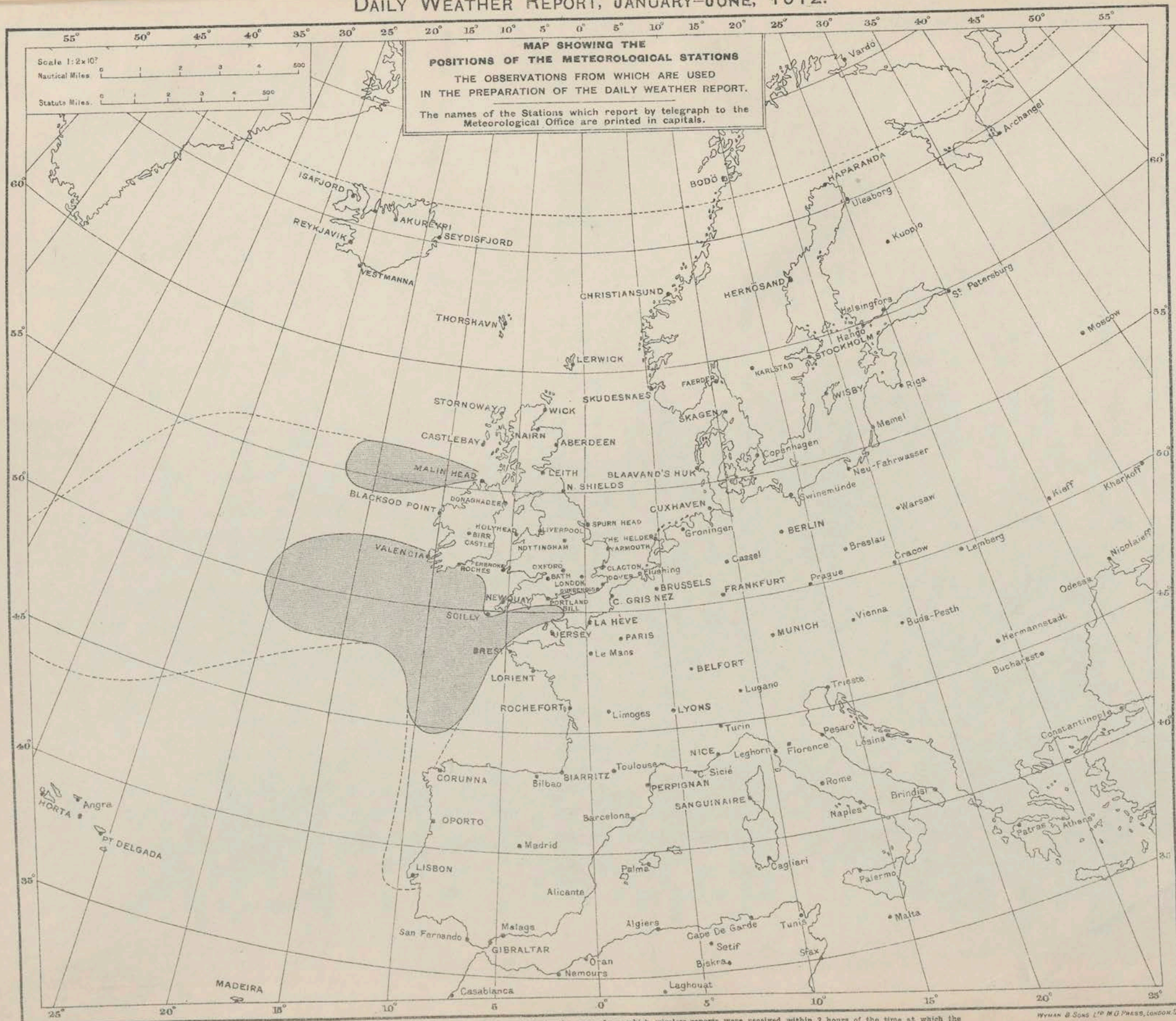


METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY TO 30TH JUNE 1912.

DAILY WEATHER REPORT, JANUARY-JUNE, 1912.



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.)

JANUARY.	STATIONS.	PRESSURE. 1906-1910. 7 a.m. Observations (reduced to M.S. Level and to Lat. 45°).	AIR TEMPERATURE.								RAINFALL. 1876-1910.		BRIGHT SUNSHINE. 1881-1910.	
			Means of				Absolute Extremes.							
			1906-1910.		1876-1910.		1876-1910.							
			Dry Bulb 7 a.m.	Wet Bulb 7 a.m.	Daily Maximum.	Daily Minimum.	Maximum.		Minimum.					
						Temp.	Year.	Temp.	Year.	Days with Rain.	Total Fall.	Average Duration.	Per Cent- age of Possible Duration.	
		In.									In.	Hr.	%	
	Sumburgh Head.....	29.686	39.1	37.8	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
	Castellbay (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	1888	23	1894	22	2.74	—	—
	Blackod 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	2.07	60	23
	Jersey (St. Aubin's).....	30.170	42.7	40.9	46.3	38.4	57	1877, 99	12	1891	20	2.92	89	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, 96	11	1893	16	1.82	—	—
	Dover.....	[30.002]++	[37.2]++	[36.1]++	[43.1]++	[33.1]++	[53]++	[1908]++	[17]++	[1910]++	[14]++	[1.92]++	[84]++	[38]++
	Wick.....	29.763	37.3	36.1	42.4	33.0	60	1898	—	1881	21	2.42	—	—
	Nairn.....	29.811	37.5	36.1	42.6	31.9	59	1887	4	1910	18	1.98	[47]**	[21]**
	Aberdeen.....	29.857	36.7	35.2	42.1	33.0	59	1898	4	1881	18	2.09	51	23
	Leith.....	29.901	39.5	37.6	44.0	33.8	58	1898	9	1881	15	1.73	—	—
	North Shields.....	29.951	38.2	37.0	43.3	33.5	58	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	—	—
	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]†	[1.56]†	22	9
	LONDON { Kew.....	30.110	38.0	36.3	42.8	34.2	56	1877, 1910	9	1881	15	1.70	44	17
	Sumburgh Head.....	29.603	37.9	36.5	41.8	34.2	53	1910	17	1895	22	2.98	—	—
	Stornoway.....	29.680	38.5	37.5	43.8	34.0	55	1891	12	1892	22	4.28	60	23
	Castellbay (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]†	—	—
	Blackod 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	41.0	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	2.81	—	—
	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	2.67	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.....	29.860	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.....	29.933	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	6	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
	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
	Castellbay (Barra Isd.)..	[29.796]++	[41.0]++	[39.3]++	[45.0]++	[37.2]++	[50]++	[1908]++	[28]++	[1909]++	[21]++	[2.47]++	[102]++	[28]++
	Malin Head.....	29.850	40.5	39.5	45.9	37.1	59	1894	25	1906	[20]†	[2.35]†	—	—
	Blackod Point.....	29.904	43.0	41.3	47.9	38.7	[64]†	[1894, 99]†	[20]†	[1891, 00, 09]†	[24]†	[4.00]†	—	—
	Valencia.....	29.957	43.4	41.4	50.4	39.8	66	1899, 01	26	1899, 01	21	4.23	124	34
	Roche's Point.....	29.964	42.4	41.4	49.4	39.3	61	1899	27	1899	16	3.02	—	—
	Birr Castle.....	29.937	39.2	38.3	49.3	34.6	66	1894	18	1891	17	2.41	110	30
	Donaghadee.....	29.912	39.8	38.7	47.2	36.5	61	1892	25	1892, 96	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, 99	17	2.36	1	

DAILY WEATHER REPORT. APPENDIX I.

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

SECOND QUARTER, APRIL TO JUNE.

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

APRIL.

MAY.

JUNE.

STATIONS.	PRESSURE. 1906-1910.	AIR TEMPERATURE.								RAINFALL. 1876-1910.		BRIGHT SUNSHINE. 1881-1910.		
		Means of				Absolute Extremes.								
		1906-1910.		1876-1910.		1876-1910.								
		7 a.m. Obser- vations (re- duced to M.S. Level and to Lat. 45°).	Dry Bulb 7 a.m.	Wet Bulb 7 a.m.	Daily Maxi- mum.	Daily Mini- mum.	Maximum.		Minimum.		Days with Rain.	Total Fall.	Average Duration.	Per Cen- tage of Possible Duration.
							Temp.	Year.	Temp.	Year.				
	In.											In.	Hr.	%
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	87	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	37.7	67	1900	21	1908	19	1.90	—	—	—
Blackod Point.....	29.914	45.0	43.0	51.4	41.9	71	1893	20	1897	20	2.95	—	—	—
Valencia.....	29.955	44.9	43.0	53.4	42.5	70	1892	30	1879, 92, 97, 98, 00	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.....	29.889	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	16	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]++	14	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	—
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]++	—	—	—
Blackod 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]++	[1906, 10]++	[12]++	[1.76]++	[250]++	[52]++	—
Wick.....	29.897	45.8	43.6	53.8	40.6	71	1891	21	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	[76]*	[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	1.58	[231]++	[48]++	—
Nottingham.....	29.953	49.7	48.0	60.2	42.8	82	1895	25	1879	16	1.74	[174]++	[36]++	—
Bath.....	29.973	50.9	48.6	61.2	43.8	[79]++	[1884, 1909]++	[29]++	[1902]++	13	2.03	211	44	—
Oxford.....	29.978	51.9	49.0	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	—
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]++	[44]++	—
Malin Head.....	29.847	51.5	50.3	[58.8]++	[49.8]++	[78]++	[1905]++	[40]++	[1902, 07]++	[16]++	[2.16]++	—	—	—
Blackod 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	49.7	85	1887	32	1881	15	2.45	165	33	—
Donaghadee.....	29.985	51.4	49.3	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	[188]++	[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								

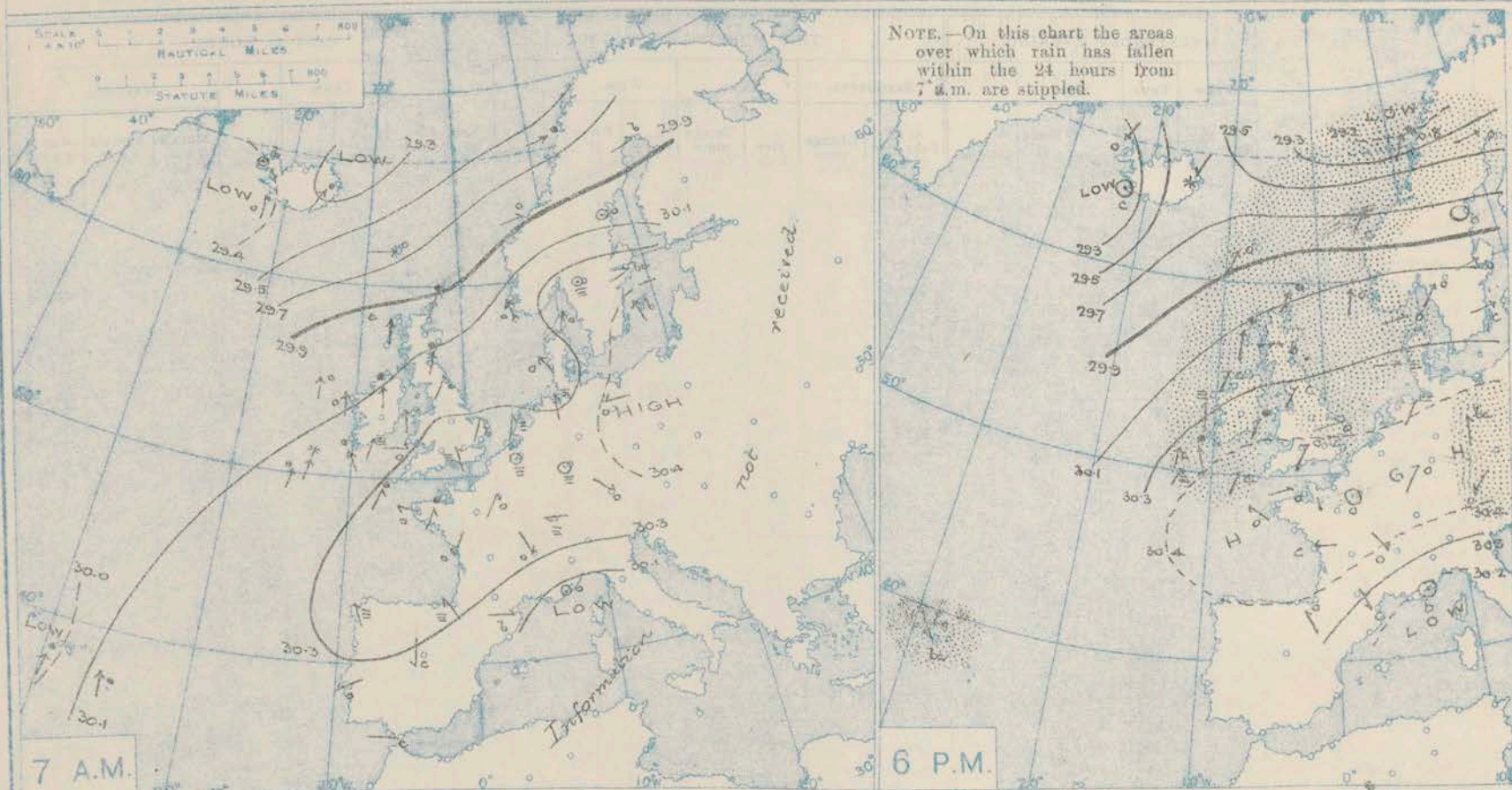
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday

