† Received too late for insertion in Charts.

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





NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 60° and upwards in several isolated parts of the United Kingdom to 65° at Hampstead, and to 66° at Greenwich and Camden Square; on the east coast of England it scarcely exceeded 50°. The amount of bright sunshine was generally rather small, but more than 12 hours were recorded on the coast of Suffolk. Slight rain was again experienced at most of our western and northern stations, and, locally, in the south of England.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

0 {a, b} Variable or light South-Westerly airs; fair at first, some rain later. Normal temperature.

1, 2 {a, b} Westerly and South-Westerly winds, light; some showers, but considerable fair intervals; rather warmer.

3, 4 {a, b}, 5 Westerly and South-Westerly winds, light; fair generally, but slight showers in places; rather warmer.

FORECAST DISTRICTS.

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

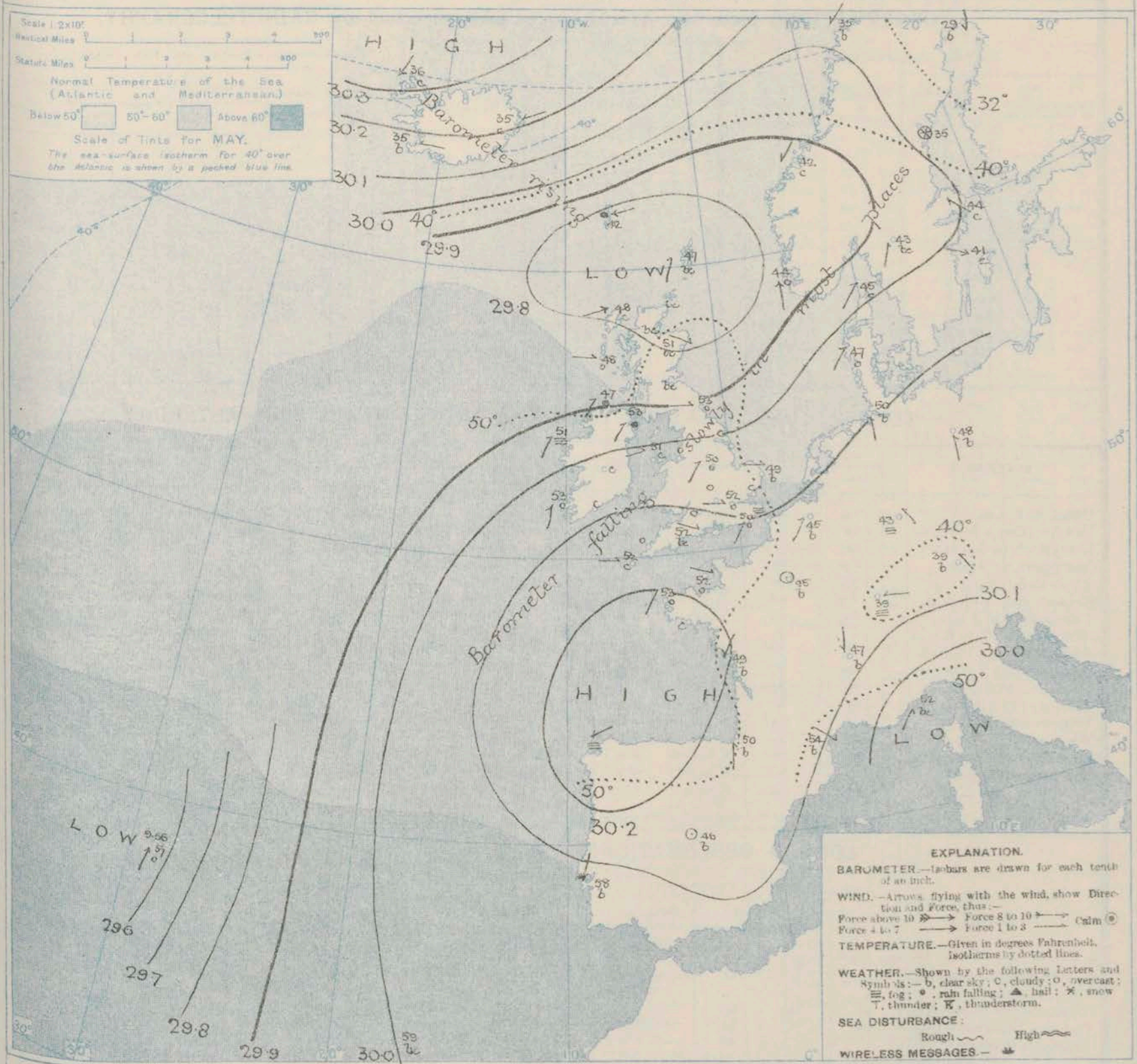
6, 7, 8, 9, 10 {a, b} South-Westerly to Southerly winds, light or moderate; cloudy, with rain in places; some mist or fog on coast. Normal temperature.

11 WESTERN CHANNEL AND BAY.

Moderate Westerly or South-Westerly winds North Channel with cloudy, misty weather; variable breezes, and fair weather Bay. Sea slight generally.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. THURSDAY, 2ND MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large anticyclone still lies over all the more southern parts of our area of observation, but a new high pressure system of equal intensity has appeared off the north of Iceland. A shallow depression is moving slowly eastwards between Scotland and the Faeröe, and a deeper disturbance is passing across the Azores region.

The wind is light from West or South West over the United Kingdom and the North Sea, but light from North-East in the west of Norway, and moderate to fresh from the same quarter in Iceland and the Faeröe. Variable breezes prevail in France and Germany. Temperature has again risen in most places, and is now slightly above 50° in many parts of the United Kingdom. The Continental values range from a little above 50° in the south of France to 40° and less in Bavaria, and to a trifle below the freezing point in Lapland. The weather is fair or fine over Western Europe as a whole, but a good deal of cloud prevails locally, and rain is falling in the north of Ireland, as well as in the Faeröe. Snow is reported at Seydisfjord. The sea is slight or smooth on nearly all coasts.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The type of weather over western Europe is likely to become increasingly unsettled. A depression which lies over the Azores region will probably spread eastward and occasion further falls of rain in our own western districts. Over the south-eastern quarter of England the weather will remain generally fair for the present, but with slight local showers

DAILY WEATHER REPORT. Thursday, 2nd May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS.							OBSERVATIONS PLOTTED ON THE CHARTS.									
Date and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Name of Ship.	Date and Hour of Observation.	Position.		Reading of Barometer	Wind.		Weather	Temperature.		Sea Disturbance
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air. Dry Bulb.	Air. Wet Bulb.	Sea.
	°	°	In.					°	°	In.				°	°	°

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min.	Weather.	Sunshine.	Rainfall.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.		°	°		Hr.	In.
Oban, to 6 p.m.	52	44	o m v d o	0.0	0.17	† Brighton, to 6 p.m.	57	39	*	8.9	-
Dublin (City), to 4 p.m....	63	50	c. o p	*	0.18	† Seaford, to 6 p.m.	58	38	o. b.	9.0	-
Blackpool, to 9 p.m. ...	54	37	o d. c. o	0.1	-	† Eastbourne, to 6 p.m. ...	56	39	*	9.0	-
Southport, to 9 p.m. ...	57	39	o d. b c	0.7	-	Bexhill-on-Sea, to 9 p.m...	54	44	b	?	*
Rhyl, to 6 p.m....	59	40	b. r. c	1.1	0.02	† Hastings	*	*	*	9.6	-
†Colwyn Bay, to 6 p.m. ...	60	43	p. b. o	1.0	Trace	† Folkestone, to 6 p.m. ...	52	42	b. bc	10.1	-
Llandudno, to 9 p.m. ...	59	43	b. o. c. o	0.8	-	† Deal, to 6 p.m	56	39	o. bc. c	9.9	-
Bettws y-Coed, to 6 p.m...						† Ramsgate, to 6 p.m. ...	*	*	*	8.3	-
Aberystwyth, to 6 p.m. ...	53	43	o. r. o m	0.2	0.03	Margate, to 6 p.m.	56	33		8.0	-
Plymouth, to 9 p.m. ...	54	37	o. o d. o	0.2	0.03	† Felixstowe, to 6 p.m. ...	50.	38	b. m	12.5	-
Paignton, to 6 p.m.... ...	54	37	o, b	0.9	-	† Lowestoft, to 6 p.m. ...	52	36	b. bc	12.4	-
Torquay, to 6 p.m.	55	41	o. c u. g. o	1.3	-	† Skegness, to 6 p.m.... ...	55	43	bc. o	7.5	-
Teignmouth, to 9 p.m. ...,	56	39	bc. o d. c p	0.6	-	Scarborough, to 9 p.m. ...	61	38	bc. o m	6.4	0.01
†Weymouth, to 6 p.m. ...	59	39	o c .bc. c. o c	4.0	-	† Harrogate, to 6 p.m. ...	55	30	b. bc. o d. c	2.3	-
†Bournemouth, to 6 p.m....	59	36	b. bc. c. o d	3.9	-	Buxton, to 9 p.m.	58	38.	c. bc. c	4.4	-
Southsea, to 6 p.m.... ...	61	43	b. bc. o	6.7	-	Darwen, to 9 p.m	55	38	o g. bc. o g	0.3	-
†Worthing, to 6 p.m. ...	57	39	b g. bc. c	8.8	-	Manchester, to 9 p.m. ...	58	35	bc. c o. c	0.1	-
						Birmingham, to 9 p.m. ...	59	37	c. o	2.2	-

† At this Station the amount of Bright Sunshine is for the whole day.

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday	Humidity. 9 a.m. To-day	Temperature Max.	Temperature Min.	Weather	Rainfall.	Sunshine Yesterday.
	%	%	°	°		In.	Hr.
			24 Hours ended at 9 a.m. To-Day.				
Greenwich (Royal Obsy.) ...	42	71	66	49	b. bc. o. b bc	-	7.8
City (Bunhill Row)	*	*	*	*	*	*	5.8
Westminster (St. James's Pk.	47	75	63	51	bc	-	8.3
Camden Sq. (Brit. Rainfall)	45	71	66	51	bc. b. c	-	9.3
Hampstead (Reservoir) ...	*		65	48	bc. o. c	-	9.5
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	64	44	bc. c g	-	*
" " (Roof of M.O.)	44	81	64	45		*	8.0

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

2nd & 3rd May, 1912.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.22 / 4.20	11.50 / 11.50	7.18 / 7.19
Greenwich	4.32 / 4.31	11.57 / 11.57	7.22 / 7.23
Wick	4.18 / 4.16	12.9 / 12.9	8.0 / 8.2
Valencia...	5.11 / 5.10	12.38 / 12.38	8.4 / 8.6

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.	STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°			In	°	°	
Malaga	Obs.	not	received		Rome...	0.63	66	55	r. o. b
Marseilles	-	63	41	o. b.	Vienna	-	54	36	bc. bc
Malta	0.04	64	55	bc	Utrecht	-	54	36	o. c
Algiers	0.02	66	50	o. r.	Zürich	0.04	*	*	o. c.
Tunis	-	68	50	o. b.	Geneva	-	*	*	r. r.
Palermo	0.04	64	53	c. bc	Lugano	0.24	*	*	

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday, 3rd May, 1912.

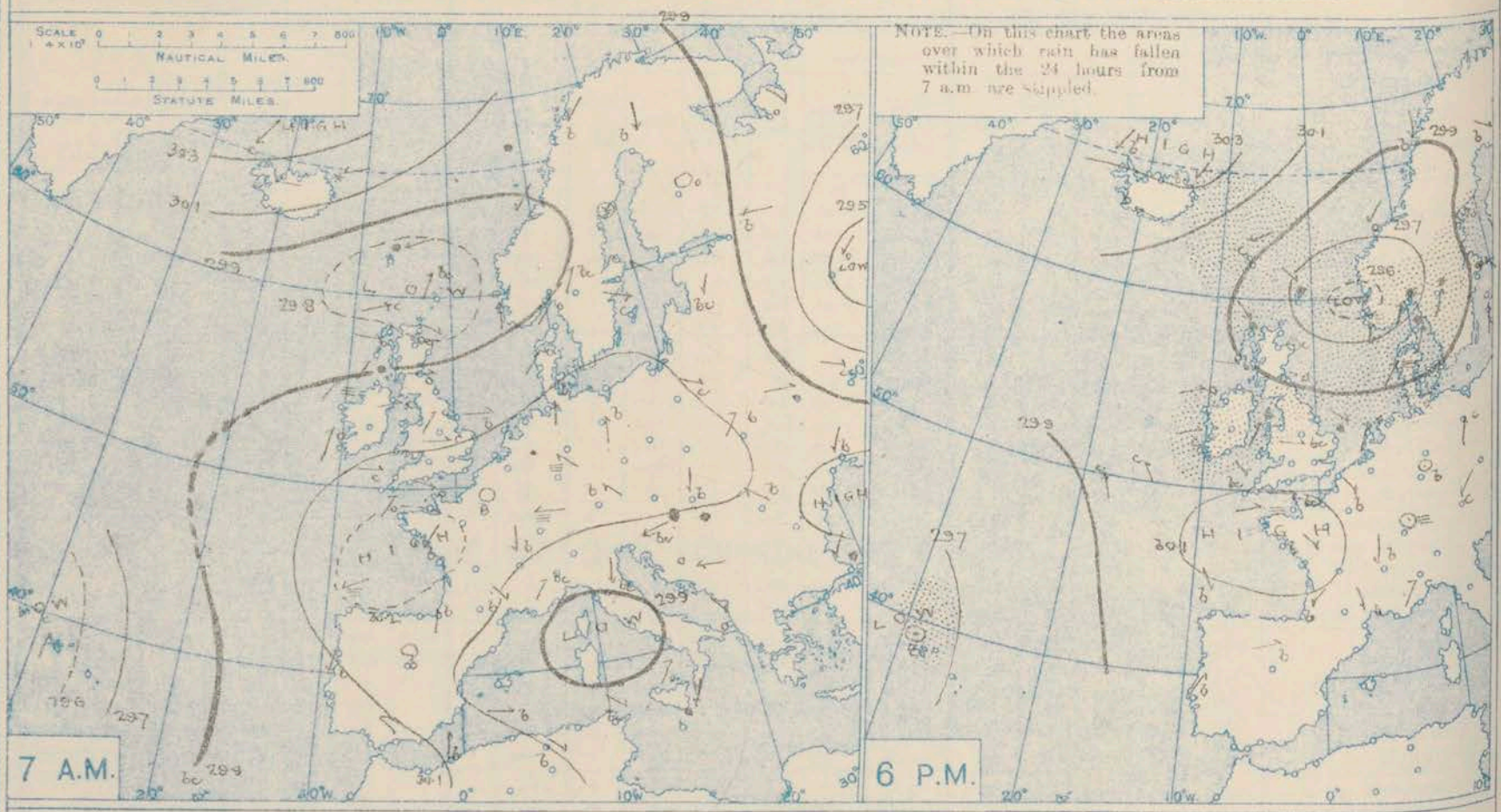
	Stations.	Yesterday Evening. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	This Morning 7 a.m., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	Past 24 Hours. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Weather. Aftern'n 1 p.m. to 6 p.m.	Weather. Night. 6 p.m. to 7 a.m.
		In.	°				In	In.	°	°					In.	°	°	Hours			
British Islands	Lerwick	29.66	45	NNW	2	r	29.90	+.03	40	−7	NNW	5	cq	4	0.22	51	37	*	bcp	ctm	cpq
	Stornoway	29.81	51	NW	4	cp	30.03	+.05	46	−2	NE	3	b	3	0.07	54	40	6.8	c	cp	bc
	Castlebay (Barra Isd.)	29.89	51	NW	4	c	29.98	+.05	46	−2	NE	4	cq	3	0.01	52	44	6.6	o.cp.o	o.c.o	c.o.hoq
	Malin Head	29.92	51	W	2	b	29.99	+.04	48	+1	N	1	bc	0	–	53	46	*	bc	bc	bc
	Blacksod Point	29.97	52	WSW	2	o	29.99	+.01	49	−2	E	1	m	3	0.22	54	46	*	cm	cm	cmd
	Valencia	30.03	54	WSW	2	c	30.00	.00	52	−1	S	1	o	3	0.01	58	52	0.3	o	o.c	cmd
	Roche's Point	30.03	55	WSW	4	c	30.03	*	50	−4	NW	1	o	2	Trace	58	48	*	c.o	o.c	cf.m
	Birr Castle	29.97	55	WSW	3	o	29.97	*	51	−2	SW	1	o	*	0.01	57	48	1.0	c.cp	o	o
	Donaghadee	29.91	49	E	2	o	29.99	+.02	48	−7	WSW	2	c	2	0.15	54	41	*	cmd	c	c
	Liverpool Obsy.	29.95	56	WSW	4	o	30.00	+.02	49	−5	NW	1	o	0	0.01	60	47	1.7	o	bcp	o
	Holyhead	29.96	52	SW	3	dcw	29.99	+.02	50	−1	NW	1	o	1	0.05	56	48	*	cm	r.cdm	o.cm
	Pembroke (St. Ann's Hd.)	30.04	51	SW	3	bc	30.02	+.01	50	−1	WSW	1	cm	2	Trace	56	50	5.5	cm	bcm	cm
	Newquay	30.06	54	WSW	2	c	30.03	.00	51	−2	S	1	cf	2	–	56	45	4.4	bc	bc	b.o
	Scilly (St. Mary's)	30.08	57	WNW	1	bcw	30.04	.00	52	0	–	0	bcm	1	–	61	49	7.1	bcm	bcm	bcm
	Jersey (St. Aubin)	30.12	54	W	4	bcm	30.08	*	51	−1	SW	2	cgr	2	–	58	49	2.3	cg	cg.c	cgm
	Portland Bill	30.05	50	WSW	4	bcw	30.04	.00	51	−1	NW	2	bc	2	–	55	48	?6.0	c	bcm	bcm.w
	Dungeness	30.01	54	SW	4	bo	29.98	+.01	52	+2	SW	4	c	4	–	58	49	?5.8	f.bc	bc	c.bc
	Dover	30.04	54	SW	3	bc	30.01	*	49	0	WNW	2	b	3	Trace	59	48	7.2	cm.bcb	b	bc.cb
	Wick	29.74	47	WNW	2	c	29.97	+.07	42	−7	NNW	2	c	2	0.33	52	38	*	cp	cpm	cpq
	Nairn	29.76	51	W	3	c	29.97	*	44	−4	E	2	c	2	0.05	58	42	5.0	c	cr	c
	Aberdeen	29.77	50	–	0	c	29.98	+.07	45	−6	NNW	3	c	2	0.02	61	44	5.3	bc.c	bcw.cp	cp
	Leith	29.82	55	W	3	b	29.94	+.04	50	−1	WNW	2	bc	*	–	59	45	*	bc	bc.b	b
	North Shields	29.87	53	WSW	3	o	29.94	+.04	45	−8	WSW	3	c	2	0.04	60	40	0.6	o	c.r	o
	Spurn Head	29.91	56	WSW	5	o	29.96	+.01	50	−1	WNW	6	buq	5	0.01	61	46	*	cmr	cm	cp.bcq
	Yarmouth	29.97	59	WNW	1	cp	29.97	+.01	52	+3	NW	1	bc	1	0.17	65	49	4.8	b.bc.c	c.cp	cr.c.bc
	Clacton-on-Sea	29.99	59	SW	2	c	29.99	.00	53	+3	WSW	3	bc	2	–	61	50	4.7	cm	cg	cg.bc
	Nottingham	29.95	60	WSW	3	c	29.98	*	51	+1	NW	2	c	*	Trace	64	49	0.8	cp	o.c	c
	Bath	30.04	59	W	1	bc	30.03	*	52	−2	W	1	o	*	–	64	48	4.7	–	–	–
	Oxford	30.03	55	WSW	2	bc	30.02	*	54	0	WNW	2	c	*	–	63	46	*	c	c	c
	London (Kew Obsy.)	30.01	62	W	2	o	30.01	+.01	50	−2	WSW	1	bcm	*	–	65	45	3.4	cm.c	c.o	o.c.bc
Iceland & Faeroe	Isafjord	30.35	39	NE	4	b	30.34	.00	33	−3	–	0	b	*	*	*	*				
	Reykjavik	30.17	48	N	3	c	30.25	.00	39	+4	–	0	b	*	*	*	*				
	Vestmanna	30.24	42	ESE	1	o									*	*	*				
	Seydisfjord	30.31	47	NE	2	bc	30.32	−.01	31	−4	–	0	b	*	*	*	*				
	Thorshavn	29.92	45	ENE	5	c	30.11	+.03	39	−3	NE	4	c	*	*	*	*				
Scandinavia	Haparanda	29.99	27	WNW	2	b	29.98	−.01	30	+1	–	0	b	*	–	36	21				
	Hernösand	29.93	32	–	0	o	29.79	−.06	35	0	–	0	o	*	0.04	39	32				
	Stockholm	29.91	40	SE	2	r	29.65	−.08	40	−4	SE	4	r	*	0.28	52	37				
	Wisby	29.91	44	S	2	o	29.67	−.09	48	+7	S	4	o	*	–	48	41				
	Karlstad	29.78	42	SSW	2	r	29.46	−.08	44	+1	SSW	2	o	*	0.63	48	39				
	Færder (X'iania Fjord)	29.69	45	SSW	4	r	29.46	−.01	47	+3	WSW	6	b	3	0.32	46	43				
	Bodö	29.93	36	N	4	b	29.80	−.03	36	+1	–	0	b	1	–	37	30				
	Christiansund	29.71	43	NE	3	o	29.67	−.02	40	−2	N	6	o	2	–	45	36				
	Skudesnaes	29.59	46	S	2	f	29.61	−.01	42	−2	NNW	6	o	2	0.43	46	41				
	The Scaw (Skagen)	29.72	47	SSW	5	r	29.59	−.02	47	+2	WSW	7	bc	2	0.16	48	43				
	Blaavands Huk	29.84	47	SW	3	f	29.73	−.01	47	0	W	3	m	2	0.20	50	43				
Germany, &c.	Cuxhaven	29.96	53	W	2	o	29.82	−.03	52	+2	W	3	r	*	0.24	61	52				
	The Helder	29.98	51	SSW	3	c	29.91	+.01	51	+8	W	3	o	2	0.04	54	?43				
	Brussels	30.04	53	–	0	b	30.02	.00	47	+2	WSW	2	f	*	–	64	44				
	Berlin	30.01	53	S	1	c	29.91	−.01	50	+2	SW	1	o	*	–	61	41				
	Frankfurt	30.02	49	–	0	b	30.00	.00	45	+2	SW	1	b	*	–	63	34				
	Munich	30.08	47	NE	2	c	30.07	−.01	47	+8	SW	3	b	*	–	54	37				
France	C. Gris Nez	30.10	52	SSW	3	bc	30.01	.00	49	−3	WSW	4	f	3	–	59	48				
	La Hève	30.10	50	W	2	c	30.08	*	50	+4	W	2	o	1	–	61	45				
	Brest (St. Mathieu)	30.15	54	WSW	2	m	30.08	−.01	52	−1	SE	2	c	2	–	59	50				
	Lorient (Bec Melen)	30.11	54	W	3	b	30.02	*	50	−2	N	2	b	3	–	63	45				
	Rochefort (Ile d'Aix)	30.12	57	NW	3	b	30.06	*	53	+4	NE	3	o	*	–	63	48				
	Biarritz	30.03	57	NE	3	b	29.95	*	51	+1	E	2	b	2	–	61	45				
	Paris	30.07	60	NW	2	b:	30.03	+.02	50	+5	NNW	1	o	*	–	63	41				
	Belfort	30.08	53	–	0	m	30.11	*	41	+2	–	0	m	*	–	58	34				
	Lyons	30.06	55	N	2	b	30.10	*	53	+6	N	1	b	*	–	60	39				
	Nice	30.02	47	SW	3	c	30.02	+.01	53	+1	W	2	b	1	–	63	43				
	Perpignan	30.02	61	NNW	3	b	30.05	+.03	55	+1	W	1	b	*	–	66	43				
	Sanguinaire	29.90	55	N	1	m	29.93	*	57		N	4	m	3	–	63	46				
Spain, Portugal, &c.	Corunna (8 a.m.)	30.03	60	NNW	2	b	29.90	−.04	56	+6	E	1	bc	2	–	64	50				
	Lisbon (9 a.m.) *	29.95	63	SW	1	b	29.92	+.03	63	+5	ENE	1	o	2	–	73	59				
	Gibraltar							*						*		*	*				
	Azores (P. Delgada)	29.67	58	W	3	b	29.68	+.02	59	+2	SW	4	o	3	–	63	55				
	Azores (Horta)	29.67	59	–	0	c	29.62	−.01	60	+3	SW	4	r	3	0.04	66	57				
	Madeira (Funchal)	29.96	63	W	3	o	29.93	+.01	64	+5	W	3	r	2	–	66	52				

Duration and extreme force of gales 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 MAY



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to between 60° and 65° in many parts of Great Britain, to 69° at Camden Square, and to 71° at Greenwich. The amount of bright sunshine was, as a rule, somewhat small. Showers were experienced in many districts, but were in some places too slight to yield any measurable quantity of water in the gauge. Wireless reports show that as far west as the 25th meridian ships experienced light breezes from the Southward or South Eastward, and fair weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

0 a, b; 1 — Northerly winds, light or moderate; fair generally, but slight local showers.

2 a, b; 3 — Westerly and North-Westerly winds, light or moderate; fair generally, but slight local showers; cooler.

4 a, b; 5 — Light Westerly to variable breezes; cloudy, slight rain in places; becoming cooler.

FORECAST DISTRICTS.

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

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

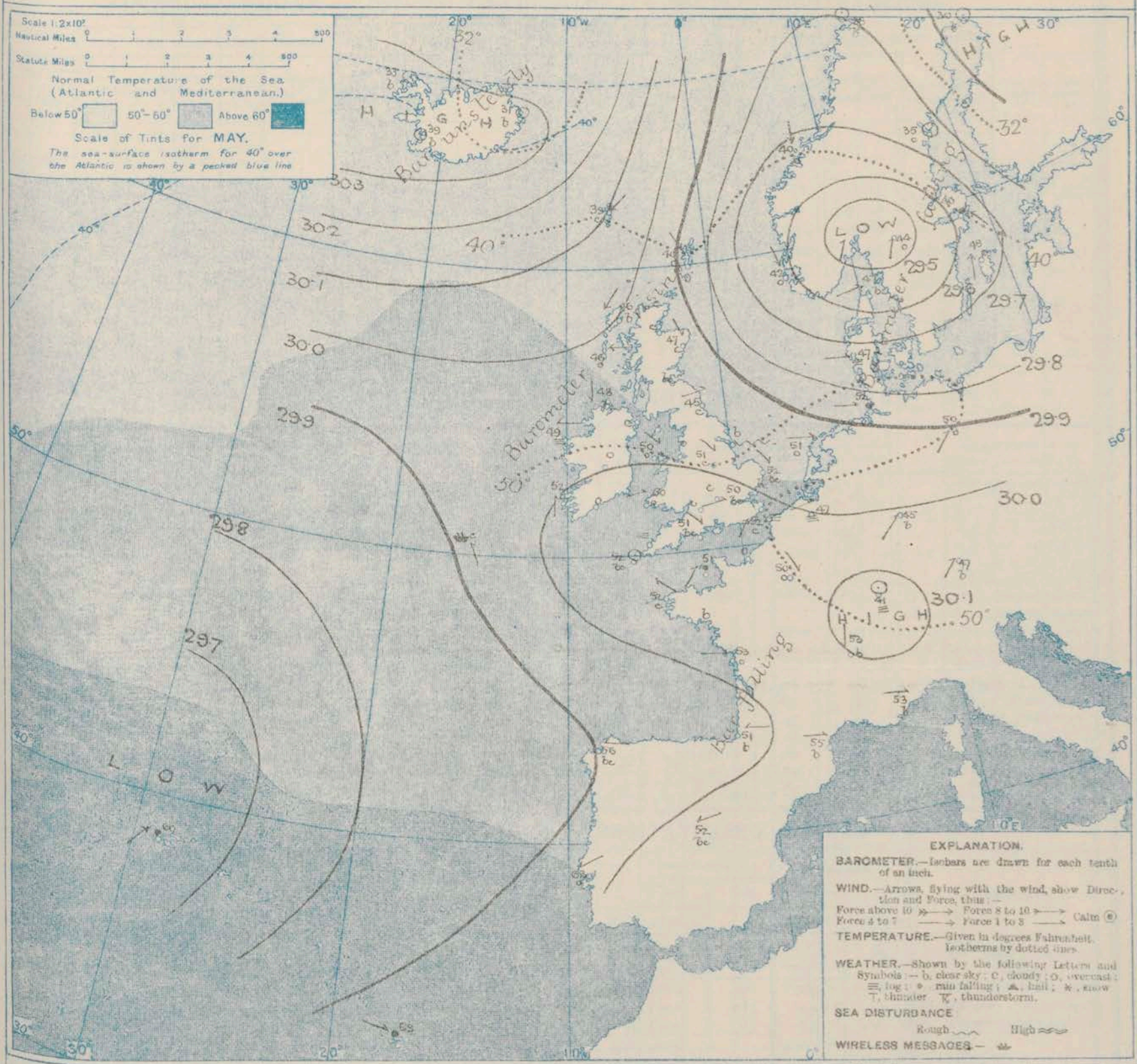
No Warnings Issued

6 a, b; 7 a, b; 8 a, b; 9 a, b; 10 a, b — Same as Nos. 0 and 1. Light variable breezes; cool, cloudy, slight rain in places, some fog or mist on coast.

11 WESTERN CHANNEL AND BAY. Light variable breezes, with a slight or smooth sea; fair generally, misty in places; rather cooler.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. FRIDAY, 3RD MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Barometrical pressure is now highest over Iceland, but an extensive area of diminishing intensity still lies over France and the southern parts of our Islands and Germany. The shallow depression which lay yesterday between Scotland and the Faeroe has increased somewhat in depth, but is now passing away across the south of Scandinavia.

Over Great Britain and the northern portion of the Continent the wind circulates around the Scandinavian depression and on the eastern side of the north sea the Westerly to North Westerly current is strong or high in force. Light variable breezes prevail in France and on our western coasts and calms in Iceland. Temperature has fallen in most parts of the United Kingdom, but risen in France, Germany and the Netherlands. At our own Central & Southern stations the thermometer is slightly above 50°, but on the north of Scotland it is only 45°. The Continental values range from 56° at Corunna & 55° at Perpignan to between 30° and 35° on the shores of the Gulf of Bothnia. Fine weather prevails on our east coasts and in the west and south of France but over Western Europe generally the sky is cloudy or overcast. Rain is falling at Jersey, and also at Cuxhaven and Stockholm. The sea is slight or smooth generally but rather rough off the mouth of the Humber.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The distribution of pressure is becoming rather irregular, but there are at present no distinct indications of the formation of any disturbance in the immediate neighbourhood of our islands. Cloudy, changeable weather is probable, with slight local showers in most districts.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb	Temperature. Sea.	Sea Disturbance
	°	°	In.					°	°	In.				°	°	°	
May 3rd 4 a.m.	50	15	29.93	SE	1-3	Celtic	May 3rd 7 a.m.	50	14	29.91	SSE	1-3	c				
" 2nd 12 noon	50	18	30.05	S	1-3	Montrose	" 2nd 7 a.m.	50	17	30.03	SSW	1-3	c				
" " 3 p.m.	50	15	30.05	S	1-3	do.	" " 6 p.m.	50	15	30.02	SE	1-3	c				
" " "	49	19	29.97	SSE	1-3	Celtic	" " "	49	18	29.93	SSE	4-5	c				
" 4 a.m.	48	24	29.94	SE	1-3	do.	" " 7 a.m.	48	22	29.92	SE	1-3	o				

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Stonehaven, to 6 p.m.	*	*	*	5.8	0.01
Oban, to 6 p.m.	53	46	bc.c.o/c bc	1.6	0.57
Dublin (City), to 4 p.m....	61	53	cp.d.	*	0.01
Blackpool, to 9 p.m. ...	58	50	o.c.r	1.4	0.02
Southport, to 9 p.m. ...	59		op.bc.o	1.2	Trace
Rhyl, to 6 p.m....					
†Colwyn Bay, to 6 p.m. ...	60	53	bc.c	1.5	0.04
Llandudno, to 9 p.m. ...	62	51	op.c.o	2.3	0.01
Bettws-y-Coed, to 6 p.m...					
Aberystwyth, to 6 p.m. ...	54	49	*	0.7	–
Plymouth, to 9 p.m. ...	61	49	bc.o.bc	6.8	–
†Paignton, to 6 p.m.... ...	64	49	bc.b	7.1	–
Torquay, to 6 p.m.	63	50	c.o.bc	6.7	–
Teignmouth, to 9 p.m. ...	67	48	bc.b	6.2	–
Weymouth, to 6 p.m. ...	64	50	b.o.c.bc	6.0	–
†Bournemouth, to 6 p.m. ..	64	50	b.bc.c	5.3	–
Southsea, to 6 p.m.... ...	64	49	c.bc.bc	7.2	0.01
†Worthing, to 6 p.m. ...	59	48	c.bc.c	5.5	0.03
Carnoustie, to 6 p.m.	62	48	bc.b	8.9	0.01

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
†Brighton, to 6 p.m.	59	49	p.o.c.bc	5.4	–
†Seaford, to 6 p.m.	57	49	r.o.c.b	7.4	0.01
†Eastbourne, to 6 p.m. ...	60	48	o.c.b.bc	7.7	–
Bexhill-on-Sea, to 9 p.m...	58	47	o	5.5	0.01
Hastings	*	*	*	6.4	*
†Folkestone, to 6 p.m. ...	57	45	m.bc.b	7.1	–
†Deal, to 6 p.m....	64	43	o.c.bc.u	6.5	–
†Ramsgate, to 6 p.m. ...	*	*	*	4.6	–
†Margate, to 6 p.m.	63	43	b.o	4.3	–
†Felixstowe, to 6 p.m. ...	61	43	m.o.bc.o	4.9	–
Lowestoft, to 6 p.m. ...	66	44	bc.c.o	4.0	–
†Skegness, to 6 p.m.... ...	64	48	o.c	2.0	0.01
Scarborough, to 9 p.m. ...	60	37	o.cf.c	0.0	–
†Harrogate, to 6 p.m. ...	58	47	o.c	0.4	Trace
Buxton, to 9 p.m.	61	45	bc	4.6	0.06
Darwen, to 9 p.m.	58	48	ow.bc.or	0.9	Trace
Manchester, to 9 p.m. ...	61	48	c.or.bc.o	0.6	0.03
Birmingham, to 9 p.m. ...	60	45	or.c.o	0.4	

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max. (24 hours ended at 9 a.m. To-day)	Temperature Min. (24 hours ended at 9 a.m. To-day)	Weather.	Rainfall.	Sunshine Yesterday.
	%	%				In.	Hr.
Greenwich (Royal Obsy.) ...	50	77	71	46	b.c.bc.c	–	4.5
City (Bushill Row)	*	*	*	*	*	*	3.4
Westminster (St. James's Pk.	65	92	62	46	bcu.bc.r	–	4.1
Camden Sq. (Brit. Rainfall)	59	90	69	46	b.bc.c.o	–	5.0
Hampstead (Reservoir) ...	*	98	67	44	c.bc.or.o	–	4.1
			24 hours ended at 6 p.m. Yesterday				
South Kensington ...	*	*	68	50	c.o	–	*
" " (Roof of M.O.)	59	91	66	50		*	3.8

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

3rd & 4th May, 1912.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.20 / 4.19	11.50 / 11.50	7.19 / 7.20
Greenwich	4.31 / 4.29	11.57 / 11.57	7.23 / 7.25
Wick	4.16 / 4.14	12.9 / 12.9	8.2 / 8.4
Valencia...	5.10 / 5.8	12.38 / 12.38	8.6 / 8.8

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max	Temperature F. Min	Weather.	STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°			In	°	°	
Malaga	–	72	52	b. b.	Rome...	Trace	64	46	bc. bc
Marseilles	0.04	68	48	bc. o.	Vienna	–	50	36	c. b
Malta	0.39	64	54	r.	Utrecht	–	57	30	b. bc
Algiers	0.12	61	50	c. b.	Zürich	–	*	*	b. b
Tunis	0.65	68	52	r. bc	Geneva	–	*	*	b. b
Palermo	–	69	49	b. o	Lugano	0.16	*	*	o. o

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; z. hoar frost; a. dust-haze, or smoke.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday, 4th May, 1912.

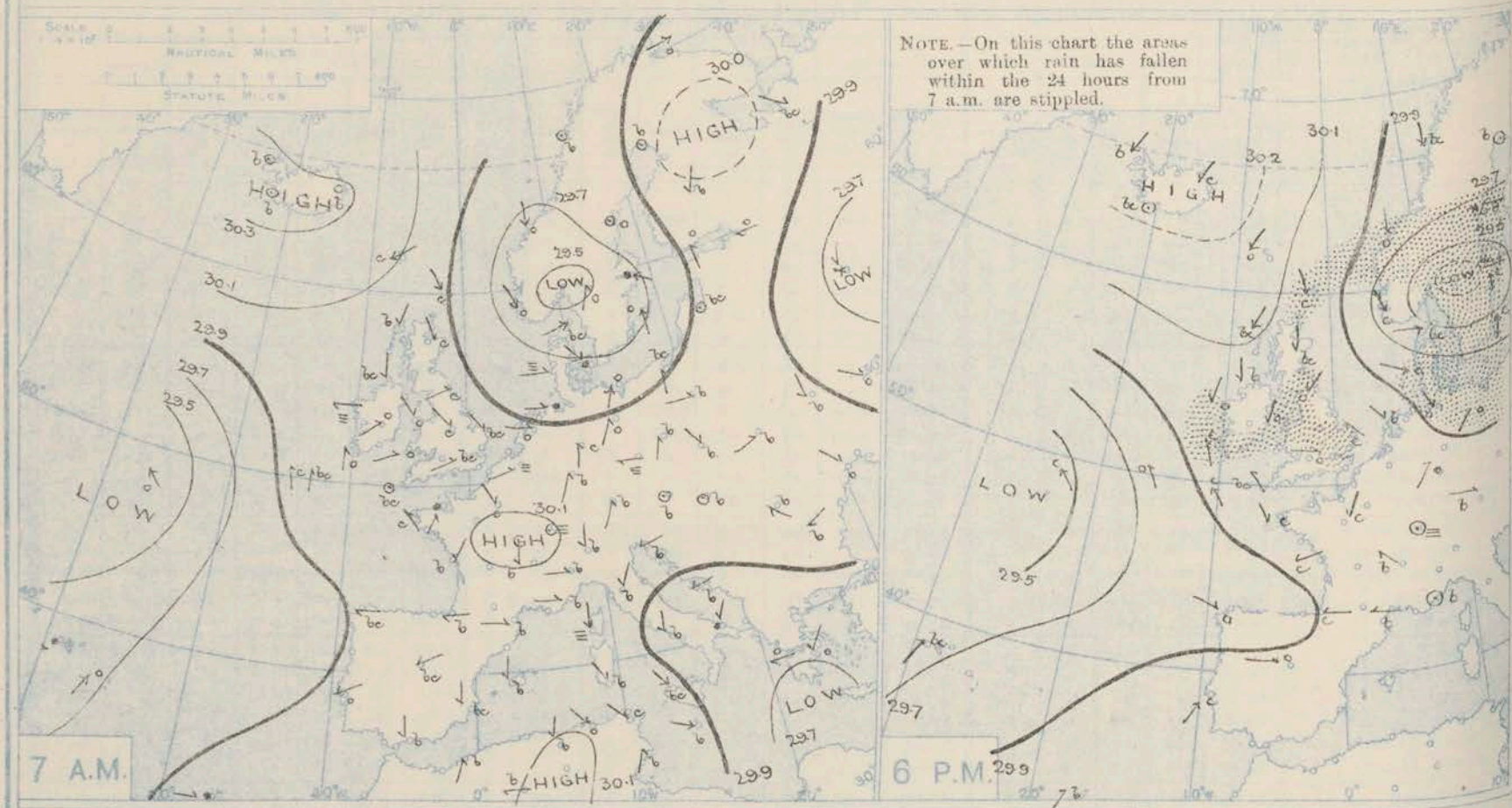
	Stations	Yesterday Evening: Barom. At 32° Fahr. and M.S.L. Lat. 45°	Yesterday Evening: Temp. Dry Bulb	Yesterday Evening: Wind Direc.	Yesterday Evening: Wind Force (0 to 12)	Yesterday Evening: Weather	This Morning 7 a.m., G.M.T.: Barometer At 32° Fahr. and M.S.L. Lat. 45°	This Morning: Barometer Change since 4 a.m.	This Morning: Temp. Dry Bulb	This Morning: Temp. Change since Yesterday	This Morning: Wind Direc.	This Morning: Wind Force (0 to 12)	This Morning: Weather	This Morning: Sea (0 to 9)	Past 24 Hours: Rain fall	Past 24 Hours: Temp. Max.	Past 24 Hours: Temp. Min.	Past 24 Hours: Sunshine	Past 24 Hours: Weather Morn'g 7 a.m. to 1 p.m.	Past 24 Hours: Weather Altern'n 1 p.m. to 8 p.m.	Past 24 Hours: Weather Night 8 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS	Lerwick	30.02	42	NNW	5	c	30.10	+.01	40	0	NNW	4	0	4	Trace	45	38	*	bcpz	bcpb	cq
	Stornoway	30.12	44	NE	4	bc	30.13	.00	43	−3	E	4	b	4	–	51	38	12.5	b.bc	bc	bc.b
	Castlebay (Barra Isd.)	30.07	46	NNE	3	bc	30.07	+.01	46	0	ESE	3	0	3	–	50	43	10.5	o.cq	cq.bc	bc.bqo
	Malin Head	30.03	50	N	2	b	29.99	−.02	45	−3	SSE	2	b	1	–	52	41	*	bc	bc	bc
	Blacksod Point	29.98	54	NNE	3	o	29.92	−.01	51	+2	ESE	2	o	3	Trace	56	48	*	orn	orn	orn
	Valencia	29.93	59	SSE	3	c	29.87	−.01	52	0	E	3	bc	3	0.04	62	51	6.4	o.c	c	bc.r
	Roche's Point	29.99	56	S	2	bc	29.94	*	52	+2	E	3	o	3	0.13	59	50	*	orn.	c.bc	bc.b.ro
	Birr Castle	29.95	58	N	1	c	29.93	*	51	0	NE	1	o	*	–	60	50	0.3	o	c	c.o
	Donaghadee	30.02	50	SE	1	c	30.05	+.01	46	0	ENE	4	c	3	–	54	43	*	c	cv	bc.cg.c
	Liverpool Obsy.	30.02	50	NW	1	o	30.03	+.01	47	−2	ENE	3	o	1	Trace	54	41	0.5	o	o.bc	o
	Holyhead	30.01	50	NNE	1	orn	29.99	−.01	50	0	E	3	c	2	Trace	54	47	*	o.crn	o.crn	crn
	Pembroke (St. Ann's Hd.)	30.00	52	–	0	o	29.96	+.01	51	+1	–	0	ogm	2	Trace	56	49	0.0	orn	crn	orn
	Newquay	29.96	52	NW	1	o	29.92	−.01	52	+1	S	2	o	2	–	56	48	0.0	o	ov	o
	Scilly (St. Mary's)	29.96	54	SE	2	bc	29.89	−.01	52	0	SE	3	cg	3	–	60	50	11.5	bc	bc	cg
	Jersey (St. Aubin)	30.01	55	S	3	cgm	29.97	*	54	+3	ENE	3	ogm	2	–	63	51	8.6	ov.crn	bcrn	bcrn
	Portland Bill	30.02	52	W	2	b	29.97	−.01	51	0	–	0	c	2	Trace	57	49	12.9	b	b	bcrm
	Dungeness	29.97	52	SW	3	o	29.97	+.02	51	−1	SW	2	o	2	–	63	49	5.8	cq	c.o	o.cq
	Dover	30.01	53	SW	2	o	30.01	*	49	0	E	2	m	4	Trace	61	48	4.3	b.bc.c	b.bc.ro	op.crn
	Wick	30.08	43	NNE	3	bc	30.14	+.01	37	−5	NW	1	c	1	0.04	46	33	*	cp	cp.bc	cp.bc.c
	Nairn	30.07	47	E	2	c	30.11	*	38	−6	SW	1	bc	1	–	49	35	1.9	c	c	c.bc
	Aberdeen	30.06	47	N	3	bc	30.13	+.02	42	−3	NW	1	b	2	–	51	33	4.4	c	c.bc	bc.b
	Leith	30.04	47	NE	2	c	30.11	+.03	45	−5	E	2	o	*	0.01	54	41	*	cp	c	c
	North Shields	30.04	45	NE	2	o	30.09	+.01	44	−1	NW	2	c	3	Trace	53	41	0.0	c	o	p.c
	Spurn Head	30.03	48	NE	4	c	30.08	.00	46	−4	NE	5	c	5	–	57	43	*	bc	c.o	o.c
	Yarmouth	30.01	50	SE	1	c	30.08	+.03	47	−5	NE	2	op	2	Trace	58	46	9.3	bc.b	b.bcc	c.op
	Clacton-on-Sea	29.99	53	–	0	o	30.03	+.03	47	−6	E	4	r	3	0.11	61	47	3.5	bc.c	cg.op	op.o.c
	Nottingham	29.96	57	WSW	2	o	30.05	*	43	−8	ENE	4	d	*	0.04	58	42	0.4	c.o	od	o
	Bath	29.99	60	W	2	o	29.98	*	51	−1	NE	1	orn	*	–	63	47	0.8	–	–	–
	Oxford	30.00	55	NNE	1	o	30.02	*	48	−6	ENE	2	o	*	0.11	61	48	*	c.o.c.o	o	or.o
	London (Kew Obsy.)	29.99	59	W	1	o	30.01	+.02	49	−1	E	3	orn	*	–	61	49	2.5	brn.cpo	o	o
ICELAND & FAEROE	Isafjord	30.28	41	NE	3	b	30.05	−.06	38	+5	–	0	c	*	*	*	*				
	Reykjavik	30.23	48	W	3	o	30.10	−.03	39	0	S	2	o	*	*	*	*				
	Vestmanna	30.29	46	–	0	bc	30.16	−.03	37	−3	–	0	b	0	*	*	*				
	Seydisfjord	30.29	44	NE	3	c	30.11	−.04	34	+3	–	0	o	*	*	*	*				
	Thorshavn	30.18	41	NE	4	o	30.17	−.01	38	−1	N	3	c	*	*	*	*				
SCANDINAVIA	Haparanda	29.84	29	–	0	b	29.78	−.01	32	+2	NE	2	bc	*	–	39	24				
	Hernösand	29.63	33	E	2	s	29.63	+.03	35	0	N	2	bc	*	0.79	36	32				
	Stockholm	29.41	42	SSE	2	c	29.43	+.04	38	−4	NNE	6	o	*	0.12	48	34				
	Wisby	29.47	44	S	4	c	29.40	+.01	41	−7	W	4	o	*	0.20	52	41				
	Karlstad	29.39	42	WSW	2	o	29.57	+.10	38	−6	NE	4	o	*	0.08	52	34				
	Færder (X'tania Fjord)	29.48	46	N	6	c	29.66	+.08	41	−6	N	7	o	3	0.04	47	39				
	Bodö	29.78	34	N	4	bc	29.84	+.02	33	−3	N	2	b	1	–	37	30				
	Christiansund	29.80	38	N	6	o	29.92	+.05	35	−5	NNW	3	r	3	0.12	40	34				
	Skudesnaes	29.68	41	NNW	9	c	29.84	+.06	42	0	NNW	9	b	4	–	45	39				
	The Scaw (Skagen)	29.50	46	W	6	bc	29.66	+.05	44	−3	N	6	o	2	–	50	41				
	Blaavands Huk	29.80	43	WNW	6	o	29.79	+.02	44	−3	NW	8	o	6	Trace	50	39				
GERMANY, &c.	Cuxhaven	29.89	48	NNW	4	o	29.93	+.02	45	−7	NNW	5	c	*	0.08	54	43				
	The Helder	29.99	49	NW	3	c	30.06	+.03	47	−4	NNW	2	bc	2	–	52	46				
	Brusseis	30.01	52	NNE	1	b	30.04	+.02	48	+1	ENE	1	o	*	–	64	46				
	Berlin	29.84	52	SW	1	o	29.90	+.04	45	−5	NW	3	c	*	0.08	63	43				
	Frankfurt	29.92	59	SW	1	o	29.99	+.04	53	+8	NE	2	c	*	–	70	45				
	Munich	29.98	52	W	1	b	30.00	+.02	52	+5	SW	3	b	*	–	59	43				
FRANCE	C. Gris Nez	30.01	51	SW	4	o	30.01	+.02	46	−3	E	2	m	1	–	59	46				
	La Hève	30.04	51	NE	1	bc	29.99	*	54	+4	E	1	c	1	–	64	50				
	Brest (St. Mathieu)	30.00	58	NNW	1	c	29.94	+.01	55	+3	SE	2	r	2	–	72	52				
	Lorient (Bec Melen)	29.94	61	N	1	o	29.89	*	56	+6	E	2	o	2	–	68	45				
	Rochefort (Ile d'Aix)	29.94	68	ENE	1	c	29.91	*	55	+2	E	3	o	*	–	81	50				
	Biarritz	29.85	71	E	3	o	29.89	*	59	+8	SW	3	c	2	–	75	51				
	Paris	30.00	62	NE	1	c	30.00	+.01	52	+2	NNE	1	o	*	–	62	47				
	Belfort	29.99	61	–	0	m	30.04	*	49	+8	–	0	m	*	–	67	41				
	Lyons	30.06	61	SE	1	b	30.10	*	55	+2	SSE	1	b	*	–	62	41				
	Nice	30.00	62	–	0	b	30.05	+.02	57	+4	SW	1	b	2	–	63	46				
	Perpignan	30.00	59	E	2	b	30.00	+.04	53	−2	NW	2	o	*	–	66	45				
	Sanguinaire							*													
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)	29.87	57	WNW	3	o	29.98	+.04	58	+2	S	1	c	2	–	72	54				
	Lisbon (9 a.m.)	29.98	61	SW	4	c	30.07	+.06	62	−1	S	2	o	5	–	68	59				
	Gibraltar	29.97	59	E	1	b	30.01	*	53	−7	SE	1	b	*	–	*	*				
	Azores (P. Delgada)																				
	Azores (Horta)	29.67	61	SW	4	bc	29.71	+.04	60	0	WSW	3	bc	3	–	64	57				
	Madeira (Funchal)	30.03	64	SW	2	b	30.11	+.01	64	0	SW	2	b	2	–	68	52				

DURATION AND EXTREME FORCE OF GALES 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 MAY.



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 60° and upwards in many parts of England and Ireland, to 65° at Camden Square; and to 66° at Greenwich. The amount of bright sunshine varied greatly in different localities, but was, as a rule, somewhat small. Rain fell in many parts of the country, but at a large number of stations there was no measurable quantity in the gauge. Wireless reports show that as far west as the 26th meridian ships experienced light to fresh breezes from the South-Eastward, and fair weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

0 a, b; 1 — Light and somewhat variable breezes; fair, cold, ground frost inland at night.

2 a, b — Light N.E.ly breezes; fair generally, but slight rain locally; ground frost inland at night.

3; 4 a, b; 5 — E.ly and N.E.ly winds, light or moderate; cold, cloudy, occasional slight rain.

FORECAST DISTRICTS.

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 — E.ly to S.E.ly winds, light; fair generally, ground frost inland at night.

8 a, b — Light breezes, chiefly E.ly; cloudy, misty, slight rain in places; becoming cooler.

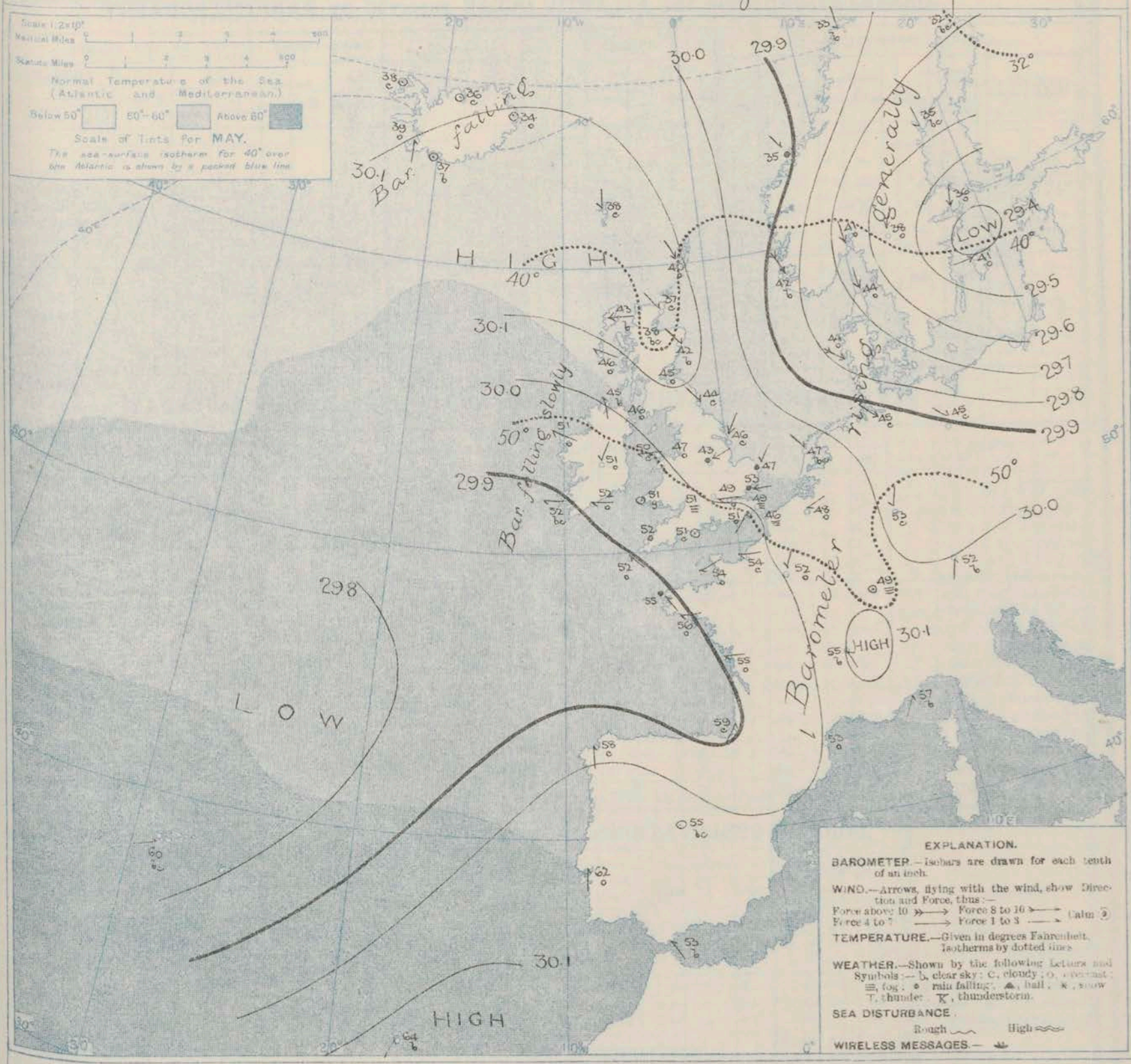
9 a, b; 10 a, b — Same as Nos. 6 & 7.

11 WESTERN CHANNEL AND BAY.

Moderate E.ly and S.E.ly winds, and a slight or moderate sea; cloudy generally, rain in places; rather cooler

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Saturday, 4th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression noticed yesterday over the south of Scandinavia is passing away across the upper part of the Baltic. The anticyclone over Iceland appears to be moving southwards and now covers the greater part of Scotland. A large shallow depression extends from the Azores region over the Bay of Biscay and our own extreme south-west coasts.

The wind is light to moderate from East or North-East over England, Ireland and the north and west of France, but is rather variable in Germany. Northerly to North-Westerly winds prevail over the northern parts of the Continent, and blow with the force of a gale in Denmark and the south of Norway. Temperature has risen a little in France and south Germany, but fallen elsewhere. On our south and south-west coasts the thermometer is a trifle above 50°, but in the north of Scotland it is below 40°. The Continental values range from 55° and upwards in Spain and the west and south of France to 35° and less over the north of Scandinavia. The weather remains fair or fine over Western Europe as a whole, but a good deal of cloud prevails locally, and rain is falling over Eastern and Central England as well as at Brest and Christiansund. The sea is slight or smooth generally, but moderate off the north of Scotland, and rather rough at the mouth of the Humber.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The northern anticyclone is likely to extend further south, and over all the more northern parts of the United Kingdom the weather will probably remain fair and dry. The low pressure system over the Bay will occasion slight falls of rain in many parts of our southern districts.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance
	°	°	In.					°	°	In.				°	°	°	
May 3rd 3p.m.	49	8	29.98	SE	4-5	Montreal.	May 3rd 6p.m.	49	9	29.92	SE	4-5	c	.	.	.	.
" " "	50	15	29.82	SE	4-5	Montcalm.	" " "	?50	15	29.79	SE	4-5	o	.	.	.	.
" " "	49	23	?29.43	ESE	4-5	Cameronia	" " "	49	22	?29.44	ESE	4-5	c	.	.	.	.
" " 4a.m.	51	12	29.98	SSW	1-3	Montcalm	" " 7a.m.	50	13	29.98	S	1-3	bc	.	.	.	.
" " "	48	28	?29.48	ENE	4-5	Cameronia	" " "	48	26	?29.45	ESE	4-5	o	.	.	.	.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min.	Weather.	Sunshine	Rainfall.
				Hr.	In.
Carnoustie	52	42	c.o	2.9	Trace.
Oban, to 6 p.m.	56	47	bc.c.bc.b	7.0	0.01
Dublin (City), to 4 p.m....	55	48	ovg.c	*	0.08
Blackpool, to 9 p.m. ...	55	44	bc.o	9.1	0.03
Southport, to 9 p.m. ...	55	48	o.bc.cv	? 8.1	0.02
†Rhyl, to 6 p.m....	54	47	c.bc.r.o	0.0	0.01
†Colwyn Bay, to 6 p.m. ...	54	47	p.c.bc.b.o	0.1	0.05
Llandudno, to 9 p.m. ...	54	46	or.od.o	0.0	0.13
Bettws-y-Coed, to 6 p.m...					*
Aberystwyth, to 6 p.m. ...	57	51	c.o.bc	2.0	–
Plymouth, to 9 p.m. ...					
Paignton, to 6 p.m.... ...	61	42	bc.c	2.7	–
Torquay, to 6 p.m.	60	46	ov.c.o	4.0	–
Teignmouth, to 9 p.m. ...	59	44	bc.c.bc.d	3.9	–
†Weymouth, to 6 p.m. ...	63	42	b.o.c.bc.b	12.9	–
†Bournemouth, to 6 p.m....	64	42	w.b.bc	13.1	–
Southsea, to 6 p.m.... ...	64	46*	bc.c.bc.c	6.3	–
†Worthing, to 6 p.m. ...	58	45	c.b.	6.2	–
Stonehaven, to 6 p.m.	*	*	*	1.2	–

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
				Hr.	In.
Brighton, to 6 p.m.	53	47	bc.c.o	6.5	–
Seaford, to 6 p.m.	57	49	b.bc.b.cbc	7.1	–
† Eastbourne, to 6 p.m. ...	57	49	o.bc.b.bc	8.9	–
Bexhill-on-Sea, to 9 p.m...	56	49	b.c	7.5	–
Hastings	*	*	*	7.0	*
† Folkestone, to 6 p.m. ...	58	49	bc.o	6.2	–
† Deal, to 6 p.m....	63	51	o.bc.c	4.5	–
† Ramsgate, to 6 p.m. ...	*	*	*	3.2	?
Margate, to 6 p.m.	62	51		1.0	–
† Felixstowe, to 6 p.m. ...	63	50	m.o bem.o	3.9	–
† Lowestoft, to 6 p.m. ...	59	50	op.bc.o	9.8	0.01
† Skegness, to 6 p.m.... ...	57	46	bc.o	10.1	–
Scarborough, to 9 p.m. ...	57	44	o.bc.c	5.0	–
† Harrogate, to 6 p.m. ...	60	39	op.b.bc.c	9.9	0.01
Buxton, to 9 p.m.	61	52	bc.r.c	1.3	0.06
Darwen, to 9 p.m.	58	42	bc.or.o	8.5	0.21
Manchester, to 9 p.m. ...	57	47	od.o.c.o	0.6	0.08
Birmingham, to 9 p.m. ...	58	48	o	0.1	–

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
	%	%	24 Hours ended at 9 a.m. To-day.			In.	Hr.
Greenwich (Royal Obsy.) ...	60	91	66	48	o.odp o	0.01	1.6
City (Bunhill Row)	*	*	*	*	*	*	0.8
Westminster (St. James's Pk.)	73	93	62	49	bc.r	0.01	1.5
Camden Sq. (Brit. Rainfall)	69	98	65	48	o.c.or	0.05	1.3
Hampstead (Reservoir) ...	*	100	61	46	cp.or	0.09	2.1
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	63	47	a odm.o	Trace	*
" " (Roof of M.O.)	67	96	63	48		*	1.7

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

4th & 5th May, 1912.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.19	11.50	7.20
	4.18	11.50	7.22
Greenwich	4.29	11.57	7.25
	4.28	11.57	7.26
Wick	4.14	12.9	8.4
	4.12	12.9	8.6
Valencia...	5.8	12.38	8.8
	5.6	12.38	8.9

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.	STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°			In	°	°	
Malaga	–	70	54	b. b	Rome...	–	64	47	b. bc
Marseilles	–	66	43	b. r.	Vienna	–	54	36	b. b
Malta	1.14	59	52	b.	Utrecht	0.04	63	43	c. c.
Algiers	–	66	50	b. b.	Zürich	–	*	*	b. b.
Tunis	0.24	73	52	o. c.	Geneva	–	*	*	b. b.
Palermo	0.08	60	46	b. bc	Lugano	–	*	*	b. b.

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

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday, 5th May, 1912.

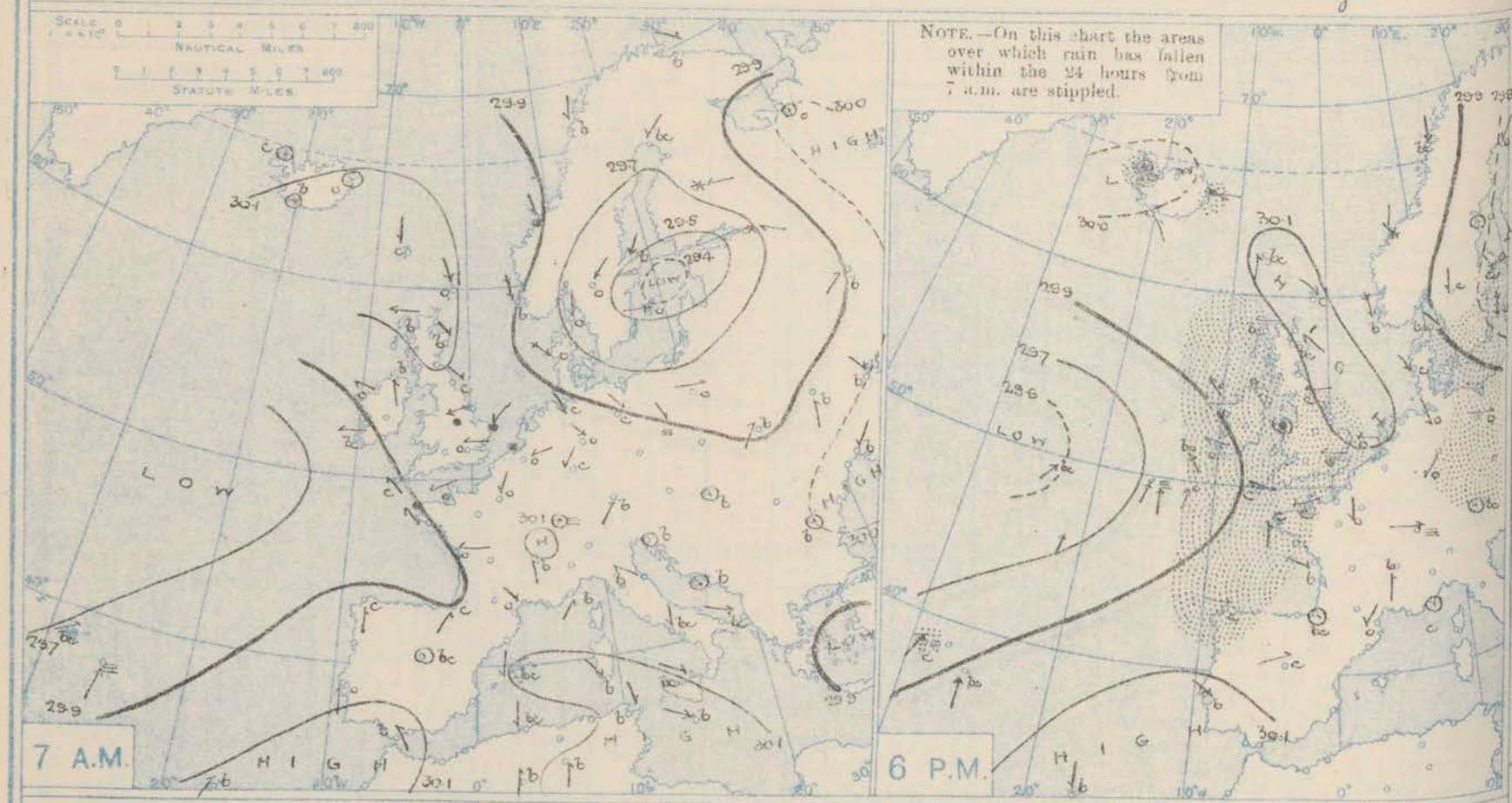
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Temp. Dry Bulb.	Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather Morn'g. 7 a.m. to 1 p.m.	Weather Aftern'n. 1 p.m. to 6 p.m.	Weather Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	30·15	41	NW	2	c	30·15	·00	36	−4	−	0	bc	0	−	43	34	*	c	bcm	bc
	Stornoway	30·07	48	E	2	bcy	30·01	−·02	45	+2	SSE	2	r	2	0·01	50	42	7·8	by	bcy	b.odp
	Castlebay (Barra Isd.)	30·03	48	E	3	d	29·96	−·02	46	0	ESE	5	0	4	0·21	50	45	0·5	o.c.o	od	d.r.d
	Malin Head	29·95	53	SE	3	0	29·88	−·05	?47	+2	SE	5	ogmpy	3	Trace	53	45	*	omy	omy	ompy
	Blacksod Point	29·90	56	E	3	0	29·81	−·02	52	+1	SE	4	0	3	Trace	60	49	*	om	om	om
	Valencia	29·84	56	ESE	3	oy	29·78	−·01	53	+1	SSE	1	0	3	0·04	63	52	4·6	c.b.o	c.by	cr
	Roche's Point	29·92	54	E	4	0	29·85	*	54	+2	S	4	0	4	0·06	57	52	*	o	ogp	ompw
	Birr Castle	29·90	56	SE	1	0	29·84	*	52	+1	SE	2	0	*	0·07	59	48	0·2	op	c.op	o
	Donaghadee	30·03	47	ESE	2	y	29·99	−·03	46	0	ESE	3	r	3	Trace	53	45	*	bcy	om	ogp
	Liverpool Obsy.	30·04	46	E	3	r	30·02	·00	45	−2	ESE	4	0	3	0·03	48	43	0·0	od	o.c	o.c
	Holyhead	29·98	[illegible]	*	0	omdp	29·95	−·01	50	0	E	1	0	1	0·02	58	48	*	cmdp	gmdp	o.cmp
	Pembroke (St. Ann's Hd.)	29·96	52	SSE	1	r	29·92	−·01	50	−1	ESE	4	mp	3	0·14	56	49	1·2	ogm	cm	omr
	Newquay	29·92	55	ESE	2	cp	29·91	+·01	55	+3	SE	1	0	1	0·02	57	50	1·0	op.o	o.bc.c	op
	Scilly (St. Mary's)	29·91	55	ESE	3	cm	29·91	·00	54	+2	SSE	2	og	2	0·01	60	51	0·8	om	cm	omg
	Jersey (St. Aubin)	29·96	61	ENE	3	ogm	29·99	*	55	+1	S	2	ogm	2	0·01	68	53	2·2	o.cmp	c.ogpr	ogd.o
	Portland Bill	29·98	52	E	2	o	29·97	·00	51	0	E	4	0	3	Trace	55	49	0·1	cm	c	op.r
	Dungeness	29·99	51	ENE	4	r	30·02	?	50	−1	ENE	3	og	3	Trace	55	49	0·0	op	or	op.r.o
	Dover	30·03	49	E	4	c	30·06	*	48	−1	E	3	0	4	0·05	51	47	0·0	mod	c.od	or.o
	Wick	30·14	43	ESE	2	c	30·09	−·01	44	+7	SSE	3	c	3	−	44	36	*	c	c	cm.c
	Nairn	30·05	50	E	1	c	30·03	*	45	+7	−	0	0	0	−	51	34	6·5	b	c	o
	Aberdeen	30·14	45	SE	3	bc	30·11	·00	45	+3	SSE	3	0	2	−	53	41	7·1	b.bc.c	b.bc	c.o
	Leith	30·09	47	E	2	c	30·05	·00	45	0	E	2	c	*	−	50	41	*	c	c	o
	North Shields	30·12	46	E	3	c	30·11	−·02	44	0	SE	4	r	3	0·01	52	41	?	c	o	r
	Spurn Head	30·11	46	ENE	5	o	30·09	−·01	46	0	SE	6	0	6	Trace	47	44	*	o	o	o
	Yarmouth	30·10	47	E	3	o	30·13	+·01	47	0	E	4	cp	3	Trace	48	45	0·0	o	o	op
	Clacton-on-Sea	30·07	48	ENE	4	o	30·08	+·01	43	−4	ESE	3	0	2	0·06	50	43	0·0	or.o	od.o	od
	Nottingham	30·07	45	E	3	r	30·06	*	44	+1	E	2	d	*	0·08	46	42	0·0	r	d.r	d.r
	Bath	30·00	54	ENE	1	o	30·00	*	49	−2	ESE	1	0	*	0·05	59	49	0·0	−	−	−
	Oxford	30·06	48	E	2	r	30·04	*	49	+1	ESE	2	0	*	0·31	50	46	*	or	or	or.o
	London (Kew Obsy.)	30·04	49	E	3	odm	30·05	·00	50	+1	E	2	om	*	0·11	51	47	0·0	om.omr	or.dm	omd
ICELAND & FAEROE.	Isafjord	29·99	37	−	0	r	30·01	·00	34	−4	NE	5	0	*	*	*	*	*			
	Reykjavik	29·98	49	S	3	o	29·86	−·02	40	+1	E	3	b	*	*	*	*	*			
	Vestmanna	30·05	44	SE	1	o	29·92	−·03	42	+5	E	1	c	0	*	*	*	*			
	Seydisfjord	30·05	42	E	1	r	29·96	−·01	35	+1	−	0	0	*	*	*	*	*			
	Thorshavn	30·16	45	S	2	bc	30·07	−·03	41	+3	S	3	c	*	*	*	*	*			
SCANDINAVIA.	Haparanda	29·79	31	NE	2	o	29·84	+·01	33	+1	N	2	b	*	Trace	37	25				
	Hernösand	29·81	36	−	0	o	29·96	+·06	36	+1	NW	2	b	*	−	39	32				
	Stockholm	29·73	34	NNW	6	c	29·94	+·07	36	0	NW	6	0	*	Trace	37	30				
	Wisby	29·73	36	N	8	o	29·93	+·06	38	−3	NW	6	c	*	Trace	43	34				
	Karlstad	29·88	40	N	2	c	30·04	+·04	36	−2	NE	4	b	*	−	43	32				
	Færder (X'iania Fjord)	29·90	44	NNE	4	b	30·08	+·04	39	−2	NNE	4	c	2	−	45	37				
	Bodö	29·95	33	N	4	bc	29·98	?	32	−1	N	2	bc	?	?	?	?				
	Christiansund	30·06	36	N	1	s	30·13	?	35	0	W	1	0	?	?	?	?				
	Skudesnaes	30·02	40	NNW	8	b	30·10	+·03	41	−1	NNW	4	b	2	−	45	36				
	The Scaw (Skagen)	29·93	45	NW	3	bc	30·07	+·04	43	−1	ENE	3	0	1	Trace	50	39				
	Blaavands Huk	30·03	42	NNW	5	c	30·12	+·04	45	+1	NNW	3	bc	2	−	46	41				
GERMANY, &c.	Cuxhaven	30·07	45	NNW	3	o	30·15	+·04	44	−1	NW	3	0	*	−	48	43				
	The Helder	30·13	46	N	3	bc	30·17	+·01	46	−1	ENE	2	c	1	−	50	45				
	Brussels	30·06	50	NE	5	r	30·08	+·01	44	−4	ENE	2	0	*	?	61	43				
	Berlin	29·99	48	W	3	b	30·13	+·04	41	−4	NW	3	c	*	Trace	55	37				
	Frankfurt	30·00	54	NE	1	o	30·06	+·03	49	−4	NE	1	0	*	0·04	63	46				
	Munich	29·98	53	−	0	bc	30·08	+·02	48	−4	SW	2	c	*	Trace	63	45				
FRANCE.	C. Gris Nez	30·03	51	ESE	3	r	30·03	+·01	49	+3	ESE	3	c	2	0·16	59	46				
	La Hève	29·99	54	E	3	c	30·00	*	52	−2	SE	1	0	1	−	63	48				
	Brest (St. Mathieu)	29·98	58	S	2	c	30·00	·00	54	−1	SSW	2	0	2	0·04	66	54				
	Lorient (Bec Melen)	29·95	60	SW	2	c	29·97	*	55	−1	S	3	0	3	0·04	66	50				
	Rochefort (Ile d' Aix)	30·00	58	WNW	3	b	30·09	*	57	+2	WSW	3	0	*	−	70	54				
	Biarritz	30·02	64	−	0	bc	30·06	*	59	0	SE	2	bc	1	−	64	54				
	Paris	29·97	61	N	3	o	30·00	+·03	56	−4	−	0	bc	*	Trace	71	48				
	Belfort	29·96	63	W	5	m	30·07	*	?	?	−	0	?	*	0·04	72	47				
	Lyons	29·96	65	S	2	b	30·10	*	56	+1	SW	1	c	*	−	71	49				
	Nice	30·06	54	−	0	c	30·06	+·02	55	−2	−	0	bc	2	−	64	48				
	Perpignan	30·03	62	NE	1	o	30·13	+·03	59	+6	SW	1	0	*	0·04	68	51				
	Sanguinaire							*													
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)	30·03	59	W	2	c	30·11	+·04	59	+1	SSW	3	r	2	0·16	68	55				
	Lisbon (9 a.m.)	30·19	60	WNW	4	b	30·23	+·05	62	0	NW	2	0	5	−	68	57				
	Gibraltar	30·08	62	NW	3	b	30·08	*	62	+9	NW	2	b	*	−	*	*				
	Azores (P. Delgada)	29·95	61	S	4	bc	29·94	+·04	62	+1	SSW	4	0	3	−	64	59				
	Azores (Horta)	29·82	62	SW	5	c	29·79	+·02	63	+3	SW	5	0	5	0·04	66	60				
	Madeira (Funchal)	30·19	64	N	1	b	30·23	+·03	64	0	N	1	b	1	−	66	52				

DURATION AND EXTREME FORCE OF GALES 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. 4th May



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 60° or above in some Irish localities, to 60° at Scilly, and to 68° at Jersey, but remained below 50° in many parts of England. Rain has been experienced over the greater part of England and Ireland. In most places the amount was slight, but at Oxford the measurement was 0.3 in. Over a considerable area in England there was no sunshine, and in Ireland there was little, but in Scotland the records varied between 6 and 8 hours.

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.

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}

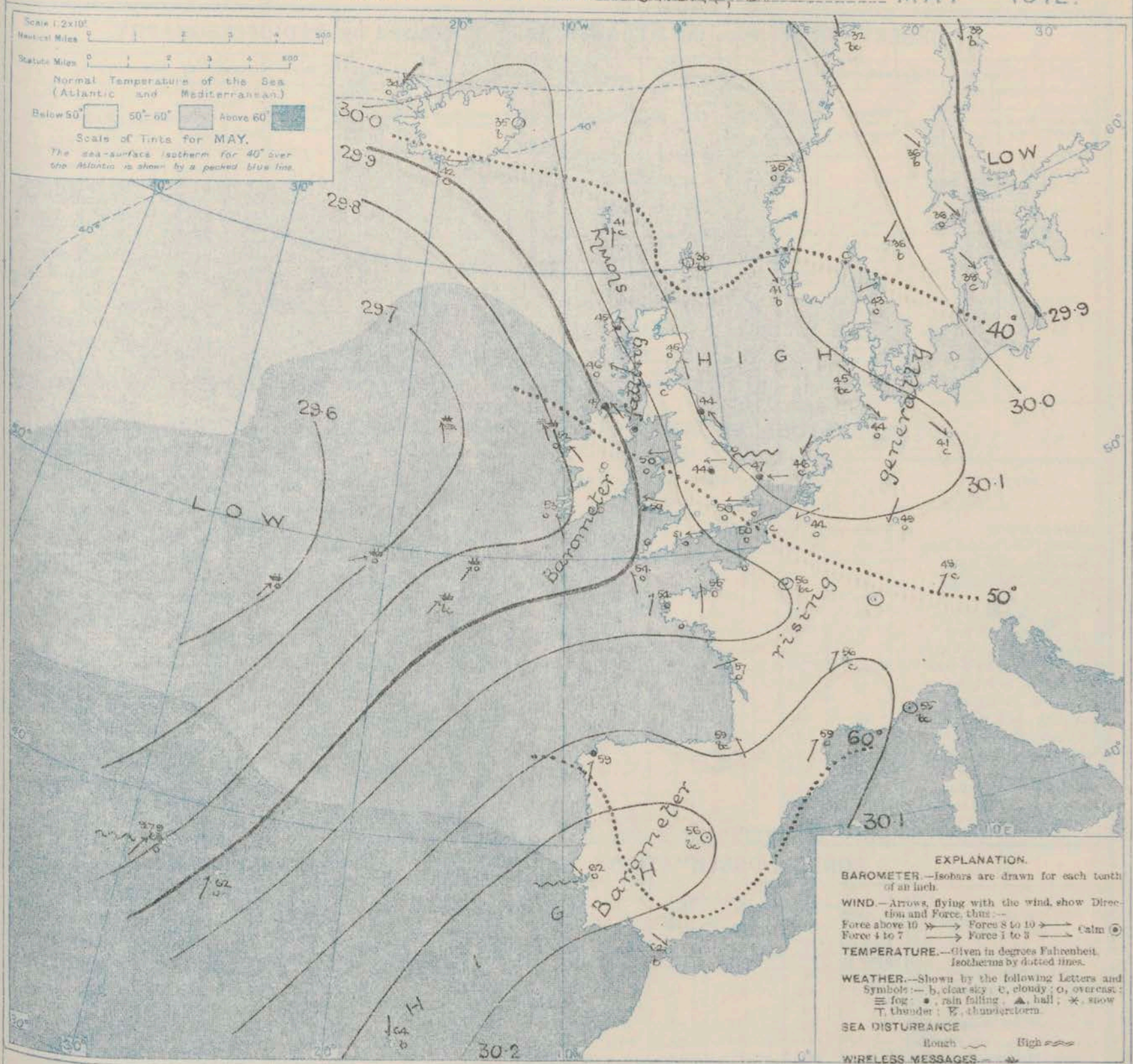
10 {a, b}

None Issued

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. SUNDAY, 5th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.2 in. over the southern half of the Peninsula and thence to Madeira, and above 30.1 in. over the North Sea region, the Netherlands and North Germany. It is relatively low over Britain and the Channel, and below 29.7 in. on the Atlantic far to the westward of Ireland.

Over these islands the wind current is between East and South-East and its force mostly light to moderate. Over Scandinavia it draws into North or North-West and blows strongly in the south-east of Sweden. Wireless reports show that moderate South-Westerly breezes prevail along the southern steamer route as far west as the 26th meridian, and moderate South-Easterly breezes further north. Temperature has risen a little in most places, and is now 50° or rather higher at several stations in the extreme south and west of these islands; at many places over the northern half of the Kingdom it is about 45°, at Lerwick as low as 36°. Rain is falling in several parts of these islands and also at Coruña, and the sky is cloudy or overcast over our area generally. In a considerable portion of Scandinavia, however, the weather is bright.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

DAILY WEATHER REPORT. Sunday, 5th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	In.					°	°	In.				°	°	°	
4th May 8 p.m.	47	22	29.62	SSW	4-5	Kroonland	4th May 6 p.m.	47	21	29.66	SSW	4-5	b	-	-	-	-
" "	45	15	29.71	S	1-3	Ascania	" " "	49	16	29.60	S	4-5	m	-	-	-	-
" " ? "	49	22	29.63	SSW	4-5	Montcalm	" " ? "	49	23	29.60	SW	4-5	bc	-	-	-	-
" " "	51	13	29.76	S	4-5	Victorian	" " "	51	12	29.80	SE	4-5	bc	-	-	-	-
" " "	55	10	30.04	SE	1-3	Empress of Ireland	" " "	55	11	30.00	SSE	4-5	o	-	-	-	-
" " "	49	11	29.79	SW	4-5	Menominee	" " "	49	12	29.78	SW	4-5	c	-	-	-	-
" " "	49	11	29.97	S	4-5	Mesaba	" " "	49	10	29.99	S	4-5	bc	-	-	-	-
" " "	49	15	29.73	SW	4-5	Montreal	" " "	49	16	29.70	SSW	4-5	o	-	-	-	-
" " "	51	13	?29.49	SE	4-5	Cameronia	" " "	51	12	?29.51	SE	4-5	c	-	-	-	-
" " "	50	12	29.82	ESE	4-5	Cymric	" " "	50	11	29.84	ESE	4-5	o	-	-	-	-
" " 10 a.m.	50	16	29.65	ESE	1-3		" " 1 p.m.	50	15	29.72	ENE	4-5	o	-	-	-	-
" " 10 a.m.	48	15	29.79	ESE	4-5	Mesaba	" " 6 p.m.	49	14	29.62	E	4-5	c	-	-	-	-
" " "	51	19	29.69	S	4-5	Victorian	" " "	51	17	29.63	SE	4-5	o	-	-	-	-
" " "	49	12	29.76	SE	4-5	Montreal	" " "	49	13	29.74	WNW	4-5	o	-	-	-	-
" " "	50	18	?29.30	SE	4-5	Cameronia	" " "	50	16	?29.36	SE	4-5	c	-	-	-	-
" " "	49	12	29.74	ESE	1-3	Ascania	" " "	49	13	29.72	SSE	1-3	c	-	-	-	-
" " "	50	19	29.67	SSE	4-5	Montcalm	" " "	50	20	29.64	SW	1-3	c	-	-	-	-
" " "	45	26	29.38	SSE	4-5	Kroonland	" " "	46	25	29.41	SSW	4-5	o	-	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min	Weather.	Sunshine.	Rainfall
	°	°		Hr.	In.
Oban, to 6 p.m.	59	43	-	2.1	-
Dublin (City), to 4 p.m....	56	48	op.c.o.c	*	0.01
Blackpool, to 9 p.m. ...	48	43	o.od	0.0	0.01
Southport, to 9 p.m. ...	47	45	o.r	0.0	0.01
Rhyl, to 6 p.m....	49	45	o.r.o	0.0	0.05
†Colwyn Bay, to 6 p.m. ...	52	46	c.o	0.0	0.05
Llandudno, to 9 p.m. ...	52	46	op.o	0.0	-
Bettws-y-Coed, to 6 p.m...					*
Aberystwyth, to 6 p.m. ...	56	48	od.op	0.0	0.02
Plymouth, to 9 p.m. ...	59	49	o bcp.bc	1.3	0.01
Paignton, to 6 p.m.... ...					
Torquay, to 6 p.m.	56	52	om.o	0.2	-
Teignmouth, to 9 p.m. ...	55	51	o.c	0.3	-
†Weymouth, to 6 p.m. ...	57	43	oc.b.bq.oe	0.1	-
†Bournemouth, to 6 p.m....	58	43	m.o	0.0	-
Southsea, to 6 p.m.... ...			*		
†Worthing, to 6 p.m. ...	56	48	3	0.0	-
Carnoustie, to 6 p.m.	49	36	bc.o.c	7.9	-

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°			Hr.	In.
†Brighton, to 6 p.m.	55	50	o.og	0.0	-
†Seaford, to 6 p.m.	59	49	o.d	0.0	-
†Eastbourne, to 6 p.m. ...	55	49	oge.md	0.0	-
Bexhill-on-Sea, to 9 p.m...	55	50	c.oe	0.0	*
†Hastings	*	*	*	0.0	0.01
†Folkestone, to 6 p.m. ...	53	47	o.r	0.0	0.04
†Deal, to 6 p.m....	55	48	o.cp.o3	0.0	-
†Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.04
†Margate, to 6 p.m.	54	47	o	0.0	0.16
†Felixstowe, to 6 p.m. ...	49	46	m.op.dm.o	0.0	
†Lowestoft, to 6 p.m. ...					-
†Skegness, to 6 p.m.... ...	50	41	o	0.0	-
Scarborough, to 9 p.m. ...	51	45	o.c	3.2	-
†Harrogate, to 6 p.m. ...	48	41	o	0.0	0.16
Buxton, to 9 p.m.	51	38	rg.o	0.0	0.02
Darwen, to 9 p.m.	47	41	org.or	0.0	0.02
Manchester, to 9 p.m. ...	47	43	c.op.or	0.0	0.24
Birmingham, to 9 p.m. ...	53	44	r	0.0	

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
			24 Hours ended at 9 a.m. To-day.				
	%	%	°			In.	Hr.
Greenwich (Royal Obsy.) ...	94	82	54	46	o.r	0.18	0.0
City (Bunhill Row)	*	*	*	*	*	*	0.0
Westminster (St. James's Pk.	94	82	55	48	r.o.	0.21	0.0
Camden Sq. (Brit. Rainfall)	93	81	54	47	or.o	0.26	0.0
Hampstead (Reservoir) ...	*	87	51	44	or.o	0.20	0.0
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	60	48	o.odp.od.or	0.15	0.0
" " (Roof of M.O.)	91	83	61	48		*	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

5th & 6th May, 1912.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.18	11.50	7.22
	4.16	11.50	7.24
Greenwich	4.28	11.57	7.36
	4.26	11.57	7.38
Wick	4.12	12.9	8.6
	4.10	12.9	8.8
Valencia...	5.6	12.38	8.9
	5.5	12.38	8.10

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga	-	66	54	b. b
Marseilles	-	66	41	b. b
Malta	-	63	55	- b
Algiers	-	64	55	b. bc
Tunis	-	64	46	bc. b
Palermo	-	67	48	b. bc

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In	°	°	
Rome...	-	64	49	b. b
Vienna	-	63	43	b. b
Utrecht	-	59	43	bc. c
Zürich	-	*	*	b. b
Geneva	-	*	*	b. b
Lugano	-	*	*	b. b

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday, 6th May, 1912.

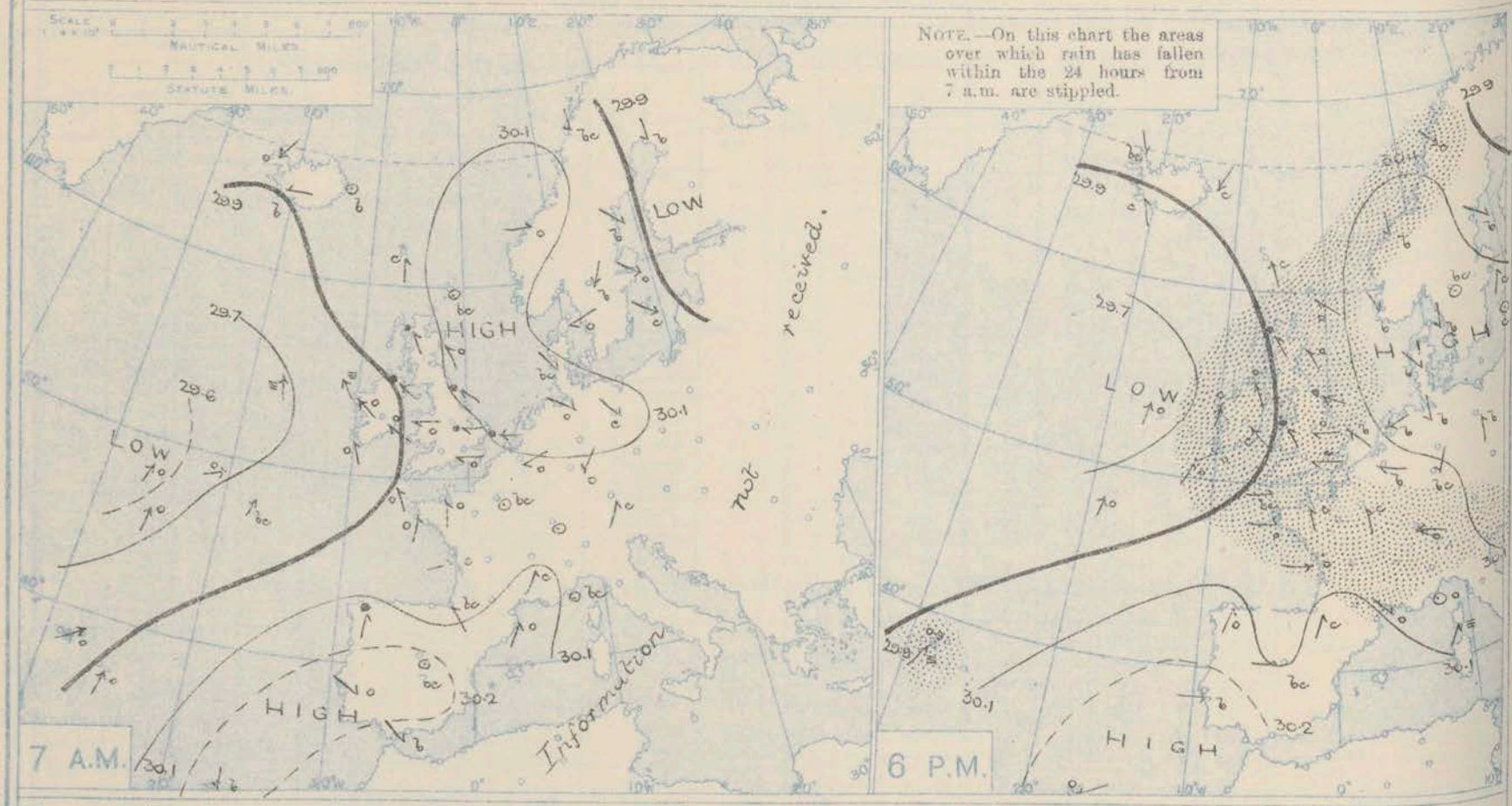
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Change since 6 a.m.	Temp. Dry Bulb.	Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	30·06	44	ESE	3	o	29·98	-·03	42	+6	ESE	5	r	3	0·24	45	36	*	bc	bc	omr
	Stornoway	29·90	47	SSE	2	od	29·80	-·02	47	+2	SE	2	r	2	0·36	47	44	0·0	od	od	odpm
	Castlebay (Barra Isd.)	29·86	48	ESE	5	o	29·78	+·01	49	+3	SW	3	df	4	0·23	49	46	0·0	or.d	dp.o	od.r df
	Malin Head	29·78	52	SSE	6	omq	29·81	+·01	51	+4	SW	3	cpm	2	0·04	53	46	*	om	opqm	opm
	Blacksod Point	29·77	55	SSW	4	o	29·79	+·01	53	+1	SSW	4	o	3	0·10	55	51	*	opm	opm	om
	Valencia	29·86	56	SW	3	om	29·86	-·01	53	0	S	3	om	4	0·10	58	52	0·5	cm.r	cm	cm.r
	Roche's Point	29·87	54	SSE	1	o	29·94	*	54	0	S	4	o	4	0·04	57	52	*	op	d.cro	bc.om
	Birr Castle	29·81	56	SE	4	c	29·88	*	53	+1	SSE	2	c	*	0·17	61	51	0·8	cp	op.c	or.c
	Donaghadee	29·90	48	ESE	3	md	29·88	+·03	51	+5	S	2	c	2	0·10	53	45	*	od3	opdm	odm.r.c
	Liverpool Obsy.	29·96	51	ESE	3	r	29·96	+·02	52	+7	SW	1	o	2	0·21	53	42	0·4	od	op	ov
	Holyhead	29·92	54	SE	1	omdp	29·95	+·03	51	+1	SW	3	c	2	0·05	60	48	*	o.c.dpm	dpm	cm
	Pembroke (St. Ann's Hd.)	29·93	51	SE	2	r	30·01	+·03	51	+1	SW	1	o	2	0·07	55	50	10·0	opm	cm	omr
	Newquay	29·92	54	SE	1	r	30·03	+·02	53	-2	SW	2	og	2	0·10	60	52	0·5	o.c.o	o.r	o.r.o
	Scilly (St. Mary's)	29·92	52	W	3	bc	30·00	·00	53	-1	S	3	ogm	3	0·05	57	51	1·2	og	omr	bcm
	Jersey (St. Aubin)	29·99	57	SSE	2	cm	30·12	*	54	-1	WSW	3	ogm	3	–	60	47	1·3	o.c.	gmc	c.ogm
	Portland Bill	29·99	54	SSE	1	c	30·05	+·03	52	+1	WNW	3	bc	2	0·02	56	50	0·3	cp	c	cp.f
	Dungeness	29·98	54	ENE	3	bc	30·02	+·03	54	+4	SW	2	c	2	trace	57	45	4·0	bc	c.bc	c.cp.c
	Dover	30·03	52	NNE	1	b	30·04	*	58	+10	WNW	1	bc	2	–	59	46	5·1	c.c.bc	bc.b.bc	bc.c.bc
	Wick	29·97	45	SSE	4	o	29·84	-·02	46	+2	S	2	om	4	0·02	47	43	*	c.om	op.m	om.r.om
	Nairn	29·91	51	WSW	1	o	29·82	*	50	+5	–	0	o	1	0·08	56	45	1·3	o	o	r.o
	Aberdeen	30·02	45	SSE	3	d	29·89	-·02	46	+1	S	2	o	3	0·03	51	44	0·4	o.c	odp	odpm
	Leith	29·98	51	SE	2	c	29·87	-·02	50	+5	SE	1	o	*	0·41	52	45	*	c	cp	or
	North Shields	30·03	46	ESE	4	op	29·94	-·01	47	+3	SSW	2	c	4	0·22	47	42	0·0	–	–	op.r
	Spurn Head	30·03	48	SE	6	o	29·98	·00	51	+5	SSE	3	c	4	0·02	51	44	*	or	o	cq.oq
	Yarmouth	30·08	50	ESE	3	b	30·02	·00	53	+6	WSW	1	bc	1	–	53	47	4·0	op.o	c.bc.b	b.bc
	Clacton-on-Sea	30·04	52	ENE	4	bc	30·03	+·02	54	+11	WSW	2	bc	1	–	54	43	4·3	o.c	c.bc	bc.c.bc
	Nottingham	29·99	54	E	2	o	29·97	*	52	+8	SW	2	om	*	0·02	55	43	2·0	d.r.o	o	op
	Bath	29·96	58	SW	2	o	30·04	*	55	+6	W	1	o	*	0·06	61	49	0·3	–	–	–
	Oxford	30·00	56	S	2	o	30·04	*	55	+6	SW	2	o	*	0·01	60	49	*	o.cm	o.cp.r	o.cp.r
	London (Kew Obsy.)	30·00	56	E	3	cm	30·04	+·02	52	+2	WSW	2	om	*	trace	61	47	1·7	om	om.cm	bm.o.bc
ICELAND & FAEROE.	Isafjord	29·93	42	NNW	3	bc	29·82	·00	38	+4	E	4	c	*	*	*	*				
	Reykjavik	29·80	49	SE	3	c	29·71	-·04	41	+1	E	3	b	*	*	*	*				
	Vestmanna	29·87	47	E	7	b	29·74	-·03	43	+1	E	10	bc	6	*	*	*				
	Seydisfjord	29·99	50	NE	4	c	30·01	·00	35	0	–	0	f	*	*	*	*				
	Thorshavn	30·01	45	SSE	4	c	29·94	-·01	42	+1	E	6	o	*	*	*	*				
SCANDINAVIA.	Haparanda	29·38	33	NNW	2	c	29·98	+·01	34	+1	N	2	b	*	–	41	23				
	Hernösand	30·06	37	NW	2	b	30·16	+·02	36	0	WNW	2	b	*	–	41	28				
	Stockholm	30·13	33	SW	2	c	30·21	+·02	40	+4	W	4	b	*	?	41	30				
	Wisby	30·14	37	–	0	c	30·23	+·03	42	+4	SW	2	b	*	–	43	34				
	Karlstad	30·15	40	–	0	bc	30·21	+·02	41	+5	SE	2	c	*	–	46	32				
	Færder (Christiania Fjord)	30·15	42	SW	2	b	30·17	+·01	44	+5	SSW	3	o	2	–	46	39				
	Bodö	30·04	34	NW	4	c	30·07	+·01	34	+2	NW	4	bc	2	?	36	28				
	Christiansund	30·17	39	N	1	b	30·15	+·01	39	+4	SSW	1	b	2	0·04	39	34				
	Skudesnaes	30·14	39	NNW	4	b	30·12	+·01	42	+1	NE	2	o	2	–	45	36				
	The Scaw (Skagen)	30·16	43	N	1	b	30·18	+·01	46	+3	SE	3	bc	1	–	50	39				
	Blaavands Huk	30·18	40	NW	2	b	30·15	+·01	46	+1	SSW	1	o	1	–	48	36				
GERMANY, &c.	Cuxhaven	30·17	45	N	2	b	30·13	-·01	46	+2	SE	2	o	*	–	50	43				
	The Helder	30·11	51	ENE	3	b	30·05	·00	51	+5	ESE	1	c	1	–	52	46				
	Brussels	30·02	56	E	1	b	30·01	+·02	56	+12	SW	2	r	*	?	67	44				
	Berlin	30·14	51	S	1	b	30·18	+·02	50	+9	S	1	c	*	–	57	37				
	Frankfurt	30·03	55	NE	1	bc	30·08	+·04	52	+3	NE	1	m	*	–	64	43				
	Munich	30·14	51	W	3	r	30·17	+·02	52	+4	S	1	c	*	0·24	55	46				
FRANCE.	C. Gris Nez	29·99	55	E	3	c	30·06	+·02	53	+4	SW	3	bc	2	trace	59	49				
	La Hève	30·02	55	SE	1	o	30·11	*	55	+3	W	3	c	3	0·43	66	52				
	Brest (St. Mathieu)	30·04	55	W	3	o	30·14	+·02	54	0	SSW	3	c	3	0·04	66	52				
	Lorient (Bec Melen)	29·94	57	W	4	c	30·14	*	55	0	WSW	1	o	2	0·39	68	52				
	Rochefort (Ile d'Aix)	30·09	57	W	5	o	30·21	*	56	-1	W	1	o	*	0·16	63	55				
	Biarritz	30·12	62	SW	2	c	30·19	*	59	0	S	1	c	0	–	75	57				
	Paris	30·03	58	SE	2	bc	30·08	+·04	57	+1	S	1	o	*	0·08	71	53				
	Belfort	30·09	57	E	6	o	30·19	*	50	?	W	2	r	*	0·24	67	46				
	Lyons							*						*							
	Nice	30·09	54	–	0	o	30·19	+·03	54	-1	–	0	o	2	–	68	52				
	Perpignan	30·10	68	NW	1	o	30·22	+·03	65	+6	NE	1	c	*	0·04	75	56				
	Sanguinaire	30·08	58	SW	2	m	30·12	*	58		S	1	o	3	–	66	50				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)	30·18	66	SW	1	o	30·23	·00	61	+2	S	3	o	2	–	72	57				
	Lisbon (9 a.m.)	30·27	60	W	4	b	30·26	+·01	64	+2	E	3	b	5	–	68	59				
	Gibraltar							*						*		*	*				
	Azores (P. Delgada)																				
	Azores (Horta)	29·93	63	SW	4	f	29·78	-·04	63	-1	SW	5	f	6	0·91	66	63				
	Madeira (Funchal)	30·25	66	ENE	3	o	30·20	-·01	65	+1	ENE	3	bc	3	–	66	54				

DURATION AND EXTREME FORCE OF GALES 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. — 5TH MAY.



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 60° or slightly above it in several parts of England and Wales, but at a few stations in North Britain it failed to reach 50°. The amount of bright sunshine was generally small; at several stations in the west and north there was none. Small quantities of rain were again experienced in most districts. Wireless reports show that as far west as the 20th meridian ships experienced moderate to fresh breezes from S. or S.W., and fair, but cloudy, weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

0 {a, b}, 1, 2 {a, b}: S.by and S.E.by winds, light or moderate; cloudy, changeable, some rain; normal temperature.

3, 4 {a, b}, 5: Light breezes, chiefly S.W.by; mild, changeable, some showers.

FORECAST DISTRICTS.

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.

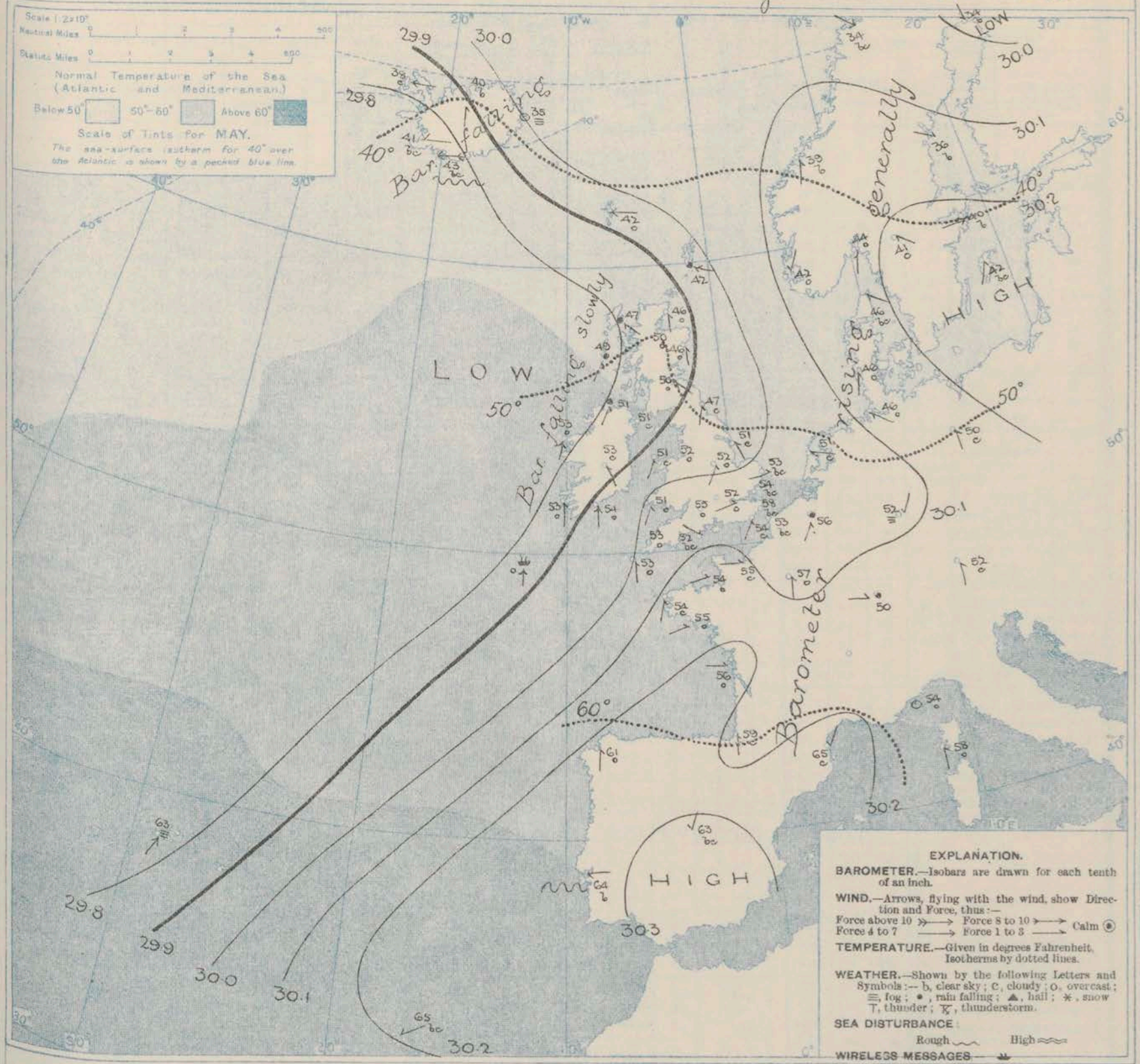
6 {a, b}, 7 {a, b}, 8 {a, b}, 9 {a, b}, 10 {a, b}: S.by and S.W.by winds, light or moderate; changeable, some showers, misty on coast; normal temperature.

11 WESTERN CHANNEL AND BAY.

Moderate to fresh S.by and S.W.by winds, and a moderate sea; cloudy, misty, some showers; normal temperature.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Monday, 6th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Barometrical pressure is highest over Central Spain, and is high over the Baltic and the south of Sweden. A large depression extends from Southern Ireland to our own extreme northwest coasts, and small secondary disturbances are lying over the Netherlands and the neighbouring parts of France and Germany.

Light breezes from the S.wd are prevalent over the United Kingdom, but further north the wind is E.ly, with a whole gale at Vestmanna, Iceland. Light variable airs are reported in France and Germany, and W.ly to N.W.ly breezes in Sweden.

Temperature has risen in most places. Over a considerable portion of the United Kingdom the thermometer is now slightly above 50°, and at Bath it is as high as 55°. The Continental values range from 65° at Perpignan, 63° at Madrid, and 61° at Corunna to 40° and less over Northern Scandinavia, and to 34° at Haparanda. The sky is cloudy over Western Europe generally, with rain on our extreme north and northwest coasts, as well as at Brussels and Belfort. At most of the Scandinavian stations, and in Iceland the weather is fine. The sea is moderate off the northeast of England and the south of Ireland, slight or smooth elsewhere.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The large depression over the Atlantic will probably move slowly northward, but secondary disturbances will be developed over various parts of the United Kingdom, so that the weather is likely to remain in a changeable, showery condition generally. Temperature will differ but little from the normal.

DAILY WEATHER REPORT. Monday, 6th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb	Temperature. Sea.	Sea Disturbance.
	°	°	In.					°	°	In.				°	°	°	
6 May 4 a.m.	49	10	29.89	S	4-5	Lapland	6 May 7 a.m.	49	12	29.87	S	4-5	o	-	-	-	-
5 - 3 p.m.	51	10	29.77	W	1-3	Carmania	5 - 6 p.m.	51	12	29.79	SW	1-3	o	-	-	-	-
- - -	48	18	29.81	SSW	6-7	Menominee	- - -	48	19	29.74	SSW	6-7	o	-	-	-	-
- - -	54	14	29.67	SSW	4-5	California	- - -	54	16	29.62	SSW	4-5	o	-	-	-	-
- - 10 a.m.	48	15	29.90	SW	4-5	Kroonland	- - 1 p.m.	48	14	29.91	SW	4-5	c	-	-	-	-
- - 11 a.m.	48	18	29.81	SSW	4-5		- - 7 a.m.	48	17	29.85	SW	4-5	bc	-	-	-	-
- - -	49	19	29.72	WSW	4-5	Montreal	- - -	49	20	29.70	WSW	4-5	o	-	-	-	-
- - -	54	10	29.99	SE	1-3	California	- - -	54	11	?29.69	SSE	4-5	m	-	-	-	-
- - -	54	15	29.75	SSE	4-5	Empress of Ireland	- - -	54	17	29.67	SSE	4-5	m	-	-	-	-
- - -	48	25	29.59	SW	4-5	Montcalm	- - -	48	26	29.59	SW	4-5	o	-	-	-	-
- - -	49	15	29.81	SW	4-5	Menominee	- - -	49	16	29.84	SW	4-5	o	-	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.		°	°		Hr.	In.
Oban, to 6 p.m.	52	44		0.0	-	† Brighton, to 6 p.m.	59	49	o.c.bc.c.o	4.5	-
Dublin (City), to 4 p.m....	58	49	cp.o.c.o	*	0.01	Seaford, to 6 p.m.	65	47	c.bc.c	4.1	-
Blackpool, to 9 p.m. ...	56	43	o.c.r	0.6	0.04	† Eastbourne, to 6 p.m. ...	56	50	m.bc.bo	3.1	-
Southport, to 9 p.m. ...	56	46	bc.or.v			Bexhill-on-Sea, to 9 p.m...	56	49	b.c.o	2.5	*
†Rhyl, to 6 p.m....	57	46	o	0.6	0.02	† Hastings	*	*	*	2.3	-
Colwyn Bay, to 6 p.m. ...	60	51	bc.o	1.6	-	Folkestone, to 6 p.m. ...	56	48		5.3	0.06
Llandudno, to 9 p.m. ...	60	46	op.o.or.o	1.6	0.11	† Deal, to 6 p.m....	57	48	op.bc.b.c	4.2	
Bettws-y-Coed, to 6 p.m...					*	† Ramsgate, to 6 p.m. ...	*	*	*	4.1	0.10
Aberystwyth, to 6 p.m. ...	56	49	od op	0.0	0.04	† Margate, to 6 p.m.	58	46	b	3.0	
Plymouth, to 9 p.m. ...						Felixstowe, to 6 p.m. ...			*		0.02
Paignton, to 6 p.m.... ...						† Lowestoft, to 6 p.m. ...	50	45	or.c.b	4.3	0.03
Torquay, to 6 p.m.	59	51	p.o	0.3	0.02	† Skegness, to 6 p.m.... ...	53	42	p.c	2.1	
Teignmouth, to 9 p.m. ...	58	51	p.m.c.d.o	0.5	0.01	Scarborough, to 9 p.m. ...	48	44		0.0	0.06
†Weymouth, to 6 p.m. ...	58	51	o.r.o	0.3	0.03	Harrogate, to 6 p.m. ...	49	40	or.o	0.0	0.03
†Bournemouth, to 6 p.m....	59	49	o.c.m	1.2	-	Buxton, to 9 p.m.	51	42	cp.c	0.0	
Southsea, to 6 p.m.... ...	59	43	o.c.bo.c	0.9	-	Darwen, to 9 p.m.					0.03
†Worthing, to 6 p.m. ...	58	48	b.c	5.1	-	Manchester, to 9 p.m. ...	55	44	op.c.bc.op	1.0	0.06
Cornoustie, to 6 p.m. ...	48	44	o.r	1.7	-	Birmingham, to 9 p.m. ...	54	42	o.r.o	0.0	

† At this Station the amount of Bright Sunshine is for the whole day.

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather	Rainfall.	Sunshine Yesterday.
			24 Hours ended at 9 a.m. To-Day.				
	%	%	°	°		In.	Hr.
Greenwich (Royal Obsy.) ...	68	75	61	46	b.c.o	-	4.5
City (Bunhill Row)	*	*	*	*	*	*	2.6
Westminster (St. James's Pk.)	75	86	59	48	bc.o	-	2.7
Camden Sq. (Brit. Rainfall)	-	89	62	46	o.bc.o	-	4.0
Hampstead (Reservoir) ...	*	93	58	47	c.om.oe	-	3.4
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	59	47	or.oy.c.o	0.01	1.8
" " (Roof of M.O.)	-	85	59	48		*	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

6 & 7 May, 1912.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.16 / 4.14	11.50 / 11.49	7.24 / 7.25
Greenwich	4.26 / 4.24	11.57 / 11.56	7.33 / 8.8
Wick	4.10 / 4.7	12.9 / 12.8	8.10 / 8.10
Valencia...	5.5 / 5.3	12.38 / 12.37	8.11 /

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.	STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°			In	°	°	
Malaga					Rome...				
Marseilles					Vienna				
Malta					Utrecht				
Algiers					Zürich		*	*	
Tunis					Geneva		*	*	
Palermo					Lugano		*	*	

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.

Tuesday, 7th May, 1912.

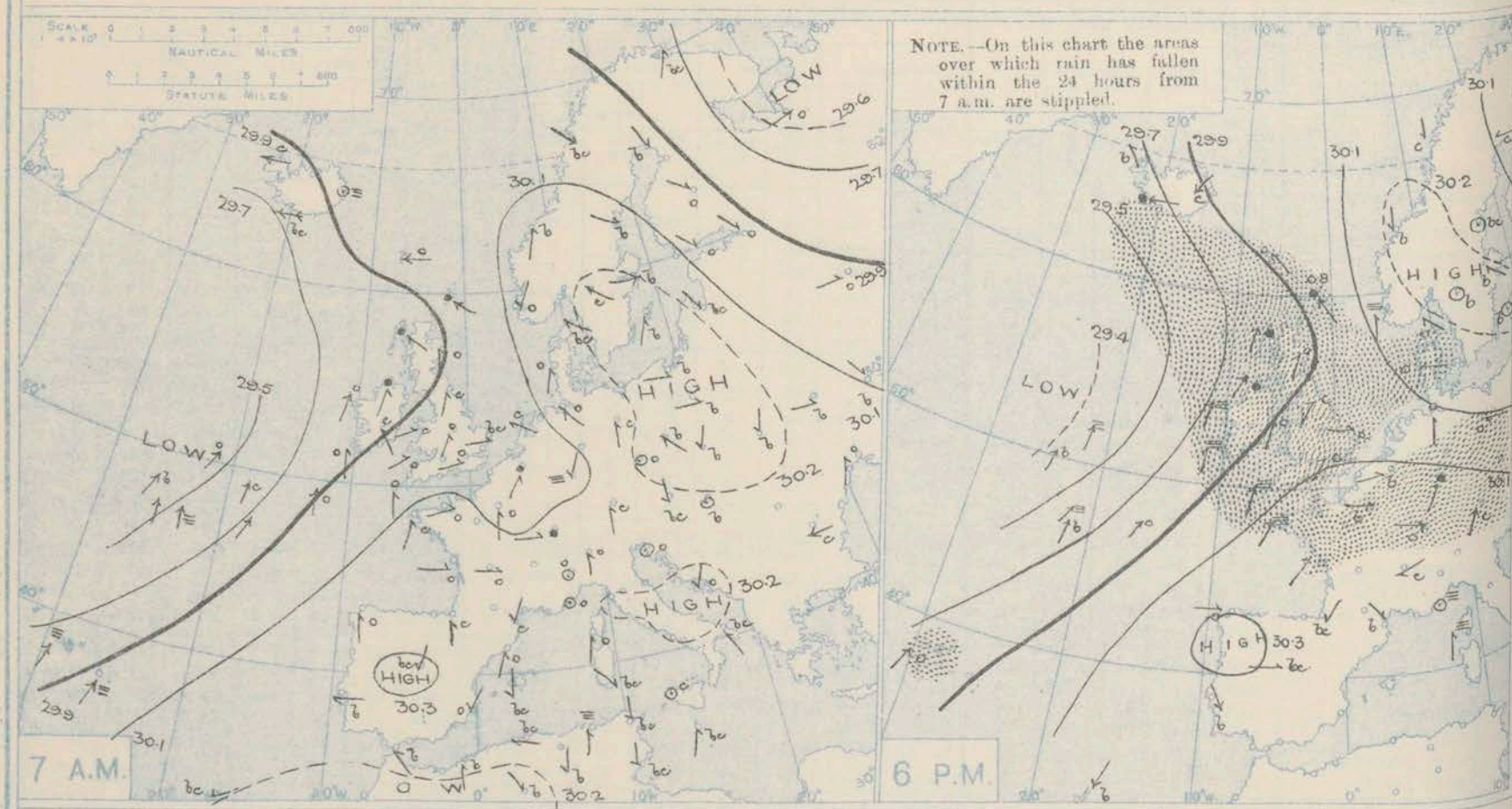
	STATIONS.	Yesterday Evening. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	This Morning 7 a.m., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Temp. Dry Bulb.	Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	Past 24 Hours. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
British Islands.	Lerwick	29.97	43	SE	6	r	29.88	-.03	46	+4	SSE	3	m	4	0.84	46	41	*	rq	or	orm
	Stornoway	29.81	51	SSW	4	or	29.81	+.02	50	+3	S	4	o	4	0.22	53	47	0.0	op	or	op
	Castlebay (Barra Isd.)	29.78	51	SE	3	o	29.83	+.03	50	+1	SSW	2	o	3	0.25	51	49	0.0	dfro	or.o	d.bc.do
	Malin Head	29.76	55	SW	4	rgm	29.85	+.04	53	+2	SW	3	opm	2	0.20	57	50	*	opm	omr	om
	Blacksod Point	29.75	54	SSW	5	m	29.84	+.02	54	+1	SSW	4	m	3	0.11	56	52	*	opm	odm	opm
	Valencia	29.87	57	SSW	3	m	29.83	-.04	54	+1	E	2	dm	3	0.11	57	53	0.2	pm	cm	m.r
	Roche's Point	29.94	55	SW	4	odm	29.92	*	54	0	SE	3	r	4	0.15	57	53	*	opdm	odm	odm
	Birr Castle	29.84	58	SW	3	c	29.92	*	55	+2	SSE	2	o	*	0.18	60	51	0.9	c	cp	or
	Donaghadee	29.90	53	SSW	3	rgm	29.94	+.02	54	+3	S	2	cm	2	0.05	58	50	*	om	ogpm	f.bcm
	Liverpool Obsy.	30.00	57	SW	3	c	30.03	+.02	55	+3	SSW	3	o	2	0.06	63	52	4.4	bc	bcp	o
	Holyhead	29.95	53	SSW	4	om	30.01	+.02	52	+1	SW	4	f	3	0.02	55	50	*	o.cm	r.df	df
	Pembroke (St. Ann's Hd.)	29.98	52	SSW	5	f	30.03	-.02	52	+1	S	4	f	4	–	54	51	0.0	og	ogm	df
	Newquay	30.05	55	SW	4	op	30.04	-.01	55	+2	S	3	r	2	0.30	58	53	0.6	o.c.o	op.o	od.or
	Scilly (St. Mary's)	30.05	55	SSW	4	m	30.03	-.03	55	+2	SSW	5	frq	5	0.21	57	52	0.2	df	df	df
	Jersey (St. Aubin)	30.16	58	SE	2	cmg	30.21	*	55	+1	SSW	3	odgm	3	0.05	62	53	4.3	ogm.c	bcm	ogm
	Portland Bill	30.09	53	S	3	c	30.13	+.01	52	0	SSW	3	rm	3	0.07	56	51	0.2	c	cp	cp.of
	Dungeness	30.10	53	SW	4	c	30.15	+.02	53	-1	SW	4	f	3	trace	58	50	7.3	og	c	c.opcf
	Dover	30.13	53	SW	4	c	30.18	*	52	-6	SW	2	m	3	0.02	60	50	8.3	c.bc.b	cm.bc	c.opm
	Wick	29.85	48	S	2	o	29.84	+.01	49	+3	SSW	2	cm	3	0.02	50	46	*	om	om	omd.c
	Nairn	29.83	57	–	0	o	29.84	*	55	+5	–	0	bc	1	0.05	62	49	0.1	cp	cp.o	b.bc
	Aberdeen	29.87	57	SSW	2	o	29.91	+.01	53	+7	S	2	c	2	0.05	60	46	0.0	dp.om	om	om.c
	Leith	29.91	59	SSW	2	c	29.94	+.04	57	+7	SW	3	c	*	0.03	61	50	*	og	o.c	o.r
	North Shields	29.96	60	SW	3	c	30.00	+.01	56	+9	SSW	1	c	2	0.09	62	45	1.0	–	–	c.r
	Spurn Head	30.00	61	SSW	2	o	30.07	.00	55	+4	SW	3	o	3	0.07	61	48	*	o	o	or
	Yarmouth	30.05	63	W	1	c	30.12	+.02	56	+3	SW	2	c	1	0.03	65	52	4.5	bc.c	c	bc.cp
	Clacton-on-Sea	30.08	62	SW	2	c	30.14	+.02	55	+1	SW	3	o	2	0.01	64	52	4.5	bc.e	c	c.op
	Nottingham	30.01	61	SW	4	o	30.07	*	54	+2	SW	3	o	*	0.02	67	52	2.2	o.c	c.o	o.r
	Bath	30.08	57	SSW	4	o	30.13	*	56	+1	WSW	2	o	*	0.02	62	53	1.4	–	–	–
	Oxford	30.09	56	SSW	3	o	30.14	*	56	+1	SSW	3	o	*	0.01	62	53	*	c	c	or.o
	London (Kew Obsy.)	30.10	60	SW	3	c	30.15	.00	56	+4	SW	3	o	*	trace	63	52	0.8	om.o.c	c	c.o.r
Iceland & Faeroe.	Isafjord	29.68	49	SE	3	b	29.56	-.01	42	+4	–	0	c	*	*	*	*				
	Reykjavik	29.57	48	E	6	r	29.42	-.04	41	0	E	4	b	*	*	*	*				
	Vestmanna	29.60	43	E	10	o	29.45	-.03	45	+2	E	5	o	3	*	*	*				
	Seydisfjord	29.92	46	NE	4	c	29.69	-.05	43	+8	NE	4	c	*	*	*	*				
	Thorshavn	29.90	45	SE	6	o	29.74	?	45	+3	E	4	r	*	*	*	*				
Scandinavia.	Haparanda	30.08	30	NW	2	c	30.21	+.05	33	-1	N	2	b	*	–	39	23				
	Hernösand	30.13	36	–	0	bc	30.27	+.05	39	+3	N	2	b	*	–	46	30				
	Stockholm	30.23	38	SSE	2	b	30.28	+.02	41	+1	N	2	b	*	–	46	32				
	Wisby	30.22	38	–	0	b	30.29	+.03	42	0	–	0	b	*	–	43	32				
	Karlstad	30.24	39	–	0	b	30.30	+.02	41	0	–	0	b	*	–	50	30				
	Færder (Christiania Fjord)	30.20	44	–	0	b	30.26	+.02	44	0	E	1	b	1	–	48	41				
	Bodö	30.19	33	N	2	c	30.27	+.03	34	0	NNW	1	c	1	?	36	28				
	Christiansund	30.21	42	N	1	b	30.21	.00	41	+2	E	2	b	2	–	43	36				
	Skudesnaes	30.14	43	S	2	m	30.13	.00	46	+4	SSE	4	o	2	–	46	41				
	The Scaw (Skagen)	30.19	47	SE	1	o	30.22	+.02	45	-1	SE	3	r	0	0.04	50	41				
	Blaavands Huk	30.12	49	E	2	o	30.12	+.01	47	+1	ESE	2	r	1	0.04	55	41				
Germany, &c.	Cuxhaven	30.09	57	S	1	o	30.13	+.01	52	+6	SW	1	om	*	–	59	45				
	The Helder	30.10	52	SW	1	b	30.15	+.02	52	+1	SSW	3	o	2	–	59	50				
	Brussels	30.17	54	WSW	2	b	30.23	+.01	55	-1	WSW	2	o	*	0.08	68	47				
	Berlin	30.09	62	E	1	o	30.15	+.04	54	+4	W	1	o	*	0.08	68	50				
	Frankfurt	30.12	57	SW	1	r	30.24	+.04	58	+6	SW	2	c	*	0.12	72	52				
	Munich	30.18	55	SW	5	c	30.31	+.02	52	0	SW	4	r	*	0.32	64	50				
France.	C. Gris Nez	30.13	54	SW	4	bc	30.18	+.03	53	0	SW	4	o	3	–	57	50				
	La Hève	30.19	55	SE	2	c	30.23	*	55	0	SW	3	o	1	–	64	50				
	Brest (St. Mathieu)	30.19	55	SW	4	f	30.22	+.02	55	+1	SSW	4	r	3	0.12	59	52				
	Lorient (Bec Melen)	?	57	WSW	3	o	30.22	*	57	+2	SW	3	r	3	–	61	52				
	Rochefort (Ile d' Aix)	30.28	58	SW	3	r	30.36	*	57	+1	WSW	3	o	*	0.04	63	55				
	Biarritz	30.24	67	NE	1	bc	30.32	*	61	+2	ESE	3	bc	1	–	73	57				
	Paris	30.19	64	WNW	2	bc	30.30	+.04	56	-1	SW	1	o	*	trace	68	49				
	Belfort	30.22	56	W	6	o	30.39	*	54	+4	W	2	o	*	0.20	64	34				
	Lyons	30.25	63	ENE	2	c	30.40	*	55		W	1	c	*	–	71	48				
	Nice	30.21	57	–	0	f	30.32	+.04	55	+1	–	0	o	2	–	64	50				
	Perpignan	30.24	72	NW	2	b	30.38	+.03	67	+2	W	1	b	*	–	76	54				
	Sanguinaire	30.23	58	S	1	m	30.28	*	58	0	SSE	2	m	2	–	64	50				
Spain, Portugal, &c.	Corunna (8 a.m.)	30.30	60	W	3	o	30.34	.00	59	-2	SSW	1	f	2	–	72	54				
	Lisbon (9 a.m.)	30.25	69	NNW	4	b	30.25	+.02	68	+4	NE	4	b	6	–	79	61				
	Gibraltar	30.19	64	E	2	b	30.20	*	63	+4	E	5	bc	*	–	*	*				
	Azores (P. Delgada)																				
	Azores (Horta)	29.82	62	SW	4	o	29.86	+.03	68	+5	SSW	4	f	3	0.39	64	59				
	Madeira (Funchal) †	30.16	66	NE	4	b	30.06	.00	68	+3	NE	4	b	5	–	70	52				

Duration and extreme force of gales 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. 6th MAY.



NOTES ON YESTERDAY'S WEATHER.

During the day the thermometer rose to between 60° and 65° in most parts of Great Britain, and to 67° at Greenwich, Camden Square and Nottingham. The amount of bright sunshine was, as a rule, very small. Slight rain was experienced in most districts. Wireless reports show that as far west as the 25th meridian ships experienced fresh to strong or high winds from the Southward or South-Westward, and cloudy, misty weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

0 (a, b), 1, 2 (a, b): S.ly to S.E.ly winds, freshening; fair at first, some rain later; continuing mild.

3, 4 (a, b), 5: S.ly and S.W.ly winds, increasing considerably in strength; dull and rainy to-day, improving to-morrow; continuing mild.

FORECAST DISTRICTS.

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): Same as Nos. 0 to 2.

8 (a, b): S.ly to W.ly winds, increasing considerably in strength; dull and rainy at first, improving temporarily later. Continuing mild.

9 (a, b), 10 (a, b): Freshening S.E.ly to S.W.ly or W.ly winds; dull and rainy at first, improving later. Continuing mild.

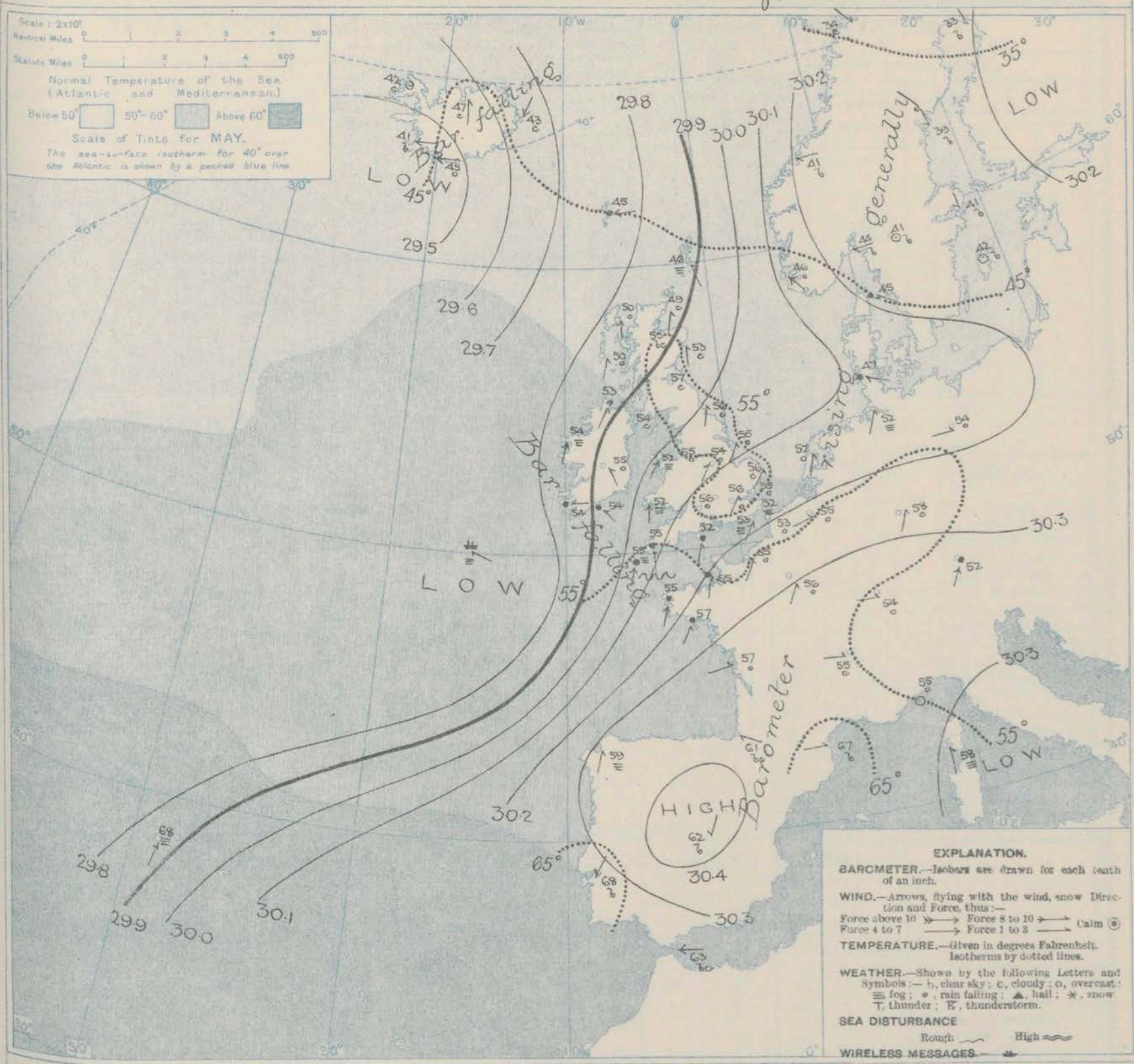
11 WESTERN CHANNEL AND BAY.

Strong S.ly and S.W.ly to W.ly winds, and a rough sea. Squally and rainy at first, improving later; mild.

THE FURTHER OUTLOOK. (All districts).

General conditions remaining unsettled.

SYNOPTIC CHART FOR 7 A.M. Tuesday, 7th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large anticyclone lies over Spain, France and South Germany, and pressure is also high over Scandinavia. A depression lies to the south-westward of Iceland, and another disturbance is approaching our own south-west coasts, where the barometer is falling rather decidedly.

The wind is light to moderate from the S.ward or S.W.ward over Great Britain and the neighbouring portions of the Continent, but is E.ly in the south of Ireland, as well as in Iceland and the Faeröe. Calms or light variable airs prevail in the south of France. Temperature has risen generally. Over a large portion of Great Britain the thermometer is now slightly above 55, but in Caithness and Shetland it is below 50°. The Continental values range from 67° at Perpignan, 62° at Madrid, and 61° at Biarritz to 40° and less over Northern Scandinavia. The weather is fair or fine in the northeast of Great Britain and at most of the Scandinavian stations. Elsewhere the sky is overcast, with rain and fog on our southwest coasts and in Brittany. Rain is also falling in Denmark. The sea is slight or smooth generally, but rather rough off the mouth of the Channel.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression which is approaching our south-west coasts is likely to move N.E.ward, and will occasion a considerable quantity of rain over a large portion of the United Kingdom. Strong to high winds from the S.ward and S.W.ward are probable on all our southern coasts.

DAILY WEATHER REPORT. Tuesday, 7th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS.

Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.
	°	°	In.		
7th May 4 a.m.	49	17	29.74	ESE	1-3
6th " 3 p.m.	48	22	29.64	SW	4-5
" " "	48	13	29.83	SW	6-7
" " "	49	21	29.52	SSW	6-7
" " "	53	20	29.34	SSW	4-5
" " "	50	22	29.44	SSW	6-7
" " 4 a.m.	50	20	29.49	SW	6-7
" " "	48	16	29.72	SW	4-5
" " "	47	22	29.64	SSW	6-7
" " "	48	25	29.54	SW	6-7
" " "	47	26	29.49	S	4-5
" " "	50	16	29.56	SSW	6-7

OBSERVATIONS PLOTTED ON THE CHARTS.

Name of Ship.	Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Discoloration
		°	°	In.				°	°	°	
Laconia	7th May, 7 a.m.	50	15	29.75	ESE	1-3	m	-	-	-	-
	6th " 6 p.m.	48	21	29.63	SW	4-5	m	-	-	-	-
Lapland	" " "	48	16	29.83	SW	6-7	o	-	-	-	-
Carmania	" " "	48	21	29.52	SSW	6-7	b	-	-	-	-
California	" " "	52	21	29.30	SSW	6-7	f	-	-	-	-
Corinthian	" " "	50	23	29.48	SSW	6-7	b	-	-	-	-
	" " 7 a.m.	50	21	29.47	SW	6-7	o	-	-	-	-
Minnewaska	" " "	48	17	29.73	SW	4-5	?	-	-	-	-
Menominee	" " "	47	23	29.66	SSW	6-7	m	-	-	-	-
Montreal	" " "	48	25	29.43	SW	6-7	b	-	-	-	-
Laconia	" " "	47	25	29.50	S	4-5	?	-	-	-	-
California	" " "	49	17	29.52	SSW	6-7	c	-	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

Stations.	Temperature F. Max	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Stonehaven, to 6 p.m.	*	*	*	0.0	0.15
Oban, to 6 p.m.	57	48	m.d.o.c.	0.0	0.21
Dublin (City), to 4 p.m....	61	51	or.c.o	*	0.06
Blackpool, to 9 p.m. ...	58	50	r.o.bc.c.od	3.3	0.17
Southport, to 6 p.m. ...	61	50	o.bc.c.b	6.0	0.15
†Rhyl, to 6 p.m....	60	48	b.o	4.0	0.08
†Colwyn Bay, to 6 p.m. ...	62	50	o.bc.b.c	6.0	0.03
Llandudno, to 9 p.m. ...	60	51	o.op.bc	4.0	0.06
Bettws-y-Coed, to 6 p.m...					*
Aberystwyth, to 6 p.m. ...	57	50	od.opu	0.1	0.04
Plymouth, to 9 p.m. ...	60	57	op.bc.oj.op	0.1	0.13
Paignton, to 6 p.m.... ...	59	46	o.od	0.2	0.01
Torquay, to 6 p.m.	58	49	o.od	0.1	0.02
Teignmouth, to 6 p.m. ...	61	48	c.bc.p	0.5	0.02
†Weymouth, to 6 p.m. ...	60	51	r.o3.bc.or	0.2	-
†Bournemouth, to 6 p.m....	60	52	u.o.c	0.4	-
Southsea, to 6 p.m.... ...	62	49	o.c.bc.b	1.8	0.01
†Worthing, to 6 p.m. ...	59	47	c.bc.c	3.0	-
Carnoustie, to 6 p.m.	61	45	r.o	0.9	0.22

† At this Station the amount of Bright Sunshine is for the whole day.

Stations.	Temperature F. Max	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
† Brighton, to 6 p.m.	57	48	o.c.bc.co	2.5	-
† Seaford, to 6 p.m.	58	45	f.m.o.bc	3.0	-
† Eastbourne, to 6 p.m. ...	58	47	o.bc.f	5.5	-
Bexhill-on-Sea, to 9 p.m...	58	48	bc.o.bc	5.0	*
† Hastings	*	*	*	5.2	-
† Folkestone, to 6 p.m. ...	57	49	o.bc.o.bc	7.6	-
† Deal, to 6 p.m....	64	46	c.bc.b.bc	10.0	-
† Ramsgate, to 6 p.m. ...	*	*	*	9.0	-
Margate, to 6 p.m.	63	47		5.2	-
† Felixstowe, to 6 p.m. ...	63	47	m.abcm	5.8	-
† Lowestoft, to 6 p.m. ...	65	48	c.o.cbc	4.0	-
† Skegness, to 6 p.m.... ...	64	47	o.c	2.6	0.11
Scarborough, to 9 p.m. ...	64	45	o.bc	2.8	0.29
† Harrogate, to 6 p.m. ...	61	43	org.c.bc.o	1.4	0.13
Buxton, to 9 p.m.	61	50	bc.r.c.bc	3.0	0.19
Darwen, to 9 p.m.	59	48	oru.bc.ou	1.1	
Manchester, to 9 p.m. ...					-
Birmingham, to 9 p.m. ...	64	49	c	4.3	0.15
Douglas, to 6 p.m.	56	47	-	0.7	

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
			24 Hours ended at 9 a.m. To-day.				
	%	%	°	°		In.	Hr.
Greenwich (Royal Obsy.) ...	59	88	67	52	c.o.p	0.01	3.0
City (Bunhill Row)	*	*	*	*	*	*	1.6
Westminster (St. James's Pk.)	60	87	64	54	bc.o	-	1.7
Camden Sq. (Brit. Rainfall)	61	88	67	53	c.o	-	2.4
Hampstead (Reservoir) ...	*	92	63	47	c.o	-	2.5
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	65	49	o.c	trace	0.7
" " (Roof of M Of)	58	81	64	51		*	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

7 & 8 May, 1912.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.14	11.49	7.25
	4.12	11.49	7.29
Greenwich	4.24	11.56	7.30
	4.22	11.56	8.10
Wick	4.7	12.8	8.12
	4.4	12.8	8.11
Valencia...	5.3	12.37	8.12
	5.1	12.37	

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

Stations.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga	-	72	61	bc.b
Marseilles	-	70	52	o.b
Malta	-	66	56	bc.-
Algiers	-	70	57	b.b
Tunis	-	79	50	b.bc
Palermo	-	67	49	b.c

Stations.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In	°	°	
Rome...	-	68	52	c.c
Vienna	-	57	46	o.bc
Utrecht	0.08	61	45	b.r
Zürich	0.24	*	*	b.c
Geneva	0.16	*	*	bc.o
Lugano	0.16	*	*	o.o

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.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday, 8th May, 1912.

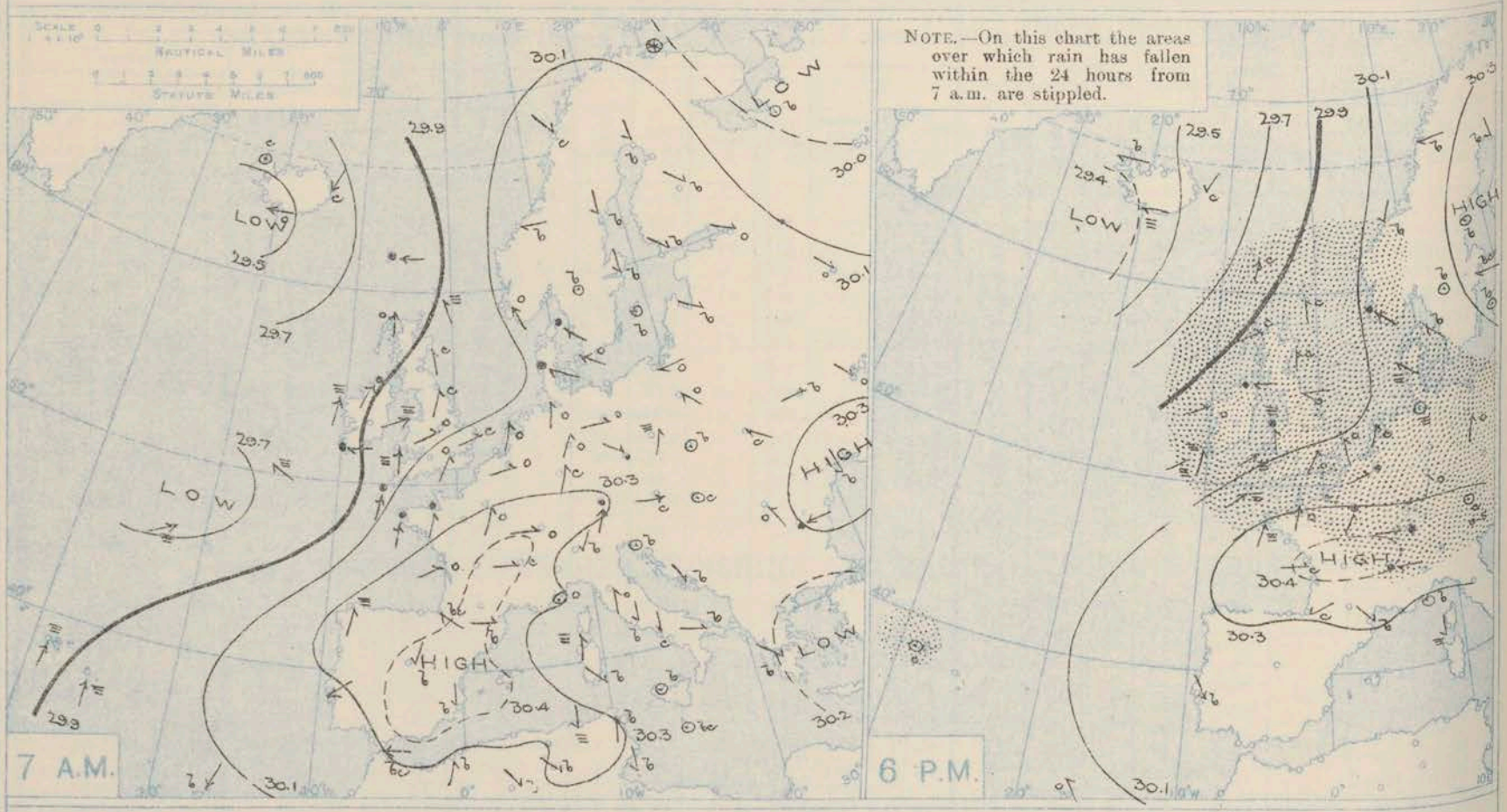
	STATIONS.	YESTERDAY EVENING. Baron. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 a.m., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Weather. After'n 1 p.m. to 6 p.m.	Weather. Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	29.94	48	S	2	c	30.07	+.05	50	+4	SW	2	c	1	0.06	50	45	*	ofm	cpm	bem
	Stornoway	29.92	56	SW	3	c	30.10	+.04	51	+1	S	3	c	3	0.01	59	49	3.5	o.c	c	obg.c
	Castlebay (Barra Isd.)	29.96	52	—	0	om	30.12	+.05	50	0	SE	2	of	2	0.02	53	49	0.2	om	odpm	odp.of
	Malin Head	29.95	53	ESE	1	om	30.11	+.04	54	+1	SSW	3	c	2	0.07	61	51	*	ogm	opm	bef.p
	Blacksod Point	29.93	57	WSW	3	o	30.08	+.01	54	0	SSW	3	m	3	0.07	59	52	*	om.c	o	o
	Valencia	30.03	56	SSW	2	m	30.18	+.02	55	+1	S	2	om	3	0.10	58	54	0.0	om	om	omr
	Roche's Point	30.07	58	SW	3	o	30.25	*	54	0	SW	3	f	4	0.05	59	53	*	odm	m.o	om.fe
	Birr Castle	29.96	63	SW	2	c	30.16	*	57	+2	SSE	2	o	*	0.07	65	53	1.9	c.or	op.c	op
	Donaghadee	29.99	52	SE	2	md.	30.19	+.04	54	0	WNW	1	om	0	trace	60	50	*	cm	f.odg	f.odg.o
	Liverpool Obsy.	30.01	57	SSW	3	r	30.25	+.05	55	0	WSW	3	o	1	0.06	62	53	0.3	o	op	o
	Holyhead	29.97	53	S	4	fdp	30.22	+.03	52	0	SE	2	f	1	0.01	53	49	*	fdp	cm	f
	Pembroke (St. Ann's Hd.)	30.08	53	SW	6	f	30.28	+.05	52	0	SW	2	f	3	0.72	*	51	0.0	f	rf	rf
	Newquay	30.17	56	SW	3	o	30.33	+.05	55	0	SW	3	o	3	0.16	58	54	0.0	or.o	o	od.o
	Scilly (St. Mary's)	30.15	55	SW	4	f	30.30	+.03	54	−1	SW	3	f	5	0.02	57	52	0.0	om	fe	fe
	Jersey (St. Aubin)	30.30	58	SSW	4	ogm	30.42	*	55	0	WSW	3	ogm	3	0.23	60	55	0.0	omc	ogpm	ogm.c
	Portland Bill	30.17	53	SW	5	f	30.34	+.04	53	+1	WSW	4	o	4	0.41	54	50	0.0	of	df	df.o
	Dungeness	30.14	54	SW	4	r	30.27	+.03	54	+1	WSW	4	om	4	0.23	54	51	0.0	ofr	om	fe.o
	Dover	30.16	54	SW	3	r	30.28	*	60	+8	W	3	o	3	0.09	60	51	0.0	o	od.r	od.oc
	Wick	29.94	53	—	0	c	30.16	+.06	51	+2	S	1	cm	2	0.09	58	48	*	c.bc	cpm	om.cdm
	Nairn	29.93	60	W	1	c	30.11	*	55	0	W	1	b	1	0.14	67	48	5.8	c	d.c	c.r.c.b
	Aberdeen	29.95	62	S	1	c	30.15	+.05	59	+6	—	0	b	2	0.18	67	52	7.3	c.bc	bc.thu	tg.or.b
	Leith	29.97	64	SW	2	c	30.17	+.05	56	−1	WSW	1	o	*	0.01	65	53	*	bc.op	c	c
	North Shields	30.02	56	E	1	o	30.19	+.05	58	+2	W	2	b	2	0.10	66	50	4.3	—	—	—
	Spurn Head	30.06	55	SSE	3	o	30.18	+.04	56	+1	WNW	5	c	4	—	61	51	*	o.c	c.o	o
	Yarmouth	30.12	59	S	1	o	30.21	+.06	59	+3	W	2	bc	1	0.02	64	54	0.8	c.o	o.c.o	sp.c.b
	Clacton-on-Sea	30.13	55	SSW	2	o	30.25	+.06	61	+6	W	3	bc	2	—	61	55	0.4	o	og	og.c.bc
	Nottingham	30.04	61	SW	3	o	30.23	*	58	+4	W	4	cm	*	trace	64	54	0.3	o.cp	op	o.c
	Bath	30.14	60	W	1	dp	30.33	*	57	+1	W	3	o	*	0.06	61	56	0.0	—	—	—
	Oxford	30.15	58	SW	6	o	30.32	*	59	+3	W	2	o	*	0.04	61	56	*	or	or.d	o.c
	London (Kew Obsy.)	30.13	60	SW	2	om	30.30	+.04	60	+4	W	3	o	*	0.06	62	56	0.0	or.p.o	op.o	omoeo
ICELAND & FAEROE.	Isafjord	29.47	49	E	3	b	29.60	+.02	44	+2	—	0	c	*	*	*	*				
	Reykjavik	29.38	54	E	3	o	29.62	+.12	44	+3	SW	1	o	*	*	*	*				
	Vestmanna	29.45	46	E	3	f	29.70	+.07	43	−2	—	0	o	1	*	*	*				
	Seydisfjord	29.55	50	NE	2	c	29.57	+.05	50	+7	S	2	bc	*	*	*	*				
	Thorshavn	29.74	51	SSW	4	c	29.94	+.05	49	+4	SSW	5	c	*	*	*	*				
SCANDINAVIA.	Haparanda	30.34	31	N	2	b	30.43	+.01	32	−1	E	2	b	*	—	41	23				
	Hernösand	30.36	35	—	0	b	30.42	+.01	39	0	S	2	b	*	—	43	25				
	Stockholm	30.35	37	ESE	2	bc	30.43	+.02	42	+1	ENE	2	b	*	—	50	32				
	Wisby	30.32	39	—	0	b	30.41	+.04	46	+4	SE	2	b	*	—	46	32				
	Karlstad	30.28	44	—	0	b	30.38	+.04	40	−1	ESE	2	c	*	—	57	32				
	Færder (X'iania Fjord)	30.26	45	SW	2	b	30.34	+.01	45	+1	S	2	o	1	—	50	43				
	Bodö	30.25	36	E	2	b	30.16	−.04	38	+4	E	6	b	2	—	39	30				
	Christiansund	30.13	49	NE	1	b	30.10	−.01	46	+5	ESE	1	o	1	0.04	50	41				
	Skudesnaes	30.12	47	SSE	4	r	30.23	+.03	46	0	SE	2	o	2	0.16	48	45				
	The Scaw (Skagen)	30.26	46	SSE	2	b	30.34	+.02	47	+2	SE	3	c	1	?	50	43				
	Blaavands Huk	30.17	49	SSE	2	m	30.25	+.04	49	+2	SE	4	o	2	0.04	55	45				
GERMANY, &c.	Cuxhaven	30.18	53	—	0	m	30.20	+.02	53	+1	E	1	m	*	0.04	61	52				
	The Helder	30.17	52	SSW	3	o	30.18	+.03	53	+1	SSW	1	o	1	0.24	55	50				
	Brussels	30.21	57	WSW	3	r	30.28	+.03	56	+1	W	1	o	*	0.12	60	54				
	Berlin	30.18	57	SW	1	o	30.19	+.01	53	−1	E	1	o	*	0.12	64	52				
	Frankfurt	30.22	61	SW	3	o	30.16	+.01	58	0	SW	1	f	*	0.28	68	57				
	Munich	30.33	51	—	0	c	30.25	−.02	51	−1	W	2	r	*	0.51	59	50				
FRANCE.	C. Gris Nez	30.18	53	SW	5	r	30.28	+.02	53	0	SW	4	m	3	0.43	55	52				
	La Hève	30.24	55	W	4	o	30.39	*	54	−1	WSW	4	o	4	0.35	61	50				
	Brest (St. Mathieu)	30.35	55	SW	3	f	30.43	+.03	52	−3	SW	2	m	3	0.08	57	50				
	Lorient (Bec Melen)	?	57	W	4	o	?	*	54	−3	—	0	m	2	—	61	50				
	Rochefort (Ile d' Aix)	30.42	61	WNW	2	c	30.47	*	55	−2	NNE	3	m	*	—	72	52				
	Biarritz	30.30	68	ENE	3	c	30.35	*	66	+5	—	0	b	1	—	82	59				
	Paris	30.31	59	WSW	2	r	30.38	+.01	60	+4	WSW	2	o	*	0.35	64	55				
	Belfort	30.39	57	W	3	r	30.41	*	55	+1	WSW	4	r	*	0.47	67	54				
	Lyons	30.40	65	E	1	r	30.46	*	60	+5	NNW	1	o	*	0.04	74	48				
	Nice	30.29	57	—	0	b	30.29	+.02	55	0	—	0	o	2	—	66	54				
	Perpignan	30.32	71	NW	2	b	30.39	+.01	73	+6	NW	1	b	*	—	82	60				
	Sanguinaire	30.22	58	N	3	m	30.17	*	59	+1	S	3	m	3	—	66	50				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)																				
	Lisbon (9 a.m.)	30.23	77	NNW	4	b	30.28	+.02	71	+3	NE	4	b	6	—	88	64				
	Gibraltar	30.28	64	E	4	b	30.30	*	65	+2	E	3	b	4	—	*	*				
	Azores (P. Delgada)																				
	Azores (Horta)	29.95	60	—	0	o	30.05	+.04	57	−11	—	0	o	2	0.12	66	55				
	Madeira (Funchal)	30.02	69	SE	1	o	30.07	+.01	67	−1	SE	1	o	2	—	77	54				

DURATION AND EXTREME FORCE OF GALES 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. 7TH MAY.



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to between 60° and 65° in many parts of Great Britain, and to 67° at Nairn, Aberdeen and Carnoustie; at some of the Channel stations it did not reach 55°. The amount of bright sunshine was generally small, but between 6 and 7 hours were recorded in the east of Scotland. Rain fell generally,—rather heavily on our south coasts. Thunder and lightning occurred at Aberdeen.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

0 {a, b} S.ly and S.W.ly winds, light or moderate; cloudy, misty, slight rain in places.

1, 2 {a, b} Variable or light S.W.ly airs; fine; warm.

3, 4 {a, b}, 5 W.ly and S.W.ly winds, light or moderate; fair generally, but cloudy and misty in places; temperature above the normal.

FORECAST DISTRICTS.

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} Same as No. 0. Light breezes, chiefly S.W.ly; cloudy, with mist or fog on coast; mild.

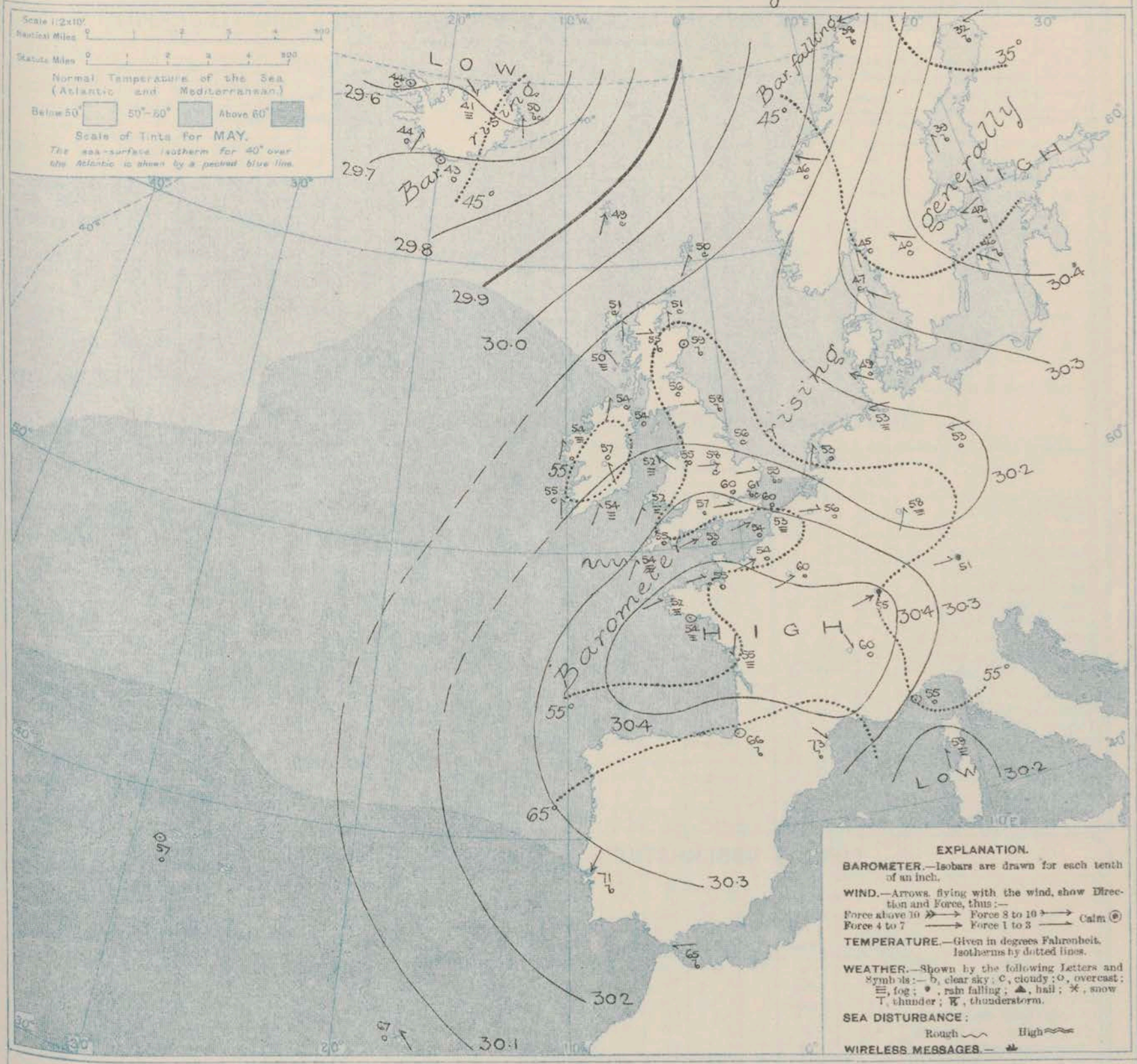
9 {a, b}, 10 {a, b} S.ly and S.W.ly winds, light or moderate; cloudy, slight rain locally; mist or fog on coast; mild.

THE FURTHER OUTLOOK.

11 WESTERN CHANNEL AND BAY.

Moderate S.W.ly winds mouth Channel and upper part Bay, with foggy weather and moderate sea. Variable breezes further south, with fair weather and slight sea.

SYNOPTIC CHART FOR 7 A.M. Wednesday, 8th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression which was approaching our western coasts yesterday has moved northwards, and the barometer is now rising over Western Europe generally. A well marked anticyclone lies over France, and another system over the Gulf of Bothnia and the upper part of the Baltic. The lowest pressures are found in an area which is passing away to the northward of Iceland.

The wind is light from the S.ᵗʰ and S.W.ᵗʰ on our western and northern coasts, and from the W.ᵗʰ in the south and east, and in neighbouring parts of the Continent. Over Scandinavia, Denmark and North Germany it is E.ᵗʰ or S.E.ᵗʰ Temperature has again risen in most places. Over the United Kingdom the thermometer is high for the time of year, the morning readings being well above 55° in most parts of Great Britain and in Central Ireland, and as high as 60° in London and Dover, and 61° at Clacton-on-Sea. The Continental values range from 73° at Perpignan, and 66° at Biarritz to 40° and less over Northern Scandinavia. The weather is fine on the east coasts of Great Britain and also in Sweden, but cloudy or dull in most other localities. Fog and mist still prevail round our western and southern coasts, and rain is falling at Belfort and Munich. The sea is moderate or slight generally, but rather rough off the mouth of the Channel.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The southern anticyclone will probably spread northwards and occasion a general improvement in the weather over England. On our extreme western and northern coasts the conditions will still be affected to a certain extent by depressions moving over the upper portions of the Atlantic.

DAILY WEATHER REPORT. Wednesday, 8th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance
	°	°	In.					°	°	In.				°	°	°	
7th May 3 p.m.	50	12	29.95	SSW	4-5	Laconia	7th May 6 p.m.	51	11	?	SW	1-3	m	-	-	-	-
" " 4 a.m.	47	20	29.74	WSW	4-5	Lapland.	" " 7 a.m.	47	21	29.69	WSW	4-5	m	-	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Stonehaven, to 6 p.m.	*	*	*	9.3	-
Oban, to 6 p.m.	58	49	bc.c.o	1.2	0.16
Dublin (City), to 4 p.m....	61	56	c.or.og	*	0.05
Blackpool, to 9 p.m. ...	62	51	o.or.o	0.0	0.11
Southport, to 6 p.m. ...	62	51	o.bc.d.c	0.1	0.09
Rhyl, to 6 p.m....	61	54	bc.r.o	0.0	0.07
†Colwyn Bay, to 6 p.m. ...	62	53	p.bc.p.c	0.0	0.02
Llandudno, to 9 p.m. ...	61	53	bc.or.cp.c	0.0	0.04
Bettws-y-Coed, to 6 p.m...					*
Aberystwyth, to 6 p.m. ...	58	53	or.o.ou	0.0	0.16
Plymouth, to 9 p.m. ...	57	53	od.of.or.df	0.0	0.65
Paignton, to 6 p.m.... ...	59	53	o.d	0.0	0.40
Torquay, to 6 p.m.	58	53	zd.o	0.0	0.38
Teignmouth, to 9 p.m. ...	62	53	or.cp.c	0.2	0.22
†Weymouth, to 6 p.m. ...	56	52	me.om	0.0	0.59
†Bournemouth, to 6 p.m....	57	52	r.o.m	0.0	0.46
Southsea, to 6 p.m.... ...	56	52	or.o.or.o	0.0	0.42
†Worthing, to 6 p.m. ...	55	51	o.r.o	0.0	0.28
Cornoustie, to 6 p.m.	67	48	b.c	6.6	0.06

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°			Hr.	In.
†Brighton, to 6 p.m.	55	52	omr.o	0.0	0.27
†Seaford, to 6 p.m.	55	51	r.f	0.0	0.33
†Eastbourne, to 6 p.m. ...	55	51	or.od.ogm	0.3	0.35
Bexhill-on-Sea, to 9 p.m...	55	52	o.r.me	0.0	0.33
†Hastings	*	*	*	0.0	*
†Folkestone, to 6 p.m. ...	54	50	r.o.r.m	0.0	0.23
†Deal, to 6 p.m....	58	51	o.cp.o	0.0	0.11
†Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.08
†Margate, to 6 p.m.	61	52	r.o	0.0	0.06
†Felixstowe, to 6 p.m. ...	59	54	cm.op	0.5	0.06
†Lowestoft, to 6 p.m. ...	61	50	op.o.c.o	0.7	0.01
†Skegness, to 6 p.m.... ...	65	49	bc.o	2.1	0.08
Scarborough, to 9 p.m. ...	67	52	o.c.b	2.6	-
†Harrogate, to 6 p.m. ...	65	49	op.o.c.bc	0.8	0.02
Buxton, to 9 p.m.	59	51	bc.c.r.o	0.2	0.09
Darwen, to 9 p.m.	59	50	or.bc.or	0.4	0.16
Manchester, to 9 p.m. ...	62	52	op.c.od.o	0.1	0.18
Birmingham, to 9 p.m. ...	59	51	o.r.o	0.0	0.06
Douglas, to 6 p.m	53	49	o.f.r.d	0.0	0.14

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
			24 Hours ended at 9 a.m. To-day.				
	%	%	°			In.	Hr.
Greenwich (Royal Obsy.) ...	94	87	65	57	or.o	0.06	0.0
City (Bunhill Row)	*	*	*	*	*	*	0.0
Westminster (St. James's Pk.	63	82	62	57	r.bc	0.05	0.0
Camden Sq. (Brit. Rainfall)	91	81	65	57	op.o	0.06	0.0
Hampstead (Reservoir) ...	*	88	60	54	or.o	0.06	0.0
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	62	53	o.or op.o	0.05	0.0
" " (Roof of M.O.)	90	81	64	53		*	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

8 & 9 May, 1912.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4.12	11.49	7.26
	4.10	11.49	7.28
Greenwich	4.22	11.56	7.30
	4.21	11.56	7.31
Wick	4.4	12.8	8.12
	4.2	12.8	8.14
Valencia...	5.1	12.37	8.12
	5.0	12.37	8.14

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga	-	73	61	b. o
Marseilles	-	73	52	b. b
Malta	-	66	57	bc.
Algiers	-	70	59	b. m
Tunis	-	73	50	b. b
Palermo	-	68	50	b. b

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In	°	°	
Rome...	-	69	55	o. b
Vienna	-	63	46	m. c
Utrecht	0.16	68	46	b. o
Zürich	-	*	*	o. c
Geneva	-	*	*	b. c
Lugano	-	*	*	b. b

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.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday, 9th May, 1912.

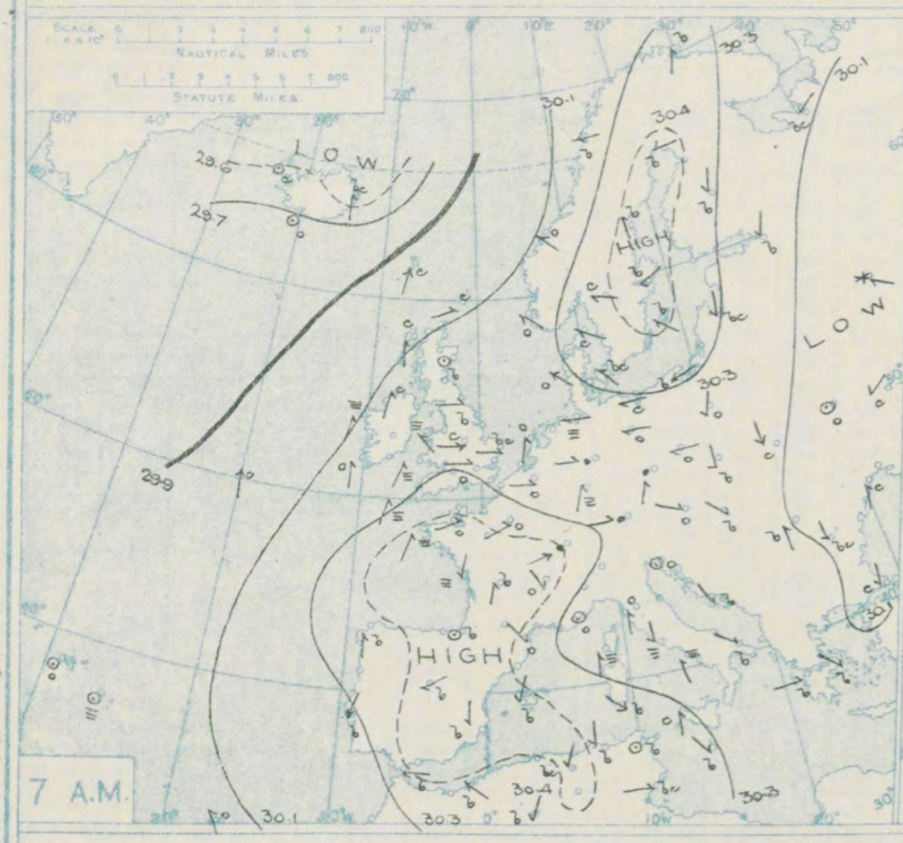
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Temp. Dry Bulb.	Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	30.11	49	SSE	2	m	29.87	·00	49	-1	WSW	5	m	3	0.22	55	47	*	bc	om	omr
	Stornoway	29.95	51	S	5	er	30.07	+.06	51	0	SW	4	bc	4	0.19	58	48	1.6	cdp	dp.or	o.bcqp
	Castlebay (Barra Isd.)	30.02	52	SW	5	opm	30.15	+.06	50	0	WNW	4	bc	3	0.13	53	49	0.1	adf.of	ofr.pm	opm.bc
	Malin Head... ..	30.08	55	WSW	6	cpq	30.21	+.05	51	-3	W	2	om	2	0.05	61	50	*	cm	cm	qp
	Blacksod Point ...	30.11	57	SW	4	o	30.24	+.03	53	-1	SW	3	m	3	0.08	57	51	*	odm	om	odm
	Valencia	30.25	56	S	3	m	30.31	+.03	54	-1	SSW	1	o	3	0.02	58	53	0.0	dm	m	om
	Roche's Point ...	30.30	56	SSW	3	o	30.32	*	54	0	ENE	1	o	2	0.02	58	53	*	f.om	m.o	om.f
	Birr Castle	30.19	62	SSW	4	o	30.28	*	54	-3	SW	1	o	*	0.14	65	53	0.0	cp	op	op
	Donaghadee ...	30.17	57	SSW	3	ozq	30.25	+.02	56	+2	SE	2	bc	1	trace	63	52	*	ogmpt	bcm.l	bc
	Liverpool Obsy. ...	30.29	61	WSW	2	o	30.28	·00	55	0	WSW	3	o	1	trace	64	54	0.4	o	bc.o	o
	Holyhead	30.28	52	SW	4	f.	30.28	·00	52	0	SW	1	c	1	0.04	54	50	*	pf	f	cf
	Pembroke (St. Ann's Hd.)	30.33	52	SSW	4	f	30.33	+.02	50	-2	SSW	1	f	3	0.01	54	50	0.0	f	f	fq
	Newquay	30.37	60	SW	2	c	30.31	·00	53	-2	S	2	om	2	–	63	50	1.2	o	o.bc.c	of
	Scilly (St. Mary's) ...	30.37	54	SSE	3	f	30.32	-.02	53	-1	SSE	2	fe	3	–	57	51	0.2	f	f	f
	Jersey (St. Aubin) ...	30.44	63	W	3	bm	30.39	*	59	+4	SE	3	om	3	–	66	53	9.1	cm	bcm	bc.cm
	Portland Bill ...	30.40	53	WSW	3	c	30.36	-.02	52	-1	–	0	f	3	–	55	49	3.2	f	f	f
	Dungeness	30.34	55	SW	5	o	30.35	?	53	-1	SW	3	fe	3	–	59	50	?5.7	c.bc	c.o	f
	Dover	30.34	58	SW	4	b	?30.35	*	55	-5	SW	1	m	2	0.01	70	50	9.1	c.bc.b	b.bcm	om
	Wick	29.97	51	S	2	o	30.02	+.04	54	+3	W	2	bcq	2	0.07	54	48	*	om	omr	bcpq
	Nairn	30.01	58	W	1	o	30.05	*	53	-2	S	1	c	1	0.11	65	51	4.0	?	p.c	r.c
	Aberdeen	30.10	57	SSE	3	op	30.08	+.01	58	-1	SW	3	b	2	0.12	65	48	9.3	b	bc.c.op	obr.b
	Leith	30.12	61	SSW	2	c	30.15	+.02	56	0	WSW	3	c	*	0.37	66	54	*	bc.c	c.op	or
	North Shields ...	30.23	63	SSW	3	o	30.22	·00	57	-1	W	1	cp	2	0.02	66	54	7.6	c.	op.o	–
	Spurn Head ...	30.28	54	SE	4	o	30.24	·00	58	+2	WSW	6	bcq	4	–	65	51	*	c.o	om	om.cq
	Yarmouth	30.32	57	S	1	cm	30.29	-.01	58	-1	W	1	bcm	1	–	71	56	9.6	bc.b	b.bcm	cm.bcm
	Clacton-on-Sea ...	30.32	69	W	2	bc	30.33	·00	57	-4	WSW	2	bc	1	–	74	54	9.7	bc.c	c.bc	c.o.bcm
	Nottingham... ...	30.29	66	WSW	2	o	30.29	*	57	-1	W	2	om	*	–	70	55	4.3	c.o	o	o.c
	Bath	30.35	64	W	2	o	30.34	*	57	0	WSW	1	o	*	–	66	55	1.2	–	–	–
	Oxford	30.36	61	WSW	3	bc	30.35	*	60	+1	WSW	2	c	*	–	67	55	*	c	c	c
	London (Kew Obsy.)...	30.34	68	WSW	1	c	30.34	·00	59	-1	SW	1	om	*	trace	69	55	4.7	o.c	c.o.c	cocbc.?
ICELAND & FAEROE.	Isafjord...	29.70	46	SE	3	bc	29.67	-.02	42	-2	–	0	bc	*	*	*	*				
	Reykjavik	29.64	50	SW	3	b	29.57	+.02	45	+1	SW	3	c	*	*	*	*				
	Vestmanna	29.70	49	SSE	1	b	29.69	+.06	45	+2	–	0	c	1	*	*	*				
	Seydisfjord	29.72	55	NE	2	c	29.69	+.02	40	-10	NE	2	f	*	*	*	*				
	Thorshavn	29.93	53	SSW	1	o	29.69	·00	48	-1	SW	5	r	*	*	*	*				
SCANDINAVIA.	Haparanda	30.20	27	S	2	c	29.94	-.04	33	+1	SW	2	b	*	–	37	25				
	Hernösand	30.23	37	S	4	bc	30.03	+.04	51	+12	S	2	b	*	–	51	32				
	Stockholm	30.36	38	S	2	o	30.18	-.06	42	0	SW	2	r	*	0.04	48	37				
	Wisby	30.44	37	–	0	b	30.30	-.03	46	0	SW	4	b	*	–	48	36				
	Karlstad	30.32	49	–	0	o	?30.17	-.06	45	+5	S	2	r	*	trace	54	40				
	Færder (X'iania Fjord)	30.33	47	S	2	o	30.12	-.06	48	+3	S	4	o	2	–	48	45				
	Bodö	29.98	45	S	1	m	29.86	-.04	44	+6	S	2	o	1	0.12	48	38				
	Christiansund ...	30.14	48	–	0	r	29.85	-.10	51	+5	SE	1	r	1	0.12	51	45				
	Skudesnaes	30.27	45	S	6	r	30.00	-.02	45	-1	SSW	6	o	4	0.32	45	43				
	The Scaw (Skagen)...	30.35	49	SSW	4	c	30.19	-.06	47	0	SSW	3	o	1	–	55	45				
	Blaavands Huk ...	30.36	49	NE	1	m	30.19	-.09	50	+1	SSW	2	r	1	0.08	?59	45				
GERMANY, &c.	Cuxhaven	30.34	55	E	1	b	30.26	-.02	53	0	SW	2	rm	*	–	61	48				
	The Helder	30.33	50	W	1	f	30.26	-.02	53	0	SW	3	r	1	trace	55	48				
	Brussels	30.36	59	SW	1	bc	30.37	-.01	55	-1	WSW	2	o	*	trace	67	53				
	Berlin	30.31	55	E	2	o	30.35	-.01	52	-1	SE	3	b	*	–	61	48				
	Frankfurt	30.30	61	NW	1	o	30.34	·00	59	+1	SW	1	f	*	–	64	57				
	Munich	30.30	53	NW	3	o	30.39	+.01	53	+2	E	1	o	*	1.34	57	50				
FRANCE.	C. Gris Nez... ...	30.39	54	SSW	4	o	30.37	+.01	50	-3	SSW	4	f	3	0.04	59	50				
	La Héve	30.44	57	WSW	3	o	30.41	*	58	+4	SW	2	o	1	–	63	54				
	Brest (St. Mathieu) ...	30.45	61	S	1	m	30.44	-.01	57	+5	ESE	4	bc	2	–	63	52				
	Lorient (Bec Melen)...	30.41	57	–	0	m	30.33	*	57	+3	E	2	bc	2	–	61	50				
	Rochefort (Ile d' Aix)	30.43	67	NW	2	bc	30.36	*	61	+6	NE	1	c	*	–	77	55				
	Biarritz	30.32	68	NE	3	b	30.26	*	64	-2	SSW	2	b	2	–	73	59				
	Paris	30.45	64	NNW	2	bc	30.45	-.01	59	-1	–	0	o	*	–	71	57				
	Belfort	30.41	59	W	5	o	30.45	*	52	-3	–	0	f	*	0.16	62	50				
	Lyons	30.40	67	N	2	b	30.43	*	60	0	NNW	2	bc	*	–	75	55				
	Nice	30.15	56	–	0	o	30.19	+.04	64	+9	SW	2	f	1	–	64	52				
	Perpignan	30.29	82	NW	2	c	30.28	-.01	74	+1	NW	2	b	*	–	87	66				
	Sanguinaire	30.10	59	SW	1	m	30.06	*	59	0	N	1	f	3	–	66	50				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.) ...	30.41	73	S	2	b	30.33	·00	69	+6	SE	1	o	2	–	90	63				
	Lisbon (9 a.m.) ...	30.29	78	NW	2	b	30.28	+.02	71	0	NNE	4	b	2	–	90	64				
	Gibraltar	30.30	66	E	3	b	30.26	*	57	-8	E	2	b	*	–	*	*				
	Azores (P. Delgada) .																				
	Azores (Horta) ...	30.09	61	–	0	r	29.92	-.02	61	+4	SE	3	r	3	0.47	66	57				
	Madeira (Funchal) ...	30.09	72	NW	2	o	30.11	+.01	71	+4	NW	2	o	2	–	82	61				

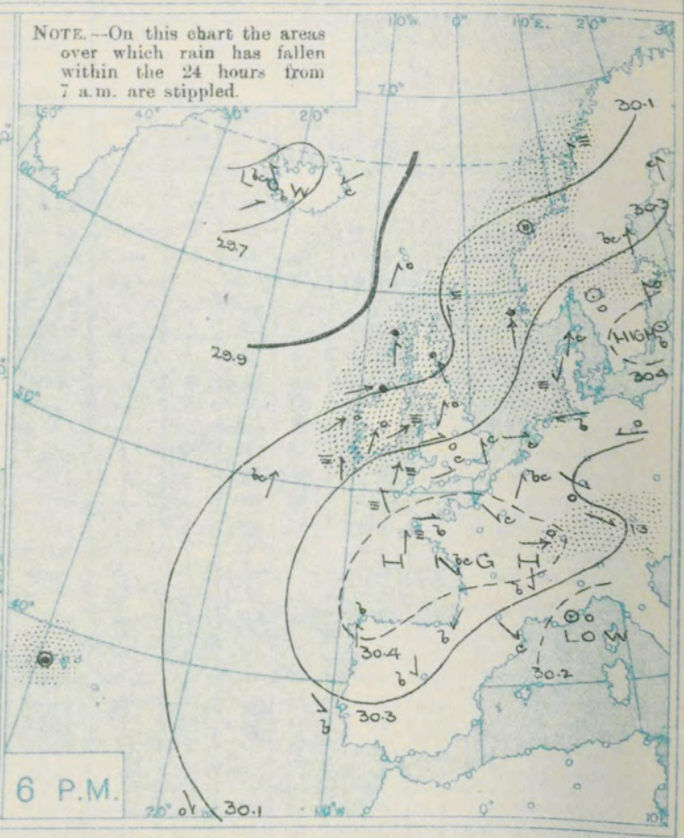
DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS

* 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. 8th MAY.





NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 70° and upwards over Eastern and Central England, and to 74° at Greenwich and Clacton-on-Sea; on our west and southwest coasts, where fog prevailed, it did not reach 60°. More than 9 hours of bright sunshine were recorded on the east coasts of Great Britain; elsewhere the duration was small. Rain fell at most of our western and northern stations, thunder was heard at Aberdeen and Deal, and thunder and lightning occurred at Donaghadee.

WEATHER PROSPECTS.

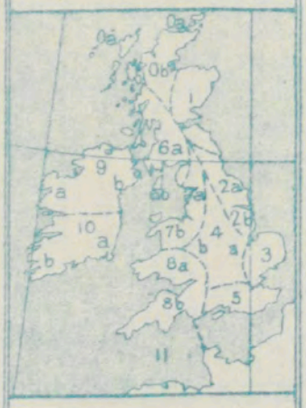
FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY

0 {a, b} W.by and S.W.by winds, fresh or strong; changeable, some showers; normal temperature.

1, 2 {a, b}, 3, 4 {a, b} light breezes, chiefly W.by; fair generally; rather cooler.

5 S.W.by to S.by or S.E.by winds, light; fair generally, but much mist or fog on coast; rather cooler.

FORECAST DISTRICTS.



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} W.by to S.W.by winds, moderate; fair generally but misty in places; normal temperature.

7 {a, b} Light breezes, chiefly S.W.by; fair generally, but some mist or fog on coast; normal temperature.

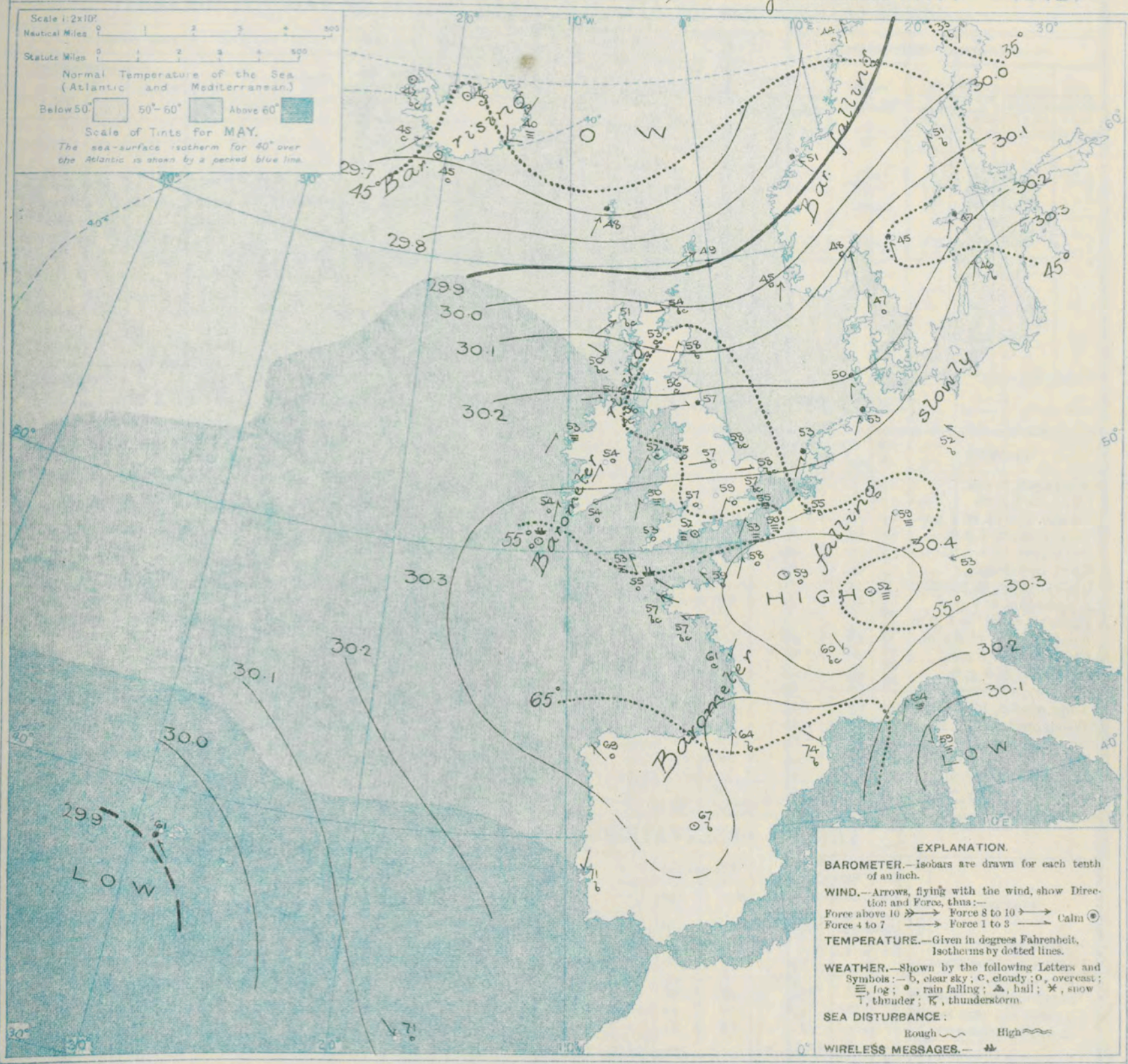
8 {a, b} S.by and S.E.by winds, light; fair inland, foggy on coast; normal temperature.

9 {a, b}, 10 {a, b} S.by and S.W.by winds, light; fair generally, but misty or foggy on coast; normal temperature.

11 WESTERN CHANNEL AND BAY. Light E.by and S.E.by winds, and a slight sea; much fog mouth Channel, fair further south; normal temperature.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Thursday, 9th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large anticyclone still lies over all the more southern parts of our area of observation, the highest pressures being found over central France. A depression of moderate intensity is passing eastwards across the Iceland-Faeröe region, and is causing a fall of the barometer in Scandinavia, Denmark and North Germany.

The wind is light from the W.rd or S.W.rd over the greater part of the United Kingdom, but draws into S. in Scandinavia. In France and Germany it is light and variable. Temperature has changed slightly and irregularly.

Over the United Kingdom the thermometer remains high for the time of year, the morning readings being above 55° in the eastern and central parts of Great Britain. The Continental values range from 74° at Perpignan, 69° at Coruña, and 67° at Madrid to 45° and less in the north of Scandinavia, and to 33° at Haparanda. The weather is fine over the greater part of the United Kingdom and France, but much fog still prevails on our south and south-west coasts. Rain is falling in several parts of Scandinavia, Denmark, Holland and North Germany, as well as in the Faeröe. The sea is slight or smooth generally.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The large depression over the Iceland-Faeröe region will travel eastward to Scandinavia. The southern anticyclone will extend temporarily northwards, and will occasion a continuance of fair weather over the greater part of the United Kingdom. Fog is still probable on our south and southwest coasts.

DAILY WEATHER REPORT. Thursday, 9th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance
	°	°	In.					°	°	In.				°	°	°	
9 May 4 a.m.	51	12	30·39	S	1-3	Lake Erie	9 May 7 a.m.	51	11	30·43	–	0	0	–	–	–	–
8 – 3 p.m.	50	17	30·26	SSW	4-5		8 – 6 p.m.	50	15	30·28	SSW	4-5	bc	–	–	–	–
– – 4 a.m.	50	20	29·89	S	4-5		– – 7 a.m.	50	19	29·96	S	4-5	0	–	–	–	–
9 – 4 a.m.	48·40	5·51	30·31	ESE	2	H. M. S.	9 – 8 a.m.	49·14	5·17	30·30	SE	2	0	55	54	53	2
8 – 8 a.m.	45·5	8·15	30·33	NE	3		8 – 11 a.m.	45·51	8·15	30·35	ESE	3	bc	61	59	58	2

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Stonehaven, to 6 p.m.	*	*	*	8·2	0·01
Oban, to 6 p.m.	68	53	c.b.or.cq	*	0·06
Dublin (City), to 4 p.m....	62	51	r.o.c.o	1·2	0·05
Blackpool, to 9 p.m. ...	63	50	o.bc.c.o	1·8	0·17
Southport, to 6 p.m. ...	64	54	o.c.o	0·6	0·02
Rhyl, to 6 p.m....	65	54	p.bc.o	1·2	–
Colwyn Bay, to 6 p.m. ...	64	53	o.or.op.o	0·0	0·03
Llandudno, to 9 p.m. ...					
Bettws-y-Coed, to 6 p.m...	58	54	fd.o.c.o	0·0	0·05
Aberystwyth, to 6 p.m. ...	57	52	of.opq.of	0·0	0·02
Plymouth, to 9 p.m. ...	64	54	c	1·6	–
Paignton, to 6 p.m.... ...	63	55	o.c.o	1·2	–
Torquay, to 6 p.m.	69	56	c.bc.b.c	4·5	–
Teignmouth, to 9 p.m. ...	60	53	g.bg	3·2	–
†Weymouth, to 6 p.m. ...	66	54	o.c.m	2·4	–
†Bournemouth, to 6 p.m....	66	54	o.c.bc.b	2·0	–
Southsea, to 6 p.m.... ...	62	54	c.o.m	3·2	–
†Worthing, to 6 p.m. ...	63	47	b.r	6·1	–
Carnoustie, to 6 p.m.					

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max	Temperature F. Min	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
†Brighton, to 6 p.m.	59	53	bc.c.o	2·6	–
†Seaford, to 6 p.m.	59	52	r.f.c.bc.f	2·7	0·01
†Eastbourne, to 6 p.m. ...	60	52	o.c.bc.o.bc	3·7	–
Bexhill-on-Sea, to 9 p.m...	62	53	bc.c	3·5	–
Hastings	*	*	*	4·0	*
†Folkestone, to 6 p.m. ...	59	52	b.bc	8·0	–
†Deal, to 6 p.m....	73	55	c.bc.ct.bc	8·3	–
†Ramsgate, to 6 p.m. ...	*	*	*	9·0	–
†Margate, to 6 p.m.	70	56	b.f.o	9·0	–
†Felixstowe, to 6 p.m. ...	72	54	bcm	10·6	–
†Lowestoft, to 6 p.m. ...	71	54	o.c.bc.o	9·1	–
†Skegness, to 6 p.m.... ...	70	51	b.o	8·1	0·09
Scarborough, to 9 p.m. ...	64	53	bc	5·3	0·03
†Harrogate, to 6 p.m. ...	67	50	p.c.bc.c.o	8·3	0·09
Buxton, to 9 p.m.	64	52	bc.r.o	3·1	0·06
Darwen, to 9 p.m.	63	50	od.bc.o	1·8	
Manchester, to 9 p.m. ...					
Birmingham, to 9 p.m. ...					
Douglas, to 6 p.m	55	50	o.f.o	0·4	0·01

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
			24 Hours ended at 9 a.m. To-day.				
	%	%	°	°		In.	Hr.
Greenwich (Royal Obsy.) ...	64	69	74	54	c	–	4·7
City (Bunhill Row)	*	*	*	*	*	*	5·1
Westminster (St. James's Pk.)	65	77	70	56	bc	–	4·3
Camden Sq. (Brit. Rainfall)	64	72	73	55	bc.c.b	–	5·8
Hampstead (Reservoir) ...	*	81	69	54	bc.c	–	5·1
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	71	58	o.c.o	–	4·4
" " (Roof of M.O.)	60	68	70	58		*	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

9 & 10 May, 1912.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4·10	11·49	7·28
	4·8	11·49	7·30
Greenwich	4·21	11·56	7·31
	4·19	11·56	7·33
Wick	4·2	12·8	8·14
	4·0	12·8	8·16
Valencia...	5·0	12·37	8·14
	4·58	12·37	8·16

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga	–	73	61	b. b
Marseilles	–	75	59	b. b
Malta	–	68	59	–. b
Algiers	–	73	59	b. c
Tunis	–	73	50	b. b
Palermo	–	69	52	b. c

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Rome...	–	73	50	b. f
Vienna	0·43	64	52	o. o
Utrecht	0·20	61	52	b. r
Zürich	0·24	*	*	r. o
Geneva	0·04	*	*	r. c
Lugano	–	*	*	b. b

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.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday 10th May, 1912.