1st January, 1912.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.											PAST 24 HOURS.						
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain-fall.	TEMP.		Sun-shine.	WEATHER.						
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Weather.			Max.	Min.		Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Nigh' 6 p.m. to 7 a.m.				
BRITISH ISLANDS.	Lerwick	30.02	48	SW	6	r	29.93	-0.04	50	+3	SW	6	4	0.25	50	46	0	bcn	bcn	org				
	Stornoway	30.12	48	SSW	6	adg	30.02	-0.01	50	+3	SW	6	5	0.18	51	46	0.0	c. adg	adg	adg				
	Castlebay (Barra Isd.)	30.15	47	S	3	dm	30.13	-0.01	49	+1	WSW	4	4	0.07	50	46	0.0	adg	adg	adg				
	Mahe Head...	30.19	48	SW	3	c	30.19	-0.00	50	+6	SW	3	2	0.12	52	43	0	adg	adg	adg				
	Blacksod Point	30.22	50	S	3	f	30.25	+0.01	49	-1	S	6	4	0.09	51	48	0	adg	adg	adg				
	Valencia	30.33	51	SSE	3	md	30.38	+0.01	48	-1	S	2	4	0.10	53	48	0.0	adg	adg	adg				
	Roche's Point	30.39	49	SSW	1	o	30.43	0	48	+2	W	1	2	0.03	49	46	0	f.m	f.m	f.o				
	Birr Castle	30.30	51	SW	2	o	30.33	0	50	+7	SW	2	0	0.10	52	43	0.0	cp	o	o				
	Donaghadee	30.29	47	SW	3	o	30.30	0.00	50	+7	SSW	1	0	0.13	50	42	0	cmp	o	adg				
	Liverpool Obsy.	30.36	44	SSE	1	c	30.40	-0.01	47	+2	S	2	2	0.04	49	34	1.8	bcn	c	bc				
	Holyhead	30.34	48	SW	3	adg	30.39	+0.02	49	+3	SW	3	2	0.03	49	46	0	adg	adg	adg				
	Pembroke (St. Ann's Hd.)	30.41	48	SW	3	o	30.46	+0.01	48	+0	WSW	3	3	0.01	50	46	0.0	adg	adg	adg				
	Newquay	30.48	48	SSW	1	o	30.49	0	48	+4	SW	1	0	0.02	51	45	0.1	o.c	c	c				
	Scilly (St. Mary's)	30.42	49	SW	2	cm	30.48	+0.01	48	-2	S	1	0	0.01	51	47	0.0	cm	cm	cm				
	Jersey (St. Aubin)	30.46	50	WSW	3	o	30.46	0	49	+1	WSW	3	3	0.01	51	46	0.0	o	cm	cm				
	Portland Bill	30.42	50	SSW	1	c	30.49	+0.01	49	0	W	3	3	0.01	51	49	0.0	of	of	of				
	Dungeness	30.39	47	SW	2	bc	30.44	+0.01	46	+5	SW	3	3	0.01	49	46	1.0	f. bc	bc	bc				
	Dover	30.42	45	SW	1	o	30.43	0	45	+8	W	1	2	0.01	46	36	0.0	f. bc	bc	bc				
	Wick	30.13	43	SW	3	b	30.02	+0.02	49	+4	SW	3	2	0.08	50	42	0	c. bc	bc	bc				
	Nairn	30.17	46	W	2	b	30.07	0	52	+7	WSW	3	1	0.01	52	44	5.3	b	b	b				
	Aberdeen	30.22	39	W	1	b	30.14	-0.03	46	+2	S	2	0	0.04	46	35	3.0	c. bc	bc	bc				
	Leith	30.27	45	W	1	o	30.23	-0.01	53	+6	W	3	0	0.01	53	45	0	op	o	o				
	North Shields	30.29	46	SW	2	c	30.31	+0.02	44	+4	SW	2	2	0.02	48	37	0	op	o	o				
	Spurn Head	30.32	42	SW	4	r	30.36	0.00	45	+6	WSW	3	3	0.03	45	36	0	cm	cm	cm				
Yarmouth	30.37	40	WSW	2	of	30.40	+0.01	42	+10	WSW	1	0	0.01	42	32	0.0	bc	of	cm					
Clacton-on-Sea	30.39	44	W	2	m	30.43	0.00	42	+6	WSW	1	0	0.01	44	36	0.0	of	cm	cm					
Nottingham	30.36	41	W	1	o	30.40	0	45	+11	SW	2	0	0.01	45	33	0.0	cm	cm	cm					
Bath	30.41	44	W	1	o	30.48	0	49	+5	W	2	0	0.01	51	44	0.2	o	o	o					
Oxford	30.44	48	WSW	3	o	30.48	0	46	+5	W	2	0	0.01	49	41	0	od	o	o					
London (Kew Obsy.)	30.42	47	SW	2	o	30.47	+0.02	45	+1	SW	1	0	0.01	47	43	0.0	c. cm	cm	cm					
ICELAND & FAEROE.	Isafjord...	29.28	32	NE	11	o	29.26	-0.00	29	+3	0	0	0	0	0	0	0	0	0	0				
	Reykjavik	29.24	37	0	0	c	29.27	+0.01	36	+1	E	3	0	0	0	0	0	0	0	0				
	Seydisfjord	29.54	34	NE	1	s	29.55	+0.01	41	+3	SW	3	0	0	0	0	0	0	0	0				
	Thorshavn	29.85	45	SW	6	o	29.85	-0.05	49	+2	SW	5	0	0	0	0	0	0	0	0				
SCANDINAVIA.	Haparanda	29.47	32	WSW	6	o	29.41	+0.03	28	+1	W	4	0	0.04	34	25	0	0	0	0				
	Hernösand	29.76	28	0	0	o	29.74	+0.06	42	+19	W	2	0	0	0	0	0	0	0	0				
	Stockholm	30.13	30	WSW	4	o	30.00	-0.00	35	+15	W	2	0	0	0	0	0	0	0	0				
	Wisby	30.28	37	WSW	6	c	30.10	-0.02	39	+11	WSW	6	0	0	0	0	0	0	0	0				
	Karlstad	30.11	35	SW	6	o	30.07	0.00	35	+18	W	4	0	0	0	0	0	0	0	0				
	Færder (X'ania Fjord)	30.14	37	WSW	4	c	30.08	+0.01	39	+7	WSW	4	0	0.03	39	32	0	0	0	0				
	Bodö	29.19	38	SW	4	r	29.55	+0.05	41	-1	SW	5	0	0.79	42	37	0	0	0	0				
	Christiansund	29.76	47	SW	9	c	29.82	-0.05	46	+4	SW	4	0	0.32	47	34	0	0	0	0				
	Skudesnaes	30.21	43	SSW	4	o	30.18	-0.03	41	+2	S	4	0	0.04	43	37	0	0	0	0				
The Scau (Skagen)	30.15	36	WSW	3	o	30.17	0	42	+5	WNW	5	0	0.06	43	36	0	0	0	0					
Blaavands Huk	30.32	41	W	2	m	30.33	+0.01	42	+4	WSW	2	0	0.04	43	37	0	0	0	0					
GERMANY, &c.	Cuxhaven	30.38	40	SW	2	f	30.37	+0.01	40	0	SW	1	0	0	0	0	0	0	0	0				
	The Helder	30.47	42	W	1	o	30.46	+0.02	48	+1	WSW	1	0	0	0	0	0	0	0	0				
	Brussels	30.46	30	S	3	bc	30.36	+0.01	34	+3	SW	1	0	0.04	45	28	0	0	0	0				
	Berlin	30.43	43	SW	1	o	30.44	+0.04	40	+2	0	0	0	0	0	0	0	0	0	0				
	Frankfurt	30.48	36	ENE	2	o	30.50	+0.01	33	-5	NW	2	0	0.04	39	32	0	0	0	0				
FRANCE.	Munich	30.48	36	ENE	2	o	30.50	+0.01	33	-5	NW	2	0	0.04	39	32	0	0	0	0				
	C. Gris Nez	30.45	45	SW	3	f	30.46	+0.02	47	+4	W	3	0	0.04	48	43	0	0	0	0				
	La Hève	?	45	ENE	1	f	?	0	48	+3	W	2	0	0	0	0	0	0	0	0				
	Brest (St. Mathieu)	30.48	48	SE	1	o	30.56	+0.02	46	0	ESE	2	0	0	0	0	0	0	0	0				
	Lorient (Bec Melen)	?	47	SSE	1	o	30.49	0	48	0	ESE	1	0	0	0	0	0	0	0	0				
	Rochefort (Ile d' Aix)	30.42	44	E	3	c	30.43	0	39	-2	E	3	0	0	0	0	0	0	0	0				
	Biarritz	30.40	45	SE	2	o	30.44	0	42	+5	E	3	0	0	0	0	0	0	0	0				
Paris	30.45	44	0	0	o	30.52	+0.02	38	-5	WSW	1	0	0	0	0	0	0	0	0					
Belfort	30.44	38	ENE	4	m	30.56	0	32	-4	E	2	0	0	0	0	0	0	0	0					
Lyons	30.39	42	WNW	3	o	30.50	0	36	-1	WNW	2	0	0	0	0	0	0	0	0					
Nice	30.17	53	0	0	b	30.33	0.00	45	-2	0	0	0	0	0	0	0	0	0	0					
Perpignan	30.23	50	NW	3	b	30.39	+0.01	37	-14	NW	2	0	0	0	0	0	0	0	0	0				
Sanguinaire																								
SPAIN, PORTUGAL, &c.	Corunna																							
	Lisbon (8 a.m. local)																							
	Gibraltar	30.09	58	NW	2	bc	30.09	0	56	-2	E	2	0	0	0	0	0	0	0	0				
	Azores (P. Delgada)																							
Azores (Horta)	29.45	62	SSW	4	r	29.40	+0.01	57	-2	0	0	0	0	0	0	0	0	0	0</					

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° and upwards in several parts of the United Kingdom, and to 56° at Torquay and Brighton. Little or no bright sunshine was recorded over the country generally, but more than 5 hours were registered at

Wain. Slight rain fell at several of our western and northern stations. Wireless reports show that as far west as the 19th meridian ships experienced moderate to fresh breezes from South and South West, and cloudy, misty weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON Monday.

TO NOON Tuesday.

0 } S.W. winds, strong or high; mild,
b } squally, occasional rain.

1 } S.W. winds, light; fair; mild.
2 } a }
b }

3 } Light breezes, chiefly from the S.W. or
4 } S.W.; mild; cloudy, mist or fog
b } locally.
5 }

FORECAST DISTRICTS.



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

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

No warnings issued.

6 } S. and S.W. winds, strong in places; mild,
b } unsettled, some rain.

7 } a } S. and S.W. winds, light or moderate;
b } mild; cloudy, misty, slight rain
in places.

8 } a }
b } Same as No. 6 a.
9 } a }
b }

10 } a } Same as Nos. 7 and 8.
b }

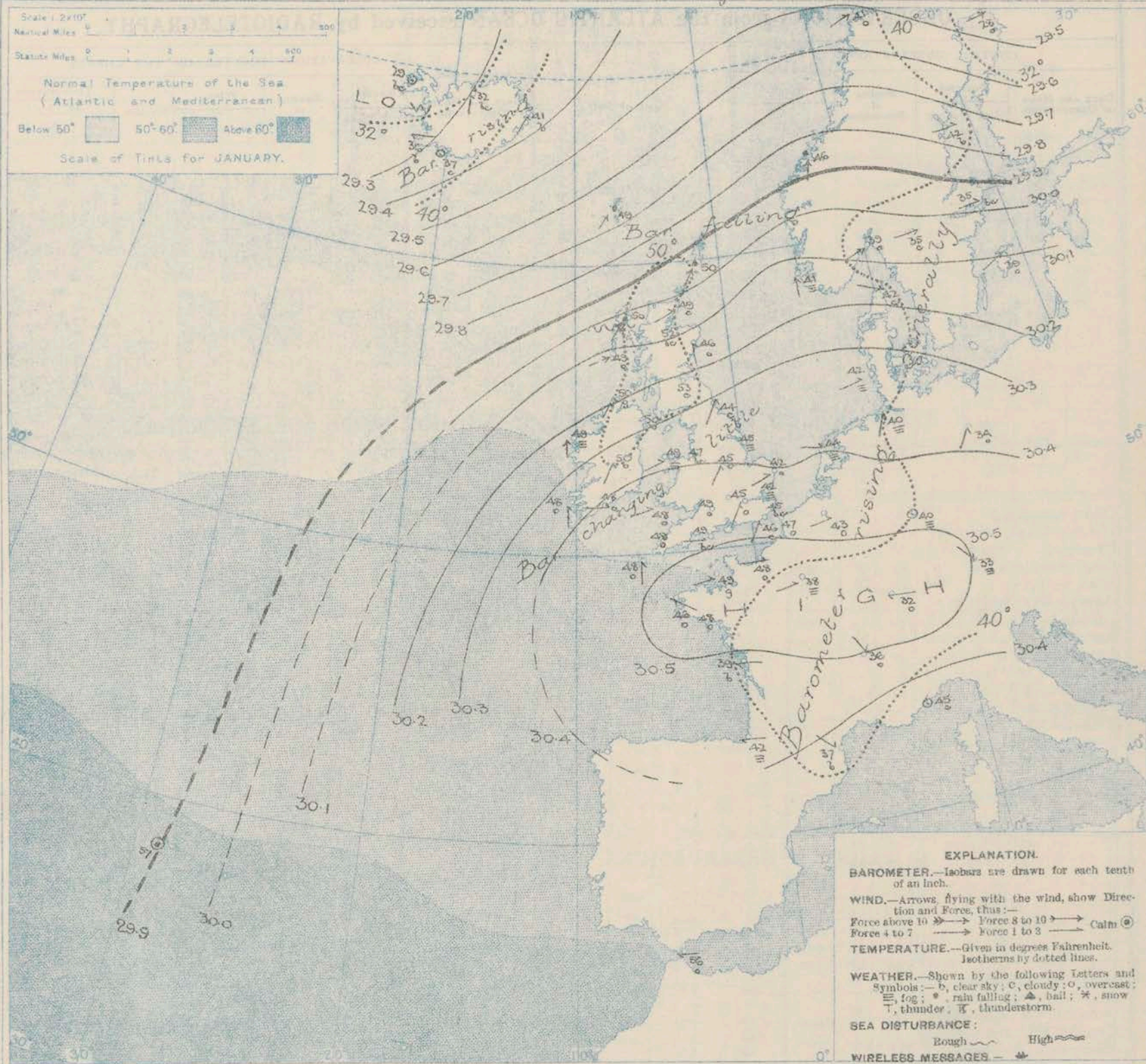
11 WESTERN CHANNEL AND BAY.

Light S.W. breezes mostly Channel, variable or E. breezes Bay; sea slight to moderate; fair generally, misty or foggy in places.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Monday 1st

JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large anticyclone still lies over all the more northern parts of our area of observation, the highest pressures being at present found over France and South Germany. A depression lies over Iceland, and between the Faeroe and the north of Scotland the barometric gradient is rather steep.

Westerly and South-Westerly winds continue to prevail over the United Kingdom and the neighbouring portions of the Continent, and blow strongly in Shetland and the Hebrides. On the west of France the wind is light from the Eastward.

Temperature has risen over the United Kingdom and the northern parts of the Continent, but fallen in France and South Germany. At the home stations the morning readings are mostly above 45°, and in some parts of Scotland the thermometer is above 50°. In Germany and central France the readings range between 32° and 40°. The weather is cloudy or overcast generally, with rain in Shetland, the Hebrides and the Faeroe as well as at Christiansund. Mist is reported over a large portion of England, and fog at several continental stations. The sea is slight or smooth generally, but rather rough in the Channel.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS

The weather over England is likely to remain for the present under the influence of the Continental anticyclone. On our extreme north and north-west coasts the

conditions will be influenced by depressions moving over the Atlantic. These systems will cause a continuance of mild S.W. breezes over the United Kingdom generally.

DAILY WEATHER REPORT.

Monday 1st January 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.	Wet Bulb.	Sea.	
	"	"	In.						In.				"	"	"		
31st Dec. 1911 3pm	50	10	30.35	SSW	4-5	<u>Minnelunda</u>	31st Dec. 1911 6pm	50	11	30.35	SW	4-5	m	-	-	-	
do. 3pm	50	11	30.31	SSW	4-5	<u>Monfort</u>	do. 6pm	50	10	30.39	SSW	4-5	o	-	-	-	
do. 3pm	51	10	30.32	SSW	1-3	<u>Baltic</u>	do. 6pm	51	11	30.32	SSW	4-5	c	-	-	-	
do. 4am	51	11	30.28	S	4-5	<u>Sancti Spiritus</u>	do. 7am	51	13	30.21	SSW	4-5	?	-	-	-	
do. 4am	50	18	30.07	SSW	4-5	<u>Monfort</u>	do. 7am	50	14	30.16	SSW	4-5	o	-	-	-	
do. 4am	55	12	?	S	4-5	<u>California</u>	do. 7am	55	11	?	S	4-5	o	-	-	-	
do. 4am	50	18	30.00	SSW	1-3	<u>Monfort</u>	do. 7am	50	19	29.95	SSW	4-5	m	-	-	-	
do. 4am	51	20	29.91	SSW	4-5	<u>Staverford</u>	do. 7am	51	21	29.83	S	6-7	o	-	-	-	

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.				Hrs.	In.	Brighton, to 6 p.m.	47	?	*	Hrs.	In.
Dublin (City), to 4 p.m.	52	38	f. fog. c. c.	*	-	Seaford, to 6 p.m.	48	45	*	0.0	0.01
Blackpool, to 9 p.m.	42	34	c	0.0	0.02	Eastbourne, to 6 p.m.	51	46	*	0.0	0.01
Southport, to 9 p.m.	42	33	f. bc. od	0.0	0.11	Bexhill-on-Sea, to 9 p.m.	48	46	f. m.	0.0	0.01
Rhyl, to 6 p.m.	51	36	bc. o. c.	1.8	-	Hastings	*	*	*	0.1	*
Colwyn Bay, to 6 p.m.	51	38	o	1.5	-	Folkestone, to 6 p.m.	50	42	bc. bc. c.	0.4	-
Llandudno, to 9 p.m.	50	39	bc. c.	1.6	-	Deal, to 6 p.m.	47	34	cf. bc. f. c.	0.1	-
Bettws-y-Coed, to 6 p.m.				*	*	Ramsgate, to 6 p.m.	*	*	*	0.5	-
Aberystwyth, to 6 p.m.	48	36	*	0.0	0.02	Margate, to 6 p.m.	45	39	f. m.	0.5	0.01
Plymouth, to 9 p.m.						Felixstowe, to 6 p.m.			*		
Paignton, to 6 p.m.	56	49	o. bc. bc.	1.9	0.01	Lowestoft, to 6 p.m.	44	33	c. om	0.0	-
Torquay, to 6 p.m.	56	42	*	1.6	-	Skegness, to 6 p.m.	41	33	f. c.	0.0	-
Teignmouth, to 9 p.m.	55	47	m. c. bc.	1.2	-	Scarborough, to 9 p.m.	48	37	f. c.	0.0	-
Weymouth, to 6 p.m.	51	48	om. o.	0.0	0.04	Harrogate, to 6 p.m.	45	38	bc. bc. c.	0.0	-
Bournemouth, to 6 p.m.	49	41	of	0.0	0.02	Buxton, to 6 p.m.	43	31	bc.	1.2	-
Southsea, to 6 p.m.	50	44	*	0.0	-	Darwen, to 9 p.m.					
Worthing, to 6 p.m.	47	45	m.	0.0	-	Manchester, to 9 p.m.					
						Birmingham, to 9 p.m.	43	32	r. o. c.	0.1	0.02

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.				
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				1st & 2nd Jan. 1912.	Sunrise	Noon	Sunset	
24 HOURS ENDED AT 9 A.M. TO-DAY.												
Greenwich (Royal Obsy.) ...	%	%	47	43	o	In.	Hrs.	Yarmouth {	G.M.T.	G.M.T.	G.M.T.	
City (Banhill Row)	*	*	*	*	*	*	0.3		8.6	11.57	3.48	
Westminster (St. James's Pk.)	94	95	48	44	om	-	0.6		8.6	11.57	3.48	
Camden Sq. (Brit. Rainfall)	-	95	48	44	o. c. agm	-	0.0		8.8	12.4	4.0	
Hampstead (Reservoir) ...	*	90	45	43	o. om	-	0.0	0.0	Greenwich {	8.8	12.4	4.0
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Wick {	9.5	12.16	3.23	
South Kensington ...	*	*	51	42	o. c. o	-	0.0		9.5	12.16	3.23	
" (Roof of M.O.)	-	84	50	43					8.51	12.45	4.38	
									8.51	12.45	4.38	

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	In.				Rome	In.			
Marseilles					Vienna				
Malta	Information not received.				Utrecht	Information 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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. drizzle, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday
2nd January 1912.