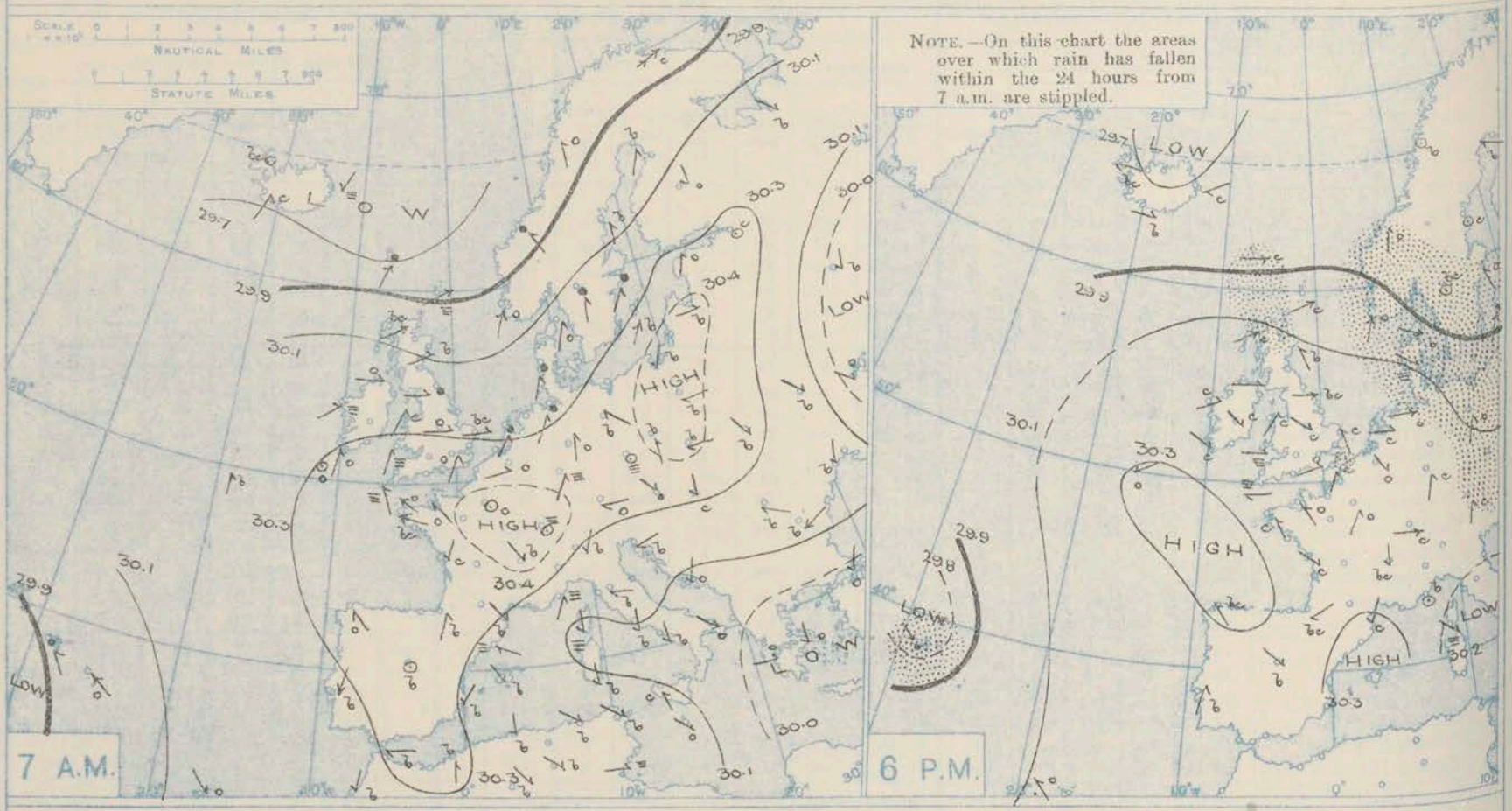
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Temp. Dry Bulb.	Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	29.96	50	WSW	5	c	29.97	+02	49	0	W	4	b	3	–	53	46	*	oqm	bc	bc
	Stornoway	30.12	53	WSW	6	c	30.11	-01	50	-1	WSW	4	bc	4	0.03	56	45	9.9	bcq	bcq	bcp
	Castlebay (Barra Isd.)	30.20	51	SW	5	c	30.15	·00	49	-1	SSW	3	c	3	–	53	46	10.5	bc.b.bc	bc	c.o.bc
	Malin Head... ...	30.25	54	W	2	b	30.16	-02	48	-3	SW	3	b	1	–	56	45	*	bc	bc	bcme
	Blacksod Point ...	30.26	55	WSW	3	c	30.14	-04	51	-2	–	0	0	3	–	58	44	*	c	c	bc
	Valencia	30.25	56	NW	3	c	30.08	-04	54	0	–	0	bc	3	trace	59	49	4.3	o.c	c	bc
	Roche's Point ...	30.26	55	S	1	om	30.12	*	52	-2	E	2	f	2	0.02	58	50	*	f.om	f.om	ofe
	Birr Castle	30.24	63	NW	1	c	30.14	*	49	-5	NW	1	o	*	–	66	45	7.7	c	c	o
	Donaghadee ...	30.26	52	N	2	bc	30.21	-01	48	-8	N	2	c	1	–	61	44	*	bc	bcm	bc
	Liverpool Obsy. ...	30.27	58	W	1	bc	30.20	-01	50	-5	–	0	f	0	–	60	48	1.5	o	o.bc	f
	Holyhead	30.26	56	SW	3	cm	30.17	-02	50	-2	E	1	f	1	–	59	45	*	cm	f	fw
	Pembroke (St. Ann's Hd.)	30.27	52	W	1	f	30.12	-03	55	+5	ESE	4	cm	4	trace	56	50	0.0	f	f	f
	Newquay	30.24	54	NW	1	of	30.07	-03	58	+5	SSE	3	b	2	–	59	51	0.0	o	of	of.b
	Scilly (St. Mary's) ...	30.27	54	E	1	f	30.05	-08	54	+1	E	4	bcm	3	0.01	58	50	0.0	f	f	f
	Jersey (St. Aubin) ...	30.27	67	SE	2	ogm	30.15	*	61	+2	ESE	2	bm	2	–	69	54	4.0	bc.om	ogm.c.o	bcm
	Portland Bill ...	30.26	55	–	0	bc	30.16	-02	55	+3	SE	1	c	2	–	60	50	1.6	cf	bcm	b.f.c
	Dungeness	30.23	56	SW	3	c	30.14	+01	58	+5	NE	2	m	2	–	58	51	2.2	f.bc	c	cef.3
	Dover	30.25	61	SW	1	o	30.17	*	60	+5	NNE	1	b	2	–	62	52	2.9	om.b	bc.o	o.b
	Wick	30.09	54	WNW	4	bc	30.08	·00	50	-4	WNW	3	bc	2	0.03	60	42	*	bc	bcq	op.bc
	Nairn	30.12	56	W	3	c	30.12	*	50	-3	W	2	c	2	0.01	61	42	10.5	b	b	b
	Aberdeen	30.14	54	SSE	2	b	30.12	+01	52	-6	W	3	c	2	–	66	47	12.6	bc.b	b	b bc.c
	Leith	30.18	60	NW	2	b	30.16	·00	50	-6	SW	3	c	*	–	62	45	*	c.bc	bc.b	b
	North Shields ...	30.20	65	W	4	bc	30.20	·00	52	-5	SW	2	o	2	–	67	44	11.6	–	–	–
	Spurn Head ...	30.21	61	WNW	5	bc	30.19	·00	53	-5	NW	4	bc	3	–	65	48	*	cq	cq	cq.c
	Yarmouth	30.24	57	SSE	1	c	30.19	+01	55	-3	N	1	bc	1	–	67	50	2.4	bc.c.o	o.c	c.bc
	Clacton-on-Sea ...	30.24	58	ESE	1	cq	30.18	·00	57	0	NNW	2	bc	1	0.36	66	54	3.3	bcm.cq	cq	c.o.b.lr
	Nottingham... ...	30.23	63	WNW	3	c	30.20	*	46	-11	SSE	1	bmw	*	–	68	39	0.5	o.c	c	c.b
	Bath	30.24	65	W	2	o	30.17	*	58	+1	E	2	c	*	–	69	54	3.2	–	–	–
	Oxford	30.25	64	W	2	o	30.18	*	60	0	ENE	2	b	*	–	72	53	*	b	c	o
	London (Kew Obsy.)...	30.22	69	WSW	1	o	30.19	·00	58	-1	N	1	om	*	–	72	56	5.8	om.c	c.o	o.c.om
ICELAND & FAEROE.	Isafjord...	29.71	46	E	2	bc	29.80	·00	41	-1	E	3	c	*	*	*	*				
	Reykjavik	29.65	54	S	3	c	29.65	-02	44	-1	S	3	o	*	*	*	*				
	Vestmanna	29.76	34	SSW	1	b	29.67	-01	41	-4	SE	1	r	1	*	*	*				
	Seydisfjord	29.73	50	NE	2	c	29.78	-14	42	+2	–	0	o	*	*	*	*				
	Thorshavn	29.82	47	W	7	c	29.90	+01	46	-2	WNW	4	c	*	*	*	*				
SCANDINAVIA.	Haparanda	29.81	32	SE	2	b	29.77	+01	37	+4	S	4	bc	*	–	41	30				
	Hernösand	29.75	44	–	0	c	29.72	·00	37	-14	NE	2	o	*	–	55	36				
	Stockholm	29.81	46	S	2	o	29.63	-02	44	+2	E	2	r	*	0.35	54	41				
	Wisby	29.86	44	SW	6	r	29.61	-04	43	-3	W	4	o	*	0.08	54	41				
	Karlstad	29.78	46	–	0	bc	29.68	-04	48	+3	WNW	2	c	*	0.08	50	43				
	Færder (X'tania Fjord)	29.82	50	W	4	c	29.75	+01	51	+3	WSW	2	b	2	0.24	50	45				
	Bodö	29.74	46	–	0	b	29.69	-01	46	+2	–	0	b	1	–	48	37				
	Christiansund ...	29.73	50	SW	1	o	29.63	+01	45	-6	WSW	5	r	2	0.39	51	45				
	Skudesnaes	30.02	46	SSW	4	o	29.98	·00	46	+1	NW	6	f	3	0.12	48	45				
	The Scaw (Skagen)...	29.90	48	WNW	6	b	29.81	-01	50	+3	WNW	7	b	2	0.04	52	45				
	Blaavands Huk ...	30.10	48	WNW	2	m	30.06	+01	50	0	WNW	3	c	2	0.20	52	46				
GERMANY, &c.	Cuxhaven	30.13	52	W	4	o	30.09	·00	52	-1	W	2	bc	*	0.16	57	48				
	The Helder	30.23	54	SW	1	c	30.13	·00	53	0	NW	1	bc	1	–	57	52				
	Brussels	30.25	62	NNW	1	o	30.15	-01	61	+6	SW	1	b	*	–	71	53				
	Berlin	30.08	58	SW	3	o	30.03	·00	52	0	NW	4	o	*	0.04	66	52				
	Frankfurt	30.17	63	SW	1	c	30.11	-01	63	+4	SW	1	o	*	–	72	59				
	Munich	30.24	57	SW	1	c	30.15	-02	57	+4	NW	4	o	*	0.04	63	52				
FRANCE.	C. Gris Nez... ...	30.26	57	SSW	3	o	30.18	+01	55	+5	WNW	1	m	1	–	59	50				
	La Hève	30.27	63	E	1	bc	30.17	*	66	+8	ENE	1	b	0	–	75	52				
	Brest (St. Mathieu) ...	30.27	66	SSE	3	c	30.10	·00	59	+2	ESE	4	b	2	–	?68	57				
	Lorient (Bec Melen)...							*													
	Rochefort (Ile d' Aix)	30.26	68	NW	2	c	30.16	*	64	+3	SE	2	c	*	–	79	59				
	Biarritz	30.21	68	ENE	2	bc	30.09	*	69	+5	–	0	bc	1	–	77	63				
	Paris	30.28	70	SW	1	o	30.18	-05	65	+6	SSW	1	b	*	–	73	55				
	Belfort	30.28	66	W	4	c	30.23	*	58	+6	–	0	m	*	–	73	52				
	Lyons	30.28	69	N	1	bc	30.21	*	63	+3	N	1	b	*	–	76	55				
	Nice	30.22	69	–	0	b	30.15	-01	63	-1	–	0	bc	1	–	73	59				
	Perpignan	30.23	72	NE	1	c	30.18	·00	69	-5	–	0	b	*	–	91	58				
	Sanguinaire	30.14	60	NW	1	m	30.10	*	62	+3	S	2	f	2	–	66	52				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.) ...	30.33	78	SE	1	bc	30.23	-04	72	+3	WSW	1	c	3	–	90	63				
	Lisbon (9 a.m.) ...	30.25	78	SSW	1	b	30.19	+01	71	0	N	4	bc	5	–	91	66				
	Gibraltar	30.21	64	E	1	b	30.16	*	59	+2	E	2	b	*	–	*	*				
	Azores (P. Delgada)																				
	Azores (Horta) ...	29.77	61	NW	4	r	30.06	+10	57	-4	NNW	4	o	3	0.32	64	55				
	Madeira (Funchal) ...	30.13	81	SE	2	o	30.05	-01	75	+4	SE	2	bc	2	–	88	68				

DURATION AND EXTREME FORCE OF GALES 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. 9TH MAY.



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 70° and upwards in the east and south of England, and to 76° at Greenwich and Camden Square; at some of our south coast stations it did not reach 60°. Large amounts of bright sunshine were recorded in the north and west of Scotland, but in most other districts the duration was small or only moderate. Solar halos were seen in several parts of the country, and a thunderstorm occurred at night at Blackton-on-Sea. Wireless reports show that as far west as the 19th meridian, ships experienced light variable airs and fair weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

0 {a, b} W.ly to S.W.ly winds, moderate or fresh; fair at first, some showers later; moderate temperature.

1, 2 {a, b} W.ly and S.W.ly winds, light; fair generally, with a temperature about the normal.

3 Same as No. 5.

4 {a, b} Variable or light E.ly airs; fair generally, with a temperature about the normal.

5 Variable or light N.ly airs; fair generally, but some mist on coast; normal temperature

FORECAST DISTRICTS.

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 {a, b} Same as No. 0.

Light Variable airs; some mist or fog; normal temperature.

8 {a, b} E.ly and S.E.ly winds, light or moderate; fair generally, but some mist or fog; normal temperature.

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

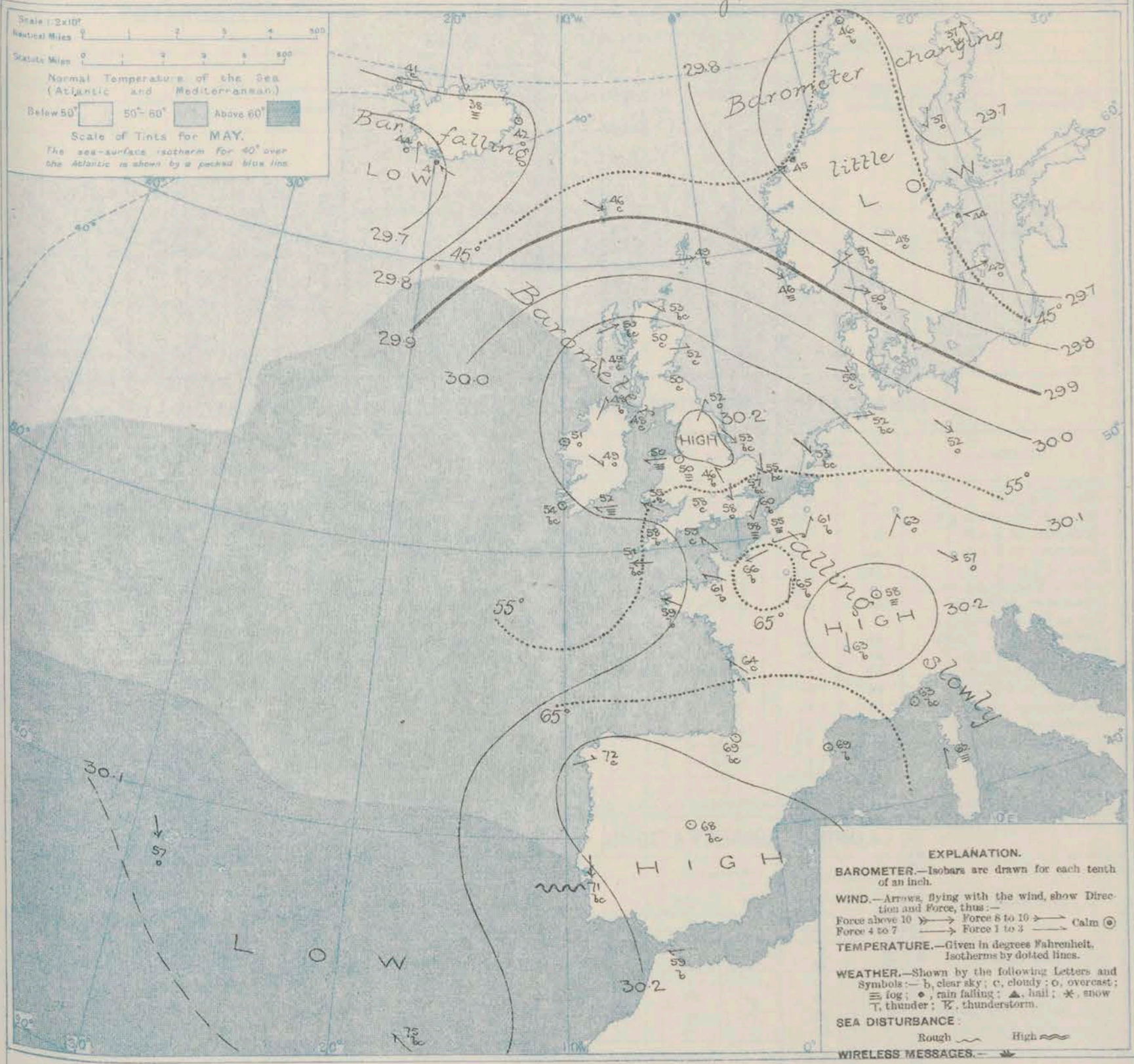
10 {a, b} Same as No. 8.

11 WESTERN CHANNEL AND BAY.

Light E.ly and S.E.ly winds, and a slight sea. Fair generally, but misty in places. Normal temperature.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Friday, 10th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large anticyclone extends northwards from the Spanish Peninsula over France and nearly the whole of the United Kingdom. A depression of moderate intensity is passing eastwards across Scandinavia, and another disturbance is approaching Iceland from the westward.

The wind is light to moderate from E. or S.E. on our south and southwest coasts and in the west of France, but is S.W.ly or N.W.ly over the entire North Sea area, and strong or high in force off the south of Norway. Temperature has fallen in most parts of the United Kingdom, but has risen at the Continental stations. In the south and east of England the morning readings are mostly above 55°, but on our northwest coasts the thermometer is below 50°. The weather is fair or fine over Western Europe generally, but fog prevails on several parts of our own western coasts, and rain is falling at some of the Scandinavian stations. The sea is slight or smooth generally.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The anticyclone over Western Europe appears to be gradually diminishing in intensity, but over the major part of the United Kingdom its influence will be felt throughout the ensuing 24 hours. On our extreme north and northwest coasts the weather will be affected by a depression which is approaching Iceland from the westward.

DAILY WEATHER REPORT. Friday, 10th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	In.					°	°	In.				°	°	°	
9th May, 3 p.m.	49	16	30·36	ESE	1-3	Adriatic	9th May, 6 p.m.	50	15	30·32	ENE	1-3	0	–	–	–	–
" " 4 a.m.	48	20	30·35	SW	1-3		" " 7 a.m.	49	19	30·37	S	1-3	6	–	–	–	–

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Econehaven, to 6 p.m.	*	*	*		
Oban, to 6 p.m.	61	49	bc. b	12·3	0·02
Dublin (City), to 4 p.m.	65	56	o. bc	7·2	0·61
Blackpool, to 9 p.m.	60	51	c. o	8·0	–
Southport, to 6 p.m.	60	53	o. bc. o. bc	4·5	–
Rhyl, to 6 p.m.	63	54		2·0	–
†Colwyn Bay, to 6 p.m.	62	54	bc. c. b	2·5	–
Llandudno, to 9 p.m.	64	53	or. o. bc	5·0	–
Bettws-y-Coed, to 6 p.m.					*
Aberystwyth, to 6 p.m.	55	53	m. o. c. om	0·0	–
Plymouth, to 9 p.m.	61	50	bc. o. bcf	3·2	–
Paignton, to 6 p.m.	65	50	om. bc. o. bc	0·8	–
Torquay, to 6 p.m.	62	51	m. o. c	1·2	–
Teignmouth, to 6 p.m.	58	51	f. c. b	0·6	–
†Weymouth, to 6 p.m.	64	50	bq. cu. bq	1·6	–
†Bournemouth, to 6 p.m.	67	50	m. c. bc. o	5·2	–
Southsea, to 6 p.m.	68	51	bc. d. c. b. o	6·0	–
†Worthing, to 6 p.m.	60	51	c	2·2	–
Carnoustie, to 6 p.m.	66	51	b	13·3	0·29

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
†Brighton, to 6 p.m.	59	51	o. bc. o	0·5	–
†Seaford, to 6 p.m.	60	50	f. bc. c. o	1·9	–
†Eastbourne, to 6 p.m.	62	50	o. c. bc. o	4·0	–
Bexhill-on-Sea, to 9 p.m.	62	51	bc. o	1·3	–
†Hastings	*	*	*	1·2	*
†Folkestone, to 6 p.m.	59	51	m. bc. o	0·8	–
†Deal, to 6 p.m.	68	51	c. bc. b. o	5·8	–
†Ramsgate, to 6 p.m.	*	*	*	6·4	–
Margate, to 6 p.m.	70	50		4·5	–
†Felixstowe, to 6 p.m.	71	54	m. o. bc m. o	6·3	–
†Lowestoft, to 6 p.m.	69	56	c. ou. c	3·2	–
†Skegness, to 6 p.m.	70	51	c. o	3·7	–
Scarborough, to 9 p.m.	72	54	bc	13·0	–
†Harrogate, to 6 p.m.	65	53	c. bc. b	9·0	–
Buxton, to 9 p.m.	62	55	bc. c. bc	0·2	Trace
Darwen, to 9 p.m.	61	51	ou. d. bc. o	2·6	0·02
Manchester, to 9 p.m.					
Birmingham, to 9 p.m.	67	54	c. o	1·4	–

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
			24 Hours ended at 9 a.m. To-day.				
	%	%				In.	Hr.
Greenwich (Royal Obsy.)	53	58	76	56	b. c	–	5·3
City (Bunhill Row)	*	*	*	*	*	*	5·1
Westminster (St. James's Pk.)	61	63	73	58	bc	–	4·4
Camden Sq. (Brit. Rainfall)	61	58	76	56	b. c. b	–	6·1
Hampstead (Reservoir)	*	65	71	54	bc. sp. bc	–	6·3
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington	*	*	73	55	bc. c. o	–	4·5
" " (Roof of M.O.)	58	53	73	56		*	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

10th, 11th May, 1912.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4·8	11·49	7·30
	4·6	11·49	7·32
Greenwich	4·19	11·56	7·35
	4·17	11·56	7·36
Wick	4·0	12·8	8·19
	3·57	12·8	8·16
Valencia	4·58	12·37	8·18
	4·56	12·37	

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga	–	77	61	b. b
Marseilles	–	82	59	o. b
Malta	–	66	59	– o
Algiers	–	79	61	m. b
Tunis	–	77	59	bc. b
Palermo	–	79	50	b. c

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Rome	–	72	55	o. b
Vienna	0·08	57	52	o. r
Utrecht	–	64	46	c. m
Zürich	0·20	*	*	r. m
Geneva	–	*	*	b. c
Lugano	–	*	*	b. b

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.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday, 11th May, 1912.

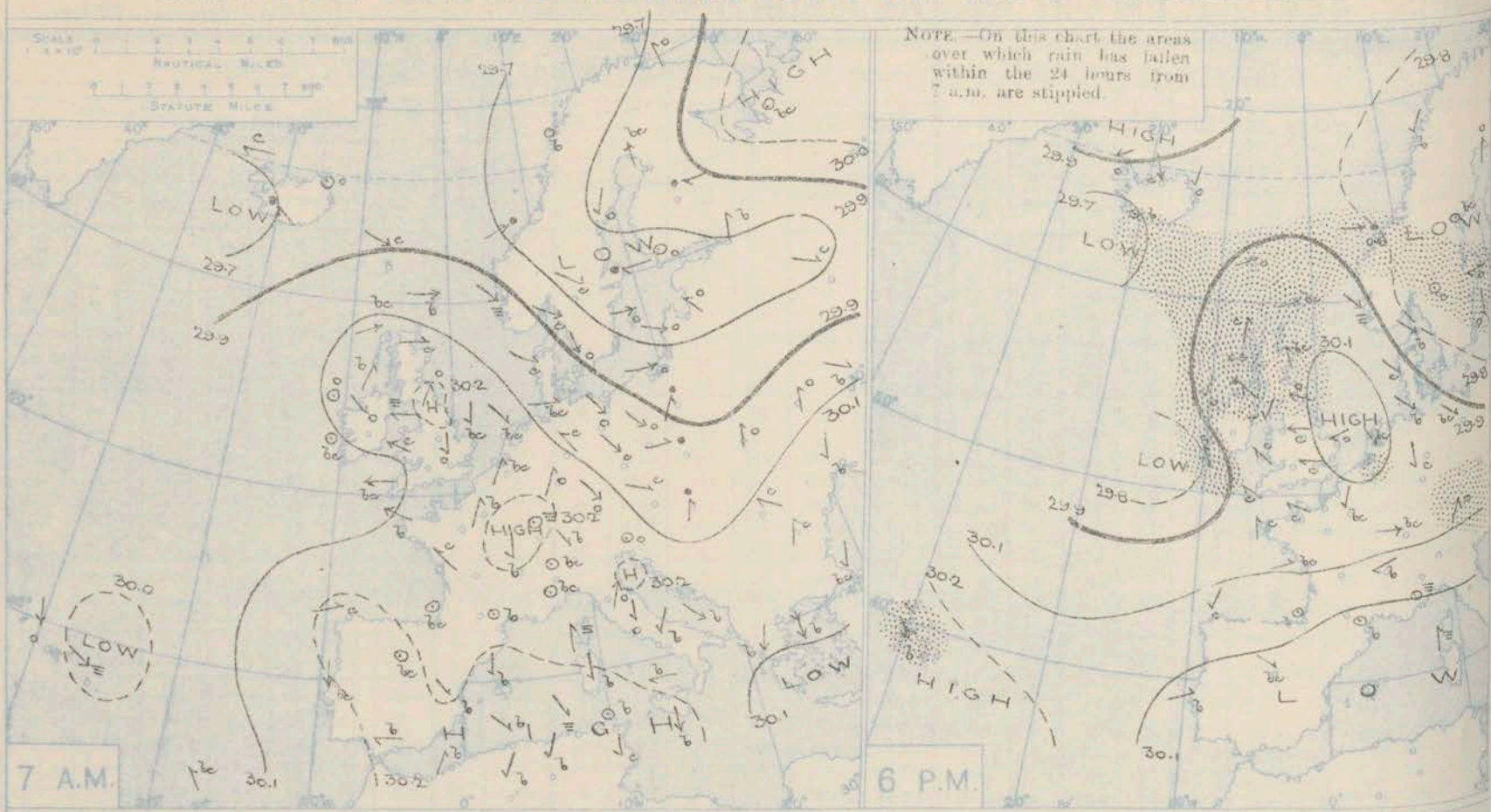
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Temp. Dry Bulb.	Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	29.99	50	WSW	3	bc	†29.68	-.09	47	-2	SSE	3	r	3	0.02	52	45	*	bc	bcm	or
	Stornoway	30.02	53	SSW	3	c	29.59	-.12	47	-3	ENE	3	r	3	0.24	56	46	4.9	bc.c	bc.c	or
	Castlebay (Barra Isd.)	30.01	51	SE	2	o	29.52	-.11	47	-2	N	4	r	4	0.52	53	47	6.7	c.bc	c.o	od.or
	Malin Head... ...	29.96	55	ESE	1	rgm	29.49	-.06	55	+7	SW	5	cgg.m	4	0.02	55	48	*	og	ogr	ogpm
	Blacksod Point ...	29.91	58	NNE	3	o	29.60	+.01	54	+3	SSW	5	m	4	Trace	59	50	*	om	om	odm
	Valencia	29.80	64	SSE	2	c	29.73	.00	56	+2	SSW	3	om	3	0.02	70	54	6.3	bc	bc	omr
	Roche's Point ...	29.90	56	E	3	o	29.77	*	55	+3	SW	3	o	3	0.02	59	52	*	f	f.m	md.fe
	Birr Castle	29.89	63	SE	4	o	29.68	*	57	+8	SW	4	o	*	–	66	48	2.2	c	c.o	o
	Donaghadee ...	30.04	52	NE	2	og	29.64	-.05	57	+9	SSW	4	o	3	Trace	57	48	*	bcm	og	om.opm
	Liverpool Obsy. ...	30.02	62	SE	3	bc	29.73	-.06	56	+6	SE	3	o	2	Trace	66	50	0.7	o.bc	o.bc	o
	Holyhead	29.98	58	NE	1	omt	29.78	+.01	52	+2	SW	5	r	4	0.01	61	49	*	c.cm	o.cmt	df
	Pembroke (St. Ann's Hd.)	29.93	57	SE	3	c	29.83	-.04	52	-3	SSW	2	om	2	Trace	65	52	1.8	cm	cm	cm
	Newquay	29.91	59	ESE	5	c	29.85	-.01	54	-4	SW	1	om	1	–	65	53	7.7	b	b.bc	o
	Scilly (St. Mary's) ...	29.95	56	ESE	2	cm	29.86	-.03	54	0	SW	2	df	3	0.01	61	53	9.4	cm	cm	om
	Jersey (St. Aubin) ...	30.01	73	ESE	2	cgm	29.93	*	59	-2	SW	2	bcm	2	–	76	56	10.0	bcm	c.ogm	cm
	Portland Bill ...	30.01	55	ENE	4	c	29.88	-.01	52	-3	SW	3	f	2	–	57	51	8.4	bcm	bc.c	of
	Dungeness	30.05	56	NE	5	o	29.87	-.07	56	-1	SE	3	c	3	–	61	52	7.3	bc	c	cg
	Dover	30.12	54	NE	4	c	29.91	*	57	-3	SSE	2	m	4	–	65	52	6.9	b.bc.b	b.bc.o.c	c.bcm
	Wick	30.05	52	–	0	c	29.64	-.15	46	-4	SSE	3	r	3	0.26	56	46	*	cp	c	cm.omr
	Nairn	30.00	60	–	0	b	29.58	*	48	-2	E	2	o	2	0.20	63	44	7.9	b	bv	r.o
	Aberdeen	30.06	54	SSE	3	bc	29.63	-.16	48	-4	SSE	3	o	3	0.08	61	48	9.7	c.bc	bc	bc.op
	Leith	30.03	61	NNE	1	b	29.59	-.13	59	+9	SSW	3	r	*	0.02	61	49	*	c	bc.b	b
	North Shields ...	30.09	54	ESE	3	o	29.76	-.05	52	0	SE	2	o	2	0.02	61	49	6.6	–	–	o.r
	Spurn Head ...	30.12	51	SSE	4	o	29.85	-.05	53	0	SE	5	o	5	0.02	60	49	*	c	c.r	op.o
	Yarmouth	30.15	52	ENE	1	o	29.92	-.10	52	-3	SE	3	o	3	–	61	49	9.3	bc	bc.c.o	bc.c.o
	Clacton-on-Sea ...	30.14	54	E	3	c	29.90	-.07	55	-2	SE	4	bc	3	–	62	52	4.5	bc.c	c	c.bcg
	Nottingham... ...	30.07	60	E	4	c	29.83	*	56	+10	SSW	2	o	*	–	68	46	5.3	bm.c	c	c.o
	Bath	30.02	68	SE	1	o	29.85	*	60	+2	S	2	c	*	–	75	54	6.2	–	–	–
	Oxford	30.04	60	ESE	4	c	29.84	*	61	+1	S	5	cg	*	–	70	54	*	b.bc.m	cm	cm.oc
	London (Kew Obsy.)...	30.09	61	E	3	c	29.87	-.05	58	0	SW	1	om	*	–	69	53	4.4	cm.c	c.o.c	cbc.b
ICELAND & FAEROE.	Isafjord...	29.92	38	NE	5	o	30.13	+.04	31	-10	NE	5	b	*	*	*	*				
	Reykjavik	29.69	49	S	3	c	29.89	+.03	37	-7	–	0	b	*	*	*	*				
	Vestmanna	29.69	49	–	0	b	29.87	+.05	42	+1	NW	1	c	1	*	*	*				
	Seydisfjord	29.88	42	NNE	3	o	29.96	+.04	37	-5	NE	5	o	*	*	*	*				
	Thorshavn	29.91	49	WSW	4	*	29.70	-.06	45	-1	NE	2	r	*	*	*	*				
SCANDINAVIA.	Haparanda	29.71	39	SSW	2	o	29.65	-.08	44	+7	N	2	o	*	–	48	36				
	Hernösand	29.76	39	–	0	bc	29.73	-.01	49	+12	–	0	b	*	–	49	32				
	Stockholm	29.75	40	E	2	o	29.84	+.03	44	0	SSE	2	o	*	0.04	52	37				
	Wisby	29.71	43	N	2	c	29.82	+.04	42	-1	ESE	2	o	*	Trace	46	39				
	Karlstad	29.73	53	–	0	c	29.82	+.02	45	-3	–	0	o	*	0.04	63	41				
	Færder (X'tania Fjord)	29.77	52	NNW	2	b	29.84	+.02	52	+1	–	0	b	1	–	57	48				
	Bodö	29.73	43	NE	1	b	29.67	-.04	41	-5	E	1	b	1	–	46	37				
	Christiansund ...	29.81	44	W	4	r	29.84	+.01	46	+1	WSW	3	c	2	0.59	46	43				
	Skudesnaes	30.00	46	NNW	4	f	30.00	-.03	44	-2	–	0	f	1	–	50	43				
	The Scaw (Skagen)...	29.82	49	NW	4	b	29.87	+.01	50	0	WNW	4	b	1	–	55	45				
	Blaavands Huk ...	30.04	47	NW	3	c	30.04	-.01	48	-2	WNW	3	bc	2	–	52	45				
GERMANY, &c.	Cuxhaven	30.06	51	NW	3	b	30.06	.00	51	-1	NW	2	c	*	–	57	46				
	The Helder	30.15	52	N	1	bc	30.00	-.05	53	0	SE	3	o	1	–	57	52				
	Brussels	30.12	59	NNW	1	r	29.99	-.04	60	-1	SE	1	o	*	0.04	71	51				
	Berlin	29.96	57	NW	3	bc	30.05	+.02	46	-6	NW	3	c	*	–	63	43				
	Frankfurt	30.03	64	N	1	c	30.06	.00	60	-3	NE	1	b	*	–	72	55				
	Munich	30.08	57	SW	4	o	30.12	-.01	58	+1	W	4	o	*	0.16	63	52				
FRANCE.	C. Gris Nez... ...	30.10	57	ENE	4	o	29.90	-.04	64	+9	SSE	4	c	2	–	61	54				
	La Hève	30.03	69	ESE	2	c	29.92	*	66	0	WSW	2	bc	1	–	88	59				
	Brest (St. Mathieu) ...	30.03	64	S	2	c	29.96	-.01	56	-3	SSW	3	m	2	–	73	54				
	Lorient (Bec Meien)...	30.01	62	SW	2	c	29.96	*	59		S	3	bc	2	–	72	54				
	Rochefort (Ile d' Aix)	30.08	71	WSW	1	bc	30.04	*	64	0	S	3	c	*	–	88	61				
	Biarritz	30.11	77	–	0	b	30.05	*	72	+3	NE	1	b	0	–	84	63				
	Paris	30.06	76	ENE	1	b	30.00	.00	65	0	SSW	2	b	*	–	64	58				
	Belfort	30.08	70	W	5	bc	30.14	*	61	+3	E	3	m	*	?	74	57				
	Lyons	30.13	75	ENE	1	b	30.11	*	71	+8	SSE	1	b	*	–	83	63				
	Nice	30.10	55	–	0	f	30.12	+.02	55	-8	–	0	o	2	–	72	54				
	Perpignan	30.06	80	–	0	b	30.09	+.01	70	+1	SW	1	b	*	–	85	62				
	Sanguinaire	30.06	59	S	3	m	30.04	*	58	-4	S	2	o	2	–	64	52				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.) ...	30.14	68	NE	1	c	30.00	.00	62	-10	WNW	1	b	2	–	91	57				
	Lisbon (9 a.m.) ...	30.04	79	WSW	2	b	29.92	-.01	73	+2	N	3	c	5	–	93	68				
	Gibraltar	30.04	68	E	2	b	29.94	*	68	+9	E	4	b	*	–	*	*				
	Azores (P. Delgada)																				
	Azores (Horta) ...	30.26	56	NW	4	b	30.26	+.01	54	-3	NW	3	c	2	0.08	63	54				
	Madeira (Funchal) ...																				

DURATION AND EXTREME FORCE OF GALES 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. 10TH MAY.



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 70° and upwards in several parts of England and Wales, and to 76° at Jersey; at some of our east coast stations it did not reach 60°. The amount of bright sunshine varied considerably in different localities, but was, as a rule, only moderate. Slight rain was experienced in the west and north, a thunderstorm occurred at Douglas, I.O.M. and thunder was heard at Holyhead.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

0 (a, b): E.ly and S.E.ly winds, light; dull, rainy and cool.

1, 2 (a, b): S.E.ly to S.ly winds, light or moderate; cloudy, changeable, some rain, thunder locally; normal temperature.

3, 4 (a, b), 5: Light to moderate breezes from between S.E. and S.W.; close and rather changeable, thunderstorms in places.

FORECAST DISTRICTS.

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 (a, b): S.ly to S.W.ly winds, moderate or fresh; cloudy, some showers; temperature above the normal.

8 (a, b): S.ly and S.W.ly winds, moderate; cloudy, changeable, thunder locally, foggy or misty on coast; temperature about the normal.

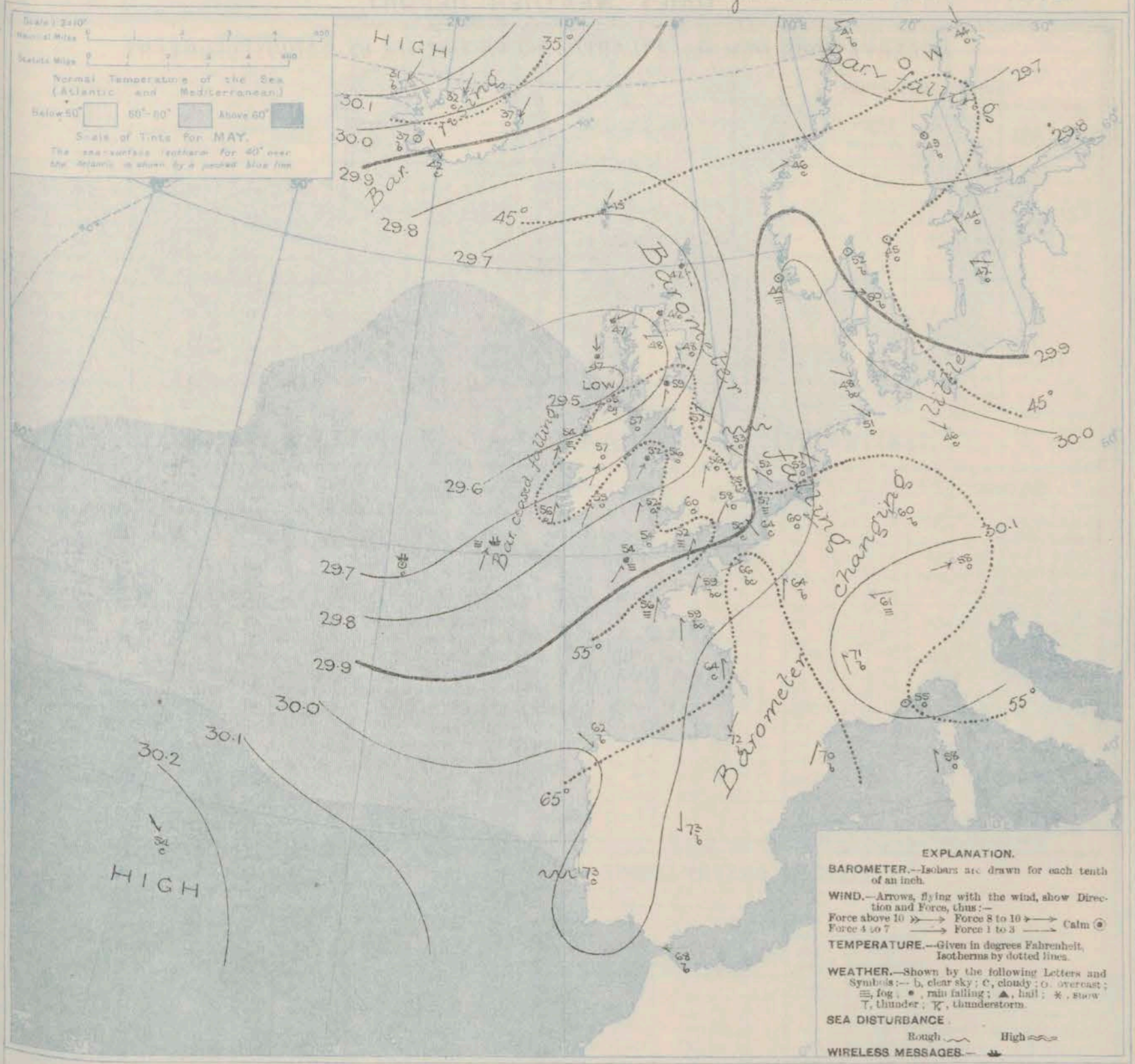
9, 10 (a, b): Same as Nos. 6 & 7.

11 WESTERN CHANNEL AND BAY.

Light to moderate S.ly and S.W.ly winds, cloudy, some mist or fog, slight rain locally; temperature above the normal.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Saturday 11th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A depression of moderate intensity has advanced from the Atlantic over our western and northern districts. An anticyclone exists over the southern parts of France and Germany, and another system, with equally high values, has appeared to the northward of Iceland.

The wind is light to fresh from the S.ward or S.W.ward over the western and central parts of the United Kingdom and France, but is S.E.ly on the north and east coasts of Great Britain, and N.E.ly in Iceland and the Faeröe. Temperature has changed very irregularly. Over a large portion of England, Ireland and the south of Scotland the thermometer is above 55°, but in the north of Scotland it is below 50°. The Continental values range from 73° at Madrid and 72° at Biarritz to 45° and less at many of the Scandinavian stations. Rain is falling in Scotland and on some parts of our western coasts, and fog still prevails over the western half of the Channel. Elsewhere the weather is at present fair. The sea is slight or smooth generally, moderate off our extreme northwest coasts.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression over our northern districts is likely to move slowly northwards. There are indications of the development of small secondary disturbances over England and the adjacent parts of the Continent, where local thunderstorms are anticipated.

DAILY WEATHER REPORT.

Saturday 11th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS.						Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS.										
Date and Hour of Observation.	Position.		Reading of Barometer.	Wind.			Date and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather	Temperature.			Sea Disturbance
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air. Dry Bulb.	Air. Wet Bulb.	Sea.	
	°	°	In.					°	°	In.				°	°	°	
11th May, 4a.m.	50	12	29.73	SSW	4-5	Celtic.	11th May, 7a.m.	50	13	29.73	SSW	4-5	m	-	-	-	-
" " "	49	19	29.61	-	0	Caronia.	" " "	49	19	29.66	-	0	0	-	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Stonehaven, to 6 p.m.	*	*	*	8·1	-
Oban, to 6 p.m.	58	45	c.bc.b.bc	7·2	-
Dublin (City), to 4 p.m....	59	49	b.f.c.0	*	-
Blackpool, to 9 p.m. ...	62	40	or.0	0·0	0·02
Southport, to 6 p.m. ...	62	42	0.bc.c.0	0·0	-
Rhyl, to 6 p.m....	67	40	c.0.bc	3·4	-
†Colwyn Bay, to 6 p.m. ...	67	47	b.bc.c	3·3	-
Llandudno, to 9 p.m. ...	64	47	bc.0.bc.c	2·5	-
Bettws-y-Coed, to 6 p.m...					*
Aberystwyth, to 6 p.m. ...	71	45	bc.0.c.bc	2·5	-
Plymouth, to 9 p.m. ...	70	53	bc.bc3	8·7	-
Paignton, to 6 p.m.... ...	60	49	of.c.bc	9·9	-
Torquay, to 6 p.m.	62	51	bc.0	5·8	-
Teignmouth, to 9 p.m. ...	60	51	f.b.bc.b	3·6	-
†Weymouth, to 6 p.m. ...	64	49	g.bc.c3	8·4	-
†Bournemouth, to 6 p.m....	67	49	c.bc.0	8·6	-
Southsea, to 6 p.m.... ...	66	51	b.bc.c.b.0	8·7	-
†Worthing, to 6 p.m. ...	65	51	bc.c	9·5	-
Carnoustie, to 6 p.m.	63	44	b	8·6	-

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
†Brighton, to 6 p.m.	67	51	bc.b.bc	9·5	-
†Seaford, to 6 p.m.	70	49	bc.b.bc.c	9·1	-
†Eastbourne, to 6 p.m. ...	63	52	bc.0	6·8	-
Bexhill-on-Sea, to 9 p.m...	63	53	bc	8·2	-
†Hastings	*	*	*	8·9	*
†Folkestone, to 6 p.m. ...	65	52	b.bc.0	7·3	-
†Deal, to 6 p.m....	62	53	c.bc.op.0	6·8	-
†Ramsgate, to 6 p.m. ...	*	*	*	4·8	-
†Margate, to 6 p.m.	62	55	b.0	4·8	-
†Felixstowe, to 6 p.m. ...	58	53	bc.m.0	6·6	0·13
†Lowestoft, to 6 p.m. ...	57	51	r.0.c.0	8·4	0·02
†Skegness, to 6 p.m.... ...	58	44	bc.c	4·4	-
Scarborough, to 9 p.m. ...	60	49	bc.0.c	4·7	-
†Harrogate, to 6 p.m. ...	64	43	b.bc.0.c	3·0	-
Buxton, to 9 p.m.	64	36	bc.c	5·2	-
Darwen, to 9 p.m.	62	44	og.bc.og	0·1	-
Manchester, to 9 p.m. ...					-
Birmingham, to 9 p.m. ...	65	47	c.0	2·7	-
Douglas, to 6 p.m.	61	45	sv.thr.0	2·0	-

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
			24 Hours ended at 9 a.m. To-day.				
	%	%	°			In.	Hr.
Greenwich (Royal Obsy.) ...	55	62	72	50	bc.0	-	4·2
City (Bunhill Row)	*	*	*	*	*	*	4·0
Westminster (St. James's Pk.	55	70	69	54	bc	-	4·6
Camden Sq. (Brit. Rainfall)	51	65	73	53	bc.c	-	4·9
Hampstead (Reservoir) ...	*	75	68	51	bc.0	-	5·4
			24 Hours ended at 6 P.M. Yesterday.				
South Kensington ...	*	*	71	57	bc.c.0	-	4·5
" " (Roof of M.O.)	52	63	70	58		*	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

1912. May, 1913.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4·6	11·49	7·32
	4·4	11·49	7·34
Greenwich	4·17	11·56	7·35
	4·15	11·56	7·37
Wick	3·57	12·8	8·19
	3·54	12·8	8·22
Valencia...	4·56	12·37	8·18
	4·54	12·37	8·20

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga	-	77	63	b. b
Marseilles	-	82	55	b. m
Malta	-	66	61	- b
Algiers	-	84	61	b. b
Tunis	-	77	55	bc. b
Palermo	-	72	52	b. b

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In	°	°	
Rome...	-	78	54	b. 0
Vienna	0·08	63	54	bc. c
Utrecht	-	64	52	c. m
Zürich	-	*	*	bc. 0
Geneva	-	*	*	b. b
Lugano	-	*	*	bc. b

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.

Sunday, 12th May, 1912.

	STATIONS	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	°				In	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	29.24	44	ENE	9	r	29.58	+.10	42	−5	NW	6	o	5	1.18	47	41	*	or	or	ep.r.
	Stornoway	29.56	49	WNW	5	cp	29.87	+.13	43	−4	N	5	o	4	0.56	51	43	3.2	or.c	ep	c.ep
	Castlebay (Barra Isd.)	29.65	46	WSW	4	bc	29.88	+.10	47	0	N	4	c	4	0.25	52	44	6.2	r.oc	cp bc	bc
	Malin Head... ...	29.71	50	NW	5	bc	29.84	+.05	49	−6	NW	5	bc	3	–	53	47	*	g.c	bc	bem
	Blacksod Point ...	29.78	53	NW	4	o	29.92	+.04	50	−4	NNW	3	o	3	Trace	55	48	*	om.	o	ep
	Valencia	29.77	58	–	0	m	29.89	+.03	51	−5	NE	3	o	3	0.02	62	50	1.7	o.bc	em	ocdm
	Roche's Point ...	29.79	58	SW	3	c	29.89	*	50	−5	NNE	2	o	2	0.03	59	48	*	fm.o	o.c	c.od.o
	Birr Castle	29.75	55	NW	3	o	29.89	*	46	−11	NW	3	c	*	–	65	43	3.3	c	c.o	c
	Donaghadee ...	29.73	51	NW	2	c	29.84	+.03	48	−9	NW	2	bc	1	–	64	44	*	cg	cg.	cg.g.bc
	Liverpool Obsy....	29.74	58	SW	3	o	29.83	+.02	49	−7	WNW	3	o	2	0.05	66	49	4.8	o.bc	bc.o	op
	Holyhead	29.74	52	WSW	5	f	29.84	+.01	49	−3	NW	4	c	3	0.04	54	48	*	f	ogdp	l.c
	Pembroke (St. Ann's Hd.)	29.83	53	SW	4	f	29.81	+.03	50	−2	NNE	4	c	4	Trace	54	50	0.0	ogm	odm	f
	Newquay	29.83	57	SW	1	o	29.78	−.01	54	0	NE	1	of	1	–	61	52	0.5	o.ev	ev	ef
	Scilly (St. Mary's) ...	29.84	57	SW	1	om	29.82	.00	55	+1	–	0	om	2	–	60	53	0.1	cm	om	om
	Jersey (St. Aubin) ...	29.58	62	W	3	egm	29.75	*	61	+2	NNW	3	bm	3	0.01	74	55	9.3	bem	bem	ofdp.b
	Portland Bill ...	29.86	54	WSW	4	bc	29.76	−.03	56	+4	WNW	2	b	2	–	56	51	3.3	c	bc	bc.c.o
	Dungeness	29.83	55	SW	4	c	29.71	−.02	54	−2	N	4	ep	3	Trace	61	51	6.3	cg.f	f.c	c.f.pc
	Dover	29.84	54	SW	4	bc	29.72	*	59	+2	NNE	2	c	2	0.01	64	50	8.3	bem	b.bc.c	ep
	Wick	29.41	48	WNW	6	c	29.70	+.09	43	−3		5	og	5	0.18	55	?	*	orm	bc.o	cg.odm
	Nairn	29.52	51	W	3	c	29.74	*	45	−3	WNW	3	c	2	0.03	58	42	2.5	p	d.c	c
	Aberdeen	29.50	55	W	5	bc	29.71	+.06	48	0	WNW	5	c	2	–	62	42	2.9	op.c	c.bc	bc.b
	Leith	29.59	54	W	3	b	29.74	+.05	50	−9	WSW	3	bc	*	–	63	45	*	c	b	b
	North Shields ...	29.60	62	SW	5	c	29.76	+.01	49	−3	W	4	c	2	0.01	67	43	4.9	c	p	c
	Spurn Head ...	29.67	62	WSW	5	c	29.81	.00	51	−2	NE	2	o	2	–	72	49	*	cm	c.o	o
	Yarmouth	29.70	77	WSW	2	bc	29.79	+.02	57	+5	W	1	c	1	–	81	52	5.0	o.cm	cm.bc	bc.c
	Clacton-on-Sea ...	29.77	68	SW	4	c	29.80	.00	58	+3	W	1	o	0	–	70	55	8.4	bc	bc.c	c.bc.co
	Nottingham... ...	29.75	63	W	5	bc	29.83	*	53	−3	ENE	2	op.	*	Trace	77	53	4.4	o.c.b	b.bc	c.o
	Bath	29.84	60	W	4	c	29.80	*	59	−1	NW	1	o	*	–	70	55	†10.8	–	–	–
	Oxford	29.84	68	SW	3	o	29.81	*	59	−2	NNW	2	o	*	–	77	54	*	b	c	bc
	London (Kew Obsy.)...	29.82	69	WSW	2	bc	29.78		58	0	NNW	1	o	*	Trace	75	55	8.7	om.c.bc	bc	bc.c.oco
ICELAND & FAEROE.	Isafjord	30.13	35	NE	4	b.	29.91	−.03	37	+6	W	4	c	*	*	*	*				
	Reykjavik	29.98	43	N	5	b	29.96	−.02	37	0	–	0	b	*	*	*	*				
	Vestmanna	29.98	47	NNE	1	b	30.00	−.01	42	0	–	0	bc	0	*	*	*				
	Seydisfjord	30.05	35	NW	4	b	29.99	−.03	32	−5	–	0	b	*	*	*	*				
	Thorshavn	29.61	44	ENE	6	r	29.85	+.05	37	−8	NNW	5	c	*	*	*	*				
SCANDINAVIA.	Haparanda	29.67	36	S	2	c	29.58	?	36	−5	SW	2	o	*	–	52	34				
	Hernösand	29.69	49	S	2	c	29.49	−.07	39	−10	–	0	r	*	0.67	57	36				
	Stockholm	29.78	42	SSE	2	o	29.56	−.08	45	+1	SW	2	r	*	–	52	39				
	Wisby	29.78	42	SSE	4	o	29.58	−.07	46	+4	SSE	4	o	*	0.08	50	41				
	Karlstad	29.68	50	–	0	r	29.39	−.06	45	0	SE	2	r	*	0.12	61	43				
	Færder (Christiania Fjord)	29.67	45	SW	5	r	29.39	−.02	49	−3	WSW	6	c	3	0.20	52	48				
	Bodö	29.62	43	W	4	bc	29.49	−.02	45	+4	ENE	2	bc	2	0.20	46	37				
	Christiansund ...	29.61	45	NE	1	c	29.32	−.04	43	−3	NE	1	f	1	0.04	48	43				
	Skudesnaes	29.46	44	S	6	r	29.34	−.04	44	0	SW	8	o	5	0.39	45	43				
	The Scaw (Skagen)...	29.71	47	S	6	r	29.52	+.02	50	0	WSW	4	o	1	0.55	52	45				
	Blaavands Huk ...	29.62	53	S	4	o	29.69	+.04	50	+2	WSW	2	m	1	Trace	52	46				
GERMANY, &c.	Cuxhaven	29.71	60	S	4	o	29.75	−.03	60	+9	W	2	c	*	–	63	51				
	The Helder	29.73	57	SW	5	o	29.77	+.01	59	+6	S	1	c	*	–	73	52				
	Brussels	29.87	71	W	3	c	29.89	+.02	65	+5	W	4	o	*	–	82	60				
	Berlin	29.93	59	S	2	o	29.84	+.06	64	+18	SW	4	o	*	–	64	?46				
	Frankfurt	29.88	67	S	1	b	29.88	.00	68	+8	SW	1	bc	*	–	77	55				
	Munich	30.08	62	S	4	bc	30.01	−.01	66	+8	SW	4	bc	*	–	70	55				
FRANCE.	C. Gris Nez	29.87	53	SSW	3	f	29.80	+.04	55	−9	N	2	o	2	Trace	70	52				
	La Hève	29.93	57	NNE	1	bc	29.78	*	60	−6	ENE	2	fr	1	–	81	55				
	Brest (St. Mathieu) ...	29.88	62	NE	2	bc	29.77	−.01	55	−1	NE	2	bc	2	–	64	54				
	Lorient (Ile de Melen)...	29.82	69	E	2	bc	29.68	*	64	+5	NE	3	b	2	0.39	75	54				
	Rochefort (Ile d'Aix)	29.88	80	E	2	o	29.80	*	67	+3	SSE	3	c	*	–	88	63				
	Biarritz	29.89	90	E	2	bc	29.88	*	84	+12	SSW	3	b	o	–	97	72				
	Paris	29.95	75	SW	2	bc	29.84	+.01	67	+2	SSE	1	c	*	–	85	61				
	Belfort	30.02	77	W	4	m	29.97	*	70	+9	–	0	m	*	–	82	60				
	Lyons	30.04	79	ESE	4	bc	30.02	*	66	−5	S	5	o	*	–	87	58				
	Nice	30.13	57	–	0	bc	30.23	+.03	56	+1	–	0	f	1	–	64	54				
	Perpignan	30.05	64	NE	2	bc	30.15	+.03	58	−12	E	1	r	*	0.04	85	57				
	Sanguinaire							*													
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.) ...	29.96	60	WNW	2	f	29.99	+.04	57	−5	WNW	6	o	3	–	63	54				
	Lisbon (8 a.m.) ...	29.91	68	S	1	b	30.04	+.04	63	−10	NW	2	bc	5	–	86	61				
	Gibraltar	29.93	69	E	1	b	29.96	*	65	−3	E	1	b	*	–	*	*				
	Azores (P. Delgada)	30.20	56	NNW	4	b	30.21	+.02	55	−1	N	5	c	4	0.04	61	54				
	Azores (Horta) ..	30.30	57	–	0	o	30.32	+.03	57	+3	NNW	4	c	4	–	63	54				
	Madeira (Funchal) ...	30.06	69	N	2	o	30.17	+.02	67	−4	N	2	o	2	–	72	57				

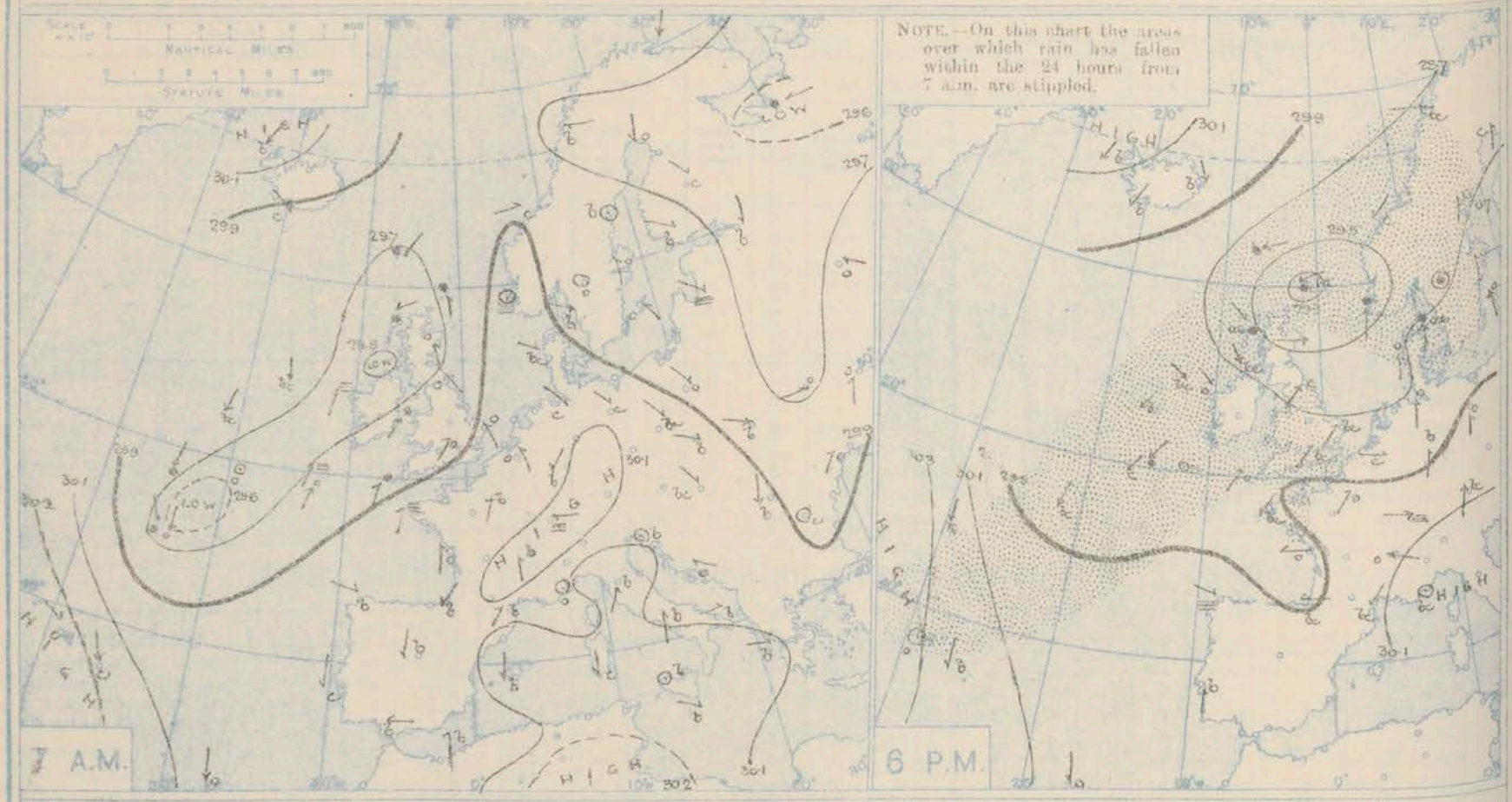
DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

Lerwick Noon – 1 p.m. Extreme E.N.E. 9.

* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to between 75° and 80° in many parts of Eastern, Central and Southeastern England, to 81° at Camden Square and Yarmouth, and to 83° at Greenwich. The amount of bright sunshine was generally rather small, but more than 9 hours were recorded in the London district, and more than 10 hours at Bath and Felixstowe. Slight rain has fallen in various parts of the country and a large amount (1·2in.) at Berwick. Wireless reports show that between the 15th and 29th meridians ships experienced strong to high winds from the N. or N.E., and rather changeable weather, with rain and thunder in places.

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.

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

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

No Warnings issued.

6 {a, b}

7 {a, b}

8 {a, b}

9 {a, b}

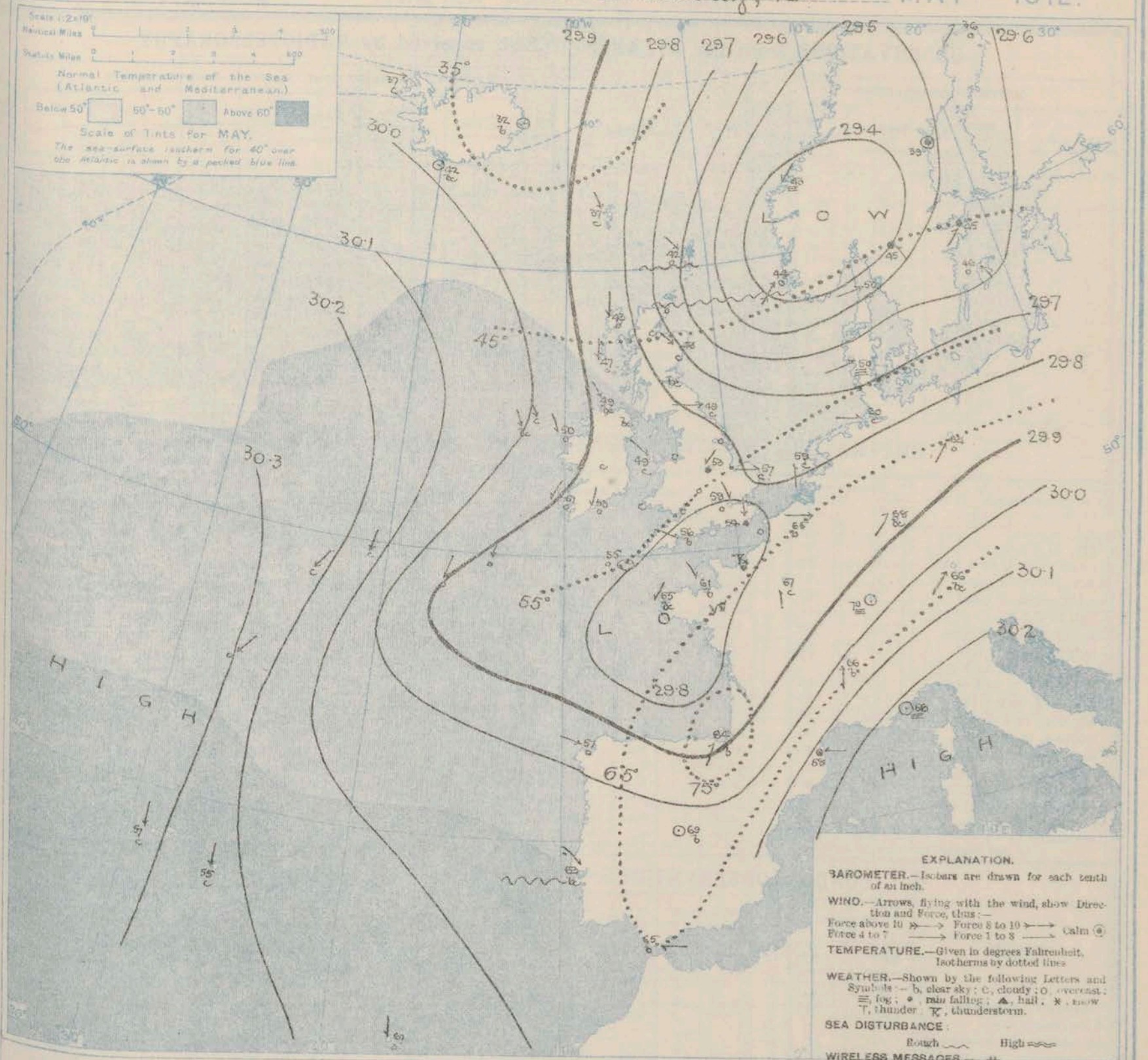
10 {a, b}

11 WESTERN CHANNEL AND BAY.

None issued.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Sunday, 12th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression noticed yesterday off our extreme northwest coasts has travelled northeastward, and is now passing across Scandinavia. A shallow secondary disturbance has in the meantime been developed over France and the south of England and in London the barometer is fluctuating violently. Pressure is highest over the Azores region.

The wind is light to moderate from the N.ly or N.W.ly over the greater part of the United Kingdom, but is W.ly or S.W.ly on the eastern side of the North Sea, with a gale at Shoeburyness. In France it is chiefly S.ly. Temperature has fallen over these islands generally, but has risen at most of the Continental stations. In the south and east of England the morning readings range between 55° and 59°, but over Ireland and North Britain they are mostly below 50°, and in the north of Scotland they are below 45°. In many parts of France, Spain and Germany the thermometer is above 65°, and at Biarritz it is as high as 84°. The weather is fair or fine over Western Europe as a whole, but showers are falling in isolated parts of England, and a thunderstorm is in progress at Le Havre. Rain is falling in Sweden. The sea is slight or smooth generally, but rather rough off the north of Scotland.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

DAILY WEATHER REPORT. Sunday, 12th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	In.					°	°	In.				°	°	°	
12 May. 4 a.m.	48	18	29.86	NNE	1-3	Finland.	12 May. 7 a.m.	48	17	29.86	NNE	4-5	o	–	–	–	–
" " "	54	13	?30.04	N	4-5	Caledonia	" " "	54	11	?30.06	NNW	4-5	bc	–	–	–	–
" " "	55	10	?29.55	NW	6-7	Cameronia	" " "	55	11	?29.68	NNW	6-7	c	–	–	–	–
11 " 3 p.m.	55	11	29.68	NW	4-5	Victorian	11 " 6 p.m.	55	13	29.72	NW	6-7	bc	–	–	–	–
" " "	50	15	29.83	NNE	4-5	Cymric	" " "	50	16	29.85	NNE	4-5	r	–	–	–	–
" " "	50	17	29.77	NE	4-5	Celtic	" " "	49	18	29.85	NE	4-5	o	–	–	–	–
" " "	47	22	29.72	NNE	6-7	Minnetonka	" " "	47	21	29.73	NNE	6-7	bc	–	–	–	–
" " "	47	22	29.69	N	6-7	Finland	" " "	47	21	29.74	NNE	4-5	bc	–	–	–	–
" " 4 a.m.	52	22	?29.90	NE	6-7	Caledonia	" " 7 a.m.	52	20	?29.95	NNE	4-5	bc	–	–	–	–
" " "	51	11	29.86	SSW	4-5	Cymric	" " "	49	13	29.77	SSW	4-5	o	–	–	–	–
" " "	46	25	29.61	WNW	10-11	Minnetonka	" " "	46	24	29.57	N	10-11	o	–	–	–	–
" " "	46	25	29.79	NNW	8-9	Finland	" " "	46	24	29.72	NNW	8-9	r	–	–	–	–

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Douglas, to 6 p.m.	57	50	c.o.df.bc	1.2	0.06
Oban, to 6 p.m.	57	50	–	2.1	0.31
Dublin (City), to 4 p.m....	69	54	c.oqp.bc.au	*	0.01
Blackpool, to 9 p.m. ...	64	51	o.c.or.o	1.8	0.12
Southport, to 9 p.m. ...	66	53	o.or.bc.or	3.1	0.04
Rhyl, to 6 p.m....	64	51	bc.o.bc	5.0	–
†Colwyn Bay, to 6 p.m. ...	67	58	bc.b	4.6	–
Llandudno, to 9 p.m. ...	68	55	c.bc.o	6.2	–
Bettws-y-Coed, to 6 p.m...					*
Aberystwyth, to 6 p.m. ...	65	55	c.o.bc.oc	0.5	–
Plymouth, to 9 p.m. ...	63	54	bc.o.op.bc	2.6	–
Paignton, to 6 p.m.... ...	60	50	o.bc.o	3.9	–
Torquay, to 6 p.m.	64	54	ov.bc.c	4.8	–
Teignmouth, to 9 p.m. ...	71	54	c.bc	6.2	–
†Weymouth, to 6 p.m. ...	62	53	cy.by.bc.c	3.3	–
†Bournemouth, to 6 p.m....	62	55	m.o.c.bc.b	8.6	–
†Southsea, to 6 p.m.... ...				9.3	
†Worthing, to 6 p.m. ...	60	56	c.b	5.5	–
Carnoustie, to 6 p.m.	64	48	o.c	5.4	0.03

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
†Brighton, to 6 p.m.	59	55	*	3.1	–
†Seaford, to 6 p.m.	60	54	bc.b.f.b	3.1	–
Eastbourne, to 6 p.m. ...	61	54	*	8.2	–
Bexhill-on-Sea, to 9 p.m...	63	55	–	8.7	*
†Hastings	*	*	*	8.8	–
†Folkestone, to 6 p.m. ...	61	53	bc.m.b.bc	7.8	–
†Deal, to 6 p.m....	72	52	c.bc.c	4.0	–
†Ramsgate, to 6 p.m. ...	*	*	*	6.5	–
†Margate, to 6 p.m.	77	51	b.o.b.o	4.3	–
†Felixstowe, to 6 p.m. ...	74	51	bcf.bcg	10.2	–
†Lowestoft, to 6 p.m. ...					–
†Skegness, to 6 p.m.... ...	79	45	b.c.bc	3.8	–
Scarborough, to 9 p.m. ...	74	50	o.c	5.8	–
Harrogate, to 6 p.m. ...	71	50	c.o.b.bc	4.6	–
Buxton, to 9 p.m.	68	49	bc.o.bc	2.9	0.01
Darwen, to 9 p.m.	68	52	oru.bc.oru	1.5	trace
Manchester, to 9 p.m. ...	71	55	o.r.bc.o	2.2	–
Birmingham, to 9 p.m. ...	74	51	c.o	5.7	

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
	%	%				In.	Hr.
24 Hours ended at 9 A.M. To-Day.							
Greenwich (Royal Obsy.) ...	37	69	83	56	b. bc. c.o. b	–	9.4
City (Bunhill Row)	*	*	*	*	*	*	8.4
Westminster (St. James's Pk.	48	70	78	57	bc	–	9.0
Camden Sq. (Brit. Rainfall)	42	65	81	55	bc.b	–	8.0
Hampstead (Reservoir) ...	*	50	77	53	bc	–	9.2
24 Hours ended at 6 P.M. Yesterday.							
South Kensington ...	*	*	79	54	b.c.bc.c	–	7.6
" " (Roof of M.O.)	43	69	79	55		*	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

12th May, 1912.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.4	11.49	7.34
	4.2	11.49	7.36
Greenwich	4.15	11.56	7.37
	4.13	11.56	7.39
Wick	3.54	12.8	8.22
	3.52	12.8	8.25
Valencia...	4.54	12.37	8.20
	4.52	12.37	8.23

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga	–	82	66	b. b
Marseilles	–	82	54	b. bc
Malta	–	68	59	– b
Algiers	–	79	64	b. b
Tunis	–	79	57	b. b
Palermo	–	74	49	b. c

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In	°	°	
Rome...	–	71	59	b. b
Vienna	–	66	54	c. b
Utrecht	–	68	57	c. o
Zürich	0.24	*	*	r. c
Geneva	–	*	*	b. b
Lugano	–	*	*	b. b

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday, 13th May, 1912.

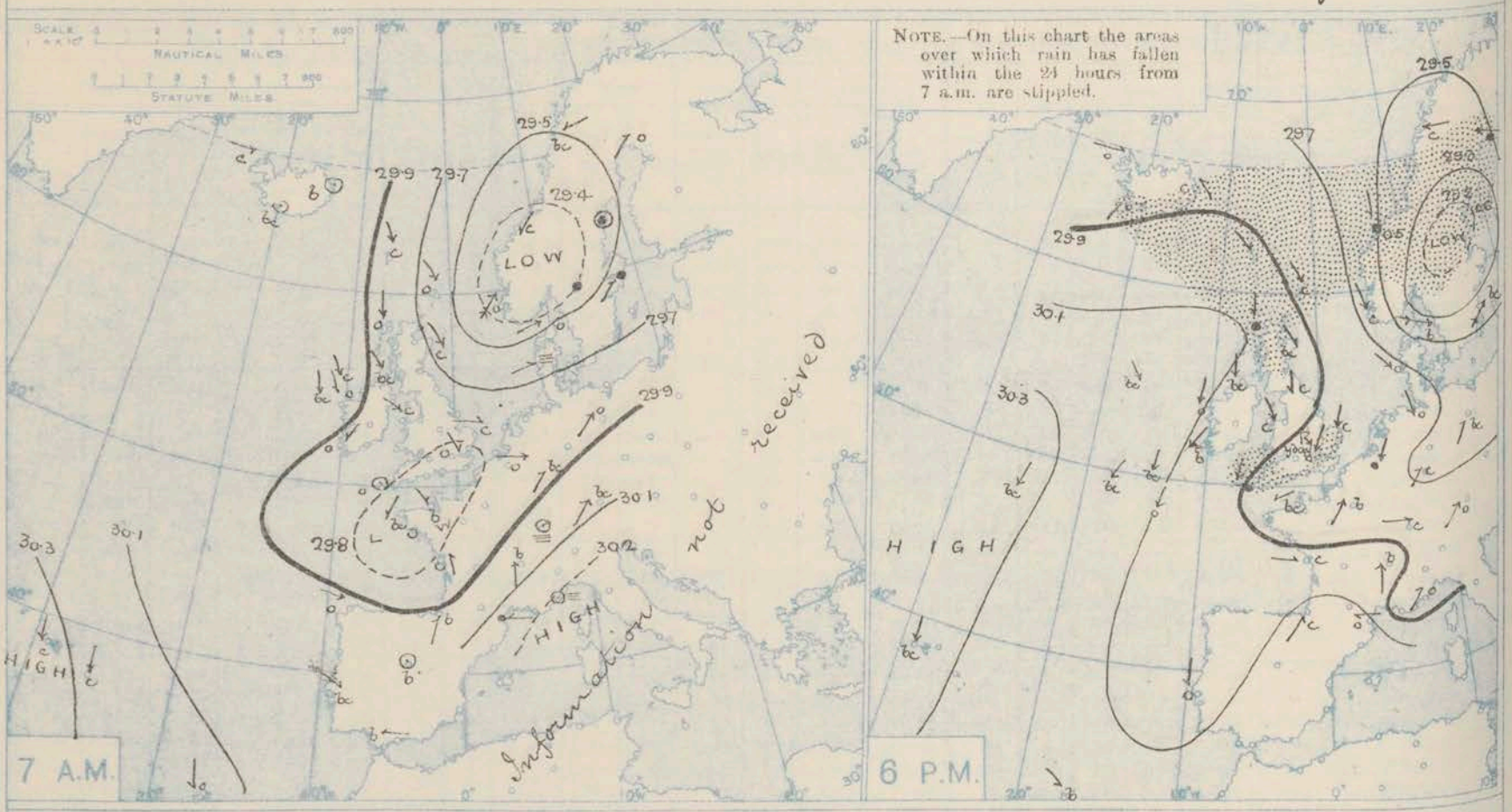
	STATIONS.	YESTERDAY EVENING. Baron. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Temp. Dry Bulb.	Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather Morn. 7 a.m. to 1 p.m.	Weather Aftern. 1 p.m. to 6 p.m.	Weather Night 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	29.80	43	NW	5	c	29.97	+.02	44	+2	NW	4	c	3	0.03	44	38	*	cpq	bcpq	bc
	Stornoway	30.08	44	N	4	cp.	30.10	-.02	45	+2	WSW	3	o	3	0.02	47	37	3.5	ocp	bcp	c.o
	Castlebay (Barra isd.)	30.08	47	NW	4	c	30.14	.00	45	-2	W	3	c	2	–	49	38	10.3	c.o.bcq	bcq.o.c	c.bc
	Malin Head	30.07	46	N	4	bcq	30.17	.00	44	-5	–	0	c	2	–	50	42	*	bcq	bcq	bc
	Blacksod Point	30.07	52	NNE	5	o	30.17	+.01	47	-3	S	1	o	3	–	54	43	*	om	om	om
	Valencia	30.02	56	NE	4	b	30.18	+.01	49	-2	–	0	b	3	–	58	44	9.2	c.b.	c.b	q.b.
	Roche's Point	30.00	54	SSE	2	b.	30.20	*	49	-1	NE	1	c	1	–	60	42	*	o.c	c.bc.b	bc
	Birr Castle	29.97	62	NNE	3	c	30.28	*	39	-7	N	2	b	*	–	65	33	6.4	c	c	bx
	Donaghadee	30.00	50	NNE	4	b	30.16	+.04	46	-4	WNW	2	b	3	–	55	39	–	b	bc	b
	Liverpool Obsy.	29.92	51	WNW	3	c	30.15	+.04	48	-1	SSW	1	o	1	–	54	44	6.1	o.bc	bc	o
	Holyhead	29.94	51	NNW	4	c	30.16	+.02	48	-1	N	3	b	2	–	55	46	*	c	b	b
	Pembroke (St. Ann's Hd.)	29.95	50	NNE	3	c	30.12	+.04	49	-1	NNE	3	b	2	0.13	61	45	0.8	cq	oqr	c
	Newquay	29.87	53	N	6	o	30.10	+.04	52	-2	–	0	o	2	Trace	56	49	2.0	o.f.c	bc.o	ouf.o.
	Scilly (St. Mary's)	29.88	48	NNE	5	ctm.	30.10	+.03	51	-4	NE	3	cm	3	0.06	57	47	0.0	om	omf	omr
	Jersey (St. Aubin)	29.76	65	ENE	3	bcm	30.09	*	55	+6	E	4	ogm	3	–	74	53	11.3	bcm	bcm	ogm
	Portland Bill	29.76	63	NNE	4	c	30.12	+.04	51	-5	NE	2	c	3	0.33	68	48	?	bc	c	cf.oc
	Dungeness	29.78	55	NE	6	c	30.12	+.06	54	0	N	4	bc	4	–	66	49	5.8	cq	c	cq
	Dover	?29.82	51	NNE	6	o	30.14	*	50	-9	NNE	4	bc	3	–	69	46	5.9	c.bc.b	b.bc.m	omz.bc
	Wick	29.95	43	NNW	5	c	30.06	+.01	44	+1	WNW	2	bc	2	Trace	46	?	*	oqzp	cq	cp.bc
	Nairn	30.00	46	WNW	2	bc	30.10	*	42	-3	W	2	bc	2	0.02	50	39	6.7	b	b	bc
	Aberdeen	29.96	47	NW	4	bc	30.10	+.02	45	-3	WNW	4	b	2	–	51	38	4.3	c.bc	c.bc	bc.b.
	Leith	29.92	52	NE	2	c	30.13	+.05	44	-6	NE	2	c	*	0.02	55	40	*	bc.cp	cp.	bc
	North Shields	29.96	50	N	3	c	30.14	+.02	46	-3	–	0	c	2	–	59	40	10.1	c	c	c
	Spurn Head	29.88	50	NE	4	c	30.17	+.03	48	-3	NNE	2	bc	3	–	59	43	*	bc	bcr	bc
	Yarmouth	29.85	52	NNE	4	c	30.17	+.10	49	-5	NNW	2	c	2	0.04	62	45	5.0	c.bc	bc.c	cp
	Clacton-on-Sea	29.82	54	ENE	5	c	30.16	+.09	50	-5	NNE	2	b	2	0.10	66	45	7.9	o.bc.c	cm	cbr.c
	Nottingham	29.86	55	ENE	3	c	30.16	*	49	-4	SE	1	bc		–	62	41	2.4	o.c	o.c	c.o
	Bath	29.85	57	NNE	2	o	30.15	*	52	-7	ENE	1	b	*	–	65	46	1.5	–	–	–
	Oxford	29.82	52	N	4	bc	30.18	*	53	-6	ENE	2	b	*	–	64	45	*	o.c	o.cbr	c.bq.b.
	London (Kew Obsy.)	29.82	59	NNE	4	ow	30.16	+.07	50	-8	NE	2	ow	*	0.16	68	48	6.1	c.o.c	cm.bro	or.om
ICELAND & FAEROE.	Isafjord	29.71	43	W	2	o	29.21	-.12	45	+8	SW	4	o	*	*	*	*				
	Reykjavik	29.78	49	SE	5	o	29.31	-.06	45	+8	S	5	r	*	*	*	*				
	Vestmanna	29.89	NW	SW	3	o	29.42	-.09	43	+1	S	2	r	o	*	*	*				
	Seydisfjord	29.85	45	SE	1	c	29.52	-.10	39	+7	NNE	1	r	*	*	*	*				
	Thorshavn	29.93	47	NW	5	c	29.87	-.02	44	+7	SW	4	c	*	*	*	*				
SCANDINAVIA.	Haparanda	29.50	39	ESE	4	r	29.35	-.014	41	+5	NE	4	f	*	0.12	43	36				
	Hernösand	29.19	37	–	0	o	29.13	+.01	41	+2	N	2	r	*	0.59	46	34				
	Stockholm													*							
	Wisby	29.36	50	SW	8	bc	29.20	-.05	46	0	SW	6	bc	*	–	54	41				
	Karlstad	29.22	46	WNW	4	bc	29.28	+.02	47	+2	NNW	8	r	*	0.04	54	41				
	Færder (X'tania Fjord)	29.28	51	W	6	b	29.43	+.04	51	+2	NW	6	b	3	–	51	45				
	Bodö	29.38	45	E	4	c	29.41	+.02	45	0	NNE	2	b	1	–	52	41				
	Christiansund	29.46	42	N	3	r	29.66	+.05	41	-2	N	4	r	2	0.51	43	41				
	Skudesnaes	29.67	41	NNW	6	c	29.78	-.04	44	0	NNW	8	c	3	–	45	39				
	The Scaw (Skagen)	29.45	45	WNW	9	b	29.49	+.03	49	-1	WNW	6	c	2	–	52	41				
	Blaavands Huk	29.73	47	NW	4	o	29.78	+.03	45	-5	NW	7	c	5	Trace	52	41				
GERMANY, &c.	Cuxhaven	29.77	50	NNW	4	o	29.91	+.04	49	-11	NW	5	c	*	–	64	45				
	The Helder																				
	Brussels	29.82	55	NNE	5	r	30.11	+.08	51	-14	NNE	3	o	*	–	87	49				
	Berlin	29.63	68	SW	1	bc	29.82	+.02	49	-15	NW	4	o	*	0.39	77	48				
	Frankfurt	29.64	77	SW	3	b	29.95	+.09	57	-11	NE	2	o	*	–	86	57				
	Munich	29.84	74	SW	4	b	29.93	+.05	71	+5	SW	6	o	*	–	84	66				
FRANCE.	C. Gris Nez	29.80	52	NNE	6	c	30.12	+.08	51	-4	NNE	4	bc	3	Trace	66	48				
	La Hève	29.82	62	NNE	2	m	30.04	*	55	-5	NE	1	o	1	–	79	52				
	Brest (St. Mathieu)	29.91	56	NW	3	c	30.12	+.04	55	0	SW	1	bc	2	–	77	54				
	Lorient (Bec Meien)							*													
	Rochefort (Ile d' Aix)	29.99	62	W	3	c	30.12	*	60	-7	NW	1	o	*	–	81	57				
	Biarritz	30.11	64	SW	3	c	30.10	*	59	-25	E	3	o	2	–	91	55				
	Paris	29.76	81	WSW	4	c	30.08	+.04	62	-5	WSW	2	b	*	–	90	?56				
	Belfort	29.87	79	W	6	c	30.09	*	65	-5	W	6	m	*	–	87	63				
	Lyons	29.96	77	S	5	b	30.14	*	63	-3	SW	1	b	*	–	84	56				
	Nice	29.82	59	SW	1	o	30.22	.00	56	0	E	1	f	1	–	68	55				
	Perpignan	30.15	59	E	2	o	30.18	+.02	61	+3	–	0	c	*	0.04	63	57				
	Sanguinaire	30.10	63	N	2	m	30.12	*	61		SE	1	m	2	–	70	55				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)																				
	Lisbon (9 a.m.)	30.04	60	N	3	o	30.07	+.02	62	-1	W	1	o	6	–	72	59				
	Gibraltar	29.96	69	E	1	b	29.97	*	68	+3	E	1	o	*	–	*	*				
	Azores (P. Delgada)																				
	Azores (Horta)	30.39	58	N	4	bc	30.39	+.01	58	+1	N	3	bc	3	–	63	55				
	Madeira (Funchal)	30.14	64	NW	2	b	30.09	-.01	66	-1	NW	2	bc	2	–	70	50				

DURATION AND EXTREME FORCE OF GALES 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 May.



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature touched 74° at Brighton and Jersey, and exceeded 70° at a few other southern stations, while in the north the maxima were below 50°. In the night a minimum of 33° in the shade was registered in Central Ireland. Thunderstorms occurred locally in the southern districts, accompanied by slight falls of rain. The duration of bright sunshine was exceedingly variable, Scilly had none and Oban over 12 hours. As far west as the 26th meridian ships experienced moderate to strong winds between N.W. and N.E., with fine to dull weather, rain locally.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON Monday TO NOON Tuesday.

0 {a, b} 1 — W.ly and S.W.ly breezes, freshening somewhat; fair or fine to dull, some showers; moderate temperature.

2 {a, b} 3 4 {a, b} 5 — Light breezes between N. and E.; generally fair or fine, local mist; cool, ground frost at night.

FORECAST DISTRICTS.

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.

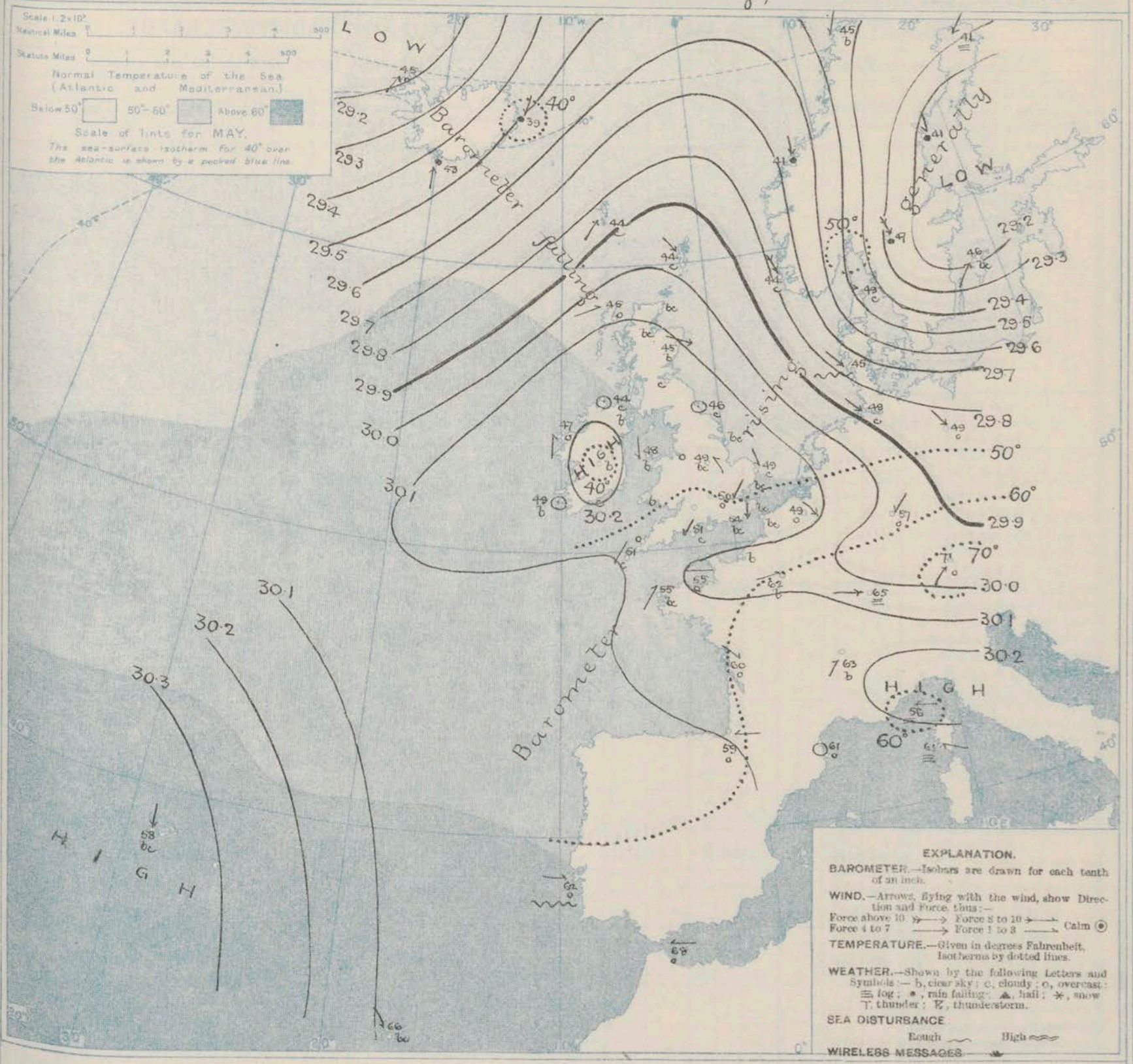
7 {a, b} 8 {a, b} — Same as Nos. 2 to 5.

9 {a, b} 10 {a, b} — Calms and light variable breezes; fine generally; cool, some ground frost inland.

11 WESTERN CHANNEL AND BAY. Light to moderate N.E.ly to S.E.ly breezes; sea slight or smooth; cloudy to fine, local mist; cool.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Monday, 13th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

In the course of the past night a high pressure system has moved in from the Atlantic, and its centre, with the barometer above 30.2 in., now covers Iceland. Over the Azores the barometer is at 30.4 in. In a depression over Sweden pressure is down to 29.1 in., and in another between Iceland and Greenland it is 29.2 in. There is a considerable gradient about Scandinavia and Iceland, elsewhere it is very slight.

The winds circulate round the various pressure systems, the Northerly current beyond the North Sea being strong to a gale in force, but in other regions the force is moderate to very light from all directions. Temperature has fallen over Western Europe generally. At the home stations the values range from 39° at Bin Castle to 55° at Jersey; over Western Europe from 49° at Berlin and Cuxhaven to 71° at Munich; in Scandinavia from 41° to 51°; in Iceland from 39° to 45°. Rain is falling in various parts of Scandinavia and Iceland otherwise fair to very fine weather prevails extensively. The sea is rather rough on the Danish coast, elsewhere it is slight to smooth.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The northern districts will be affected to some extent by a disturbance between Iceland and Greenland, but over the country generally the conditions will be of an anticyclonic type.

DAILY WEATHER REPORT. Monday, 13th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	In.					°	°	In.				°	°	°	
12th May, 3 p.m.	49	16	30·06	NNE	4-5	Lake Michigan	12th May, 6 p.m.	49	17	30·15	NE	4-5	bc	–	–	–	–
" " "	48	24	30·33	NNE	4-5	Lucania	" " "	48	25	30·35	NNE	4-5	bc	–	–	–	–
" " "	50	12	30·05	NNE	4-5	Mauretania	" " "	50	14	30·14	NNE	4-5	bc	–	–	–	–
" " "	54	15	29·96	N	4-5	Laurentic	" " "	54	17	29·97	NW	1-3	bc	–	–	–	–
" " "	48	14	29·99	NNE	6-7	Minnetonka	" " "	48	13	30·01	NNE	6-7	o	–	–	–	–
" " "	48	14	29·96	NNE	6-7	Finland	" " "	49	13	30·01	NE	4-5	o	–	–	–	–
" " 4 a.m.	48	17	29·93	NNE	4-5	Minnetonka	" " 7 a.m.	?48	17	29·91	NNE	6-7	o	–	–	–	–
" " "	48	18	29·86	NNE	1-3	Finland	" " "	48	17	29·86	NNE	4-5	o	–	–	–	–
" " "	49	13	29·82	NNE	4-5	Lake Michigan	" " "	49	14	29·89	NNE	6-7	r	–	–	–	–
" " "	55	10	?	NW	6-7	Cameronia	" " "	55	11	?	NNW	6-7	c	–	–	–	–
" " "	54	13	?30·04	N	4-5	Caledonia	" " "	54	11	?30·06	NNW	4-5	bc	–	–	–	–

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min	Weather.	Sunshine.	Rainfall.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.		°	°		Hr.	In.
Oban, to 6 p.m.	55	46		13·2	0·16	† Brighton, to 6 p.m.	74	53	bc.o.bc.	5·9	–
Dublin (City), to 4 p.m. ...	60	49	o.p.bc.c	*	0·01	† Seaford, to 6 p.m.					
Blackpool, to 9 p.m. ...	55	49	c.bc.	11·1	0·01	† Eastbourne, to 6 p.m. ...	66	52	bc.b.	6·1	0·02
Southport, to 9 p.m. ...	?	53	o.b.bc.b.		–	Bexhill-on-Sea, to 9 p.m. ...	69	52	c.b.bc.o	6·2	0·01
†Rhyl, to 6 p.m.	55	49	bc.c.bc	7·0	–	† Hastings	*	*	*	6·3	*
†Colwyn Bay, to 6 p.m. ...	56	48	bc.b.c.	6·4	0·06	† Folkestone, to 6 p.m. ...	71	51	bc.p.bc.o.c	5·8	–
Llandudno, to 9 p.m. ...	58	49	c.b.c	8·3	–	† Deal, to 6 p.m.	65	52	op.bc.c	5·5	0·01
Bettws-y-Coed, to 6 p.m. ...					*	† Ramsgate, to 6 p.m. ...	*	*	*	5·0	–
Aberystwyth, to 6 p.m. ...	57	51	bap.cw	1·2	0·03	† Margate, to 6 p.m.	64	51	b.u.b.o	5·0	–
Plymouth, to 9 p.m. ...	47	54	cp.o.cb.u	3·3	–	† Felixstowe, to 6 p.m. ...			*		
Paignton, to 6 p.m.	66	54	bc	5·2	–	† Lowestoft, to 6 p.m. ...	63	49	c.o.c.tb.bc	4·8	–
Torquay, to 6 p.m.	66	56	bc.ob.	6·6	–	† Skegness, to 6 p.m.	56	43	o	1·8	–
Teignmouth, to 9 p.m. ...	66	55	bc.bc.b	4·3	–	Scarborough, to 9 p.m. ...	61	51	o.c.o.bc	5·3	–
†Weymouth, to 6 p.m. ...	70	53	bc.b.c.b.	7·6	0·01	† Harrogate, to 6 p.m. ...	60	47	c.bc.c	5·2	–
†Bournemouth, to 6 p.m. ...	71	53	c.bc.o	7·3	–	Buxton, to 9 p.m.	56	46	bc	2·3	
Southsea, to 6 p.m.	72	54	o.c.o.bbc	5·7	–	Darwen, to 9 p.m.					
†Worthing, to 6 p.m. ...	73	53	c.b.o.tr.	6·1	0·04	Manchester, to 9 p.m. ...					
Carmarthen, to 6 p.m.	57	42	o.bc	9·5	–	Birmingham, to 9 p.m. ...					

† At this Station the amount of Bright Sunshine is for the whole day.

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
			24 Hours ended at 9 a.m. To-day.				
	%	%	°	°		In.	Hr.
Greenwich (Royal Obsy.) ...	63	71	72	47	b.o.c.rhtl.v.bc.	0·29	5·0
City (Bunhill Row)	*	*	*	*	*	*	6·5
Westminster (St. James's Pk.)	70	75	69	49	bc.cr.bc.	0·14	6·5
Camden Sq. (Brit. Rainfall)	*	67	72	47	b.bap.or.b.	0·15	5·6
Hampstead (Reservoir) ...	*	72	67	45	bc.rtl.bc.	0·16	7·2
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	70	57	}	0·05	} 4·6
" " (Roof of M.O.)	*	70	70	57	}	*	}

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

13th & 14th May, 1912.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4·2 / 4·0	11·49 / 11·49	7·36 / 7·38
Greenwich	4·13 / 4·12	11·56 / 11·56	7·39 / 7·40
Wick	3·52 / 3·50	12·8 / 12·8	8·25 / 8·27
Valencia...	4·52 / 4·50	12·37 / 12·37	8·22 / 8·24

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.	STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°			In.	°	°	
Malaga					Rome...				
Marseilles					Vienna				
Malta		Not received.			Utrecht		Not received.		
Algiers					Zürich		*	*	
Tunis					Geneva		*	*	
Palermo					Lugano		*	*	

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday 14th May 1912.

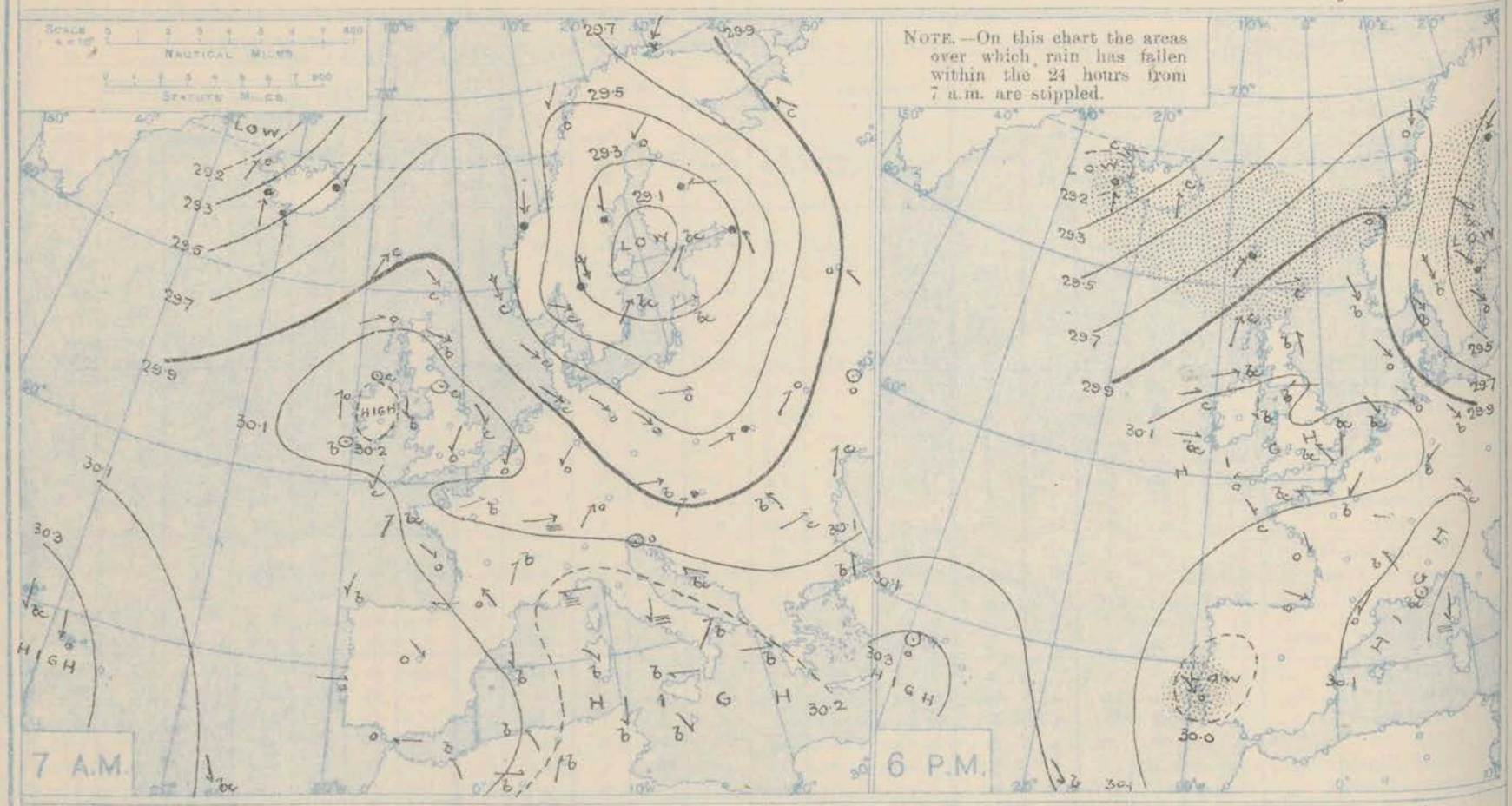
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Weather. Aftern'n 1 p.m. to 6 p.m.	Weather. Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	29.96	48	WSW	3	c	29.83	-.03	48	+4	SSW	2	bc	2	0.01	51	43	*	cm	bc	bc.
	Stornoway	30.02	50	SSW	5	cq	29.79	-.05	49	+4	SW	6	o	5	0.04	53	44	4.6	o.bcp	cq	c.oq
	Castlebay (Barra Isd.)	30.05	48	SW	4	bc	29.83	-.04	50	+5	SSW	5	o	4	–	50	44	11.8	c.bc	c.bc	bc.o
	Malin Head	30.07	50	WSW	4	bcq	29.88	-.08	48	+4	SSW	4	cqq	3	–	52	?44	*	bc	bcq	bcq
	Blacksod Point	30.10	48	WSW	3	c	29.88	-.04	53	+6	SSW	4	o	3	–	55	46	*	ow	c	o
	Valencia	30.12	56	W	1	bc	29.98	-.02	50	+1	–	0	bc	3	–	58	45	12.0	bc	bc	bc.
	Roche's Point	30.15	54	S	3	b	30.02	*	47	-2	N	1	f	2	–	55	42	*	b	b	c.b.f
	Birr Castle	30.11	59	ESE	2	c	29.97	*	50	+11	ESE	2	bc	*	–	59	38	11.6	bc	c	bc
	Donaghadee	30.13	48	NE	3	b	30.01	-.01	45	+1	SW	2	bc	1	–	50	41	*	bc	b	bcq
	Liverpool Obsy.	30.14	51	NW	2	b	30.05	-.02	47	-1	SE	2	o	1	–	54	43	8.7	o.bc	b	o
	Holyhead	30.14	49	N	1	b	30.03	-.03	54	+6	SE	1	bc	1	–	56	41	*	b	b	bcm
	Pembroke (St. Ann's Hd.)	30.12	50	NW	3	b	30.00	-.03	52	+3	NE	2	c	1	Trace	58	47	13.9	bc	bc	bc
	Newquay	30.12	53	SE	1	og	29.97	-.04	52	0	–	0	oq	1	–	58	45	0.1	o	o	o
	Scilly (St. Mary's)	30.11	55	E	2	om	30.00	-.05	52	+1	SE	1	cm	2	–	61	49	3.8	cm	cm	cm
	Jersey (St. Aubin)	30.10	61	E	3	bcm	29.97	*	58	+3	E	2	cm	2	–	63	52	2.8	ogm	o.c.bcm	bmcm.
	Portland Bill	30.13	53	ENE	3	c	29.99	-.04	54	+3	ENE	4	b	3	–	55	49	?	bc	bc.c	bc.c
	Dungeness	30.13	52	E	5	bc	30.06	+.02	56	+2	ESE	3	bc	3	–	57	51	12.6	bc	bc	bc.b.
	Dover	30.20	50	NE	3	b	30.09	*	53	+3	SE	2	b	4	–	56	49	12.9	bc.c.b	bv	bw.b.
	Wick	30.04	50	W	1	c	29.87	-.04	46	+2	S	3	bc	2	Trace	51	?	*	bc.c	cp	b
	Nairn	30.02	56	W	1	bc	29.86	*	50	+8	WSW	2	bc	1	–	58	36	12.4	b	b	b
	Aberdeen	30.06	48	SSE	4	b	29.93	-.01	47	+2	SSW	1	b	2	–	55	36	14.3	b	b	b
	Leith	30.08	53	NE	1	b	29.96	-.02	49	+5	SW	2	c	*	–	55	42	*	c.bc	c.bc	c.bc
	North Shields	30.11	49	E	3	b	30.04	-.01	45	-1	SSW	2	m	2	–	53	37	11.0	c	b	c
	Spurn Head	30.09	52	SSE	5	bc	30.05	.00	51	+3	S	2	cm	4	–	54	45	*	bc	bc	bc
	Yarmouth	30.20	52	S	2	bc	30.10	-.02	53	+4	S	2	b	2	–	55	46	14.1	c.bc	bc	bc.b
	Clacton-on-Sea	30.19	52	ESE	3	b	30.11	-.02	54	+4	SE	2	b	2	–	54	50	14.3	b	b	b
	Nottingham	30.10	63	SW	1	b	30.06	*	47	-2	SW	1	om	*	–	64	46	10.0	bc.c	c.b.	b.
	Bath	30.13	61	S	2	o	30.03	*	53	+1	E	1	bc	*	–	65	43	8.3	–	–	–
	Oxford	30.14	59	S	2	o	30.05	*	57	+4	SE	2	bc	*	–	64	46	*	b.bc.c	b.o	o.bc.
	London (Kew Obsy.)	30.14	61	SE	3	bc	30.07	-.01	56	+6	SE	1	o	*	–	64	47	8.8	om.c.bc.b	bc.c.bo	bo.c.bco
ICELAND & FAEROE	Isafjord	29.20	43	E	3	c	29.05	-.05	39	-6	E	6	r	*	*	*	*				
	Reykjavik	29.29	49	S	2	r	28.99	-.06	42	-3	S	1	o	*	*	*	*				
	Vestmanna	29.36	44	SW	4	o	29.11	-.04	42	-1	S	2	b	1	*	*	*				
	Seydisfjord	29.32	60	S	2	c	29.16	-.03	47	+8	–	0	bc	*	*	*	*				
	Thorshavn	29.76	48	SW	6	r	29.49	-.06	48	+4	SW	5	r	*	*	*	*				
SCANDINAVIA.	Haparanda	29.41	41	NE	6	r	29.56	+.05	41	0	NNE	8	o	*	0.12	52	37				
	Hernösand	29.43	44	NW	4	bc	29.57	+.05	46	+5	W	6	c	*	0.39	46	41				
	Stockholm	29.41	42	NW	4	r	29.60	+.05	45	+2	NW	6	o	*	0.16	46	39				
	Wisby	29.41	41	NW	6	o	29.62	+.06	42	-4	NW	6	o	*	0.08	46	39				
	Karlstad	29.62	49	NNW	8	b	29.79	+.04	45	-2	NNW	8	b	*	–	54	39				
	Færder (X'iania Fjord)	29.67	54	NNW	4	bc	29.86	+.02	48	-3	NNW	2	c	2	–	55	45				
	Bodö	29.73	42	N	4	o	29.86	+.15	42	-3	S	1	o	1	–	?	39				
	Christiansund	29.89	42	W	1	o	29.69	-.01	43	+2	SE	1	f	1	0.04	43	41				
	Skudesnaes	29.97	44	NNW	6	b	29.98	.00	44	0	–	0	m	1	–	48	41				
	The Scaw (Skagen)	29.73	49	NW	6	b	29.88	+.03	49	0	N	3	c	1	–	55	43				
	Blaavands Huk	29.98	45	NW	6	o	30.05	+.02	47	+2	NW	4	bc	3	–	50	45				
GERMANY, &c.	Cuxhaven	30.09	47	NW	5	o	30.11	+.01	49	0	NW	3	bc	*	–	52	45				
	The Helder																				
	Brussels													*							
	Berlin	30.00	50	NN	4	b	30.04	+.02	48	-1	NW	5	bc	*	–	68	45				
	Frankfurt	30.10	55	NE	1	b	30.12	-.01	50	-7	NE	2	b	*	–	77	43				
	Munich	30.10	61	NW	4	c	30.13	+.01	57	-14	NE	2	c	*	–	77	55				
FRANCE.	C. Gris Nez	30.15	53	NE	4	b	30.08	-.02	53	+2	ESE	4	bc	2	–	57	46				
	La Hève	30.08	61	E	1	o	30.02	*	53	-2	ESE	3	c	2	–	72	50				
	Brest (St. Mathieu)	30.10	58	NNW	3	c	29.95	-.04	54	-1	NE	3	m	2	–	68	50				
	Lorient (Bec Melen)							*													
	Rochefort (Ile d' Aix)	30.04	64	NNW	3	o	29.94	*	64	+4	–	0	o	*	?	73	60				
	Biarritz	30.06	62	WNW	4	o	29.88	*	66	+7	ESE	3	c	2	–	75	61				
	Paris	30.10	65	NE	2	b	30.01	-.06	54	-8	NE	2	o	*	–	69	50				
	Belfort	30.09	69	W	4	m	30.10	*	54	-11	E	5	m	*	–	79	50				
	Lyons	30.06	77	SE	1	b	30.05	*	61	-2	SE	1	b	*	–	87	57				
	Nice	30.16	59	–	0	bc	30.12	-.01	57	+1	–	0	o	1	–	70	55				
	Perpignan	30.13	61	NE	1	o	30.07	-.02	59	-2	E	2	o	*	–	67	56				
	Sanguinaire	30.08	63	N	2	m	30.00	*	61	0	S	1	f	2	–	64	55				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)																				
	Lisbon (9 a.m.)	29.95	61	NW	4	o	29.92	+.02	59	-3	S	1	r		0.08	68	57				
	Gibraltar	29.86	67	?	?	b	29.89	*	63	-5	?	?	bc	*	–	*	*				
	Azores (P. Delgada)																				
	Azores (Horta)	30.36	60	–	0	o	30.25	-.02	60	+2	WSW	2	o	2	–	66	57				
	Madeira (Funchal)	30.09	65	NW	3	b	30.09	+.02	64	-2	NW	3	bc	2	–	68	55				

DURATION AND EXTREME FORCE OF GALES 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. 13th May.



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature remained below 60° in most parts of the British Isles, and only at Bath did it reach 65°. Along the western portion of the Channel there was very little bright sunshine, only a few minutes at Newquay, but in other parts of the country the records were large, exceeding 14 hours locally on the east coast of Britain.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON Tuesday TO NOON Wednesday.

0 a, b — SSW⁴ and S⁴ winds, fresh or strong at times in places; cloudy to dull, some showers; moderate temperature.

1, 2 a, b — S⁴ and SSW⁴ breezes, freshening somewhat; fine to cloudy, some local showers; moderate temperature.

3, 4 a, b, 5 — Light variable breezes between E. and S.; fine generally, local mist; temperature rising.

FORECAST DISTRICTS.

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. 0.

7 a, b — S⁴ and SW⁴ breezes, freshening somewhat; fine to cloudy, misty locally; temperature rising.

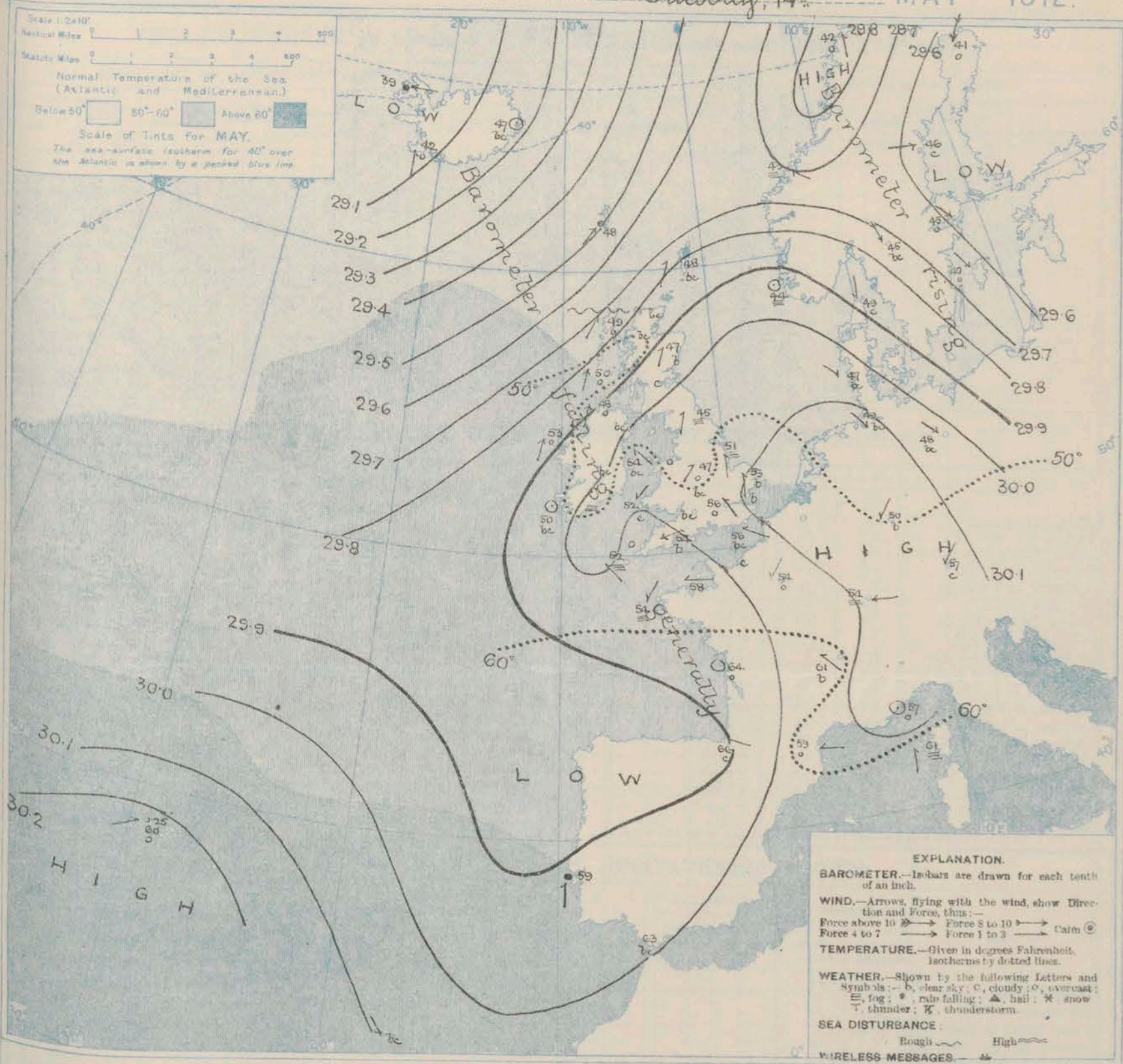
8 a, b — Same as Nos. 2 to 5.

9 a, b, 10 a, b — SW⁴ and S⁴ breezes, moderate to fresh in places; cloudy to dull, some coast mist or fog; local showers; moderate temperature.

11 WESTERN CHANNEL AND BAY. Calms and light to moderate E⁴ and SE⁴ breezes; sea slight or smooth; fine to misty; moderate temperature.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Tuesday, 14th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An area of high pressure, with the barometer above 30·2 in. lies over the Azores region; and another, with the barometer above 30·1 in., has its central space between Norfolk and North Italy. An extensive depression covers the region between Scotland and Greenland, with the barometer at 29 in.; in the north-west of Iceland. The gradient is moderate from Iceland to Scandinavia, elsewhere it is very slight.

Southerly to South-Westerly winds prevail over Ireland, Scotland and across to Iceland, fresh or strong in the Hebrides and the Faeröe; Northerly and North-Westerly winds, strong to a gale in Sweden; over the rest of our area calms and very variable breezes. Over the British Isles temperature ranges from 45° at North Shields to 58° at Jersey; on the Continent from 48° at Berlin to 66° at Biarritz; in Scandinavia from 41° at Haparanda to 48° at Christiania; and in Iceland from 39° to 47°. Fine to cloudy weather prevails at home and abroad, but rain is falling in the Faeröe and the north west of Iceland and the atmosphere is foggy off Queenstown, Corsica and at Christiansund. The sea is rather rough on the French, slight or smooth on other coasts.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

Under the influence of a large depression in the Iceland region, and secondaries out on the Atlantic a South-Westerly to Southerly type of conditions is likely to become general over the British Isles.

DAILY WEATHER REPORT. Tuesday 14th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS.							OBSERVATIONS PLOTTED ON THE CHARTS.										
Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	In.					°	°	In.				°	°	°	

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Stonehaven, to 6 p.m.	*	*	*	13·3	0·01
Oban, to 6 p.m.	51	34	b	13·4	—
Dublin (City), to 4 p.m....	56	39	b.c.b.	*	—
Blackpool, to 9 p.m. ...	57	40	o.c.b.	11·5	—
Southport, to 6 p.m. ...	54	51	b.bc.o.b.	7·7	—
†Rhyl, to 6 p.m....	55	44	bc.c.	9·3	—
†Colwyn Bay, to 6 p.m. ...	54	47	b.	9·7	—
Llandudno, to 9 p.m. ...	55	48	bc.o.b.	9·2	—
Bettws-y-Coed, to 6 p.m...	60	38	b	11·0	—
†Aberystwyth, to 6 p.m. ...	56	40	c.b.	14·2	—
Plymouth, to 9 p.m. ...	62	50	c.b.o.op.c.b	2·9	0·02
†Paignton, to 6 p.m.... ...	58	50	c.bc.c.bc	3·3	—
Torquay, to 6 p.m.	59	52	o.c.bc.	3·3	—
Teignmouth, to 9 p.m. ...	59	52	c.bc.b	1·9	—
†Weymouth, to 6 p.m. ...	58	49	br.o.c	3·3	0·94
†Bournemouth, to 6 p.m....	60	49	r.o.c.bc.	4·0	0·49
Southsea, to 6 p.m.... ...	60	49	c.b.bc.b.o	9·7	0·20
†Worthing, to 6 p.m. ...	61	49	b.	12·3	0·09
Carnoustie, to 6 p.m.	51	35	b.	11·6	—

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
†Brighton, to 6 p.m.	63	49	b.bc.b.	12·7	0·01
†Seaford, to 6 p.m.	61	48	b	12·9	—
†Eastbourne, to 6 p.m. ...	57	49	c.b.bc.b.	11·3	—
Bexhill-on-Sea, to 9 p.m...	59	49	bc.v.b.bc.	11·0	*
†Hastings	*	*	*	13·0	—
†Folkestone, to 6 p.m. ...	58	48	bc.b.bc.	12·8	—
†Deal, to 6 p.m....	58	48	c.bc.b.	13·5	0·01
†Ramsgate, to 6 p.m. ...	*	*	*	13·8	0·02
†Margate, to 6 p.m.	59	47	bc.b.r.	13·3	0·05
†Felixstowe, to 6 p.m. ...	53	43	b	14·4	0·07
†Lowestoft, to 6 p.m. ...	59	45	bk.c.b.	13·2	—
Skegness, to 6 p.m.... ...	55	39		10·3	—
Scarborough, to 9 p.m. ...	57	41	o.c.b.	7·6	—
†Harrogate, to 6 p.m. ...	61	38	bc.b.o.cb	8·2	—
Buxton, to 9 p.m.	61	38	c.bc.bz	9·7	—
Darwen, to 9 p.m.	61	39	o.bc.	9·6	
Manchester, to 9 p.m. ...					—
Birmingham, to 9 p.m. ...	64	43	b.c.	9·7	

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
	%	%	°	°		In.	Hr.
24 Hours ended at 9 a.m. To-day.							
Greenwich (Royal Obsy.) ...	60	51	65	44	b.bc.	—	13·2
City (Bunhill Row)	*	*	*	*	*	*	11·7
Westminster (St. James's Pk.)	59	48	63	49	bc.	—	11·6
Camden Sq. (Brit. Rainfall)	58	50	65	46	b.bc.c	—	9·4
Hampstead (Reservoir) ...	*	54	60	47	bc.c.	—	12·2
24 Hours ended at 6 p.m. Yesterday.							
South Kensington ...	*	*	63	49	bc.c.bc.	0·09	10·5
" " (Roof of M.O.)	55	51	63	49		*	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

14th & 15th May, 1912.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	4·0	11·49	7·38
	3·59	11·49	7·39
Greenwich	4·12	11·56	7·40
	4·10	11·56	7·42
Wick	3·50	12·8	8·27
	3·48	12·8	8·29
Valencia...	4·50	12·37	8·34
	4·48	12·37	8·25

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga	—	82	68	b.
Marseilles	—	75	54	b.
Malta	—	88	63	-.b.
Algiers	—	91	72	b.b.
Tunis	—	90	61	bc.b.
Palermo	—	76	55	b.b.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In	°	°	
Rome...	—	73	61	o.o
Vienna	—	84	61	r.b.
Utrecht	0·04	72	46	c.bc
Zürich	—	*	*	c.b
Geneva	—	*	*	b.b
Lugano	—	*	*	b.b.

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday, 15th May, 1912.

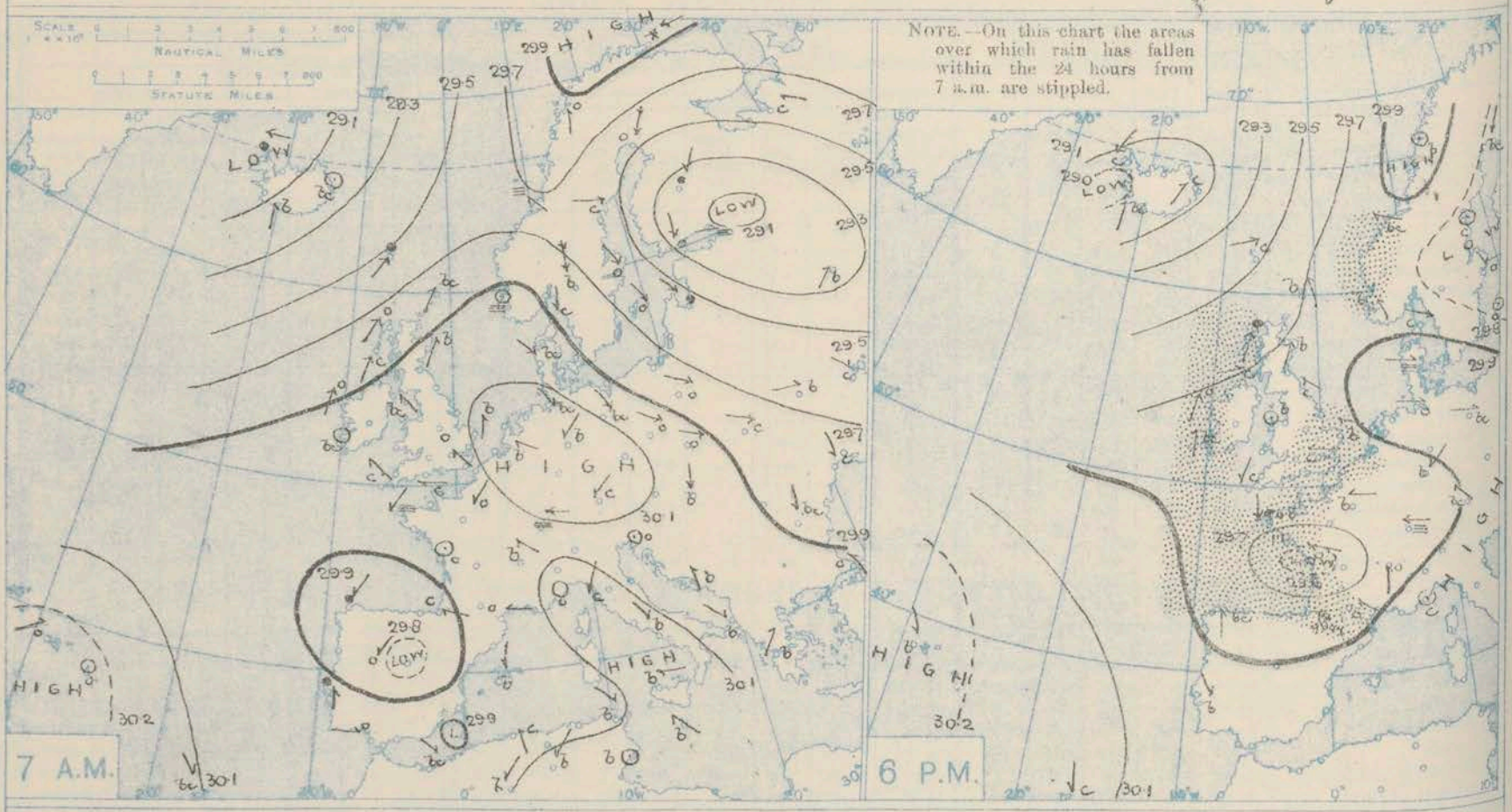
	Stations.	Yesterday Evening. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	This Morning 7 a.m., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Temp. Dry Bulb.	Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	Past 24 Hours. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
British Islands.	Lerwick	29.71	48	SSE	3	b	29.57	−.02	48	0	SSE	3	o	2	—	52	46	*	bc	bc	o
	Stornoway	29.62	49	SSW	7	odq	29.49	−.03	47	−2	SSW	4	o	4	0.43	50	46	0.2	odpq	odq	opq
	Castlebay (Barra Isd.)	29.66	50	SSW	5	r	29.50	−.01	47	−3	W	4	dp	3	0.23	51	46	0.4	dp.o	or	r.d.or
	Malin Head	29.70	55	WSW	3	cgq	? 29.60	−.02	46	−2	WSW	3	o	2	0.04	60	40	*	oq	ogq	omw
	Blacksod Point	29.74	54	SSW	5	o	29.60	−.02	48	−5	SW	4	o	3	0.14	57	45	*	om	om	omp
	Valencia	29.78	58	S	2	bc	29.68	.00	49	−1	WNW	1	c	3	0.02	59	48	11.6	bc	bc	bdp
	Roche's Point	29.84	58	SW	3	b	29.66	*	48	+1	NW	1	r	2	0.02	59	44	*	b.f.c	b	b.d.
	Birr Castle	29.76	62	S	3	c	29.63	*	49	−1	S	1	m	*	—	63	44	6.7	c	c	om
	Donaghadee	29.81	56	S	3	b	29.62	−.05	49	+4	S	1	c	1	—	61	45	*	bq	b	cg.bq
	Liverpool Obsy.	29.80	57	NNW	2	bc	29.63	−.03	51	+4	SE	1	o	0	—	62	47	6.3	bc	o.bc	bc.o
	Holyhead	29.80	54	—	0	bm	29.61	−.05	55	+1	—	0	c	1	—	62	45	*	bm	cm	cm
	Pembroke (St. Ann's Hd.)	29.80	56	WNW	3	bc	29.62	−.03	51	−1	NNW	3	c	3	—	60	48	9.2	c	bc	bc
	Newquay	29.77	56	N	2	b	29.60	.00	53	+1	N	3	o	3	—	57	52	9.0	bc.v.bv	bv.b.	b.ov.
	Scilly (St. Mary's)	29.80	57	NNE	1	cm	29.61	+.02	53	+1	NNW	4	cm	4	—	59	51	5.0	cm	cmv	cmv
	Jersey (St. Aubin)	29.73	65	ENE	3	cgm	29.58	*	58	0	SSW	3	cm	3	0.10	70	56	2.8	c.ogm	o.cgm	odp.f
	Portland Bill	29.76	57	ENE	4	c	29.57	.00	55	+1	ENE	3	c	3	Trace	60	53	5.3	c	c	cp
	Dungeness	29.77	57	ENE	5	c	29.66	−.05	55	−1	E	5	c	4	0.09	61	53	8.2	bc	c	cth.c
	Dover	29.83	59	ENE	3	c	29.63	*	55	+2	NE	2	bc	4	0.08	64	52	8.2	b	b.bc.c	cth.m
	Wick	29.63	55	SW	3	c	29.52	−.03	50	+4	W	3	og	3	—	56	?	*	bc	bc.c	bc.og
	Nairn	29.68	59	W	3	bc	29.52	*	52	+2	SW	1	c	1	—	62	48	10.5	bc	bc	c
	Aberdeen	29.72	63	SSW	4	b	29.59	−.03	55	+8	S	2	b	2	—	65	46	14.4	bc.b	b	b
	Leith	29.78	60	SW	1	bc	29.59	−.04	52	+3	N	1	c	*	—	63	48	*	c	bc	b
	North Shields	29.82	52	SE	2	c	29.65	−.02	50	+5	SE	3	c	2	—	65	42	10.4	c	c	c
	Spurn Head	29.82	53	SSE	5	bc	29.66	+.03	52	+1	SSE	6	cq	6	Trace	60	49	*	cm	bc	bc.cq
	Yarmouth	29.89	54	ESE	1	b	29.67	−.08	52	−1	E	4	dpq	4	Trace	59	52	13.4	b	b	bc.dpq
	Clacton-on-Sea	29.86	56	NE	2	c	29.64	−.01	55	+1	ENE	3	o	2	0.02	58	53	10.0	b.bc	bc.c	cp.o
	Nottingham	29.80	64	SSE	2	c	29.66	*	51	+4	E	2	o	*	0.02	69	46	5.7	o.c	c	cp.b.
	Bath	29.79	66	SW	1	bc	29.60	*	51	−2	ENE	2	r	*	0.15	69	50	6.8	—	—	—
	Oxford	29.80	62	SE	2	bc	29.61	*	52	−5	NNE	2	o	*	0.21	70	51	*	b	b	bc.or
	London (Kew Obsy.)	29.82	65	E	3	cm	29.61	+.02	57	+1	ENE	3	cm	*	0.03	71	54	6.9	o.c	c	cm.p.or
Iceland & Faeroe.	Isafjord	29.09	40	NE	5	c	29.24	+.07	34	−5	—	0	r	*	*	*	*				
	Reykjavik	28.99	47	S	3	o	29.08	+.04	41	−1	N	3	o	*	*	*	*				
	Vestmanna	29.04	46	S	1	bc	29.12	+.02	42	0	NW	3	b	o	*	*	*				
	Seydisfjord	29.08	51	SW	3	c	29.16	+.03	44	−3	E	4	c	*	*	*	*				
	Thorshavn	29.40	49	WSW	6	c	29.39	−.02	47	−1	SSW	2	c	*	*	*	*				
Scandinavia.	Haparanda	29.77	44	NNE	6	bc	29.93	+.04	45	+4	N	6	b	*	—	55	36				
	Hernösand	29.77	48	—	0	c	29.87	+.02	50	+4	N	2	b	*	—	52	41				
	Stockholm	29.74	45	NNW	2	o	29.78	+.03	50	+5	NNW	6	o	*	—	50	41				
	Wisby	29.73	44	—	0	o	29.76	+.02	48	+6	NW	4	b	*	—	48	41				
	Karlstad	29.77	52	—	0	b	29.85	+.02	49	+4	NNW	2	b	*	—	52	39				
	Færder (Christiania Fjord)	29.80	49	SSW	2	bc	29.85	+.01	49	+1	NE	2	bc	1	—	50	46				
	Bodö	? 29.99	42	—	0	b	29.96	+.01	45	+3	E	1	b	1	—	45	32				
	Christiansund	29.85	49	ESE	1	bc	29.79	.00	47	+4	—	0	b	1	0.04	48	43				
	Skudesnaes	29.87	46	SSE	2	b	29.81	−.01	48	+4	ESE	4	b	2	0.35	50	43				
	The Scaw (Skagen)	29.86	47	WNW	4	c	29.83	.00	49	0	W	3	o	1	—	54	43				
	Blaavands Huk	29.93	48	W	1	m	29.85	−.01	51	+4	S	1	m	1	—	52	43				
Germany, &c.	Cuxhaven	29.96	52	NW	1	o	29.85	−.02	52	+3	SE	2	bc	*	—	57	45				
	The Helder	29.91	55	NE	2	c	29.76	−.02	53	+2	ENE	3	o	1	—	57	52				
	Brussels	29.81	61	ENE	4	o	29.64	.00	57	+6	NE	5	o	*	0.04	69	50				
	Berlin	29.95	55	W	2	bc	29.88	−.01	53	+5	E	2	o	*	—	61	48				
	Frankfurt	29.83	58	NE	2	b	29.70	−.01	60	+10	NE	2	b	*	—	66	50				
	Munich	29.91	61	SE	2	bc	29.76	−.02	67	+10	—	0	b	*	—	68	52				
France.	C. Gris Nez	29.80	58	NE	4	o	29.62	−.05	56	+3	E	4	o	2	0.28	70	54				
	La Hève	?	64	ESE	3	o	29.59	*	59	+6	S	4	o	3	0.20	72	? 53				
	Brest (St. Mathieu)	29.78	55	N	4	r	29.61	+.01	55	+1	SW	2	c	2	0.75	68	54				
	Lorient (Bec Melen)	29.70	63	W	3	o	29.58	*	57	−1	S	3	bc	3	1.06	66	52				
	Rochefort (Ile d' Aix)	29.54	76	ESE	3	o	29.75	*	60	−4	SW	3	bc	*	0.16	82	57				
	Biarritz	29.78	63	W	4	c	29.82	*	64	−2	SW	4	c	3	0.04	82	59				
	Paris	29.75	74	E	2	b	29.67	+.07	66	+12	WSW	4	bc	*	—	78	? 54				
	Belfort	29.86	69	E	4	m	29.79	*	67	+13	W	4	m	*	—	76	? 54				
	Lyons	29.80	77	S	3	o	29.74	*	70	+9	—	0	o	*	—	85	? 61				
	Nice	29.99	60	—	0	c	29.92	.00	66	+9	—	0	bc	1	—	72	55				
	Perpignan	29.89	60	SE	1	o	29.77	+.01	64	+5	NW	3	o	*	Trace	65	58				
	Sanguinaire							*													
Spain, Portugal, &c.	Corunna (8 a.m.)	29.76	54	S	3	bc	29.95	+.04	54	−3	SW	3	o	3	0.39	68	50				
	Lisbon (9 a.m.)	29.93	58	NNW	3	b	30.10	+.07	62	+3	NW	3	bc	6	—	66	55				
	Gibraltar	29.96	63	W	4	b	29.99	*	63	0	N	2	o	*	—	*	*				
	Azores (P. Delgada)																				
	Azores (Horta)	30.26	59	NNW	2	b	30.31	+.03	60	0	NNE	4	c	3	—	64	59				
	Madeira (Funchal)	30.15	65	N	2	c	30.17	+.03	64	0	N	2	o	2	—	70	54				

Duration and extreme force of gales 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. 14th May



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature touched 70° at Jersey and Oxford, and 71° or 73° about London, but in several localities the maxima were below 60°, only 50° at Stornoway. In the night rain has fallen in the south and east of England, and on the extreme western coasts, but the amounts registered are in nearly all cases very small. Thunderstorms were experienced along the Channel. The Hebrides had less than ½ hour of bright sunshine, but generally the records were considerable, ranging up to 14½ hours at Aberdeen.

WEATHER PROSPECTS.

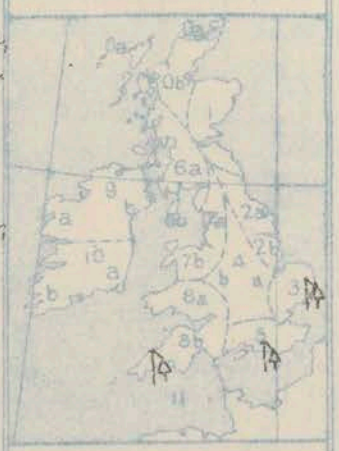
FORECASTS FOR THE 24 HOURS NOON Wednesday TO NOON Thursday.

0 {a, b} 1 — Wind between S. and W. generally light to moderate; dull to fair or fine, rain at times; moderate temperature.

2 {a, b} — Variable SE. to SW. breezes; changeable, some rain, local thunder; moderate temperature, air close.

3, 4 {a, b}, 5 — Light to moderate E. breezes, then becoming very variable; changeable, some rain, local thunder; moderate temperature, close atmosphere.

FORECAST DISTRICTS.



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	

6 {a, b} — Same as Nos. 0 and 1.

7 {a, b} — Same as No. 2.

8 {a, b} — Light to moderate N. to W. and SW. breezes; dull to fair, some rain, local thunder; cool, but air close.

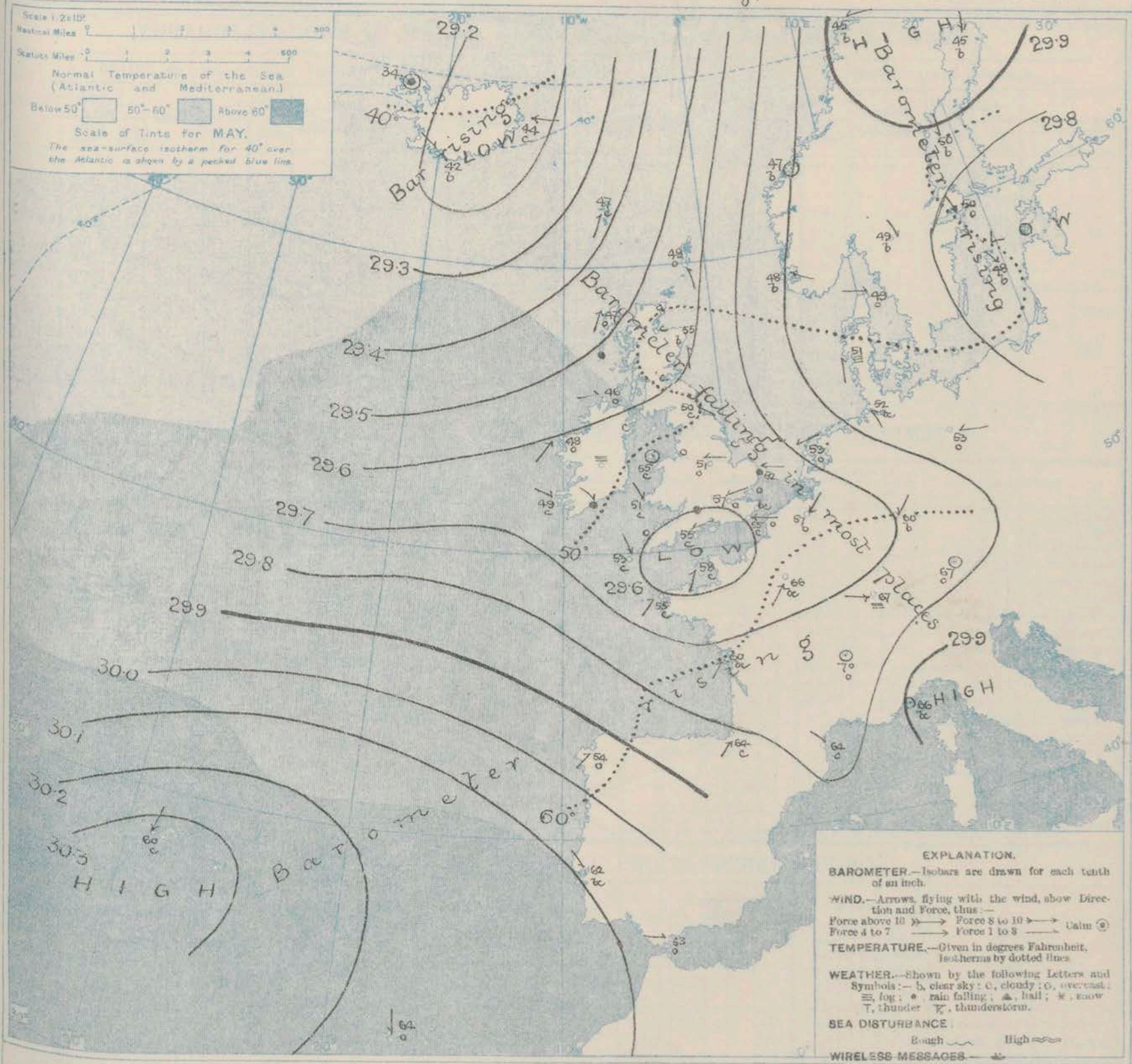
9 {a, b} — Same as Nos. 0 and 1.

10 {a, b} — Light variable N. W. to SW. breezes; changeable, some rain; moderate temperature.

11 WESTERN CHANNEL AND BAY. Light to moderate N. to W. and SW. breezes; sea smooth to moderate; dull to fair or fine, some rain, local thunder; mist or fog; cool.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Wednesday, 15th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The distribution of pressure has become very irregular. The barometer is above 30·3 in. at the Azores, and about 30 in. in Lapland and in Italy. It is below 29·2 in. in a depression over Iceland. Below 29·6 in. in another over the English Channel, and below 29·8 in. on the Baltic. The gradient is slight generally.

The winds are very variable in direction, a complete cyclonic circulation being shown in the Channel region. The force is nearly everywhere moderate to very light. At the Home Stations temperature ranges from 46° at Malin Head to 58° at Jersey; on the Continent from 52° at Cuxhaven to 70° at Lyons; in Scandinavia from 45° at Bodö and Haparanda to 50° at Stockholm and Kernäsand; and in Iceland from 36° to 40°. The weather is still fine and clear in several foreign localities, but generally it is more cloudy and less settled looking than of late. Rain is falling in a few isolated situations in the British Isles, and in the North Mid of Iceland. A rough sea is running at the mouth of the Humber, elsewhere it is moderate to very smooth.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

Under the influence of disturbances situated over the Channel and Iceland, the conditions during the ensuing twenty-four hours will be of of a very changeable type.

DAILY WEATHER REPORT. Wednesday, 15th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS.							OBSERVATIONS PLOTTED ON THE CHARTS.										
Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	In.					°	°	In.				°	°	°	

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Stonehaven, to 6 p.m. ...	*	*	*	13.3	–
Oban, to 6 p.m.	58	44	o.c.bc.o.c.	1.5	–
Dublin (City), to 4 p.m....	62	43	bc	*	–
Blackpool, to 9 p.m. ...	61	34	c.bc.c.o.	10.9	–
Southport, to 6 p.m. ...	61	37	o.bc.	8.7	–
Rhyl, to 6 p.m....	60	37	bc.b.	10.0	–
†Colwyn Bay, to 6 p.m. ...	60	38	b	8.8	–
Llandudno, to 9 p.m. ...	65	41	bc.b.	9.1	–
Bettws-y-Coed, to 6 p.m...					*
Aberystwyth, to 6 p.m. ...	59	43	c.g	10.5	–
Plymouth, to 9 p.m. ...	67	47	c.bg bc.cb.	9.4	–
Paignton, to 6 p.m.... ...	59	45	o.bc.	5.3	–
Torquay, to 6 p.m.	60	51	o.c.bc.	5.9	–
Teignmouth, to 9 p.m. ...	59	46	o.bc.b.	5.9	–
†Weymouth, to 6 p.m. ...	61	51	o.c.bc.co	5.3	–
†Bournemouth, to 6 p.m....	65	49	c.bc.o	6.3	–
Southsea, to 6 p.m.... ...	67	52	c.bc.b.o	5.6	–
†Worthing, to 6 p.m. ...	66	52	b.c	7.1	–
Cromarty, to 6 p.m. ...	62	38	c.b.	11.1	–

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
† Brighton, to 6 p.m.	67	51	c.bc.c.o.bc	6.2	–
† Seaford, to 6 p.m.	68	50	b.bc.c.	8.0	–
† Eastbourne, to 6 p.m. ...	61	51	b.bc.c.o	7.3	–
Bexhill-on-Sea, to 9 p.m...	64	50	bc.o	7.0	–
Hastings	*	*	*	8.0	*
† Folkestone, to 6 p.m. ...	62	49	b.bc.c.o.c.	8.6	–
† Deal, to 6 p.m....					
† Ramsgate, to 6 p.m. ...	*	*	*	9.4	–
† Margate, to 6 p.m.	59	48	b.m.o	9.0	–
† Felixstowe, to 6 p.m. ...	57	50	b.bm.	11.6	–
† Lowestoft, to 6 p.m. ...	59	45	c.bc.c.	13.1	–
† Skegness, to 6 p.m.... ...	65	43	c.b	8.3	–
Scarborough, to 9 p.m. ...	61	45	c.b.o.c.	9.3	–
† Harrogate, to 6 p.m. ...	63	37	b.bc.b.c	7.9	–
Buxton, to 9 p.m.	63	39	bc.b.bg	8.0	–
Darwen, to 9 p.m.	64	38	bc.og.bc.	7.0	–
Manchester, to 9 p.m. ...	68	42	o.c.bc.b.	6.4	–
Birmingham, to 9 p.m. ...	67	47	c	6.5	–
Douglas (I.O.M.), to 6 p.m. ...	57	40	b	12.6	–

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
	%	%	°	°		In.	Hr.
Greenwich (Royal Obsy.) ...	49	75	71	53	b.c.o.r.	0.02	10.4
City (Bunhill Row)	*	*	*	*	*	*	8.9
Westminster (St. James's Pk.)	46	76	69	55	bc.r.bc.	0.02	9.1
Camden Sq. (Brit. Rainfall)	47	72	73	52	bc.cp.o.	0.03	7.7
Hampstead (Reservoir) ...	*						
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	70	50	o.bc.c.o.c.bc.	–	6.6
" " (Roof of M.O.)	43	72	69	52		*	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

15th & 16th May, 1912.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.59 / 3.58	11.49 / 11.49	7.39 / 7.40
Greenwich	4.10 / 4.9	11.56 / 11.56	7.43 / 7.43
Wick	3.48 / 3.46	12.8 / 12.8	9.38 / 9.38
Valencia...	4.48 / 4.47	12.37 / 12.37	8.25 / 8.26

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga	–	79	66	b.bc
Marseilles	–	73	52	o.bc
Malta	–	77	63	–.b.
Algiers	–	99	79	b.c
Tunis	–	90	64	b.b.
Palermo	–	78	55	b.b.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In	°	°	
Rome...	–	75	54	b.b.
Vienna	–	68	48	bc.b.
Utrecht	–	57	41	b.b.
Zürich	–	*	*	bc.b
Geneva		*	*	
Lugano	–	*	*	b.b.

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, 16th May, 1912.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Weather. Aftern'n 1 p.m. to 6 p.m.	Weather. Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	29.53	49	SSE	3	o	29.53	-.01	47	-1	E	3	r	2	0.11	51	45	*	bc	om	cmp
	Stornoway	29.48	50	SSW	4	c	29.60	+.03	48	+1	NNW	5	bc	4	0.02	54	39	8.2	o.bc	bc.c	c.bc
	Castlebay (Barra Isd.)	29.49	47	W	3	cp	29.64	+.04	47	0	NW	4	bc	4	0.08	50	42	9.4	pbc.op	pbcph	c.bc
	Malin Head	29.48	48	SW	4	b	29.61	+.05	47	+1	NW	6	bq	6	0.02	54	42	*	bc	bcp	bcq
	Blacksod Point	29.56	49	W	5	o	29.80	?+.03	50	+2	W	5	c	4	0.17	53	41	*	om	om	omp
	Valencia	29.67	51	WNW	5	cv	29.92	+.07	49	0	WNW	3	bcp	5	0.03	55	43	7.7	bcv.b	bcv.	bcp
	Roche's Point	29.64	53	NNW	4	c	29.87	*	47	-1	NW	3	b	2	0.02	57	44	*	dog	c	cpq.b
	Birr Castle	29.58	50	W	4	o	29.77	*	46	-3	W	3	c	*	0.03	57	37	4.4	c	c.op	bc.
	Donaghadee	29.52	48	ESE	2	c	29.62	+.03	45	-4	WNW	3	c	2	0.11	54	40	*	om	cgp	cgp
	Liverpool Obsy.	29.49	55	W	4	r	29.59	+.05	46	-5	W	6	bc	4	0.07	65	44	2.3	bc	or	bc
	Holyhead	29.53	51	NW	1	c	29.66	+.05	50	-5	WNW	7	bc	5	—	59	44	*	c	c	bc
	Pembroke (St. Ann's Hd.)	29.57	52	NW	3	c	29.75	+.07	45	-6	WNW	5	bq	5	0.02	57	45	4.6	c	bc	cp
	Newquay	29.60	52	W	4	op	29.80	+.09	50	-3	NW	7	bv	4	0.05	57	47	1.0	o	bc.op.o	bc.bqb
	Scilly (St. Mary's)	29.67	53	WNW	6	cm	29.83	+.04	48	-5	WNW	6	co	6	0.13	60	45	3.2	cm	cm	cmp
	Jersey (St. Anbin)	29.64	55	W	4	ogdpm	29.80	‡	52	-6	W	4	c	3	0.03	66	49	5.8	cm	c.odm	c.op.c
	Portland Bill	29.55	52	W	5	c	29.71	+.06	50	-5	WNW	6	b	4	0.02	55	48	0.0	c.o.f.o	o.c	cr.c.bc
	Dungeness	29.54	59	SW	4	bc	29.60	+.03	54	-1	SSW	5	c	4	0.06	61	47	6.3	c	bc	cr.c.
	Dover	29.55	58	SW	4	b	29.62	*	52	-3	W	4	c	4	0.06	62	46	8.6	bc.b	b	bopr.c
	Wick	29.51	46	NE	2	o	29.44	.00	42	-8	N	5	r	3	1.63	50	41	*	omr	omr	omqr
	Nairn	29.51	47	—	0	r	29.48	*	44	-8	NW	3	r	2	0.45	56	42	0.0	r	r.c	or
	Aberdeen	29.48	51	SSE	2	o	29.32	-.03	43	-12	WNW	7	r	3	0.91	60	42	3.7	bc.cg	c.om	ogrq
	Leith	29.49	49	NW	2	r	29.45	+.01	47	-5	WSW	4	o	*	0.38	60	45	*	c	or	or
	North Shields	29.48	49	ESE	3	r	29.44	+.04	45	-5	WSW	4	o	3	0.70	62	42	5.2	c	r	o
	Spurn Head	29.38	52	SE	6	o	29.49	+.02	49	-3	W	8	cq	7	0.19	53	45	*	op	o	orq
	Yarmouth	29.46	64	SSW	2	c	29.52	+.06	46	-6	W	2	or	2	0.25	64	46	3.5	opq.c	c	bc.c.or
	Clacton-on-Sea	29.50	63	SSW	5	bc	29.58	+.06	50	-5	W	3	bc	2	0.21	65	47	5.0	o.c.bc	bc.c.bc	b.or.bc
	Nottingham	29.46	53	NNW	2	r	29.57	*	47	-4	W	4	cm	*	0.23	58	43	0.0	op	odm	rmo.
	Bath	29.51	54	W	2	r	29.70	*	48	-3	W	3	b	*	0.44	62	44	0.0	—	—	—
	Oxford	29.48	54	W	4	r	29.67	*	49	-3	WNW	4	bc	*	0.24	64	44	*	og	og.c.o	or.bc.
	London (Kew Obsy.)	29.48	62	SW	4	c	29.64	+.06	49	-8	WNW	3	o	*	0.33	62	47	2.1	sm.c.bc.o	o	c.orbc.o
ICELAND & FAEROE.	Isafjord	29.33	37	NE	8	c	29.56	+.04	35	+1	NE	6	c	*	*	*	*				
	Reykjavik	29.23	46	N	3	c	29.44	+.10	39	-2	—	0	b	*	*	*	*				
	Vestmanna	29.29	46	W	2	b	29.50	+.04	41	-1	—	0	c	1	*	*	*				
	Seydisfjord	29.25	55	ENE	4	c	29.48	+.01	40	-4	—	0	b	*	*	*	*				
	Thorshavn	29.41	53	SSW	3	b	29.62	+.06	47	0	—	0	c	*	*	*	*				
SCANDINAVIA.	Haparanda	30.02	49	NNE	2	b	30.15	+.04	50	+5	S	2	b	*	—	61	37				
	Hernösand	30.01	47	—	0	bc	30.04	+.04	47	-3	NNE	4	b	*	—	55	45				
	Stockholm	29.90	46	E	2	o	29.95	+.01	51	+1	E	2	b	*	—	54	39				
	Wisby	29.86	42	NNE	2	bc	29.89	+.02	46	-2	ENE	2	bc	*	—	?50	37				
	Karlstad	29.88	55	—	0	c	29.90	+.02	48	-1	E	2	o	*	—	63	45				
	Færder (X'iania Fjord)	29.82	54	—	0	b	29.80	-.01	49	0	ENE	4	o	2	—	57	48				
	Bodö	29.95	52	E	2	b	30.05	+.01	55	+10	E	6	b	1	—	?55	43				
	Christiansund	29.77	54	—	0	b	29.77	.00	57	+10	SE	2	b	1	—	57	46				
	Skudesnaes	29.75	48	SSW	4	b	29.60	-.02	56	+8	ESE	6	b	3	—	54	45				
	The Scaw (Skagen)	29.81	51	ESE	2	b	29.75	.00	50	+1	SE	4	b	1	—	63	46				
	Blaavands Huk	29.69	53	ENE	1	c	29.60	-.03	47	-4	ESE	3	r	2	0.08	59	45				
GERMANY, &c.	Cuxhaven	29.65	57	E	2	o	29.52	.00	52	0	SW	1	r	*	0.47	63	50				
	The Helder																				
	Brussels	29.60	57	WNW	1	o	29.59	+.01	51	-6	SW	3	r	*	0.16	76	50				
	Berlin	29.72	55	E	4	o	29.61	+.01	50	-3	SE	2	o	*	0.24	63	48				
	Frankfurt	29.60	62	SW	6	dr	29.64	+.01	57	-3	SW	6	c	*	0.47	84	56				
	Munich	29.58	68	E	2	c	29.80	+.02	56	-11	SW	5	o	*	0.04	82	54				
FRANCE.	C. Gris Nez	29.56	59	SSW	4	bc	29.60	+.04	53	-3	WSW	5	b	4	0.16	63	48				
	La Hève	29.58	64	SSW	5	c	29.71	*	52	-7	WNW	5	o	5	0.12	70	?46				
	Brest (St. Mathieu)	29.73	55	WNW	5	o	29.91	+.07	50	-5	NW	6	bc	3	0.04	63	45				
	Lorient (Bec Melen)	?	55	NW	4	o	29.88	*	51	-6	NW	5	o	5	—	66	50				
	Rochefort (Ile d' Aix)	29.68	58	W	7	o	29.96	*	55	-5	NW	5	c	*	0.24	75	54				
	Biarritz	30.00	58	W	5	o	30.09	*	57	-7	SSW	3	o	3	—	64	55				
	Paris	29.66	59	WSW	1	bc	29.76	+.07	53	-13	WNW	3	o	*	0.08	73	52				
	Belfort	29.62	60	W	7	o	29.84	*	51	-16	WSW	7	o	*	0.16	81	46				
	Lyons	29.86	55	SE	1	r	29.95	*	55	-15	SW	1	o	*	0.24	80	51				
	Nice	29.88	60	—	0	c	29.80	-.01	61	-5	W	3	b	5	—	73	54				
	Perpignan	29.89	67	NW	2	o	30.05	.00	63	-1	NW	4	b	*	Trace	76	56				
	Sanguinaire							*													
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)																				
	Lisbon (9 a.m.)	30.19	59	W	3	b	30.19	+.02	61	-1	NNW	3	bc	2	—	65	57				
	Gibraltar	30.05	63	NW	4	b	30.01	*	59	-4	E	1	b	*	—	*	*				
	Azores (P. Delgada)																				
	Azores (Horta)	30.43	60	NE	3	b	29.45	+.01	60	0	NNE	3	o	2	—	66	59				
	Madeira (Funchal)	30.22	63	N	2	bc	30.20	+.02	63	-1	N	2	bc	2	—	66	52				

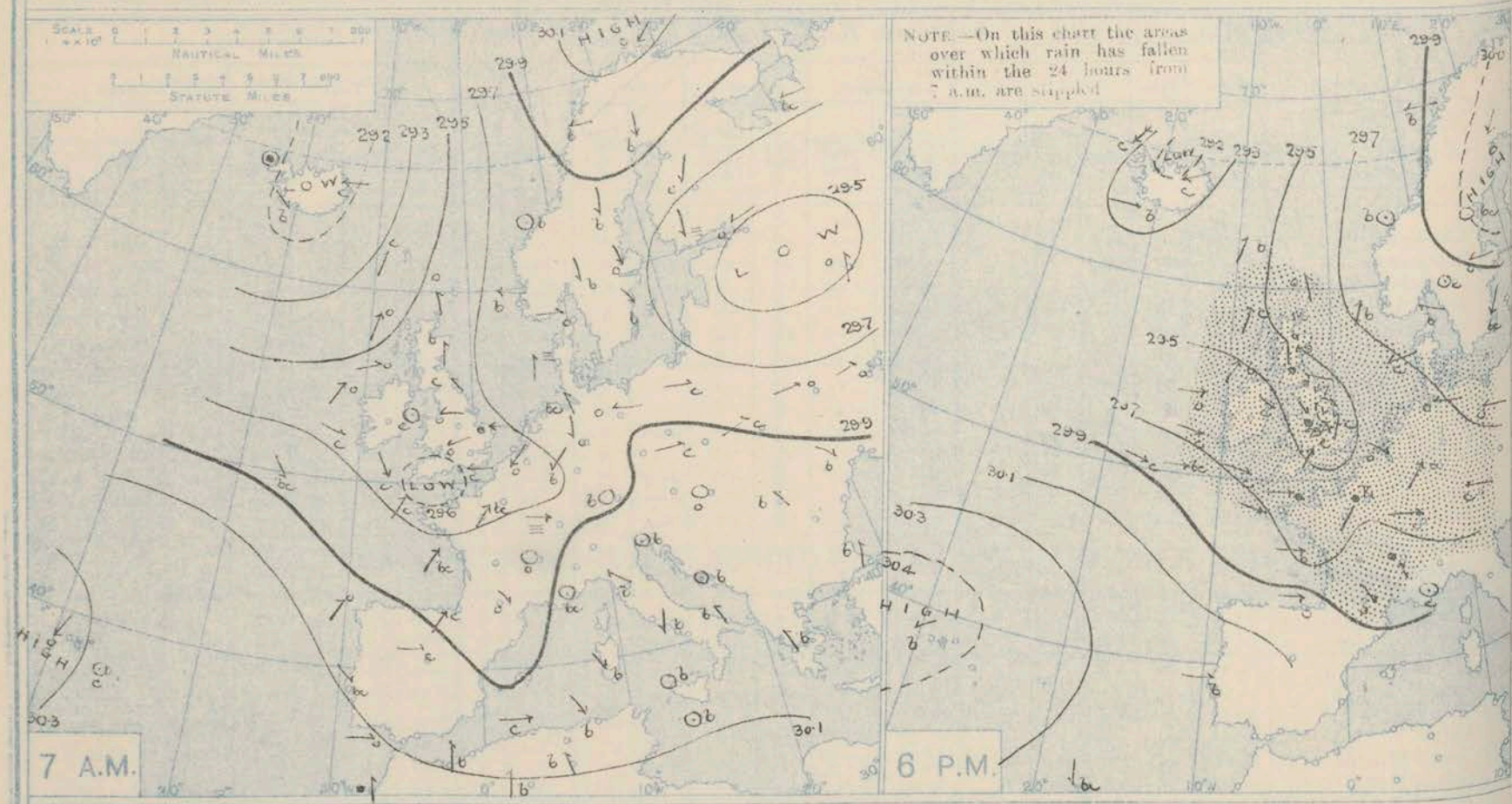
DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

Aberdeen. 7 a.m. 1/5, Just 49 m.p.h. (Force 9.)
Spurn Head, Mod. to 7 a.m. & Force W. 8.

* Information for these columns not usually received.

† Received too late for insertion in Charts.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 15th MARCH



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 68° in London, but in many districts the maxima were below 60° only 50° at Castlebay and Wick. Rain has fallen generally. heavily in north east Britain, nearly an inch at Aberdeen, over 1½ in at Wick. In several localities there was no bright sunshine or less than an hour, the records elsewhere ranging upwards to 9½ hours at Castlebay. A Westerly gale has been blowing at Spurn Head since midnight and Aberdeen reports a gust at the rate of 49 miles per hour. As far west as the 17th meridian ships experienced strong Westerly to North Westerly winds, and fair or fine weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

0 {a, b}, 1, 2 {a, b}, 3, 4 {a, b}, 5 — Wind between West and North, fresh or strong at times locally, moderating generally later; gusty, changeable, some rain and hail showers; cool ground frost inland at night.

FORECAST DISTRICTS.

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

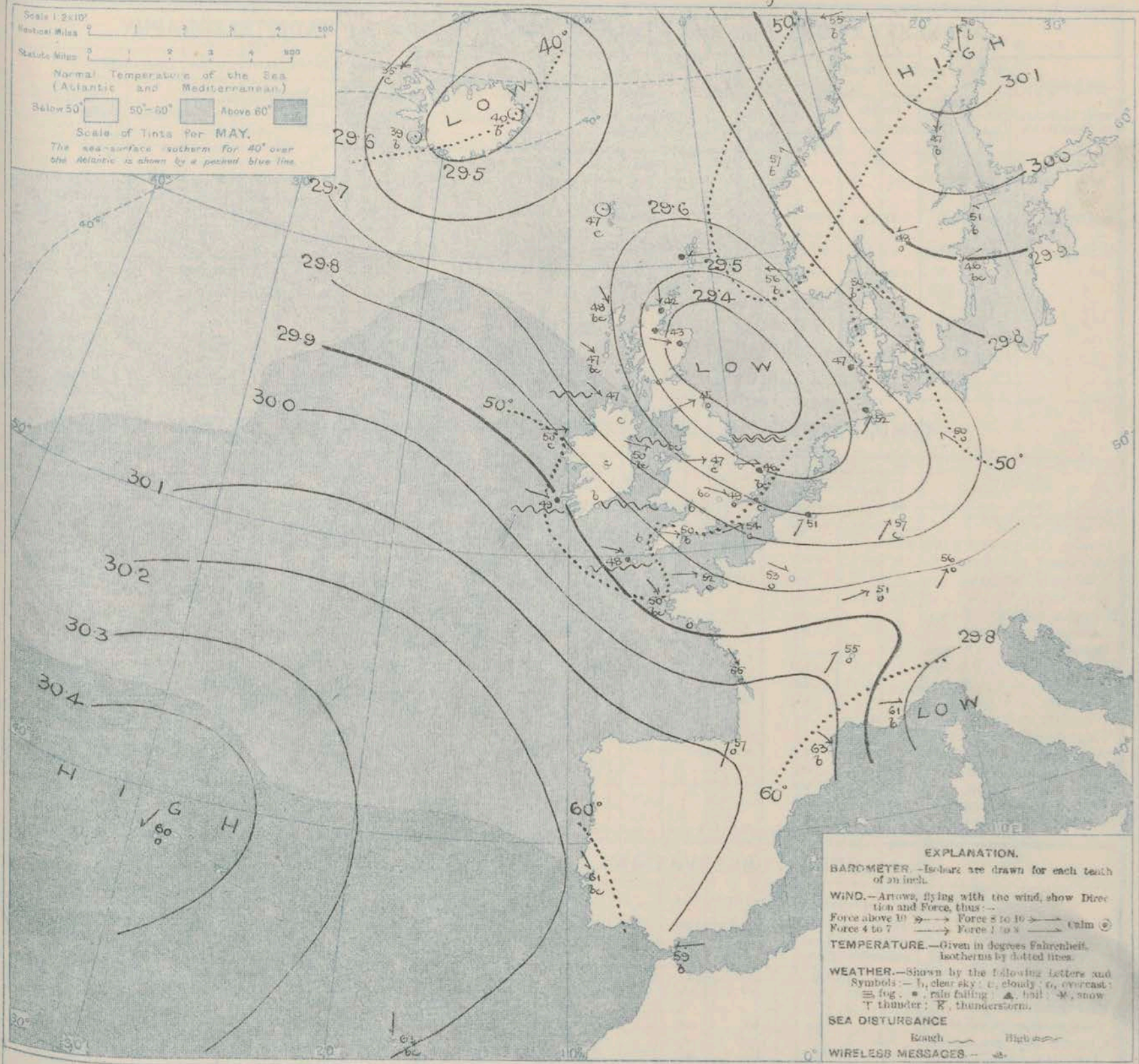
Signals hoisted yesterday	Signals hoisted this morning.
South Cone	South Cone
North Cone	North Cone

6 {a, b}, 7 {a, b}, 8 {a, b}, 9 {a, b}, 10 {a, b} — Same as No. 0.

11 WESTERN CHANNEL AND BAY. Strong North Westerly winds moderating, sea rough to moderate; equally changeable, some rain and hail; cool.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Thursday 16th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The region of highest pressure, with the barometer at about 30½ in., occupies the ocean round the Azores. The central space of a disturbance lies over the North Sea, with the barometer below 29·4 in., and in another over Iceland it is below 29½ in. The gradient is moderate generally.

Over the British Isles and the Bay of Biscay the wind is between West and North, over Eastern France and Western Germany South Westerly, and beyond the North Sea South Easterly, the force in all countries ranging from a light breeze to a strong or high wind. In Iceland calms prevail. There has been a general decrease in temperature over Western Europe. At the home stations the values range from 42° at Wick to 52° at Dungeness; on the Continent from 50° at Berlin and Brest to 63° at Perpignan; in Scandinavia from 47° at Bergen and to 57° at Christiansund; and in Iceland from 35° to 41°. The weather is in a cloudy, cloudy state generally. Rain is falling in the north-east of Scotland, around the lower part of the North Sea, and in the north of Iceland. The sea is rough or rather rough on various sections of the western coasts, elsewhere it is moderate to smooth.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

A depression over the North Sea is not expected to make much progress to the eastward, so that a North Westerly type of weather is likely to hold throughout the British Isles.

DAILY WEATHER REPORT. Thursday, 16th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	In.					°	°	In.				°	°	°	
16th May, 4 a.m.	50	12	29·88	WNW	6-7	Arabic	16th May, 7 a.m.	51	11	29·93	NW	6-7	b	–	–	–	–
15th " 3 p.m.	50	10	29·67	W	6-7	Laconia	15th " 6 p.m.	50	11	29·67	W	6-7	bc	–	–	–	–
" " "	50	17	29·84	NW	6-7	Arabic	" " "	50	16	29·85	WNW	6-7	c	–	–	–	–
" " 4 a.m.	49	20	29·89	NW	4-5		" " 7 a.m.	49	19	29·88	NW	4-5	bc	–	–	–	–

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Stornoway, to 6 p.m.	*	*	*	6·2	–
Oban, to 6 p.m.	54	46	or.e.bc.	2·1	0·22
Dublin (City), to 4 p.m....	59	46	c.o.b.	*	–
Blackpool, to 9 p.m. ...	60	44	bc.o.	2·6	–
Southport, to 6 p.m. ...	61	45	o.bc.c.dr.	2·0	0·04
Rhyl, to 6 p.m.	57	40		4·3	–
†Colwyn Bay, to 6 p.m. ...	58	46	bc	3·0	–
Llandudno, to 9 p.m. ...	61	47	b.o.	3·4	–
Bettws-y-Coed, to 6 p.m...					*
Aberystwyth, to 6 p.m. ...	56	45	b.o.	1·5	–
Plymouth, to 9 p.m. ...	58	51	om.or.o	0·6	0·16
Paignton, to 6 p.m.... ...	57	55	o.d.r.bc.	0·0	0·32.
Torquay, to 6 p.m.	58	52	o.r.o.	0·0	0·36
Teignmouth, to 9 p.m. ...	59	53	r.od.r.c.	0·0	0·39
†Weymouth, to 6 p.m. ...	58	52	or.bc.or.fep	0·0	–
†Bournemouth, to 6 p.m....	61	56	o.c.d.	0·3	0·01
Southsea, to 6 p.m.... ...	62	56	o.c.b.bc.o	2·5	0·02
†Worthing, to 6 p.m. ...	63	55	o.b.c.	6·8	0·07
Carnoustie, to 6 p.m. ...	59	42	b.r.	5·3	–

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
†Brighton, to 6 p.m.	60	54	o.bc.c.b	7·4	0·10
†Seaford, to 6 p.m.	63	53	bc.c.bc.b.	8·1	–
†Eastbourne, to 6 p.m. ...	64	54	o.bc.b.	8·0	0·06
Bexhill-on-Sea, to 9 p.m...	62	54	o.bc.o.w.	7·4	0·11
†Hastings	*	*	*	7·7	*
†Folkestone, to 6 p.m. ...	62	55	c.thr.c.bc.b	7·1	c.13
†Deal, to 6 p.m....	66	53	r.c.bc.b.	6·5	0·10
†Ramsgate, to 6 p.m. ...	*	*	*	6·2	?
†Margate, to 6 p.m.	67	55	thr.o.b.	5·4	0·15
†Felixstowe, to 6 p.m. ...	65	53	o.bc.c.	4·1	0·03
†Lowestoft, to 6 p.m. ...	64	52	c.o.c.	3·3	0·02
†Skegness, to 6 p.m.... ...	59	44	o	0·9	0·05
Scarborough, to 9 p.m. ...	60	48	o.c.oqr	4·6	0·20
†Harrogate, to 6 p.m. ...	63	46	bc.c.or.	3·0	0·43.
Buxton, to 9 p.m.	51	44	bc.r.	0·4	0·52
Darwen, to 9 p.m.	63	48	o.w.b.r.o.	1·6	0·41
Manchester, to 9 p.m. ...					0·31
Birmingham, to 9 p.m. ...	59	48	o.r.	0·0	–
Douglas, 3.0 p.m., to 6 p.m. ...	60	45	b.c.dp	7·0	

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
	%	%	°	°		In.	Hr.
Greenwich (Royal Obsy.) ...	63	70	68	46	b.c.or.b.	0·36	4·5
City (Bunhill Row)	*	*	*	*	*	*	3·2
Westminster (St. James's Pk.)	71	64	66	47	bc.o.r.bc.	0·31	2·7
Camden Sq. (Brit. Rainfall)	64	63	70	46	c.or.bc.	0·21	2·1
Hampstead (Reservoir) ...	*	72	64	44	c.oc.or.c	0·21	1·9
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	67	55	op o.c.o.oq	0·01	1·5
" " (Roof of M.O.)	65	41	68	56		*	

24 Hours ended at 9 a.m. To-day.

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

16th & 17th May, 1912.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.58 / 3.57	11.49 / 11.49	7.40 / 7.41
Greenwich	4.9 / 4.8	11.56 / 11.56	7.43 / 7.44
Wick	3.46 / 3.44	12.8 / 12.8	8.31 / 8.33
Valencia...	4.47 / 4.46	12.37 / 12.37	8.26 / 8.27

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga	–	81	63	bc.c.
Marseilles	–	84	66	b.c.
Malta	–	81	66	c.b.
Algiers	–	102	66	c.c
Tunis	–	100	68	b.b.
Palermo	–	82	57	b.b.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In	°	°	
Rome...	–	80	53	b.b.
Vienna	–	72	50	o.b.
Utrecht	0·08	64	50	c.o.
Zürich	–	*	*	b.b.
Geneva	–	*	*	b.c.
Lugano	–	*	*	b.o.

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday, 17th May, 1912.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	29.63	47	ESE	7	r	29.71	+.02	46	−1	SSE	3	r	3	1.13	49	45	*	or	ovr	ovr
	Stornoway	29.76	51	NNW	5	bcq	29.82	−.01	46	−2	SW	3	r	3	0.02	52	38	12.9	bcq	bcq	bcpd
	Castlebay (Barra Isd.)	29.82	50	WNW	4	b	29.87	+.01	52	+5	W	4	o	3	–	53	46	14.5	bcp.bc	bc.b	b.o
	Malin Head	29.83	50	NNW	5	bcqp	29.91	.00	50	+3	NW	4	bcmq	3	0.01	51	45	*	bcq	bcpq	bcpq
	Blacksod Point	29.99	52	W	6	o	29.99	.00	52	+2	SW	4	m	4	Trace	55	48	*	omq	omq	omp
	Valencia	30.10	53	WNW	5	bc	30.11	.00	52	+3	NSW	2	o	4	0.03	55	48	10.8	bc	bcr	cp
	Roche's Point	30.04	54	NW	5	c	30.10	*	52	+5	NW	2	o	2	0.02	56	47	*	cpq	c	c.o
	Birr Castle	29.96	55	NW	7	c	30.05	*	51	+5	SW	3	c	*	0.05	57	45	11.0	cph	c	c
	Donaghadee						29.98	+.04	47	+2	SSW	2	c	1	Trace	57	44	*	bcp	bc	cq
	Liverpool Obsy.	29.81	51	W	5	b	29.97	+.04	49	+3	W	5	b	4	Trace	54	46	12.0	bp.ftl	b	b.
	Holyhead	29.84	53	WNW	5	bc	30.02	+.02	49	−1	W	4	c	3	–	56	46	*	b	bc	cm
	Pembroke (St. Ann's Hd.)	29.96	51	WNW	5	bc	30.09	+.02	52	+7	W	3	c	4	0.01	54	45	9.0	bcq	cmq	cq
	Newquay	30.00	54	W	5	b	30.12	+.02	53	+3	W	4	o	3	–	55	50	12.8	b	b	b.o.
	Scilly (St. Mary's)	30.04	53	WNW	6	c	30.15	+.01	53	+5	WNW	4	om	4	–	56	47	11.9	b	bc	b
	Jersey (St. Aubin)	30.02	55	WNW	5	b	30.17	+	54	+2	WNW	4	cm	3	0.04	57	46	11.7	b	b.bc	cqp.c.
	Portland Bill	29.90	52	WNW	6	bcq	30.09	+.04	55	+5	WNW	5	b	4	0.04	55	47	14.2	bc	bc.bcq	b.bc
	Dungeness	29.79	53	WSW	4	cp	29.97	+.04	53	−1	WNW	4	bc	3	Trace	60	42	9.8	cqp	cp	c.bc
	Dover	29.81	48	NW	3	bcq	29.98	*	52	0	NW	4	b	4	0.07	58	43	9.3	bcq.bc	bcq.bc	cqr.bc.c
	Wick	29.61	46	NW	5	o	29.81	+.05	46	+4	W	2	b	2	0.27	47	41	*	omqr	ompq	om.bc
	Nairn	29.67	47	NNW	3	o	29.82	*	47	+3	WSW	1	b	†	0.25	49	38	0.0	er	er	c.b.
	Aberdeen	29.56	47	WNW	7	o	29.83	+.06	48	+5	WNW	5	b	3	0.13	48	42	0.1	orq	oq.c	oq.c.b
	Leith	29.59	55	NW	2	c	29.87	+.05	49	+2	WSW	3	b	*	–	56	42	*	o	o.c	c
	North Shields	29.60	50	WNW	3	o	29.88	+.04	45	0	W	3	bc	3	0.09	52	41	0.4	r	o	c
	Spurn Head	29.69	49	WSW	4	c	29.86	+.02	48	−1	WNW	8	cq	7	0.13	53	45	*	cqp	cqp	cqp
	Yarmouth	29.70	51	W	2	c	29.89	+.05	48	+2	W	3	o	2	0.16	55	45	5.1	op.cp	cp.c	cp.c.
	Clacton-on-Sea	29.76	50	W	4	bc	29.94	+.05	49	−1	W	3	bc	2	0.10	57	44	9.9	bcp.bc	bcp.bc	bcp.bc
	Nottingham	29.75	52	NNW	6	bc	29.94	*	50	+3	WNW	6	bm	*	0.12	55	42	7.4	cpftl	rc.bc	bc.c
	Bath	29.87	55	WNW	3	bc	30.07	*	50	+2	W	3	b	*	0.01	57	45	10.4	ftr	–	–
	Oxford	29.88	48	W	4	bc	30.04	*	52	+3	WNW	5	b	*	0.08	55	43	*	bcq	cprft	cpr.bc
	London (Kew Obsy.)	29.83	50	SW	2	bc	30.01	+.05	49	0	W	3	b	*	0.04	56	44	9.2	bc.bc.bc	bc.cr.bc	bc.c.bc
ICELAND & FAEROE.	Isafjord	29.63	38	NE	4	o	29.65	.00	35	0	–	0	bc	*	*	*	*				
	Reykjavik	29.46	48	–	0	c	29.48	.00	42	+3	SE	1	b	*	*	*	*				
	Vestmanna	29.56	47	ENE	1	c	29.49	−.02	42	+1	E	3	r	1	*	*	*				
	Seydisfjord	29.58	54	SW	2	b	29.67	.00	38	−2	E	2	f	*	*	*	*				
	Thorshavn	29.73	47	–	0	o	29.66	−.01	45	−2	–	0	bc	*	*	*	*				
SCANDINAVIA.	Haparanda	30.17	52	E	2	b	30.21	+.01	42	−8	ENE	4	b	*	–	64	36				
	Hernösand	30.10	49	N	2	b	30.08	+.02	46	−1	N	2	b	*	–	52	39				
	Stockholm	29.94	50	SE	2	b	29.91	−.01	50	−1	NW	2	o	*	–	61	39				
	Wisby	29.87	48	E	4	b	29.87	.00	48	+2	NNE	4	b	*	–	57	41				
	Karlstad	29.88	56	–	0	b	29.94	.00	52	+4	N	1	b	*	–	64	41				
	Færder (X'iania Fjord)	29.82	53	ENE	2	c	29.90	+.01	50	+1	ENE	2	b	2	–	54	48				
	Bodö	29.99	56	E	2	b	30.04	−.01	55	0	ESE	4	b	1	–	59	48				
	Christiansund	29.81	59	SSE	2	b	29.88	+.04	58	+1	ESE	1	b	1	–	63	52				
	Skudesnaes	29.82	52	ESE	6	o	29.83	+.02	52	−4	SE	2	c	2	–	57	50				
	The Scaw (Skagen)	29.79	51	ESE	2	bc	29.84	+.01	52	+2	ENE	3	c	1	–	57	46				
	Blaavands Huk	29.64	49	SSE	3	r	29.79	+.04	48	+1	WNW	2	o	2	0.67	50	46				
GERMANY, &c.	Cuxhaven	29.68	50	W	3	o	29.82	+.07	54	+2	WSW	3	b	*	1.06	59	46				
	The Helder	29.71	50	WSW	4	b	29.84	+.04	49	−2	WSW	3	r	2	0.04	54	48				
	Brussels	29.84	43	SW	2	b	29.89	+.04	45	−6	WSW	2	r	*	0.20	59	41				
	Berlin	29.62	57	E	1	o	29.80	+.02	50	0	NW	3	c	*	0.35	61	48				
	Frankfurt	29.78	52	SW	1	o	29.93	+.02	48	−9	SW	4	b	*	0.12	63	45				
	Munich	29.84	52	W	4	o	30.00	+.05	44	−12	SW	5	o	*	0.28	63	41				
FRANCE.	C. Gris Nez	29.83	53	W	1	b	29.99	+.05	50	−3	W	5	bc	4	0.04	59	48				
	La Hève	29.93	55	NW	5	o	30.10	*	52	0	WNW	4	o	4	0.16	57	46				
	Brest (St. Mathieu)	30.14	54	NW	5	b	30.24	+.01	52	+2	NW	4	o	3	–	63	48				
	Lorient (Bec Melen)	30.06	57	NW	5	bc	30.18	*	54	+3	NW	4	o	4	–	59	48				
	Rochefort (Ile d'Aix)	30.10	57	NW	5	c	30.25	*	56	+1	ESE	2	o	*	–	59	50				
	Biarritz	30.22	58	WNW	4	c	30.26	*	57	0	NNE	2	c	5	–	59	54				
	Paris	29.91	55	WNW	3	b	30.10	+.03	51	−2	W	3	c	*	0.43	60	41				
	Belfort	29.94	45	W	5	r	30.13	*	42	−9	W	6	r	*	0.43	59	39				
	Lyons	30.00	51	W	4	r	30.21	*	48	−7	NW	1	c	*	0.12	61	42				
	Nice	29.78	69	W	2	b	29.84	+.08	63	+2	–	0	b	3	–	77	54				
	Perpignan	30.06	64	NW	4	o	30.21	+.02	57	−6	NW	4	b	*	–	74	52				
	Sanguinaire							*													
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)	30.40	59	NW	2	b	30.34	.00	55	0	NE	2	b	3	–	61	52				
	Lisbon (9 a.m.)	30.11	61	NNW	5	b	?30.20	.00	68	+7	N	4	b	6	–	73	59				
	Gibraltar	29.99	66	E	3	b	29.93	*	67	+8	E	4	b	*	–	*	*				
	Azores (P. Delgada)																				
	Azores (Horta)	30.47	61	NE	3	o	30.41	−.01	60	0	NE	3	o	3	–	66	59				
	Madeira (Funchal)	30.18	64	N	3	bc	30.13	.00	64	+1	N	3	bc	3	–	66	52				

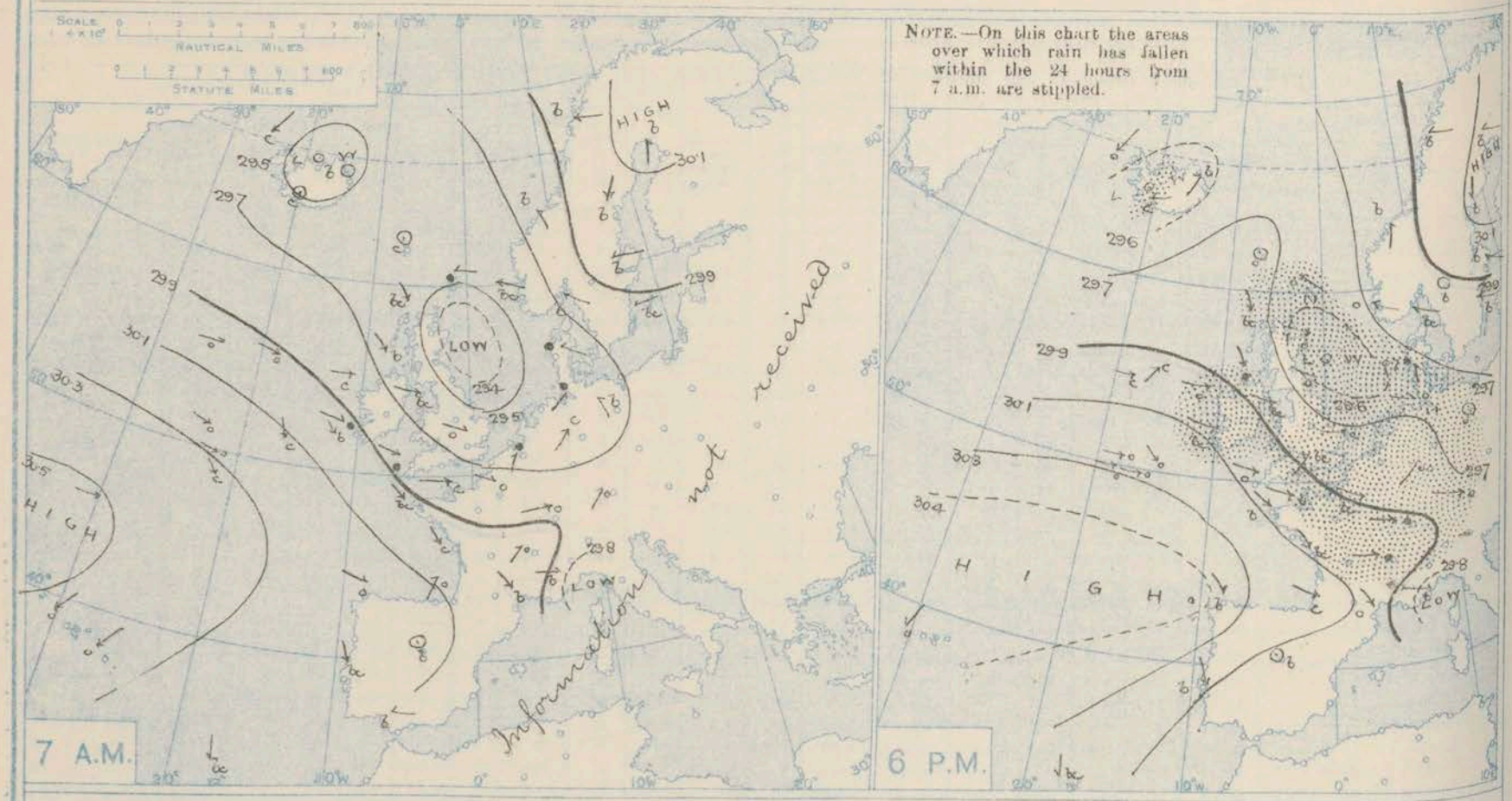
DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

Aberdeen { 8 a.m. and 11 a.m. Squall 56 m.p.h. (Force 10). 5 p.m. Extreme W.N.W. 8.
Spurn Head { 7 a.m. to 2 p.m. " W. 8 at 11 a.m. 11 p.m. to 7 a.m. " W. 8.

* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



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

NOTES ON YESTERDAY'S WEATHER.

Yesterday was very cool over the British Isles only Brighton and Dungeness touching 60°. At Lerwick the rainfall exceeded an inch, but over the rest of the kingdom the amounts generally were very small. Thunderstorms and hail occurred in several southern counties of England. There was little or no bright sunshine on the north-east coast of Britain, but other districts had large records, up to 14·2 hours at Weymouth, and 14·5 at Castlebay. A Westerly gale was experienced at Aberdeen and Spurn Head, with squalls at the rate of 56 miles per hour at the former station. As far west as the 22nd meridian ships experienced moderate to strong Westerly winds, and cloudy to dull weather.

WEATHER PROSPECTS:

FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

0 a, b; 1 — Wind backing South-Westerly and freshening somewhat; fine to dull, rain at times; cool.

2 a, b; 3 — North-Westerly and Westerly breezes, fresh at times; fine generally, occasionally gusty.

4 a, b; 5 — with local passing showers; cool.

FORECAST DISTRICTS.

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.

6 a, b — Same as Nos. 0 and 1.

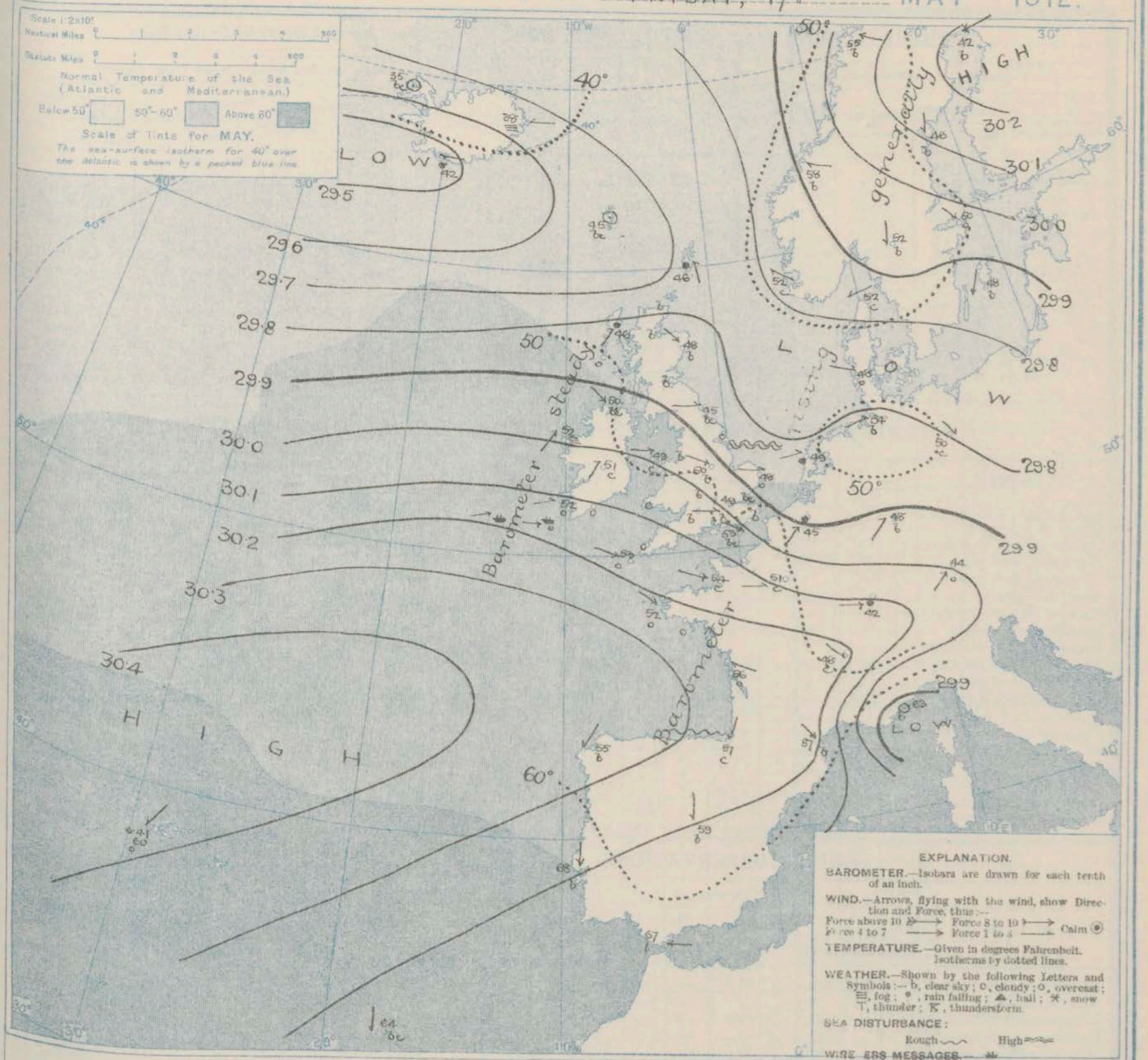
7 a, b; 8 a, b — Same as Nos. 2 to 5.

9 a, b; 10 a, b — Same as Nos. 0 and 1.

11 WESTERN CHANNEL AND BAY. North-Westerly and Westerly breezes, fresh at times; slight to moderate sea; fine generally; local showers and mist; cool.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. FRIDAY, 17TH MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large anticyclone extends from Western Europe to Mid-Atlantic, with the barometer above 30·4 in. at the Azores. In another high pressure system over Northern Europe the barometer is above 30·2 in. in Lapland. In a depression on the south coast of Iceland pressure is below 29½ in.

Calms and light variable breezes prevail over Iceland, light to moderate Northerly to Easterly breezes over Scandinavia, and South Westerly to North Westerly over the British Isles and Western Europe, varying greatly in force, locally fresh or strong, a gale at Spurn Head.

At the home stations temperature ranges from 45° at North Shields to 55° at Portland Bill; over Western Europe from 42° at Belfort to 63° at Nice, and 67° at Gibraltar, in Scandinavia from 42° at Haparanda to 58° at Christiansund; and in Iceland from 35° to 42°. The weather is fine over the greater part of the region under observation, but rain is falling at Stornoway and Lerwick, in the Lord Countries, in the Vosges, and in the south of Iceland. A high sea is running at the mouth of the Humber, and it is rather rough off Biarritz, elsewhere it is moderate to very smooth.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

Under the influence of a depression situated near Iceland the wind will become South-Westerly on our western and northern coasts, but no great change in the weather is expected over the country generally.

DAILY WEATHER REPORT. Friday, 17th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS.

Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.
	°	°	In.			
17th May 4 a.m.	50	14	30·19	W	1-3	Haverford
" " "	51	11	30·22	WNW	4-5	Baltic
16th " 3 p.m.	49	17	30·31	NW	1-3	Baltic
" " "	54	20	29·96	W	6-7	Virginian
" " "	49	19	30·28	W	4-5	Laconia
" " "	49	18	30·33	WNW	1-3	Haverford
" " "	55	15	30·00	SW	4-5	Carthaginian
" " 4 a.m.	55	19	30·00	WNW	4-5	Carthaginian
" " "	45	27	30·48	W	8-9	Rosalia
" " "	54	23	29·92	W	4-5	Virginian
" " "	50	22	30·23	NW	4-5	Sicilian
" " "	50	15	29·98	NW	8-9	Laconia
" " "	48	21	30·29	NW	4-5	Haverford
" " "	48	21	30·26	NW	1-3	Baltic
" " 3 p.m.	50	19	30·30	WNW	4-5	Sicilian

OBSERVATIONS PLOTTED ON THE CHARTS.

Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance
	°	°	In.				°	°	°	
17th May, 7 a.m.	50	13	30·18	WSW	4-5	0	–	–	–	–
" " "	51	10	29·19	W	4-5	0	–	–	–	–
16th " 6 p.m.	?50	?15	30·30	NW	4-5	0	–	–	–	–
" " "	54	18	29·96	W	6-7	c	–	–	–	–
" " "	49	20	30·29	W	4-5	0	–	–	–	–
" " "	49	17	30·31	W	4-5	0	–	–	–	–
" " "	55	15	30·00	SW	4-5	c	–	–	–	–
" " 7 a.m.	55	18	30·00	WNW	4-5	0	–	–	–	–
" " "	45	29	30·55	W	4-5	bc	–	–	–	–
" " "	54	23	29·92	W	1-3	0	–	–	–	–
" " "	50	21	30·23	WNW	4-5	0	–	–	–	–
" " "	50	16	30·12	NW	6-7	c	–	–	–	–
" " "	48	20	30·30	NW	4-5	c	–	–	–	–
" " "	49	20	30·29	WNW	4-5	0	–	–	–	–
" " "	50	18	30·27	W	4-5	0	–	–	–	–

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Stonehaven, to 6 p.m.	*	*	*	0·7	0·83
Oban, to 6 p.m.	54	44	b.bc.c.b.	8·8	0·02
Dublin (City), to 4 p.m....	57	39	bc.ph.bc	*	0·05
Blackpool, to 9 p.m. ...	54	41	c.bh.r.b.	10·0	0·13
Southport, to 6 p.m. ...	54	45	ovh.fo.bq.b	10·6	0·05
Rhyl, to 6 p.m....	58	40	bc.o.c.	4·7	–
†Colwyn Bay, to 6 p.m. ...	55	44	p.bc.	10·6	0·04
Llandudno, to 9 p.m. ...	58	45	o.hp.bcb	11·1	0·01
Bettws-y-Coed, to 6 p.m...					*
Aberystwyth, to 6 p.m. ...	54	46	chp.b.bc.	7·3	0·07
Plymouth, to 9 p.m. ...	57	45	c.bq.cb.	13·3	0·04
†Paignton, to 6 p.m.... ...	57	43	q.bc.qp.bcp.	11·5	0·13
Torquay, to 6 p.m.	59	44	bc.bcp.v.	11·3	0·08
Teignmouth, to 6 p.m. ...	58	45	q.bc.qp	12·0	0·05
†Weymouth, to 6 p.m. ...	57	46	bc.bpr.c	14·2	0·07
†Bournemouth, to 6 p.m....	59	45	c.bc.b.r.	12·6	0·22
Southsea, to 6 p.m.... ...	56	48	c.bc.b.c.	10·2	0·06
†Worthing, to 6 p.m. ...	59	47	p.t.	10·4	0·19
Carnoustie, to 6 p.m. ...	51	43	o	0·0	0·69

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
† Brighton, to 6 p.m.	60	48	c.or.o.cb	10·0	0·22
† Seaford, to 6 p.m.	58	45	bc.r.bc.r.	8·2	0·29
† Eastbourne, to 6 p.m. ...	59	47	oqhr.o.bc	8·5	0·35
Bexhill-on-Sea, to 9 p.m...	57	48	bc.p.o.	9·5	0·38
† Hastings	*	*	*	9·1	*
† Folkestone, to 6 p.m. ...	58	46	bc.c.r.bc	9·9	0·14
† Deal, to 6 p.m....	57	46	or.bc.pq	7·6	0·17
† Ramsgate, to 6 p.m. ...	*	*	*	9·6	0·22
† Margate, to 6 p.m.	58	50	r.b.	8·6	0·14
† Felixstowe, to 6 p.m. ...	58	45	bq.bqr	10·4	0·09
† Lowestoft, to 6 p.m. ...	54	46	c.bc.oqhbc	6·1	0·28
† Skegness, to 6 p.m.... ...	55	36	p.o.	6·0	0·07
Scarborough, to 9 p.m. ...	55	44	o.c.b.o	0·0	0·34
† Harrogate, to 6 p.m. ...	54	41	op.c.bc.op	5·1	0·08
Buxton, to 9 p.m.	51	38	bc.bc.r.b.	? 6·3	0·90
Darwen, to 9 p.m.	52	39	or.bc.p.bc.	5·5	0·32
Manchester, to 9 p.m. ...	54	44	orch.c.bcb	5·2	0·23
Birmingham, to 9 p.m. ...	54	40	r.c.rhh.c	9·1	0·21
Douglas (S.O.), to 6 p.m. ...	53	42	q	12·5	0·02

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
	%	%				In.	Hr.
Greenwich (Royal Obsy.) ...	57	60	58	43	bc.r.h.q.	0·02	10·9
City (Bunhill Row)	*	*	*	*	*	*	9·7
Westminster (St. James's Pk.)	64	66	58	45	r.bc.r.bc.	0·02	10·3
Camden Sq. (Brit. Rainfall)	45	55	59	43	bc.qp.c.	0·02	7·8
Hampstead (Reservoir) ...	*	64	56	41	bcph.bc.c	0·02	10·2
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	62	47	c.bc.op.o.c.r.bc.op.c	0·27	9·0
" " (Roof of M.O.)	61	60	63	47		*	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

17th & 18th May, 1912.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.57 / 3.55	11.49 / 11.49	7.41 / 7.42
Greenwich	4.8 / 4.6	11.56 / 11.56	7.44 / 7.46
Wick	3.44 / 3.42	12.8 / 12.8	8.33 / 8.35
Valencia...	4.46 / 4.45	12.37 / 12.37	8.27 / 8.28

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga				
Marseilles				
Malta		Not received.		
Algiers				
Tunis				
Palermo				

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In	°	°	
Rome...				
Vienna				
Utrecht		Not received.		
Zürich		*	*	
Geneva		*	*	
Lugano		*	*	

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday 18th February 1912.

	Stations.	Yesterday Evening. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	This Morning 7 a.m., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Temp. Dry Bulb.	Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	Past 24 Hours. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
British Islands.	Lerwick	29.81	49	SSE	2	bc	29.78	-.03	47	+1	SE	3	o	4	0.15	53	45	*	bc	bc	omp
	Stornoway	29.73	51	S	6	ogp	29.76	+.03	46	0	W	4	bc	4	0.12	57	41	5.6	bcq	bc.opq	o.bc.pq
	Castlebay (Barra Isd.)	29.76	51	SSW	5	op	29.83	+.04	49	-3	WNW	4	bc	4	0.05	52	45	4.2	o.c.om	om.op	p.bp.bc
	Malin Head	29.82	52	W	3	op	29.89	+.05	48	-2	WNW	3	c	3	0.02	58	45	*	bc	ompq	ompq
	Blacksod Point	29.87	53	SSW	5	o	29.95	+.01	50	-2	SSW	3	c	3	Trace	56	45	*	om	omq	op
	Valencia	30.00	53	WSW	4	op	30.02	.00	51	-1	WNW	1	c	4	0.02	58	50	1.3	o	o.op	bc
	Roche's Point	30.02	54	WSW	4	og	30.03	*	49	-3	N	2	o	2	—	59	48	*	o.c	c.og	o.bc.o
	Birr Castle	29.93	56	SW	4	c	29.97	*	48	-3	SW	2	bc	*	0.03	61	44	5.9	c	c	op.bc
	Donaghadee	29.91	56	SSW	3	c	29.93	+.03	46	-1	SSW	3	bc	2	Trace	60	44	*	cg	cw	omp.bc
	Liverpool Obsy.	30.00	58	WNW	2	b	29.95	+.02	50	+1	W	4	c	?	—	59	49	11.3	bc	b	bc
	Holyhead	29.97	53	SW	3	bm	29.95	+.01	53	+4	W	3	bc	2	—	59	48	*	cm	bm	bcm
	Pembroke (St. Ann's Hd.)	30.04	52	SSW	4	c	30.00	+.02	51	-1	W	2	c	3	Trace	56	50	7.5	c	bc	cg
	Newquay	30.11	53	SW	3	o	30.05	+.01	53	0	SW	1	o	2	0.02	58	50	3.0	o.bc	bc.op.o	c
	Scilly (St. Mary's)	30.13	55	W	4	cgm	30.05	-.02	51	-2	W	2	cmgp	3	0.09	60	50	1.6	mq	omgp	mgp
	Jersey (St. Aubin)	30.18	56	W	4	bm	30.11	*	54	0	SW	3	ogm	3	—	58	50	9.8	op.bcm	b.bc.b	cm.om
	Portland Bill	30.08	55	WNW	4	b	30.04	-.01	53	-2	W	4	b	3	Trace	56	50	11.5	bc	bc	bc.cp
	Dungeness	30.04	55	SW	3	c	30.01	?	54	+1	SW	4	o	4	—	61	51	7.6	cq	c	c.o
	Dover	30.05	53	SW	2	bc	30.04	*	52	0	SW	3	o	4	—	58	47	7.9	b.bc	bc.c	bc.c.o
	Wick	29.81	51	WSW	3	c	29.72	+.03	49	+3	W	3	bc	8	0.06	54	44	*	cp	cgp	cm.bc
	Nairn	29.80	55	SW	1	c	29.77	*	48	+1	W	3	b	1	0.02	61	38	8.7	b	cw	b
	Aberdeen	29.85	50	SSE	1	c	29.79	+.03	52	+4	WNW	3	b	2	0.04	58	47	10.1	b.bc.c	bc.c	cp.bc.b
	Leith	29.89	58	WSW	2	bc	29.83	+.02	50	+1	SW	3	b	*	Trace	62	47	*	b.bc	c.bc	bc
	North Shields	29.94	51	SE	3	c	29.88	.00	52	+7	WSW	3	c	2	—	56	42	8.1	c	o	c
	Spurn Head	29.96	50	SE	3	c	29.92	-.01	51	+3	SW	4	c	4	—	56	46	*	cq	cq	bc.c
	Yarmouth	29.99	56	W	2	c	29.97	.00	51	+3	WSW	2	b	1	—	60	45	6.3	o.c.bc	bc.c	bc.b
	Clacton-on-Sea	30.02	59	WNW	2	c	30.01	.00	53	+4	WSW	2	o	2	—	60	48	8.1	bc.c	c.bc.o	c.o
	Nottingham	29.97	59	W	2	c	29.93	*	53	+3	W	2	c	*	—	60	44	8.5	bc	c	c.b
	Bath	30.07	58	W	2	o	30.02	*	54	+4	WSW	2	o	*	—	61	50	9.6	—	—	—
	Oxford	30.06	54	WSW	4	b	30.01	*	55	+3	WSW	3	o	*	—	60	48	*	bc.c	c.bc	bm.b.o
	London (Kew Obsy.)	30.05	60	W	1	c	30.01	.00	54	+5	SW	2	o	*	—	61	47	8.7	b.bc.c.b	bc.c	c.bc.b
Iceland & Faeroe.	Isafjord	29.65	41	E	4	bc	29.73	+.03	37	+2	—	0	o	*	*	*	*				
	Reykjavik	29.54	52	SE	1	r	29.63	+.03	42	0	N	3	c	*	*	*	*				
	Vestmanna	29.54	46	—	0	o	29.65	+.03	42	0	—	0	bc	5	*	*	*				
	Seydisfjord	29.62	48	NE	4	o	29.66	+.01	37	-1	—	0	o	*	*	*	*				
	Thorshavn	29.60	48	S	4	o	29.62	+.01	47	+2	SW	2	bc	*	*	*	*				
Scandinavia.	Haparanda	30.12	40	NE	4	b	30.05	-.03	39	-3	ENE	6	c	*	—	55	32				
	Hernösand	30.06	41	N	2	b	29.99	.00	44	-2	NE	2	b	*	—	50	36				
	Stockholm	29.93	44	N	2	b	29.94	+.02	44	-6	ENE	2	c	*	—	55	32				
	Wisby	29.88	45	ENE	4	c	29.89	+.01	42	-6	ENE	2	b	*	—	52	37				
	Karlstad	29.89	54	E	4	bc	29.91	.00	48	-4	SE	2	b	*	—	63	37				
	Færder (X'iania Fjord)	29.86	59	WSW	1	b	29.88	+.01	48	-2	NE	2	o	2	—	59	48				
	Bodö	30.00	53	E	2	b	29.95	-.01	50	-5	E	4	b	2	—	57	46				
	Christiansund	29.85	58	—	0	b	29.78	-.01	53	-5	—	0	bc	1	—	61	46				
	Skudesnaes	29.88	47	WSW	2	r	29.85	-.01	48	-4	—	0	o	2	0.28	?52	45				
	The Scaw (Skagen)	29.86	51	W	1	o	29.85	+.01	51	-1	—	0	o	0	—	61	46				
	Blaavands Huk	29.91	47	WNW	1	m	29.91	+.01	52	+4	W	1	b	1	—	54	45				
Germany, &c.	Cuxhaven	29.91	53	W	1	o	29.93	+.02	54	0	N	2	c	*	—	57	45				
	The Helder	29.93	50	W	6	o	29.99	+.01	50	+1	SW	1	b	1	0.12	50	48				
	Brussels	30.06	50	W	1	b	30.06	.00	50	+5	WSW	2	o	*	0.08	57	44				
	Berlin	29.89	56	W	4	b	29.95	+.01	49	-1	W	3	c	*	—	59	46				
	Frankfurt	30.04	50	SW	2	o	30.02	+.01	50	+2	SW	2	c	*	—	59	46				
	Munich	30.11	45	SW	5	c	30.15	+.01	48	+4	SW	5	o	*	0.12	50	?44				
France.	C. Gris Nez	30.07	53	WSW	5	c	30.06	-.01	53	+3	SW	5	o	4	—	57	?50				
	La Hève	30.13	50	WNW	4	bc	30.11	*	52	0	SW	3	o	3	—	59	48				
	Brest (St. Mathieu)	30.23	59	WNW	3	bc	30.14	-.01	54	+2	W	2	o	2	—	64	50				
	Lorient (Bec Melen)	30.17	58	W	4	c	30.10	*	54	0	NE	1	o	3	—	64	48				
	Rochefort (Ile d' Aix)	30.20	59	NW	3	b	30.14	*	54	-2	E	2	b	*	—	64	48				
	Biarritz	30.19	61	?NW	3	bc	30.08	*	52	-5	ENE	2	b	3	—	64	48				
	Paris	30.13	58	NW	2	b	30.15	+.01	49	-2	SSW	2	o	*	—	63	41				
	Belfort	30.18	47	W	4	o	30.21	*	47	+5	W	2	m	*	0.12	55	42				
	Lyons	30.19	58	E	2	c	30.17	*	57	+9	E	1	b	*	—	63	42				
	Nice	29.91	61	E	2	b	30.00	+.02	65	+2	—	0	b	2	—	70	50				
	Perpignan	30.12	64	NW	3	b	30.09	-.02	60	+3	W	2	b	*	—	69	46				
	Sanguinaire	29.91	59	WNW	5	m	29.96	*	62	+1	SE	2	m	3	—	63	52				
Spain, Portugal, &c.	Corunna (8 a.m.)	30.17	61	NNE	3	b	30.17	.00	57	+2	NE	1	b	5	—	63	52				
	Lisbon (9 a.m.)																				
	Gibraltar	29.97	66	E	3	b	29.93	*	64	-3	E	3	o	*	—	*	*				
	Azores (P. Delgada)																				
	Azores (Horta)	30.36	60	NE	3	o	30.27	-.01	59	-1	—	0	o	1	—	66	55				
	Madeira (Funchal)	30.10	65	N	3	bc	30.04	-.01	64	0	N	3	c	2	—	66	52				

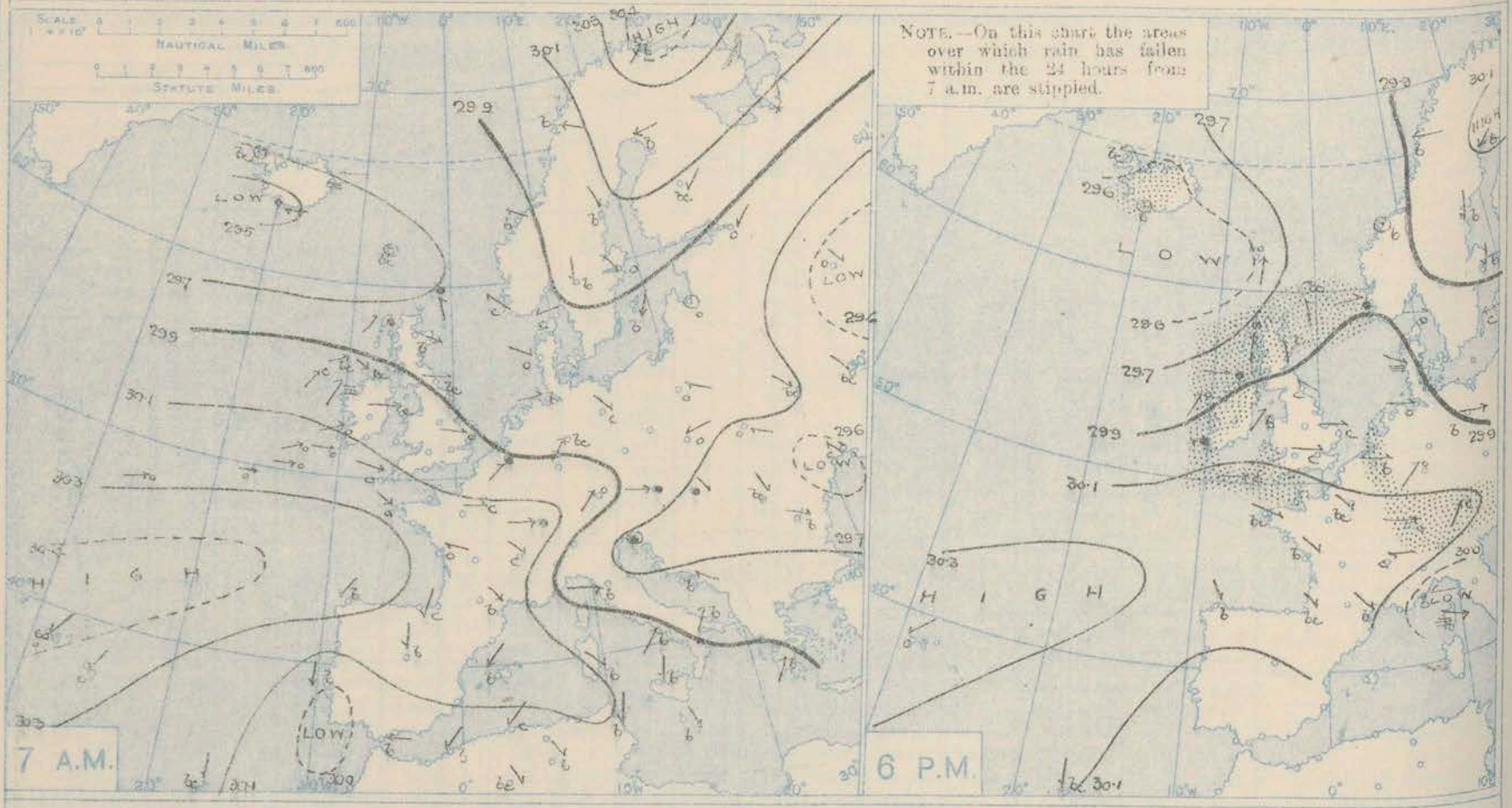
DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

Spurn Head. 7 a.m. – Noon. Extreme W. N.W. 8 at 10 a.m.

* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 60° and upwards in various parts of the British Isles, to 64° at Carnsuchie. Showers occurred in most districts, the amounts measured being small. The duration of bright sunshine ranged from a little more than an hour at Valencia to just over 12 hours at Rhyl. As far west as the 26th meridian ships experienced light to fresh Westerly and South Westerly breezes, and fine to dull weather. The Westerly gale at Spurn Head ended at Noon.

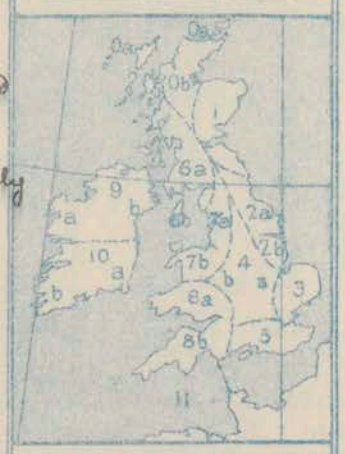
WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

0 {a, b}, 1, 2 {a, b}, 3†, 4 {a, b}, 5

Wind mainly Westerly and South Westerly, fresh occasionally in places; generally fair or fine, local passing showers; cool to moderate temperature.

FORECAST DISTRICTS.



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

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

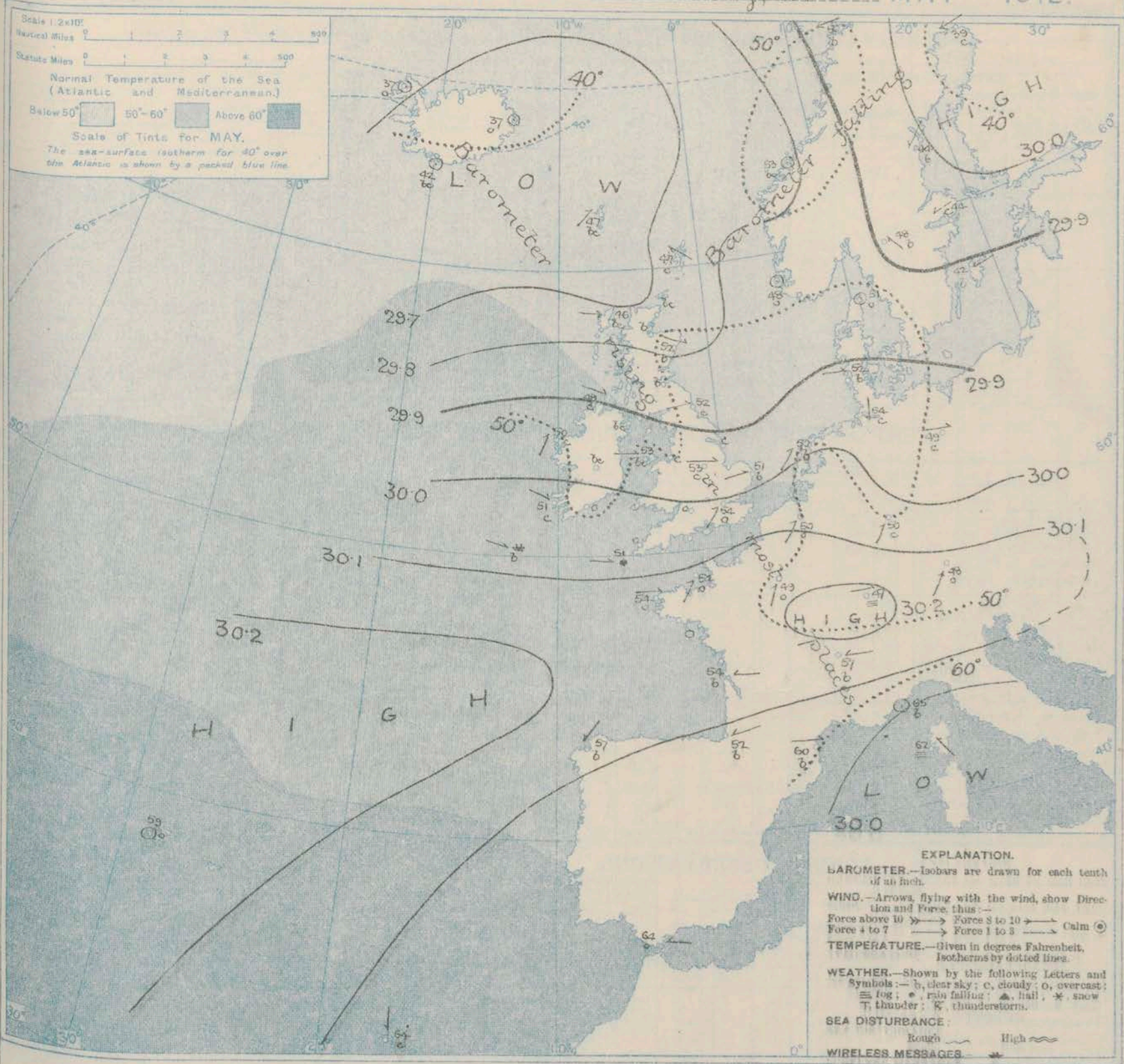
Same as No. 0 – 5.

11 WESTERN CHANNEL AND BAY.
Westerly and South Westerly winds occasionally fresh; sea smooth to moderate; fine to dull, some passing showers and mist; cool

THE FURTHER OUTLOOK. (All Districts.)

Similar weather continuing.

SYNOPTIC CHART FOR 7 A.M. Saturday, 18th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An area of high pressure extends from Central Europe westward to Mid-Atlantic, the barometer being above 30·2 in. in Eastern France and at the Azores. In a very shallow depression between the north of Scotland and Iceland pressure is below 29·7 in. The gradient is slight.

Easterly to North-Easterly breezes prevail over Scandinavia, but over the rest of our area the direction is mostly Westerly or South-Westerly. As a rule the force is moderate to very light. Over the British Isles temperature ranges from 46° at Donaghadee and Stornoway to 53° or 54° in many parts of England; on the Continent from 47° at Belfast to 65° at Nice; in Scandinavia from 39° at Haparanda to 53° at Christiansund; and in Iceland from 34° to 42°. Showers are reported at Scilly and in the north of Iceland, the weather in other regions varying from very fine and clear to overcast and dull. The sea is moderate to very smooth on all coasts.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The variations of pressure in progress are slight and irregular, and indicate no important change in the general weather situation.

DAILY WEATHER REPORT. Saturday, 18th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS.

Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.
	°	°	In.			
18th May, 10 a.m.	50	11	30·05	WNW	1-3	Ausonia
17th " 3 p.m.	50	10	30·14	W	6-7	Montfort
" " "	51	9	30·13	SW	4-5	Adriatic
" " "	50	12	30·13	WSW	4-5	Sicilian
" " 10 a.m.	50	13	30·16	WSW	4-5	
" " 4 a.m.	50	15	30·26	WSW	4-5	
" " "	47	23	30·25	WSW	4-5	Laconia
" " "	50	15	?30·16	W	4-5	Olympic
" " "	55	14	29·90	WSW	4-5	Virginian
" " "	55	12	29·95	WSW	4-5	Victorian
" " "	55	11	30·00	W	1-3	Carthaginian

OBSERVATIONS PLOTTED ON THE CHARTS.

Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance
	°	°	In.				°	°	°	
18th May, 7 a.m.	50	12	30·02	WNW	1-3	b	–	–	–	–
17th " 6 p.m.	50	10	30·13	W	6-7	c	–	–	–	–
" " "	51	10	30·10	SW	4-5	c	–	–	–	–
" " "	50	11	30·09	SW	4-5	c	–	–	–	–
" " 1 p.m.	50	12	30·15	WSW	4-5	bc	–	–	–	–
" " 7 a.m.	50	14	30·22	W	6-7	o	–	–	–	–
" " "	47	25	30·24	WSW	4-5	o	–	–	–	–
" " "	49	17	?30·13	?	?	o	–	–	–	–
" " "	55	12	29·85	SW	4-5	c	–	–	–	–
" " "	55	11	29·94	WSW	4-5	bc	–	–	–	–
" " "	55	10	29·96	WSW	4-5	bc	–	–	–	–

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

Stations.	Temperature F. Max	Temperature F. Min	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Stonehaven, to 6 p.m.	*	*	*	10·2	0·15
Oban, to 6 p.m.	54	41	bc.c.or	6·7	0·13
Dublin (City), to 4 p.m. ...				*	
Blackpool, to 6 p.m. ...	56	48	c.bc.t	8·7	–
Southport, to 6 p.m. ...	57	47	o.bc.c.bco	8·7	–
Rhyl, to 6 p.m.	61	42	bc.m.bc.t	12·1	–
†Colwyn Bay, to 6 p.m. ...	60	46	bc.b.b.	11·5	–
Llandudno, to 9 p.m. ...	62	47	bc.c.b.	11·6	–
Bettws-y-Coed, to 6 p.m. ...				*	
†Aberystwyth, to 6 p.m. ...	56	46	o.c.b.b.bc	7·0	–
Plymouth, to 9 p.m. ...	62	48	og.o.c.bo.	2·3	–
†Paignton, to 6 p.m.	62	43	b.bc.og.o	3·4	–
Torquay, to 6 p.m.	62	46	bc.c.ou.	4·1	0·01
Teignmouth, to 9 p.m. ...	63	46	b.bc.c.	4·4	–
†Weymouth, to 6 p.m. ...	62	46	bc.	11·5	–
†Bournemouth, to 6 p.m. ...	62	45	c.bc.b.o	9·0	–
Southsea, to 6 p.m.	60	46	bc.c.bc.c	8·3	–
†Worthing, to 6 p.m. ...	62	43	c.b.	9·5	0·10
Carnoustie, to 6 p.m. ...	64	41	b.	11·3	Trace

† At this Station the amount of Bright Sunshine is for the whole day.

Stations.	Temperature F. Max	Temperature F. Min	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Weston-Super-Mare, to 6 p.m. ...	58	47	bc.b.	6·0	–
†Brighton, to 6 p.m.	62	48	c.bc.o.b.bc	8·6	0·06
†Seaford, to 6 p.m.	60	45	b.d.bc.f	8·2	0·02
†Eastbourne, to 6 p.m. ...	58	45	bbc.o.	10·7	0·04
Bexhill-on-Sea, to 9 p.m. ...	61	44	bov.c	8·9	0·29
†Hastings	*	*	*	8·7	*
Folkestone, to 6 p.m. ...	58	42	bc.c	7·0	–
†Deal, to 6 p.m.	62	43	bc.b.	8·2	–
Ramsgate, to 6 p.m. ...	*	*	*	8·4	–
†Margate, to 6 p.m.	59	44	b.o	7·6	–
†Felixstowe, to 6 p.m. ...	60	45	bog.em.	7·1	0·02
†Lowestoft, to 6 p.m. ...	60	44	cgr.c.bc.o	5·2	0·01
†Skegness, to 6 p.m.	58	40	b.c.	7·2	–
Scarborough, to 9 p.m. ...	57	45	o.c.b.o.c	6·4	0·02
†Harrogate, to 6 p.m. ...	59	40	b.bc.c.b.	9·7	–
Buxton, to 9 p.m.	56	42	bup.bc.by	8·2	0·20
Darwen, to 9 p.m.	57	43	bc	5·5	–
Manchester, to 9 p.m. ...	59	47	bc.c.bc	6·8	–
Birmingham, to 9 p.m. ...	60	44	c.	8·3	–
Douglas (I.of M.), to 6 p.m. ...	57	45	cq.	6·0	–

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
			24 Hours ended at 9 a.m. To-day.				
	%	%	°	°		In	Hr.
Greenwich (Royal Obsy.) ...	55	71	62	47	b.bc.p.	–	7·7
City (Bunhill Row)	*	*	*	*	*	*	8·5
Westminster (St. James's Pk.)	60	81	62	49	bc.	–	9·2
Camden Sq. (Brit. Rainfall)	54	70	63	47	bc.c.o	–	7·7
Hampstead (Reservoir) ...	*	80	62	46	bc.c.o	–	9·8
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	61	45	c.bc.c.bc.	–	8·3
" " (Roof of M.O.)	54	75	62	46		*	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

18th & 19th May, 1912.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.55 / 3.53	11.49 / 11.49	7.42 / 7.44
Greenwich	4.6 / 4.5	11.56 / 11.56	7.46 / 7.47
Wick	3.42 / 3.40	12.8 / 12.8	8.35 / 8.37
Valencia...	4.45 / 4.44	12.37 / 12.37	8.28 / 8.29

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

Stations.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga	–	75	63	b.b
Marseilles	–	70	50	c.b.
Malta	–	82	66	c.b.
Algiers	–	75	63	b.c.
Tunis	–	86	57	b.b.
Palermo	–	80	53	b.b

Stations.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In	°	°	
Rome...	–	72	58	b.c.
Vienna	0·04	70	50	b.r.
Utrecht	0·16	57	41	b.o
Zürich	0·12	*	*	bc.o
Geneva	0·28	*	*	r.o
Lugano	0·28	*	*	bc.b.

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.

Sunday, 19th August, 1912.

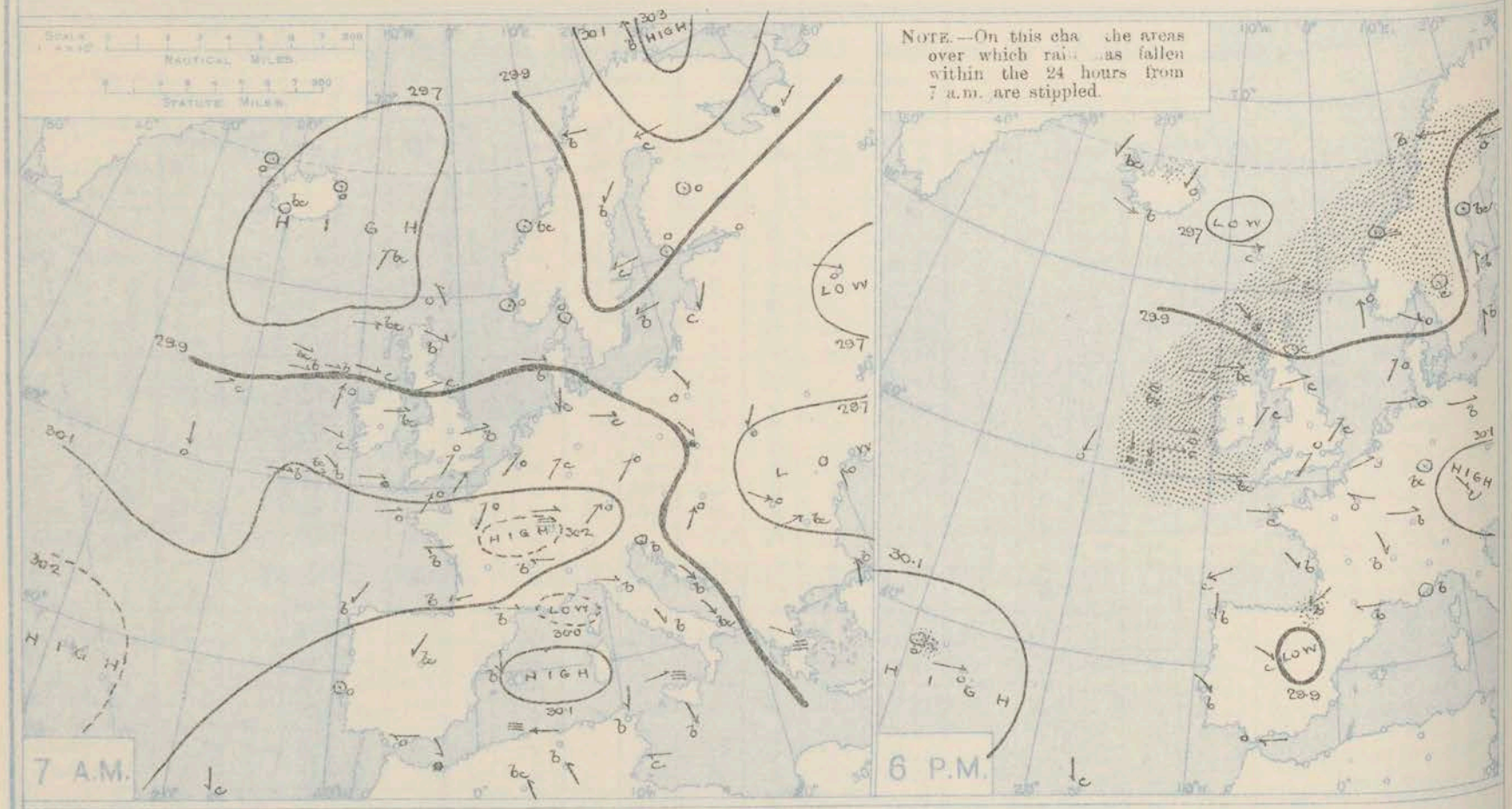
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Temp. Dry Bulb.	Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	29.74	49	WSW	2	c	29.90	+04	48	+1	WSW	2	bc	2	0.19	52	44	*	bc	bcp	bc
	Stornoway	29.88	51	NW	4	bc	29.97	+02	48	+2	W	3	c	2	0.01	55	42	13.4	bcg	c.cgp	bc.c
	Castlebay (Barra Isd.)	29.94	53	W	3	b	30.00	+02	49	0	WSW	2	0	2	0.02	53	44	12.7	bc	bc.b	b.cp.bc
	Malin Head	29.98	51	W	2	bc	30.00	·00	48	0	W	2	c	1	trace	54	42	*	bcp	bc	c
	Blacksod Point	29.98	53	WSW	3	0	29.95	−02	50	0	ESE	1	0	2	trace	54	47	*	cm	cm	bcp
	Valencia	30.00	52	W	1	0	29.90	−04	54	+3	SE	3	0	4	trace	55	47	2.3	cw.o	c	c
	Roche's Point	30.03	54	SW	3	0	29.98	*	53	+4	S	2	0	2	–	56	47	*	0	0	o.c.o
	Birr Castle	29.98	54	SW	2	c	29.96	*	50	+2	SSW	2	c	*	–	57	46	3.8	c	c	c
	Donaghadee	30.00	49	NE	3	c	30.01	·00	48	+2	NE	2	c	2	–	58	46	*	bc	c	c
	Liverpool Obsy.	30.01	53	WNW	1	b	30.05	·00	51	+1	S	2	0	1	–	56	47	10.4	o.b	b	bc
	Holyhead	30.01	53	SW	3	c	30.02	·00	52	−1	S	2	0	1	–	59	48	*	c	c	o.cm
	Pembroke (St. Ann's Hd.)	30.03	52	WSW	2	c	30.02	+01	52	+1	SSE	3	c	2	trace	56	49	4.6	c	c	c
	Newquay	30.03	54	SW	1	b	30.00	−01	54	+1	SE	1	0	2	–	58	44	7.3	bc.bv	bv.bc	bc
	Scilly (St. Mary's)	30.04	57	W	1	bcm	30.01	·00	54	+3	W	2	c	2	0.01	60	50	9.9	bcm	bcm	bcm
	Jersey (St. Aubin)	30.07	58	WNW	3	bcm	30.06	*	59	+5	NW	2	bc	2	–	61	47	4.3	o.cm.o	o.c.bc	bc
	Portland Bill	30.03	54	WSW	4	c	30.05	+01	50	−3	SSE	2	m	2	–	58	47	5.0	c	c	bc.c.f
	Dungeness	30.01	55	WSW	4	c	30.04	+01	53	−1	SW	3	c	3	trace	59	50	1.3	o.cp	c	c.fe.c
	Dover	30.02	54	SW	3	0	30.06	*	53	+1	WSW	1	m	2	trace	58	48	2.6	o.c	c.og	o.cm.b
	Wick	29.85	51	WNW	3	bc	29.97	+03	48	−1	W	2	bc	2	0.07	54	40	*	bcp	bcp	bcp.bc
	Nairn	29.87	53	WNW	3	bc	29.97	*	47	−1	W	1	c	1	0.01	59	38	13.7	c	b	bc
	Aberdeen	29.89	52	–	0	c	30.01	+03	48	−4	–	0	c	1	0.13	59	45	6.4	bc.cp	bc.chp	c.bc
	Leith	29.91	58	W	2	b	30.02	+03	49	−1	SW	1	b	*	–	60	43	*	bc	bc.b	b
	North Shields	29.93	59	WSW	4	c	30.04	+02	50	−2	WSW	1	c	2	–	61	41	10.8	–	–	–
	Spurn Head	29.97	56	W	4	bc	30.07	+01	51	0	WNW	4	cm	3	–	60	47	*	c	bc	bc.c
	Yarmouth	29.99	58	SW	2	c	30.05	+02	56	+5	SSW	1	b	0	–	61	51	2.3	b.bc.c	c	bcm.b
	Clacton-on-Sea	30.00	58	SW	2	0	30.05	+02	56	+3	W	1	bc	0	–	62	49	1.3	o	og	og.u.bc
	Nottingham	29.98	57	W	2	c	30.04	*	50	−3	ENE	1	0	*	–	61	44	2.5	c	c	c
	Bath	30.02	60	W	2	bc	30.05	*	49	−5	N	1	bc	*	–	65	41	?5.8	–	–	–
	Oxford	30.03	56	W	2	c	30.06	*	54	−1	SW	2	bcg	*	–	62	45	*	c	c.o	cm.bcm
	London (Kew Obsy.)	30.01	59	SW	2	0	30.06	+01	54	0	SW	1	0	*	–	64	47	1.3	0	0	0
ICELAND & FAEROE.	Isafjord	29.81	40	NE	3	bc	29.87	−02	38	+1	–	0	c	*	*	*	*				
	Reykjavik	29.77	47	N	3	bc	29.82	·00	41	−1	E	3	b	*	*	*	*				
	Vestmanna	29.78	46	WNW	7	b	29.87	·00	42	0	–	0	c		*	*	*				
	Seydisfjord	29.76	43	NE	3	0	29.86	+03	39	+2	W	4	bc	*	*	*	*				
	Thorshavn	29.71	50	W	5	c	29.81	+02	47	0	SW	2	c	*	*	*	*				
SCANDINAVIA.	Haparanda	29.93	42	E	2	0	29.83	−01	39	0	E	2	0	*	0.04	52	36				
	Hernösand	29.94	37	–	0	bc	29.88	·00	41	−3	–	0	c	*	–	43	36				
	Stockholm	29.96	41	S	2	b	29.91	−01	51	+7	SSE	2	b	*	–	54	37				
	Wisby	29.94	43	S	2	b	29.91	−01	47	+5	SW	2	0	*	–	50	36				
	Karlstad	29.86	48	–	0	c	29.88	·00	48	0	S	2	c	*	0.08	59	45				
	Færder (Christiania Fjord)	29.80	50	NNE	2	0	29.85	·00	53	+5	WSW	2	b	2	–	54	48				
	Bodö	29.88	50	E	4	b	29.84	−01	50	0	E	4	b	1	–	52	43				
	Christiansund	29.79	47	–	0	m	29.82	+03	48	−5	ESE	1	0	1	0.24	?53	43				
	Skudesnaes	29.82	46	S	6	0	29.94	+02	47	−1	WSW	4	c	3	–	48	43				
	The Scaw (Skagen)	29.89	47	WNW	2	0	29.91	+01	50	−1	WSW	3	0	1	trace	54	43				
	Blaavands Huk	29.95	50	SW	1	0	30.02	+07	50	−2	N	2	bc	1	–	54	45				
GERMANY, &c.	Cuxhaven	29.99	54	W	1	0	30.06	+04	54	0	NW	2	b	*	–	59	52				
	The Helder	30.01	53	SW	3	c	30.09	+02	53	+3	SSE	1	bc	1	–	57	41				
	Brussels	30.07	54	WSW	1	0	30.10	+02	57	+7	S	1	bc	*	–	62	44				
	Berlin	30.01	57	W	2	b	30.08	+03	49	0	SW	1	c	*	–	61	45				
	Frankfurt	30.04	55	–	0	bc	30.09	+02	51	+1	NE	1	m	*	–	64	43				
	Munich	30.12	51	NW	2	c	30.12	+01	53	+5	E	3	b	*	–	57	39				
FRANCE.	C. Gris Nez	30.01	53	SW	4	c	30.08	+01	55	+2	SW	3	c	2	–	59	52				
	La Hève	30.11	54	W	1	c	30.06	*	58	+6	E	1	c	1	–	64	52				
	Brest (St. Mathieu)	30.09	63	W	1	c	30.03	−01	53	−1	ESE	2	0	2	–	64	50				
	Lorient (Bec Melen)	30.04	61	NW	1	b	29.97	*	54	0	ENE	4	b	2	–	64	46				
	Rochefort (Ile d'Aix)	30.00	62	NW	3	b	29.98	*	57	+3	ENE	3	b	*	–	68	52				
	Biarritz	29.94	64	NE	3	b	29.99	*	64	+12	SE	2	b	2	0.08	73	52				
	Paris	30.08	59	–	0	0	30.10	+02	53	+4	NNE	1	b	*	–	64	43				
	Belfort	30.05	60	W	3	b	30.11	*	53	+6	ENE	3	m	*	–	65	42				
	Lyons	30.02	66	NNW	2	b	30.08	*	56	−1	SSE	1	b	*	–	70	45				
	Nice	30.05	60	–	0	b	30.09	−01	58	−7	–	0	c	1	–	72	52				
	Perpignan	29.99	68	E	2	b	30.00	+06	62	+2	NW	1	0	*	–	70	54				
	Sanguinaire							*													
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)	30.01	63	N	1	b	30.02	·00	58	+1	NW	1	f	3	–	77	54				
	Lisbon (9 a.m.)	29.98	62	WNW	3	b	30.02	+03	62	−1	SW	1	0	5	–	72	59				
	Gibraltar	29.93	65	E	1	0	29.95	*	63	−1	E	1	0	*	–	*	*				
	Azores (P. Delgada)	30.17	59	W	3	0	30.10	·00	61	+4	W	4	m	2	–	64	55				
	Azores (Horta)	30.17	64	–	0	0	30.11	+01	62	+3	–	0	r	1	0.08	70	59				
	Madeira (Funchal)	30.04	65	N	3	c	30.05	+02	64	0	N	3	0	3	–	66	52				

DURATION AND EXTREME FORCE OF GALES 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. 18TH MAY.



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 60° and upwards in many parts of the United Kingdom and to 65° at Bath and Teignmouth. The amounts of bright sunshine was generally small but on the shores of the Irish Sea and in the west and north of Scotland it amounted to between 10 and 14 hours. Between 10.30 a.m. and 11 a.m., a well defined mirage was seen at Newquay. Slight rain fell locally in the south-east of England and at many of our western and northern stations. Wireless reports show that as far west as the 23rd meridian ships experienced light to fresh winds from various quarters, a changeable weather, with rain in places.

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.

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}

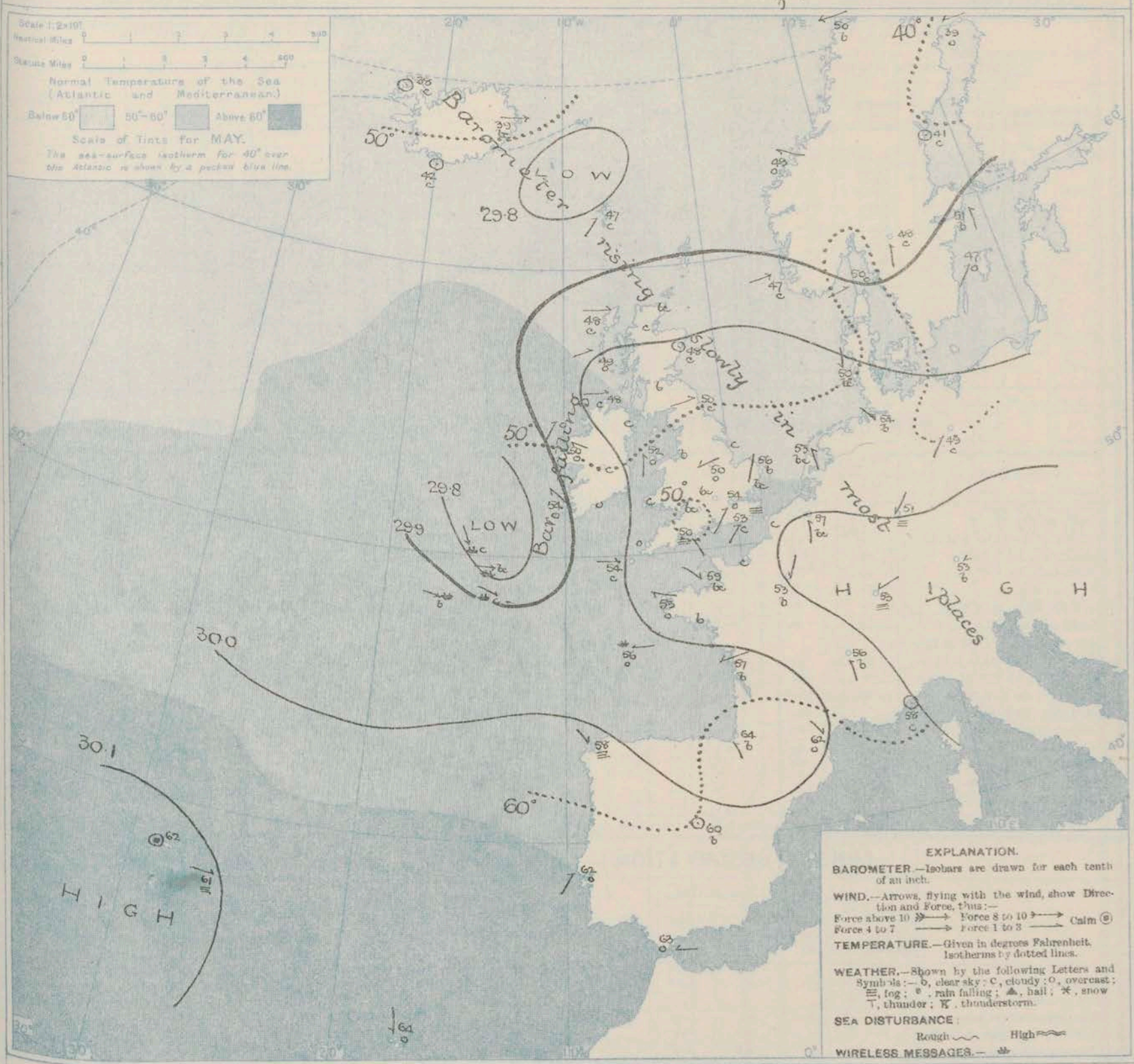
10 {a, b}

None Issued.

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Sunday, 19th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is highest, 30·1 in. and upwards in two areas, one lying over the Azores, and the other over south Germany and the east of France. A shallow depression is moving east between Iceland and the Faeroe, and a rather deep disturbance is approaching Ireland from the westward. The general distribution of pressure is becoming irregular.

The wind is light from the South on our western coasts, but from the West over the major part of Great Britain. Easterly breezes prevail in the west of France, Westerly to North-Westerly breezes over Spain and the eastern portions of the Atlantic. Temperature has changed very irregularly. Over the United Kingdom the morning readings range from a trifle above 55° on the east coast of England to a little below 50° in Scotland and the North of Ireland. The continental values range from 64° at Biarritz and 63° at Gibraltar to about 40° over the Gulf of Bothnia. The weather is fair or fine over western Europe as a whole, but dull in Ireland and the west of Scotland. The sea is slight or smooth on all coasts.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

DAILY WEATHER REPORT. Sunday, 19th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
18th May. 7 p.m.	45° 0'	8° 35'	29.96	ENE	3	H.M.S.	18th May. 6 p.m.	44° 52'	8° 42'	29.96	ENE	5	c	57	54	58	4
" " 3 p.m.	50	17	29.99	NW	4-5	Montfort	" " "	50	17	? 30.02	N	6-7	r	.	.	.	.
" " "	50	15	29.95	NNE	1-3	Ausonia	" " "	50	16	? 29.95	NNE	1-2	r	.	.	.	.
" " "	47	19	29.96	WSW	4-5	Vaderland	" " "	47	18	29.91	SW	4-5	c	.	.	.	.
" " "	50	21	29.97	NNE	4-5	Montezuma	" " "	50	20	29.96	NNE	4-5	o	.	.	.	.
" " "	55	11	29.94	W	1-3	Hesperian	" " "	55	10	29.95	W	1-3	c	.	.	.	.
" " "	54	17	29.93	SSW	1-2	Columbia	" " "	54	16	29.91	—	0	bc	.	.	.	.
" " "	50	10	30.10	W	1-3	Lake Erie	" " "	50	11	30.05	W	1-3	o	.	.	.	.
" " "	47	21	29.98	N	6-7	Minnehaha	" " "	47	20	29.97	N	6-7	o	.	.	.	.
" " Noon	49° 2'	9° 31'	30.01	NNE	4-5	Adriatic	" " "	49	20	30.02	N	4-5	c	.	.	.	5
" " 4 a.m.	46	27	30.05	NW	4-5	H.M.S.	" " 2 p.m.	44° 18'	9° 8'	29.97	NE	6	b	57	55	59	.
" " "	57	21	29.96	WSW	4-5	Olympic	" " 7 a.m.	48	28	?	?	?	b	.	.	.	.
" " "	55	13	29.88	W	1-3	Columbia	" " "	54	20	29.94	WSW	1-2	c	.	.	.	.
" " "	50	15	30.14	SW	1-3	Lake Manitoba	" " "	55	12	29.88	W	1-2	b	.	.	.	.
" " "	58	16	29.91	W	4-5	Adriatic	" " "	50	16	30.11	W	1-3	b	.	.	.	.
" " "	46	23	30.10	SW	4-5	Hesperian	" " "	55	15	29.93	WNW	4-5	bc	.	.	.	.
" " "	46	25	30.08	WSW	4-5	Vaderland	" " "	46	22	30.05	SW	4-5	o	.	.	.	.
" " "	50	12	30.06	W	4-5	Minnehaha	" " "	46	24	30.00	N	8-9	f	.	.	.	.
" " "	50	23	30.09	N	4-5	Montfort	" " "	50	13	30.07	W	4-5	bc	.	.	.	.
" " "	54	15	29.84	W	1-3	Montezuma	" " "	50	23	30.06	N	4-5	o	.	.	.	.
						Megantic	" " "	55	15	29.83	W	1-3	b	.	.	.	.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
				Hr.	In.
Carnoustie, to 6 p.m.	61	46	bc. b	10.5	Trace
Oban, to 6 p.m.					0.40
Dublin (City), to 4 p.m.	59	47	p. bc. o	*	0.03
Blackpool, to 9 p.m.	55	43	c. b. c	11.8	–
Southport, to 9 p.m.	56	49	bc. c. b	12.0	0.01
Rhyl, to 6 p.m.	61	51	b. bc.	11.1	–
†Colwyn Bay, to 6 p.m.	58	50	o	8.6	–
Llandudno, to 9 p.m.	60	50	bc. b. bc	9.3	–
Bettws-y-Coed, to 6 p.m.					*
Aberystwyth, to 6 p.m.	57	51	o. bc. b. bc	7.5	–
Plymouth, to 9 p.m.	60	52	bc. c. bc	6.6	–
Paignton, to 6 p.m.	63	61	b. bcp. c	3.5	0.02
Torquay, to 6 p.m.			*		
Teignmouth, to 9 p.m.	65	52	cp. bc	2.6	–
†Weymouth, to 6 p.m.	63	52	c. bc. b. bc. c	5.0	–
†Bournemouth, to 6 p.m.	63	50	o. c	3.6	0.01
Southsea, to 6 p.m.			*		
†Worthing, to 6 p.m.				2.6.	
Douglas, to 6 p.m.	58	45	b. bc. c	10.5	0.02

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
				Hr.	In.
†Brighton, to 6 p.m.	59	52	or. o. c. bc. c	3.3	–
†Seaford, to 6 p.m.	58	52	o. bc	5.0	–
†Eastbourne, to 6 p.m.	59	52	*	4.9	0.09
Bexhill-on-Sea, to 9 p.m.	57	51	r, bc. o	? 3.5	*
†Hastings	*	*	*	2.7	–
†Folkestone, to 6 p.m.	58	47	b. bc. c	1.4	–
†Deal, to 6 p.m.	64	46	c. bc. c	1.7	–
†Ramsgate, to 6 p.m.	*	*	*	1.5	–
Margate, to 6 p.m.	63	47		1.0	–
†Felixstowe, to 6 p.m.	61	46	bcg. o. og	1.5	–
†Lowestoft, to 6 p.m.					–
Skegness, to 6 p.m.	62	43		4.3	–
Scarborough, to 9 p.m.	62	45	bc	3.0	–
†Harrogate, to 6 p.m.	58	43	b. c. bc. b	8.6	0.22
Buxton, to 9 p.m.	55	43	bc	8.4	0.06
Darwen, to 9 p.m.	58	43	bc. or. bc	8.4	0.05
Manchester, to 9 p.m.	59	47	c. or. c. bc. b	8.2	–
Birmingham, to 9 p.m.	60	46	o. c	2.2	

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
	%	%				In.	Hr.
Greenwich (Royal Obsy.)	58	77	67	45	c. b.	–	1.5
City (Bunhill Row)	*	*	*	*	*	*	1.0
Westminster (St. James's Pk.)	68	76	62	47	bc. bcw. bc	–	1.4
Camden Sq. (Brit. Rainfall)	61	70	65	46	c. o. b	–	1.4
Hampstead (Reservoir)	*	71	63	47	o. bc	–	1.4
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington	*	*	63	49	o. og. o	–	*
" " (Roof of M.O.)	62	72	63	50		*	1.4

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

19th & 20th May, 1912.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.53 / 3.51	11.49 / 11.49	7.44 / 7.46
Greenwich	4.5 / 4.4	11.56 / 11.56	7.48 / 8.37
Wick	3.40 / 3.38	12.8 / 12.8	8.39 / 8.39
Valencia	4.44 / 4.43	12.37 / 12.37	8.30

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.	STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	*	*			In	*	*	
Malaga	–	79	63	b. c.	Rome	–	73	50	b. b.
Marseilles	–	68	43	b. b.	Vienna	0.91	63	46	r. o.
Malta	–	79	? 61	b.	Utrecht	0.24	52	39	c. bc.
Algiers	–	72	63	f. f.	Zürich	0.12	*	*	bc. bc.
Tunis	–	82	54	b. b.	Geneva	–	*	*	bc. b.
Palermo	–	77	53	b. f	Lugano	–	*	*	bc. b.

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday
20th May 1912.

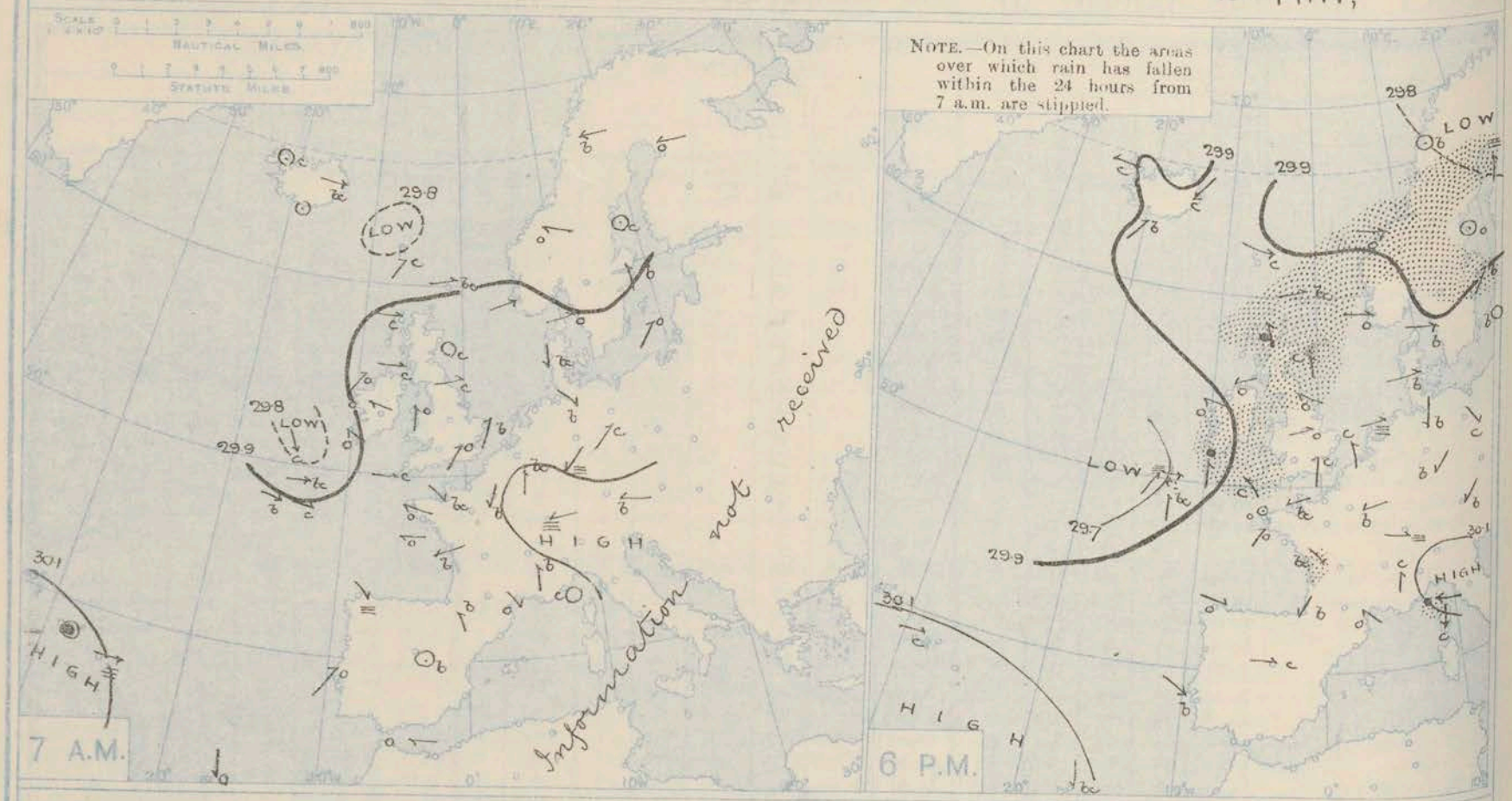
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	29.95	51	WSW	2	bc	29.96	·00	45	−3	W	2	bcp	1	0.02	52	42	*	bc	bc	bcp
	Stornoway	30.01	49	SSE	2	cp	30.00	·00	48	0	ENE	3	b	3	0.14	51	38	1.5	cp	cp	bc.b
	Castlebay (Barra Isd.)	30.00	51	E	1	c	29.92	·00	49	0	ENE	4	c	3	–	53	46	6.2	o.c	c	c.bc
	Malin Head	29.94	50	ENE	1	og	29.83	−.01	50	+2	ESE	3	bg	2	–	54	46	*	cg	og	bcg
	Blacksod Point	29.88	56	ESE	2	0	29.76	−.01	52	+2	ESE	2	m	3	0.16	58	49	*	opm	opm	odm
	Valencia	29.82	55	SSE	2	p	29.72	−.01	51	−3	ESE	1	b	3	0.67	61	44	0.3	cp	bcpt	m.bc
	Roche's Point	29.91	52	S	3	r	29.76	*	52	−1	SSW	1	c	2	0.65	56	48	*	or	r	r.c
	Birr Castle	29.90	55	SE	2	c	29.75	*	51	+1	E	2	c	*	0.30	59	48	0.4	cg	cp	cp.c
	Donaghadee	29.97	55	SSE	2	bc	29.88	−.01	48	0	ESE	2	r	1	Trace	59	47	*	c	bc	bcm.or
	Liverpool Obsy.	29.97	55	NNE	2	o	29.83	−.03	52	+1	E	3	o	1	–	62	50	2.9	c.o	bc.o	om
	Holyhead	29.98	56	SW	1	c	29.79	−.03	53	+1	E	1	o	1	–	58	50	*	cm	cm	o.cm
	Pembroke (St. Ann's Hd.)	29.96	53	SSE	2	c	29.78	?	52	0	SSE	2	cp	2	0.04	56	51	1.8	c	c	c
	Newquay		56	SE	3	c	29.80	·00	51	−3	SW	3	o	2	0.06	62	48	4.3	cv.bv	bv.bc	b.op
	Scilly (St. Mary's)	29.94	56	SE	2	c	29.81	−.02	53	−1	W	3	bc	3	0.04	60	49	7.3	bc	c	o
	Jersey (St. Anbin)	29.96	66	ENE	3	bc	29.90	*	56	−3	W	3	cm	3	–	71	54	13.8	b.bc	bc	bcm.cm
	Portland Bill	30.00	54	E	3	c	29.80	−.02	54	+4	SW	4	c	3	–	56	50	6.7	cf	c.bc	bc.c
	Dungeness	30.00	57	S	2	bc	29.86	−.01	54	+1	E	1	r	1	Trace	60	51	12.2	c.bc	bcv	cv.or
	Dover	30.01	58	SW	2	b	29.90	*	56	+3	E	1	o	2	–	62	49	12.3	m.bcb	bv	b.bcco
	Wick	30.00	47	WSW	1	c	29.99	+.02	47	−1	NNE	1	bc	1	0.10	51	41	*	cp	cp.g	cm
	Nairn	29.98	51	W	1	c	29.97	*	48	+1	E	1	c	1	0.03	56	41	2.2	c	cr	c
	Aberdeen	30.00	51	SSE	2	c	29.97	·00	47	−1	NNW	1	r	2	0.05	56	46	1.3	c.o	c.op	op
	Leith	30.00	54	SW	1	o	29.95	·00	49	0	ENE	1	og	*	Trace	57	47	*	c.od	opd	opd
	North Shields	30.02	52	ESE	1	o	29.94	−.01	49	−1	ENE	1	r	2	0.03	54	43	2.2	c	or	or
	Spurn Head	30.00	53	ENE	4	o	29.88	−.01	54	+3	–	0	om	0	–	57	47	*	om	omv	o.cm
	Yarmouth	30.02	56	SSE	2	c	29.92	−.03	55	−1	S	1	bc	0	–	59	50	6.1	b.bc	bc.c	bc
	Clacton-on-Sea	30.02	59	SE	2	bc	29.91	−.03	55	−1	E	2	c	1	–	63	50	11.0	bc	bc	bc.c
	Nottingham	29.96	61	WSW	1	o	29.87	*	52	+2	E	1	o	*	–	65	46	4.7	o.bc	bc.co	o.c
	Bath	29.93	62	S	1	o	29.83	*	55	+6	SSE	1	o	*	–	65	49	2.5	–	–	–
	Oxford	29.98	59	–	0	o	29.82	*	56	+2	SSE	2	o	*	Trace	66	51	*	b	c	bc.
	London (Kew Obsy.)	29.99	63	S	2	cv	29.85	−.04	56	+2	E	2	om	*	–	67	47	5.9	o	o.cv	cv.bcb
ICELAND & FAEROE.	Isafjord	29.90	45	E	2	c	29.99	+.01	41	+3	–	0	c	*	*	*	*				
	Reykjavik	29.85	48	E	3	c	29.93	+.02	43	+2	E	4	o	*	*	*	*				
	Vestmanna	29.92	49	SW	2	b	30.00	+.03	44	+2	E	1	c	0	*	*	*				
	Seydisfjord	29.94	47	NE	4	c	30.04	+.04	38	−1	–	0	c	*	*	*	*				
	Thorshavn	29.91	52	WNW	4	c	30.00	+.01	46	−1	–	0	c	*	*	*	*				
SCANDINAVIA.	Haparanda	29.77	41	S	2	f	29.84	+.02	41	+2	SW	2	f	*	0.04	46	37				
	Hernösand	29.87	38	–	0	o	29.88	?	44	+3	–	0	b	*	–	48	36				
	Stockholm	29.92	48	SSW	2	b	29.90	·00	55	+4	SSW	2	c	*	? Trace	59	41				
	Wisby	29.93	46	–	0	b	29.95	+.02	48	+1	SW	2	b	*	–	55	43				
	Karlstad	29.88	51	–	0	bc	29.87	·00	49	+1	–	0	c	*	0.04	59	43				
	Færder (X'iania Fjord)	29.86	53	WSW	2	bc	29.88	+.01	51	−2	W	1	bc	2	–	55	50				
	Bodö	29.80	51	–	0	b	29.79	·00	44	−6	SW	4	o	2	–	54	44				
	Christiansund	29.89	46	W	4	o	29.92	+.01	43	−5	W	2	m	2	0.16	50	43				
	Skudesnaes	30.00	47	W	2	o	29.98	·00	47	0	WNW	2	b	2	–	50	45				
	The Scaw (Skagen)	29.95	48	W	5	b	29.95	·00	51	+1	W	4	c	1	–	54	45				
	Blaavands Huk	30.05	50	WSW	1	bc	30.02	−.01	52	+2	WSW	1	o	1	–	54	50				
GERMANY, &c.	Cuxhaven	30.09	54	N	1	b	30.02	−.02	55	+1	S	2	o	*	–	57	50				
	The Helder	30.04	52	WSW	1	m	29.95	−.02	58	+5	ESE	1	c	0	–	61	50				
	Brussels													*							
	Berlin	30.07	60	NW	2	c	30.07	·00	58	+9	SE	1	b	*	–	66	48				
	Frankfurt	29.99	58	NE	2	b	29.97	+.01	58	+7	S	1	m	*	–	68	48				
	Munich	30.04	56	NE	2	b	30.04	·00	58	+5	E	2	b	*	–	66	45				
FRANCE.	C. Gris Nez	30.02	58	WSW	2	bc	29.91	−.04	60	+5	ESE	3	o	2	–	64	52				
	La Hève	29.98	55	NE	3	b	29.90	*	62	+4	SW	2	bc	1	–	68	54				
	Brest (St. Mathieu)	29.97	62	SW	1	o	29.92	·00	55	+2	SW	3	c	2	–	72	53				
	Lorient (Bec Melen)	29.93	64	SSE	1	b	29.91	*	56	+2	W	1	b	2	–	66	54				
	Rochefort (Ile d' Aix)	29.97	66	NW	3	bc	29.95	*	58	+1	W	1	r	*	0.08	75	55				
	Biarritz	29.96	67	NE	1	b	29.96	*	61	−3	WNW	3	o	2	–	73	59				
	Paris	29.98	68	E	2	b	29.93	+.01	59	+6	SW	3	o	*	–	72	48				
	Belfort	30.00	69	W	4	m	30.04	*	59	+6	W	2	m	*	–	74	50				
	Lyons	30.01	66	S	3	c	30.04	*	64	+8	S	2	b	*	–	76	54				
	Nice	30.10	53	E	4	r	30.08	+.01	61	+3	–	0	b	2	0.12	64	52				
	Perpignan	30.06	61	SE	1	*	30.06	+.01	61	−1	E	2	o	*	–	71	57				
	Sanguinaire	29.94	63	N	4	c	29.95	*	64		N	2	m	3	–	68	54				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)	30.08	58	WNW	3	o	30.04	·00	63	+5	WNW	1	b	6	–	66	54				
	Lisbon (9 a.m.)	30.00	60	NW	4	b	30.02	+.03	60	−2	W	4	o	2	–	70	57				
	Gibraltar	29.94	64	E	1	c	29.94	*	62	−1	E	1	o	*	–	*	*				
	Azores (P. Delgada)																				
	Azores (Horta)	30.15	64	W	3	c	30.15	·00	64	+2	SSW	4	o	2	–	72	63				
	Madeira (Funchal)	30.12	64	N	3	bc	30.14	+.03	64	0	N	3	bc	3	–	66	52				

DURATION AND EXTREME FORCE OF GALES 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. ---- 19TH MAY,



NOTES ON YESTERDAY'S WEATHER.

During the past 24 hours rather heavy rain was experienced in the southern and central districts of Ireland, slight rain fell locally in Scotland and the north and west of England. Temperature rose to 71° in the Channel Islands, and to well above 60° in the southeast of England, further north temperature remained rather cool. Over 10 hours of bright sunshine were recorded very generally in the southeast. Wireless reports for last night showed moderate to fresh S.W.ly winds up to 200 miles west of the Irish coast.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

0 {a, b} 1 — Light or moderate N.E.ly to E.ly breezes; fair generally. Cool.

2 {a, b} — Variable E.ly breezes; fair to cloudy, occasional light rain; cool.

3 {a, b} 4 {a, b} — Variable or E.ly breezes; fair to cloudy, light local rains. Moderate temperature.

5 — Light S.W.ly breezes, becoming variable, then E.ly; fair to cloudy, light local rains; moderate temperature.

FORECAST DISTRICTS.

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 & 1.

7 {a, b} — Light E.ly and N.E.ly winds; cloudy, some rain, fair later. Rather cool.

8 {a, b} — Light or moderate S.ly winds, shifting towards E.; cloudy, some rain improving later. Normal temperature.

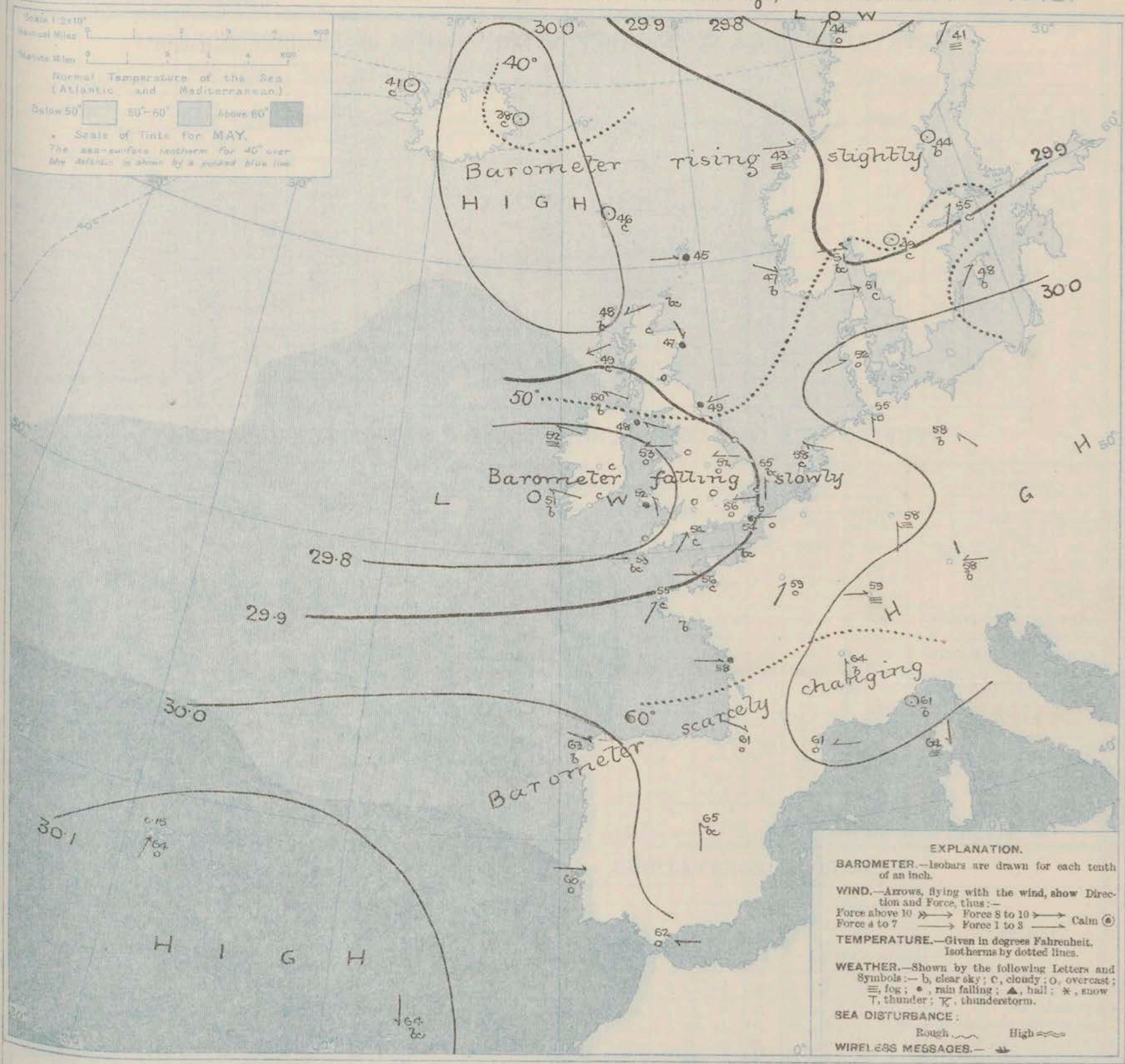
9 {a, b} 10 {a, b} — Light E.ly breezes; fair as a whole. Normal temperature.

11 WESTERN CHANNEL AND BAY.

Light S.W.ly or Variable breezes, and a slight sea; cloudy, changeable, some rain. Normal temperature.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Monday, 20th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression shown last night off the west of Ireland now covers that country. The lowest readings reported this morning are about 29·7 in. A shallow anticyclone, with readings slightly above 30 in., has developed between Iceland and Scotland. Pressure is also high, above 30·1 in., in the Azores region.

The wind is generally light. The prevailing direction is from some E.ly point over the greater part of the country, but from S.W. in the southwest. Temperature ranges from 45° in Shetland to 56° at Dover, Oxford and London. Over France and Germany the readings are generally between 55° and 60°. The weather is generally cloudy, with slight rain locally. The sea is slight or smooth generally.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression now covering Ireland appears to have little energy, but it will cause a good deal of cloud, and occasional light rain, over the southern part of the country. The north is likely to come under the influence of an anticyclone which is developing between Scotland and Iceland.

DAILY WEATHER REPORT. Monday 20th April, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance
	°	°	in.					°	°	In.				°	°	°	
19th May 4p.m.	48° 21'	6° 1'	29.94	–	0	H.M.S.	19th May 6p.m.	48° 40'	5° 45'	29.91	–	0	0	57	53	57	0
" " 3p.m.	50	12	29.80	SSW	4-5	Lusitania	" " "	50	14	29.66	SW	6-7	m	.	.	.	.
" " "	48	13	29.91	WNW	1-3	Minnehaha	" " "	49	12	29.89	S	1-3	bc	.	.	.	.
" " "	50	14	29.77	W	6-7	Montezuma	" " "	50	13	29.74	W	6-7	bc	.	.	.	.
" " 10a.m.	48	12	29.92	WNW	4-5	Vaderland	" " 1p.m.	49	11	29.95	W	1-3	o	.	.	.	.
" " 4a.m.	49	14	29.81	W	4-5	Manitou	" " 7a.m.	49	14	29.81	W	6-7	bc	.	.	.	.
" " "	48	17	29.95	WNW	4-5	Minnehaha	" " "	48	16	29.94	WNW	4-5	b	.	.	.	.
" " "	48	14	29.91	NW	4-5	Vaderland	" " "	48	13	29.91	WNW	1-3	c	.	.	.	.
" " "	55	9	30.06	WSW	1-3	Caledonia	" " "	54	10	30.04	SW	1-3	o	.	.	.	.
" " "	50	16	29.84	NNE	6-7	Montezuma	" " "	50	16	29.79	NNW	6-7	c	.	.	.	.
" " "	46° 22'	7° 28'	29.97	ENE	2	H.M.S.	" " "	46° 50'	7° 14'	29.96	E	1	o	56	53	58	1

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Carnoustie, to 6 p.m.	59	41	o	8.1	0.01
Oban, to 6 p.m.					
Dublin (City), to 4 p.m. ...	59	50	bc.o.p.c.o	*	Trace
Blackpool, to 9 p.m. ...	59	40	c.o	3.8	–
Southport, to 9 p.m. ...	60	56	b.bc.b.c.	? 4.2	–
Rhyl, to 6 p.m.	62	41		1.6	–
Colwyn Bay, to 6 p.m. ...	58	40	bc.b.c	2.2	–
Llandudno, to 9 p.m. ...	62	54	bc.c.o	2.4	–
Bettws-y-Coed, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	58	46	bc.o.og	4.5	–
Plymouth, to 9 p.m. ...					
Paignton, to 6 p.m.	58	41	o.bc	3.5	–
Torquay, to 6 p.m.	59	45	c.o.bc.o	3.5	–
Teignmouth, to 9 p.m. ...	57	43	b.c.o.bc	4.7	–
Weymouth, to 6 p.m. ...	58	44	bc.og.bc	6.7	–
†Bournemouth, to 6 p.m. ...	61	43	c.bc.b	12.1	–
Southsea, to 6 p.m.	62	48	b.bc.b.bc	9.7	–
†Worthing, to 6 p.m. ...	61	49	b.	11.4	–
Douglas, to 6 p.m.	57	46	o.c.o	4.6	–

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
†Brighton, to 6 p.m.	60	51	b	11.0	–
Seaford, to 6 p.m.	64	50	c.b	10.7	–
†Eastbourne, to 6 p.m. ...	58	49	*	12.1	–
Bexhill-on-Sea, to 9 p.m. ...	58	49	b	11.2	–
Hastings	*	*	*	10.9	*
†Folkestone, to 6 p.m. ...	59	48	c.b.bc	10.2	–
†Deal, to 6 p.m.	68	47	bc.b	12.7	–
†Ramsgate, to 6 p.m. ...	*	*	*	11.4	–
†Margate, to 6 p.m.	67	49	b	9.4	–
Felixstowe, to 6 p.m. ...			*		–
†Lowestoft, to 6 p.m. ...	61	50	bc.o.c	7.0	–
†Skegness, to 6 p.m.	57	40	c.o	6.4	?
Scarborough, to 9 p.m. ...	59	47		? 7.6	–
†Harrogate, to 6 p.m. ...	60	41	b.bc.c	5.8	–
Buxton, to 9 p.m.	59	39	bc.c	2.5	–
Darwen, to 9 p.m.					
Manchester, to 9 p.m. ...	62	42	bcg.c.bc.o	1.7	–
Birmingham, to 9 p.m. ...	63	48	c	2.5	–
Weston-super-Mare, to 6 p.m. ...	64	44	b.bc	7.0	–

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
	%	%				In.	Hr.
			24 Hours ended at 9 a.m. To-day.				
Greenwich (Royal Obsy.) ...	59	70	70	45	b.bc.o	–	6.9
City (Bunhill Row)	*	*	*	*	*	*	
Westminster (St. James's Pk.	70	81	66	49	bc	–	6.5
Camden Sq. (Brit. Rainfall)	–	71	71	48	b.c.o	–	6.1
Hampstead (Reservoir) ...	*	76	63	50	c.o.om	–	6.1
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	67	49	bc.c.o	–	*
" " (Roof of M.O.)	–	73	66	51		*	6.4

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

20th & 21st May, 1912.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.51 / 3.50	11.49 / 11.49	7.46 / 7.48
Greenwich	4.4 / 4.2	11.56 / 11.56	7.48 / 7.50
Wick	3.38 / 3.36	12.8 / 12.8	8.39 / 8.41
Valencia...	4.43 / 4.41	12.37 / 12.37	8.30 / 8.32

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga	Observations not received			
Marseilles				
Malta				
Algiers				
Tunis				
Palermo				

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Rome...	Observations not received			
Vienna				
Utrecht				
Zürich				
Geneva		*	*	
Lugano		*	*	

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.

Tuesday. 21st May 1912.

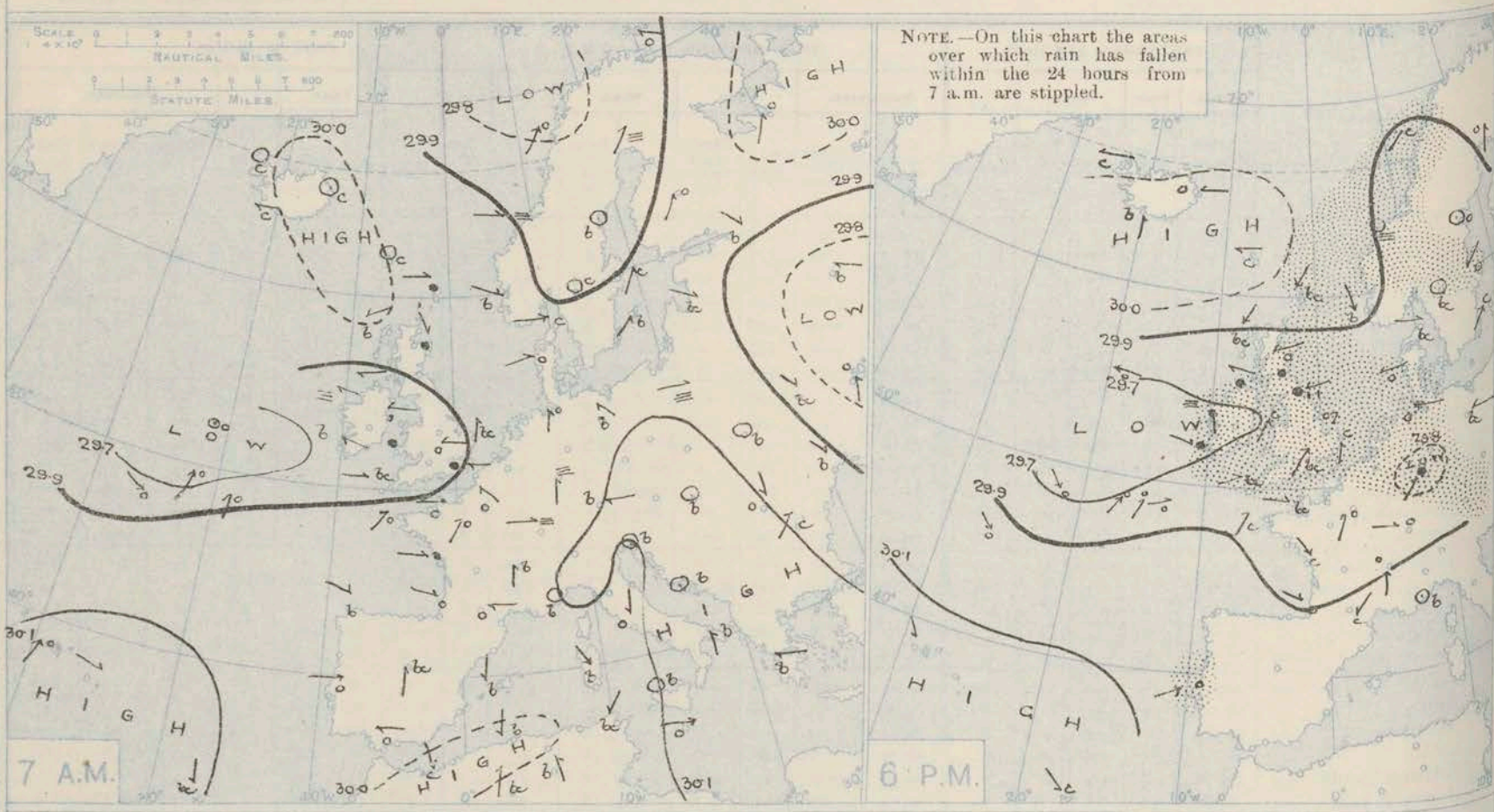
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Weather. Aftern'n. 1 p.m. to 6 p.m.	Weather. Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	29.97	47	NE	4	bc	29.92	-.01	41	-4	NE	3	c	2	0.02	51	38	*	bep	bc	bep
	Stornoway	29.90	52	NE	6	bc	29.92	+.01	47	-1	NE	4	bc	4	-	53	44	12.5	b	b.bc	bc
	Castlebay (Barra Isd.)	29.82	54	NE	4	bcq	29.85	+.02	50	+1	NE	3	o	3	-	55	49	8.3	c.o.c	c.o.beg	beg.o
	Malin Head	29.76	50	ESE	1	rm	29.79	+.02	48	-2	E	3	o	2	0.05	52	46	*	cm	omd	ogq.
	Blacksod Point	29.70	56	SSE	4	m	29.74	+.01	52	0	NE	3	o	3	0.09	57	50	*	omd	om	om
	Valencia	29.65	58	WNW	1	cp	29.69	+.01	50	-1	ENE	1	bc	3	0.11	60	41	8.8	bcw	ewp	bep.
	Roche's Point	29.70	55	S	3	c	29.70	*	53	+1	S	1	c	2	0.03	57	48	*	cp	ep	ep
	Birr Castle	29.68	54	N	1	o	29.72	*	46	-5	-	o	f	*	0.12	61	42	3.2	ep	c.or	f.
	Donaghadee	29.73	47	ENE	2	rm	29.76	+.04	47	-1	N	2	r	1	0.46	52	47	*	omr	orz	opm
	Liverpool Obsy.	29.71	53	WSW	3	r	29.73	+.01	52	o	WSW	1	c	3	0.20	57	48	0.0	op	op	bo
	Holyhead	29.71	52	SW	2	cm	29.72	+.01	51	-2	WSW	2	c	1	0.38	56	38	*	cm	cpm	cpm
	Pembroke (St. Ann's Hd.)	29.76	52	SW	3	bc	29.75	-.01	51	-1	SSW	1	c	3	Trace	57	50	7.2	cpg	bc	bc
	Newquay	29.78	55	SW	3	bc	29.73	.00	50	-1	SE	1	ad	2	0.05	58	46	8.6	bw	bcwp.b	bc.od
	Scilly (St. Mary's)	29.77	56	WSW	3	bcm	29.73	-.01	50	-3	SE	2	opm	2	0.09	58	49	9.8	cp	cm	cm
	Jersey (St. Aubin)	29.86	57	W	2	bc	29.79	*	50	0	SSE	2	agm	3	0.01	62	48	7.3	bcm	opcm	cm.om
	Portland Bill	29.81	54	WSW	5	bc	29.79	-.01	52	-2	E	1	r	2	0.02	58	?50	?9.8	bc	bc	bc.cp.
	Dungeness	29.79	56	SSW	4	c	29.78	-.05	55	+1	SW	3	bc	3	0.06	60	51	5.0	cp.o	o.c	ca.bc
	Dover	29.80	53	SW	5	b	29.81	*	55	-1	WSW	1	b	3	0.05	61	46	4.8	or.bc	c.bc.b	b.op.bc
	Wick	29.93	48	NE	2	bc	29.91	+.02	45	-2	NE	3	c	2	-	49	44	*	bc	bc	bc.c
	Nairn	29.89	48	E	2	o	29.88	*	46	-2	E	2	o	2	0.01	50	45	0.0	o	o	o
	Aberdeen	29.89	49	ENE	3	o	29.87	+.01	47	0	NE	4	o	3	0.07	53	46	0.0	or	o	op
	Leith	29.83	49	NE	2	r	29.80	+.02	48	-1	NE	3	o	*	0.19	55	45	*	o	o	or
	North Shields	29.76	49	ENE	2	r	29.72	+.01	47	-2	NE	4	r	3	1.05	51	45	0.0	r	or	r
	Spurn Head	?29.70	53	SE	4	c	29.74	.00	49	-5	WSW	5	cm	4	0.68	56	45	*	cr	otlth	otlth.c
	Yarmouth	29.74	54	S	1	cp	29.78	+.03	51	-4	WSW	1	bc	1	0.12	57	46	3.6	bc.co	c.cp	cm.bcm
	Clacton-on-Sea	29.75	65	SW	4	bc	29.80	+.02	54	-1	W	2	bc	1	Trace	65	48	3.5	c.op.do	o.c.bc	bel.bc
	Nottingham	29.71	59	WSW	1	c	29.76	*	51	-1	WSW	2	bm	*	0.03	64	41	1.4	op	o.c	c.b
	Bath	29.78	58	W	4	c	29.79	*	49	-6	SSE	1	r	*	0.03	64	41	3.9	-	-	-
	Oxford	29.77	56	WSW	3	o	29.79	*	52	-4	WSW	2	o	*	-	65	46	*	c	cp.c	c.o
	London (Kew Obsy.)	29.76	66	SW	4	bcw	29.79	.00	53	-3	-	o	o	*	-	67	46	7.1	omw.c	c.bcw	bcw.bo
ICELAND & FAEROE.	Isafjord	29.99	47	E	3	c	30.03	+.02	44	+3	-	o	b.	*	*	*	*				
	Reykjavik	29.93	54	E	3	c	30.01	.00	44	+1	E	3	b.	*	*	*	*				
	Vestmanna	30.02	49	S	1	b									*	*	*				
	Seydisfjord	30.07	46	E	4	o	30.10	+.01	37	-1	-	o	o	*	*	*	*				
	Thorshavn	30.04	45	E	2	c	30.02	.00	40	-6	NNE	2	c	*	*	*	*				
SCANDINAVIA.	Haparanda	29.91	38	S	2	o	29.89	.00	48	+7	SW	4	b	*	-	48	36				
	Hernösand	29.84	42	-	o	o	29.82	.00	39	-5	E	2	f	*	-	50	36				
	Stockholm	29.83	48	NE	2	o	29.80	+.01	53	-2	WSW	2	b	*	0.12	63	45				
	Wisby	29.84	53	SW	4	c	29.82	.00	50	+2	SW	2	o	*	-	59	45				
	Karlstad	29.82	49	-	o	bc	29.77	-.02	49	0	S		b	*	Trace	57	37				
	Færder (Xtiania Fjord)	29.80	53	WSW	2	bc	29.73	-.01	49	-2	N	2	m	1	-	55	48				
	Bodö	29.84	47	SW	2	c	29.87	+.01	46	+2	S	1	bc	1	0.43	50	41				
	Christiansund	29.89	46	-	o	m	29.85	-.01	43	o	-	o	f	1	0.28	46	41				
	Skudesnaes	29.91	48	NNW	4	b	29.80	-.02	47	o	NNW	6	b	2	-	50	41				
	The Scaw (Skagen)	29.87	49	W	3	bc	29.75	-.04	52	+1	S	2	o	o	-	55	45				
	Blaavands Huk	29.84	55	ENE	2	o	29.67	-.05	51	-1	SE	3	m	2	0.20	61	50				
GERMANY, &c.	Cuxhaven	29.80	58	E	3	o	29.73	.00	56	+1	SW	2	o	*	0.16	64	54				
	The Helder	29.78	60	-	o	o	29.76	+.03	54	-4	WSW	3	bc	2	Trace	64	52				
	Brussels	29.84	55	WSW	1	bc	29.83	.00	57	-5	WSW	1	bc	*	0.32	73	47				
	Berlin	29.84	66	E	2	bc	29.76	+.03	62	+4	SW	3	c	*	-	73	57				
	Frankfurt	29.75	67	SW	1	r	29.83	+.02	61	+3	SW	3	bc	*	0.04	79	57				
	Munich	29.84	63	E	1	c	29.90	+.01	61	+3	SW	3	c	*	0.08	72	55				
FRANCE.	C. Gris Nez	29.84	54	SSW	4	b	29.80	-.01	55	-5	SSW	3	bc	2	Trace	68	52				
	La Hève	29.87	57	W	1	bc	29.78	*	62	0	E	1	bc	0	-	68	54				
	Brest (St. Mathieu)	29.88	59	SW	2	c	29.77	+.03	56	+1	S	3	"	2	-	66	52				
	Lorient (Bec Melen)	29.85	59	WSW	2	c	29.78	*	58	+2	SW	4	o	3	-	66	52				
	Rochefort (Ile d' Aix)	29.89	60	WNW	3	c	29.85	*	58	0	N	1	o	*	0.20	Con	55				
	Biarritz							*													
	Paris	29.87	60	SSW	1	o	29.80	-.04	59	0	E	1	o	*	0.47	63	56				
	Belfort	29.83	70	W	2	o	29.90	*	58	-1	W	2	m	*	-	76	53				
	Lyons	29.89	70	S	3	o	29.87	*	67	+3	S	1	o	*	-	77	55				
	Nice	30.04	61	-	o	b	29.95	-.04	63	+2	-	o	c	2	-	86	54				
	Perpignan	29.93	63	NE	2	c	29.87	+.03	60	-1	SW	1	o	*	-	68	55				
	Sanguinaire	30.01	63	N	3	m	29.93	*	63	-1	S	3	m	2	-	70	54				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)																				
	Lisbon (9 a.m.)	30.03	60	WSW	4	o	30.01	+.02	60	o	SW	4	o	2	0.12	64	57				
	Gibraltar	29.95	66	W	3	c	30.00	*	61	-1	W	3	bc	*	-	*	*				
	Azores (P. Delgada)																				
	Azores (Horta)	30.17	60	NNW	3	b	30.17	+.02	62	-2	E	1	b	2	-	73	57				
	Madeira (Funchal)	30.18	64	NW	2	c	30.14	.00	67	+3	NW	2	c	2	-	68	54				

DURATION AND EXTREME FORCE OF GALES 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. 20th MARCH



NOTES ON YESTERDAY'S WEATHER.

During yesterday the maximum temperatures over the British Isles ranged from 49° at Wick to 72° at Greenwich. Rain varied greatly, slight in some localities, heavy in the north east of England, an inch at North Shields. Spurn Head and Buxton had a thunderstorm, Clacton-on-Sea lightning. Several localities had no bright sunshine, but Bournemouth had 12 hours, and Stornoway had 12½ hours. As far west as the 27th meridian ships experienced light to strong winds from between North-East, South and North West, with dull weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

0 {a, b}, 1: Light to moderate N.E.ly breezes; fair to dull, rain at times; cool.