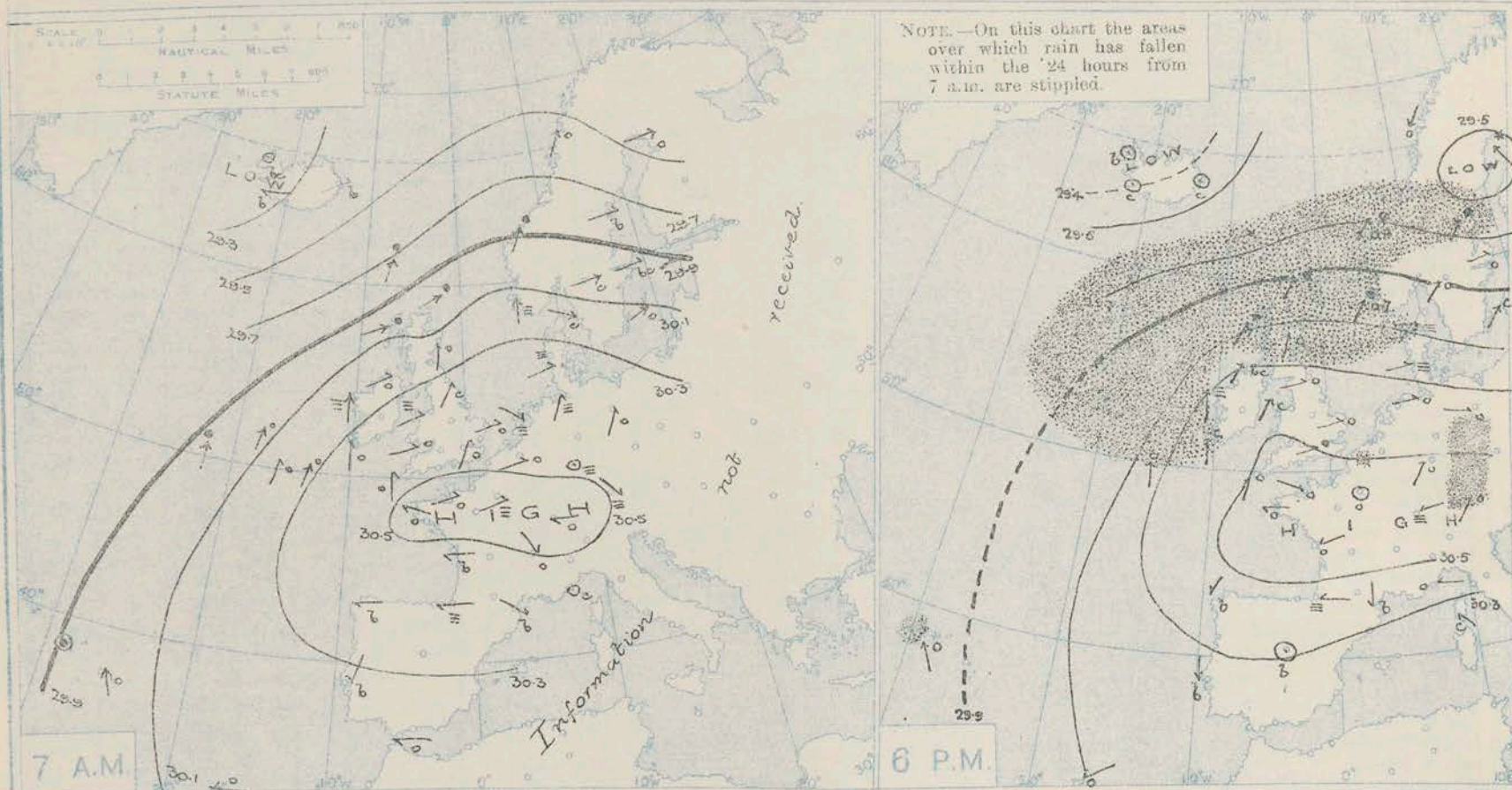
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					
	Barom.	Temp.	Wind.	Force	Weather.	Barometer.	Temp.	Wind.	Force	Weather.	Sea	Rain-fall.	Temp.		Sun-shine.	Weather.			Mora's 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	(0 to 12).		At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.		(0 to 12).		Max.	Min.							
BRITISH ISLANDS.	Lerwick ...	29.90	49	SW	7	r															
	Stornoway ...	30.05	51	SW	5	o															
	Castlebay (Barra Isd.)	30.16	51	SW	5	r															
	Malin Head...	30.25	49	SW	3	bc															
	Blacksod Point ...	30.30	49	S	6	m															
	Valencia ...	30.41	48	S	4	c															
	Roche's Point ...	30.46	46	SW	2	d															
	Birr Castle ...	30.40	43	SW	2	bc															
	Donaghadee ...	30.37	48	SSW	1	og															
	Liverpool Obsy. ...	30.44	46	SSW	2	c															
	Holyhead ...	30.43	47	SW	4	cm															
	Pembroke (St. Ann's Hd.)	30.51	48	SSW	3	o															
	Newquay ...	30.51	47	SSE	1	o															
	Scilly (St. Mary's) ...	30.50	50	SSW	2	ogm															
	Jersey (St. Aubin) ...	30.55	50	WNW	2	ogm															
	Portland Bill ...	30.53	49	W	2	b															
	Dungeness ...	30.47	49	WSW	2	f															
	Dover ...	30.48	46	-	0	m															
	Wick ...	30.04	52	SW	4	o															
	Nairn ...	30.10	52	W	3	o															
	Aberdeen ...	30.16	53	SSW	5	c															
	Leith ...	30.25	52	W	2	r															
	North Shields ...	30.33	51	WSW	2	o															
	Spurn Head ...	30.40	47	WSW	3	m															
	Yarmouth ...	30.43	46	WSW	2	of															
	Clacton-on-Sea ...	30.46	46	WSW	1	m															
	Nottingham ...	30.43	44	WSW	3	o															
	Bath ...	30.51	47	W	2	o															
	Oxford ...	30.51	46	SW	2	o															
	London (Kew Obsy.)...	30.49	49	WSW	1	odm															
ICELAND & FAEROE.	Isafjord ...	29.37	35	-	0	b															
	Reykjavik ...	29.40	35	-	0	c															
	Seydisfjord ...	29.42	33	-	0	c															
	Thorshavn ...	29.67	47	WSW	5	o															
	Haparanda ...	29.49	21	SE	4	s															
SCANDINAVIA.	Hernösand ...	29.51	43	SW	2	r															
	Stockholm ...	29.82	36	WSW	2	o															
	Wisby ...	29.96	40	SW	6	c															
	Karlstad ...	29.85	41	SW	4	o															
	Færder (X'iania Fjord)	29.89	40	SW	5	o															
	Bodö ...	29.59	20	NE	4	o															
	Christiansund ...	29.66	47	SW	9	r															
	Skudesnaes ...	30.04	45	SW	4	r															
	The Scaw (Skagen)...	30.00	45	W	5	m															
	Blaavands Huk ...	30.25	43	WSW	2	f															
GERMANY, &c.	Cuxhaven ...	30.36	41	WSW	3	o															
	The Helder ...	30.43	45	SW	2	bc															
	Brussels ...	30.50	42	SW	1	f															
	Berlin ...	30.41	41	W	1	o															
	Frankfurt ...	30.52	42	SW	1	o															
FRANCE.	Munich ...	30.53	36	SW	3	o															
	C. Gris Nez ...	30.49	47	W	2	o															
	La Hève ...	30.53	47	WNW	2	o															
	Brest (St. Mathieu)...	30.59	50	ESE	1	o															
	Lorient (Bec Melen)...	30.52	40	ENE	3	o															
	Rochefort (Ile d'Aix)	30.47	43	E	2	m															
	Biarritz ...	30.47	43	E	2	m															
	Paris ...	30.54	44	SSW	1	o															
	Belfort ...	30.52	38	ENE	3	m															
	Lyons ...	30.51	37	NNW	1	b															
SPAIN, PORTUGAL, &c.	Nice ...	30.36	46	E	2	o															
	Perpignan ...	30.38	46	N	1	b															
	Sanguinaire ...	30.26	52	SE	2	c															
	Corunna ...	30.38	54	NE	2	b															
	Lisbon (8 a.m. local)...	30.26	50	N	4	b															
PORTUGAL, &c.	Gibraltar ...	30.06	54	SE	4	bc															
	Azores (P. Delgada) (6 a.m. local).	29.79	62	SSE	5	o															
	Azores (Horta) ...	29.79	62	SSE	5	o															
the ers.	Madeira (Funchal) ...	30.11	59	ENE	3	o															
	Madeira (Funchal) ...	30.11	59	ENE	3	o															

* Information for these columns not usually received.

† Received too late for insertion in Charts.

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° and upwards in nearly all parts of the United Kingdom, and to 56° at Leith. The amount of bright sunshine varied considerably in different districts; on the coasts of Devon and Dorset it ranged between

5 and 7 hours. Rain fell on our extreme western and northern coasts. Wireless reports show that as far west as the 22nd meridian ships experienced fresh to strong southerly winds, and dull weather, with rain in places.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON Tuesday TO NOON Wednesday.

0 { $W^{\frac{1}{2}}$ to $SW^{\frac{1}{2}}$ winds, strong in places; fair at first, some rain later; continuing mild.

1 { $SW^{\frac{1}{2}}$ winds, light or moderate; fair; mild.

2 { $SW^{\frac{1}{2}}$ winds, light or moderate; fair; mild.

3 { Light $W^{\frac{1}{2}}$ and $SW^{\frac{1}{2}}$ breezes; fair generally, but misty in places; temperature continuing above the normal.

4 { $SW^{\frac{1}{2}}$ winds, light or moderate; fair; mild.

5 { $SW^{\frac{1}{2}}$ winds, light or moderate; fair; mild.

FORECAST DISTRICTS.



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

Signals hoisted yesterday: South Cone (triangle pointing up), North Cone (triangle pointing down).
Signals hoisted this morning: South Cone (triangle pointing up), North Cone (triangle pointing down).

No Warnings Issued.

6 { $SW^{\frac{1}{2}}$ winds, freshening; dull, misty, some rain; continuing mild.

7 { $SW^{\frac{1}{2}}$ winds, light or moderate; mild; dull, slight rain locally.

8 { $SW^{\frac{1}{2}}$ winds, light or moderate; mild; dull, slight rain locally.

9 { $SW^{\frac{1}{2}}$ winds, light or moderate; mild; dull, slight rain locally.

10 { $SW^{\frac{1}{2}}$ winds, light or moderate; mild; dull, slight rain locally.

11 { $SW^{\frac{1}{2}}$ winds, light or moderate; mild; dull, slight rain locally.

12 { $SW^{\frac{1}{2}}$ winds, light or moderate; mild; dull, slight rain locally.

13 { $SW^{\frac{1}{2}}$ winds, light or moderate; mild; dull, slight rain locally.

14 { $SW^{\frac{1}{2}}$ winds, light or moderate; mild; dull, slight rain locally.

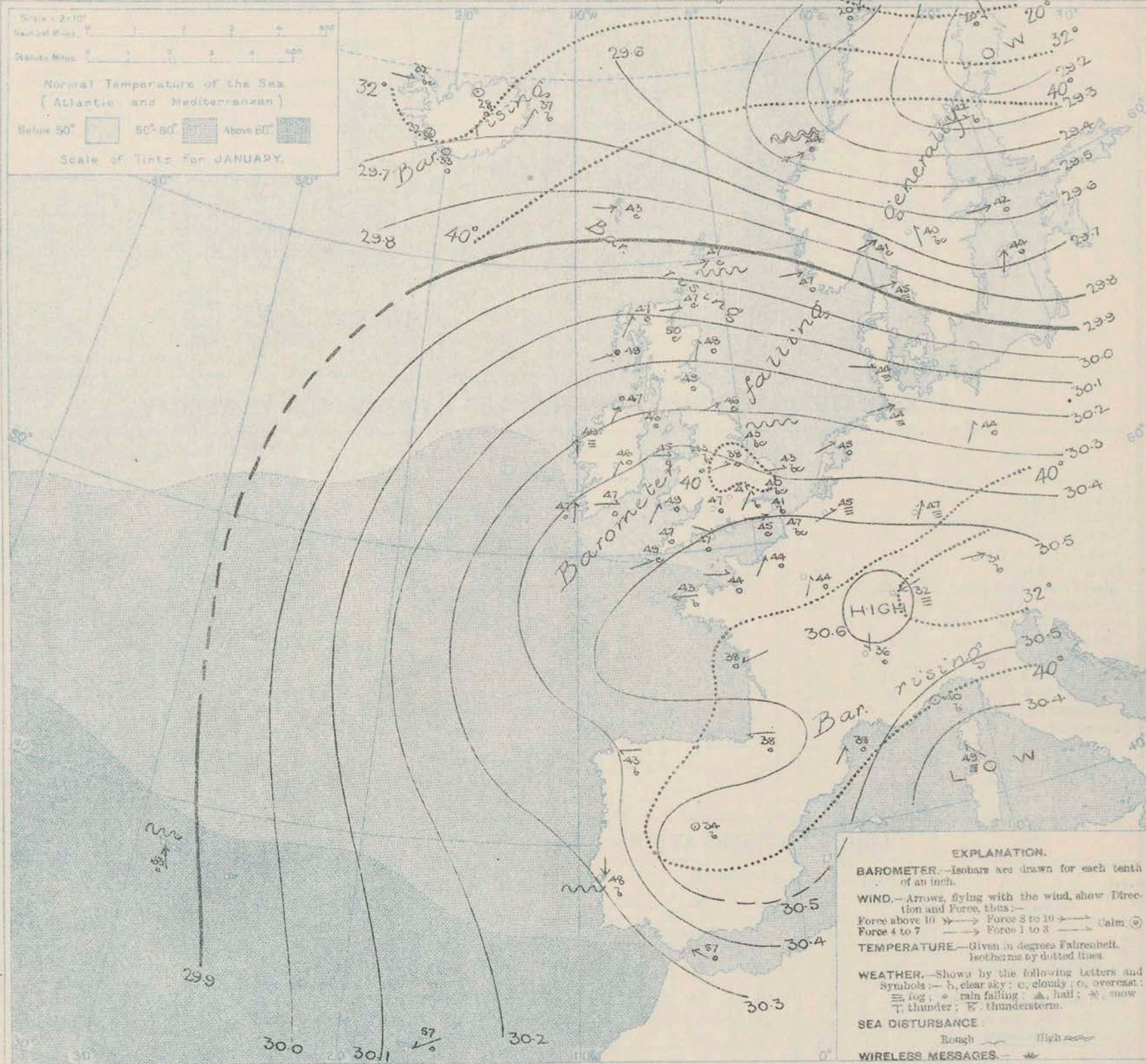
15 { $SW^{\frac{1}{2}}$ winds, light or moderate; mild; dull, slight rain locally.