2 {a, b}, 3, 4 {a, b}, 5: Light Variable breezes, mainly S.S.W.ly or S.S.E.ly; fine to dull, some rain, local thunder; cool.

FORECAST DISTRICTS.

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}: Same as Nos. 0 & 1. Light Variable breezes; cloudy to dull, some rain, local thunder; rather cool.

8 {a, b}: Very light variable breezes; rainy to fair, thunder in places; cool.

9 {a, b}: Light E.ly and N.E.ly breezes; fair to dull, some rain; cool.

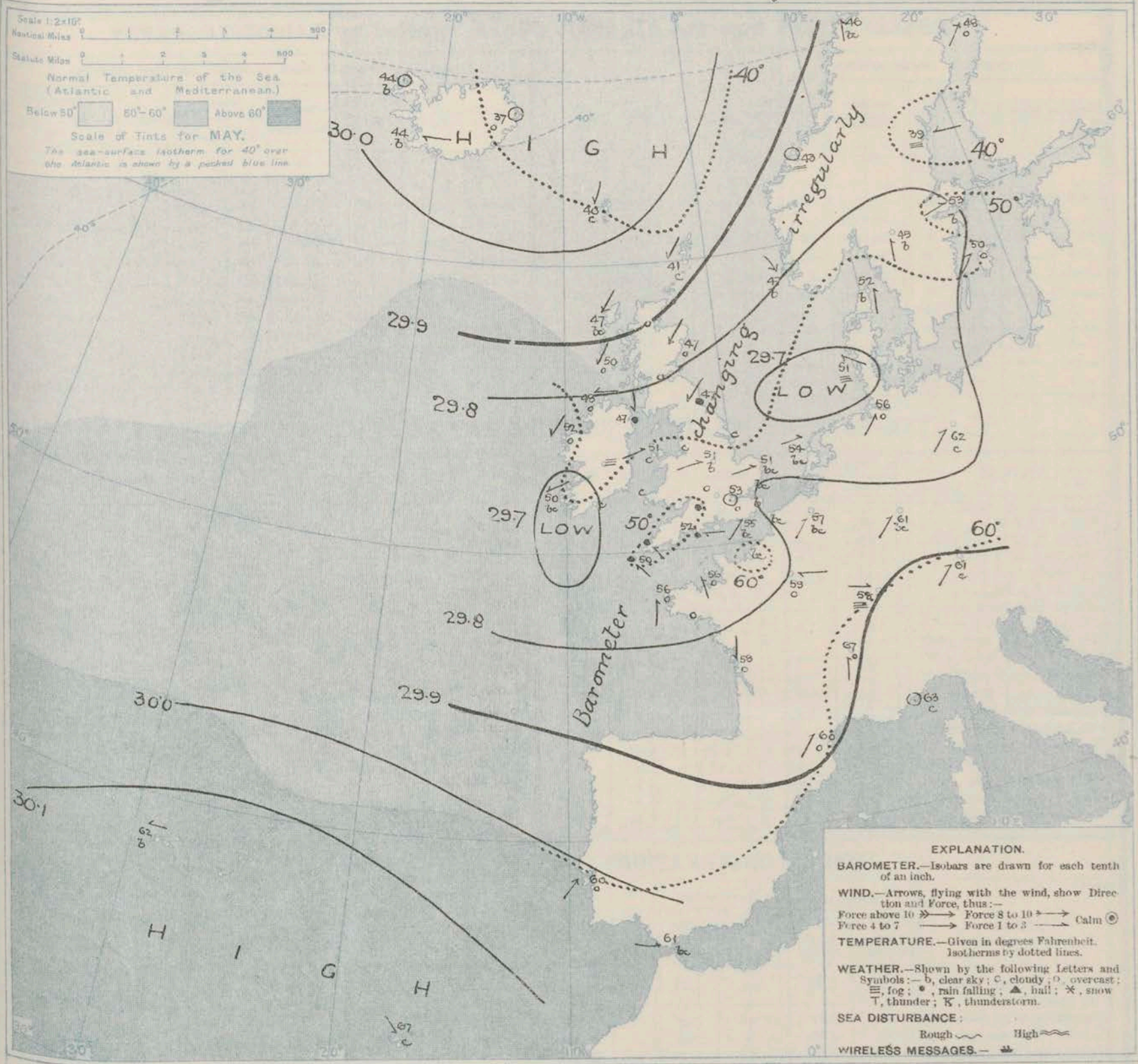
10 {a, b}: Calms and light variable breezes; fair to dull, some rain, thunder in places; cool.

11 WESTERN CHANNEL AND BAY. Very variable E.ly to S.ly and S.E.ly breezes; sea slight or smooth; fair to dull, some rain, mist or fog; cool.

THE FURTHER OUTLOOK. (All districts)

Conditions remaining very changeable.

SYNOPTIC CHART FOR 7 A.M. Tuesday, 21st MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The distribution of pressure over the region under observation has become fairly uniform. The barometer is above 30·1 in. at the Azores, and a little above 30 in. about Iceland and the Faeröe, against about 29·7 in. in the south of Ireland and in the lower part of the North Sea.

A light to moderate N.E.ly breeze prevails over Scotland and the north of Ireland, but over the rest of our area the direction is variable, and the force light to calm.

At the home stations temperature ranges from 41° at Lerwick to 56° at Jersey; on the Continent from 39° at Nemósond to 67° at Lyons; and in Iceland from 37° to 46°. The weather is variable, from clear and cloudless to overcast and dull, and rain is falling at several of the home stations. The atmosphere is foggy in Central Ireland, and locally in Scandinavia. The sea is moderate off the Humber and on the Minch, elsewhere it is slight to very smooth.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

A shallow trough of relatively low pressure, extending across the country from the Atlantic to the Baltic, will maintain a changeable state of the weather during the ensuing twenty-four hours.

DAILY WEATHER REPORT. Tuesday, 21st May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS.

Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.
	°	°	In.			
21st May 4 a.m.	50	16	29.71	SE	1-3	Franconia
" " "	49	12	29.85	—	0	Marquette
20th " 3 p.m.	48	15	29.87	SSW	1-3	
" " "	48	12	29.69	WNW	4-5	Zeeland.
" " "	48	22	29.66	NW	6-7	Franconia
" " "	48	15	29.78	SW	4-5	Minnetonka
" " "	47	26	29.83	NW	6-7	Lusitania
" " 10 a.m.	49	10	29.67	WSW	6-7	Zeeland
" " 4 a.m.	47	19	29.90	WSW	1-3	Marquette
" " "	49	20	29.78	SW	1-3	Lusitania
" " "	46	26	29.72	WNW	6-7	Franconia

OBSERVATIONS PLOTTED ON THE CHARTS.

Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	In.				°	°	°	
21st May 7 a.m.	50	15	29.71	NE.	1-3	c	.	.	.	.
" " "	49	11	29.85	NE	1-3	c	.	.	.	.
20th " 6 p.m.	48	15	29.87	SSW	1-3	o	.	.	.	.
" " "	48	13	29.66	WSW	1-3	o	.	.	.	.
" " "	48	20	29.64	NW	4-5	o	.	.	.	.
" " "	48	17	29.71	SW	4-5	o	.	.	.	.
" " "	46	27	29.93	NW	4-5	o	.	.	.	.
" " 1 p.m.	49	12	29.68	WSW	6-7	bc	.	.	.	.
" " 7 a.m.	47	18	29.86	SSW	1-3	o	.	.	.	.
" " "	48	21	29.64	SSW	4-5	o	.	.	.	.
" " "	47	25	29.72	WNW	6-7	o	.	.	.	.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Stonehaven, to 6 p.m.	*	*	*	0.0	0.02
Oban, to 6 p.m.	60	47	c.	0.8	—
Dublin (City), to 4 p.m....	54	50	or g. o. c	*	0.38
Blackpool, to 9 p.m. ...	58	48		0.1	0.41
Southport, to 6 p.m. ...	58	48	o. bc. op. g	0.0	0.21
†Rhyl, to 6 p.m....	57	48	c. op. o	0.0	0.08
†Colwyn Bay, to 6 p.m. ...	56	49	bc. c. p. r	0.0	0.22
Llandudno, to 9 p.m. ...	56	44	or. op. o	0.0	0.32
Bettws-y-Coed, to 6 p.m...					
†Aberystwyth, to 6 p.m....	57	52	r. ogr. bc	5.3	0.11
Plymouth, to 9 p.m ...	60	50	bc. q. bc. r. b	9.6	0.04
Paignton, to 6 p.m.... ...	62	52	cp. bc	9.6	—
Torquay, to 6 p.m.	61	53	o. bc.	10.3	-
Teignmouth, to 9 p.m. ...	65	53	cp. bc. b.	9.2	-
Weymouth, to 6 p.m. ...	62	53	b. bc. b	9.8	-
†Bournemouth, to 6 p.m....	63	53	c. bc. b	12.1	-
Southsea, to 6 p.m.... ...	63	52	bc. b. bc	9.3	-
†Worthing, to 6 p.m. ...	61	50	c. b. c. b	9.0	-
Carnsore, to 6 p.m... ...	61	47	o. r.	0.0	-

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Douglas, to 6 p.m.	54	45	o. r	0.8	0.31
† Brighton, to 6 p.m.	61	49	o. c. bc. c	7.4	-
† Seaford, to 6 p.m.	58	47	o. bc. b	5.5	0.01
† Eastbourne, to 6 p.m. ...	60	48	o. c. bc. b	4.8	-
Bexhill-on-Sea, to 9 p.m...	58	50	bc	4.3	*
† Hastings	*	*	*	5.1	0.05
† Folkestone, to 6 p.m. ...	62	53	c. bc	4.4	0.04
† Deal, to 6 p.m....	64	48	bc. cpm. bc	4.8	0.01
† Ramsgate, to 6 p.m. ...	*	*	*	5.0	0.01
† Margate, to 6 p.m.	65	51	o. b	4.0	0.05
† Felixstowe, to 6 p.m. ...	61	48	c. or. bc	4.3	0.07
† Lowestoft, to 6 p.m. ...	57	50	c. o. cp. c.	2.7	0.12
† Skegness, to 6 p.m.... ...	64	45	c. bc. b	3.0	0.21
Scarborough, to 9 p.m. ...	50	46	o. cg. f	2.3	0.31
† Harrogate, to 6 p.m. ...	57	45	o. bc. c. r. p. o	0.7	-
Buxton, to 9 p.m.	57	43	bc. bc. fr. c	1.3	0.22
Darwen, to 9 p.m.	56	47	og. bc. ou	0.0	0.13
Manchester, to 9 p.m. ...	58	51	o. or. c	0.0	0.05
Birmingham, to 9 p.m. ...	61	50	o. p. c	3.2	0.13
Weston-Super-Mare, to 6 p.m ...	60	38	cp. b	5.3	

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
	%	%				In.	Hr.
24 Hours ended at 9 A.M. To-Day.							
Greenwich (Royal Obsy.) ...	53	59	72	45	o. op c. bc	—	7.1
City (Bunhill Row)	*	*	*	*	*	*	6.0
Westminster (St. James's Pk.	48	63	66	47	p. bc	—	6.2
Camden Sq. (Brit. Rainfall)	72	62	71	46	o. bc. c	—	5.5
Hampstead (Reservoir) ...	*	71	67	45	op. bc. o	0.02	6.4
24 Hours ended at 6 P.M. Yesterday.							
South Kensington ...	*	*	68	51	c. bc. op. c. bc	—	*
" " (Roof of M.O.)	48	55.	67	53		*	5.2

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

21st & 22nd May, 1912.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.50	11.49	7.49
	3.49	11.49	7.49
Greenwich	4.2	11.56	7.50
	4.1	11.56	7.51
Wick	3.36	12.8	8.41
	3.34	12.8	8.43
Valencia...	4.41	12.27	8.32
	4.40	12.37	8.34

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga	—	72	63	b. o.
Marseilles	—	72	50	b. b.
Malta				
Algiers	—	72	61	b. b.
Tunis	—	88	63	o. f.
Palermo	—	75	53	b. b.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In	°	°	
Rome...	Trace	73	56	bc. o.
Vienna	—	64	46	bc. b.
Utrecht	—	68	50	bc. m.
Zürich	—	*	*	b. b.
Geneva	—	*	*	b. b.
Lugano	—	*	*	b. b.

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday, 22nd May, 1912.

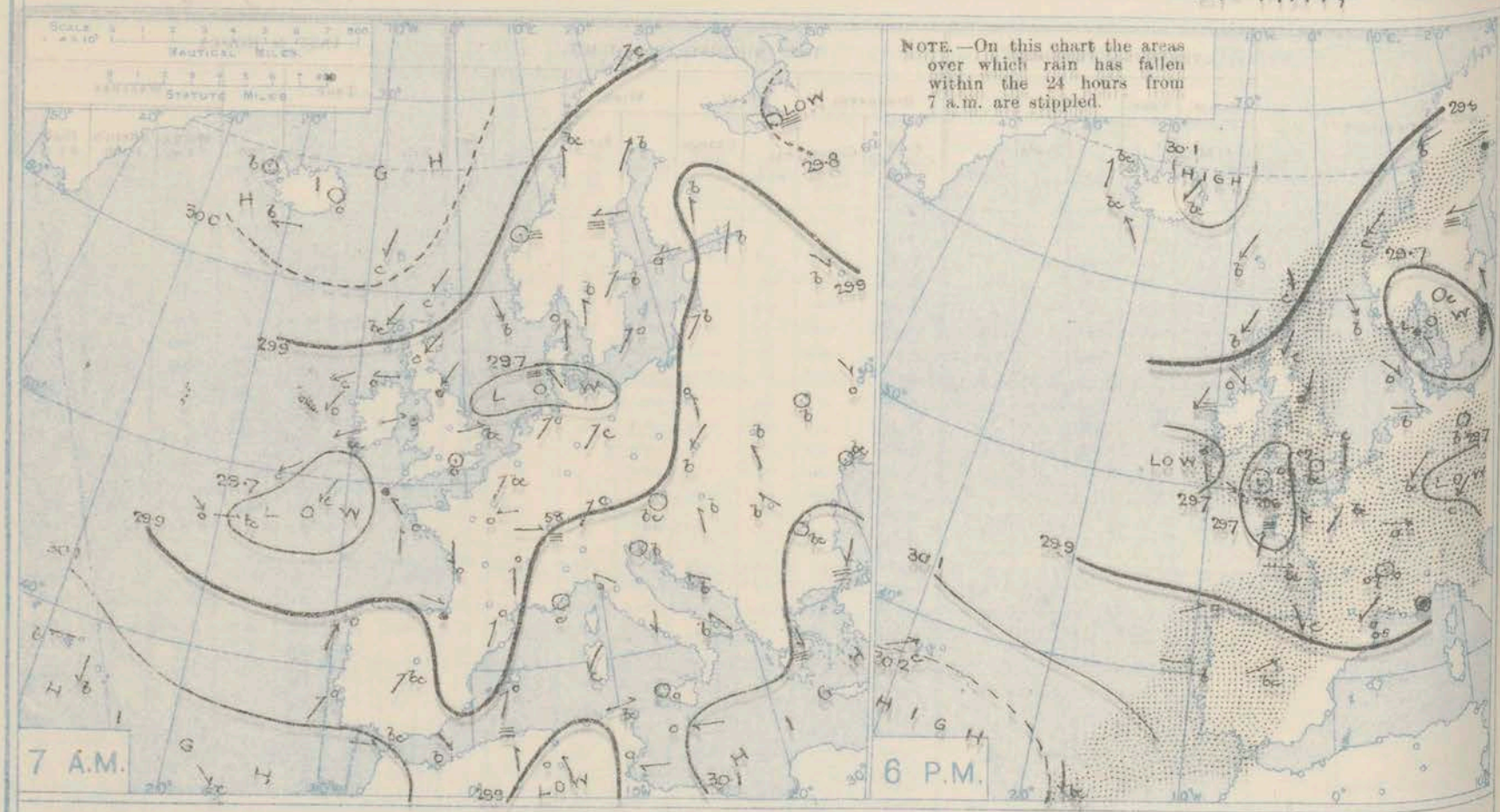
	STATIONS	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Weather. After'n 1 p.m. to 6 p.m.	Weather. Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	29.89	45	NNW	4	c	29.85	−.03	46	+5	NNW	4	bc	3	0.02	47	40	*	bc	c	bc
	Stornoway	29.93	45	NE	6	b	29.93	.00	46	−1	NE	5	bc	4	—	52	40	13.8	bc.b	b	bc
	Castlebay (Barra Isd.)	29.85	48	NE	5	cq	29.85	+.01	47	−3	E	3	o	4	0.18	53	44	1.7	o	o.cq	cq.or.o
	Malin Head... ...	29.81	50	NW	1	ogm	29.78	.00	47	−1	ENE	6	bc	4	—	50	46	*	og	om	bcq
	Blacksod Point ...	29.74	55	NE	4	m	29.74	.00	50	−2	NE	4	o	4	—	57	48	*	om	om	om.
	Valencia	29.69	54	SSE	1	p	29.68	.00	52	+2	ENE	1	bc	3	0.04	62	47	5.7	bcw	cpm	bcpo.
	Roche's Point ...	29.70	55	S	2	c	29.68	*	52	−1	N	2	o	1	0.01	59	49	*	c	cg	c.opm
	Birr Castle	29.71	53	NE	2	c	29.69	*	48	+2	NE	2	o	*	0.01	58	45	1.7	c	c	cp.o
	Donaghadee ...	29.78	50	ENE	4	bc	29.70	.00	46	−1	NE	4	bc	4	—	51	46	*	cg	bc	cg.bc
	Liverpool Obsy. ...	29.72	56	N	1	bc	29.68	−.02	45	−7	ENE	4	r	3	0.14	57	45	4.4	c	bc	or
	Holyhead	29.71	53	NE	1	cm	29.65	+.01	47	−4	E	4	r	3	0.07	59	47	*	cm	cm	rgm
	Pembroke (St. Ann's Hd.)	29.69	51	NE	1	c	29.51	−.01	52	+1	NNW	2	op	2	0.10	58	49	3.2	cg	cg	cpg
	Newquay	29.58	56	SE	2	c	29.60	+.01	51	+1	W	6	o	4	0.23	59	50	1.3	r	o.c	opg
	Scilly (St. Mary's) ...	29.65	53	NNW	2	cm	29.64	.00	52	+2	NW	3	bc	3	0.02	57	49	0.6	mg	cm	bc
	Jersey (St. Aubin) ...	29.72	61	S	3	cg	29.66	*	55	−1	WSW	3	cg	3	0.12	63	53	5.5	bcm	c.opc	ogp.o
	Portland Bill ...	29.69	54	S	3	cp	29.61	.00	54	+2	SW	3	bc	3	0.45	57	51	0.2	bcp	cp	or.bc
	Dungeness	29.73	59	SSW	2	bc	29.65	−.01	55	0	SW	3	op	4	Trace	61	52	11.0	c.bc	bc	bc.cpo
	Dover	29.76	57	SE	1	b	29.68	*	56	+1	SSE	2	o	2	—	63	50	13.7	b	b	b.bc.co
	Wick	29.91	44	NE	3	c	29.89	−.01	44	−1	NNE	3	bc	3	0.08	47	36	*	bc	c	cp.bc
	Nairn	29.89	46	E	2	c	29.89	*	43	−3	—	0	c	1	0.01	50	39	1.5	c	c	c
	Aberdeen	29.89	47	NNE	3	c	29.88	.00	44	−3	NW	2	b	2	Trace	52	34	0.1	c.o	o.c	c.bc.b
	Leith	29.86	49	ENE	2	bc	29.87	.00	46	−2	ENE	2	c	*	—	52	42	*	o.c	o.bc	bc
	North Shields ...	29.81	46	NNE	4	r	29.81	−.01	46	−1	NNE	3	o	4	0.45	47	43	0.0	r	r	o
	Spurn Head ...	29.74	55	SE	2	bc	29.69	−.01	50	+1	SE	5	r	5	0.32	60	47	*	cm	bcm	bcm.or
	Yarmouth	29.75	56	S	2	c	29.70	−.02	53	+2	SE	3	c	2	—	61	51	6.5	bc	bc.o	bc.o
	Clacton-on-Sea ...	29.75	57	SE	2	bc	29.66	−.02	56	+2	SSE	4	o	3	—	61	53	8.9	bc	bc.c.bc	bc.c.or
	Nottingham... ...	29.72	57	NE	4	o	29.68	*	49	−2	NE	4	r	*	0.44	66	49	7.6	bc	c.o	op.
	Bath	29.71	55	E	1	r	29.59	*	56	+7	S	1	c	*	0.71	57	49	0.0	p	r	—
	Oxford	29.73	54	SE	2	r	29.61	*	53	+1	SE	1	r	*	0.69	58	52	*	c	o	r.
	London (Kew Obsy.)...	29.72	63	—	0	bcw	29.63	−.01	57	+4	SSE	2	om	*	0.02	64	53	2.2	o	o.c.bcw	bcw.or
ICELAND & FAEROE.	Isafjord...	30.04	59	S	3	bc	30.12	.00	47	+3	—	0	o	*	*	*	*				
	Reykjavik	30.01	54	E	3	b	30.05	.00	43	−1	E	1	b	*	*	*	*				
	Vestmanna	30.06	49	SE	5	b									*	*	*				
	Seydisfjord	30.13	55	NE	3	bc	30.12	.00	35	−2	—	0	f	*	*	*	*				
	Thorshavn	30.04	49	NE	4	b	30.01	.00	42	+2	N	2	c	*	*	*	*				
SCANDINAVIA.	Haparanda	29.86	48	WSW	2	r	29.85	.00	50	+2	NE	2	b	*	0.12	55	43				
	Hernösand	29.81	39	E	2	f	29.82	.00	44	+5	NE	2	o	*	—	45	37				
	Stockholm	29.73	50	SSE	2	o	29.76	+.02	54	+1	WSW	2	b	*	—	63	48				
	Wisby	29.67	43	—	0	o	29.78	+.02	50	0	—	0	b	*	0.28	54	41				
	Karlstad	29.67	52	—	0	c	29.69	+.02	51	+2	S	4	o	*	—	63	43				
	Færder (X'tania Fjord)	29.65	51	S	4	m	29.62	.00	51	+2	SSW	2	o	2	0.04	54	48				
	Bodö	? 29.89	47	ENE	2	b	29.85	.00	49	+3	E	2	b	1	—	49	37				
	Christiansund ...	29.77	47	NE	5	c	29.71	−.01	47	+4	NE	2	c	2	0.08	47	43				
	Skudesnaes	29.71	44	NNW	6	b	29.69	.00	46	−1	NW	4	c	2	—	50	41				
	The Scaw (Skagen)...	29.66	51	SE	2	r	29.68	+.03	49	−3	WSW	3	b	1	0.12	54	45				
	Blaavands Huk ...	29.72	48	NW	2	o	29.79	+.02	50	−1	N	2	b	1	—	55	45				
GERMANY, &c.	Cuxhaven	29.76	54	W	2	b	29.78	+.01	57	+1	N	2	b	*	—	63	48				
	The Helder	29.78	54	SSW	1	b	29.77	+.01	55	+1	E	3	bc	2	—	57	50				
	Brussels													*							
	Berlin	29.75	65	—	0	b	29.73	+.01	57	−5	N	3	o	*	0.12	72	55				
	Frankfurt	29.70	60	NE	1	bc	29.68	.00	57	−4	NW	2	r	*	0.39	72	57				
	Munich	29.71	61	NE	5	c	29.72	−.01	55	−6	W	2	r	*	0.32	73	52				
FRANCE.	C. Gris Nez	29.75	61	N	1	b	29.67	+.02	57	+2	SE	2	o	2	Trace	68	54				
	La Hève	29.71	64	—	0	o	29.71	*	57	−5	SSW	3	o	2	0.04	75	54				
	Brest (St. Mathieu) ..	29.69	56	SSW	4	m	29.75	+.04	55	−1	WNW	3	c	3	—	61	52				
	Lorient (Bec Melen)...	29.69	60	S	5	o	29.69	*	54	−4	NW	3	o	3	0.32	64	50				
	Rochefort (Ile d' Aix)	29.82	63	W	3	bc	29.79	*	59	+1	W	4	c	*	Trace	68	57				
	Biarritz	29.84	63	NNW	3	c	29.88	*	56	−2	SW	3	o	2	0.47	68	54				
	Paris	29.75	62	SW	1	bc	29.74	+.01	60	+1	SW	2	b	*	0.24	69	54				
	Belfort	29.77	71	W	6	o	29.78	*	55	−3	WSW	2	r	*	0.24	73	53				
	Lyons	29.84	60	SSE	1	o	29.82	*	61	−6	NNW	3	c	*	0.67	73	52				
	Nice	29.89	55	—	0	r	29.77	−.04	56	−7	E	1	f	3	0.39	66	52				
	Perpignan	29.84	60	NE	9	o	29.85	.04	63	+3	NW	1	b	*	0.51	73	52				
	Sanguinaire	29.88	62	SE	4	c	29.85	*	63	0	S	4	o	3	0.43	86	54				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.) ...	29.93	61	WSW	3	o	29.99	.00	57	−1	SW	3	o	?	0.12	?	?				
	Lisbon (9 a.m.) ...	30.05	59	W	3	b	30.08	+.04	61	+1	WNW	3	b	5	0.79	66	57				
	Gibraltar	30.02	63	W	3	bc.	30.00	*	62	+1	W	2	o	*	0.06	*	*				
	Azores (P. Delgada)																				
	Azores (Horta) ..	30.20	64	WSW	4	c	30.19	+.02	63	+1	NNW	4	b	2	—	70	62				
	Madeira (Funchal) ... *	30.17	63	N	2	bc.	30.12	+.02	66	−1	N	2	c	2	Trace	68	55				

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

* Information for these columns not usually received.

? Received too late for insertion in Charts.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 21st MAY,



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature exceeded 60° in many parts of England and Ireland, but at North Shields and Berwick the maximum was as low as 47°. Rain has fallen in nearly all localities, very slight in many places, nearly 3/4 inch at Bath and Oxford. Several stations report no bright sunshine, the records ranging upwards to as much as 14 hours at Littlestone-on-Sea. As far west as the 22nd meridian ships experienced light to strong winds from N.E., N.W. and W., with cloudy weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

0 (a, b) 1 — Wind between E. and N., generally light to moderate; fair or fine to dull, some rain; very cool.

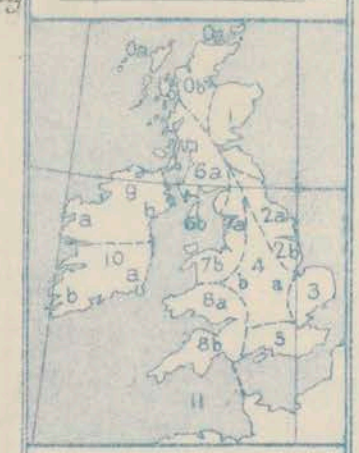
2 (a, b) — E.by to N.E.by breezes, fresh at times in places; dull to rainy; very cool.

3 — S.E.by to S.W.by breezes, light to moderate; dull to rainy, local thunder; cool.

4 (a, b) — Northern Counties same as No. 2. Southern Counties same as No. 5.

5 — Light to moderate S.E.by to S.W.by breezes; unsettled, fair to dull and rainy, local thunder; cool.

FORECAST DISTRICTS.



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 & 1.

7 (a, b) — Same as No. 2.

8 (a, b) — N.W.by to N.E.by breezes, fresh at times locally; dull, some rain, improving later; cool.

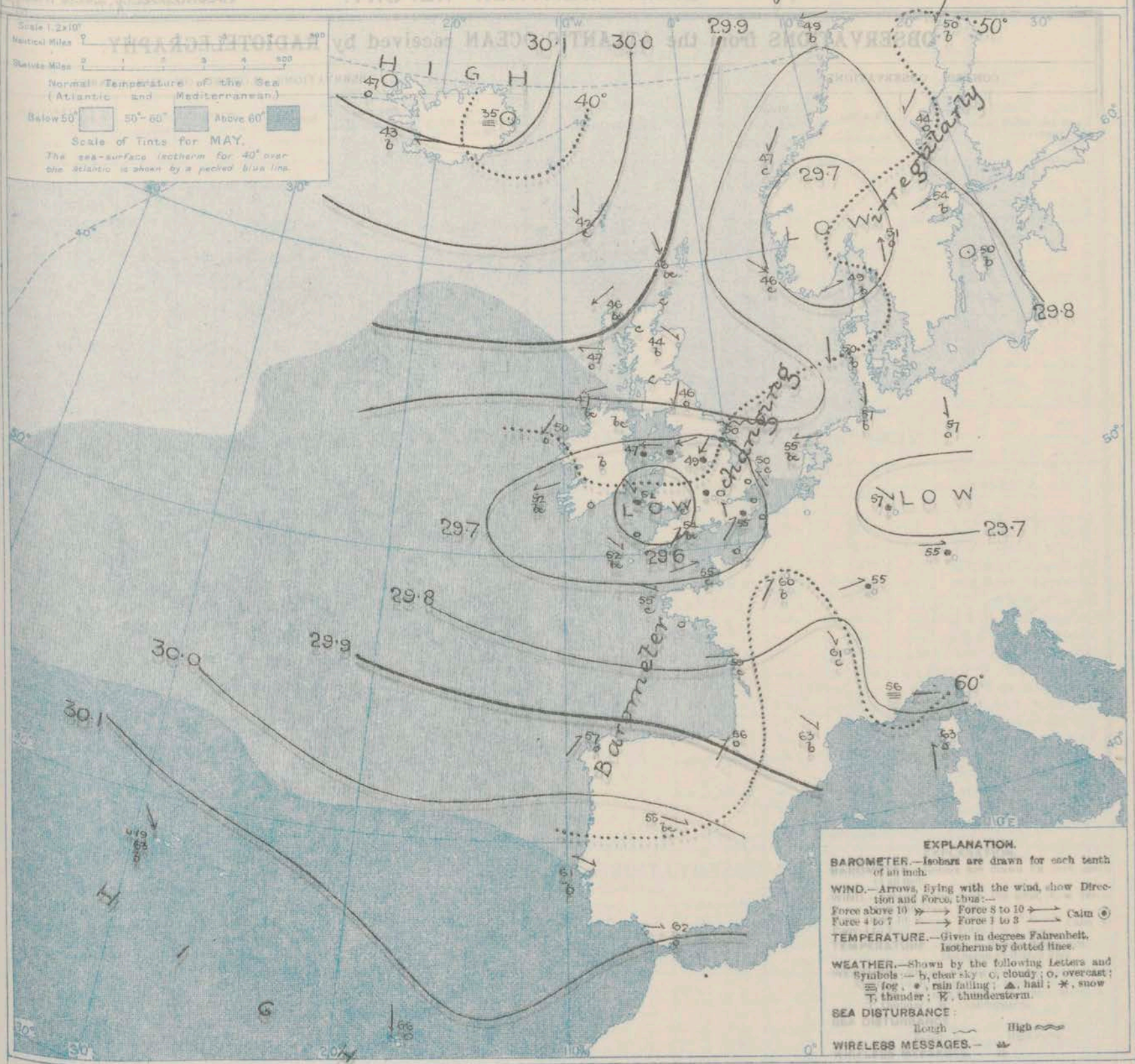
9 (a, b) 10 (a, b) — N.E.by breezes, fresh at times locally; fair or fine to dull, showers in places; cool.

11 WESTERN CHANNEL AND BAY. — S.W.by to W.by and N.W.by breezes, occasionally fresh; sea smooth to slight; fair to dull, some rain and mist; cool.

THE FURTHER OUTLOOK. (All districts)

Conditions remaining unsettled generally.

SYNOPTIC CHART FOR 7 A.M. Wednesday, 22nd MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

In high pressure systems centred about the Azores and Northern Iceland the barometer is above 30·1 in. Shallow depressions occupy the western half of Europe, 29½ in. on the Bristol Channel, and below 29·7 in. over Western Germany and Southern Norway. The gradient is everywhere slight.

The winds, circulating round the various systems, are from all quarters of the compass. A strong wind is reported at Malin Head and Newquay, a fresh breeze at Stornoway, but as a rule the force is light. Over the British Isles temperature ranges from 43° at Valencia to 57° at Kew Observatory; on the Continent from 54° at Lorient to 63° at Perpignan; in Scandinavia from 44° at Hernösand to 54° at Stockholm; and in Iceland from 35° to 48°. The weather is fine and clear over Denmark, the Baltic and far North of Scandinavia, but generally the sky is very cloudy or overcast, and rain is falling over a great part of England and in Central Europe. The sea is rather rough at the entrance to the Humber, moderate to very smooth on all other coasts.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

Throughout the region under observation the variations of pressure are slight and irregular, and the unsettled type of weather over the British Isles is likely to be maintained.

DAILY WEATHER REPORT. Wednesday, 22nd May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	In.					°	°	In.				°	°	°	
21st May, 4 a.m.	55	12	29.76	NE	4-5	Lake Champlain	21st. May, 7 a.m.	55	11	29.75	ENE	6-7	c	.	.	.	.
" " "	47	20	29.72	NW	6-7	Minnetonka.	" " "	47	21	29.83	NW	6-7	o	.	.	.	.
" " "	48	17	29.65	SE	1-3	Zeeland.	" " "	47	18	29.68	W	1-3	bc	.	.	.	.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		hr.	In.
Carnoustie, to 6 p.m.	52	46	o.c	0.6	0.04
Oban, to 6 p.m.	59	47	c.bc.	0.2	–
Dublin (City), to 4 p.m. ...	53	47	c.org.c	*	0.07
Blackpool, to 9 p.m. ...	60	49	m.o.c.o	4.2	0.05
Southport, to 6 p.m. ...	58	49	o.bc.b.o.cb	6.0	0.20
Rhyl, to 6 p.m.	58	48	o.c.bc	4.5	0.01
†Colwyn Bay, to 6 p.m. ...	57	48	p.bc.c	4.5.	0.12
Llandudno, to 9 p.m. ...	59	49	c.bc.c.	4.6	–
Bettws-y-Coed, to 6 p.m. ...	64	53	bc.c bc	2.7	*
Aberystwyth, to 6 p.m. ...	57	46	bc.c	7.0	–
Plymouth, to 9 p.m. ...					
Paignton, to 6 p.m.	56	46	or. o	0.0	0.33
Torquay, to 6 p.m.	56	49	or. od.	0.0	0.32
Teignmouth, to 9 p.m. ...	55	48	or. c	0.0	0.41
Weymouth, to 6 p.m. ...	58	50	og. or.cpr	0.2	0.23.
†Bournemouth, to 6 p.m. ...	59	50	o.cr	0.3	0.05
Southsea, to 6 p.m.	60	49	c.bc.b.bc.o	3.3	–
†Worthing, to 6 p.m.	61	45	c.b.c	9.4	–
Stonehaven to 6 p.m.	*	*	*	0.1	0.01

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
Douglas to 6 p.m.	53	47	c.dp.o	Hr. 1.2	In. 0.32
† Brighton, to 6 p.m.	60	49	c.bc.b	10.9	–
† Seaford, to 6 p.m.	65	51	bc.b	12.1	–
† Eastbourne, to 6 p.m. ...	61	50	b.bc.b	13.6	–
Bexhill-on-Sea, to 9 p.m. ...	62	50	bv.bc	13.0	–
† Hastings	*	*	*	13.4	*
† Folkestone, to 6 p.m. ...	61	47	b.bv	13.2	–
† Deal, to 6 p.m.	69	46	b.bc	13.3	–
† Ramsgate, to 6 p.m. ...	*	*	*	12.5	–
† Margate, to 6 p.m.	64	47	b	11.0	–
† Felixstowe, to 6 p.m. ...	61	47	bem.bc.o	7.0	–
† Lowestoft, to 6 p.m. ...	61	46	c.o.cbac	8.6	–
† Skegness, to 6 p.m.	62	42	b.bc.o	9.2	–
Scarborough, to 9 p.m. ...	59	47	og.c	2.1	0.27
† Harrogate, to 6 p.m. ...	53	45	op.o.c.bco	0.8	0.07
Buxton, to 9 p.m.	58	40	bc.bcg.c	6.2	0.23
Darwen, to 9 p.m.	60	46	p.og.bc	1.3	0.05
Manchester, to 9 p.m. ...					
Birmingham, to 9 p.m. ...	60	42	b.c.r.	5.6	0.04
Weston-super-Mare, to 6 p.m.	59	45	o.r.	0.0	0.35

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
	%	%				In.	Hr.
Greenwich (Royal Obsy.) ...	65	87	67	50	c. o. r.	0.17	3.9
City (Bunhill Row)	*	*	*	*	*	*	1.2
Westminster (St. James's Pk.)	67	84	63	55	bc. r.	0.03	2.1
Camden Sq. (Brit. Rainfall)	79	82	67	53	o. bc. or	0.02	1.3.
Hampstead (Reservoir) ...	*	92	62	51	bc, op. om. or.	0.03	2.9.
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	63	48	op. o.c.bc.c	–	*
" " (Roof of M.O.)	61	81	64	49		*	1.9.

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

22nd & 23rd May, 1912.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.49	11.49	7.49
	3.48	11.49	7.50
Greenwich	4.1	11.56	7.51
	4.0	11.56	7.52
Wick	3.34	12.8	8.43
	3.32	12.8	8.45
Valencia...	4.40	12.37	8.34
	4.39	12.37	8.36

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga	–	72	63	b. bc.
Marseilles	–	77	55	c. o.
Malta	–	70	63	o
Algiers	0.04	75	61	m. m.
Tunis	–	82	55	bc. bc.
Palermo	–	82	54	b. o

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In	°	°	
Rome...	Trace	75	55	b. o.
Vienna	–	68	45	b. bc
Utrecht	0.24	68	46	r. bc.
Zürich	–	*	*	c. b
Geneva	–	*	*	bc. o
Lugano	–	*	*	o. o

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 23rd May 1912.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Temp. Dry Bulb.	Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	29.84	48	NNW	4	c	29.90	+.01	47	+1	NW	3	bc	2	–	50	42	*	bc	bc	bc.
	Stornoway	29.89	49	NE	5	bv	29.94	+.01	48	+2	NE	4	bc	4	–	53	39	14.0	b	bv	b.bc.
	Castlebay (Barra Isd.)	29.84	50	NNE	5	b	29.91	+.04	49	+2	ENE	2	bc	2	–	52	45	11.5	o.bc	b	b.o.bc
	Malin Head... ...	29.78	49	N	5	b	29.85	+.05	47	0	SE	4	b	2	–	53	44	*	bc	bc	bc
	Blacksod Point ...	29.73	55	NE	4	c	29.83	+.07	50	0	NE	3	bc.	3	–	58	47	*	om	o	o.
	Valencia	29.66	58	NE	2	cy	29.79	+.06	51	−1	NE	1	bc	3	0.03	60	47	4.3	bcy	cy	bcp
	Roche's Point ...	29.70	51	ESE	2	r	29.79	*	47	−5	N	3	b	2	0.15	58	43	*	og	or	r. ol
	Birr Castle	29.70	53	NE	2	o	29.80	*	40	−8	NE	2	e	*	–	56	35	1.4	o	c.o	c
	Donaghadee ...	29.75	50	NE	2	og	29.83	+.05	45	−1	N	4	bc	4	–	53	44	*	c	og	cg.bc
	Liverpool Obsy. ...	29.64	46	NE	3	o	29.73	+.03	44	−1	NE	3	o	2	0.43	48	42	0.0	or	or	or
	Holyhead	29.66	47	NE	4	cmp	29.75	+.02	46	−1	ENE	4	o	3	0.19	49	44	*	or.cmp	o.cmp	o.cmp.
	Pembroke (St. Ann's Hd.)	29.63	50	NNW	3	o	29.69	+.03	49	−3	NNW	3	cg	2	–	57	47	0.0	opm	ogp	.ogm
	Newquay	29.65	55	WSW	4	cp	29.70	+.03	51	0	NNW	4	c	4	0.02	57	49	5.3	o.cp.bc	bv	cp.
	Scilly (St. Mary's) ...	29.67	56	WNW	2	cm	29.70	+.03	52	0	NNE	2	cm	3	0.09	62	49.	10.3	bc	cm	cpm
	Jersey (St. Aubin) ...	29.73	57	W	4	b	29.71	*	54	−1	SW	3	om	3	–	60	52	9.0	o.bc	bc	bm.cm
	Portland Bill ...	29.63	54	WSW	5	c	29.65	−.01	52	−2	WSW	3	bc	3	–	55	51	3.6	c	c.bc	c.bc.
	Dungeness	29.62	56	SW	5	o	29.65	+.02	56	+1	SW	5	bc	4	Trace	61	52	?	cp.c	c.o	c.bc
	Dover	29.64	54	SSW	5	b	29.67	*	55	−1	SSW	4	bc	6	–	59	51	8.6	cp.c.bc	b	c.bc
	Wick	29.89	48	NNE	2	bc	29.90	+.02	49	+5	N	3	c	4	–	50	39	*	bc	bc	c
	Nairn	29.86	49	ENE	4	b	29.90	*	45	+2	ENE	1	c	1	0.04	54	36	11.3	bv	b	o
	Aberdeen	29.85	49	ENE	4	b	29.87	+.01	49	+5	N	3	c	3	–	55	39	15.0	b	b	b.bc.c
	Leith	29.83	49	E	3	b	29.88	+.02	47	+1	NE	3	c	*	–	51	44	*	bc	b	b
	North Shields ...	29.78	45	ENE	3	o	29.78	.00	47	+1	N	3	o	4	0.05	48	43	0.0	o	*	o
	Spurn Head ...	29.58	49	ESE	8	r	29.59	.00	47	−3	NNE	8	rq	7	1.05	50	45	*	or	orq	orq.
	Yarmouth	29.60	56	SSE	3	bc	29.60	+.02	54	+1	WSW	2	c	2	0.02	59	52	5.7	c	c.bc	bcp.
	Clacton-on-Sea ...	29.60	60	SSW	4	bc	29.64	+.03	55	−1	SW	4	bc	4	–	61	52	6.3	oy.cp.	c.bc	bc
	Nottingham... ...	29.58	53	E	4	o	29.65	*	45	−4	NNE	5	d	*	1.16	57	44	0.2	r	thr.bc	op.
	Bath	29.59	55	W	3	o	29.67	*	49	−7	N	1	o	*	0.08	63	48	3.6	–	–	–
	Oxford	29.58	53	SW	2	o	29.67	*	48	−5	NNW	2	o	*	0.29	63	48	*	or.cp	cp	or.o
	London (Kew Obsy.)...	29.59	57	SW	2	o	29.65	+.03	53	−4	SW	2	o	*	0.02	65	51	4.7	ompcw	cwp.o	o
ICELAND & FAEROE.	Isafjord...	30.11	48	E	3	bc	30.14	.00	44	−3	–	0	c.	*	*	*	*				
	Reykjavik	30.08	53	E	1	o	30.10	.00	44	+1	–	0	b.	*	*	*	*				
	Vestmanna	30.09	48	SE	4	bc	30.12	+.01	46		–	0	b.	1	*	*	*				
	Seydisfjord	30.10	60	E	3	c	30.07	+.01	45	+10	–	0	o.	*	*	*	*				
	Thorshavn	30.00	46	ENE	3	o	30.00	+.01	42	0	NE	2	c.	*	*	*	*				
SCANDINAVIA.	Haparanda	29.94	50	SW	2	o	29.96	.00	54	+4	S	2	b	*	–	61	45				
	Hernösand	29.80	44	–	0	b	29.84	.00	44	0	NE	2	e	*	–	52	37				
	Stockholm	29.83	48	S	2	b	29.84	−.01	50	−4	SE	4	o	*	–	61	43				
	Wisby	29.79	46	SE	4	c	29.74	−.02	47	−3	E	4	r	*	0.28	54	41				
	Karlstad	29.75	49	SW	2	b	29.77	.00	47	−4	SSW	2	bc	*	–	59	39				
	Færder (X'iania Fjord)	29.68	51	SSW	6	b	29.75	+.02	51	0	NNE	1	b.	2	–	54	48				
	Bodö	29.81	49	E	1	b.	29.76	−.01	52	+3	E	2	c	2	–	52	46				
	Christiansund ...	29.60	49	NE	3	c.	29.63	+.03	45	−2	SW	4	o	2	0.16	54	45				
	Skudesnaes	29.72	46	W	2	b	29.79	+.02	48	+2	–	0	b	1	–	48	39				
	The Scaw (Skagen)...	29.77	47	W	3	b	29.76	.00	49	0	NNW	1	b	0	–	54	41				
	Blaavands Huk ...	29.78	45	NE	2	b	29.74	+.01	49	−1	E	3	o	1	–	52	39				
GERMANY, &c.	Cuxhaven	29.73	56	E	3	bc	29.69	−.01	53	−4	SE	3	o	*	–	59	50				
	The Helder	29.67	55	S	1	r	29.66	+.01	54	−1	SW	4	c	3	0.20	61	52				
	Brussels	29.68	53	WSW	1	o.	29.73	+.01	56	0	WSW	2	c	*	0.12	69	46				
	Berlin	29.66	57	N	3	o	29.66	+.01	53	−4	NW	2	o	*	0.04	63	52				
	Frankfurt	29.66	57	SW	1	f	29.73	+.02	56	−1	SW	1	b	*	0.47	64	50				
	Munich	29.73	55	W	3	o	29.85	+.02	55	0	SW	4	o	*	0.83	61	52				
FRANCE.	C. Gris Nez... ...	29.68	55	SW	4	c	29.68	+.02	55	−2	SW	5	c	3	0.04	64	52				
	La Hève	29.71	55	W	4	b	29.69	*	55	−2	SSW	3	o	2	0.08	64	50				
	Brest (St. Mathieu) ...	29.80	58	WSW	3	c	29.74	+.02	54	−1	NW	1	c	3	–	63	52				
	Lorient (Bec Melen)...	29.78	58	WNW	3	o	?29.68	*	54	0	NNE	3	o	5	0.08	64	50				
	Rochefort (Ile d' Aix)	29.88	60	WNW	4	c	29.77	*	57	−2	WSW	3	r	*	0.39	63	54				
	Biarritz	29.98	63	SW	3	c	29.91	*	57	+1	SE	3	c	2	0.20	64	52.				
	Paris	29.73	56	SSW	1	b	29.78	+.02	52	−8	SSW	1	o	*	0.24	68	47				
	Belfort	29.76	60	SW	4	o	29.86	*	54	−1	W	2	c	*	0.16	66	50				
	Lyons	29.86	59	SE	3	b	29.86	*	55	−6	NW	1	o	*	2.64	74	51				
	Nice	29.75	58	–	0	o	29.76	+.01	59	+3	–	0	c	3	0.35	66	52				
	Perpignan	29.91	63	NW	3	o.	29.84	−.04	59	−4	–	0	b	*	0.08	77	53				
	Sanguinaire	29.86	62	W	1	b	29.89	*	63	0	SW	4	m	4	–	70	54				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.) ...	30.05	59	?W	3	o	30.07	.00	56	−1	W	6	o	5	0.12	63	52				
	Lisbon (9 a.m.) ...																				
	Gibraltar	30.00	62	W	4	b	30.02	*	59	−3	W	2	bc	*	–	*	*				
	Azores (P. Delgada)																				
	Azores (Horta) ..	30.28	57	N	1	b	30.24	.00	61	−2	SSW	3	c	2	–	66	55				
	Madeira (Funchal) ...	30.14	63	NE	3	c	30.14	+.04	64	−2	NE	3	r	3	Trace	68	57				

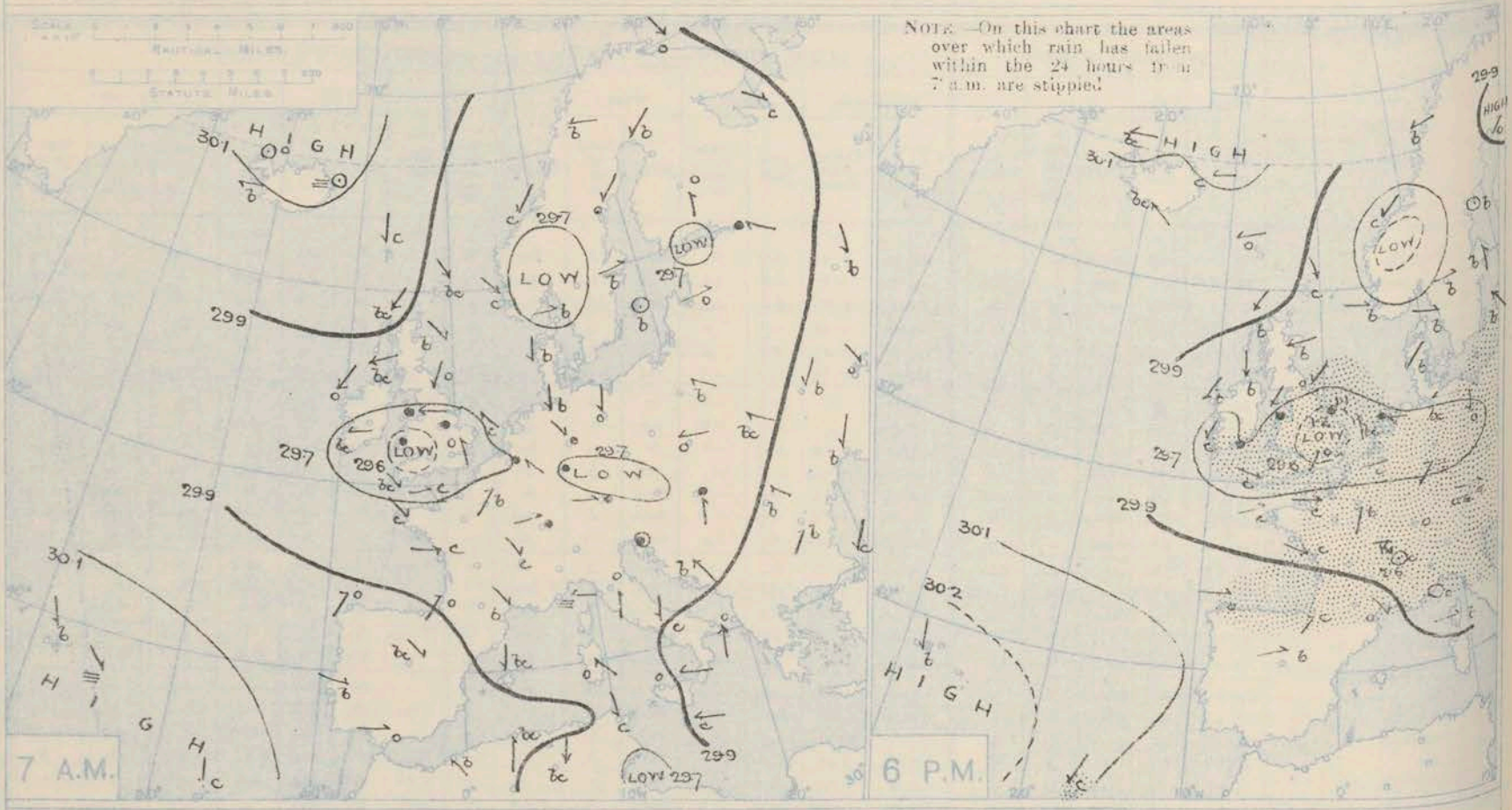
DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

Spurn Head. 3pm – 7a.m. Extreme. ENE 9 at 10p.m.

* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 60° and upwards at several southern stations, but northward the day was very cold, with many maxima below 50°, 46° at Darwen and Scarborough, and 44° at Harrogate. Many places had no rain, others had heavy falls, exceeding an inch at Spurn Head and Nottingham. Over the northern half of England there was practically no sunshine, while Scotland had from 12 to 15 hours, and southern England moderate amounts. A strong easterly gale was felt at Spurn Head late last night. Nottingham had a thunderstorm between 1 and 2 p.m.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

0 {a, b}, 1, 2 {a, b}: Light to moderate N.ly and N.E.ly breezes; fair to dull, showers in places; rather cold, local ground frost in night.

3: Same as No. 5.

4 {a, b}: Same as Nos. 0 to 2.

5: S.W.ly breezes, light to moderate, shifting N.W.ly and N.ly; fair to dull and unsettled, some rain, fair intervals; cool local ground frost in night.

6 {a, b}, 7 {a, b}, 8 {a, b}, 9 {a, b}, 10 {a, b}: Same as Nos. 0 to 2.

11 WESTERN CHANNEL AND BAY. S.W.ly to N.W.ly and N.ly breezes, light to moderate, sea smooth to moderate; fair to dull, some rain and mist; rather cold.

FORECAST DISTRICTS.

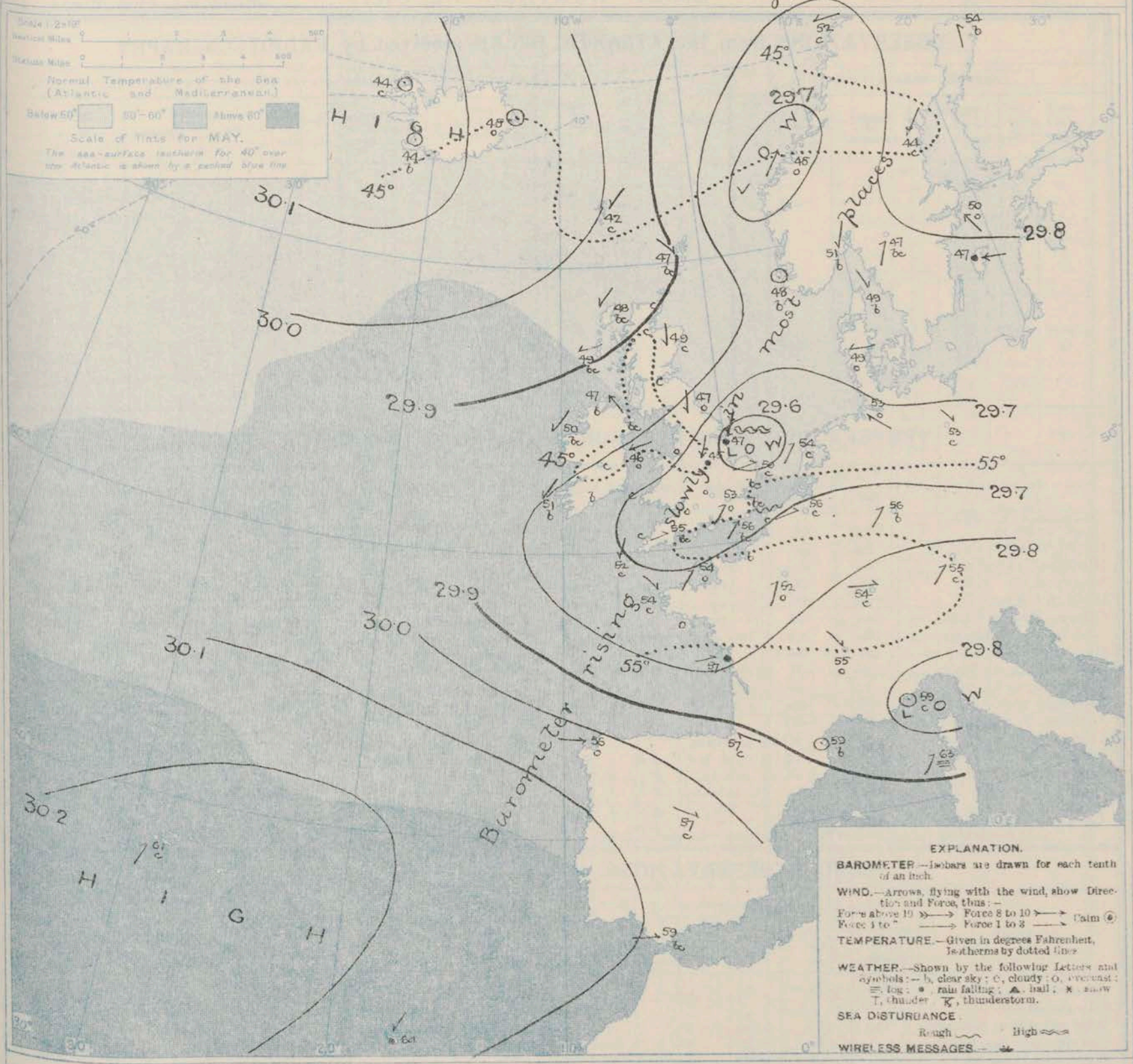
The Coasts upon which the Warning Signals are at present displayed are indicated thus:—

Signals hoisted yesterday		Signals hoisted this morning	
South Cone	▽	South Cone	▼
North Cone	△	North Cone	▲

No. Warnings issued

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Thursday, 23rd MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30·2 in. at the Azores, and above 30·1 in. in the Iceland–Greenland region. In a depression on the lower part of the North Sea the barometer is below 29·6 in. and it is nearly as low in another depression on the Norwegian coast. The gradient is slight generally.

The winds are rather variable in direction throughout the region under observation, but are mainly from some Northerly point over the greater part of the British Isles; South Westerly along the Channel and over the western portions of the Continent. Spurn Head reports a gale, but as a rule the force is moderate to very light. At the home stations temperature ranges from 40° at Birr Castle to 56° at Dungeness; on the Continent from 52° at Paris to 59° at Perpignan and Nice; in Scandinavia from 44° at Christiansund to 54° at Haparanda; and in Iceland from 44° to 46°. The weather is cloudy to overcast in most parts of our area, with showers at Nottingham, Rochefort and Nicky. A high sea is running at the entrance to the Humber, and it is rather rough at Dover, moderate to very smooth on other coasts.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

A shallow depression off the Norfolk coast will move slowly eastward, and a general increase of pressure will take place over the British Isles, accompanied by a cool Northerly type of weather.

DAILY WEATHER REPORT. Thursday, 23rd May. 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS.							OBSERVATIONS PLOTTED ON THE CHARTS.										
Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	In.					°	°	In.				°	°	°	

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min.	Weather.	Sunshine.	Rainfall.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
Stonehaven, to 6 p.m. ...	°	°	°	Hr.	In.	Douglas (I. of M.) to 6 p.m. ...	52	45	o. og.	Hr.	in.
Oban, to 6 p.m.	59	42	r. b. bc	13.3	0.01	† Brighton, to 6 p.m.	60	54	c. bc. e	0.2	0.08
Dublin (City), to 4 p.m....	53	48	ogp. bc	11.8	0.18	† Seaford, to 6 p.m.	62	55	r. b. bc. c	7.0	
Blackpool, to 9 p.m. ...	49	42	o. or	*	0.01	† Eastbourne, to 6 p.m. ...	60	54	b. bc. o. c	8.3	0.04
Southport, to p.m. ...	47	45	or.	0.0	0.20	Bexhill-on-Sea, to 9 p.m...	63	55	d. b. bc. c	8.0	-
Rhyl, to 6 p.m....	49	44	op.	0.0	0.20	† Hastings	6.0				0.06
† Colwyn Bay, to 6 p.m. ...	49	46	or.	0.0	0.53	† Folkestone, to 6 p.m. ...	*	*	*	5.4	*
Llandudno, to 9 p.m. ...	54	46	or. o. or	0.0	0.36	† Deal, to 6 p.m....	59	53	r. o. bc. o	6.4	0.02
Bettws-y-Coed, to 6 p.m...	55	46	c	0.0	0.33	† Ramsgate, to 6 p.m. ...	64	52	o. ep. bc	8.0	0.02
Aberystwyth, to 6 p.m. ...	56	51	r. b. od.	1.2	*	† Margate, to 6 p.m.	*	*	*	7.8	0.04
Plymouth, to 9 p.m. ...	59	51	bc. op. bcu	4.7	0.08	† Felixstowe, to 6 p.m. ...	?65	52	o. r. b	7.9	0.01
Paignton, to 6 p.m.... ...	62	50	o. bep. bc	3.4	0.04	† Lowestoft, to 6 p.m. ...	61	52	bep. bc.	6.9	0.02
Torquay, to 6 p.m.	61	52	c. bc	4.4	0.04	† Skegness, to 6 p.m.... ...	58	51	c. op. bc	6.6	-
Teignmouth, to 9 p.m. ...	61	52	b. bep. bc	?	0.03	Scarborough, to 9 p.m. ...	54	39	or	0.5	0.74
† Weymouth, to 6 p.m. ...	61	52	r. d. bed	3.6	0.05	† Harrogate, to 6 p.m. ...	46	44	orq.	0.0	0.66
† Bournemouth, to 6 p.m....	60	53	o. c. bc	5.2	0.70	Buxton, to 9 p.m.	44	42	op. or. r	0.0	0.78
Southsea, to 6 p.m.... ...	61	53	c. b. bc. bc	8.3	0.33	Darwen, to 9 p.m.	48	42	or. c	0.0	0.87
† Worthing, to 6 p.m. ...	60	54	c	8.0	0.14	Manchester, to 9 p.m. ...	46	42	ow. or	0.0	0.27
Carnowstie, to 6 p.m... ...	52	36	b.	13.4	0.14	Birmingham, to 9 p.m. ...	49	45	ot. or.	0.0	0.39
					-	Weston-super-Mare, to 6 p.m.	52	48	r	0.0	1.04
							60	51	c. bctp	3.0	0.47

† At this Station the amount of Bright Sunshine is for the whole day.

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
	%	%				In.	Hr.
Greenwich (Royal Obsy.) ...	56	75	67	49	o. op. c. r. c. abc	0.01	6.6
City (Bunhill Row)	*	*	*	*	*	*	5.3
Westminster (St. James's Pk.	57	84	64	51	bc. r. o	0.01	4.6
Camden Sq. (Brit. Rainfall)	59	81	68	50	o. bc. c. o	–	5.2
Hampstead (Reservoir) ...	*	91	64	48	o. bep. o.	0.01	4.5
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	65	55	cp. c. o. op.	0.03	*
,, ,, (Roof of M.O.)	57	80	64	55		*	4.8

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

23rd and 24th May 1912.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.48 / 3.47	11.49 / 11.50	7.50 / 7.52
Greenwich	4.0 / 3.59	11.56 / 11.57	7.52 / 7.54
Wick	3.32 / 3.30	12.8 / 12.9	8.45 / 8.47
Valencia...	4.39 / 4.38	12.37 / 12.38	8.36 / 8.38

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.	STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°			In	°	°	
Malaga	–	77	64	c. c.	Rome...	–	73	62	o. c.
Marseilles	0.67	64	57	r. r.	Vienna	0.08	72	54	o. f.
Malta	–	72	64	c	Utrecht	–	66	46	bc. c.
Algiers	0.04	75	63	o. bc	Zürich	0.91	*	*	o. o.
Tunis	–	90	55	bc. c.	Geneva	0.28	*	*	r. o.
Palermo	–	74	61	o. o.	Lugano	–	*	*	r. o

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday, 24th May, 1912.

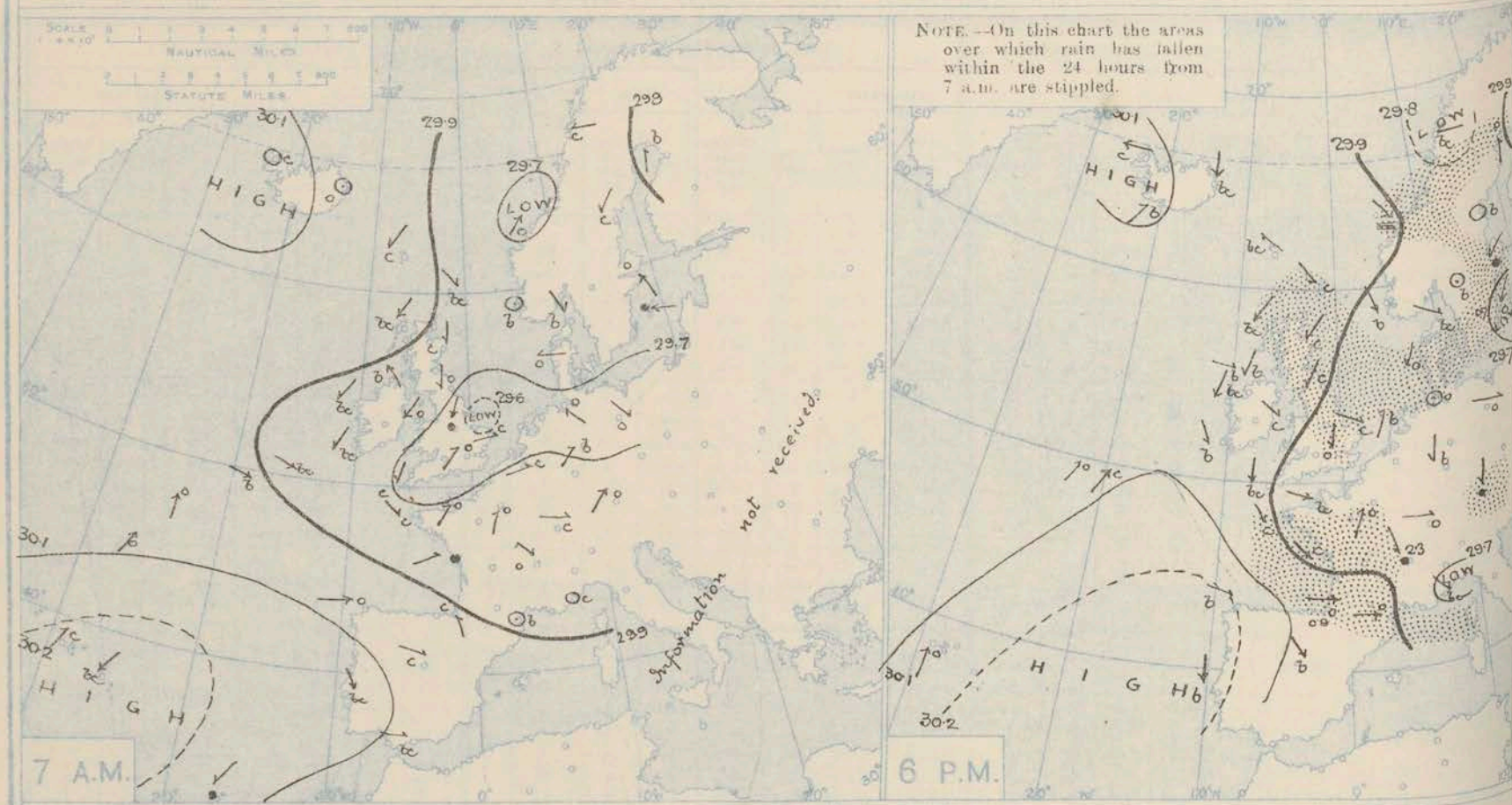
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Weather. Aftern'n. 1 p.m. to 6 p.m.	Weather. Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	30.00	47	NW	3	c	30.14	+.05	44	−3	NNW	2	bc	1	0.03	51	40	*	bc	cp	bc
	Stornoway	30.03	50	NE	4	bc	30.23	+.06	47	−1	NW	3	bc	3	Trace	54	40	9.7	bc	bc	d.c
	Castlebay (Barra Isd.)	30.04	51	NNW	4	b	30.24	+.06	48	−1	N	2	bc	2	–	54	?48	13.9	bc	c.b	bc
	Malin Head... ...	30.01	51	NNE	3	b	30.22	+.09	49	+2	NNE	3	b	2	–	55	45	*	bc	bc	bc
	Blacksod Point ...	30.01	53	NNE	4	bc	30.26	+.08	52	+2	–	0	bc	1	–	54	39	*	c	c	c
	Valencia	30.01	55	NNW	3	b	30.25	+.06	47	−4	–	0	bz	3	–	58	39	12.4	bc	b	bc.
	Roche's Point ...	29.99	57	NNE	3	c	30.24	*	48	+1	N	2	b	2	0.01	58	45	*	o.c	c	c.bw
	Birr Castle	29.97	53	NE	2	e	30.23	*	46	+6	NE	3	c	*	–	54	39	0.0	c	c	c
	Donaghadee ...	29.97	52	N	3	bc	30.21	+.05	47	+2	WNW	2	b	1	–	55	41	*	bz	bc	bc.cq.b
	Liverpool Obsy. ...	29.92	49	NNW	2	c	30.19	+.05	48	+4	NNE	3	b	1	Trace	51	43	0.1	og	o.c	b
	Holyhead	29.92	51	NW	3	c	?30.19	+.03	51	+5	N	3	bc	2	–	52	45	*	o.cm	cm	bcm
	Pembroke (St. Ann's Hd.)	29.92	50	N	4	c	30.18	+.08	52	+3	N	2	b	2	–	55	46	0.4	cg	cg.g	cg
	Newquay	29.90	52	NW	6	b	30.17	+.06	52	+1	N	2	c	3	–	57	50	4.0	bc.o	o.b.	c.
	Scilly (St. Mary's) ...	29.91	54	N	4	bc	30.17	+.03	52	0	N	2	bc	3	0.01	58	48	10.2	bc	bc	cm
	Jersey (St. Aubin) ...	29.85	56	WNW	4	bm	30.13	*	52	−2	N	3	agm	3	–	61	51	8.2	cgm	bc	ogm
	Portland Bill ...	29.84	53	N	3	o	30.11	+.07	50	−2	N	3	b	3	–	59	49	3.0	bc	om	om.cb
	Dungeness	29.74	58	NNW	4	cg	30.01	+.07	51	−5	NW	5	c	4	–	60	47	11.2	bc	eg	o.cp.c
	Dover	29.79	54	NW	4	c	30.04	*	49	−6	NW	4	o	2	0.01	58	47	1.0	bc.b	b.bc.c	c.op
	Wick	30.01	48	NNE	2	e	30.18	+.06	45	−4	NNE	3	cp	3	0.02	50	38	*	bcp	bc.cp	bc.cp
	Nairn	30.00	50	ENE	1	bc	30.19	*	47	+2	WNW	2	c	2	0.04	54	39	6.9	b	bc	bc
	Aberdeen	29.98	49	NE	3	c	30.18	+.04	45	−4	NW	3	c	2	0.01	55	37	3.0	cp.o	cp	e.bc.b
	Leith	29.98	50	ENE	3	c	30.20	+.05	50	+3	–	0	c	*	–	55	44	*	cp.bc	bc.c	bc.c
	North Shields ...	29.92	52	NNE	3	c	30.16	+.05	45	−2	NW	2	b	3	0.04	53	43	4.8	p	o	c
	Spurn Head ...	29.81	47	N	8	o	30.08	+.03	49	+2	N	8	bc	6	0.02	49	44	*	og	eg	cg.cpg
	Yarmouth	29.75	53	WNW	2	c	30.02	+.08	49	−5	N	4	o	4	–	62	47	3.0	cp.c	c.bc.c	o
	Clacton-on-Sea ...	29.78	53	W	2	o	30.04	+.07	50	−5	WNW	2	o	1	–	62	47	6.1	bc.ou.c	cg.o	o
	Nottingham... ...	29.85	49	N	3	o	30.12	*	47	+2	N	3	c	*	Trace	49	43	0.0	d.o	d.o	o.
	Bath	29.86	52	N	2	o	30.16	*	48	−1	N	2	b	*	–	55	44	0.0	–	–	–
	Oxford	29.91	48	N	2	o	30.16	*	49	+1	N	4	b	*	–	50	45	*	o	o	o
	London (Kew Obsy.)...	29.83	51	N	2	o	30.10	+.08	48	−5	NNW	2	o	*	Trace	56	46	0.0	o	o	od.o
ICELAND & FAEROE.	Isafjord...	30.14	49	E	4	b	30.21	+.01	48	−1	–	0	b	*	*	*	*				
	Reykjavik	30.09	51	–	0	r								*	*	*	*				
	Vestmanna	30.13	50	SW	1	b									*	*	*				
	Seydisfjord	30.08	48	N	4	bc	30.21	+.03	40	−5	NNW	3	b	*	*	*	*				
	Thorshavn	30.07	49	SE	1	bc	30.16	+.03	46	+4	–	0	c	*	*	*	*				
SCANDINAVIA.	Haparanda	29.90	53	S	2	o	29.97	+.04	48	−6	S	2	o	*	0.04	64	46				
	Hernösand	29.85	42	–	0	b	29.93	+.03	50	+6	N	2	b	*	–	50	37				
	Stockholm	29.79	46	NE	2	r	29.86	+.05	51	+1	N	6	o	*	0.24	54	45				
	Wisby	29.67	43	NNE	4	o	29.81	+.06	44	−3	N	4	f	*	0.71	50	39				
	Karlstad	29.77	56	–	0	b	29.89	+.04	55	+8	NE	4	b	*	–	68	45				
	Færder (X'tania Fjord)	29.76	54	WSW	2	b	29.90	+.04	52	+1	NNE	4	b	1	–	55	50				
	Bodö	29.75	53	E	2	bc	29.96	+.07	48	−4	SW	4	bc	2	–	54	43				
	Christiansund ...	29.91	45	NW	2	f	30.02	+.02	46	+1	–	0	f	2	0.20	46	45				
	Skudesnaes	29.82	49	NNW	6	b	29.96	+.02	47	−1	NNW	8	c	2	–	54	39				
	The Scaw (Skagen)...	29.80	50	WNW	3	bc	29.90	+.01	53	+4	NW	3	bc	1	–	54	45				
	Blaavands Huk ...	29.79	50	NNE	1	o	29.90	+.06	53	+4	N	1	bc	1	0.04	57	46				
GERMANY, &c.	Cuxhaven	29.78	56	–	0	o	29.91	+.04	54	+1	N	1	o	*	0.08	59	48				
	The Helder	29.76	55	SSW	2	b	29.93	+.04	53	−1	W	1	o	o	–	57	46				
	Brussels	29.81	56	WSW	1	c	29.98	+.06	52	−4	W	2	o	*	–	67	46				
	Berlin	29.76	61	W	1	o	29.87	+.04	59	+6	E	1	c	*	–	66	54				
	Frankfurt	29.76	59	N	1	b.	29.86	+.05	58	+2	NE	1	b.	*	–	66	50				
	Munich	29.88	50	N	2	r	29.84	+.01	50	−5	NW	2	r	*	0.43	59	48				
FRANCE.	C. Gris Nez... ...	29.78	55	WSW	3	c	30.03	+.06	52	−3	NW	5	c	3	–	61	50				
	La Hève	29.82	55	N	1	c	30.07	*	50	−5	NNE	3	o	3	–	?55	46				
	Brest (St. Mathieu) ...	29.93	55	SW	3	c	?30.21	+.07	52	−2	N	3	b	5	0.04	59	50				
	Lorient (Bec Melen)...	?	59	NW	4	bc	?30.12	*	52	−2	NNW	5	b	4	0.08	63	48				
	Rochefort (Ile d' Aix)	29.86	59	NW	6	c	30.15	*	55	−2	NNW	4	o	*	0.32	63	54				
	Biarritz	30.01	59	W	6	o	30.15	*	55	−2	W	6	r	5	0.87	61	52				
	Paris	29.79	58	WSW	2	o	30.01	+.07	52	0	NNW	2	o	*	0.24	65	51				
	Belfort	29.83	58	W	3	o	29.95	*	51	−3	W	2	o	*	–	63	49				
	Lyons	29.86	55	NNW	1	r	29.98	*	55	0	NW	5	o	*	2.32	62	49				
	Nice	29.68	58	NW	2	bc	29.76	+.05	58	−1	–	0	c	3	–	73	52				
	Perpignan	29.91	60	W	4	o	30.04	+.05	59	0	W	4	b	*	0.04	67	55				
	Sanguinaire	29.80	59	SW	5	r	29.85	*	62	−1	NW	7	m	7	0.47	68	52				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.) ...	30.22	57	WNW	3	b	30.37	.00	56	−1	NW	1	f.	5	–	61	52				
	Lisbon (9 a.m.) ...	30.22	57	N	4	b	30.19	+.02	60	−2	N	5	b	5	–	66	54				
	Gibraltar	30.01	64	NW	4	bc	29.98	*	65	+6	SW	3	o	*	–	*	*				
	Azores (P. Delgada)																				
	Azores (Horta) ...	30.13	63	S	5	o	30.04	.00	64	+3	SSW	4	o	3	–	66	61				
	Madeira (Funchal) ...	30.17	62	NE	3	b	30.16	+.02	63	−1	NE	3	b	3	–	70	52				

DURATION AND EXTREME FORCE OF GALES 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 MAY



NOTES ON YESTERDAY'S WEATHER.

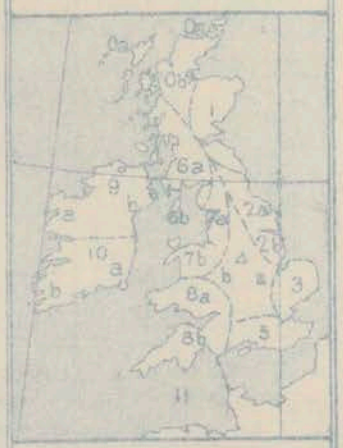
During yesterday temperature failed to reach 60° in nearly all parts of the British Isles; in several places in the northern half of England the maxima were below 50°, only 46° at Buxton. Slight showers fell in a few scattered localities. The duration of bright sunshine was extremely variable, none at a considerable number of stations, 14 hours at Castlebay. A fresh head at steady N.by gale has been blowing. As far west as the 28th meridian ships experienced moderate to strong W.by and S.W.by winds, and cloudy to dull weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

0 {a, b}, 1, 2 {a, b}, 3+, 4 {a, b}, 5 — Moderate to light breezes, between N.W. and N.E.; cloudy to fine; very cool, local ground frost.

FORECAST DISTRICTS.



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

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

No Warnings issued

6 {a, b}, 7 {a, b}, 8 {a, b}, 9 {a, b}, 10 {a, b} — Same as Nos. 0 to 5.

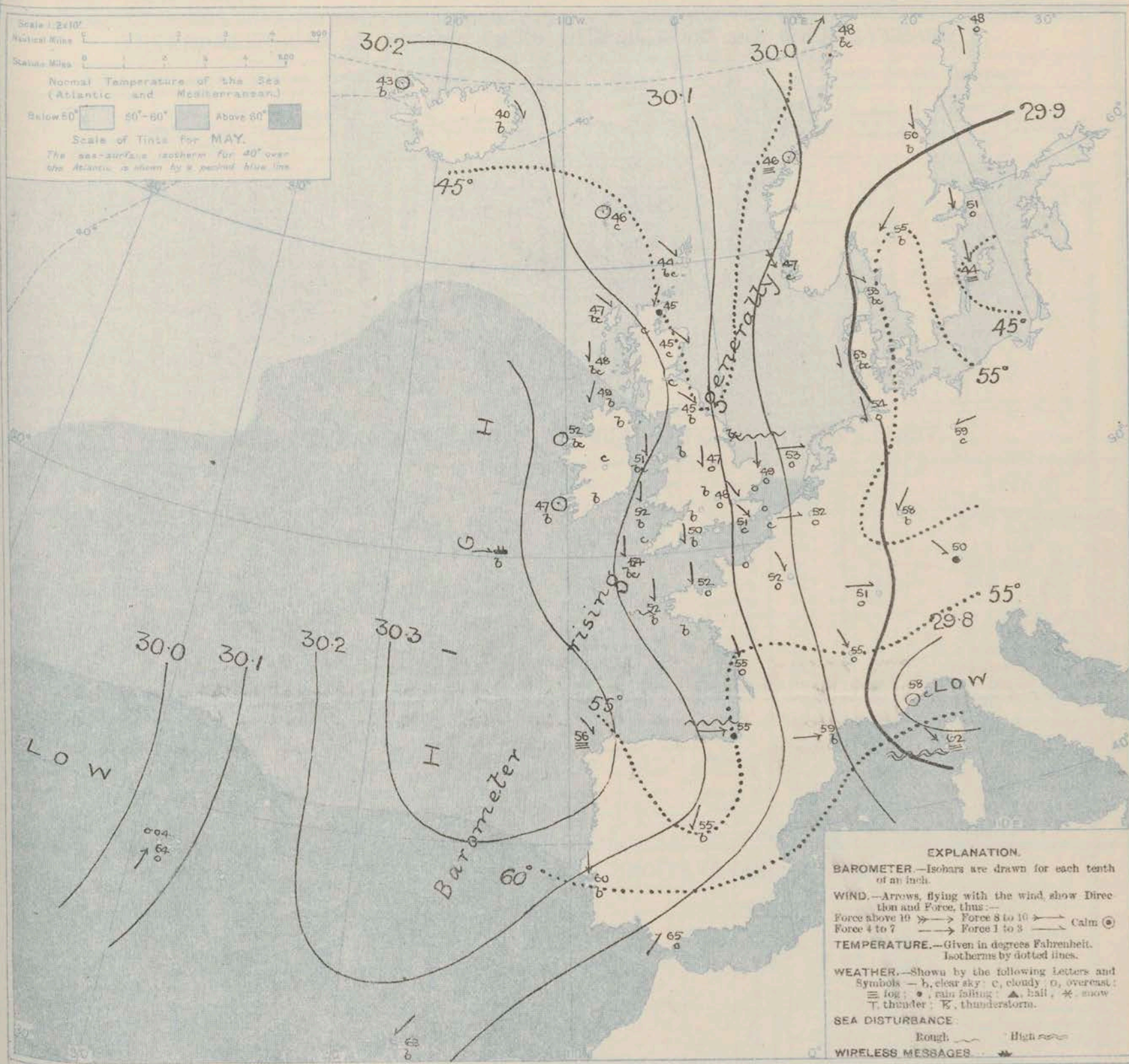
THE FURTHER OUTLOOK. (All districts)

Continuing fair to fine and cool.

11 WESTERN CHANNEL AND BAY.

Moderate to light N.by breezes; sea slight or smooth; cloudy to fine, local mist; rather cool.

SYNOPTIC CHART FOR 7 A.M. FRIDAY, 24th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer has risen over the whole of the region under observation, and an anticyclonic system occupies the Eastern Atlantic and the greater part of the western half of Europe. The barometer is above 30·2 in. at our western stations and in Iceland, and about 29 3/10 in. on the Baltic and the Riviera. The gradient is slight generally.

A N.ly breeze prevails all round, mostly light in force, but a high wind is blowing on the coast of Corsica, a gale at Spurn Head and Studesnaes. Over the British Isles temperature ranges from 44° at Lerwick to 52° at several places in the southwest; on the Continent from 50° at Havre and Munich to 65° at Gibraltar; in Scandinavia from 44° at Visby to 55° at Karlstad; and in Iceland from 40° to 43°. At home and abroad the weather is variable, from overcast to cloudless skies. Showers are reported at Wick rain at Munich and Biarritz. A high sea is running on the Corsican coast, and it is rough at the entrance to the Humber, but generally it is slight to very smooth.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

During the ensuing 24 hours an extensive high pressure system on the Atlantic will maintain a cool N.ly type of weather over the whole of the British Isles.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	In.					°	°	In.				°	°	°	
May 24th 7am	50	15	30.21	W	1-3	Cedric	May 24th 7am	50	14	30.26	W	1-3	b				
May. 23rd 3p.m	55	7	29.96	NNW	4-5	Pretorian	May 23rd 6p.m	55	8	30.05	WNW	4-5	b.	.	.	.	.
" " "	49	19	30.09	WSW	4-5	Arabic	" - -	49	20	30.06	SW	4-5	o	.	.	.	.
" - -	48	20	30.08	SSW	4-5	Cedric	" - -	49	19	30.09	SSW	4-5	c	.	.	.	.
" - -	46	24	30.12	SW	6-7	Oceanic	" " -	46	22	30.07	SW	6-7	o	.	.	.	.
" " -	48	21	30.06	SW	6-7	?Caronia	" " -	48	22	30.02	S	4-5	c	.	.	.	.
" - 4am	47	24	30.01	S	4-5	Cedric	- - 7a.m	47	23	29.94	S	4-5	o	.	.	.	.
" " -	44	28	30.04	SW	6-7	Oceanic	" - -	44	27	30.07	SW	6-7	o	.	.	.	.
" " -	50	16	29.83	NW	6-7	Caronia	" - -	49	18	29.95	WNW	6-7	b	.	.	.	.
" " -	50	15	29.98	NW	4-5	Arabic	" - -	50	16	29.84	WNW	6-7	bc	.	.	.	.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min.	Weather.	Sunshine. hr.	Rainfall. in.
Stonehaven, to 6 p.m. ...	*	*	*	4.5	0.01
Oban, to 6 p.m.	57	36	b.	12.5	–
Dublin (City), to 4 p.m....	53	46	or. c. bc	*	0.12
Blackpool, to 9 p.m. ...	55	42	r. o. cp. w	2.5	0.30
Southport, to p.m. ...	53	42	o. bc. c. o	0.5	0.27
Rhyl, to 6 p.m.	53	45	r. o. bc	2.5	0.15
†Colwyn Bay, to 6 p.m. ...	53	44	o. bc. c.	2.0	0.17
Llandudno, to 9 p.m. ...	54	44	or. o. bc. o	1.8	0.09
Bettws-y-Coed, to 6 p.m...	53	43	e. b	1.8	*
Aberystwyth, to 6 p.m. ...	55	46	c. o.	0.0	–
Plymouth, to 9 p.m. ...	55	47	or. bc. g	0.8	–
Paignton, to 6 p.m.... ...	57	43	o	0.5	–
Torquay, to 6 p.m.	57	47	c. o.	0.8	–
Teignmouth, to 9 p.m. ...	58	46	bc. cy. c	0.7	–
†Weymouth, to 6 p.m. ...	58	50	c. bc. ap. cy	3.0	–
†Bournemouth, to 6 p.m....	59	49	o. c	3.7	–
Southsea, to 6 p.m.... ...	62	47	b. bc. a. cg	4.4	0.07
†Worthing, to 6 p.m. ...	61	53	c. b. c	7.3	–
Carnowie, to 6 p.m.. ...	53	40	o. b.	4.8	–

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. hr.	Rainfall. in.
Douglas, to 6 p.m.	56	40	o. bq.	4.0	0.04
†Brighton, to 6 p.m.	61	53	f. bc. c. o	8.0	–
†Seaford, to 6 p.m.	60	52	b. op	11.5	–
†Eastbourne, to 6 p.m. ...	60	52	b. o bc. o	12.1	–
Bexhill-on-Sea, to 9 p.m...	60	53	bc. b. bcq g	10.3	–
†Hastings	*	*	*	10.6	*
†Folkestone, to 6 p.m. ...	60	52	b. bc. o. b	11.0	–
†Deal, to 6 p.m....	64	49	bc. cp. th. c	8.0	0.18
†Ramsgate, to 6 p.m. ...	*	*	*	6.5	–
†Margate, to 6 p.m.	65	49	bc. r. t. c	5.5	0.32
†Felixstowe, to 6 p.m. ...	61	?	bc. o. or	5.2	?
†Lowestoft, to 6 p.m. ...	63	52	bc. c. o	6.2	–
†Skegness, to 6 p.m.... ...	52	39	r. o	0.0	0.05
Scarborough, to 9 p.m. ...	48	43	cg r. cg	0.0	0.93
†Harrogate, to 6 p.m. ...	48	40	r. o	0.0	0.72
Buxton, to 9 p.m.	46	40	crg. cg p	0.0	0.07
Darwen, to 9 p.m.	49	40	or. bc	0.1	0.37
Manchester, to 9 p.m. ...	52	44	or. o. bc	0.3	0.16
Birmingham, to 9 p.m. ...	49	43	r. o	0.0	0.22
Weston-super-Mare, to 6 p.m..	53	47	cd. or	0.0	0.01

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
	%	%				In.	Hr.
	24 Hours ended at 9 a.m. To-day.						
Greenwich (Royal Obsy.) ...	78	87	60	45	o. ocl.	0.01	2.4
City (Bunhill Row)	*	*	*	*	*	*	0.3
Westminster (St. James's Pk.)	77	84	57	47	o. bc. c	–	0.6
Camden Sq. (Brit. Rainfall)	79	79	60	46	o. c. o	–	0.3
Hampstead (Reservoir) ...	*	81	55	44	o. op. o.	–	0.2
	24 Hours ended at 6 p.m. Yesterday.						
South Kensington ...	*	*	60	50	r. o	0.01	*
" " (Roof of M.O.)	76	77	59	51		*	0.0

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

24th & 25th May 1912.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.47 / 3.46	11.50 / 11.50	7.52 / 7.54
Greenwich	3.59 / 3.58	11.57 / 11.57	7.54 / 7.56
Wick	3.30 / 3.29	12.9 / 12.9	8.47 / 8.49
Valencia...	4.38 / 4.37	12.38 / 12.38	8.38 / 8.39

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga	Observations not received			
Marseilles				
Malta				
Algiers				
Tunis				
Palermo				

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In	°	°	
Rome...	Observations not received			
Vienna				
Utrecht				
Zürich				
Geneva		*	*	
Lugano		*	*	

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday, 25th May, 1912.

	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	30.25	48	NW	3	bc	30.25	.00	43	−1	NNW	5	c	3	0.05	50	39	*	c	bc	c.pq
	Stornoway	30.35	51	NNW	3	bv	30.41	+.01	48	+1	NW	2	o	2	–	54	39	9.6	bcv	bv	bv
	Castlebay (Barra Isd.)	30.35	52	NW	4	b	30.42	+.01	49	+1	NW	2	bc	1	–	53	43	12.2	bc.o.bc	bc.b	b.
	Malin Head	30.35	52	N	2	b	30.40	+.02	50	+1	N	2	b	1	–	54	46	*	bcv	bcv	bc
	Blacksod Point	30.33	56	NNW	2	bc	30.39	+.01	52	0	NE	1	b	2	–	58	45	*	bc.	bc	bc
	Valencia	30.34	57	W	2	b	30.39	+.02	48	+1	–	0	b	3	–	59	38	15.0	b	b	c.b
	Roche's Point	30.33	56	SW	3	c	30.40	*	49	+1	N	2	b	2	0.01	60	43	*	bc	cg	c.bw
	Birr Castle	30.30	59	NW	1	bc	30.39	*	42	−4	NW	1	b	*	–	62	35	7.4	c	bc	bxc
	Donaghadee	30.32	52	NNE	3	b	30.40	+.03	50	+3	N	2	b	3	–	56	42	*	bc	b	b
	Liverpool Obsy.	30.29	53	WNW	3	b	30.38	+.02	49	+1	NW	2	b	3	–	56	45	14.3	b	b	b
	Holyhead	30.30	51	NW	1	b	30.38	+.01	56	+5	NW	1	bc	1	–	56	43	*	b	b	bem
	Pembroke (St. Ann's Hd.)	30.31	52	NW	2	b	30.38	+.03	53	+1	–	0	b	3	Trace	60	47	14.0	bc	bc	b
	Newquay	30.29	55	NNW	2	bv	30.37	+.01	54	+2	N	2	b	2	–	56	45	13.6	bv	bv	b.
	Scilly (St. Mary's)	30.29	57	NNE	2	b	30.37	+.02	53	+1	NNE	1	c	1	–	59	46	13.7	bc	b	b.
	Jersey (St. Aubin)	30.25	57	NNW	3	b	30.36	*	56	+4	NE	3	bm	3	–	61	47	10.1	omg.bc	bc	bem
	Portland Bill	30.22	58	NE	2	c	30.35	+.03	52	+2	ENE	2	b	2	–	60	48	10.5	bc	bc.c	c.bc
	Dungeness	30.17	53	N	4	c	30.31	+.02	50	−1	N	3	bc	3	Trace	56	38	0.0	c	cp.c	c.bc
	Dover	30.20	50	NNW	4	og	30.31	*	49	0	N	5	bc	2	0.03	54	42	0.0	or.o	o	og.c.bc
	Wick	30.31	49	NNW	3	b	30.33	.00	45	0	NW	3	cp	3	0.02	52	39	*	bc.c	c.bc.c	cmp.
	Nairn	30.31	50	–	0	bc.	30.37	*	45	−2	W	1	b	1	0.01	54	32	5.4	bc	b.bc	b.
	Aberdeen	30.30	53	N	3	b	30.36	.00	49	+4	WNW	4	b	2	–	56	36	10.7	c.bc.	bc.b	bw
	Leith	30.29	50	ESE	2	c	30.39	+.01	49	−1	–	0	b	*	–	58	36	*	c.bc	c	c.bc
	North Shields	30.30	51	NNE	3	c	30.40	+.02	51	+6	WNW	2	b	3	–	54	40	10.1	c	o	c
	Spurn Head	30.27	50	N	4	bc	30.36	+.01	47	−2	NNW	5	bc	5	–	53	43	*	cq.bc	bc	bc.
	Yarmouth	30.24	50	NNE	4	o	30.34	+.02	50	+1	N	3	bc	4	–	53	43	0.7	o	o	c.bc
	Clacton-on-Sea	30.22	51	NNW	3	c	30.34	+.03	48	−2	NNW	2	b	2	–	55	39	0.5	o.c.	c	c.bw.b
	Nottingham	30.24	54	E	1	c	30.37	*	50	+3	NE	2	bm	*	0.02	58	45	6.7	o.c	c	c.cp.
	Bath	30.24	59	NE	1	c	30.38	*	45	−3	–	0	b	*	–	61	38	10.7	–	–	–
	Oxford	30.30	49	NE	2	b	30.39	*	52	+3	NE	1	cg	*	–	59	45	*	bbc	bc.c	bcmoc
	London (Kew Obsy.)	30.25	55	NE	2	bc	30.37	+.03	49	+1	N	1	bem	*	–	57	40	3.4	o	o.c.bc	bc.bbc
ICELAND & FAEROE.	Isafjord	30.21	55	E	3	b	30.25	−.01	47	+4	–	0	b	*	*	*	*				
	Reykjavik	30.24	55	S	3	b	30.19	.00	44	+1	E	3	r	*	*	*	*				
	Vestmanna	30.25	51	SE	5	b	30.27	−.01	46	−1	ESE	8	o	3	*	*	*				
	Seydisfjord	30.34	52	NE	3	b	30.38	+.01	36	−4	–	0	bc	*	*	*	*				
	Thorshavn	30.26	50	NNW	4	b	30.36	+.01	41	−5	NE	1	c	*	*	*	*				
SCANDINAVIA.	Haparanda	30.06	47	E	2	o	30.10	.00	50	+2	NE	2	c	*	–	52	43				
	Hernösand	30.00	52	–	0	b	30.14	+.04	45	−5	NE	2	o.	*	–	61	43				
	Stockholm	30.00	54	N	2	b	30.06	+.01	56	+5	NNE	2	bc	*	–	63	45				
	Wisby	29.96	51	ENE	4	b	30.00	+.03	45	+1	NE	4	o	*	–	54	41				
	Karlstad	29.97	57	–	0	c	30.06	+.04	55	0	–	0	o	*	–	68	52				
	Færder (X'tania Fjord)	29.96	57	NW	1	o	29.96	+.01	54	+2	E	1	c	1	–	57	52				
	Bodö	30.13	45	W	3	bc	30.20	+.02	45	−3	W	1	b	1	–	48	41				
	Christiansund	30.13	47	–	0	c	30.10	−.01	47	+1	NE	1	c	2	0.04	48	45				
	Skudesnaes	30.07	48	N	8	c	30.12	.00	46	−1	NNW	6	b	2	–	50	41				
	The Scaw (Skagen)	29.99	53	NNW	2	bc	30.02	+.01	52	−1	SSW	2	m	0	–	59	45				
	Blaavands Huk	30.06	48	NNW	4	o	30.14	+.02	49	−4	NNW	4	c	3	–	57	45				
GERMANY, &c.	Cuxhaven	30.04	53	N	4	o	30.15	+.03	50	−4	N	4	o	*	–	61	50				
	The Helder	30.13	50	N	5	o	30.27	+.01	50	−3	N	4	c	3	Trace	57	48				
	Brussels	30.14	49	NW	4	r	30.25	+.04	48	−4	NNE	2	o	*	0.04	57	45				
	Berlin	29.92	62	NE	3	o	29.97	+.02	55	−4	NW	3	c	*	–	68	52				
	Frankfurt	29.96	59	N	3	o	30.03	+.04	57	−1	NE	2	o	*	0.04	64	55				
	Munich	29.94	50	W	4	r	30.00	+.01	50	0	NW	3	r	*	0.55	52	48				
FRANCE.	C. Gris Nez	30.19	52	N	5	o	30.31	+.04	49	−3	N	5	r	5	Trace	57	48				
	La Hève	30.21	52	NNE	4	o	30.33	*	55	+5	N	3	c	3	–	59	46				
	Brest (St. Mathieu)	30.30	57	NNW	3	b	30.39	+.02	48	−4	NE	2	b	1	–	61	48				
	Lorient (Bec Melen)	30.22	66	N	4	b	30.30	*	50	−2	NNE	3	b	2	–	64	45				
	Rochefort (Ile d'Aix)	30.17	58	N	3	o	30.27	*	53	−2	NNE	3	c	*	0.04	61	50				
	Biarritz	30.25	58	NW	4	c	30.25	*	55	0	ENE	2	o	3	0.04	61	52				
	Paris	30.13	55	N	4	o	30.26	+.03	49	−3	N	4	o	*	–	58	48				
	Belfort	30.02	54	ENE	4	o	30.10	*	50	−1	–	0	f	*	0.04	59	49				
	Lyons	30.06	52	NNW	3	r	30.11	*	49	−6	NW	3	r	*	3.31	66	48				
	Nice	29.73	63	E	2	c	29.81	+.04	59	+1	–	0	c	2	0.08	70	52				
	Perpignan	30.08	60	NW	4	b	30.06	−.02	58	−1	W	4	b	*	–	67	53				
	Sanguinaire	29.84	62	W	5	m	29.85	*	62	0	SW	4	m	5	r	64	54				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)	30.38	59	NNW	3	b	30.36	.00	55	−1	NNW	1	f	3	–	61	50				
	Lisbon (9 a.m.)†	30.13	60	NW	5	b	30.10	+.03	65	+5	N	5	b	5	–	70	59				
	Gibraltar	29.99	65	E	1	b	?	*	62	−3	E	2	o	*	–	*	*				
	Azores (P. Delgada)																				
	Azores (Horta)	30.25	56	NW	3	c	30.34	+.04	57	−7	N	2	b	2	0.04	66	52				
	Madeira (Funchal)	30.15	67	NE	3	o	30.15	+.02	65	+2	NE	3	o	3	–	70	54				

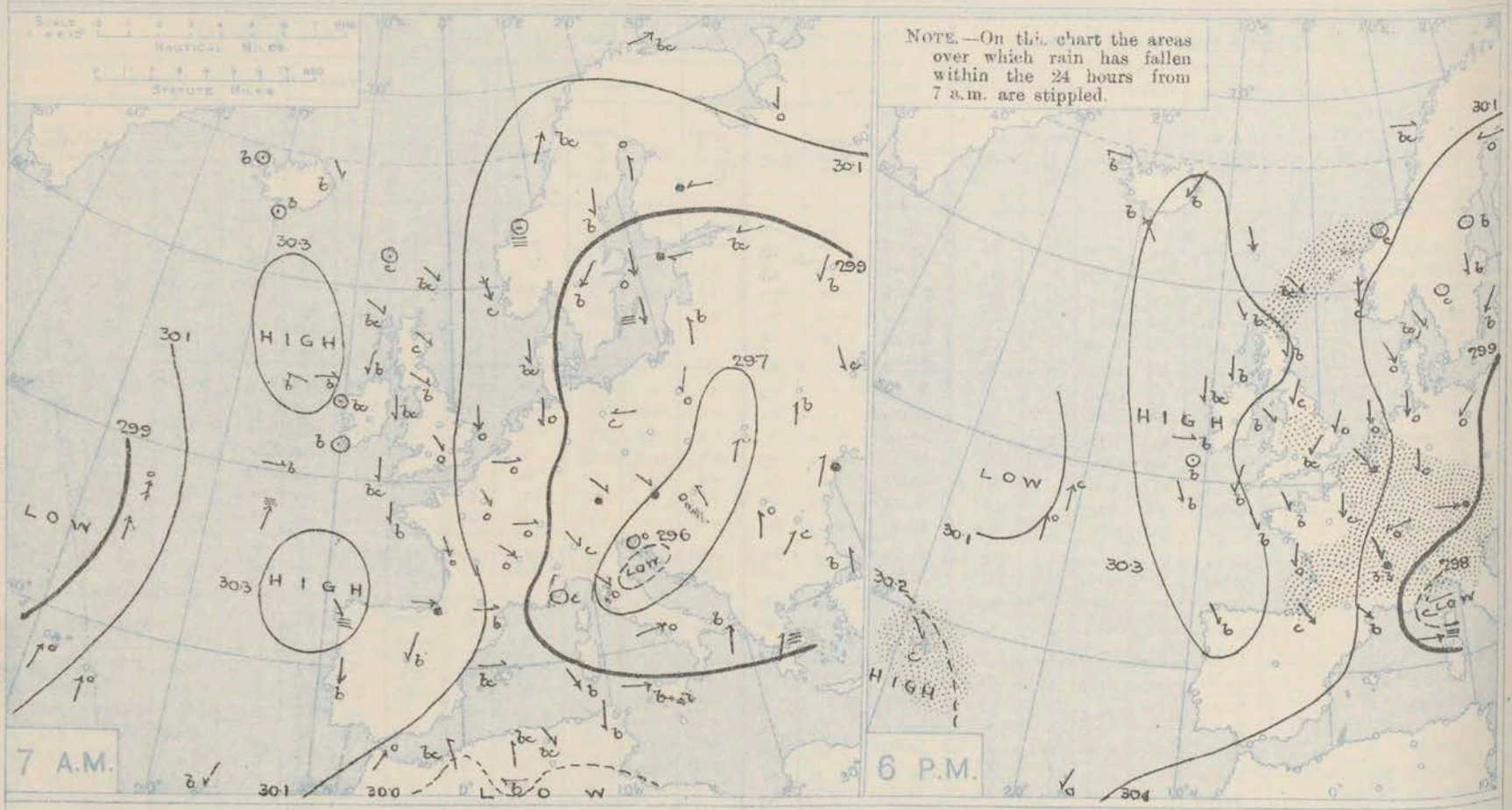
DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

Spurn Head. Gale eased 11 a.m. Extreme N. 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. 25TH MAY,



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature touched 62° at a few of our south-western stations, but in Shetland it did not pass 50°. In the night the shade thermometer was 32° at Nairn, and the one on the grass 28° at Kew Observatory. The duration of bright sunshine ranged from none in several localities to 15 hours at Valencia. The N.W. gale at Spurn Head ceased in the course of the forenoon. Lyons reports 3·3 in. of rain, making 8·3 in. in three days. Near the Irish coasts ships experienced calms and light variable breezes, further west, as far as the 28th meridian, S. and S.W. winds, strong to a gale, with dull weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

0 {a, b}, 1, 2 {a, b}, 3, 4 {a, b}, 5 — Calms and light variable breezes, mainly between N.W. and N.E.; fine; temperature rising.

FORECAST DISTRICTS.

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

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

No Warnings issued.

6 {a, b}, 7 {a, b}, 8 {a, b}, 9 {a, b}, 10 {a, b} — Same as Nos. 0 to 5.

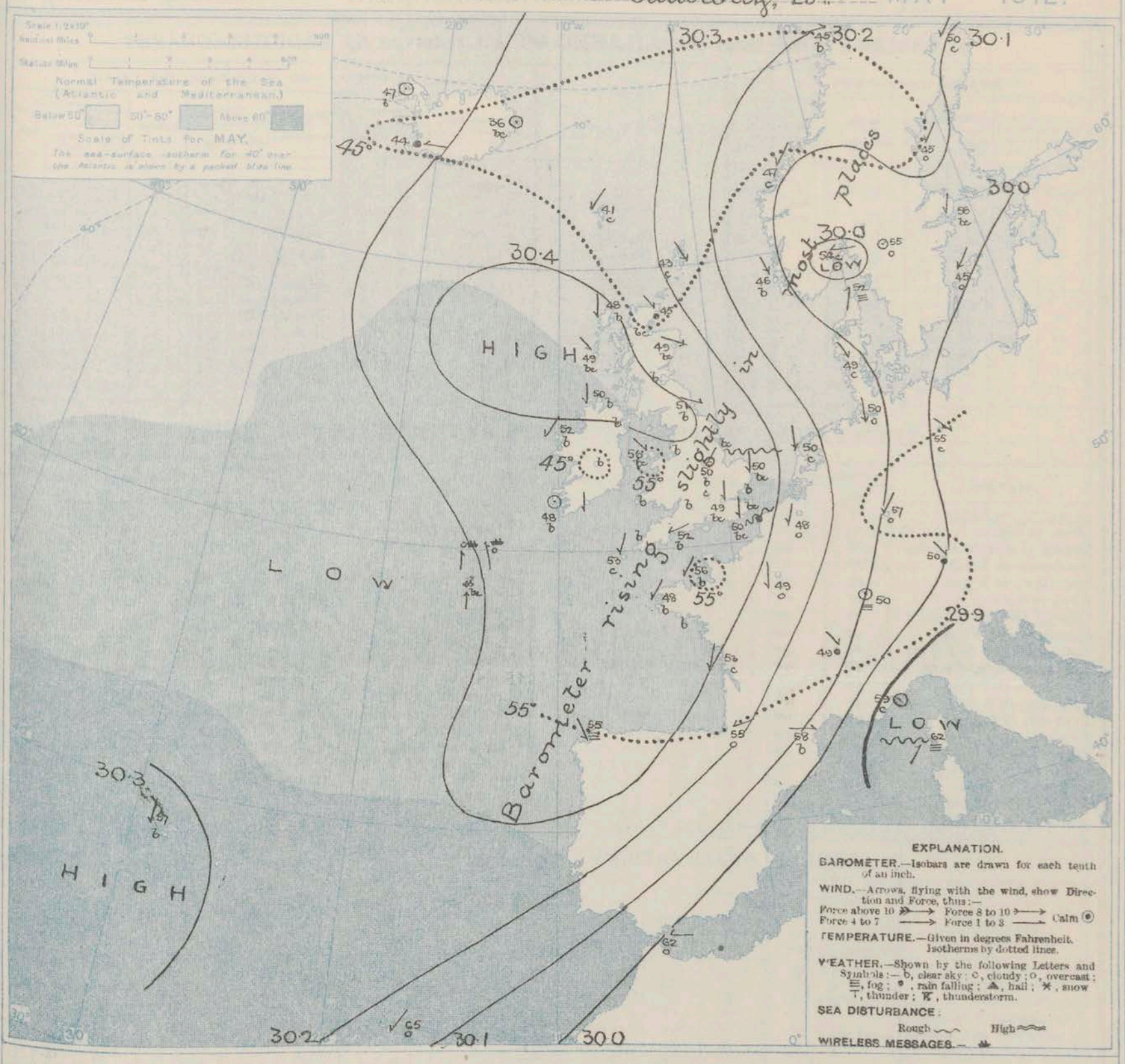
11 WESTERN CHANNEL AND BAY.

Light N. and N.E. breezes; smooth sea; fine, local mist; cool.

THE FURTHER OUTLOOK. (all districts)

Continuing fine, and becoming warmer.

SYNOPTIC CHART FOR 7 A.M. Saturday, 25th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An area of high pressure covers the whole of the region under observation. Its central space, with the barometer up to nearly 30½ in., lies off our northwestern coasts. Thence to the eastward the readings diminish to below 30 ins. on the Baltic and in Eastern Germany. The gradient is slight generally.

Winds from between N. and NE. prevail at home and abroad, fresh locally around the North Sea, light elsewhere. Over the British Isles temperature ranges from 48° at Bin Castle to 56° at Holyhead and Jersey; on the Continent from 48° at Brest and Brussels to 59° at Nice; in Scandinavia from 45° at Bodö, Hernösand and Visby to 56° at Stockholm; and in Iceland from 36° to 49°. The weather is fine and clear over practically the whole of the British Isles, but in other countries there is a good deal of cloud, and rain is falling at Munich, Cape Gris Nez and in the southwest of Iceland. The sea is rather rough off the Humber, Gris Nez and Corsica, slight to very smooth elsewhere.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

Fine, anticyclonic weather will be maintained through the ensuing 24 hours.

DAILY WEATHER REPORT. Saturday, 25th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance
	°	°	In.					°	°	In.				°	°	°	
May 25th 4 a.m.	48	17	30.22	S	4-5	Lapland	May 25th 7 a.m.	48	15	30.26	S	4-5	bc				
" " "	50	16	?	SSE	6-7	Carmania	" " "	50	14	?	SSE	1-3	o				
" " "	50	15	30.31	SSE	1-3	Baltic	" " "	50	16	30.28	S	1-3	o				
" 24th 3 p.m.	55	12	30.29	E	1-3	Teutonic	" 24th 6 p.m.	55	9	30.30	E	1-3	b				
" " "	51	9	30.38	–	0	Baltic	" " "	51	11	30.38	–	0	b.				
" " "	48	21	?	S	6-7	Carmania	" " "	48	20	?	S	6-7	c*				
" " "	46	21	30.02	S	6-7	Lapland	" " "	47	21	30.09	S	6-7	o				
" " "	48	11	30.35	SSE	1-3	Oceanic	" " "	48	10	30.34	NNW	1-3	b				
" " 4 a.m.	55	17	30.07	ESE	1-3	Teutonic	" " 7 a.m.	55	15	30.10	ESE	1-3	b				
" " "	55	13	30.34	SW	1-3	Empress of Ireland	" " "	55	11	30.38	W	1-3	b				
" " "	47	18	30.17	SW	6-7	Oceanic	" " "	47	16	30.26	SSW	4-5	m				
" " "	45	27	29.89	S	6-7	Lapland	" " "	45	26	29.92	S	6-7	o.				
" " "	47	26	?	S	8-9	Carmania	" " "	47	25	?	S	8-9	o				

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min.	Weather.	Sunshine. hr.	Rainfall. in.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine. hr.	Rainfall. in.
Stonehaven, to 6 p.m.	*	*	*	5.1	0.01	Douglas, to 6 p.m.	57	42	bq	11.0	–
Oban, to 6 p.m.	59	40	b	14.1	–	† Brighton, to 6 p.m.	60	48	o.c.o.c	1.8	–
Dublin (City), to 4 p.m. ...	58	43	c. bc.	*	–	Seaford, to 6 p.m.	58	46	g.o.bc	0.6	–
Blackpool, to 9 p.m. ...	56	36	c.b.bc	14.8	–	† Eastbourne, to 6 p.m. ...	58	48	o.bc.o.	0.9	–
Southport, to 6 p.m. ...	56	38	bc. bc	13.7	–	Bexhill-on-Sea, to 9 p.m. ...	56	48	g.c.bc	0.2	–
Rhyl, to 6 p.m.	55	39	c. bc	13.9	–	† Hastings	*	*	*	0.3	*
Colwyn Bay, to 6 p.m. ...	57	45	b	10.4	–	† Folkestone, to 6 p.m. ...	57	48	og. o	0.0	–
Llandudno, to 9 p.m. ...	58	46	c.b.	12.7	–	† Deal, to 6 p.m.	55	49	ogp. o	0.0	0.01
Bettws-y-Coed, to 6 p.m. ...	59	37	b.	12.2	*	† Ramsgate, to 6 p.m. ...	*	*	*	0.5	0.10
Aberystwyth, to 6 p.m. ...	57	40	b. bc.	13.0	–	† Margate, to 6 p.m.	54	49	o	0.1	–
Plymouth, to 9 p.m. ...	62	47	bc. bc	13.8	–	† Felixstowe, to 6 p.m. ...	? 54	48	ok. o	0.0	–
Paignton, to 6 p.m.	61	48	bc.b.bc	10.2	–	† Lowestoft, to 6 p.m. ...	52	47	od.c.o	0.2	–
Torquay, to 6 p.m.	62	48	bc	10.9	–	† Skegness, to 6 p.m.	53	39	c	10.2	0.07
Teignmouth, to 9 p.m. ...	62	49	bc. b	11.0	–	Scarborough, to 9 p.m. ...	56	45	bc.o.c	9.2	0.03
Weymouth, to 6 p.m. ...	62	48	bc.	10.5	–	† Harrogate, to 6 p.m. ...	55	41	c. bc. o	8.1	–
† Bournemouth, to 6 p.m. ...	61	46	c.bc.b	8.7	–	Buxton, to 9 p.m.	54	37	bc.bg.c	7.7	–
Southsea, to 6 p.m.	59	48	o.c.c.b.bc	3.4	–	Darwen, to 9 p.m.	60	37	bcw. bc	10.5	–
† Worthing, to 6 p.m. ...	59	48	c	1.1	–	Manchester, to 9 p.m. ...	57	42	–	6.8	0.01
Carnoustie, to 6 p.m. ...	54	38	bc	5.2	–	Birmingham, to 9 p.m. ...	58	40	c.o	8.0	0.01
						Weston-super-Mare, to 6 p.m. ...	61	46	b.bc	11.0	–

† At this Station the amount of Bright Sunshine is for the whole day.

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 6 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
			* 24 Hours ended at 9 a.m. To-day.				
	%	%				In.	Hr.
Greenwich (Royal Obsy.) ...	64	64	58	39	o. c. b	–	3.2
City (Bunhill Row)	*	*	*	*	*	*	2.7
Westminster (St. James's Pk.	62	67	56	43	bc	–	2.4
Camden Sq. (Brit. Rainfall)	65	61	59	39	o. c. b	–	1.6
Hampstead (Reservoir) ...	*	67	55	40	o.c. b.bc	–	2.9
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	57	47	o.c	–	*
" " (Roof of M.O.)	63	60	56	47		*	1.7

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

25th & 26th May, 1912.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.46 / 3.45	11.50 / 11.50	7.54 / 7.56
Greenwich	3.58 / 3.57	11.57 / 11.57	7.56 / 7.57
Wick	3.29 / 3.28	12.9 / 12.9	8.49 / 8.51
Valencia...	4.37 / 4.36	12.38 / 12.38	8.39 / 8.40

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.	STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°			In	°	°	
Malaga	–	68	54	o. b.	Rome...	0.56	73	59	r. o
Marseilles	–	68	54	o. b.	Vienna	0.24	68	55	r. r.
Malta		0bo.	mok.	received	Utrecht	Trace	64	45	b. c.
Algiers	–	79	61	bc. bc	Zürich	0.79	*	*	r. r.
Tunis	–	86	59	b. b.	Geneva	–	*	*	o. r.
Palermo	–	77	54	b. b.	Lugano	0.32	*	*	o. c.

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.

Sunday, 26 May, 1912.

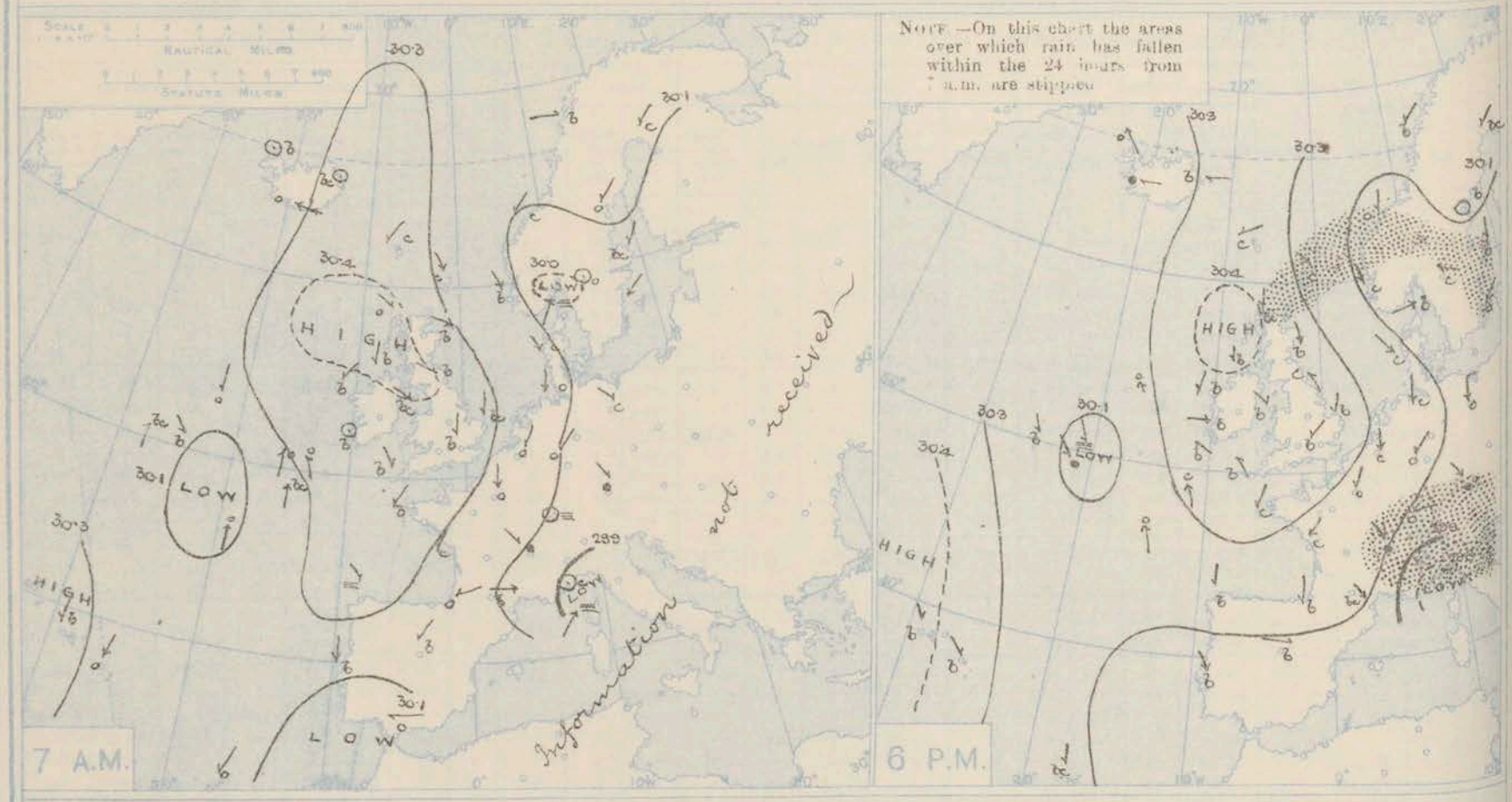
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Weather. After'n. 1 p.m. to 6 p.m.	Weather. Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	30·26	46	NW	4	c	30·21	−·02	44	+1	NW	5	og	3	0·07	47	41	*	cp	cp	opg
	Stornoway	30·40	52	N	2	bcv	30·33	−·02	51	+3	–	0	bc	0	–	56	45	8·4	o.bcv	bcv	bc
	Castlebay (Barra Isd.)	30·41	53	WNW	3	b	30·34	−·02	49	0	SE	1	bc	1	–	54	45	14·5	bc·o.bc	bc·b	b
	Malin Head... ...	30·40	52	N	1	b	30·31	·00	50	0	N	1	b	0	–	55	45	*	bc	bc	bc
	Blacksod Point ...	30·37	56	NNE	3	b	30·27	−·02	53	+1	–	0	b	1	–	59	45	*	b	b	b
	Valencia	30·35	58	W	1	bg	30·27	·00	50	+2	ENE	1	c	3	–	60	45	15·1	b	bc	bc
	Roche's Point ...	30·36	59	SSW	3	b	30·28	*	52	+3	N	1	c	1	–	60	45	*	b	b	bc·oc
	Birr Castle	30·32	64	NW	1	bc	30·26	*	44	+2	NW	1	b	*	–	65	38	12·7	bc	bc	bx
	Donaghadee ...	30·37	53	NNW	3	b	30·30	−·01	48	−2	NNW	2	b	1	–	56	39	*	b	b	bcg
	Liverpool Obsy. ...	30·35	55	NW	2	b	30·28	−·02	50	+1	W	2	b	1	–	57	45	13·6	b	b	b
	Holyhead	30·35	52	NW	2	b	30·27	−·01	52	−4	–	0	b	1	–	58	45	*	b	b	bm
	Pembroke (St. Ann's Hd.)	30·36	55	W	2	b	30·28	−·02	52	−1	N	1	b	1	Trace	58	44	12·5	bc	bcv	bc
	Newquay	30·39	56	NE	2	bc	30·24	−·01	55	+1	N	1	b	2	–	57	39	13·8	bv	bv	b
	Scilly (St. Mary's) ...	30·34	58	SE	2	bc	30·24	+·01	54	+1	E	1	bc	1	–	63	48	12·8	bc	bc	bc
	Jersey (St. Aubin) ...	30·35	60	E	2	bm	30·26	*	55	−1	ENE	2	bc	2	–	63	41	13·2	bcm	bm	bc·b
	Portland Bill ...	30·33	54	WSW	3	b	30·25	−·01	54	+2	–	0	bc	1	–	58	49	10·7	bc	bc	bc·c
	Dungeness	30·31	53	NE	4	bc	30·24	?	50	0	NNW	2	bc	3	–	59	37	12·8	bc·c	bc	cw·b
	Dover	30·33	52	NE	4	o	30·25	*	55	+6	NW	1	b	2	–	58	36	14·3	bc·b	b	b
	Wick	30·34	45	NW	5	c	30·28	−·03	43	−2	NNW	3	c	3	0·02	50	38	*	c.bc	c	cp
	Nairn	30·35	55	NW	2	c	30·31	*	46	+1	NW	2	c	2	Trace	58	43	13·0	b	b	c
	Aberdeen	30·33	51	NNW	4	b	30·28	−·02	45	−4	WNW	4	c	2	–	57	37	14·8	bc.c	c.bc	b·bc c
	Leith	30·28	57	ENE	2	c	30·28	−·01	48	−1	–	0	b	*	–	63	39	*	b·bc	bc·c	c
	North Shields ...	30·33	53	SE	2	c	30·29	−·02	49	−2	NNE	3	c	3	–	57	44	12·9	–	–	–
	Spurn Head ...	30·32	50	ESE	4	b	30·24	·00	49	+2	NE	4	bc	4	–	55	45	*	bc	bcv	bc
	Yarmouth	30·36	52	N	2	b	30·23	−·03	48	−2	W	2	c	2	–	56	41	14·6	bc	bc·b	bm·bcc
	Clacton-on-Sea ...	30·35	53	ENE	3	bc	30·26	−·03	48	0	WNW	2	bc	2	–	59	41	12·1	b.bc	bc	bc·b·bc
	Nottingham... ...	30·34	57	E	1	o	30·26	*	47	−3	SW	1	b	*	–	60	39	8·0	bc	bm·o	bc·b
	Bath	30·32	61	E	1	bc	30·25	*	43	−2	NE	1	b	*	–	64	39	10·4	–	–	–
	Oxford	30·35	52	E	2	bc	30·26	*	52	0	WSW	1	o	*	–	61	46	*	c	c	b
	London (Kew Obsy.)...	30·34	59	NE	2	bg	30·26	−·01	47	−2	–	0	om	*	–	60	38	12·0	bmc	c.bc.bg	bm.bc·o
ICELAND & FAEROE.	Isafjord...	30·36	47	SE	4	o	30·19	·00	47	0	S	3	r	*	*	*	*				
	Reykjavik	30·21	52	E	2	r	30·16	·00	45	+1	–	0	o	*	*	*	*				
	Vestmanna	30·28	46	E	8	r	30·17	−·02	46	0	E	1	r	2	*	*	*				
	Seydisfjord	30·30	65	E	1	b	30·21	−·03	44	+8	–	0	b	*	*	*	*				
	Thorshavn	30·39	50	ENE	2	c	30·32	−·03	45	+4	E	1	c	*	*	*	*				
SCANDINAVIA.	Haparanda	30·12	52	NE	2	bc	30·12	·00	52	+2	NE	2	bc	*	–	64	41				
	Hernösand	30·12	46	–	0	b	30·00	−·04	50	+5	NE	4	bc	*	–	54	45				
	Stockholm	30·02	49	N	2	o	29·85	−·05	44	−12	NW	4	r	*	0·35	64	41				
	Wisby	29·96	44	NE	4	o	29·76	−·03	44	−1	NNE	4	f	*	0·32	50	41				
	Karlstad	29·96	59	ESE	2	c	29·87	−·06	49	−6	WSW	2	o	*	–	59	46				
	Færder (Christiania Fjord)	29·96	52	S	2	bc	29·84	−·02	50	−4	SE	1	c	2	–	59	50				
	Bodö	30·23	46	NE	2	b	30·12	−·03	45	0	NE	2	b	1	–	46	37				
	Christiansund ...	30·06	45	N	3	o	29·92	−·04	45	−2	N	2	r	2	0·35	50	43				
	Skudesnaes	30·08	48	NNW	6	c	29·92	−·02	45	−1	NNW	6	o	2	–	50	43				
	The Scaw (Skagen)...	30·00	48	WSW	4	b	29·85	−·02	50	−2	WSW	3	o	1	–	57	48				
	Blaavands Huk ...	30·15	46	NW	5	c	30·04	−·01	47	−2	WNW	5	c	4	Trace	52	43				
GERMANY, &c.	Cuxhaven	30·18	50	N	4	c	30·09	−·01	49	−1	NNW	3	o	*	–	54	46				
	The Helder																				
	Brussels	30·28	50	N	4	c	30·23	−·02	50	+2	NNW	2	b	*	–	57	39				
	Berlin	29·99	59	N	4	o	30·00	+·01	50	−5	NW	5	b	*	–	68	50				
	Frankfurt	30·12	52	NE	1	o	30·12	+·01	48	−9	NE	4	o	*	–	61	46				
	Munich	30·03	50	NW	4	r	30·08	·00	44	−6	NW	3	r	*	0·35	57	43				
FRANCE.	C. Gris Nez... ...	30·34	51	NNE	4	bc	30·28	−·02	52	+3	NW	2	b	2	Trace	59	49				
	La Hève	30·34	54	NNE	3	b	30·26	*	58	+3	NE	2	b	1	–	59	54				
	Brest (St. Mathieu) ...	30·36	59	NNE	3	c	30·27	+·01	51	+3	ESE	3	b	1	–	59	46				
	Lorient (Fort Melen)...	30·28	59	NE	4	b	30·22	*	50	0	ENE	4	b	2	–	64	45				
	Rochefort (Ile d' Aix)	30·24	62	NE	4	c	30·17	*	52	−1	E	4	bc	*	–	70	49				
	Biarritz	30·22	59	N	3	b	30·13	*	52	−3	ENE	2	b	2	–	63	48				
	Paris	30·26	54	NNE	3	c	30·23	−·01	48	−1	NE	2	b	*	–	57	40				
	Belfort	30·06	56	ENE	3	o	30·12	*	47	−3	ENE	6	m	*	0·16	63	45				
	Lyons	30·10	49	NW	4	r	30·05	*	49	0	N	2	o	*	0·16	52	47				
	Nice	29·78	60	–	0	c	29·76	−·01	62	+3	SW	1	b	2	0·08	64	54				
	Perpignan	30·10	61	NW	5	bc	29·98	−·04	56	−2	NW	5	o	*	–	67	51				
	Sanguinaire							*													
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.) ...	30·23	62	N	3	b	30·00	−·04	57	+2	E	2	f	3	–	66	52				
	Lisbon (9 a.m.) ...	30·02	67	NNW	5	b	29·92	−·01	68	+3	NNW	4	c	2	–	79	63				
	Gibraltar	29·97	63	E	2	c	29·88	*	64	+2	E	2	o	*	–	*	*				
	Azores (P. Delgada)	30·39	55	NW	2	b	30·34	+·01	56	−3	NNW	3	b	1	–	64	55				
	Azores (Horta) ...	30·44	53	NW	3	b	30·38	−·01	57	0	W	2	o	2	–	63	52				
	Madeira (Funchal) ...	30·14	67	N	3	bc	30·07	+·01	66	+1	N	3	bc	3	–	68	54				

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to about 60° in some English localities, to 63° at Leith, and to 65° at Birr Castle. Many hours of bright sunshine were recorded except at a few stations on the most southwest coasts. Slight rain fell at Wick and Berwick, and larger quantities in several parts of Scandinavia, at Munich and in the east of France. Wireless reports show that off the west of Ireland a light or moderate breeze prevailed but between 20° W. and 25° W. a light or moderate breeze from the northward was reported.

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.

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.

6 {a, b}

7 {a, b}

8 {a, b}

9 {a, b}

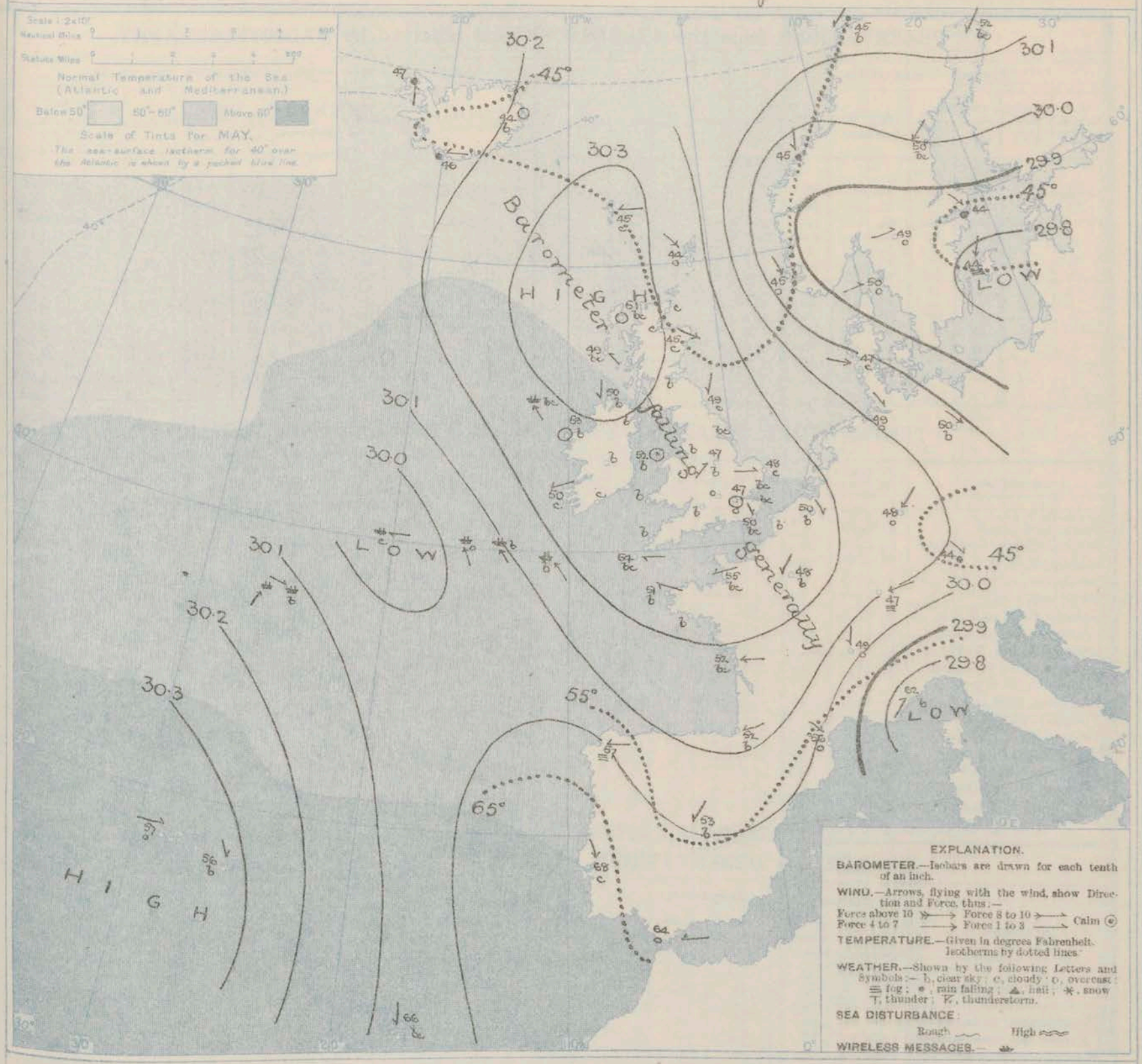
10 {a, b}

— None Issued —

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Sunday 26th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.3in. in an anticyclone having its maximum over the Hebrides and to the north-westward of these islands, and also in the Azores region, while it is below 29.8in. over the Gulf of Genoa and also over the upper portion of the Baltic. The changes in progress are slight, but generally downward.

Over the North Sea region the wind is mainly North-Westerly, and fresh to strong in the west of Norway and in Jutland. Over France, the Bay of Biscay and the Channel the chief direction is between East and North-East, and the force very light to moderate. According to wireless reports a moderate South-Easterly breeze prevails on the Atlantic as far west as the 20th meridian. Temperature is somewhat low for the time of year, and uniform. Over these islands the readings range from about 54° in the extreme south-west to below 50° generally, and to below 45° in central Ireland and the north-east of Scotland. Fair to fine weather is reported in nearly all parts of the United Kingdom and France, but much cloud prevails in Germany and Scandinavia with rain at Munich, Christiansund, and Stornoway. Rain is also falling in the west of Iceland.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS

DAILY WEATHER REPORT. Sunday, 26th May 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
	°	°	In.					°	°	In.				°	°	°	
26 May 4a.m.	47	10	30·17	SE	1-3	Minnewaska	26 May 7a.m.	49	10	30·20	ESE	4-5	b	–	–	–	–
" " "	54	13	30·25	ESE	1-3	California	" " –	54	12	30·29	SE	4-5	b	–	–	–	–
25 " 3p.m.	53	18	30·16	SSE	4-5		25 " 6p.m.	53	17	30·19	SE	6-7	o	–	–	–	–
" " "	49	19	30·06	SSE	4-5	Baltic	" " "	49	20	30·02	NW	1-3	r	–	–	–	–
" " "	46	15	30·20	S	6-7	Minnewaska	" " "	46	14	30·20	SSE	6-7	o	–	–	–	–
" " "	48	12	30·30	SSE	4-5	Lapland	" " "	49	11	30·32	SSE	4-5	c	–	–	–	–
" " "	51	11	30·28	SE	1-3	Carmania	" " "	51	10	30·28	SE	1-3	b	–	–	–	–
" " "	50	25	30·30	N	1-3	Mount Royal	" " "	50	24	30·31	NNW	1-3	b	–	–	–	–
" " "	50	21	30·08	NNW	4-5	Ascania	" " "	50	20	30·04	NNW	4-5	m	–	–	–	–
" " 4a.m.	50	25	30·11	SW	4-5		" " 7a.m.	50	24	30·17	WNW	1-3	b	–	–	–	–
" " "	52	23	30·10	N	1-3	California	" " "	52	21	30·12	N	4-5	o	–	–	–	–
" " "	47	21	30·06	SE	4-5	Minnewaska	" " "	47	19	30·06	S	6-7	o	–	–	–	–
" " "	50	28	30·13	SW	1-3	Mount Royal	" " "	50	27	30·23	S	4-5	bc	–	–	–	–

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Cromarty, to 6 p.m.	61	38	b	11·8	0·08
Oban, to 6 p.m.	59	40	–	14·8	–
Dublin (City), to 4 p.m....	59	41	bc·b	*	–
Blackpool, to 9 p.m. ...	56	42	c·b	10·0	–
Southport, to 9 p.m. ...	57	41	bc·b	13·4	–
Rhyl, to 6 p.m....	56	36	bc·b	15·0	–
†Colwyn Bay, to 6 p.m. ...	57	44	b	14·5	–
Llandudno, to 9 p.m. ...	63	44	b	15·0	–
Bettws-y-Coed, to 6 p.m...					*
Aberystwyth, to 6 p.m. ...	58	39	c·b	14·5	–
Plymouth, to 9 p.m. ...	60	45	bc·o·b	5·9	–
Paignton, to 6 p.m.... ...	59	46	b·o·bc	5·4	–
Torquay, to 6 p.m.					
Teignmouth, to 9 p.m. ...	59	49	bc·b·bc·b	7·0	–
†Weymouth, to 6 p.m. ...	61	46	bc·c	10·9	–
†Bournemouth, to 6 p.m....	60	43	b·bc·c·o	8·7	–
Southsea, to 6 p.m.... ...					
†Worthing, to 6 p.m. ...	60	40	c·b·c	7·2	
† Stonehaven, to 6 p.m.	57	36	–	14·7	0·11

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine	Rainfall.
	°	°		Hr.	In.
†Brighton, to 6 p.m.	61	41	*	8·6	–
†Seaford, to 6 p.m.	65	35	b	11·8	–
†Eastbourne, to 6 p.m. ...	60	?	*	12·0	–
Bexhill-on-Sea, to 9 p.m...	60	41	bc·bv	12·7	–
†Hastings	*	*	*	11·8	*
†Folkestone, to 6 p.m. ...	58	43	b. bv	14·3	–
†Deal, to 6 p.m....	59	44	bc·bv·b	14·2	–
†Ramsgate, to 6 p.m. ...	*	*	*	13·8	–
†Margate, to 6 p.m.	57	46	b	14·0	–
†Felixstowe, to 6 p.m. ...	63	37	b·bc	12·5	–
†Lowestoft, to 6 p.m. ...					
†Skegness, to 6 p.m.... ...	53	39	b	13·4	–
Scarborough, to 9 p.m. ...	57	42	bc	13·0	–
†Harrogate, to 6 p.m. ...	60	42	b·bc·c	10·2	0·01
Buxton, to 9 p.m.	57	39	bc	4·0	–
Darwen, to 9 p.m.	62	41	bcw·bc	7·5	–
Manchester, to 9 p.m. ...	57	43	c·bc·o·bc	1·5	–
Birmingham, to 9 p.m. ...	58	42	c·o	3·5	–

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
			24 Hours ended at 9 a.m. To-Day.				
	%	%	°	°		In.	Hr.
Greenwich (Royal Obsy.) ...	48	48	62	36	b. c·o·b	–	12·2
City (Bunhill Row)	*	*	*	*	*	*	12·4
Westminster (St. James's Pk.)	56	60	62	42	bc	–	11·4
Camden Sq. (Brit. Rainfall)	56	58	64	41	bc·c	–	10·1
Hampstead (Reservoir) ...	*	65	60	43	bc·c	–	13·4
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	63	43	c·bc·c. bc·b	–	11·8
" " (Roof of M.O.)	51	57	61	44		*	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

26 & 27 May 1912.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.45 / 3.44	11·50 / 11·50	7·56 / 7·57
Greenwich	3·57 / 3·56	11·57 / 11·57	7·57 / 7·58
Wick	3·28 / 3·26	12·9 / 12·9	8·51 / 8·53
Valencia...	4·36 / 4·35	12·38 / 12·38	8·40 / 8·41

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.	STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°			In.	°	°	
Malaga	Information not received.				Rome...	Information not received.			
Marseilles					Vienna				
Malta					Utrecht				
Algiers					Zürich		*	*	
Tunis					Geneva		*	*	
Palermo					Lugano		*	*	

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday, 27th May, 1912.

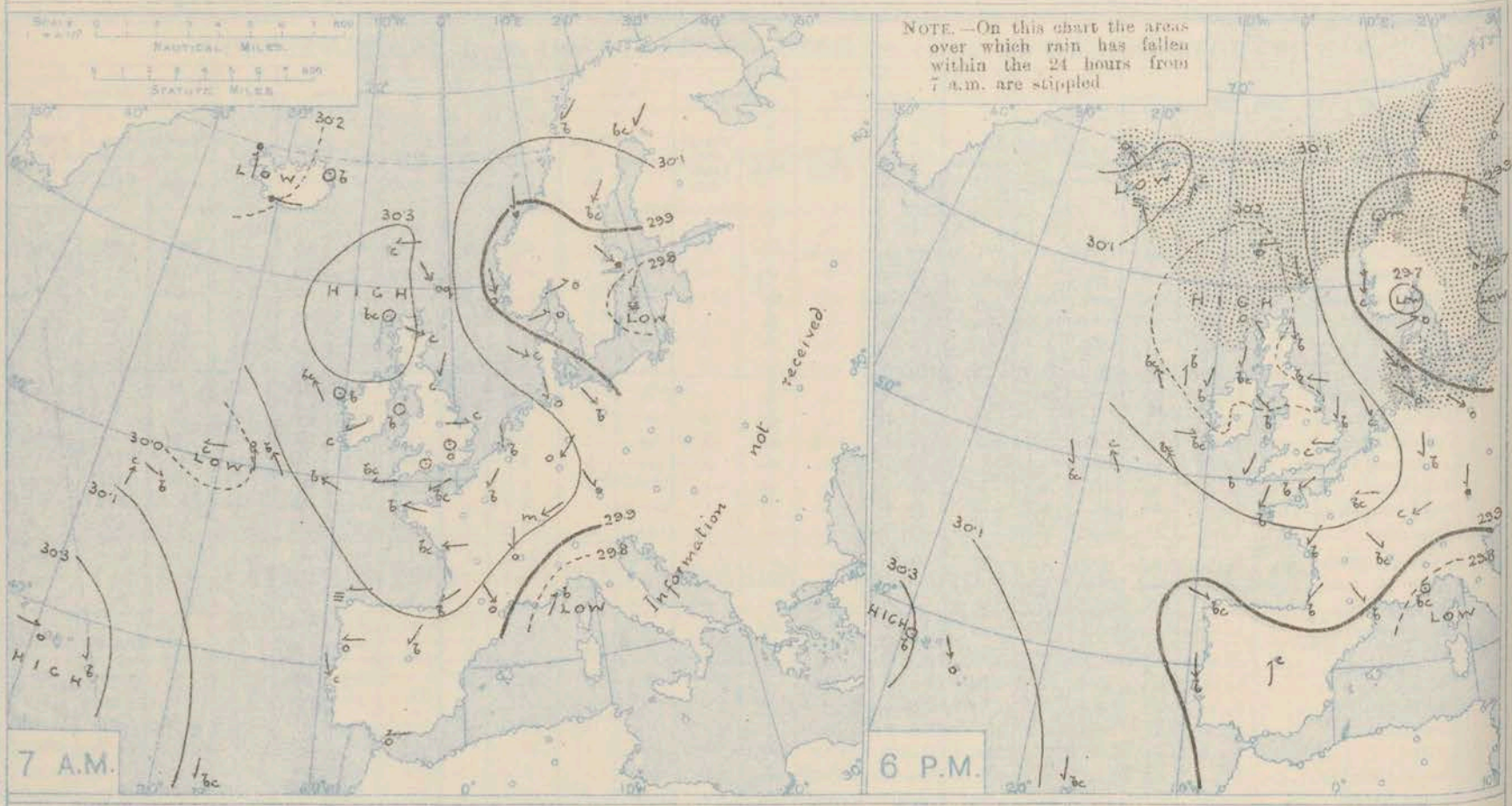
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Temp. Dry Bulb.	Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Aftern'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	30·16	46	NNW	5	c	30·04	-·04	44	0	NW	5	og	3	0·02	49	41	*	bcq	cqp	oq
	Stornoway	30·27	48	SE	2	o	30·16	-·01	47	-4	SSE	1	r	1	Trace	52	43	3·1	bc·o	o	odp
	Castlebay (Barra Isd.)	30·25	53	NW	3	o	30·14	-·01	50	+1	NW	3	r	2	0·01	55	48	6·2	bc·obc	o	o·r
	Malin Head... ...	30·24	52	NNE	3	bc	30·16	-·04	52	+2	N	1	3	0	–	55	49	*	bc	bc	3
	Blacksod Point ...	30·22	58	NNE	3	b	30·14	-·01	55	+2	–	0	0	2	–	62	43	*	bc	b	bc
	Valencia	30·19	59	W	2	bc	30·17	·00	47	-3	–	0	bc	3	–	61	40	9.5	bcq	bc	bc
	Roche's Point ...	30·20	58	SSW	3	b	30·16	*	52	0	N	2	bc	1	–	61	47	*	c.b	b.	b.bc
	Birr Castle	30·16	65	N	1	b	30·14	*	47	+3	NE	1	b	*	–	66	39	12·7	b	b	bx
	Donaghadee ...	30·30	55	NNW	2	b	30·14	-·02	51	+3	N	2	bc	1	–	55	45	*	bq	b	bc·bcq
	Liverpool Obsy. ...	30·19	55	WNW	3	b	30·12	-·01	50	0	W	3	b	2	–	58	46	15·0	b	b	b
	Holyhead	30·20	52	NW	2	b	30·13	-·01	53	+1	NNW	2	c	1	Trace	57	45	*	b	b.	cpm
	Pembroke (St. Ann's Hd.)	30·17	56	NW	4	b	30·14	-·03	51	-1	WNW	1	b	1	–	62	44	14·4	bc	bc	b
	Newquay	30·16	55	NNE	2	b	30·13	·00	54	-1	NW	1	b	1	–	58	40	14·0	bv	bv	b v.bq
	Scilly (St. Mary's) ...	30·16	57	NE	3	bm	30·14	+·02	55	+1	NE	1	bm	2	–	61	49	14·2	bm	bm	bm
	Jersey (St. Aubin) ...	30·16	60	ENE	3	b	30·14	*	56	+1	E	3	bm	3	–	64	47	13·3	bc·b	bc·b	bm
	Portland Bill ...	30·17	56	SSW	2	b	30·13	·00	54	0	NW	2	b	1	–	60	51	12·0	bc	bc	bcw
	Dungeness	30·13	55	SW	4	c	30·11	-·01	48	-2	N	2	og	2	–	59	41	8·3	c	c	c·o
	Dover	30·18	50	NNE	4	b	30·14	*	48	-7	–	0	m	1	–	58	40	11·3	b	b.bc.bc	bc.cm
	Wick	30·22	47	NW	3	bc	30·10	-·03	44	+1	NNW	3	c	3	–	49	42	*	c	c.bc	c
	Nairn	30·21	50	E	2	bc	30·14	*	45	-1	–	0	c	1	–	55	37	12·5	b	bc	c
	Aberdeen	30·19	51	NNW	4	b	30·11	-·02	45	0	NW	4	bc	2	–	54	41	11·7	c.bc	bc.b	b.bc
	Leith	30·18	55	E	1	bc	30·12	-·01	45	-3	W	1	c	*	–	58	38	*	b	b.bc	bc
	North Shields ...	30·20	48	ESE	3	b	30·13	-·02	46	-3	NNW	1	c	2	–	52	42	10·1	–	–	–
	Spurn Head ...	30·20	51	NE	4	bc	30·01	-·01	49	0	NW	2	0	4	–	54	44	*	bcv	bcv	bcv.o
	Yarmouth	30·19	52	N	2	b	30·11	-·02	46	-2	W	2	c	2	–	56	38	9.4	c.bc	bc.b	b.bc.c
	Clacton-on-Sea ...	30·20	53	ENE	4	bc	30·14	-·01	49	+1	NW	1	c	0	–	63	42	10·2	bc.c.bc	bc	bc.c
	Nottingham... ...	30·16	56	ESE	1	o	30·10	*	46	-1	WSW	1	bm	*	Trace	60	40	9·5	b	bc·o	op.c
	Bath	30·15	61	WSW	2	b	30·13	*	49	+6	W	1	b	*	–	64	38	3·7	–	–	–
	Oxford	30·16	54	E	1	b	30·12	*	53	+1	SW	1	b	*	–	63	41	*	c	c	b
	London (Kew Obsy.)...	30·16	58	E	3	c	30·12	-·02	51	+4	SW	1	o	*	–	62	43	4·9	cm.cm	cm.c	c.bc.b
ICELAND & FAEROE.	Isafjord...	30·17	46	SE	4	o	29·98	-·07	46	-1	–	0	o	*	*	*	*				
	Reykjavik	30·08	52	N	3	o	29·88	-·02	46	+1	E	3	r	*	*	*	*				
	Vestmanna	30·08	50	SE	1	f	29·96	-·04	45	-1	ESE	4	o	1	*	*	*				
	Seydisfjord	30·11	56	SSW	4	c	30·01	-·03	46	+2	–	0	o	*	*	*	*				
	Thorshavn	30·27	44	E	1	o	30·15	-·03	46	+1	ENE	1	c	*	*	*	*				
SCANDINAVIA.	Haparanda	30·02	52	NE	4	o	29·99	·00	45	-7	E	4	r	*	1·97	59	45				
	Hernösand	29·84	46	NNE	4	r	29·73	-·01	47	-3	N	2	o	*	0·83	52	43				
	Stockholm	29·71	48	NW	2	o	29·64	-·01	45	+1	WNW	2	r	*	0·87	50	43				
	Wisby	29·66	45	N	4	r	29·63	-·01	44	0	NW	4	r	*	0·59	46	41				
	Karlstad	29·73	53	S	2	c	29·67	·00	52	+3	–	0	c	*	–	61	41				
	Færder (X'iania Fjord)	29·70	52	SE	2	bc	29·66	-·01	50	0	E	2	o	2	–	52	48				
	Bodö	30·04	46	NE	4	b	29·99	-·03	47	+2	ENE	2	b	2	–	48	41				
	Christiansund ...	29·86	49	–	0	m	29·81	-·01	47	+2	NE	1	f	2	0·12	50	45				
	Skudesnaes	29·82	43	NNW	8	c	29·71	-·02	47	+2	NNW	6	c	2	–	47	41				
	The Scaw (Skagen)...	29·76	49	WSW	3	o	?29·50	-·02	51	+1	SE	3	o	0	–	55	45				
	Blaavands Huk ...	29·92	47	NW	5	o	29·78	-·05	44	-3	NW	6	r	5	Trace	52	43				
GERMANY, &c.	Cuxhaven	30·00	49	NW	3	o	29·90	-·02	47	-2	NW	4	og	*	0·08	54	45				
	The Helder																				
	Brussels	30·13	50	NW	2	b	30·10	·00	49	-1	WNW	1	b	*	–	61	37				
	Berlin	29·95	53	NW	4	o	29·85	+·01	48	-2	NW	4	c	*	–	59	45				
	Frankfurt	30·02	52	N	1	b	30·01	+·01	51	+3	NW	1	c	*	–	59	45				
	Munich	30·07	45	N	2	o	30·04	+·01	48	+4	N	2	o	*	0·04	48	43				
FRANCE.	C. Gris Nez... ...	30·18	54	W	3	b	30·13	-·01	50	-2	NNE	1	c	2	–	61	45				
	La Hève	30·14	57	SSE	2	bc	30·15	*	63	+5	SE	1	m	1	–	64	54				
	Brest (St. Mathieu) ...	30·14	62	NE	4	b	30·14	+·02	49	-2	E	2	b	1	–	64	48				
	Lorient (Bec Melan)...	30·09	60	W	1	b	30·06	*	51	+1	NE	4	b	2	–	70	46				
	Rochefort (Ile d' Aix)	30·03	64	NE	3	b	30·00	*	51	-1	ENE	4	b	*	–	72	48				
	Biarritz	29·97	62	NE	3	b	29·93	*	55	+3	E	2	bc	2	–	64	52				
	Paris	30·12	57	NE	2	b	30·12	+·01	50	+2	NE	3	b	*	–	60	?42				
	Belfort	?	51	ENE	6	c	30·08	*	45	-2	NE	4	m	*	–	58	38				
	Lyons	30·00	55	NW	3	bc	30·02	*	49	0	NNW	2	b	*	–	61	42				
	Nice	29·78	62	–	0	bc	29·88	+·03	60	-2	–	0	b	2	–	73	52				
	Perpignan	29·91	66	NW	2	b	29·91	+·01	61	+5	–	0	bc	*	–	67	48				
	Sanguinaire							*													
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.) ...	29·88	62	WNW	2	bc	29·88	·00	58	+1	NW	1	f	2	–	68	54				
	Lisbon (9 a.m.) ...	29·88	59	N	5	b	29·87	+·03	61	-7	W	3	o	5	–	72	57				
	Gibraltar	29·77	63	E	1	b	29·82	*	65	+1	E	1	c	*	–	*	*				
	Azores (P. Delgada)	30·24	62	NW	4	o	30·19	+·01	62	+6	N	4	o	2	–	63	54				
	Azores (Horta) ..	30·30	62	–	0	b	30·27	?	63	+6	NNW	2	b	2	–	66	?57				
	Madeira (Funchal) ...	30·08	67	N	3	bc	30·04	-·01	65	-1	N	3	bc	3	–	70	52				

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 66° at Birr Castle, and to above 60° in several other parts of the Kingdom, but only touched 49° at Wick and Lerwick. Much bright sunshine was recorded; over a very large area the figure was more than 11 hours, and at several stations in the west and southwest more than 14 hours. Heavy rain has fallen in Sweden; 2 inches at Haparanda. According to wireless reports a light to moderate SE. breeze prevailed as far west as the 18th meridian.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON TO NOON

0 (a, b) Wind becoming W. or SW., light or moderate; cloudy, some rain in places; milder.

1, 2 (a), 2 (b), 3, 4 (a), 4 (b), 5 N. and NW. winds, light or moderate; fair generally, some showers locally; rather milder to-morrow.

Light winds, varying in direction; fine generally; temperature rising.

6 (a), 6 (b), 7 (a), 7 (b) N.W., or W. winds, light; fair or fine; temperature rising.

8 (a), 8 (b) Light winds, between N.E. and N.W.; fine; temperature rising.

9 (a), 9 (b), 10 (a), 10 (b) Light variable or N., then W. or S.W. breezes, mostly fair; temperature rising.

11 Same as No. 0.

FORECAST DISTRICTS.

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

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

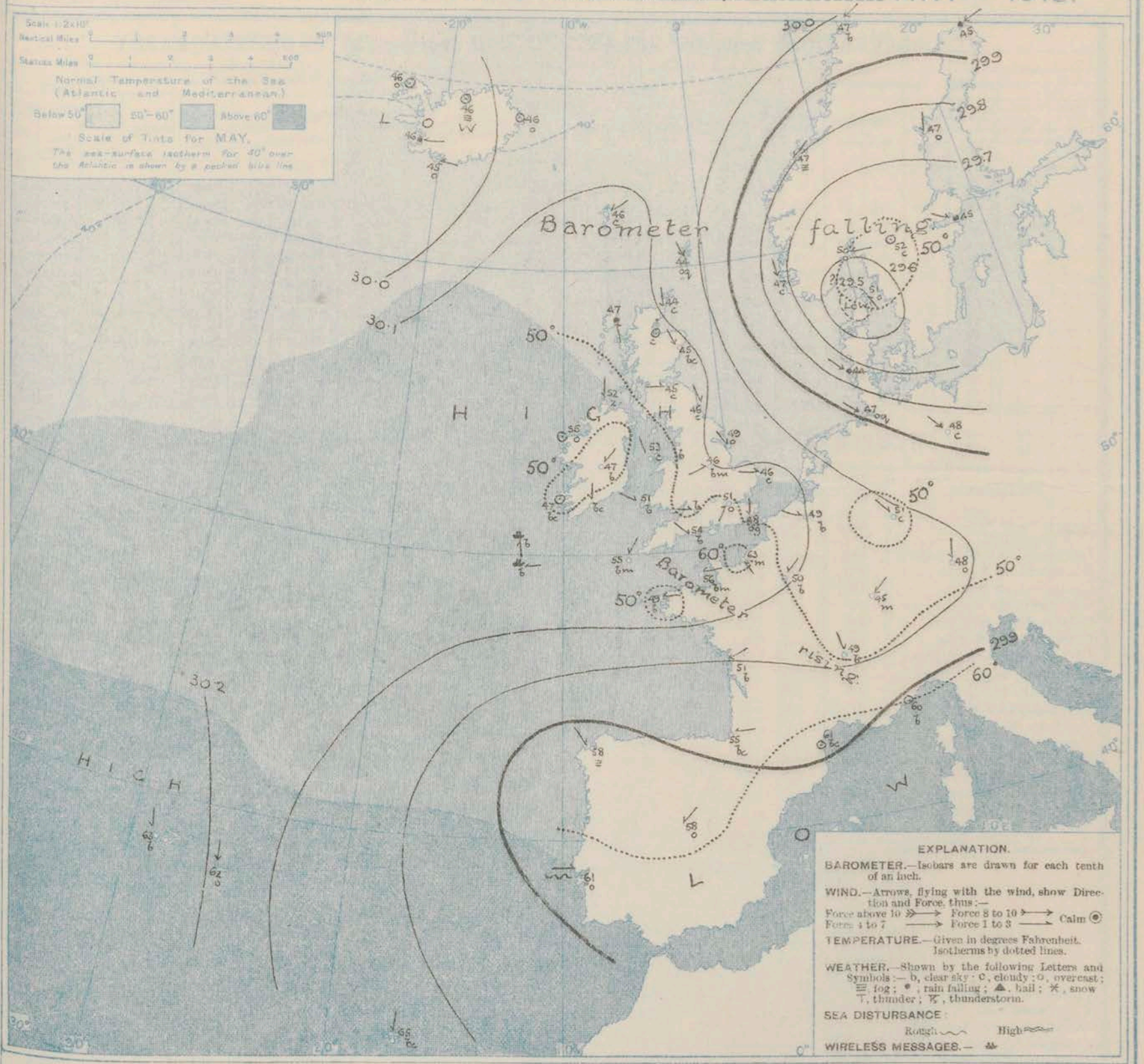
THE FURTHER OUTLOOK.

Districts, 3, 4, 5 and 8. Continuing fine generally.

WESTERN CHANNEL AND BAY.

E. or NE. winds, light or moderate; fine; sea slight or smooth.

SYNOPTIC CHART FOR 7 A.M. MONDAY, 27TH MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An anticyclone, with the barometer above 30·1 in., extends from the Atlantic over the United Kingdom, Belgium and Northern France, while pressure appears to be below 29·6 in. in a depression over Northern Denmark and the Skager Rack, and is relatively low in the west of Iceland.

N.E.ly wd The wind blows a fresh to strong breeze from the on the eastern shores of the North Sea, and a light to moderate breeze from that point in Scotland and the north of England. Over these islands as a whole it is light and variable, and over France light from the N.E.ly wd Temperature has undergone little change. Over the United Kingdom it ranges from 56° at Jersey, and 55° at Scilly to below 50° over a large area in the north and east. The weather over these islands and France is fair to bright generally, but rain is falling in the Hebrides. Rain is also reported in some parts of Sweden and Denmark, and the sky over Scandinavia and Germany is very cloudy.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The anticyclonic system will move slowly in a southerly or southeasterly direction, and will continue to be the chief factor in the pressure distribution over the United Kingdom and its neighbourhood.

DAILY WEATHER REPORT. Monday, 27th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance
	°	°	In.					°	°	In.				°	°	°	
27 May 4 a.m.	49	11	30·15	E	4-5	Vaderland	27 May 7 a.m.	49	12	30·15	E	1-3	b	–	–	–	–
" " "	50	14	30·15	SSE	4-5	Mauretania	" " "	50	12	30·19	SSE	1-3	b	–	–	–	–
26 " 3 p.m.	48	21	30·07	NNW	1-3		26 " 6 p.m.	49	20	30·06	NNW	1-3	bc	–	–	–	–
" " "	54	14	30·16	SE	4-5	Columbia	" " "	54	16	30·12	SE	4-5	bc	–	–	–	–
" " "	51	13	29·90	SSE	4-5	Campania	" " "	50	13	29·90	SE	4-5	bc	–	–	–	–
" " "	55	11	30·27	SSW	1-3	Hesperian	" " "	55	12	30·20	S	1-3	b	–	–	–	–
" " "	49	10	29·92	E	4-5	Philadelphia	" " "	49	13	29·91	E	4-5	c	–	–	–	–
" " "	50	19	30·06	SE	6-7	Mount Royal	" " "	50	18	30·08	SE	4-5	c	–	–	–	–
" " "	50	14	30·13	ESE	4-5	Ascania	" " "	50	13	30·13	ESE	1-3	b	–	–	–	–
" " 4 a.m.	50	17	30·03	SSE	4-5		" " 7 a.m.	50	16	30·05	SSE	4-5	o	–	–	–	–
" " "	50	13	30·12	SSE	4-5	Mount Temple	" " "	50	14	30·09	SE	4-5	b	–	–	–	–
" " "	50	22	30·03	N	6-7	Mount Royal	" " "	50	20	30·00	E	1-3	c	–	–	–	–
" " "	46	28	30·17	S	4-5	Mauretania	" " "	47	26	30·13	SSW	4-5	c	–	–	–	–
" " "	48	24	30·14	NW	4-5	Baltic	" " "	47	25	30·14	WNW	1-3	b	–	–	–	–

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Carnoustie, to 6 p.m.	54	41	b	11·5	–
Oban, to 6 p.m.	60	41	–	12·2	–
Dublin (City), to 4 p.m....	60	42	b c b	*	–
Blackpool, to 9 p.m. ...	57	45	b·bc·b	12·0	–
Southport, to 6 p.m. ...	58	44	bc bv	13·0	–
Rhyl, to 6 p.m....	56	37	b	15·3	–
Colwyn Bay, to 6 p.m. ...	58	42	b	13·0	–
Llandudno, to 9 p.m. ...	63	41	b	15·5	–
Bettws-y-Coed, to 6 p.m...					*
Aberystwyth, to 6 p.m. ...	59	39	b·bv	14·5	–
Plymouth, to 9 p.m. ...	60	40	bc·b·bc3	6·2	–
Paignton, to 6 p.m.... ...	61	40	b·bc·b	12·7	–
Torquay, to 6 p.m.	60	43	b	13·0	–
Teignmouth, to 9 p.m. ...	61	42	b	13·5	–
†Weymouth, to 6 p.m. ...	62	45	bc·b	12·0	–
†Bournemouth, to 6 p.m....	62	41	c·bc·b	9·9	–
Southsea, to 6 p.m.... ...	63	48	bc·b·bc	9·7	–
†Worthing, to 6 p.m. ...	60	40	b·c	11·2	..
Douglas, to 6 p.m	61	43	b	13·7	–

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Weston-super-Mare, to 6 p.m. ...	61	43	b	12·5	–
† Brighton, to 6 p.m.	60	38	b·bc·c·bc	11·0	–
† Seaford, to 6 p.m.	59	37	b	11·9	–
† Eastbourne, to 6 p.m. ...	59	38	b·bcv	11·7	–
Bexhill-on-Sea, to 9 p.m...	60	45	bv·bc	11·9	–
† Hastings	*	*	*	11·1	*
† Folkestone, to 6 p.m. ...	58	42	bv·bc·bv	10·7	–
† Deal, to 6 p.m....	63	38	b·bc·cu·b	11·1	–
† Ramsgate, to 6 p.m. ...	*	*	*	11·5	–
† Margate, to 6 p.m.	62	42	–	10·3	–
† Felixstowe, to 6 p.m. ...			*		
† Lowestoft, to 6 p.m. ...					
† Skegness, to 6 p.m.... ...	52	39	bc·b	8·9	–
Scarborough, to 9 p.m. ...	54	46	o·c	9·0	–
† Harrogate, to 6 p.m. ...	57	40	bc·o·c·bc	5·9	–
Buxton, to 9 p.m.	58	36	bc	7·4	–
Darwen, to 9 p.m.	64	42	bcu·b	9·8	–
Manchester, to 9 p.m. ...	63	43	c·bc·b	8·2	–
Birmingham, to 9 p.m. ...	63	44	b·c	11·1	–
† Stonehaven, to 6 p.m.	62	38	–	14·6	–

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
			24 Hours ended at 9 a.m. To-Day.				
	%	%	°	°		In.	Hr.
Greenwich (Royal Obsy.) ...	56	67	67	41	bc·c·o·bc·o	–	8·4
City (Bunhill Row)	*	*	*	*	*	*	5·3
Westminster (St. James's Pk.							5·8
Camden Sq. (Brit. Rainfall)	–	69	67	43	bc·b	–	6·3
Hampstead (Reservoir) ...	*						
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	64	44	b·bc·c·o·c3	–	5·6
" " (Roof of M.O.)	–	71	64	46		*	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

27 & 28 May, 1912.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.44	11.50	7.57
	3.42	11.50	7.58
Greenwich	3.56	11.57	8.0
	3.54	11.57	8.53
Wick	3.26	12.9	8.56
	3.24	12.9	8.41
Valencia...	4.35	12.38	8.42
	4.34	12.38	

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.	STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°			In	°	°	
Malaga					Rome...				
Marseilles					Vienna				
Malta					Utrecht				
Algiers					Zürich		*	*	
Tunis					Geneva		*	*	
Palermo					Lugano		*	*	

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.

Tuesday, 28th May, 1912.

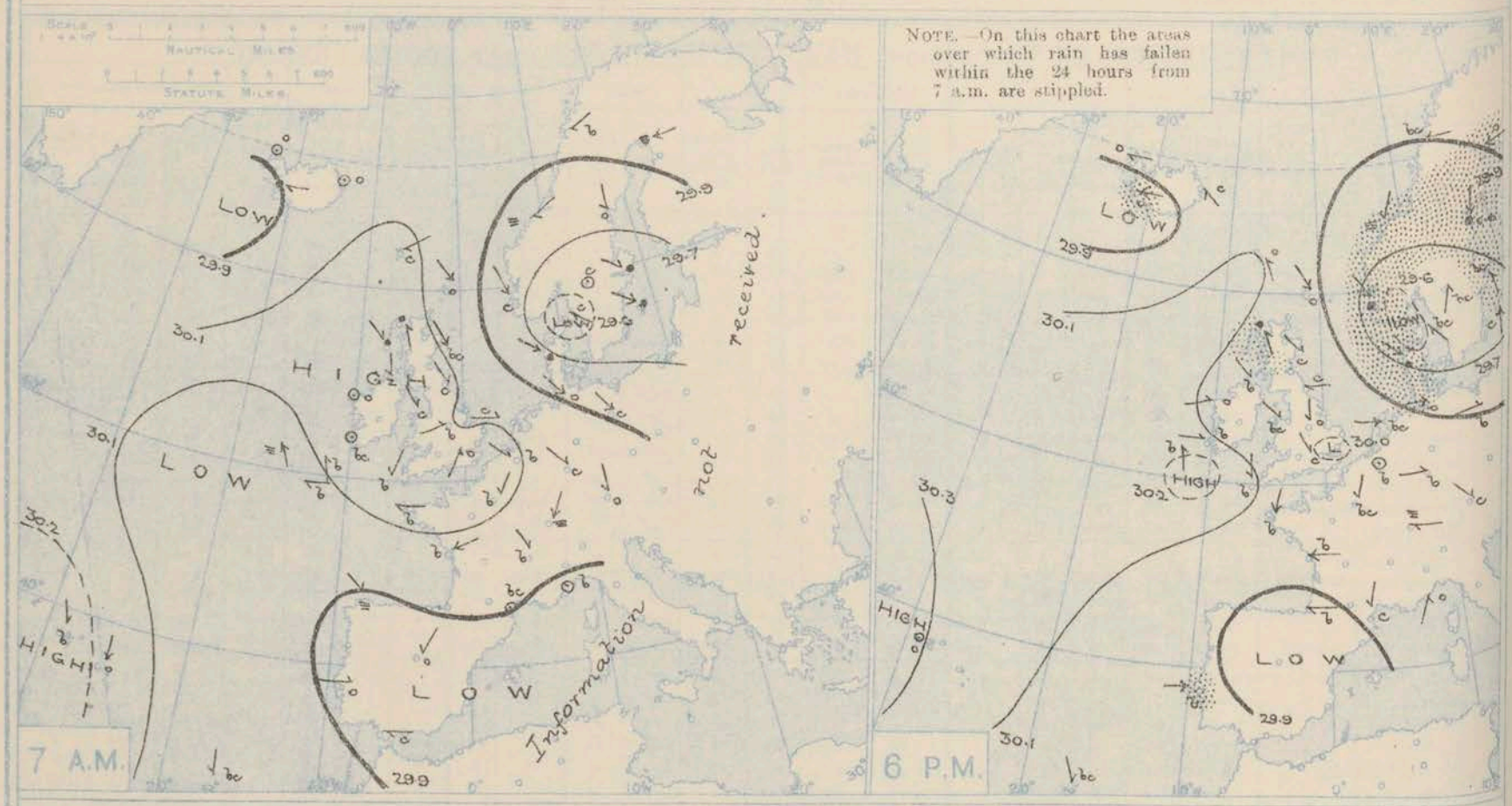
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Weather. Afternoon 1 p.m. to 6 p.m.	Weather. Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	29.96	47	NNW	5	o	29.87	-.01	47	+3	NNW	5	o	3	–	48	43	*	oq	oq	o.c
	Stornoway	30.08	48	SSE	1	odp	30.00	-.02	52	+5	W	1	bc	1	0.01	52	46	0.0	odp	odp	bcz
	Castlebay (Barra Isd.)	30.08	54	NW	2	c	30.02	-.02	51	+1	S	1	om	1	0.03	55	48	2.3	d.o	o.c	c.om
	Malin Head	30.08	57	NW	1	b	30.03	-.02	52	0	W	1	m	0	–	58	46	*	z	bc	z
	Blacksod Point	30.09	58	WSW	2	o	30.05	-.01	55	0	SW	1	m	2	–	61	48	*	o	o	o
	Valencia	30.11	58	W	2	bq	30.10	.00	50	+3	–	0	c	3	–	60	45	13.3	bz	bz	bcz
	Roche's Point	30.10	59	SW	3	c	30.09	*	54	+2	NNW	3	bc	2	0.01	64	47	*	bc	bc.cq	cq.bcw
	Birr Castle	30.05	63	W	2	c	30.05	*	50	+3	SW	1	bc	*	–	67	46	8.4	bc	c	bc
	Donaghadee	30.08	52	NNE	3	c	30.03	.00	50	-1	WSW	1	bc	0	–	57	45	*	bc	c	c.om.bc
	Liverpool Obsy.	30.06	55	W	3	bc	30.03	.00	52	+2	WNW	3	c	2	–	59	49	13.2	bc	b	o.c
	Holyhead	30.08	54	WNW	2	bcm	30.04	-.01	55	+2	–	0	b	1	–	59	48	*	bcm	cm	bm
	Pembroke (St. Ann's Hd.)	30.09	55	W	2	b	30.04	-.01	53	+2	WNW	2	bcm	2	trace	59	49	12.9	bc	bc	bc
	Newquay	30.08	58	NW	1	b	30.05	.00	56	+2	W	1	b	1	–	59	39	13.4	bv	bv	bv
	Scilly (St. Mary's)	30.11	60	N	1	bm	30.07	-.01	56	0	–	0	bm	1	–	63	48	13.8	bm	bm	bm
	Jersey (St. Aubin)	30.08	61	NNW	2	bm	30.05	*	59	+3	N	2	bm	2	–	68	51	13.5	bm	bm	bm
	Portland Bill	30.04	55	WSW	3	b	30.02	-.01	55	+1	WNW	2	b	2	–	57	51	13.8	bc	bc	b.bc
	Dungeness	29.99	56	SW	4	c	29.96	?	57	+9	NNW	2	bc	2	–	59	46	6.8	c.bc	bc.c	cq.bc
	Dover	30.03	54	S	3	cq	30.00	*	56	+8	SSE	1	bc	2	–	56	48	6.8	bcm.ob	b.bc.c	c.bcm
	Wick	30.02	45	N	5	o	29.97	.00	44	0	NNW	3	c	3	–	49	42	*	bc.c	bc.o	o.cq
	Nairn	30.05	51	–	0	c	29.99	*	48	+3	–	0	o	1	–	55	44	3.5	bv	c	c.o
	Aberdeen	30.02	49	NW	3	c	29.98	-.01	47	+2	NW	3	c	2	–	54	41	9.5	c.o.c	bc.c	c
	Leith	30.03	50	–	0	o	29.98	.00	51	+6	WSW	2	o	*	0.02	59	45	*	c.o	ogp	o
	North Shields	30.04	50	E	2	c	30.00	-.01	48	+2	–	0	o	3	–	52	43	8.6	–	–	–
	Spurn Head	30.03	50	NE	3	bc	29.98	.00	50	+1	N	4	o	4	–	55	45	*	bcv	bcv	bcv.c.o
	Yarmouth	30.03	55	E	2	bc	29.98	-.01	49	+3	W	2	o	2	–	55	44	5.5	c.bc	bc	bc.c.om
	Clacton-on-Sea	29.99	63	WNW	2	bc.	29.99	.00	54	+5	W	2	c	o	–	65	46	7.7	c.bc	bc	bc.c.o.c
	Nottingham	30.00	60	N	3	o	29.99	*	54	+8	WNW	4	c	*	0.01	64	46	7.3	bc	c.o	o.c
	Bath	30.03	61	W	2	b	30.04	*	52	+3	W	1	b	*	–	67	41	8.4	–	–	–
	Oxford	30.03	61	NW	2	c	30.02	*	57	+4	NW	2	bc	*	–	67	45	*	b	b	b
	London (Kew Obsy.)	30.00	65	NW	2	c	30.01	.00	54	+3	–	0	bm	*	–	67	47	10.5	o.c.bc	bc.c	c.bm.bm
ICELAND & FAEROE.	Isafjord	29.92	47	E	2	o	29.93	-.01	42	-4	E	3	c	*	*	*	*				
	Reykjavik	29.81	52	E	5	o	29.71	-.01	48	+2	E	3	r	*	*	*	*				
	Vestmanna	29.87	49	E	5	o	29.76	+.01	46	+1	E	4	r	*	*	*	*				
	Seydisfjord	29.95	60	SE	1	c	29.95	.00	50	+4	–	0	o	*	*	*	*				
	Thorshavn	30.10	47	SSE	2	o	30.00	-.02	46	0	ENE	2	c	*	*	*	*				
SCANDINAVIA.	Haparanda	29.91	42	E	4	o	29.91	+.04	47	+2	NE	6	bc	*	0.39	52	41				
	Hernösand	29.73	48	NE	4	r	29.73	+.03	43	-4	NE	2	f	*	0.59	50	39				
	Stockholm	29.69	47	S	2	bc	29.72	+.01	55	+10	E	2	c	*	0.28	57	43				
	Wisby	29.69	47	SSW	4	c	29.74	+.02	48	+4	SW	2	c	*	0.16	54	41				
	Karlstad	29.64	51	SW	2	bc	29.71	+.02	52	0	SE	2	b	*	–	61	39				
	Færder (Christiania Fjord)	29.62	52	S	2	b	29.67	+.02	48	-2	SE	2	bc	2	–	55	48				
	Bodö	29.90	54	E	2	bc	29.80	-.02	51	+4	ENE	4	bc	2	–	54	47				
	Christiansund	29.75	47	NE	3	f	29.70	.00	49	+2	–	0	f	1	0.12	52	46				
	Skudesnaes	29.63	46	NNW	6	r	29.64	+.01	45	-2	ESE	4	o	2	0.08	50	45				
	The Scaw (Skagen)	29.60	54	SSE	2	bc	29.65	+.02	53	+2	E	1	o	0	–	59	43				
	Blaavands Huk	29.68	47	NW	4	r	29.67	+.02	50	+6	NW	3	o	3	0.20	50	43				
GERMANY, &c.	Cuxhaven	29.85	47	W	4	o	29.78	.00	48	+1	W	6	oq	*	0.39	52	46				
	The Helder	29.99	50	W	4	c	29.95	+.01	51		W	4	c	3	–	52	48				
	Brussels	30.02	49	–	0	b	30.00	.00	54	+5	SW	1	b	*	–	60	46				
	Berlin	29.90	50	W	3	b	29.89	-.01	48	0	W	4	o	*	trace	57	45				
	Frankfurt	29.99	51	W	1	b	29.98	.00	49	-2	SW	3	o	*	–	59	43				
	Munich	30.00	51	NW	2	c	30.06	+.01	50	+2	–	0	c	*	–	57	41				
FRANCE.	C. Gris Nez	30.02	55	SSW	4	o	30.00	-.01	55	+5	S	3	m	2	–	61	50				
	La Hève	30.07	64	–	0	b	30.05	*	?	?	SW	2	m	1	–	73	?				
	Brest (St. Mathieu)	30.06	64	NE	4	b	30.08	-.01	55	+6	NE	2	bc	1	–	72	49				
	Lorient (Bec Melen)	29.99	68	E	2	b	30.00	*	55	+4	ENE	3	b	2	–	70	46				
	Rochefort (Ile d'Aix)	29.93	68	E	4	b	29.92	*	56	+5	E	4	b	*	–	77	50				
	Biarritz	29.86	75	E	3	b	29.85	*	61	+6	ESE	2	o	o	–	75	?55				
	Paris	30.06	61	NNE	2	b	30.06	.00	54	+4	NE	1	b	*	–	64	41				
	Belfort	30.00	58	E	3	m	30.07	*	51	+6	E	4	m	*	–	63	41				
	Lyons	29.98	63	N	2	b	30.03	*	57	+8	N	1	b	*	–	66	44				
	Nice		59	SW	1	o	30.04	+.04	56	-4	–	0	o	2	–	70	54				
	Perpignan	29.91	65	NE	1	c	29.94	.00	60	-1	–	0	o	*	–	71	55				
	Sanguinaire	29.97	60	N	3	m	30.06	*	64		SE	1	m	2	–	70	54				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)																				
	Lisbon (9 a.m.)	29.93	57	W	4	b	29.93	+.01	57	-4	SW	4	r	5	0.04	64	55				
	Gibraltar	29.87	61	W	1	b	29.90	*	57	-8	W	3	bc	*	–	*	*				
	Azores (P. Delgada)																				
	Azores (Horta)	30.31	63	–	0	o	30.30	+.02	63	+1	–	0	o	2	–	72	59				
	Madeira (Funchal)	30.00	68	NNW	1	bc	30.01	+.01	66	+1	NNW	1	c	2	–	68	52				

DURATION AND EXTREME FORCE OF GALES 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. 27th MAY.



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 67° or 68° at some places in the south of England, as well as in Central Ireland. Much bright sunshine was recorded over the greater part of the Kingdom, more than 13 hours at several places in the west of England, and also at Valencia. Solar and lunar halos were observed in various districts. Rain has fallen in Sweden, Norway, Denmark and the north of Germany.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

0 (a, b) N.W.ly to W.ly winds, light or moderate; some local showers, otherwise fair; moderate or rather low temperature.

1, 2 (a, b) Wind between N.W. and W., light or moderate; fair generally, some local showers on coast; moderate temperature.

3, 4 (a, b), 5 N.W.ly and W.ly winds, light; fair or fine; moderately high temperature.

FORECAST DISTRICTS.

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) Same as No. 0.

N.W.ly and W.ly winds, light or moderate; fair or fine generally; moderate temperature.

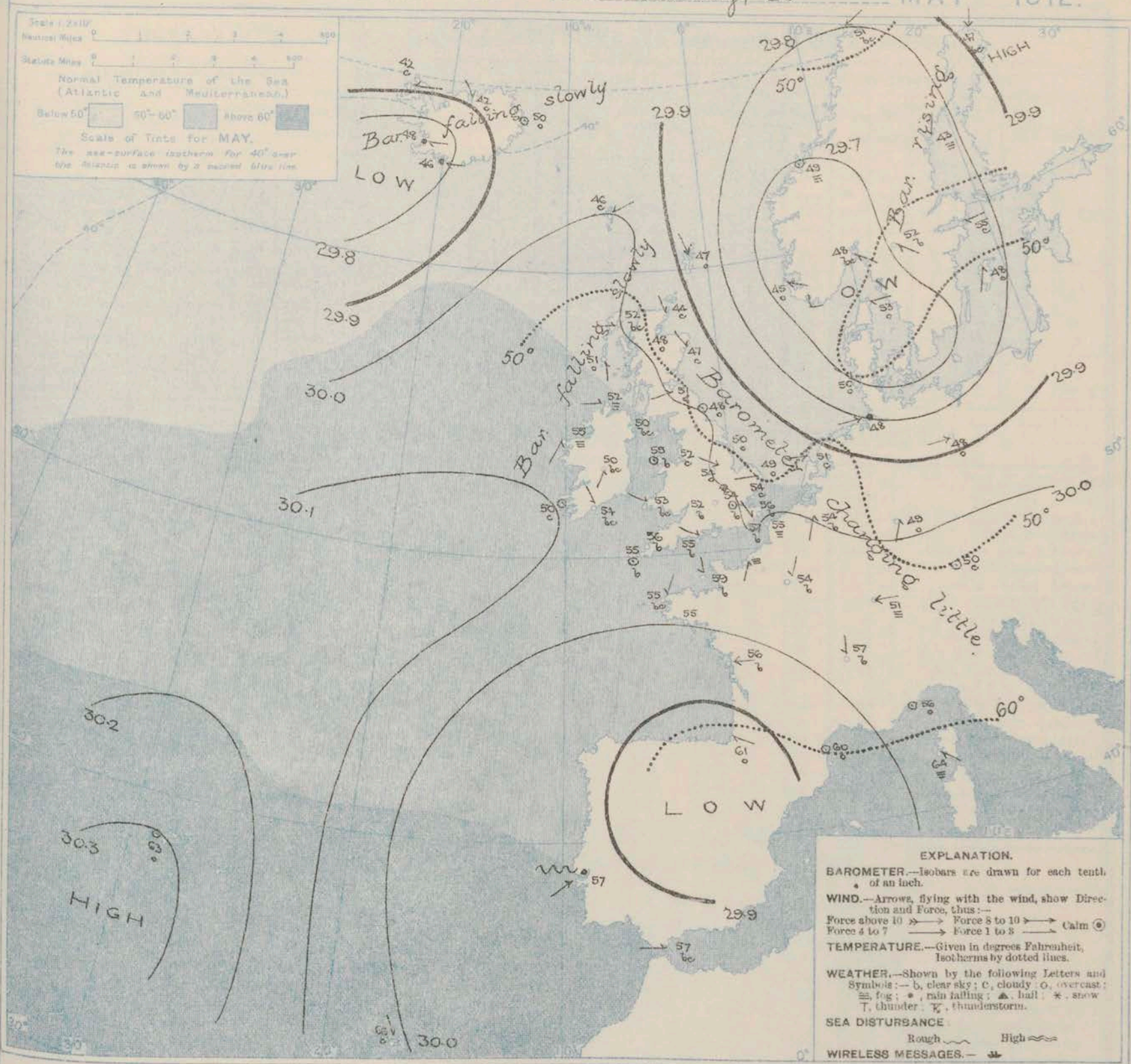
9 (a, b), 10 (a, b) Wind between W. and S.W., light or moderate; fair generally; moderate temperature.

11 WESTERN CHANNEL AND BAY.

Wind mainly W.ly, light, in Channel; between N.E. and E., light, on Bay; sea slight or smooth; fair generally, some haze.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Tuesday, 28th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is as high as 30·3 in. in the Azores, and above 30·0 in. over nearly the whole of the United Kingdom, and thence across France, the south of Germany and Northern Italy. In a depression of decreasing intensity over Denmark and Southern Norway the readings are below 29·7 in., in another system to the South-westward of Iceland below 29·8 in., and in the extreme South-west of France below 29·9 in.

The wind shows a cyclonic circulation around the low pressure beyond the North Sea, but except at the mouth of the Elbe and in the extreme north of Sweden the force is moderate to very light. Over the greater part of the United Kingdom light breezes from between North-West and West prevail, and over the the Bay of Biscay, and the west of France light breezes from between East or north-East. Temperature has risen over these Islands, and now ranges from 59° at Jersey, and between 55° and 57° on our most southern coasts to 47° at Aberdeen, and to 44° at Wick. The weather is cloudy or overcast at several of our eastern and north-eastern stations, but over these Islands generally and also in most continental regions the conditions are fair to fine. Rain squalls prevail at Buxhaven, and rain is falling in the south-west of Iceland.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The changes in barometric pressure are extremely slight, and it is probable that the present distribution will continue, with little modification, during the ensuing twenty-four hours.

DAILY WEATHER REPORT. Tuesday, 28th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance
	°	°	In.					°	°	In.				°	°	°	
27 May, 3 p.m.	50	13	30·21	ESE	1-3	Mount Royal	27th May 6 p.m.	50	12	30·21	SSE	1-3	b	–	–	–	–
" " 10 a.m.	50	11	30·22	ESE	1-3	Sicilian	" " 1 p.m.	50	12	30·24	ESE	1-3	b	–	–	–	–
" " 4 a.m.	50	16	30·14	SSE	4-5	Mount Royal	" " 7 a.m.	50	15	30·04	SE	4-5	m	–	–	–	–
" " "	48	17	29.85	SE	1-3	Philadelphia	" " "	47	19	29.87	SE	1-3	c	–	–	–	–

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min	Weather.	Sunshine	Rainfall.
	°	°		Hr.	In.
Stonehaven, to 6 p.m.	–	–	–	–	–
Oban, to 6 p.m.	59	49	o p. o c o p. o	6·4	–
Dublin (City), to 4 p.m....	62	44	bc	0·0	0·01
Blackpool, to 9 p.m. ...				*	–
Southport, to 6 p.m. ...	57	43	b. bc. o. b	12·3	–
Rhyl, to 6 p.m....	55	37	b	15·4	–
Colwyn Bay, to 6 p.m. ...	60	42	b	13·0	–
Llandudno, to 9 p.m. ...	63	41	b	13·3	–
Bettws-y-Coed, to 6 p.m...	62	35	b	13·0	*
†Aberystwyth, to 6 p.m. ...	59	42	bc b. bc	12·3	–
Plymouth, to 9 p.m. ...					
Paignton, to 6 p.m.... ...	69	40	b. bc. b	10·1	–
Torquay, to 6 p.m.	68	45	b. bc. b	10·8	–
Teignmouth, to 9 p.m. ...	67	42	b	12.8	–
†Weymouth, to 6 p.m. ...	65	45	bc g. b	13·8	–
†Bournemouth, to 6 p.m....	68	44	o c. bc. b	11·2	–
Southsea, to 6 p.m.... ...	67	46	b. bc. b	9·2	–
†Worthing, to 6 p.m. ...	62	46	b. c. b	7·7	–
Douglas, to 6 p.m	60	46	b. c	11·0	–

† At this Station the amount of Bright Sunshine is for the whole day.

STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Cornoustie, to 6 p.m	53	43	o. b	3·2	–
†Brighton, to 6 p.m.... ...	60	45	c. bc. b. bc. b	6·2	–
†Seaford, to 6 p.m.	61	42	b. bc	7·8	–
†Eastbourne, to 6 p.m. ...	59	43	b. b. o. bcg	7·2	–
Bexhill-on-Sea, to 9 p.m...	61	47	b. bc. b	7·0	–
Hastings	*	*	*	7·5	*
†Folkestone, to 6 p.m. ...	59	45	b bc. o. bc. c	6·7	–
†Deal, to 6 p.m....	62	39	o. bc. c. o	6·5	–
†Ramsgate, to 6 p.m. ...	*	*	*	6·7	–
†Margate, to 6 p.m.	63	44	bc. c	5·5	–
†Felixstowe, to 6 p.m. ...	63	40	o. bc. o	8·3	–
†Lowestoft, to 6 p.m. ...	54	38	bc. o c. bc	3·6	–
Skegness, to 6 p.m.... ...	55	41		7·8	–
Scarborough, to 9 p.m. ...	54	45	bc	5·5	–
†Harrogate, to 6 p.m. ...	59	41	c. b. bc. c. o	6·2	–
Buxton, to 9 p.m.	60	37	bc. b. bc	12·0	–
Darwen, to 9 p.m.	63	39	b. bc. g. bc	7·5	–
Manchester, to 9 p.m. ...					–
Birmingham, to 9 p.m. ...	65	41	b. c	12.8	–
Weston-super-Mare, to 6 p.m ...	62	45	b	12·4	–

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
	%	%	°	°		In.	Hr.
24 Hours ended at 9 a.m. To-Day.							
Greenwich (Royal Obsy.) ...	38	54	71	45	b. o. b	–	11·8
City (Bunhill Row)	*	*	*	*	*	*	11·2
Westminster (St. James's Pk.	45	67	69	49	bc. b	–	11·3
Camden Sq. (Brit. Rainfall)	41	62	71	47	b	–	10·5
Hampstead (Reservoir) ...	*	66	68	50	bc	–	12·4
24 Hours ended at 6 p.m. Yesterday.							
South Kensington ...	*	*	70	47	bc. b. bc. c. o	–	11·4
" " (Roof of M.O.)	45	62	69	48		*	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

28 & 29 May, 1912.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3·42	11·50	7·58
	3·41	11·50	7·59
Greenwich	3·54	11·57	8·0
	3·53	11·57	8·1
Wick	3·24	12·9	8·55
	3·22	12·9	8·57
Valencia...	4·34	12.38	8·42
	4·33	12.38	8·43

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga	Information not received			
Marseilles				
Malta				
Algiers				
Tunis				
Palermo				

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Rome...	Information not received.			
Vienna				
Utrecht				
Zürich		*	*	
Geneva		*	*	
Lugano		*	*	

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday, 29th May, 1912.