THE FURTHER OUTLOOK.

Light $SW^{\frac{1}{2}}$ breezes north Channel, but $W^{\frac{1}{2}}$ Bay; sea slight generally; weather mostly fair, but misty or foggy in places; cool.

SYNOPTIC CHART FOR 7 A.M. Tuesday, 2nd

JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The southern anticyclone maintains its position, but a large and rather deep depression has appeared over northern Europe, and over the Baltic and the southern parts of Scandinavia the barometric gradient has become steep.

Light to moderate breezes from the Westward or South-W. setward continue to prevail over the United Kingdom and the adjacent portions of the Continent. In Denmark and southern Scandinavia the Westerly wind has increased to a strong breeze, and at Christiansund to the force of a gale. Temperature has risen in Denmark.

Germany and the South of Scandinavia, but fallen in most other regions. On our own western and northern coasts the thermometer is very little below 50°, but over central England it is below 40°. Slight frost prevails in South Germany, and sharp frost in the north of Scandinavia. The weather is fine in the south and east of England, but cloudy or dull in nearly all other parts of our area of observation, with fog at some of the Continental stations. Rain is falling at Castleby, and also at Christiansund. The sea is slight or smooth generally, but rather rough at the mouth of the St.umber, and rough between Shetland and the Norwegian coasts.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

There are still no signs of any material change in the general conditions. Over the greater part of the United Kingdom the weather will remain under the

influence of the southern anticyclone, but on our extreme western and northern coasts it will be influenced to some extent by depressions moving over the Atlantic.

DAILY WEATHER REPORT.

Tuesday, 2nd January 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.		
	Lat. N.	Long. W.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.	Sea.	Disturbance.
			In.							In.						
1st Jan. 3 p.m.	50	14	30.20	S	6.7	<i>Xceland</i>	1st Jan. 6 p.m.	50	16	30.10	S	6.7	0	-	-	-
do. 4 p.m.	50	20	30.00	?	?	<i>Insitania</i>	do. 7 a.m.	51	22	29.95	S	4.5	0	-	-	-
do. 4 p.m.	51	16	30.18	SSW	4.5	<i>Baltic</i>	do. 7 a.m.	51	17	30.15	SSW	6.7	0	-	-	-
do. 4 p.m.	50	15	30.21	SSW	4.5	<i>Minnewaska</i>	do. 7 a.m.	50	16	30.18	SSW	4.5	0	-	-	-
do. 4 p.m.	50	11	30.33	SSW	4.5	<i>Xceland</i>	do. 7 a.m.	50	12	30.31	SSW	6.7	0	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.		TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.		TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
		Max.	Min.						Max.	Min.			
					Hrs.	In.						Hrs.	In.
Oban, to 6 p.m.	...			c. b	*	-	Brighton, to 6 p.m.	...	48	43	*	0.0	-
Dublin (City), to 4 p.m.	...	52	46	c. b	*	-	Seaford, to 6 p.m.	...	48	42	m	0.0	-
Blackpool, to 9 p.m.	...	52	41	o. c	0.5	-	Eastbourne, to 6 p.m.	...	53	43	*	0.7	-
Southport, to 9 p.m.	...	53	44	o. b. c. c	1.7	0.01	Bexhill-on-Sea, to 9 p.m.	...	49	41	b. o. o. m. e	0.8	-
Rhyl, to 6 p.m.	...	53	38	b. c. o. c	2.3	-	Hastings ...	...	*	*	*	0.8	*
Colwyn Bay, to 6 p.m.	...	53	47	b. c. o	2.3	-	Folkestone, to 6 p.m.	...	47	43	m	0.0	-
Llandudno, to 9 p.m.	...	54	47	b. c	2.4	-	Deal, to 6 p.m.	...	47	44	c. o. m. o. d	0.0	-
Bettws-y-Coed, to 6 p.m.	...					*	Ramsgate, to 6 p.m.	...	*	*	*	0.0	-
Aberystwyth, to 6 p.m.	...	50	40	*	0.0	0.06	Margate, to 6 p.m.	...	47	41	o. m. o	0.0	-
Plymouth, to 9 p.m.	...	53	46	o. m. c. b. c	1.6	-	Felixstowe, to 6 p.m.	...	46	34	*	0.0	0.02
Paignton, to 6 p.m.	...	53	39	c. b. c	5.5	-	Lowestoft, to 6 p.m.	...	51	37	o. m. c. o. m	0.0	-
Torquay, to 6 p.m.	...	54	42	*	6.5	-	Skegness, to 6 p.m.	...	51	42	m. b	3.2	-
Teignmouth, to 9 p.m.	...	51	38	m. b	6.0	-	Scarborough, to 9 p.m.	...	51	40	o. c. b. c	1.2	0.04
Weymouth, to 6 p.m.	...	52	44	b. c. b	7.1	-	Harrogate, to 6 p.m.	...	51	43	c. o. c. b. c	0.0	-
Bournemouth, to 6 p.m.	...	53	44	c. b. c. b	4.3	-	Buxton, to 6 p.m.	...	52	39	o. b. c. c	3.4	-
Southsea, to 6 p.m.	...	50	44	*	0.0	-	Darwen, to 9 p.m.	...	53	43	o. m. c. o. m	0.5	0.03
Worthing, to 6 p.m.	...	49	41	c	0.0	0.01	Manchester, to 9 p.m.	...	52	43	o. d. a. b. c. o	0.2	0.02
							Birmingham, to 9 p.m.	...	52	42	c	1.7	-

LONDON OBSERVATIONS.

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

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.			
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				2nd & 3rd Jan. 1912.	Sunrise	Noon	Sunset
24 HOURS ENDED AT 9 A.M. TO-DAY.											
Greenwich (Royal Obsy.) ...	%	%				In.	Hrs.				
City (Banhill Row) ...	96	94	50	41	o. c. b	—	0.0	Yarmouth ...	{ 8.6	11.57	3.48
Westminster (St. James's Pk.)	*	*	*	*	*	*	0.0		{ 8.6	11.58	3.49
Camden Sq. (Brit. Rainfall)	93	93	51	41	o. bc. m. o. c	*	0.0	Greenwich ...	{ 8.8	12.4	4.0
Hampstead (Reservoir) ...	93	97	50	39	o. g. m. b. c. m	—	0.0		{ 8.8	12.5	4.1
	*	99	48	38	o. m. bc. c	—	0.0	Wick ...	{ 9.5	12.16	3.28
			24 HOURS ENDED AT 6 P.M. YESTERDAY.					{ 9.4	12.17	3.29	
South Kensington ...	*	*	50	46	o. m. g. o. m. o	—	0.0	Valencia ...	{ 8.5	12.45	4.39
" (Roof of M.O.)	91	93	51	47				*	{ 8.5	12.46	4.40

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
	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.