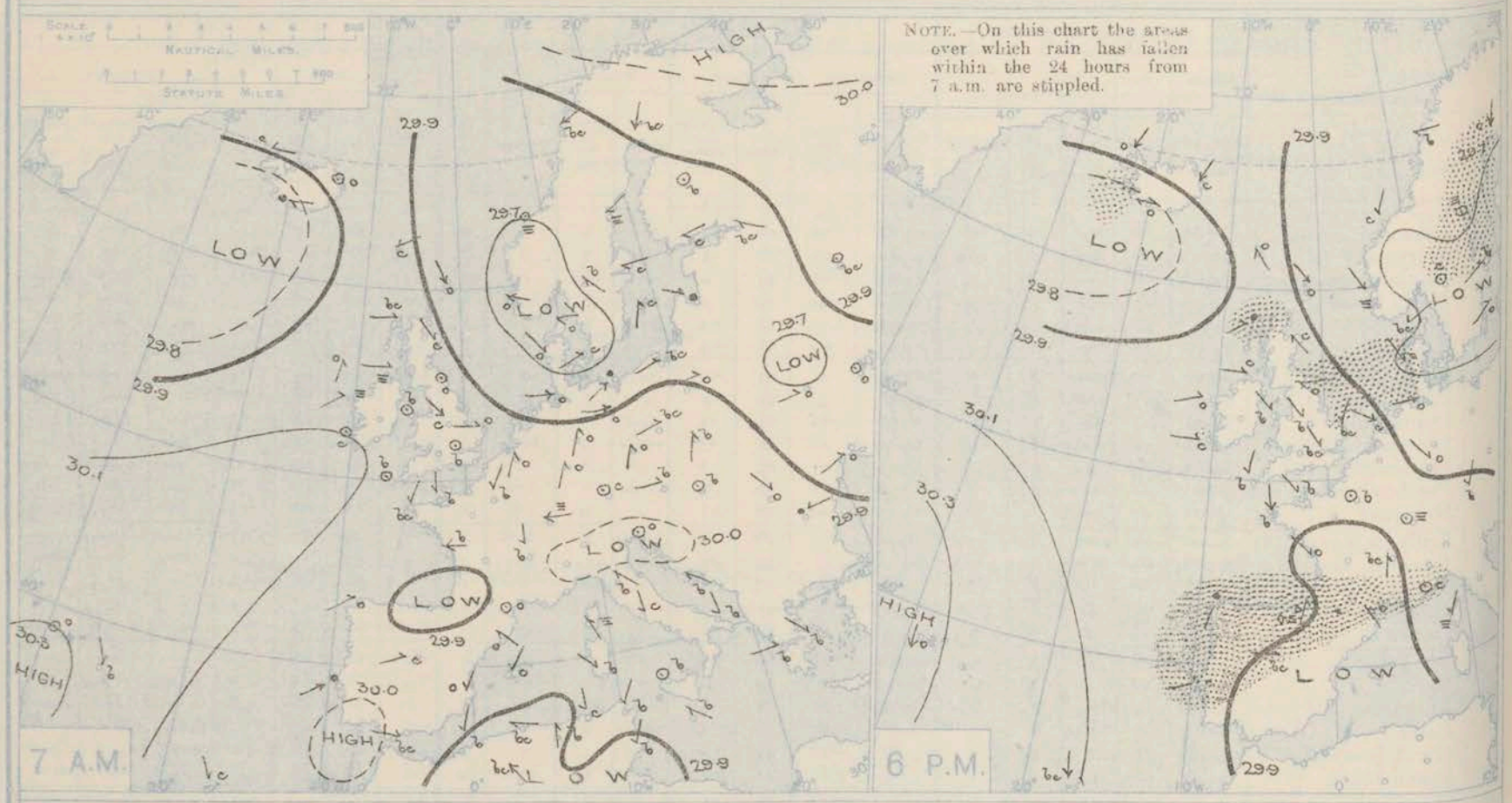
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m	Aftern'n 1 p.m to 6 p.m.	Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	29.89	48	NW	4	o	29.82	-.03	46	-1	NW	2	c	2	-	50	44	*	oq	om	c
	Stornoway	29.92	51	SW	1	odp	29.84	-.02	50	-2	SW	2	o	2	0.09	58	47	2.3	c.oz	odp	o
	Castlebay (Barra Isd.)	29.94	54	W	3	c	29.84	-.02	51	0	WSW	3	c	2	0.01	56	48	3.7	om	om.c	c.op.c
	Malin Head... ...	29.97	55	W	2	cm	29.88	.00	52	0	W	3	bcm	1	-	60	48	*	3	cm	cm
	Blacksod Point ...	30.02	56	WSW	3	o	29.95	-.01	53	-2	WSW	3	o	3	-	60	48	*	om	om	o
	Valencia	30.07	58	W	2	cz	30.02	.00	53	+3	SW	1	o	3	0.01	60	50	11.3	bc	bcz	cp
	Roche's Point ...	30.03	60	WSW	2	o	30.03	*	52	-2	NNW	2	o	2	trace	64	49	*	c	c.ogm	cg.b.o
	Birr Castle	29.99	62	NW	3	c	29.96	*	50	0	NW	2	c	*	-	66	47	11.5	c	c	c
	Donaghadee ...	29.98	53	NE	2	c	29.93	-.02	52	+2	WSW	1	c	1	-	61	49	*	bc	cgm	bc
	Liverpool Obsy. ...	29.98	57	WNW	3	b	29.92	-.02	55	+3	WSW	2	bc	2	-	60	52	11.8	bc	b	bc
	Holyhead	29.99	57	NW	1	bm	29.93	-.01	52	-3	W	3	o	2	-	61	50	*	bm	o.cm	o.cm
	Pembroke (St. Ann's Hd.)	30.01	55	WNW	3	b	29.98	.00	53	0	WNW	1	cm	2	trace	59	50	11.7	bcm	bc	bc
	Newquay	30.01	57	NW	1	bz	29.97	-.01	55	-1	-	0	cf	2	-	60	42	14.2	bv	bz	bz.cz
	Scilly (St. Mary's) ...	30.04	59	NNE	2	bm	29.99	-.01	56	+1	NNW	3	bm	3	-	63	52	13.7	bm	bm	b
	Jersey (St. Aubin) ...	29.98	63	NW	3	bm	29.95	*	60	+1	E	1	bm	1	-	67	54	14.3	bm	bm	bm
	Portland Bill ...	29.97	58	NW	3	bc	29.97	+.01	57	+2	-	0	bc	1	-	59	52	14.2	b	bc	bc.b
	Dungeness	29.91	57	S	2	c	29.89	?	51	-6	-	0	f	2	-	62	43	7.3	c	c	c.fe
	Dover	29.94	56	S	1	o	29.95	*	53	-3	-	0	m	2	trace	64	43	6.6	bc.c	bc.c.og	o.b.f.m
	Wick	29.92	50	N	3	bc	29.83	-.03	48	+4	SSE	2	c	3	0.02	53	43	*	bc	bc	opm c
	Nairn	29.92	53	-	0	o	29.84	*	50	+2	-	0	c	1	trace	61	45	3.4	c.bc	c.o	o
	Aberdeen	29.93	52	SE	2	bc	29.85	-.01	52	+5	-	0	c	2	-	61	46	7.8	c.bc	bc	bc.cm
	Leith	29.92	63	WNW	2	c	29.87	-.01	53	+2	WSW	3	c	*	-	63	49	*	o.c	o.c	c
	North Shields ...	29.94	52	E	2	o	29.89	-.01	52	+4	SW	1	c	3	0.02	57	46	2.8	p.c	cp.o	-
	Spurn Head ...	29.95	50	SSE	4	c	29.90	-.01	53	+3	NNW	4	om	4	-	53	48	*	bc	bc	c.o
	Yarmouth	29.97	50	NE	2	bc	29.92	-.01	52	+3	W	1	c	1	trace	56	47	5.3	o.c	cp.bc	c.bc.c
	Clacton-on-Sea ...	29.95	57	E	1	c	29.93	-.01	52	-2	W	1	bc	0	0.02	64	48	3.2	cw	cp.c	c.bcz
	Nottingham... ...	29.93	61	NW	3	b	29.92	*	49	-5	WSW	1	om	*	-	65	45	9.2	c	c.b	bc
	Bath	29.97	63	WNW	1	c	29.97	*	50	-2	NW	1	b	*	-	67	39	8.0	-	-	-
	Oxford	29.97	58	NW	2	b	29.95	*	58	+1	WSW	1	b	*	-	68	43	*	b	b	b
	London (Kew Obsy.)...	29.94	65	NW	1	bc	29.95	.00	51	-3	-	0	bz	*	-	66	43	9.8	bm.bc	bc.c.o.bz	b.c.b
ICELAND & FAEROE.	Isafjord...	29.97	44	NE	5	o	30.06	+.03	41	-1	-	0	b	*	*	*	*	*			
	Reykjavik	29.73	56	E	3	r	29.89	+.05	45	-3	-	0	b	*	*	*	*	*			
	Vestmanna	29.77	47	E	2	o	29.93	+.04	46	0	S	2	b		*	*	*	*			
	Seydisfjord	29.95	50	NE	4	c	30.04	+.03	42	-8	NE	5	c	*	*	*	*	*			
	Thorshavn	29.95	49	SE	2	o	29.88	-.01	45	-1	E	3	o	*	*	*	*	*			
SCANDINAVIA.	Haparanda	29.71	48	NE	4	o	29.63	-.02	50	+3	NNE	2	f	*	0.04	54	45				
	Hernösand	29.73	45	-	0	f	29.64	-.01	50	+7	NE	2	f	*	0.04	50	41				
	Stockholm	29.69	47	SW	3	r	29.60	-.01	48	-7	WNW	2	o	*	0.12	59	45				
	Wisby	29.68	46	SW	2	o	29.61	-.01	51	+3	S	4	b	*	-	55	41				
	Karlstad	29.66	55	-	0	c	29.61	.00	50	-2	-	0	r	*	0.08	59	48				
	Færder (X'iania Fjord)	29.66	55	W	2	c	29.60	-.01	54	+6	S	2	o	1	-	57	48				
	Bodö	29.75	53	E	2	b	29.72	-.01	50	-1	N	1	b	1	-	57	48				
	Christiansund ...	29.72	53	NE	1	c	29.72	.00	48	-1	-	0	f	1	-	54	46				
	Skudesnaes	29.73	46	NNW	4	f	29.73	.00	47	+2	NNW	4	f	2	-	50	43				
	The Scaw (Skagen)...	29.71	52	ENE	2	bc	29.61	-.01	53	0	NNE	2	r	0	-	59	48				
	Blaavands Huk ...	29.66	47	NNW	2	o	29.69	+.01	47	-3	NW	4	o	3	0.28	52	45				
GERMANY, &c.	Cuxhaven	29.78	49	W	4	o	29.75	+.02	50	+2	NNW	3	o	*	0.08	52	46				
	The Helder	29.92	50	WNW	4	c	29.89	.00	51	0	WNW	3	c	2	-	52	48				
	Brussels	29.93	57	?	2	o	29.95	.00	52	-2	-	0	b	*	0.04	66	42				
	Berlin													*							
	Frankfurt	29.86	58	NW	1	o	29.85	+.03	56	+7	NW	2	c	*	-	70	49				
	Munich	29.96	53	NE	2	b	29.87	-.02	58	+8	SW	4	c	*	-	63	45				
FRANCE.	C. Gris Nez... ...	29.95	59	SW	1	c	29.88	.00	56	+1	S	1	m	1	-	64	48				
	La Hève	29.97	?	NNW	2	b	?29.94	*	?	?	-	0	f	0	-	66	50				
	Brest (St. Mathieu) ...	30.02	63	N	4	b	?30.01	.00	52	-3	NNE	2	m	2	-	70	50				
	Lorient (Bec Melen)...	29.93	64	NE	4	o	29.90	*	54	-1	NNE	3	b	3	-	70	48				
	Rochefort (Ile d' Aix)	29.86	64	NW	3	o	29.85	*	59	+3	NE	2	o	*	-	82	54				
	Biarritz	29.91	59	SSW	2	o	29.93	*	58	-3	SW	3	b	2	0.51	63	58				
	Paris	29.91	66	E	1	b	29.93	+.01	57	+3	NE	2	b	*	-	71	48				
	Belfort	29.92	66	-	0	m	29.92	*	56	+5	W	2	m	*	-	71	47				
	Lyons	29.87	68	S	3	bc	29.89	*	60	+3	SE	1	o	*	-	77	51				
	Nice	29.99	58	-	0	c	29.92	-.10	55	-1	-	0	r	2	0.16	66	54				
	Perpignan	?29.87	64	SE	3	o	29.88	+.02	59	-1	-	0	o	*	0.04	77	58				
	Sanguinaire	29.97	64	NNE	2	m	29.86	*	64	0	S	2	o	2	-	70	54				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.) ...	29.95	54	SW	3	r	30.08	.00	57	+2	NNW	3	o	3	0.24	59	54				
	Lisbon (9 a.m.) ...	29.95	58	WSW	2	c	30.00	+.04	61	+4	WNW	4	c	6	0.04	66	57				
	Gibraltar	29.93	60	NW	4	b	29.94	*	60	+3	NW	4	o	*	-	*	*				
	Azores (P. Delgada)																				
	Azores (Horta) ...	30.37	64	N	4	o	30.38	+.02	64	+1	-	0	c	1	-	72	63				
	Madeira (Funchal) ...	30.11	66	N	4	bc	30.15	+.01	65	-1	N	4	bc	3	-	70	52				

DURATION AND EXTREME FORCE OF GALES 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. 28th MAY.



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 65° or a little higher in some parts of England and Ireland, but at Spurn Head the maximum was only 53°. During the night the thermometer on the grass at Kew fell to 30°. Much bright sunshine was recorded over the greater part of the Kingdom; more than 14 hours at some of our south-western stations.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

0 {a, b} S.W.ly to Variable winds, light; cloudy or dull, some rain in places; moderate temperature.

1 S.S.W.ly or W.ly winds, light; mostly fair, some rain locally; moderate temperature.

2 {a, b}, 3+, 4 {a, b}, 5 — Wind variable locally, but mainly between W. and N.W., light; fair or fine generally, some mist or fog in places; temperature rising somewhat.

FORECAST DISTRICTS.

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} — Same as No. 0.

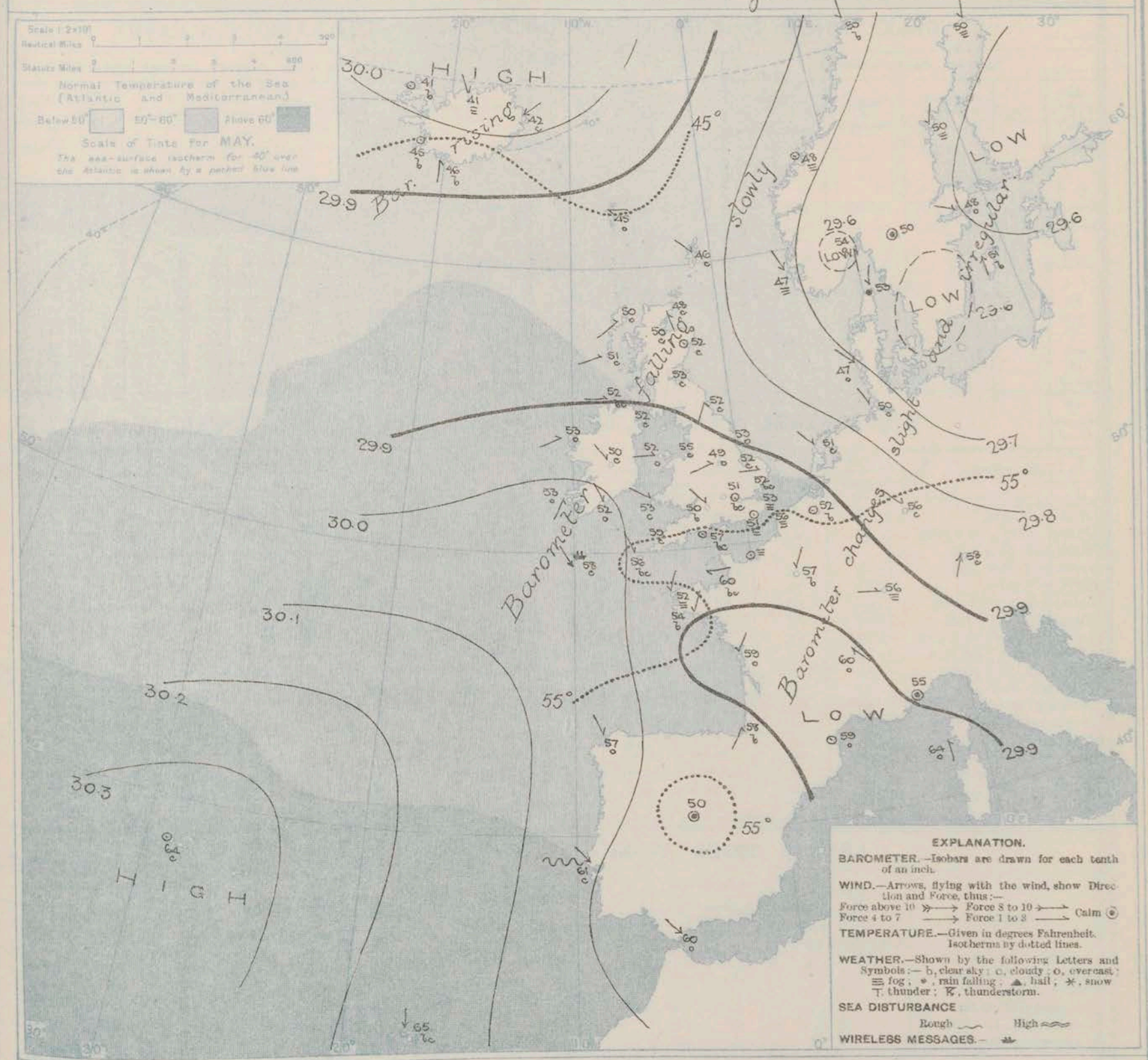
Wind between N. and W., light or moderate; mostly fair or fine; moderate temperature.

9 {a, b}, 10 {a, b} — Wind mainly between S.W. and W., light or moderate; fair generally some rain in extreme north-west; moderate temperature.

11 WESTERN CHANNEL AND BAY. Wind light variable or N.ly; sea slight or smooth; some mist or fog, otherwise fair.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Wednesday, 29th MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Barometric pressure is changing very slightly and somewhat irregularly over Western and North-Western Europe. It is below 29·6 in. in Finland and also in the south of Sweden, relatively low over the southern half of France and off the northwest of Scotland, but above 30·0 in. in Iceland and also off the southwest of Ireland, and above 30·3 in. at the Azores.

The wind is light very generally, and varies locally in direction. The main current over the United Kingdom, however, is from some SS.ly point, and over Scandinavia, Denmark and Germany from N. or NW. Temperature has undergone no important change. Over these islands it ranges from 60° at Jersey, and 57° at Portland Bill to 49° at Nottingham, and to 46° at Lerwick. The sky is cloudy or overcast at several stations in the north and west of these islands, but fair to bright over a large area in England; fog or mist is, however, reported on the southeast coast. At the Continental stations the conditions vary greatly; rain is falling at Ibice and Skagen, and much fog prevails over Scandinavia and also on the N.E. coast of France.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

There are no indications of any change in the pressure distribution likely to be followed by a general break up of the fine weather conditions now prevalent.

DAILY WEATHER REPORT. Wednesday, 29th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS. Date and Hour of Observation	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	OBSERVATIONS PLOTTED ON THE CHARTS. Date and Hour of Observation	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance
	°	°	In.					°	°	In.				°	°	°	
29 May 4 a.m.	50·23′	9·49′	30·04	NW	3	H.M.S. Mongolian	29 May. 7 a.m.	49·45′	9·46′	30·04	NNW	2	0	57	56	58	3
28 " "	55	11	30·07	SSW	1-3		28 " "	55	10	30·07	SSW	1-3	0	-	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	Temperature F. Max	Temperature F. Min	Weather.	Sunshine.	Rainfall.	STATIONS.	Temperature F. Max.	Temperature F. Min.	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.		°	°		Hr.	In.
Carnoustie, to 6 p.m.	56	41	o.b	2.6	trace	Stonehaven, to 6 p.m.	-	-	-	2.1	-
Oban, to 6 p.m.	59	47	bc.b.bc.c.g	4.7	0.02	† Brighton, to 6 p.m.	69	46	b.bc.c.bc	8.5	-
Dublin (City), to 4 p.m....	64	50	bcm.bc	*	-	† Seaford, to 6 p.m.	67	44	b.bc	11.1	-
Blackpool, to 9 p.m. ...						† Eastbourne, to 6 p.m. ...	66	46	bc.b.o	10.0	-
Southport, to 6 p.m. ...	59	50	p.c.b.bv	11.5	-	Bexhill-on-Sea, to 9 p.m...	65	49	b.cg	8.5	-
Rhyl, to 6 p.m....	60	50	b	12.0	-	† Hastings	*	*	*	9.0	*
†Colwyn Bay, to 6 p.m. ...	63	50	b.c.b	11.0	-	Folkestone, to 6 p.m. ...	62	53	bc.c	5.9	-
Llandudno, to 9 p.m. ...	65	50	b	11.7	-	† Deal, to 6 p.m....	64	50	o.bc.cm	6.7	-
Bettws-y-Coed, to 6 p.m...	59	46	b.bc	11.1	*	† Ramsgate, to 6 p.m. ...	*	*	*	8.0	-
†Aberystwyth, to 6 p.m. ...	60	46	bc.b.bc	12.5	-	† Margate, to 6 p.m.	66	52	b	7.8	-
Plymouth, to 9 p.m. ...	68	46	bc.b	11.6	-	† Felixstowe, to 6 p.m. ...	63	45	op.c.op	1.3	0.03
Paignton, to 6 p.m.... ...	68	42	b.bc.b	11.5	-	† Lowestoft, to 6 p.m. ...	54	42	c.bc.c.o.c	4.1	-
Torquay, to 6 p.m.	67	48	b.bc.b	11.2	-	† Skegness, to 6 p.m.... ...	55	43	bc.c.o	4.7	-
Teignmouth, to 6 p.m. ...	67	47	b.bc.c.bc.b	8.5	-	Scarborough, to 9 p.m. ...	53	46	o.c.og	2.0	-
†Weymouth, to 6 p.m. ...	67	46	b	14.2	-	† Harrogate, to 6 p.m. ...	61	48	op.c.bc	5.5	0.14
†Bournemouth, to 6 p.m....	70	46	b.bc	12.2	-	Buxton, to 9 p.m.	60	47	bc	9.7	-
Southsea, to 6 p.m.... ...	69	47	b.c.bc.b	10.8	-	Darwen, to 9 p.m.	63	48	o.bc	9.4	-
†Worthing, to 6 p.m. ...	68	44	b.bc.b	9.6		Manchester, to 9 p.m. ...	63	51	o.c.b.bc	10.3	-
Douglas, to 6 p.m.	63	47	c.b.c	9.0	-	Birmingham, to 9 p.m. ...	65	50	b.c.b	10.6	-
						Weston-super-Mare, to 6 p.m. ...	63	46	b.bc	8.0	-

† At this Station the amount of Bright Sunshine is for the whole day.

LONDON OBSERVATIONS.

STATIONS.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
	%	%		°		In.	Hr.
			24 Hours ended at 9 a.m. To-Day.				
Greenwich (Royal Obsy.) ...	49	61	72	46	b. c. o	-	9.3
City (Bunhill Row)	*	*	*	*	*	*	9.4
Westminster (St. James's Pk.)	56	70	71	46	bc	-	9.3
Camden Sq. (Brit. Rainfall)	51	61	73	45	b. c. b	-	6.9
Hampstead (Reservoir) ...	*	50	69	45	bc. b	-	10.2
			24 Hours ended at 6 p.m. Yesterday.				
South Kensington ...	*	*	69	50	bc.b. bc. c.o. bc	-	9.3
" " (Roof of M.O.)	44	58	69	52		*	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

29 & 30 May, 1912.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.41	11.50	7.59
	3.40	11.50	8.0
Greenwich	3.53	11.57	8.1
	3.52	11.57	8.2
Wick	3.22	12.9	8.57
	3.20	12.9	8.58
Valencia...	4.33	12.38	8.43
	4.32	12.38	8.44

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.	STATIONS.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°			In	°	°	
Malaga	-	72	59	b. b	Rome...	-	73	55	b. c
Marseilles	-	72	52	b. bc	Vienna	-	59	43	o. o
Malta	-	70	61	- b	Utrecht				
Algiers	-	73	64	b. bc	Zürich	-	*	*	b. b
Tunis	-	79	59	b. b	Geneva	-	*	*	b. b
Palermo	-	75	51	b. b	Lugano	-	*	*	b. o

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, 30th May, 1912.

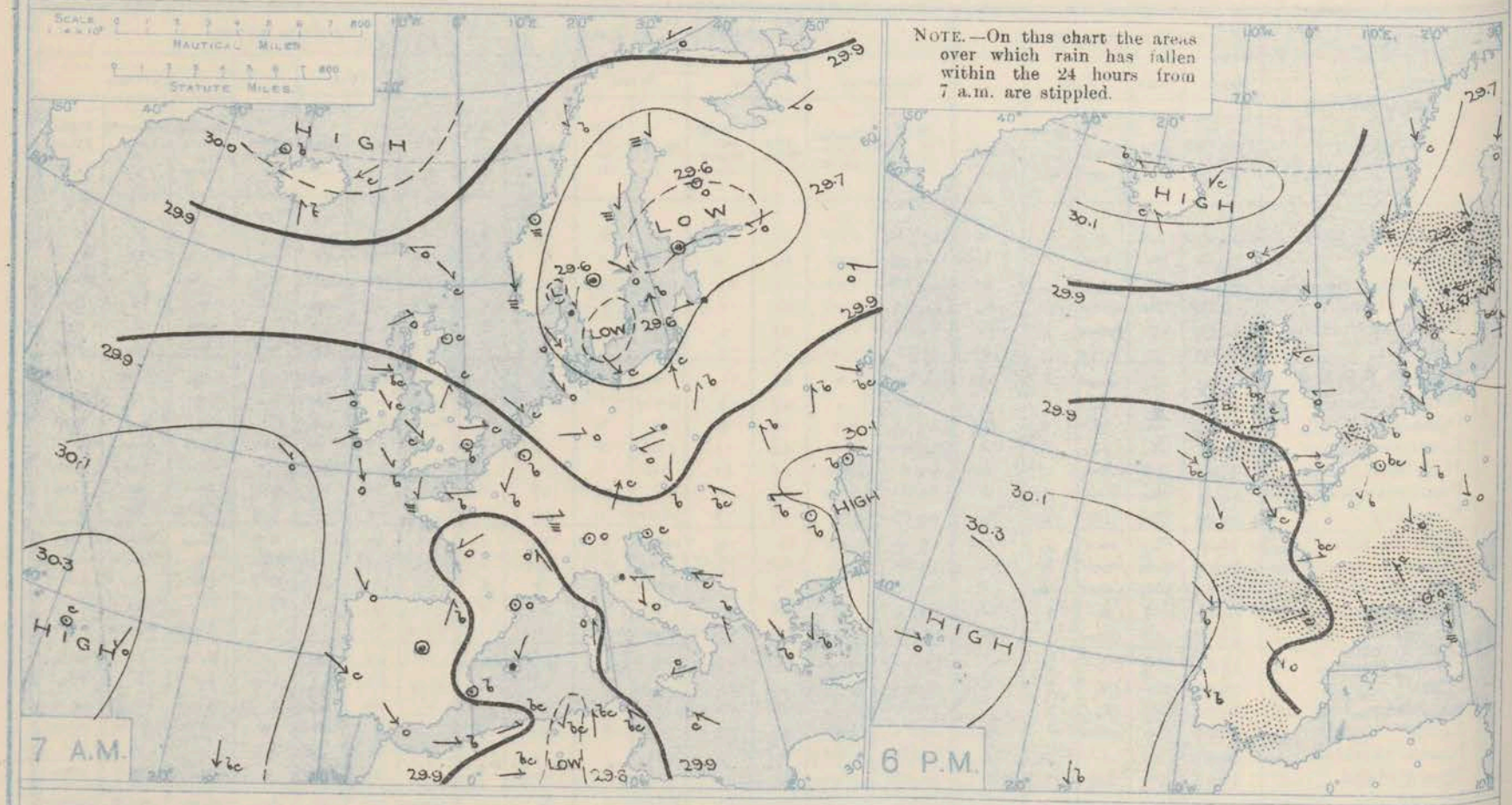
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Weather. Aftern'n 1 p.m. to 6 p.m.	Weather. Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	29.81	49	N	2	o	29.88	+.03	47	+1	N	3	c	2	–	50	44	*	o	o	c
	Stornoway	29.81	51	SW	1	bcp	29.91	+.05	50	0	NE	3	c	3	0.14	56	43	3.2	o.bcp	bcp	bc.cp
	Castlebay (Barra Isd.)	29.81	52	SW	4	bc	29.86	+.03	52	+1	ENE	2	c	2	0.01	54	46	12.6	c.o.bc	c	bc.cp
	Malin Head	29.82	54	WNW	3	bc	29.82	+.01	51	-1	S	1	b	1	–	57	42	*	bc	bc	bc
	Blacksod Point	29.89	55	WSW	3	c	29.79	-.01	53	0	SE	1	c	2	0.12	57	44	*	om	c	cp
	Valencia	29.95	51	WNW	3	c	29.83	-.01	46	-7	ENE	1	cp	3	0.08	57	45	4.5	bc	bc	bcp
	Roche's Point	29.91	57	NNW	4	c	29.84	*	51	-1	N	1	b	1	0.03	60	46	*	op	c.og	c.b
	Birr Castle	29.87	57	W	3	c	29.82	*	47	-3	WNW	1	b	*	0.03	61	38	3.4	cp	cp	xb
	Donaghadee	29.85	54	SE	2	bc	29.83	+.01	50	-2	N	2	c	2	trace	61	49	*	op	bcp	cm
	Liverpool Obsy.	29.88	54	W	1	c	29.82	-.01	54	-1	SSE	2	b	1	–	57	47	3.3	bc.o	bc.o	b
	Holyhead	29.87	55	WSW	1	cm	29.81	.00	53	+1	SW	1	c	1	–	61	50	*	cm	cm	cm
	Pembroke (St. Ann's Hd.)	29.91	54	WSW	2	b	29.81	-.03	49	-4	N	2	cp	2	trace	58	48	9.7	cm	bc	bc
	Newquay	29.91	56	NE	2	bc	29.82	-.01	53	-2	SW	1	cp	2	0.09	59	50	7.9	c.f.bf.b	b.bc	bc.cp
	Scilly (St. Mary's)	29.94	57	NW	2	cm	29.84	-.05	52	-4	WNW	3	c	3	–	61	50	8.7	bcm	bcm	cm
	Jersey (St. Aubin)	29.90	66	NNW	2	bcm	29.86	*	53	-7	NW	3	orm	3	–	71	49	13.2	bcm	bcm	cm.om
	Portland Bill	29.89	56	WSW	2	b	29.85	-.01	56	-1	NNW	1	b	2	–	61	51	12.1	b	b	bc.c
	Dungeness	29.86	56	S	1	bcg	29.82	?	55	+4	S	2	bcg	2	–	59	50	3.1	cf	bcg	f.bg
	Dover	29.89	58	SSW	1	cg	29.83	*	56	+3	SW	1	b	1	trace	62	44	7.2	bc	c.bc.c	cf.b
	Wick	29.82	49	–	0	c	29.91	+.03	49	+1	NE	2	bc	2	–	52	46	*	bc.c	c	c.bc
	Nairn	29.78	56	E	2	b	29.87	*	49	-1	E	3	o	2	0.10	62	48	4.9	bc	b	r.o
	Aberdeen	29.81	52	E	2	c	29.89	+.04	48	-4	ENE	3	o	2	–	60	47	2.7	c.op	bc.c	cp.o
	Leith	29.82	59	WNW	1	bc	29.85	+.03	51	-2	E	1	b	*	–	61	43	*	c.bc	c.bc	bc.b
	North Shields	29.82	55	E	2	o	29.86	.00	52	0	WNW	1	c	3	–	61	48	2.3	–	–	–
	Spurn Head	29.83	54	SE	2	c	29.83	.00	52	-1	NNW	3	om	3	–	59	50	*	om	cm	om
	Yarmouth	29.86	56	ESE	1	c	29.83	.00	57	+5	ESE	1	b	1	trace	60	52	3.9	c.op	op.c	o.c.bcm
	Clacton-on-Sea	29.86	60	S	1	c	29.82	.00	57	+5	S	2	bc	1	–	61	51	6.4	bc.cg	cg	cg.bc
	Nottingham	29.84	62	W	2	c	29.83	*	52	+3	N	1	om	*	–	66	49	2.9	cg	o.c	c.o
	Bath	29.87	63	W	2	bc	29.83	*	53	+3	NW	1	bc	*	–	69	48	8.7	–	–	–
	Oxford	29.86	59	NW	1	bc	29.82	*	58	0	–	0	bz	*	–	68	52	*	b.bcm	bcm.tc	bcm.2.b
	London (Kew Obsy.)	29.84	68	W	1	c	29.82	.00	56	+5	WSW	1	om	*	–	71	50	11.7	bz.b	b.bcc	c.bc.b
ICELAND & FAEROE.	Isafjord	30.09	54	E	2	b	30.12	.00	43	+2	–	0	f	*	*	*	*				
	Reykjavik	30.08	53	–	0	b	30.12	.00	49	+4	–	0	o	*	*	*	*				
	Vestmanna	30.11	50	SE	3	c	30.21	+.01	46	0	SSE	2	o	1	*	*	*				
	Seydisfjord	30.17	49	NE	4	c	30.21	-.01	42	0	–	0	b	*	*	*	*				
	Thorshavn	29.91	46	ENE	4	o	30.04	+.03	44	-1	ENE	4	o	*	*	*	*				
SCANDINAVIA.	Haparanda	29.62	50	NE	4	o	29.63	.00	48	-2	? –	0	o	*	–	50	45				
	Hernösand	29.63	48	N	2	r	29.61	.00	52	+2	N	2	o	*	0.16	52	45				
	Stockholm	29.54	47	SSW	2	o	29.60	.00	46	-2	WSW	2	r	*	0.12	52	43				
	Wisby	29.58	47	SSW	2	bc	29.60	+.01	47	-4	–	0	bc	*	–	55	43				
	Karlstad	29.54	53	E	4	r	29.62	+.02	54	+4	NNE	2	c	*	0.32	54	50				
	Færder (X'tania Fjord)	29.56	55	SW	4	o	29.64	+.02	58	+4	N	4	c	1	–	58	54				
	Bodö	29.74	47	N	6	c	29.82	+.04	45	-5	NNE	6	bc	3	–	52	43				
	Christiansund	29.75	48	NE	1	f	29.85	+.03	45	-3	NE	4	f	2	0.04	50	45				
	Skudesnaes	29.73	48	NNW	4	o	29.78	.00	48	+1	N	4	o	2	–	50	46				
	The Scaw (Skagen)	29.59	51	NW	2	o	29.63	+.01	56	+3	N	2	o	0	0.12	56	46				
	Blaavands Huk	29.74	47	NW	3	o	29.75	+.01	48	+1	NNW	5	o	4	–	50	46				
GERMANY, &c.	Cuxhaven	29.79	49	NW	3	o	29.81	+.02	49	-1	NW	4	o	*	–	54	48				
	The Helder	29.86	53	WNW	1	b	29.87	.00	53	+2	ESE	1	b	0	–	55	41				
	Brussels	29.87	56	–	0	bc	29.86	-.01	61	+9	SE	1	b	*	–	67	48				
	Berlin	29.76	52	SW	3	o	29.78	+.01	49		W	5	o	*	trace	57	45				
	Frankfurt	29.82	55	N	1	b	29.84	+.01	55	-1	NE	1	f	*	–	66	43				
	Munich	29.78	59	N	2	o	29.87	+.01	54	-4	SE	3	c	*	–	68	46				
FRANCE.	C. Gris Nez	29.86	57	WSW	2	m	29.84	.00	56	0	SSW	2	m	1	–	68	48				
	La Hève	29.88	62	N	1	m	29.87	*	?	?	SSE	1	m	0	–	72	54				
	Brest (St. Mathieu)	29.96	57	NNW	4	c	29.91	-.01	55	+3	WNW	1	o	1	–	61	52				
	Lorient (Bec Melen)	29.84	63	NW	4	c	29.86	*	55	+1	N	2	c	2	–	70	52				
	Rochefort (Ile d' Aix)	29.84	64	WSW	3	bc	29.82	*	60	+1	NW	3	o	*	–	68	57				
	Biarritz	29.93	59	WSW	3	c	29.95	*	58	0	WNW	5	o	4	0.12	63	55				
	Paris	29.85	66	NE	2	b	29.84	-.01	56	-1	NNE	1	b	*	–	71	45				
	Belfort	29.78	61	N	2	o	29.85	*	54	-2	ENE	5	m	*	0.20	75	47				
	Lyons	29.79	66	SSE	1	c	29.80	*	56	-4	SE	1	r	*	0.12	75	55				
	Nice	29.84	55	–	0	o	29.82	-.01	58	+3	SW	1	r	2	0.20	64	54				
	Perpignan	29.84	59	NW	1	r	29.84	+.03	59	0	NW	2	r	*	0.39	67	53				
	Sanguinaire	29.84	60	N	4	m	29.89	*	62	-2	SE	2	o	2	–	66	52				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.)	30.10	62	NW	1	b	30.11	.00	57	0	NW	1	f	3	–	68	52				
	Lisbon (9 a.m.)	30.07	59	NNW	4	b	30.09	+.02	60	-1	WNW	3	o	0	–	68	55				
	Gibraltar	29.98	61	W	2	b	30.00	*	61	+1	W	1	bc	*	0.15	*	*				
	Azores (P. Delgada)																				
	Azores (Horta)	30.36	66	W	3	o	30.25	+.02	63	-1	NW	3	o	1	–	72	63				
	Madeira (Funchal)	30.20	64	N	2	b	30.17	-.01	66	+1	N	2	bc	2	–	68	52				

DURATION AND EXTREME FORCE OF GALES 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. 29TH MAY.



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 70° or above in London and at Jersey, and to above 65° in the Midlands. Some showers fell in various parts of Ireland, Scotland, and the extreme south-west of England, and thunder was heard at Oxford. The duration of bright sunshine varied a great deal; at many places in the south and at Castlebay there was more than 12 hours, but only 2 hours at Scarborough and 1·6 hr. at Skegness.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

0 {a, b}, 1, 2 {a, b}: Wind between E. and N., light or moderate; mostly cloudy or overcast, some rain; temperature rather low.

3, 4 {a, b}, 5: Light Variable winds; changeable, some showers, thunder locally, fair at times; becoming cooler in most places

FORECAST DISTRICTS.

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.

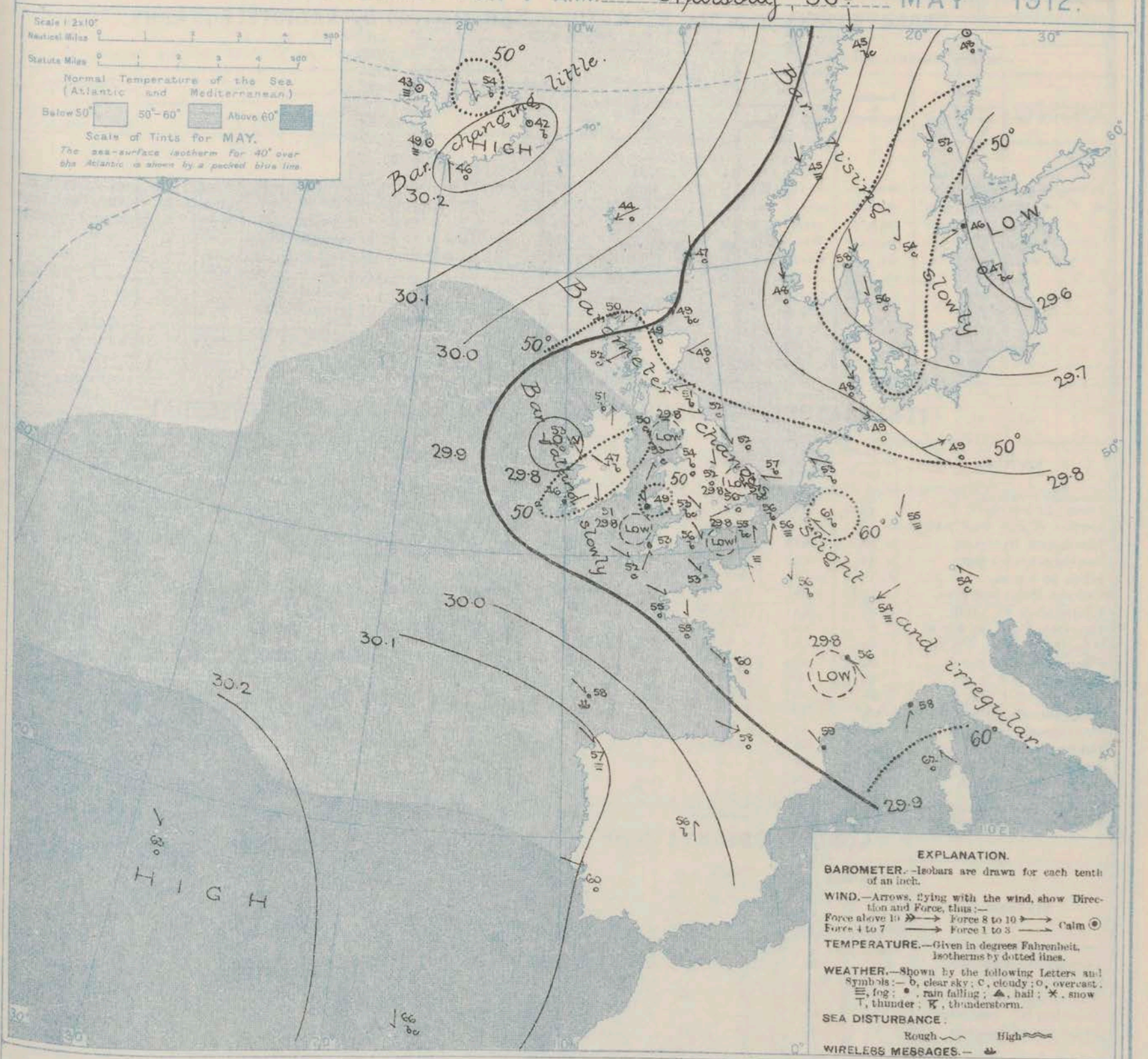
6 {a, b}: Same as Nos. 0 & 1.

7 {a, b}, 8 {a, b}, 9 {a, b}, 10 {a, b}: Variable to N.W. or N. winds, light; changeable, some rain; thunder locally; temperature rather low.

11 WESTERN CHANNEL AND BAY.
Wind mainly N.W., light or moderate; sea smooth or slight; some mist and showers, fair intervals.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Thursday, 30th MAY 1912.



EXPLANATION.

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

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

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

WEATHER.—Shown by the following Letters and Symbols:— b, clear sky; c, cloudy; o, overcast; ≡, fog; •, rain falling; ▲, hail; ✕, snow; T, thunder; K, thunderstorm.

SEA DISTURBANCE.
Rough — High

WIRELESS MESSAGES.—

NOTES ON THE GENERAL SITUATION AT 7 A.M.

Over the United Kingdom several shallow local disturbances have appeared since yesterday, but the readings of the barometer are between 29·8 in. and 29·9 in. at nearly all our stations. To the northeastward pressure decreases to about 29·6 in. in the southeast of Sweden, and to the northwestward it increases to about 30·2 in. in the south of Iceland, while at the Azores it is as high as 30·25 in.

The wind is mainly N.to to N.E.to over Scandinavia and Switzerland, N.W.to over the Bay of Biscay region, and N.W.to to W.to in North Germany. Over England and Ireland the direction is very variable and the force very light. Temperature has fallen except in the southeast of England. Over these islands it ranges from 57° at Clacton-on-Sea and Great Yarmouth to a little below 50° at some stations in the west and north. Over the United Kingdom generally the weather is cloudy, and showers are falling at some southwestern stations. In several localities, however, in England and Ireland the sky is nearly clear. Much cloud is reported on the Continent, with rain in the south of France and also at Stockholm.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The barometrical changes continue very slight but as several local irregularities have been formed, it is probable that the general character of the weather will become less fine and dry than of late. Thunder showers are to be expected in various parts of the Kingdom.

DAILY WEATHER REPORT. Thursday, 30th May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS.

Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.
	°	°	In.			
30 May 4 a.m.	45°.25'	9°.42'	30.01	WNW	3	H. M. S.
29 " 4 p.m.	48°.40'	9°.42'	30.10	NNW	4	H. M. S.
" " 3 p.m.	51	10	29.96	NW	4-5	Franconia
" " 10 a.m.	50	14	30.14	NW	4-5	Corinthian
" " 4 a.m.	50	16	30.14	NNW	1-3	Corinthian

OBSERVATIONS PLOTTED ON THE CHARTS.

Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance
	°	°	In.				°	°	°	
30 May 8 a.m.	44°.40'	9°.42'	30.03	WNW	3	r	58	57	58	3
29 " 6 p.m.	47°.35'	9°.42'	30.03	NNW	3	o	59	58	58	2
" " "	50	11	29.95	WNW	4-5	bc	-	-	-	-
" " 1 p.m.	50	13	30.08	NNW	4-5	c	-	-	-	-
" " 7 a.m.	50	15	30.14	WNW	1-3	o	-	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

Stations.	Temperature F. Max	Temperature F. Min	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Carnoustie, to 6 p.m.	64	41	c. b	6.8	trace
Oban, to 6 p.m.	58	48	p. bc. b	8.0	0.02
Dublin (City), to 4 p.m....	62	51	cp. c	*	–
Blackpool, to p.m. ...	59	48	or. c. bc. b	6.3	0.02
Southport, to 6 p.m. ...	58	52	b. o. bc. b	5.1	–
Rhyl, to 6 p.m....	60	46	b. c. b	2.2	–
†Colwyn Bay, to 6 p.m. ...	59	50	p. bc. b	3.2	0.02
Llandudno, to p.m. ...	69	52	b. c. bc	8.8	–
Bettws-y-Coed, to 6 p.m...	61	44	c. b. c	2.7	*
†Aberystwyth, to 6 p.m. ...	59	48	c. bc. b	7.9	–
Plymouth, to 9 p.m. ...	64	49	bc. b3. b	9.7	–
Paignton, to 6 p.m.... ...	68	48	b. o	8.8	–
Torquay, to 6 p.m.	66	50	b. o	9.3	–
Teignmouth, to 9 p.m. ...	69	52	b. c. bc	9.0	–
†Weymouth, to 6 p.m. ...	68	49	b. bc	12.1	–
†Bournemouth, to 6 p.m....	69	46	b. bc. c	11.3	–
Southsea, to 6 p.m.... ...	71	48	b	12.5	–
†Worthing, to 6 p.m. ...	69	48		12.9	–
Douglas, to 6 p.m.	60	50	b. c	5.8	–

† At this Station the amount of Bright Sunshine is for the whole day.

Stations.	Temperature F. Max	Temperature F. Min	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Stonehaven, to 6 p.m.	-	-	-		0.01
† Brighton, to 6 p.m.	68	48	b. bc. b	4.5 12.0	-
† Seaford, to 6 p.m.	65	45	b	13.7	-
† Eastbourne, to 6 p.m. ...	63	46	b. bc. o. b	12.0	-
Bexhill-on-Sea, to 9 p.m...	58	47	bc. f. b	7.0	-
† Hastings	*	*	*	6.7	*
† Folkestone, to 6 p.m. ...	59	49	bc. c. b. bc	5.5	-
† Deal, to 6 p.m....	64	44	bcm. bc. c	7.7	-
† Ramsgate, to 6 p.m. ...	*	*	*	8.9	-
Margate, to 6 p.m.	69	48	b. bc	6.0	-
† Felixstowe, to 6 p.m. ...	62	50	o. bcm. cf	7.1	-
† Lowestoft, to 6 p.m. ...	61	45	c. o. c	5.0	-
† Skegness, to 6 p.m.... ...	61	47	o. bc. c	1.6	-
Scarborough, to 9 p.m. ...	61	48	o. c. bc	2.0	0.02
† Harrogate, to 6 p.m. ...	62	47	bc. o. c. bc. b	4.6	-
Buxton, to 9 p.m.	60	44	bc	6.6	-
Darwen, to 9 p.m.	63	48	bcw. bcv	5.5	-
Manchester, to 9 p.m. ...					-
Birmingham, to 9 p.m. ...	65	47	c. b	4.4	-
Weston-super-Mare, to 6 p.m. ...	63	47	b. bc	11.0	-

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
	%	%				In.	Hr.
24 hours ended at 9 a.m. To-day.							
Greenwich (Royal Obsy.) ...	45	60	72	47	b. c. 3. o. c	–	7.6
City (Bunhill Row)	*	*	*	*	*	*	9.1
Westminster (St. James's Pk.	49	77	71	51	bc	–	9.2
Camden Sq. (Brit. Rainfall)	45	64	74	50	b. c. b	–	9.2
Hampstead (Reservoir) ...	*	74	72	52	bc. c. b	–	10.3
24 hours ended at 6 p.m. Yesterday.							
South Kensington ...	*	*	72	46	b3. b. bc. c. o	–	9.7
" " (Roof of M.O.)	37	66	72	48		*	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

30 & 31 May, 1912.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	3.40 / 3.39	11.50 / 11.50	8.0 / 8.1
Greenwich	3.52 / 3.51	11.57 / 11.57	8.2 / 8.3
Wick	3.20 / 3.19	12.9 / 12.9	8.58 / 8.59
Valencia...	4.32 / 4.31	12.38 / 12.38	8.44 / 8.45

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

Stations.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga	–	72	61	c. bc
Marseilles	0.12	72	55	c. r
Malta	–	75	64	- c
Algiers	0.04	73	63	bc. bc
Tunis	–	75	61	b. bc
Palermo	–	73	54	c. o
Rome...	–	75	58	o. o
Vienna	–	64	45	c. b
Utrecht	0.25	55	43	bc. bc
Zürich	–	*	*	b. c
Geneva	–	*	*	b. bc
Lugano	–	*	*	c. o

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

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday, 31st March, 1912.

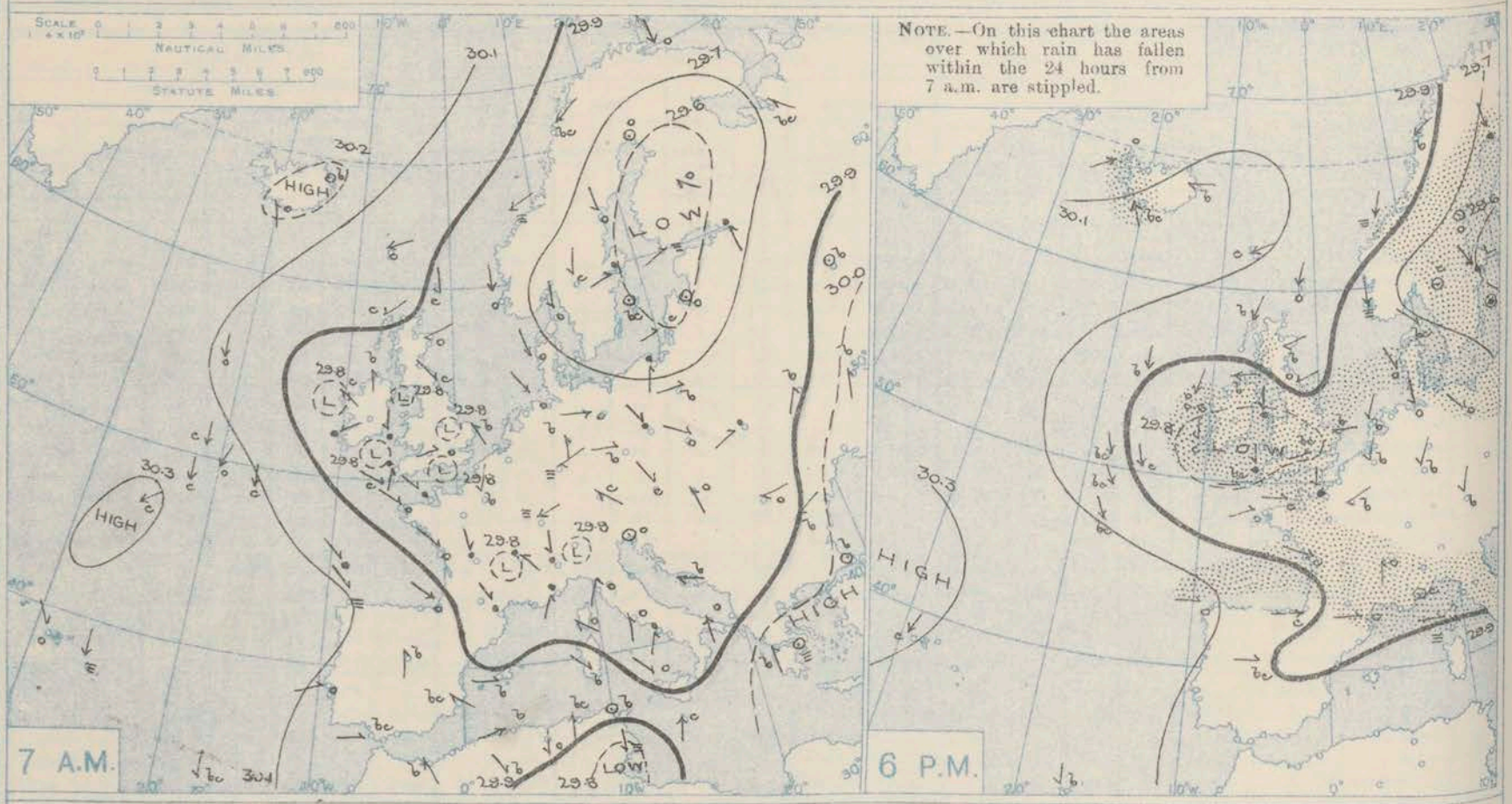
	STATIONS.	YESTERDAY EVENING. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind Direc.	Wind Force (0 to 12).	Weather.	THIS MORNING 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 6 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind Direc.	Wind Force (0 to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7 a.m. to 1 p.m.	Weather. Aftern'n 1 p.m. to 6 p.m.	Weather. Night. 6 p.m. to 7 a.m.
		In.	°				In.	In.	°	°					In.	°	°	Hours			
BRITISH ISLANDS.	Lerwick	30.00	47	NNE	4	o	30.00	+.04	45	-2	NNW	4	o	3	-	50	44	*	c	o	o
	Stornoway	30.00	52	NE	4	b	30.01	-.02	49	-1	ENE	4	c	4	-	57	47	11.0	c.bc	bc.b	bc.c
	Castlebay (Barra Isd.)	29.93	55	NE	4	cq	29.94	.00	52	0	ENE	3	b	2	-	59	49	12.1	c.o.c	c.o.bcq	cq.b
	Malin Head... ...	29.83	53	E	4	bq	29.85	.00	50	-1	NE	6	oq	6	-	57	46	*	bc	bc	o.gq
	Blacksod Point ...	29.83	54	NNE	5	o	29.81	+.01	52	-1	NE	5	o	4	0.62	56	49	*	c	op	omr
	Valencia	29.77	51	N	2	cw	29.75	.00	50	+4	-	0	b	3	0.01	56	42	7.4	cw	cw	bc
	Roche's Point ...	29.77	56	SSW	3	c	29.75	*	52	+1	N	1	c	1	0.26	59	44	*	bc	bc.c	bc.r.c
	Birr Castle	29.78	52	SE	2	o	29.75	*	52	+5	SE	2	c	*	0.13	60	46	5.1	c	cpr.o	cp
	Donaghadee ...	29.84	56	N	2	cq	29.86	.00	50	0	NE	4	o	4	0.18	56	50	*	bcq	cq	ptl.om
	Liverpool Obsy. ...	29.78	56	NNE	1	c	29.83	.00	51	-3	E	3	o	2	0.06	59	50	2.5	bm	ogps	op.
	Holyhead	29.79	55	N	1	omp	29.80	+.01	53	0	NW	1	o	1	trace	58	51	*	cpm	o.cm	cmw
	Pembroke (St. Ann's Hd.)	29.77	55	W	2	c	29.76	+.01	53	+4	SE	4	bc	4	0.01	58	49	7.8	cgp	bc	c
	Newquay	29.77	56	N	1	op	29.75	.00	53	0	SE	3	bc	2	0.12	59	41	3.1	cw. bw	c.cw.op	op.bc
	Scilly (St. Mary's) ...	29.78	55	W	1	bcm	29.72	-.01	54	+2	SE	2	cpm	3	0.14	60	48	8.3	cp	bcm	bc
	Jersey (St. Aubin) ...	29.84	58	W	3	cgm	29.83	*	57	+4	SSE	3	bcm	3	0.01	62	50	5.3	p.og.c	cgm	cm
	Portland Bill ...	29.82	55	SW	3	bc	29.83	+.01	54	-2	SE	1	bc	2	trace	61	52	12.4	bc	bc	bc.cp
	Dungeness	29.79	59	S	3	bc	29.83	+.01	54	-1	NE	2	r	2	trace	62	52	11.0	b	bc	cp.o
	Dover	29.83	59	SSW	1	b	29.86	*	56	0	N	2	o	1	trace	65	48	11.4	bf.b	b	bc.c.oe
	Wick	30.00	49	NE	2	c	30.01	-.01	46	-3	NE	2	o	2	-	52	44	*	bcq	bc.c	om
	Nairn	29.97	53	E	2	b	29.99	*	47	-2	E	1	o	1	0.05	56	41	7.3	p.o	c.b	bc
	Aberdeen	29.97	52	ENE	2	b	30.00	.00	48	0	NNE	2	o	2	-	55	43	6.7	o.c.bc	b	b.o
	Leith	29.96	49	ENE	3	o	29.97	+.01	50	-1	E	3	o	*	-	57	48	*	o.c	ogm	og
	North Shields ...	29.92	52	ENE	3	o	29.97	+.01	49	-3	NNE	2	o	3	0.02	59	46	4.9	-	-	o.r
	Spurn Head ...	29.84	52	E	4	o	29.88	.00	51	-1	ESE	5	r	5	0.04	59	50	*	om	om	c.or
	Yarmouth	29.84	57	E	2	b	29.89	+.01	53	-4	E	2	op	3	0.07	62	53	12.5	b.bc	bc.b	bc.op
	Clacton-on-Sea ...	29.81	60	SSE	2	bc	29.86	+.02	54	-3	N	2	o	1	0.01	63	52	12.4	bc.bq	b.bcq	bc.opq
	Nottingham... ...	29.79	56	ENE	3	c	29.85	*	52	0	E	1	r	*	0.17	66	50	3.1	o.c	c.tlr	c.bc
	Bath	29.78	63	W	1	c	29.83	*	53	0	E	1	o	*	-	67	47	7.3	b.bc	bc	-
	Oxford	29.81	59	SSE	3	bc	29.86	*	52	-6	S	1	r	*	0.14	69	50	*	bcm	bc.omq	omcr
	London (Kew Obsy.)...	29.79	66	WSW	2	bcw	29.85	.00	53	-3	-	0	om	*	0.49	72	51	10.4	o.c.bcc	c.bcw	bc.c.or
ICELAND & FAEROE.	Isafjord...	29.93	52	SW	5	o	29.51	-.08	46	+3	SW	9	r	*	*	*	*				
	Reykjavik	30.04	55	E	3	c	29.58	-.14	45	-4	-	0	r	*	*	*	*				
	Vestmanna	30.14	51	SSE	5	bc	29.78	-.08	45	-1	SSE	8	r	3	*	*	*				
	Seydisfjord	30.12	62	E	2	b	29.89	-.04	47	+5	-	0	b	*	*	*	*				
	Thorshavn	30.17	51	ENE	6	c	30.11	-.02	45	+1	ENE	2	c	*	*	*	*				
SCANDINAVIA.	Haparanda	29.66	44	N	6	r	29.72	+.01	40	-8	NE	6	r	*	0.32	52	39				
	Hernösand	29.67	47	-	0	o	29.74	+.05	46	-6	NNE	2	o	*	0.24	57	45				
	Stockholm	29.60	46	NNW	4	r	29.69	+.04	46	0	N	6	o	*	0.20	50	45				
	Wisby		47	-	0	r	29.66	+.05	46	-1	NW	6	o	*	0.04	52	43				
	Karlstad	29.68	57	-	0	c	29.74	.00	55	+1	NW	4	b	*	0.04	63	50				
	Færder (X'tania Fjord)	29.68	59	WSW	2	c	29.75	+.02	53	-5	NNE	5	c	2	-	64	52				
	Bodö	29.94	44	NE	5	b	29.96	.00	42	-3	N	4	b	2	-	45	39				
	Christiansund ...	29.98	45	NE	5	m	29.99	-.01	44	-1	NE	5	m	2	0.04	48	41				
	Skudesnaes	29.78	48	N	4	f	29.77	-.01	48	0	NE	2	o	1	-	52	43				
	The Scaw (Skagen)...	29.71	53	NW	3	bc	29.76	+.01	50	-6	WSW	3	m	1	-	63	46				
	Blaavands Huk ...	29.80	48	NNW	3	o	29.87	.00	47	-1	WNW	3	r	2	trace	52	45				
GERMANY, &c.	Cuxhaven	29.87	49	N	2	o	29.90	+.01	49	0	NNW	2	o	*	-	52	48				
	The Helder	29.89	55	NE	3	b	29.95	+.01	51	-2	ENE	2	b	1	-	57	48				
	Brussels	29.83	60	NE	1	b	29.86	+.01	61	0	ESE	2	b	*	-	73	50				
	Berlin	29.81	54	NW	1	c	29.88	+.03	49	0	W	3	o	*	trace	57	46				
	Frankfurt	29.79	58	NE	2	b	29.86	+.03	56	+1	NE	2	b	*	-	68	48				
	Munich	29.80	55	NE	2	b	29.85	+.01	55	+1	NE	2	b	*	-	63	46				
FRANCE.	C. Gris Nez... ...	29.82	62	NNE	1	bc	29.86	+.01	57	+1	?N	2	m	2	-	68	54				
	La Hève	29.85	54	N	2	r	29.86	*	55	?	S	2	o	1	0.35	70	50				
	Brest (St. Mathieu) ...	29.87	57	WSW	3	o	29.80	-.04	54	-1	SSW	4	bc	2	-	61	54				
	Lorient (Bec Melen)...	29.85	59	W	2	c	29.78	*	56	+1	SW	3	b	3	-	68	50				
	Rochefort (Ile d' Aix)	?	59	WNW	4	c	29.86	*	58	-2	SW	3	o	*	0.12	63	55				
	Biarritz	29.99	60	W	4	c	29.96	*	59	+1	SE	1	bc	2	-	61	54				
	Paris	29.78	70	E	2	b	29.87	+.03	58	+2	NNW	2	o	*	-	73	52				
	Belfort							*						*							
	Lyons	?	59	S	1	o	29.94	*	56	0	NW	1	o	*	0.08	73	54				
	Nice	29.78	60	-	0	c	29.83	+.03	61	+3	-	0	b	2	0.28	64	50				
	Perpignan	29.89	60	W	3	o	29.95	+.01	62	+3	W	2	b	*	0.04	66	52				
	Sanguinaire	29.90	62	W	3	m	29.94	*	61	-1	NW	5	c	5	0.47	64	52				
SPAIN, PORTUGAL, &c.	Corunna (8 a.m.) ...	30.12	55	W	3	o	30.07	-.04	56	-1	SW	3	bc	3	-	66	52				
	Lisbon (9 a.m.) ...																				
	Gibraltar	29.98	61	NW	3	b	29.90	*	58	-3	W	3	b	*	-	*	*				
	Azores (P. Delgada)																				
	Azores (Horta) ...	30.31	63	NE	4	c	30.35	+.01	62	-1	NE	4	b	3	-	66	61				
	Madeira (Funchal) ...	30.17	64	N	1	b	30.12	.00	66	0	N	1	bc	2	-	66	50				

DURATION AND EXTREME FORCE OF GALES 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. 30th MAY.



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 70° or a little above in the south-east of England, but failed to touch 60° over a large area in the north and west of the Kingdom. Thunderstorms have occurred in several localities, but the amount of rainfall has varied greatly; the largest falls reported this morning are 0·5 in. in London (Kew Observatory) and 0·6 in. at Blackwood Point. Many hours of bright sunshine were recorded in the south-east and east of England, as well as in some parts of Scotland. According to wireless reports a moderate to fresh northerly breeze prevailed as far west as the 21st meridian.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

0 a, b; 1 — N.E.by to E.by or S.E.by winds, light or moderate; a good deal of cloud, some rain: rather low temperature.

2 a, b; 3; 4 a, b; 5 — Wind mainly between E. and S.E., light or moderate; much cloud, some rain, thunder locally; rather low temperature.

6 a, b — Same as Nos. 0 & 1.

7 a, b; 8 a, b — Same as Nos. 2 to 5.

9 a, b; 10 a, b — Light or moderate winds from some E.by point; much cloud, some rain and mist; rather low temperature.

11 WESTERN CHANNEL AND BAY.
Wind between S. and S.E., light or moderate; sea slight or smooth; some rain and mist, fairer later.

FORECAST DISTRICTS.

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

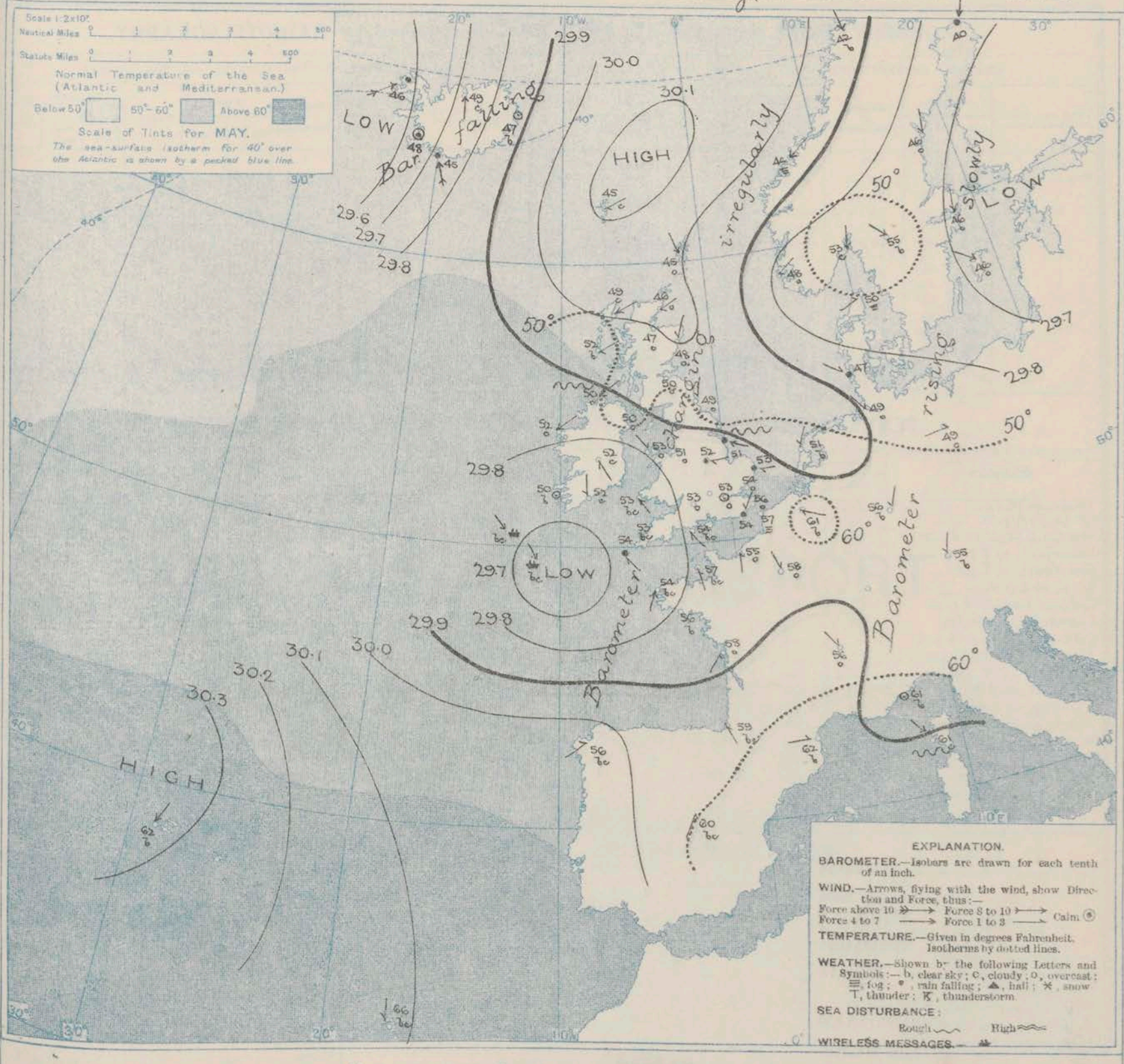
Signals hoisted yesterday.	Signals hoisted this morning.
South Cone	South Cone.
North Cone.	North Cone.

No Warnings issued.

THE FURTHER OUTLOOK. (all districts).

General condition continuing unsettled.

SYNOPTIC CHART FOR 7 A.M. Friday, 31st MAY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is below 29.7 in. in a shallow depression having its minimum off the southwest of these islands, and also in another system over Finland and its neighbourhood, while in a depression advancing over Iceland from the westward it is below 29.6 in. The highest readings, 30.5 in. and upwards, are reported from the Azores, but the mercury is as high as 30.1 in. at the Faeröe, and relatively high thence to Holland.

The wind over the United Kingdom is mainly between S.E. and N.E., light or moderate generally, but fresh or strong on the north coast of Ireland. In Iceland the wind draws into the S.W. and blows a gale, while over Scandinavia there is a moderate to strong breeze from the N.W. Temperature has fallen over England, and the readings over the United Kingdom now range from 57° at Jersey, and 56° at Dover to about 50° at many stations further north, and to 45° at Lerwick. Fine weather prevails at several places on the Continent, but over these islands there is much cloud, with rain in various parts of England. Rain is also falling in Jutland, at Haparanda, and in the west of Iceland.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The pressure distribution over the United Kingdom and Western and North-western Europe generally indicates that the weather will remain in an unsettled condition for the present, with winds from some E.S.E. or S.E.S. point.

DAILY WEATHER REPORT. Friday, 31st May, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS.

Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.
	°	°	In.		
May 31. 4 a.m.	50	13	29.72	NW	4-5
" " "	48	12	29.70	N	4-5
" 30 3 p.m.	47	20	30.26	NNW	4-5
" " "	49	18	30.20	NNW	6-7
" " "	50	18	30.08	NNW	6-7
" " "	55	16	?30.02	N	6-7
" " "	50	16	30.05	NNW	4-5
" " "	49	20	?	NNE	6-7
" " 4 a.m.	50	15	?29.94	NW	4-5
" " "	48	22	30.36	NNW	4-5
" " "	55	22	30.12	NNW	6-7
" " "	45	26	30.28	NE	4-5
" " "	50	21	30.25	N	4-5
" " "	49	20	30.28	NNE	4-5

OBSERVATIONS PLOTTED ON THE CHARTS.

Name of Ship.	Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance
		°	°	In.				°	°	°	
Celtic	May 31 7 a.m.	50	12	29.72	NW	4-5	bc	–	–	–	–
Olympic	" " "	48	11	29.66	NNW	4-5	bc	–	–	–	–
	" 30 6 p.m.	47	19	30.14	NNW	4-5	bc	–	–	–	–
Celtic	" " "	49	17	30.10	NNW	6-7	bc	–	–	–	–
Montreal	" " "	50	17	30.03	NNW	6-7	bc	–	–	–	–
Victorian	" " "	55	15	29.90	N	4-5	b	–	–	–	–
Cymric	" " "	50	15	29.99	NNW	4-5	c	–	–	–	–
Franconia	" " "	48	21	?30.16	N	6-7	c	–	–	–	–
	" " 7 a.m.	49	16	?29.98	N	6-7	c	–	–	–	–
Celtic	" " "	48	21	30.32	N	4-5	c	–	–	–	–
Victorian	" " "	55	20	30.02	N	6-7	o	–	–	–	–
Olympic	" " "	46	24	30.32	NE	4-5	c	–	–	–	–
Montreal	" " "	50	20	30.23	N	4-5	c	–	–	–	–
Cymric	" " "	49	19	30.22	NNE	4-5	o	–	–	–	–

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

Stations.	Temperature F. Max	Temperature F. Min	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Lerwick, to 6 p.m.	54	41	o.b	1.8	–
Oban, to 6 p.m.	60	40	b.bc.o.p.bc	5.5	–
Dublin (City), to 4 p.m.	60	46	bcp.c	*	–
Blackpool, to 9 p.m.	61	45	c.opt, o	4.0	0.01
Southport, to 6 p.m.	59	45	bc.c.o.t.bc	2.8	–
Rhyl, to 6 p.m.	63	44	b.bc.c	7.2	–
†Colwyn Bay, to 6 p.m.	56	47	bc.c	5.2	–
Llandudno, to 9 p.m.	62	49	c.bc.o	6.8	–
Bettws-y-Coed, to 6 p.m.	61	48	b.bc.c	6.8	*
Aberystwyth, to 6 p.m.	57	45	c.d.o.c.o	2.7	–
Plymouth, to 9 p.m.	58	47	bcg.bcg.bcv	1.4	–
Paignton, to 6 p.m.	62	46	bc.op.bc.b	2.6	–
Torquay, to 6 p.m.	63	48	o.c.b	3.3	–
Teignmouth, to 9 p.m.	65	47	bc.or.bc	3.8	–
†Weymouth, to 6 p.m.	65	47	bc.b	12.4	–
†Bournemouth, to 6 p.m.	66	47	c.bc.b	11.1	–
Southsea, to 6 p.m.	65	44	bc.t.bc.c.b	6.3	–
†Worthing, to 6 p.m.	65	48	b.c	10.2	–
Douglas, to 6 p.m.	61	46	o.c.o	3.6	–

† At this Station the amount of Bright Sunshine is for the whole day.

Stations.	Temperature F. Max	Temperature F. Min	Weather.	Sunshine.	Rainfall.
	°	°		Hr.	In.
Stonehaven, to 6 p.m.	–	–	–	–	0.01
†Brighton, to 6 p.m.	63	49	b.bc	5.6	–
†Seaford, to 6 p.m.	66	46	b.c	10.0	–
†Eastbourne, to 6 p.m.	65	47	bc.b	11.9	–
Bexhill-on-Sea, to 9 p.m.	64	52	bc.b.b.bc	10.7	–
Hastings	*	*	*	10.2	*
†Folkestone, to 6 p.m.	61	47	f.m.bc.b	10.7	–
†Deal, to 6 p.m.	67	48	bcm.bc.b	9.1	–
†Ramsgate, to 6 p.m.	*	*	*	12.3	–
†Margate, to 6 p.m.	72	48	b	11.4	–
†Felixstowe, to 6 p.m.	62	54	bc.bf	10.6	–
†Lowestoft, to 6 p.m.	63	51	c.op.bc.b	11.9	–
†Skegness, to 6 p.m.	59	46	o.bc.o	10.9	0.01
Scarborough, to 9 p.m.	59	49	bc.o.c	4.5	0.09
†Harrogate, to 6 p.m.	61	41	bc.o.c.oth	5.0	0.01
Buxton, to 9 p.m.	61	43	bc.cg.r.c	2.5	0.03
Darwen, to 9 p.m.	61	42	cg.bc.bt.o	2.3	–
Manchester, to 9 p.m.	63	45	o.c.ort.op	2.0	0.15
Birmingham, to 9 p.m.				0.3	0.18
Weston-super-Mare, to 6 p.m.	62	48	bc.c	2.1	

LONDON OBSERVATIONS.

Stations.	Humidity. 3 p.m. Yesterday.	Humidity. 9 a.m. To-day.	Temperature Max.	Temperature Min.	Weather.	Rainfall.	Sunshine Yesterday.
			24 Hours ended at 9 a.m. To-day.				
	%	%	°	°		In.	Hr.
Greenwich (Royal Obsy.)	42	89	77	51	b.c.o.r	0.17	8.7
City (Bunhill Row)	*	*	*	*	*	*	7.9
Westminster (St. James's Pk.)	52	86	72	52	bc.r.bc	0.30	9.7
Camden Sq. (Brit. Rainfall)	40	85	77	51	b.or.o	0.28	9.1
Hampstead (Reservoir)	*	94	72	48	bc.orm.om	0.31	10.1
			24 Hours ended at 6 P.M. Yesterday.				
South Kensington	*	*	74	53	b3.bc	–	9.5
" " (Roof of M.O.)	41	78	73	54		*	

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom To-day and To-morrow.

31 May, 1 June 1912.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	3.39	11.50	8.1
	3.38	11.51	8.4
Greenwich	3.51	11.57	8.3
	3.51	11.58	8.5
Wick	3.19	12.9	8.59
	3.17	12.10	9.2
Valencia	4.31	12.38	8.45
	4.29	12.39	8.48

TEMPERATURE, WEATHER and RAINFALL at additional FOREIGN STATIONS, for the 24 hours ended at 7 a.m. yesterday.

Stations.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In.	°	°	
Malaga	?	73	59	bc. b
Marseilles	0.71	66	57	o. r
Malta	–	72	64	b. o
Algiers	–	77	63	b. b
Tunis	–	86	59	bc. b
Palermo	–	93	59	b. o

Stations.	Rain.	Temperature F. Max.	Temperature F. Min.	Weather.
	In	°	°	
Rome	–	75	63	o. o
Vienna	–	70	52	r. c
Utrecht	–	64	43	b. c
Zürich	0.47	*	*	o. bc
Geneva	–	*	*	o. o
Lugano	–	*	*	o. r

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

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ADDITIONS AND CORRECTIONS

TO THE

DAILY WEATHER REPORT.

MAY, 1912.

ADDITIONS AND CORRECTIONS TO THE REPO

1.—REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING. Baron. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	THIS MORNING, 7 A.M., G.M.T. Barometer. At 32° Fahr. and M.S.L. Lat. 45°.	Barometer. Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind. Direc.	Wind. Force (0. to 12).	Weather.	Sea (0 to 9).	PAST 24 HOURS. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7–18 Hours.	Weather. Aftern'n. 13–18 Hours.	Weather. Night. 18–7 Hours.
		In.	°				In.	In.	°	°					In.	°	°	Hours.			
1st.	Gibraltar	30.01	63	NW	2	b	29.98	–	53	−3	NE	1	b	–	–	–	–	.	.	.	.
"	P. Delgada	30.05	60	S	6	o	29.88	−.05	57	−3	S	5	m	7	0.95	61	57	.	.	.	.
2nd.	Helder	30.19	49	W	1	bc	30.09	−.02	43	−3	S	2	b	2	–	54	32	.	.	.	.
"	Sanguinaire	29.79	52	SE	4	r	29.82	–	57	+1	W	2	m	3	0.20	59	45	.	.	.	.
"	Gibraltar	?	61	SE	2	bc	29.94	–	58	+5	SE	4	c	–	–	–	–	.	.	.	.
"	P. Delgada	29.77	59	S	4	bc	29.63	−.03	58	+1	SSW	5	r	4	0.47	61	57	.	.	.	.
3rd	Westmanna	–	–	–	–	–	30.30	.00	40	+2	E	1	b	o	–	–	–	.	.	.	.
"	Gibraltar	29.91	61	E	2	b	29.90	–	60	+2	E	3	c	–	–	–	–	.	.	.	.
4th.	Sanguinaire	30.05	56	N	2	m	30.14	–	56	−1	SE	2	m	2	–	61	46	.	.	.	.
"	P. Delgada	29.84	61	SSW	5	m	29.78	+.04	61	+2	SSW	5	m	5	–	63	57	.	.	.	.
6th	Gibraltar	30.11	65	SW	1	b	30.13	–	59	−3	SE	1	b	–	–	–	–	.	.	.	.
"	P. Delgada	30.06	64	S	4	m	29.92	−.02	62	0	SSW	5	m	?	0.32	64	59	.	.	.	.
7th	P. Delgada	29.97	62	SSW	5	m	29.94	+.01	62	0	S	5	m	5	–	64	61	.	.	.	.
8th	Corunna	30.38	60	WNW	1	f	30.34	.00	63	+4	S	1	b	2	–	66	55	.	.	.	.
"	P. Delgada	30.31	62	SSW	5	o	30.08	+.04	61	−1	–	0	f	?	–	64	61	.	.	.	.
9th	P. Delgada	30.10	60	ESE	4	o	29.97	−.04	61	0	ESE	5	o	3	–	66	59	.	.	.	.
10th	Lorient	30.28	54	N	4	b	30.11	–	57	0	NNE	4	b	2	–	66	45	.	.	.	.
"	P. Delgada	29.92	61	SSW	5	o	29.95	+.07	59	−2	WNW	5	m	5	–	64	59	.	.	.	.
11th	P. Delgada	30.20	56	N	3	b	30.19	+.01	56	−3	NNW	4	c	2	–	64	55	.	.	.	.
"	Funchal	30.03	73	N	4	b	30.00	+.01	71	−4	N	4	o	3	–	79	57	.	.	.	.
13th	Stockholm	29.22	46	WSW	6	o	29.09	−.02	43	−2	WNW	6	r	–	0.04	55	43	.	.	.	.
"	Helder	29.82	50	N	5	bc	30.10	+.07	48	−11	NW	5	b	3	–	61	43	.	.	.	.
"	Lorient	29.93	59	W	4	bc	30.10	–	57	−7	WNW	2	o	3	–	75	52	.	.	.	.
"	Corunna	30.04	60	WNW	2	o	30.09	.00	57	0	NNE	1	b	2	–	64	52	.	.	.	.
"	P. Delgada	30.30	57	N	4	bc	30.30	+.02	57	+2	N	4	b	1	–	61	54	.	.	.	.
14th	Helder	30.19	48	NW	3	b	30.18	−.01	51	+3	SSW	3	b	1	–	52	39	.	.	.	.
"	Brussels	30.20	51	NNE	2	b	30.12	−.02	51	0	ESE	1	b	–	–	61	40	.	.	.	.
"	Lorient	?30.05	63	W	3	bc	29.92	–	59	+2	E	1	o	1	–	68	54	.	.	.	.
"	Corunna	30.04	63	NNW	3	bc	29.82	−.03	57	0	NE	1	r	2	0.08	68	54	.	.	.	.
"	P. Delgada	30.29	57	N	4	c	30.22	−.01	57	0	–	0	o	0	–	61	55	.	.	.	.
15th	Sanguinaire	29.97	61	N	1	m	29.95	+.05	66	+5	SSE	2	m	2	–	66	55	.	.	.	.
"	P. Delgada	30.25	58	–	0	b	30.27	+.02	58	+1	–	0	c	0	–	64	55	.	.	.	.
16th	Helder	29.54	54	SSE	1	r	29.48	+.01	51	−2	W	6	o	3	0.39	61	50	.	.	.	.
"	Corunna	30.36	57	WNW	3	b	30.26	+.04	55	+1	WNW	2	o	3	0.08	63	52	.	.	.	.
"	P. Delgada	30.38	59	NE	3	o	30.29	+.01	59	+4	NE	5	o	1	–	64	54	.	.	.	.
17th	Sanguinaire	30.01	62	W	4	m	30.01	–	61	–	WNW	6	m	6	–	58	54	.	.	.	.
"	P. Delgada	30.41	59	NE	4	b	30.34	−.01	58	−1	NE	3	o	2	–	63	57	.	.	.	.
18th.	Lisbon	29.95	67	ENE	4	b	29.94	+.01	63	−5	–	0	o	5	–	79	63	.	.	.	.
"	P. Delgada	30.21	58	–	0	o	30.21	.00	57	−1	–	0	o	1	–	63	57	.	.	.	.
20th	Brussels	30.02	57	ENE	1	b	29.93	−.01	62	+5	SE	1	o	–	–	68	47	.	.	.	.
"	P. Delgada	30.13	60	NW	3	bc	30.13	+.02	62	+1	WNW	4	m	2	–	64	60	.	.	.	.
21st.	Vestmanna	–	–	–	–	–	30.06	−.01	48	+4	E	3	b	1	–	–	–	.	.	.	.
"	Biarritz	29.90	61	WNW	3	o	29.88	–	58	−3	WNW	3	r	2	0.16	64	57	.	.	.	.
"	Corunna	30.02	64	WNW	1	b	29.90	−.04	58	−5	SSW	5	o	3	–	66	54	.	.	.	.
"	P. Delgada	30.13	62	NW	3	o	30.15	+.02	59	−3	N	1	b	1	–	66	59	.	.	.	.
22nd	Brussels	29.78	55	NW	1	bc	29.71	−.01	56	−1	SE	1	r	–	Trace	68	48	.	.	.	.
"	P. Delgada	30.21	60	–	0	b	30.18	+.01	62	−3	WNW	3	m	2	–	66	57	.	.	.	.
23rd.	Lisbon	30.14	59	WNW	3	b	30.15	+.04	62	+1	NNW	4	bc	5	–	66	57	.	.	.	.
"	P. Delgada	30.25	59	NE	4	b	30.24	+.01	59	−3	NE	3	bc	1	–	70	57	.	.	.	.
24th.	Reykjavik	–	–	–	–	–	30.17	+.02	43	−1	–	0	b	–	–	–	–	.	.	.	.
"	Vestmanna	–	–	–	–	–	30.21	+.02	47	+1	–	0	b	1	–	–	–	.	.	.	.
"	P. Delgada	30.21	61	SW	3	b	30.13	+.01	61	+2	S	4	o	3	–	64	55	.	.	.	.
25th	P. Delgada	30.26	63	SW	3	m	30.26	+.06	59	−2	NNE	4	o	2	0.16	68	59	.	.	.	.
26th	Helder	30.29	50	NNW	4	bc	30.21	−.02	50	0	NW	4	c	2	–	52	48	.	.	.	.
27th	Helder	30.13	48	NNW	4	c	30.04	−.01	50	0	NNW	4	bc	2	0.04	52	46	.	.	.	.
28th	Corunna	29.90	64	NE	3	o	29.95	.00	55	−3	SW	3	o	2	0.20	66	52	.	.	.	.
"	P. Delgada	30.26	62	N	1	b	30.25	+.01	61	−1	NW	1	b	1	–	68	59	.	.	.	.
29th	Berlin	29.84	54	W	1	c	29.76	−.01	49	+1	SW	5	o	–	–	55	46	.	.	.	.
"	P. Delgada	30.30	63	N	5	o	30.32	+.02	61	0	NNE	3	o	1	0.04	70	59	.	.	.	.
30th	P. Delgada	30.30	63	WNW	4	o	30.19	−.01	61	0	N	4	m	2	0.08	68	61	.	.	.	.
31st.	Belfort	29.76	68	E	4	m	29.90	+.04	58	+4	W	2	m	–	–	75	52	.	.	.	.
"	Lisbon	30.08	59	WNW	2	b	30.03	+.02	60	0	WNW	2	o	2	–	66	54	.	.	.	.
"	P. Delgada	30.24	60	NE	4	o	30.30	+.02	60	−1	NE	4	bc	2	–	66	59	.	.	.	.

2.—CORRECTIONS.

Date.	Stations.	Yesterday Evening. Barom. At 32° Fahr. and M.S.L. Lat. 45°.	Temp. Dry Bulb.	Wind. Direc.	Wind. Force (0 to 12).	Weather.	This Morning 7 a.m., G.M.T. Barometer At 32° Fahr. and M.S.L. Lat. 45°.	Barometer Change since 4 a.m.	Temp. Dry Bulb.	Temp. Change since Yesterday.	Wind. Direc.	Wind. Force (0. to 12).	Weather.	Sea (0 to 9).	Past 24 Hours. Rainfall.	Temp. Max.	Temp. Min.	Sunshine.	Weather. Morn'g. 7-13 Hours.	Aftern'n. 13-18 Hours.	Night. 18-7 Hours.
		In.	°				In.	In.	°	°					In.	°	°	Hours.			
1st.	Malin Head												b								
2nd	Blacksod Point		53												No Rain						
"	Portland Bill						30.12						cm								
"	Dover								50												
"	Corunna				5	b															
3rd	Pembroke					cm												6.0			
"	Portland Bill																	5.8			
"	Dungeness								56	+7											
"	Dover																	9.0			
"	Nairn								47												
5th.	Malin Head																				
"	Donaghadee		49										b								
"	Dover								48	+1							47				
"	Clacton-on-Sea																	0.0			
6th.	Pembroke																46				
"	Clacton-on-Sea															59					
7th	Valencia														0.09						
"	Pembroke															54					
8th	Pembroke																	6.0			
9th	Dungeness																				
"	Dover												cm								
10th	North Shields												c								
11th	Lerwick						29.78														
"	Dungeness					c										54					
12th	Malin Head																	1.2			
"	Valencia												bc								
"	Portland Bill										N										
13th	Wick												bc								
"	Pembroke																	7.8			
"	Portland Bill														0.01						
"	Oxford																44				
14th	Malin Head																				
"	Pembroke					bc							bc					3.3		b	b
"	Portland Bill																				
"	Leith																45				
15th.	Malin Head						29.60														
"	Dungeness						29.61						bcm								
"	Dover																				
16th	Blacksod Point							+03									43				
"	Roche's Point								47	−4											
"	Pembroke												bc								
"	Portland						30.45														
"	Horta					eq															
17th	Pembroke								51	+1			bc								
"	Portland Bill					bc							bc								
18th	Portland Bill																		b bc.ev		
20th	London (Kew Obs.)																				
"	Newquay	29.93															62				
"	Horta																				
21st.	Blacksod Point	29.71		NE													48				
"	Donaghadee		49																		
"	Holyhead															62					
"	Jersey																50	10.5			
"	Portland Bill																				
"	Spurn Head	29.70																			
22nd	Stornoway		46				29.57									57					
"	Pembroke															64	54				
"	Corunna												o							ogr	r. o
23rd	Roche's Point																	6.8			
"	Dungeness																42				
24th	Castlebay						30.19						bcm								
"	Holyhead												bc								
"	Pembroke																	10.0			
"	Dover												bm								
25th	Holyhead												bc								
"	Pembroke																				
"	Wick					c															
26th.	Pembroke					bc							bc								
"	Jersey																44				
"	Portland Bill					bc															
27th	London (Kew Obs.)		58																		
"	Donaghadee	30.20											cpm								
"	Holyhead												bc								
"	Pembroke												bc								
"	Portland Bill						30.11														
"	Spurn Head						29.69														
28th	Skagen		53																		
"	Pembroke					bc															
"	Portland Bill					bc															
29th	Valencia										WSW										
"	Holyhead												cm								
30th	Pembroke					bc															
"	Pembroke					bc															
"	Portland Bill												bc								
"	Dover								58	+5											
31st	London (Kew Obs.)			WNW											0.19						
"	Pembroke																				

WIRELESS TELEGRAMS.

ADDITIONS AND CORRECTIONS— MAY. 1912.

Date of Report in which Observations Appeared.	Control Observations. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Name of Ship.	Observations Plotted on the Charts. Date and Hour of Observation.	Position. Lat. N.	Position. Long. W.	Reading of Barometer.	Wind. Direc.	Wind. Force.	Weather.	Temperature. Air. Dry Bulb.	Temperature. Air. Wet Bulb.	Temperature. Sea.	Sea Disturbance.
		°	°	In.					°	°	In.				°	°	°	
							ADDITIONS.											
6th	May 5th 3pm	49	11	29.89	WSW	4	Minnewaska	May 5th 6pm	49	13	29.88	SW	5	0	.	.	.	.
12th.	" 11th 3pm	47	28	30.16	NNE	6	Oceanic	" 11th 6pm	46	29	30.28	N	6	c	.	.	.	.
"	" " "	54	13	29.82	NW	3	Canada	" " "	54	12	29.81	NW	3	bc	.	.	.	.
"	" " 4am	54	18	29.76	NNE	4	do.	" " 7am	54	16	29.79	N	5	bc	.	.	.	.
							CORRECTIONS.											
3rd.	—	.	.	.	.	.	Montrose	May 2nd 6pm	51	14	.	.	.	.	.	.	.	.
4th	—	.	.	.	.	.	Montcalm	" 3rd "	50	16	.	.	.	.	.	.	.	.
"	May 3rd 3pm	.	.	29.48	.	.	Cameronia	" " "	.	.	29.49	.	.	.	.	.	.	.
"	" " 4am	.	.	29.53	.	.	do	" " 7am	.	.	29.50	.	.	.	.	.	.	.
5th	—	.	.	.	.	.	Ascania	" 4th 6pm	.	.	29.70	.	.	.	.	.	.	.
"	May 4th 3pm	.	.	29.74	.	.	Cameronia	" " "	.	.	29.76	.	.	.	.	.	.	.
"	" " 4am	.	.	.	.	4	Cymric	" " 7am	.	.	.	SE	3	.	.	.	.	.
"	—	.	.	.	.	.	Mesaba	" " "	.	.	29.81	.	.	.	.	.	.	.
"	May 4th 4am	.	.	29.55	.	.	Cameronia	" " "	.	.	29.61	.	.	.	.	.	.	.
"	—	.	.	.	.	.	Montreal	" " 7am	.	.	.	SE	.	.	.	.	.	.
6th	May 5th 3pm	.	11	29.87	.	.	Carmania	" 5th 6pm	.	.	29.89	.	.	.	.	.	.	.
"	—	.	.	.	.	.	California	" " 7am	.	.	29.79	.	.	.	.	.	.	.
"	May 5th 4am	48	.	.	.	.	Menominee	" " "	48	.	.	.	.	.	.	.	.	.
7th	" 6th 3pm	.	.	29.63	.	.	Carmania	" 6th 6pm	.	.	29.62	.	.	.	.	.	.	.
"	" " 4am	53	20	29.34	SSW	4-5	California	May 6th 7am	52	21	29.30	SSW	6-7	f	.	.	.	.
"	" " 3pm	52	23	29.16	SSW	8-9	do.	" " 6pm	51	24	29.23	SW	6-7	r	.	.	.	.
"	" " "	50	16	29.66	SSW	6-7	Carmania not California	" " "	49	17	29.62	SSW	6-7	c	.	.	.	.
"	—	.	.	.	.	.	Laconia	" " "	.	.	29.49	.	.	.	.	.	.	.
8th	—	.	.	.	.	.	do.	" 7th "	.	.	29.99	.	.	.	.	.	.	.
9th	May 9th 4am	.	.	30.38	.	.	Lake Erie	—	.	.	.	.	.	.	.	.	.	.
"	" 8th 3pm	51	16	.	.	.	do do	May 8th 6pm	51	.	.	.	.	.	.	.	.	.
12th	" 12th 9am	.	.	29.80	.	.	Cameronia	" 12th 7am	.	.	29.93	.	.	.	.	.	.	.
13th	" " 3pm	.	.	.	N	.	Cymric	" " 6pm	.	.	.	N	.	.	.	.	.	.
"	—	.	.	.	.	.	Minnetonka	" " 7am	48	.	.	.	.	.	.	.	.	.
16th.	May 16th 4am	.	11	.	.	.	Arabic	" 16th "	.	10	.	.	.	.	.	.	.	.
"	" 15th 3pm	51	.	.	.	.	Laconia	" 15th 6pm	51	.	.	.	.	.	.	.	.	.
"	" " 4am	.	16	.	.	.	Arabic	" " 7am	.	15	.	.	.	.	.	.	.	.
17th.	—	.	.	.	.	.	Baltic	" 17th "	.	.	30.19	.	.	.	.	.	.	.
"	—	.	.	.	.	.	do	" 16th 6pm	50	15	30.31	.	.	.	.	.	.	.
"	May 16th 4am	.	.	30.30	.	.	Sicilian	" " 7am	.	.	30.30	.	.	.	.	.	.	.
"	—	.	.	.	.	.	Baltic	" " "	.	.	.	NW	3	.	.	.	.	.
18th	—	.	.	.	.	.	Sicilian	" 17th 1pm	.	11	.	.	.	.	.	.	.	.
"	—	.	.	.	.	.	do.	" " 7am	.	.	.	.	5	.	.	.	.	.
19th	—	.	.	.	.	.	Columbia	" 18th 6pm	.	15	.	.	.	.	.	.	.	.
"	—	.	.	.	.	.	Olympic	" " 7am	.	.	30.05	ENE	3	bc	.	.	.	.
"	May 18th 4am	.	22	.	.	.	Columbia	—	.	.	.	.	.	.	.	.	.	.
"	—	.	.	.	.	.	Minnehaha	May 18th 7am	.	.	.	.	6-7	.	.	.	.	.
20th	May 19th 4am	.	17	.	.	.	Montezuma	—	.	.	.	.	.	.	.	.	.	.
22nd	" 21st "	.	.	29.73	.	.	Minnetonka	May 21st 7am	.	.	29.85	.	.	.	.	.	.	.
"	—	.	.	.	.	.	Zeeland	" " "	.	.	29.65	.	.	.	.	.	.	.
24th	May 24th 4am	.	.	.	WSW	.	Cedric	" 24th "	.	.	.	WSW	.	.	.	.	.	.
25th	" 25th "	.	.	30.25	.	.	Carmania	" 25th "	.	.	30.30	.	.	.	.	.	.	.
"	" " "	.	14	.	.	.	Baltic	—	.	.	.	.	.	.	.	.	.	.
"	" 24th 3pm	.	.	30.06	.	.	Carmania	May 24th 6pm	.	.	30.12	.	.	.	.	.	.	.
"	" " "	.	22	.	.	.	Lapland	—	.	.	.	.	.	.	.	.	.	.
"	" " 4am	.	.	?30.24	.	.	Empress of Ireland	May 24th 7am	.	.	?30.28	.	.	.	.	.	.	.
"	—	.	.	.	.	.	Oceanic	" " "	.	.	.	.	.	op	.	.	.	.
"	May 24th 4am	.	.	29.83	.	.	Carmania	" " "	.	.	29.97	.	.	.	.	.	.	.
26th.	" 26th "	48	11	.	.	5	Minnewaska	—	.	.	.	.	.	.	.	.	.	.
"	" 25th 3pm	47	16	.	.	.	do	May 25th 6pm	47	15	.	.	.	.	.	.	.	.
"	" " "	.	.	30.37	.	.	Carmania	" " "	.	.	30.37	.	.	.	.	.	.	.
27th	" 26th "	.	11	30.07	.	.	Philadelphia	" " "	.	.	30.06	.	.	.	.	.	.	.
"	—	.	.	.	.	.	Mount Royal	" " 7am	.	21	.	.	.	r	.	.	.	.
31st	May 31st 4am	.	.	.	NNW	.	Celtic	" 31st "	.	.	.	NNW	.	.	.	.	.	.
"	" " "	.	13	.	.	.	Olympic	—	.	.	.	.	.	.	.	.	.	.
"	" 30th 3pm	.	.	29.92	.	.	Victorian	—	.	.	.	.	.	.	.	.	.	.
"	" " 4am	54	21	.	.	.	do	May 30th 7am	54	.	.	.	.	.	.	.	.	.
"	" " "	51	.	.	.	.	Montreal	" " "	51	.	.	.	.	.	.	.	.	.