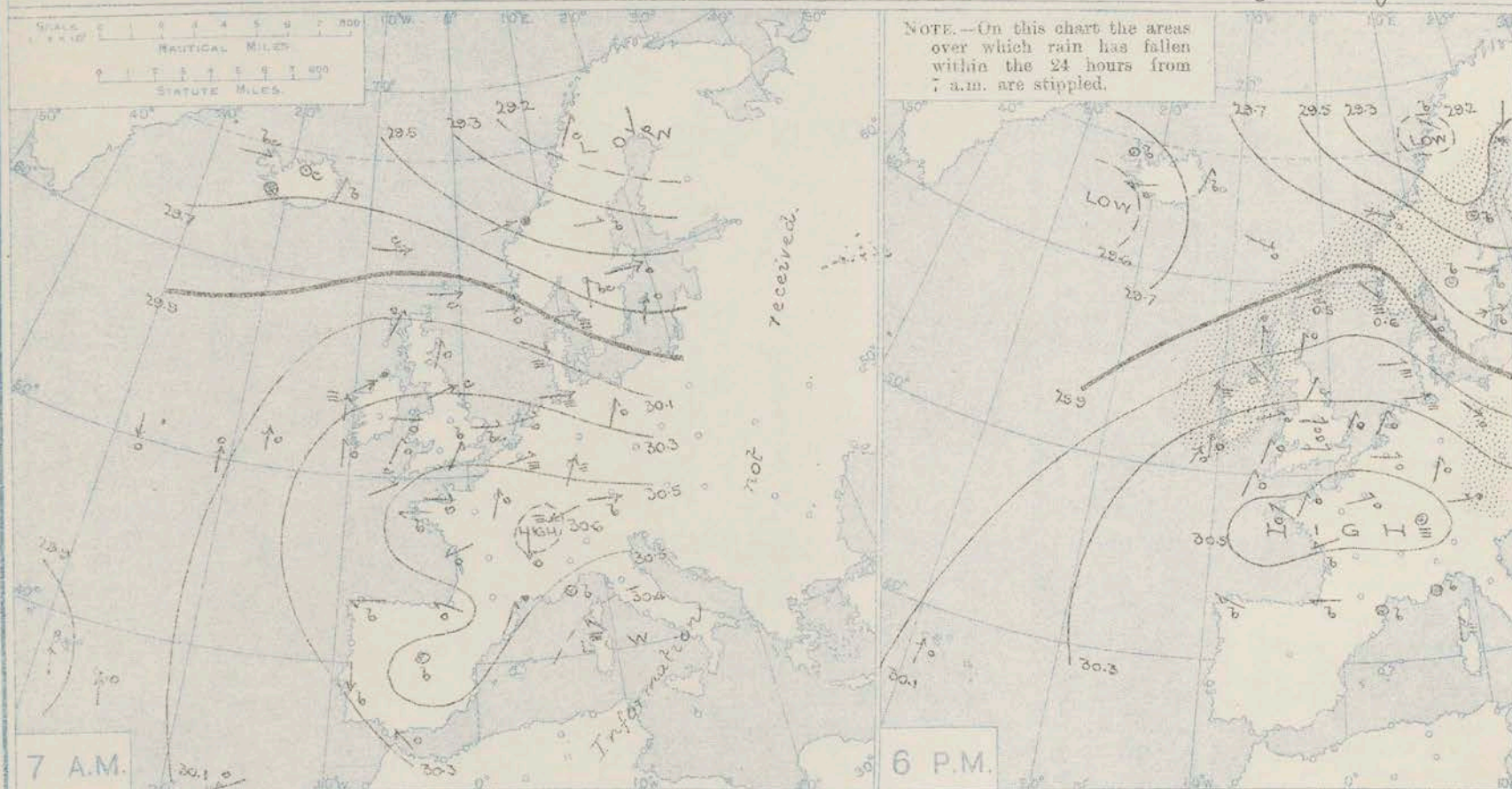
Wednesday,
3rd January, 1912

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.								
	Barom.	Temp.	Wind.	Force	Weather.		Barometer.		Temp.		Wind.		Force	Weather.	Sea	Rain-fall.	Temp.		Sun-shine.	Weather.					
							At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac.	(0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.					Dry Bulb.	Change since Yesterday.		Dirac.	(0 to 12).	Max.	Min.	Morn'g 7 a.m. to 1 p.m.	Altern'n 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.
In.	°					In.	In.	°	°					In.	°	°	Hours								
Lerwick	29.90	45	WSW	4	c	29.65	+0.1	43	-4	WNW	7	cpq	3	0.53	47	40	0	cm	cm	0					
Stornoway	29.92	47	S	4	or	30.03	+0.3	41	-6	W	4	c	4	0.30	51	40	0.0	clp	or	0.00					
Castletown (Barra Isd.)	30.04	49	WSW	5	d	30.11	+0.3	44	?	NW	11	bc	4	0.09	49	42	0.0	cl	cl	0.00					
Malin Head	30.11	46	SE	5	og	30.13	+0.3	45	-2	S	1	bc	1	0.00	48	44	0	bcn	or	0.00					
Blacksod Point	30.17	49	SSW	6	m	30.18	+0.6	47	-2	WSW	3	m	3	0.28	50	46	0	cm	cm	0.00					
Valencia	30.36	43	S	2	o	30.29	-0.3	50	+3	SSW	2	cm	4	0.02	50	47	0.0	cm	cm	0.00					
Roche's Point	30.40	48	SW	3	o	30.31	0	48	+1	WSW	2	o	3	0.02	49	46	0	cp	o	0					
Birr Castle	30.30	48	SW	2	o	30.21	0	48	+2	W	3	o	4	0	48	45	0.0	o	o	0					
Donaghadee	30.25	47	SW	3	og	30.15	-0.2	48	+2	SW	2	7	1	Trace	49	45	0	og	og	0.00					
Liverpool Obsy.	30.37	44	WSW	2	c	30.19	-0.3	47	+4	WSW	5	o	4	0	48	42	0	c	bc	0					
Holyhead	30.34	48	WSW	3	cm	30.22	-0.5	46	+3	WSW	4	o	3	Trace	48	44	0	cm	cm	0.00					
Pembroke (St. Ann's Hd.)	30.42	49	SW	3	o	30.30	-0.3	49	0	WSW	4	og	4	0	50	48	0.0	og	og	0.00					
Newquay	30.46	47	SSW	1	o	30.37	0	46	+1	SW	4	og	3	0	49	46	0.0	og	og	0.00					
Scilly (St. Mary's)	30.48	48	SW	3	ogm	30.38	-0.4	49	0	WSW	4	og	4	0	51	47	0.2	og	og	0.00					
Jersey (St. Aubin)	30.50	45	SW	3	ogm	30.43	0	45	+1	W	4	ogm	3	0	48	45	0.0	cm	ogm	0.00					
Portland Bill	30.49	49	W	3	o	30.34	-0.5	47	0	W	4	c	2	0	49	46	0.0	o	o	0					
Dungeness	30.43	46	WNW	4	o	30.26	-0.1	46	+1	SW	5	o	4	0	47	42	0.0	c	c	0					
Dover	30.46	43	W	1	o	30.25	0	44	+3	W	2	o	4	Trace	45	40	0.0	bcn	o	0.00					
Wick	29.96	46	W	1	7	29.84	+0.9	42	-5	NW	3	bcq	3	0.14	49	41	0	o	cm	0.00					
Nairn	29.98	50	WSW	3	bc	29.78	0	42	-8	W	3	o	2	0.19	51	41	0.0	o	bcn	0.00					
Aberdeen	30.04	49	SSW	3	c	29.96	+0.7	43	-5	W	4	6	2	0	53	43	0.0	o	o	0.00					
Leith	30.14	50	WSW	3	o	30.04	+0.3	45	-4	W	3	6	0.01	50	45	0	cp	or	0						
North Shields	30.25	48	WSW	3	c	30.04	+0.2	47	+3	WSW	3	o	2	0	51	44	0.1	c	c	0					
Spurn Head	30.31	44	WSW	4	c	30.12	-0.3	47	+4	WSW	7	cp	6	0	47	41	0	cm	bcn	0.00					
Yarmouth	30.38	44	WSW	2	o	30.20	-0.6	45	+2	WSW	5	o	1	0	47	41	0.2	bcn	bcn	0.00					
Clacton-on-Sea	30.42	46	W	3	o	30.23	-0.5	46	+6	W	3	o	2	0	46	40	0.0	bcn	c	0					
Nottingham	30.38	47	W	3	o	30.19	0	47	+9	SW	3	o	0	0	48	38	0.0	cm	cm	0					
Bath	30.46	48	W	2	o	30.24	0	43	+1	W	6	o	1	0	49	47	0.0	0	0	0					
Oxford	30.42	46	WSW	1	o	30.24	0	46	-6	WSW	2	o	0	0	45	40	0	bcn	bcn	0					
London (New Obsy.)	30.45	46	W	2	o	30.24	-0.3	47	+6	W	3	o	0	0	47	41	1.7	bcn	bcn	0					
Isafjord	29.69	24	0	0	b	29.88	+0.7	27	-5	S	3	bc	4	0	0	0	0	0	0	0					
Reykjavik	29.60	29	E	3	o	29.84	+0.6	28	-4	SW	1	5	0	0	0	0	0	0	0	0					
Seydisfjord	29.72	29	SW	3	bc	29.79	+0.2	29	-5	W	1	5	0	0	0	0	0	0	0	0					
Thorshavn	29.83	41	WNW	2	o	29.72	+0.3	37	-6	NW	5	0	0	0	0	0	0	0	0	0					
Haparanda	29.32	15	NE	4	5	29.56	+1.2	2	-18	N	4	0	0	0.04	21	12	0	0	0	0					
Hernösand	29.32	5	0	0	6	29.51	+1.3	20	-22	NW	4	0	0	0.05	45	3	0	0	0	0					
Stockholm	29.55	46	WNW	6	6	29.43	-0.6	36	-6	W	4	0	0	0	46	34	0	0	0	0					
Wisby	29.54	43	W	3	6	29.49	-0.8	41	-3	W	8	0	0	0	45	34	0	0	0	0					
Karlstad	29.67	38	0	0	6	29.51	-0.8	35	-5	0	0	0	0	0	45	34	0	0	0	0					
Fierder (Xianla Fjord)	29.78	41	WSW	4	6	29.47	-1.1	39	-2	SW	3	0	3	0.06	45	39	0	0	0	0					
Bodö	29.77	34	ESE	1	6	29.49	-0.6	26	-12	E	6	0	2	0	38	26	0	0	0	0					
Christiansund	29.69	41	WNW	5	0	29.57	-0.4	39	-5	WNW	2	bc	5	0.04	44	36	0	0	0	0					
Skudesnaes	?	44	NW	2	m	29.60	-1.1	41	-6	WSW	2	o	5	0.55	47	39	0	0	0	0					
The Scaw (Skagen)	29.82	44	NW	6	o	29.49	?	47	-1	WSW	3	0	0	0.32	46	41	0	0	0	0					
Blaavands Huk	30.12	43	W	3	m	29.50	-0.7	44	0	W	6	0	4	0	45	43	0	0	0	0					
Cuxhaven	30.22	44	W	5	f	29.95	-1.1	43	-1	W	7	0	0	0	48	43	0	0	0	0					
The Helder	30.32	45	WSW	2	o	30.11	-0.6	40	+1	WSW	4	0	4	0	46	42	0	0	0	0					
Brussels	30.45	44	W	3	o	30.21	-0.4	40	-1	WSW	5	0	0	0	47	44	0	0	0	0					
Berlin	30.17	46	NW	2	o	30.00	-1.8	42	0	SW	5	0	0	0.04	50	43	0	0	0	0					
Frankfurt	30.39	44	SW	3	o	30.23	-0.4	44	-3	SW	3	0	0	0	47	39	0	0	0	0					
Munich	30.47	37	W	3	7	30.31	-0.3	34	+8	SW	4	0	0	0.08	39	30	0	0	0	0					
C. Gris Nez	30.47	46	W	6	o	30.24	-0.2	46	-1	W	6	0	5	0	46	46	0	0	0	0					
La Hève	30.52	44	SW	3	o	30.25	0	43	-1	WSW	4	0	3	0	46	34	0	0	0	0					
Brest (St. Mathieu)	30.28	45	SE	2	o	30.47	-0.3	47	+4	WSW	3	0	5	0	52	43	0	0	0	0					
Lorient (Bec Melan)	30.50	41	ENE	3	6	30.43	0	37	-1	ENE	3	m	4	0	45	34	0	0	0	0					
Rochefort (Ile d'Als)	30.47	34	E	3	6	30.47	0	36	-2	SW	2	6	2	0	43	34	0	0	0	0					
Biarritz	30.47	34	E	3	6	30.47	0	36	-2	SW	2	6	2	0	43	34	0	0	0	0					
Paris	30.34	46	WSW	1	o	30.42	-0.4	42	-2	W	2	0	0	0	46	42	0	0	0	0					
Belfort	30.58	32	0	0	f	30.40	0	35	+3	W	6	0	0	0	32	31	0	0	0	0					
Lyons	30.34	43	0	0	6	30.25	-0.4	44	+4	0	0	0	0	0	50	39	0	0	0	0					
Nice	30.47	40	0	0	6	30.36	+0.4	33	-3	SW	1	0	0	0	50	39	0	0	0	0					
Perpignan	30.47	40	0	0	6	30.36	+0.4	33	-3	SW	1	0	0	0	50	39	0	0	0	0					
Sanguinaire	30.37	50	S	2	m	30.34	0	50	+1	E	2	0	0	0	57	43	0	0	0	0					
Cornuna	30.41	54	ESE	1	6	30.50	+0.0	34	-12	ESE	1	6	2	0	55	34	0	0	0	0					
Lisbon (8 a.m. local)	30.11	58	SE	4	o	30.09	0	57	0	SE	6	0	0	0	0	0	0	0	0	0					
Gibraltar	30.11	58	SE	4	o	30.09	0	57	0	SE	6	0	0	0	0	0	0	0	0	0					
Azores (P. Delgada)	30.14	61	SSW	0	o	30.21	+0.2	62	-1	S	0	0	0	0	62	61	0	0	0	0					
Azores (Horta)	30.14	61	SSW	0	o	30.21	+0.2	62	-1	S	0	0	0	0	62	61	0	0	0	0					
Madeira (Funchal)	30.14	61	SSW	0	o	30.21	+0.2	62	-1	S	0	0	0	0	62	61	0	0	0	0					

* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° or a trifle above it at several of our western and northern stations. Over a large portion of the country there was an entire absence of sunshine, but on the coasts of Norfolk, Suffolk and North Wales the weather was fairly bright. Rain

was experienced at many places in the west and north. Wireless reports show that as far west as the 20th meridian the wind was moderate to strong from the southward, and the weather overcast; westward of the 25th meridian the wind had shifted to the northward.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

0 { a } North Westerly winds, strong in places; cold, changeable, sleet or snow showers in places.

1 { b } Westerly to North Westerly winds, moderate or fresh; fair generally, but slight showers locally; cooler.

2 { a } Westerly winds, moderate or fresh; cloudy, misty, slight rain locally. Becoming rather cooler.

3 { b }

FORECAST DISTRICTS.



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

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

No Warnings Issued

6 { a } North Westerly winds, moderate or fresh; fair generally; cooler.

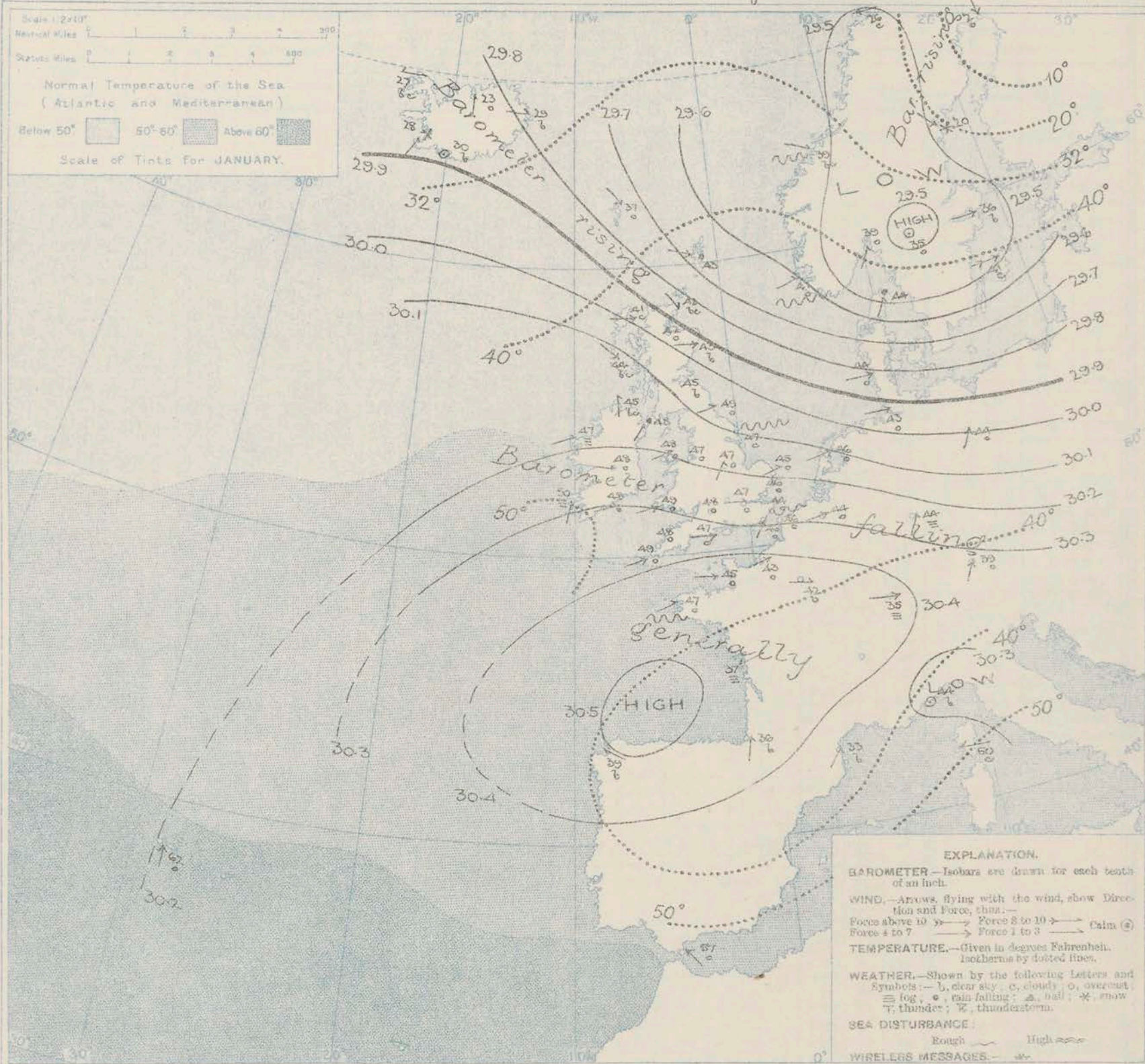
7 { b } South Westerly to Westerly or North Westerly winds, moderate or fresh; cloudy, slight rain in places; becoming cooler.

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

11 WESTERN CHANNEL AND BAY. Moderate to fresh South Westerly to Westerly winds, and a moderate sea, becoming swell; cloudy, with mist or fog in places.

THE FURTHER OUTLOOK.

JANUARY 1912



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An anticyclone of considerable intensity still lies over France, the Bay of Biscay and the north of Spain. The large depression noted yesterday over Scandinavia is extending northwards, and is occasioning a fall of the barometer over England and the western portions of the Continent.

Westerly or South-Westerly winds continue to prevail over north-western Europe generally, and blow strongly at many northern stations. In the north of Scotland the wind has veered to the north-north-west. Temperature has risen somewhat over England and Ireland.

fallen elsewhere. Over the United Kingdom the morning readings range from 50° at Malpas in 49° at some English stations to between 41° and 43° in the north of Scotland over central and southern France the thermometer is below 50°. Sharp foot pinwails over the Gulf of Bothnia. The weather is fine in Scotland, but cloudy or dull in nearly all other parts of our area of observation. Slight rain is falling at some of our own western stations, and snow at Hemsland and Ryejunkt. The sea is moderate or slight generally, but rough off the north of the Hebrides.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The large depression over Northern Europe
will probably move eastwards or south-eastwards.
Owing to this change, and to an increase in pressure.

which is apparently in progress over the Atlantic the wind is likely to veer to the northward of west and cooler weather will set in over the United Kingdom generally.

DAILY WEATHER REPORT.

Wednesday 3rd January 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 Dis- turb- ances.
	Lat. N.	Long. W.		Dirac.	Force.			Lat. N.	Long. W.		Dirac.	Force.		Air.	Dry Bulb.	Wet Bulb.		Sea.
	"	"	In.					"	"	In.				"	"	"	
2nd Jan. 3 p.m.	51	12	30.33	SSW	4-5	<u>Campania</u>	2nd Jan. 6 p.m.	51	10	30.35	SW	4-5	0	-	-	-	-
do. 4 a.m.	50	25	30.14	S	4-5	<u>Baltic</u>	do. 7 a.m.	50	27	30.02	N	4-5	0	-	-	-	-
do. 4 a.m.	50	19	30.14	S	6-7	<u>Zealand</u>	do. 7 a.m.	50	20	30.05	S	6-7	0	-	-	-	-
do. 4 a.m.	51	17	30.25	S	4-5	<u>Campania</u>	do. 7 a.m.	51	16	30.27	S	4-5	0	-	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.	48	44	bc. o	Hrs.	In.	Brighton, to 6 p.m.	47	42	*	0.0	-
Dublin (City), to 4 p.m.	48	44	bc. o	2.0	0.01	Seaford, to 6 p.m.	48	43	0	0.4	-
Blackpool, to 9 p.m.	47	44	o. c. ad. o	0.7	-	Eastbourne, to 6 p.m.	51	43	*	1.5	-
Southport, to 9 p.m.	46	44	bc. o. bc. c	2.8	-	Bexhill-on-Sea, to 9 p.m.	47	42	0	0.2	-
Rhyl, to 6 p.m.	51	44	bc. o. bc. c	3.6	-	Hastings	*	*	*	0.1	*
Colwyn Bay, to 6 p.m.	50	44	bc. b. bc	1.6	-	Folkestone, to 6 p.m.	48	40	m. o	0.0	-
Llandudno, to 9 p.m.	49	45	bc. c	0.0	*	Deal, to 6 p.m.	49	40	cm. bc. og	2.0	-
Bettws-y-Coed, to 6 p.m.	48	46	-	0.0	*	Ramsgate, to 6 p.m.	*	*	*	1.6	-
Aberystwyth, to 6 p.m.	49	46	*	0.0	-	Margate, to 6 p.m.	47	40	o. b. o	1.1	0.01
Plymouth, to 9 p.m.	50	47	o. bc	0.0	-	Felixstowe, to 6 p.m.	47	40	*	3.2	-
Paignton, to 6 p.m.	50	41	bc. cm. c	0.0	-	Lowestoft, to 6 p.m.	46	41	cm. c. bc. c	2.9	0.01
Torquay, to 6 p.m.	50	45	*	0.0	-	Skegness, to 6 p.m.	45	37	m. b	0.3	-
Teignmouth, to 9 p.m.	49	40	c	0.0	-	Scarborough, to 9 p.m.	49	43	o	0.5	-
Weymouth, to 6 p.m.	49	43	o. c	0.0	-	Harrogate, to 6 p.m.	46	44	c. bc. c	1.3	-
Bournemouth, to 6 p.m.	49	39	o	0.0	-	Buxton, to 6 p.m.	44	37	cl. c	0.0	-
Southsea, to 6 p.m.	48	43	*	0.0	-	Darwen, to 9 p.m.	44	40	md. ou	0.0	0.01
Worthing, to 6 p.m.	47	38	c	0.0	-	Manchester, to 9 p.m.					
						Birmingham, to 9 p.m.	46	38	c. o. c	0.0	-

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.			
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				3rd & 4th Jan 1912	Sunrise	Noon	Sunset
Greenwich (Royal Obey.)	86	85	47	42	bc. o	In.	Hrs.		G.M.T.	G.M.T.	G.M.T.
City (Banhill Row)	*	*	*	*	*	*	1.3	Yarmouth	8.6	11.58	3.49
Westminster (St. James's Pk.)	83	80	48	43	bc. o. om	*	0.0	Greenwich	8.8	11.58	3.50
Camden Sq. (Brit. Rainfall)	84	84	48	41	c. o	-	0.7		8.8	12.5	4.1
Hampstead (Reservoir)	*	89	45	44	c. o	-	0.4	Wick	9.4	12.17	3.29
							1.4		9.3	12.17	3.30
24 HOURS ENDED AT 9 A.M. TO-DAY.								Valencia	8.51	12.46	4.40
South Kensington	*	*	50	41	c. o	*	0.7		8.50	12.46	4.41
" (Roof of M.O.)	79	80	51	42	*	*					
24 HOURS ENDED AT 6 P.M. YESTERDAY.											

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	In.	*	*		Rome	In.	*	*	
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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust, haze, or smoke.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday
4th January, 1912.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temp.		Wind.		Sea (0 to 9).	Rain-fall.	Temp.		Sun-shine.	Weather.					
				At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.		Dir.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.			Dir.	Force (0 to 12).		Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	After'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	
		In.	°				In.	in.	°					In.	°	Hours							
BRITISH ISLANDS.	Lerwick	29.82	40	WNW	7	bc	29.81	-0.3	36	-7	-	0	c	2	0.06	43	34	*	cp	cp	cpm		
	Stornoway	30.06	40	NW	3	c	29.79	-0.7	40	-1	NW	2	0	2	0.02	42	36	0.8	o-bc	bc-c	c-odp		
	Castlebay (Barra Isd.)	30.08	43	WSW	2	o	29.74	-0.8	45	+1	NE	3	r	3	0.09	45	40	0.0	bc-o	o	op-r		
	Malin Head	30.12	45	W	2	bc	29.81	-0.1	47	+2	W	4	rgm	4	0.25	48	40	*	bc	bc-m	bc-m		
	Blackrod Point	30.11	50	SSW	3	m	29.91	-0.3	49	+2	SW	3	o	2	0.11	50	44	*	sm	odm	odm		
	Valencia	30.24	50	SW	4	m	30.01	-0.6	51	+1	SW	3	o	4	0.46	52	49	0.0	m	m	omr		
	Roche's Point	30.25	50	WSW	3	o	30.03	*	50	+2	SW	2	r	3	0.03	51	48	*	og	og	od		
	Birr Castle	30.16	50	W	2	r	29.94	*	50	+2	SW	3	o	*	0.17	51	48	0.0	or	or	og		
	Donaghadee	30.17	42	WSW	2	bc	29.87	-0.4	49	+1	WSW	2	r	2	0.21	49	42	*	bc	bc-m	omr		
	Liverpool Obsy.	30.19	43	NNE	1	r	29.93	-0.7	49	+2	WSW	4	o	3	0.33	50	42	0.0	o	od-r	or		
	Holyhead	30.16	49	WSW	2	odf	29.93	-0.7	49	+1	SW	3	o	3	0.16	49	44	*	of	of	gcpm		
	Pembroke (St. Ann's Hd.)	30.25	49	WSW	5	o	30.06	-0.5	49	0	WSW	5	om	5	0.11	51	47	0.2	og	og	ogm		
	Newquay	30.32	49	SW	3	og	30.13	*	48	0	SW	3	odm	3	0.03	49	46	0.0	og	og	odm		
	Scilly (St. Mary's)	30.35	49	WNW	4	ogm	30.15	-0.3	49	0	W	5	ogm	4	-	50	47	0.0	ogm	ogm	ogmd		
	Jersey (St. Aubin)	30.27	49	WNW	3	odgm	30.22	*	49	+4	W	4	ogme	3	Trace	51	44	0.0	ogm	odgm	ogme		
	Portland Bill	30.31	50	WNW	4	c	30.13	-0.5	49	+2	W	5	o	4	-	50	47	0.0	o	o	c-o		
	Dungeness	30.23	47	WSW	4	bc	30.05	-0.4	47	+1	SW	4	o	4	0.06	48	45	0.0	og	c	l-r-o		
	Dover	30.23	46	WNW	2	c	30.05	*	47	+3	WSW	3	o	3	0.04	47	43	0.0	o	o	op		
	Wick	29.99	38	NW	2	c	29.82	-0.4	37	-5	NW	2	bc	3	0.07	43	34	*	bcap	cap	cp-bc		
	Nairn	30.06	38	W	1	b	29.81	*	36	-6	-	0	o	1	Trace	43	35	0.5	c	c-b	c-o		
	Aberdeen	30.06	40	WSW	3	bc	29.84	-0.6	36	-7	-	0	o	2	Trace	43	36	0.6	bcq-c	cp-bq	b-bc-o3		
Leith	30.10	42	W	2	bc	29.88	-0.5	38	-7	SE	1	tm	*	0.07	46	38	*	b	bc	c			
North Shields	30.14	41	W	3	bc	29.88	-0.6	39	-10	S	2	dx	2	0.05	49	35	6.3	-	-	-			
Spurn Head	30.15	45	WNW	2	bc	29.92	-0.3	42	-5	N	2	od	4	0.04	47	40	*	bc	bc	-bc			
Yarmouth	30.16	47	W	3	o	29.95	-0.8	48	+3	W	3	o	1	0.14	48	43	0.4	cp	o-cp	or-opm			
Clacton-on-Sea	30.20	47	W	2	o	29.99	-0.5	48	+2	WSW	3	c	2	0.08	48	45	0.0	o-c	c-o	omp-c			
Nottingham	30.17	48	WSW	2	r	29.94	*	49	+2	W	3	o	*	0.10	50	46	0.0	odm	odm	odm			
Bath	30.28	49	W	5	o	30.06	*	49	+1	W	6	o	*	-	50	48	0.0	-	-	-			
Oxford	30.22	48	WSW	4	o	30.04	*	47	+1	WSW	2	o	*	0.02	49	46	*	o	c	or			
London (Kew Obsy.)	30.25	49	SW	2	o	30.05	-0.5	48	+1	WSW	3	o	*	0.05	50	47	0.0	sm	sm	or			
ICELAND & FAEROE.	Isafjord	30.01	25	NE	2	o	29.88	-0.4	29	+1	NE	8	o	*	*	*	*	*	*	*			
	Reykjavik	29.89	28	E	3	c	29.64	-0.6	31	+3	E	6	o	*	*	*	*	*	*	*			
	Seydisfjord	29.99	29	W	2	o	29.95	-0.3	28	-1	-	0	bc	*	*	*	*	*	*	*			
	Thorshavn	29.89	37	NW	4	bc	29.82	-0.5	35	-2	ENE	2	c	*	*	*	*	*	*	*			
	Haparanda	29.69	3	N	2	o	29.73	+0.1	-4	-6	NNW	2	c	*	-	7	-4	*	*	*			
SCANDINAVIA.	Hernösand	29.67	16	N	2	c	29.71	+0.2	16	-4	N	2	s	*	0.20	21	16	*	*	*			
	Stockholm	29.60	27	N	6	o	29.64	+0.2	23	-13	NE	2	s	*	Trace	36	21	*	*	*			
	Wisby	29.45	35	NE	8	c	29.57	0.0	27	-14	E	2	o	*	0.04	43	27	*	*	*			
	Karlstad	29.64	29	NNE	4	c	29.61	0.0	26	-9	-	0	s	*	0.04	35	26	*	*	*			
	Færder (Xiania Fjord)	29.60	37	ESE	1	o	29.63	+0.1	33	-6	NNW	1	bc	3	-	39	32	*	*	*			
	Bodö	29.63	22	E	4	b	29.79	+0.3	14	-12	E	3	b	1	-	26	14	*	*	*			
	Christiansund	29.60	36	NNW	1	m	29.75	+1.0	32	-7	N	5	s	3	0.04	39	30	*	*	*			
	Skudesnaes	29.75	40	NW	6	bc	29.73	-0.2	36	-5	NNW	4	b	3	0.12	43	36	*	*	*			
	The Scaw (Skagen)	29.64	39	-	0	o	29.61	+0.4	38	-6	NNE	2	c	1	0.12	45	36	*	*	*			
	Blaavands Huk	29.84	42	NW	7	m	29.74	-0.4	42	-2	WNW	5	o	5	0.04	45	39	*	*	*			
GERMANY, &c.	Cuxhaven	29.92	43	W	6	c	29.84	-0.5	40	-3	W	3	o	*	-	45	39	*	*	*			
	The Helder	30.12	45	WNW	2	c	29.93	-0.4	43	-3	WNW	1	r	1	0.04	46	43	*	*	*			
	Brussels	30.23	45	WSW	3	o	30.04	-0.6	46	+2	WSW	2	r	*	0.20	46	43	*	*	*			
	Berlin	29.77	45	NW	9	c	29.83	-0.1	39	-5	NW	6	o	*	0.08	46	39	*	*	*			
	Frankfurt	30.13	44	SW	5	r	30.03	-0.5	43	-1	SW	5	o	*	0.04	46	43	*	*	*			
Munich	30.22	39	W	5	o	30.15	-0.2	38	-1	SW	5	o	*	0.04	48	36	*	*	*				
FRANCE.	C. Gris Nez	30.25	48	W	4	r	30.06	*	48	+2	W	6	o	5	0.16	50	46	*	*	*			
	La Hève	30.35	46	WSW	3	o	30.17	*	45	+2	WSW	4	o	4	0.08	48	37	*	*	*			
	Brest (St. Mathieu)	30.40	49	WNW	2	o	30.28	*	48	+1	WSW	3	c	3	-	50	47	*	*	*			
	Lorient (Bec Melen)	30.41	50	NW	3	o	30.25	*	48	+3	W	4	o	3	-	52	45	*	*	*			
	Rochefort (Ile d'Aix)	30.47	41	NNE	3	o	30.34	*	44	+7	S	3	r	*	0.04	44	37	*	*	*			
	Biarritz	30.49	33	NE	1	m	30.41	*	36	0	E	1	m	2	-	43	34	*	*	*			
	Paris	30.34	44	WSW	2	o	30.21	-0.3	44	+2	SW	3	o	*	0.04	44	41	*	*	*			
	Belfort	30.38	36	W	4	f	30.29	*	34	-1	W	4	r	*	0.08	36	34	*	*	*			
	Lyons	30.45	35	NNW	2	o	30.34	*	36	+2	SE	1	o	*	-	37	34	*	*	*			
	Nice	30.13	48	-	0	c	29.98	-0.4	43	-1	-	0	bc	2	-	54	37	*	*	*			
SPAIN, PORTUGAL, &c.	Perpignan	30.24	57	NW	3	b	30.19	-0.4	55	+22	NW	3	b	*	-	64	33	*	*	*			
	Sanguinaire	30.13	50	SE	3	c	30.06	*	54	+4	SW	3	m	4	-	54	43	*	*	*			
	Corunna	30.58	54	WNW	1	3	30.48	0.0	43	+4	NNW	1	f	3	-	55	39	*	*	*			
	Lisbon (8 a.m. local)	30.22	58	E	3	c	30.18	*	56	-1	E	2	c	*	-	*	*	*	*	*			
	Gibraltar	30.22	58	E	3	c	30.18	*	56	-1	E	2	c	*	-	*	*	*	*	*			
AZORES & MADEIRA.	Azores (P. Delgada) (6 a.m. local)	30.31	63	S	4	o	30.33	+0.2	61	-1	S	2	r	3	0.04	64	61	*	*	*			
	Azores (Horta)	30.31	63	S	4	o	30.33	+0.2	61	-1	S	2	r	3	0.04	64	61	*	*	*			
	Madeira (Funchal)	30.31	63	S	4	o	30.33	+0.2	61	-1	S	2	r	3	0.04	64	61	*	*	*			

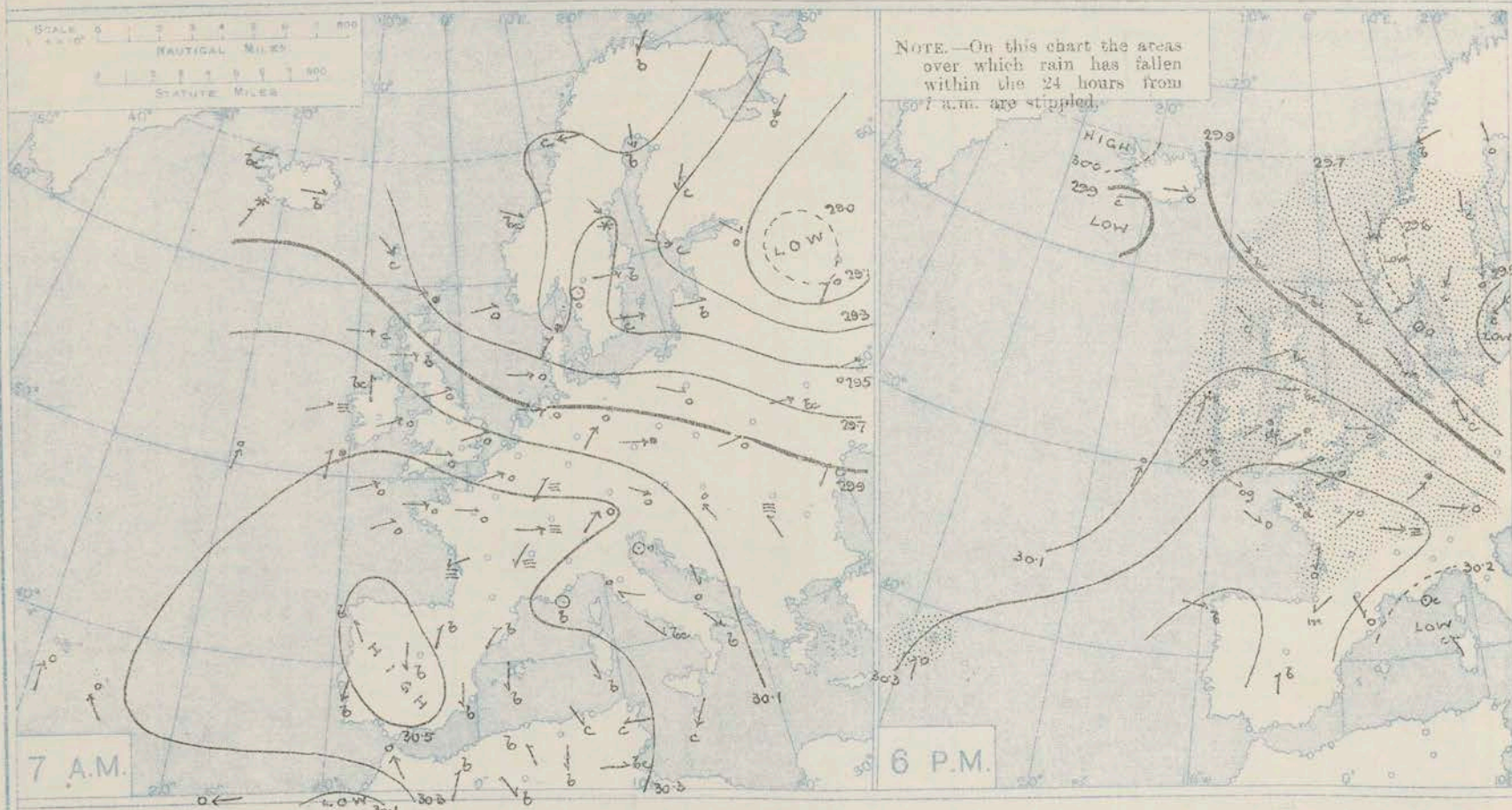
* Information for these columns not usually received.

† Received too late for insertion in Charts.

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS

Wick. Extreme N.W. 8 in. galls.
Spurn Hd. W.S.W. 8 at 9 a.m.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday North-Westerly gales prevailed over the North Sea and North Germany. The highest temperature reached in the British Isles was 52° at Valencia. The sky was generally overcast, and rain is reported from

nearly all stations. The amounts were generally small, but nearly $\frac{1}{2}$ in. fell at Valencia, 0.33 in. at Liverpool.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

0 {
a } Light variable winds, mainly
b } Westerly; dull, some rain;
1 } rather mild.

2 {
a }
b }
3 } Westerly or South-Westerly
winds, light or moderate, fresh,
4 {
a } locally; a good deal of cloud,
b } with occasional rain; mild.
5 }

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. North Cone. South Cone. North Cone.

No Warnings Issued.

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

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

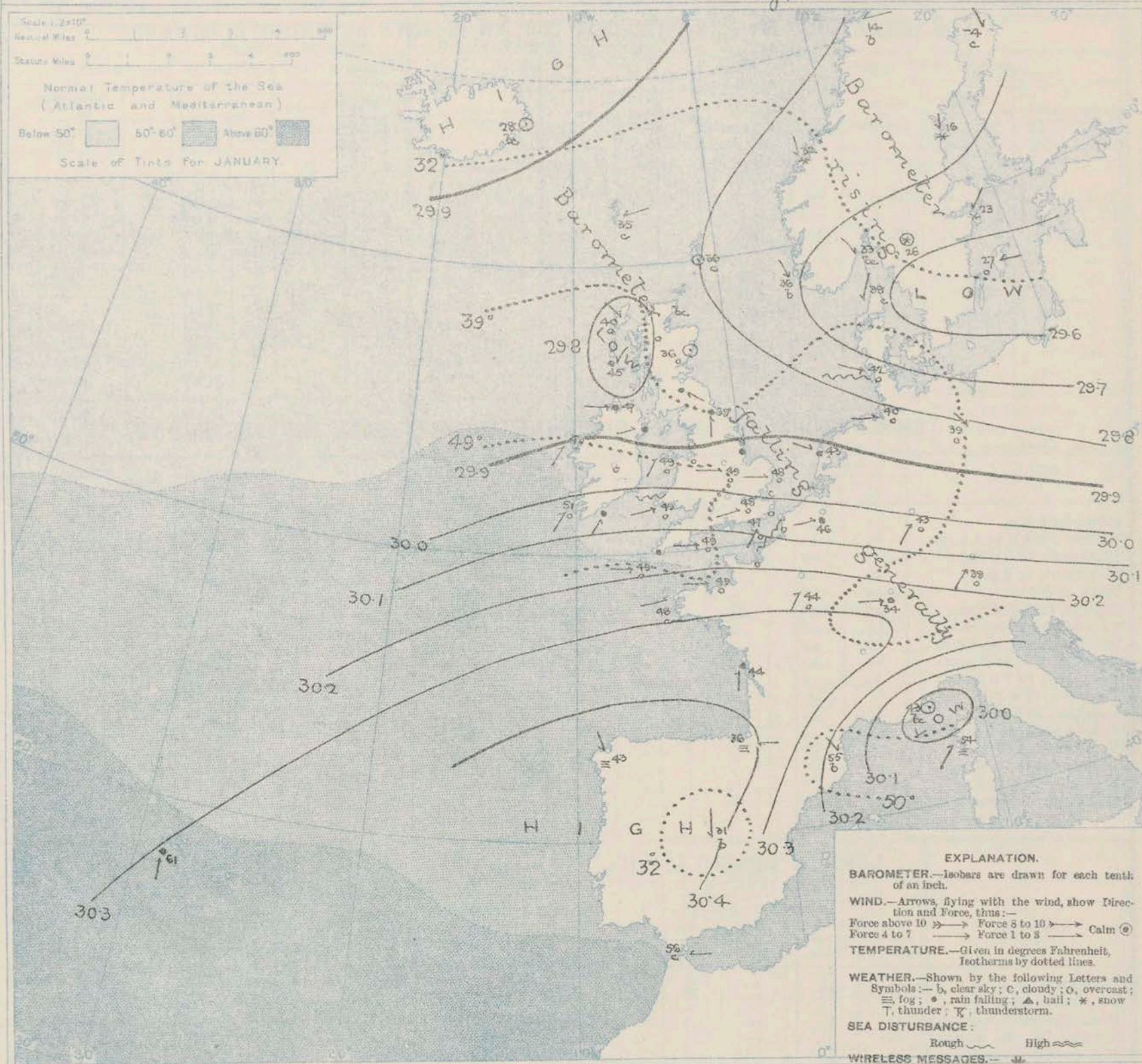
8 {
a }
b }
9 {
a } Wind mainly between South
b } and West, moderate to fresh or
strong; changeable, some rain
and mist; mild.
10 {
a }
b }

11 WESTERN CHANNEL AND BAY.

Westerly and South-Westerly winds, fresh in Channel, moderate over Bay; cloudy or dull, some mist, slight rain locally; sea moderate.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Thursday, 4th JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure continues high, above 30.3 in., over the Bay of Biscay, and a very shallow depression, with minimum readings slightly below 29.8 in., is shown on the west coast of Scotland.

Moderate to fresh Westerly winds prevail over the southern half of the British Isles. In the north the wind is light and variable in direction. Temperature remains mild for the time of year, over the greater part of England and Ireland readings are close on 50°. In the east of Scotland decidedly lower values prevail, the lowest reading reported being

36° at Aberdeen and Naim. The temperature is well above the freezing point over France and Germany. A decided fall of temperature has occurred in Sweden. The weather is overcast at almost all home stations, and also over France and Germany. Rain is falling at many places in the north and west. Snow is reported in Norway and Sweden. The sea is moderate or slight on all our coasts.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

There are no indications of any important changes in the present distribution. Low pressure systems passing slowly to the eastward between the

high pressure over the Bay, and that to the northward of our islands will maintain unsettled conditions.

DAILY WEATHER REPORT

Thursday, 4th January 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.		
	Lat. N.	Long. W.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.	Wet Bulb.	Sea.
4th Jan. 4 a.m.	51	12	29.96	SW	4-5	Merion	4th Jan. 7 a.m.	51	11	29.92	SW	4-5	0			
3rd - 3 p.m.	51	16	29.99	SSW	4-5	do.	3rd - 6 p.m.	51	15	29.99	SSW	4-5	0			
" - 4 a.m.	51	20	30.02	SSW	4-5	do.	" - 7 a.m.	51	19	29.96	SSW	4-5	0			

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.	53	41	b. bc. b.	3.6	0.30	Brighton, to 6 p.m.	49	43	*	0.0	-
Dublin (City), to 4 p.m.	52	47	o. c. d. o.	*	0.01	Seaford, to 6 p.m.	48	42	o	0.0	-
Blackpool, to 9 p.m.	47	42	o	0.0	0.04	Eastbourne, to 6 p.m.	50	45	*	0.0	-
Southport, to 9 p.m.	47	42	o. c. d. o. d.	0.0	-	Bexhill-on-Sea, to 9 p.m.	48	45	o	0.0	-
Rhyl, to 6 p.m.	49	45	bc. o	0.0	0.02	Hastings ...	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	49	42	bc. c.	0.0	0.03	Folkestone, to 6 p.m.	48	43	o	0.0	-
Llandudno, to 9 p.m.	49	46	bc. o. r.	0.0	0.20	Deal, to 6 p.m.	48	44	c. o. g. o.	0.0	-
Bettws-y-Coed, to 6 p.m.	50	45	p	0.0	*	Ramsgate, to 6 p.m.	*	*	*	0.0	-
Aberystwyth, to 6 p.m.	49	47	*	0.0	-	Margate, to 6 p.m.	49	43	o	0.0	-
Plymouth, to 9 p.m.	50	46	o. o. g. c.	0.0	-	Felixstowe, to 6 p.m.	50	47	*	0.0	-
Paignton, to 6 p.m.	51	46	c	0.0	-	Lowestoft, to 6 p.m.	48	41	o. c. o.	0.0	-
Torquay, to 6 p.m.	52	46	*	0.2	-	Skegness, to 6 p.m.	47	45	m	0.0	0.01
Teignmouth, to 9 p.m.	51	46	c	0.0	-	Scarborough, to 9 p.m.	50	40	o. c.	2.5	-
Weymouth, to 6 p.m.	50	46	o. c.	0.0	-	Harrogate, to 6 p.m.	47	42	cp. c. bc. c.	0.6	0.02
Bournemouth, to 6 p.m.	50	44	o	0.0	-	Buxton, to 9 p.m.	45	42	ct. x. o. r.	0.0	0.16
Southsea, to 6 p.m.	49	45	*	0.0	-	Darwen, to 9 p.m.	45	40	und. o. d.	0.0	0.14
Worthing, to 6 p.m.	49	45	c	0.0	-	Manchester, to 9 p.m.	48	44	o. o. d.	0.0	0.01
						Birmingham, to 9 p.m.					

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.				
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				4th January, 1912.	Sunrise	Noon	Sunset	
24 HOURS ENDED AT 9 A.M. TO-DAY.												
Greenwich (Royal Obs.) ...	% 84	% 89	50	47	o. p.	In. 0.05	Hrs. 0.0	Yarmouth ... {	G.M.T. 8.5	G.M.T. 11.58	G.M.T. 3.50	
City (Bunhill Row) ...	% 81	% 86	% 50	% 48	% m. or. ne	% 0.06	% 0.0		G.M.T. 8.5	G.M.T. 11.58	G.M.T. 3.51	
Westminster (St. James's Pk.)	81	86	50	48	m. or. ne	0.06	0.0		Greenwich ... {	8.8	12.5	4.2
Camden Sq. (Brit. Rainfall)	86	89	50	47	o. c. or. o	0.07	0.0			8.7	12.5	4.3
Hampstead (Reservoir) ...	% 93	47	46	op. or o	0.08	0.0	Wick ... {			9.3	12.7	3.30
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Valencia... {	9.2	12.7	3.32	
South Kensington ...	% 80	% 86	50	46	} o. o. p. o	{ -	0.0	8.50	12.46	4.41		
" (Roof of M.O.)	80	86	51	47							{	%	%	8.50	12.46	4.42

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	-	63	50	b. bc.	Rome	-	50	38	b. o
Marseilles	-	55	32	b. b.	Vienna	0.08	41	39	r. o
Malta	0.04	52	46	- b.	Utrecht	-	46	45	o. o
Algiers	-	59	48	o. b.	Zürich	-	*	*	o. c
Tunis	-	57	43	c. bc.	Geneva	-	*	*	o. o
Palermo	Not recd.				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.

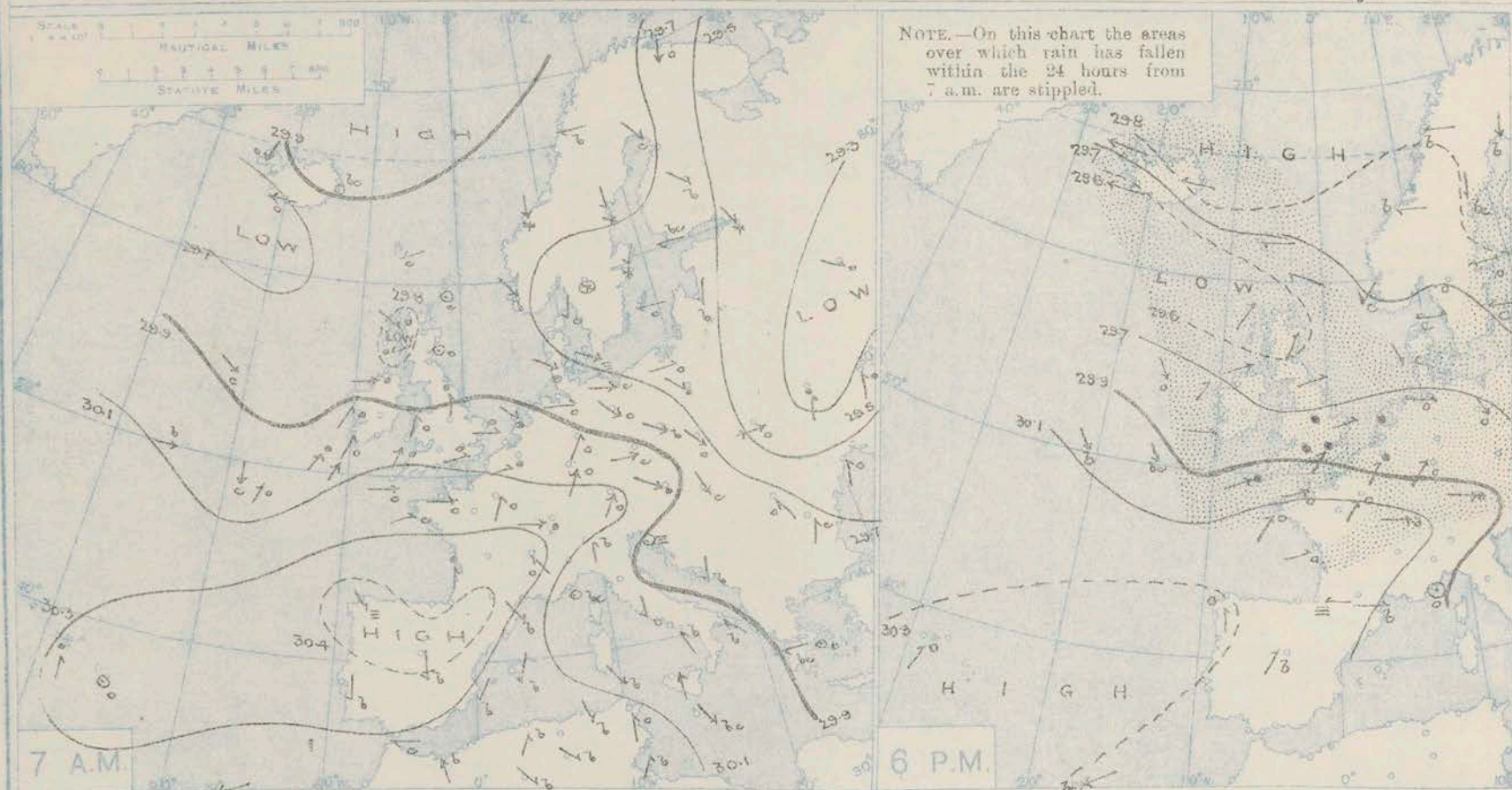
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday
5th January, 1912.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						
	Barom.	Temp.	Wind.	Force	Weather.		Barometer.		Temp.		Wind.		Sea	Rain-fall.	Temp.		Sun-shine.	Weather.					
							At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac.	(0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.			Dry Bulb.	Change since Yesterday.		Dirac.	(0 to 12).	Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
BRITISH ISLANDS.																							
Lerwick	29.63	39	ESE	1	c		29.27	-0.5	38	+2	ESE	5	r	4	0.22	39	34	*	bcn	bcn	or		
Stornoway	29.51	45	SW	4	o		29.27	-0.6	38	-2	NNW	3	c	3	0.17	45	35	0.0	odp	od. o	bc. up		
Castlebay (Barra Isd.)	29.59	47	WNW	4	o		29.35	-0.3	41	-4	NW	4	c	4	0.08	48	39	0.0	ro	o	cp. op. c		
Malin Head	29.60	46	WSW	4	nm		29.40	-0.4	43	-4	NW	6	cghy	4	0.08	47	40	*	om	om	bcn		
Blacksod Point	29.71	47	SW	2	m		29.57	-0.0	42	-7	WNW	5	o	5	0.36	49	37	*	ond	ond	om		
Valencia	29.82	49	W	2	op		29.76	-0.1	42	-9	W	6	cgy	5	0.33	51	39	0.0	md	com	cp		
Roche's Point	29.79	50	SW	4	d		29.73	*	40	-10	W	3	b	2	0.07	51	40	*	d	d	d. o. c. b		
Birr Castle	29.71	47	S	2	r		29.61	*	36	-14	W	2	c	*	0.32	51	36	0.0	or	or	b		
Donaghadee	29.67	45	SW	2	o		29.45	-0.3	37	-12	SW	3	b	2	trace	49	37	*	om	og	bc		
Liverpool Obsy.	29.73	47	SW	2	r		29.46	-0.5	41	-8	W	5	o	4	0.33	50	40	0.2	od	or	og		
Holyhead	29.70	49	WSW	3	ogmw		29.51	-0.3	42	-7	WNW	6	c	4	0.19	50	40	*	d. cf	rgm	bc		
Pembroke (St. Ann's Hd.)	29.81	50	SW	6	o		29.62	-0.1	44	-5	W	6	cq	6	0.21	50	44	0.0	dam	f	opmg		
Newquay	29.93	48	SW	3	om		29.72	*	46	-2	W	7	c	4	0.35	50	44	0.0	ogm	ogm	og. c		
Scilly (St. Mary's)	29.93	49	WSW	5	ompg		29.77	+0.1	46	-3	NW	7	cpg	6	0.10	52	45	0.3	cmp	ompg	omd		
Jersey (St. Aubin)	30.37	49	WSW	4	ogm		29.75	*	47	-2	WSW	5	ogmp	4	0.07	51	46	0.0	omgu	omg	opmg		
Portland Bill	29.92	50	W	5	o		29.62	-0.1	48	-1	NW	6	c	5	0.10	50	47	0.0	o	o	od. c		
Dungeness	29.84	49	SW	5	og		29.49	-1.0	49	+2	SW	7	r	5	0.05	49	46	0.0	or	or	c. or		
Dover	?	47	SW	4	r		29.51	*	46	-1	W	3	r	5	0.32	49	46	0.0	op	op	or		
Wick	29.53	40	ESE	3	r		29.19	-0.6	35	-2	SW	2	b	2	0.02	41	34	*	bc. c	or	om. bc		
Nairn	29.54	38	-	0	o		29.25	*	35	-1	WSW	1	b	1	0.06	41	35	0.0	d	o	c. c. b		
Aberdeen	29.58	40	S	2	o		29.27	-0.4	38	+2	SW	1	c	2	0.07	40	35	0.0	og	or. g	op. c		
Leith	29.60	40	NNW	1	o		29.37	-0.4	40	+2	WSW	3	bc	*	0.09	46	38	*	op	odm	op		
North Shields	29.68	45	WSW	2	o		29.34	-0.2	40	+1	WSW	3	c	2	0.12	47	37	0.0	o	r	c		
Spurn Head	29.70	47	SW	4	c		29.39	-0.1	44	+2	W	5	bc	4	0.07	48	40	*	c	om. dm	or. c		
Yarmouth	29.78	49	WSW	3	o		29.44	-0.6	46	-2	W	2	o	1	0.09	49	46	0.0	om	om	om		
Clacton-on-Sea	29.83	47	SSW	2	o		29.44	-0.6	47	-1	WNW	2	r	2	0.22	49	46	0.0	c. o	om	om		
Nottingham	29.76	49	W	4	r		29.50	*	45	-4	W	4	o	*	0.05	51	45	0.0	om	odm	opm		
Bath	29.57	50	W	4	d		29.60	*	46	-3	W	6	b	*	0.23	51	46	0.0	-	-	-		
Oxford	29.79	50	WSW	6	a		29.55	*	43	-4	WNW	4	c	*	0.25	51	43	*	or	or	odph		
London (Kew Obsy.)	29.85	49	SW	2	or		29.54	-0.4	47	-1	WSW	2	or	*	0.22	51	46	0.0	om or	om or	or		
Isafjord	29.76	33	E	7	c		29.75	+0.3	31	+2	NE	7	o	*	*	*	*	*	*	*	*		
Reykjavik	29.56	31	E	5	o		29.56	+0.3	31	0	-	0	b	*	*	*	*	*	*	*	*		
Seydisfjord	29.84	30	E	3	s		29.72	0.0	31	+3	ENE	3	s	*	*	*	*	*	*	*	*		
Thorshavn	29.65	36	E	3	c		29.43	-0.4	36	+1	E	5	o	*	*	*	*	*	*	*	*		
Haparanda	29.83	-9	N	4	b		29.84	0.0	-20	-16	NE	4	b	*	-	-5	-20						
Hernösand	29.82	11	N	2	bc		29.83	0.0	-2	-18	N	2	c	*	0.04	18	-4						
Stockholm	29.71	23	E	4	o		29.72	-0.1	15	-8	N	2	c	*	0.08	25	14						
Wishby	29.62	28	E	2	c		29.60	-0.1	26	-1	E	4	o	*	0.04	28	25						
Karlstad	29.70	20	N	2	o		29.72	0.0	17	-9	NE	2	o	*	-	28	17						
Færder (X'ania Fjord)	29.71	25	NE	5	c		29.65	-0.1	22	-11	NE	5	c	2	-	33	19						
Bodö	29.80	13	E	2	b		29.79	-0.2	10	-4	E	2	b	1	-	16	9						
Christiansund	29.79	24	E	1	b		29.63	-0.3	22	-10	ESE	2	b	2	-	34	21						
Skudesnaes	29.69	34	NE	2	c		29.39	-0.8	33	-3	E	6	o	3	-	26	32						
The Scaw (Skagen)	29.70	32	E	2	c		29.62	-0.3	38	0	ESE	4	o	1	-	39	28						
Blaavands Huk	29.69	37	NNW	1	c		29.32	-1.2	33	-9	SE	5	s	2	0.12	45	32						
Cuxhaven	29.73	40	W	2	o		29.33	-1.6	40	0	S	3	r	*	0.12	43	37						
The Helder	29.74	45	SW	2	r		29.39	-0.7	47	+4	WSW	5	o	5	0.20	46	41						
Brussels	29.84	46	SW	3	r		29.60	-1.2	44	-2	SW	6	o	*	0.35	47	43						
Berlin	29.71	39	NW	4	o		29.55	-0.9	36	-3	S	2	o	*	0.08	41	36						
Frankfurt	29.84	47	SW	5	o		29.68	-0.3	44	+1	SW	6	o	*	0.28	48	43						
Munich	29.99	38	W	6	r		29.83	-0.2	37	-1	SW	4	r	*	0.20	41	37						
C. Gris Nez	29.89	49	W	8	r		29.54	-1.0	47	-1	WNW	6	r	6	0.39	50	45						
La Hève	30.00	45	WSW	5	o		29.66	*	44	-1	WSW	7	o	5	-	46	36						
Brest (St. Mathieu)	30.11	46	SW	4	o		29.86	-0.1	48	0	W	4	o	2	0.06	52	47						
Lorient (Bec Melen)	30.06	49	W	4	o		29.85	*	48	0	NW	3	o	4	-	50	45						
Rocheport (Ile d' Aix)	30.18	47	WSW	3	o		29.98	*	48	+4	W	3	o	*	0.08	48	43						
Biarritz	30.26	36	E	3	m		29.91	*	48	+12	SSW	4	o	2	-	48	36						
Paris	30.06	46	SW	4	o		29.81	-0.7	45	+1	SW	3	o	*	-	47	44						
Belfort	30.14	37	W	5	o		29.97	*	37	+3	W	6	f	*	0.08	37	34						
Lyons	30.23	39	N	1	o		30.07	*	39	+3	WNW	1	o	*	-	42	36						
Nice	29.92	47	-	0	o		29.94	+0.1	44	+1	E	3	c	3	-	52	43						
Perpignan	30.08	54	W	3	b		29.99	-0.2	36	-19	NW	1	b	*	-	62	35						
Sanguinaire	29.99	50	WSW	4	m		29.95	*	53	-1	E	3	m	8	-	55	45						
Corunna	30.34	50	ESE	1	o		30.22	0.0	48	+5	S	3	o	3	-	54	43						
Lisbon (8 a.m. local)																							
Gibraltar																							
Azores (P. Delgada)																							
Azores (Horta)	30.34	61	SW	2	o		30.28	-0.3	59	-2	SW	4	bc	2	-	63	59						
Madeira (Funchal)	30.22	64	ENE	0	bc		30.27	-0.1	60	-1	ENE	4	o	4	-	66	48						

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° or slightly above it in several parts of England, Wales and Ireland. At a large majority of our stations there was an entire absence of bright sunshine. Rain fell in all districts: wireless reports show that between the Irish

coast and the 15th meridian the wind was moderate to fresh from the South-Westward, with changeable weather; further to the Westward strong to high North-Westerly winds were reported, with fair weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

0 } Westerly to North-Westerly winds, freshening considerably;
1 } changeable, some snow or
2 } sleet showers.

3 } Strong or high Westerly
4 } or North-Westerly winds, moderating
5 } later: changeable, some
showers, fine intervals;
becoming colder.

FORECAST DISTRICTS.



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

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

The Storming Service

6 } Strong Westerly or North-
7 } Westerly winds, moderating
and backing later; fair at
first, then cloudy, with some
rain. Temperature fluctuating
considerably.

8 } Strong North-Westerly winds,
9 } moderating later, and backing to
the South-Westward or Southward;
fair at first, then cloudy, with
some rain. Temperature
fluctuating considerably.

11 WESTERN CHANNEL AND BAY.

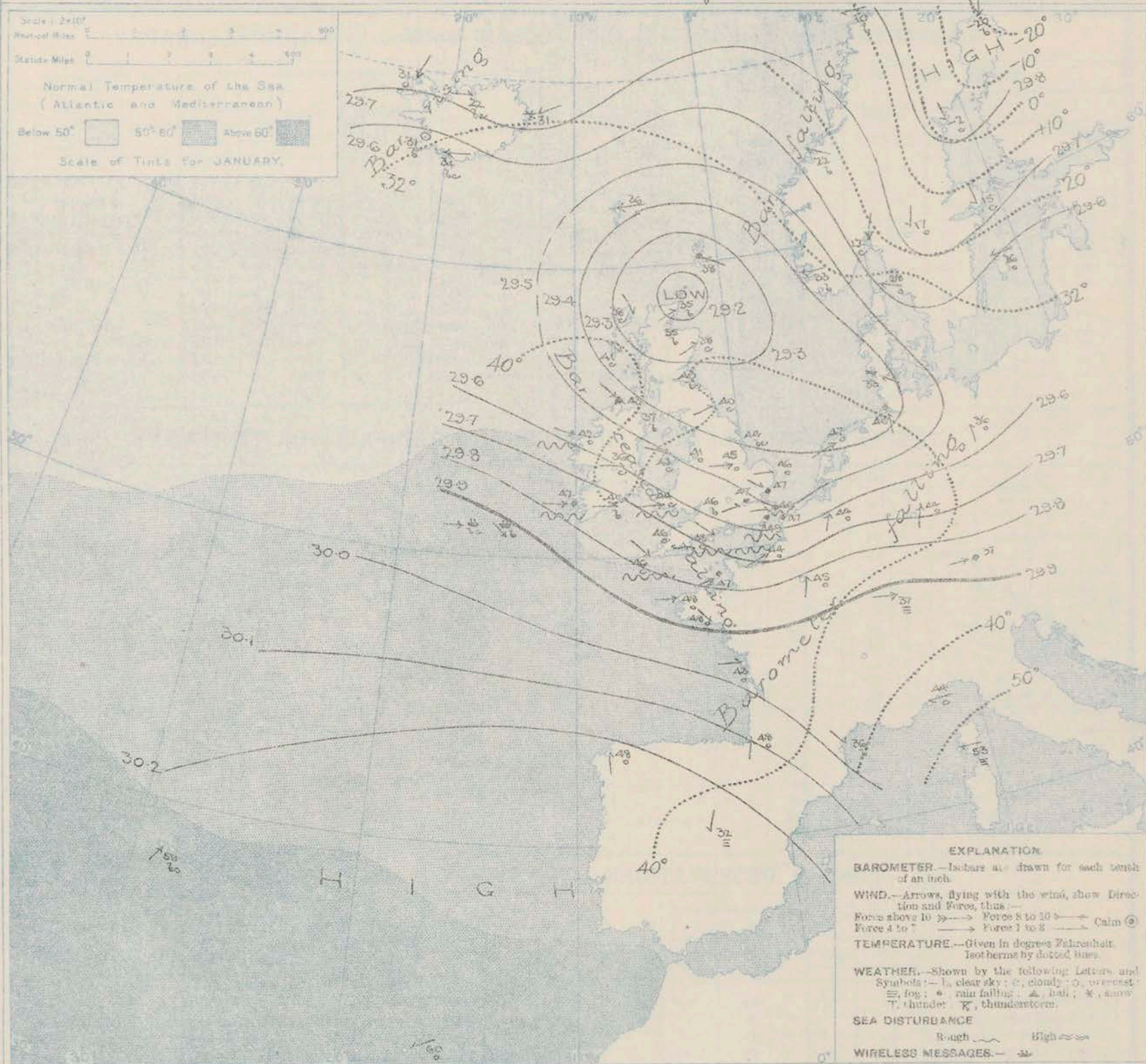
Strong North-Westerly to Westerly or South-Westerly winds, and a rough sea; squally and showery, then fair; colder.

THE FURTHER OUTLOOK. To all districts.

Changeable, but cooler weather is probable.

SYNOPTIC CHART FOR 7 A.M. Friday, 5th

JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large depression now covers the greater part of North-Western Europe, the central area being found over Carlsberg and the Orkneys. Pressure is highest over the Azores and the neighbouring portions of the Atlantic, but is relatively high over northern Sweden and the Gulf of Bothnia.

A complete cyclonic circulation of air prevails, and on our own western and southern coasts the westerly to North-Westerly wind is strong or high in force. Fresh to strong easterly or South-Easterly winds prevail in Denmark and the South of Scandinavia. Temperature has fallen decidedly

in all our more western districts. In the north and east of England the morning readings range between 46° and 49°, but at many of our northern stations the thermometer is below 40°. Hard frost prevails in Scandinavia; at Helsingfors the thermometer is 2° below zero and at Haparanda it is 25° below zero. The weather although fine at many of our western and northern stations, is in a changeable condition over western Europe generally. Rain is falling in the south east of England and in some neighbouring parts of the Continent, and snow at Helsingfors (Denmark) and also at Helsingfors. The sea is rough or rather rough on our southern and extreme western coasts.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression in the north will move away in an easterly or southeasterly direction, and in its rear the wind will freshen considerably from the North-Northwestward on our north, and east coasts. A new disturbance is apparent

by advancing over the Atlantic, and on our western seaboard the wind is likely to back shortly to the South-Northwestward or Southward.

DAILY WEATHER REPORT.

Friday, 5th January 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 Dis- turb- ance.
	Lat. N.	Long. W.		Dirac.	Force.			Lat. N.	Long. W.		Dirac.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
5th Jan. 4 a.m.	51	16	30.00	NW	8-9	Celtic	5th Jan. 7 a.m.	51	14	30.00	NW	8-9	b	-	-	-	-
do. 4 a.m.	51	14	29.93	W	6-7	Oceanic	do. 7 a.m.	51	16	29.98	W	4-5	bc	-	-	-	-
4th Jan. 3 p.m.	54	17	29.78	NW	6-7	Empress of Britain	4th Jan. 6 p.m.	54	15	29.76	NW	4-5	o	-	-	-	-
do. 3 p.m.	49	14	30.10	W	4-5	Greenland	do. 6 p.m.	49	13	30.05	W	1-3	r	-	-	-	-
do. 3 p.m.	49	14	29.96	WNW	4-5	Olympic	do. 6 p.m.	49	13	29.94	W	1-3	c	-	-	-	-
do. 3 p.m.	50	14	29.97	W	6-7	Montrose	do. 6 p.m.	50	15	29.95	NW	6-7	bc	-	-	-	-
do. 3 p.m.	50	21	30.10	WNW	6-7	Celtic	do. 6 p.m.	50	20	30.07	NW	6-7	b	-	-	-	-
do. 4 a.m.	54	23	29.90	WNW	4-5	Empress of Britain	do. 7 a.m.	54	21	29.90	WNW	4-5	c	-	-	-	-
do. 4 a.m.	49	19	30.19	S	4-5	Greenland	do. 7 a.m.	49	17	30.10	SW	1-3	o	-	-	-	-
do. 4 a.m.	49	22	30.02	SW	1-3	Olympic	do. 7 a.m.	49	19	30.00	N	4-5	c	-	-	-	-
do. 4 a.m.	50	26	30.06	W	6-7	Celtic	do. 7 a.m.	50	25	30.07	W	6-7	b	-	-	-	-
do. 4 a.m.	51	11	30.12	WSW	4-5	Montrose	do. 7 a.m.	51	12	30.08	WSW	6-7	r	-	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.	48	39	od. or	Hrs.	In.	Brighton, to 6 p.m.	48	47	*	0.0	0.05
Dublin (City), to 4 p.m.	53	50	odg. c.c.	*	0.03	Seaford, to 6 p.m.	49	46	o. r. o	0.0	0.06
Blackpool, to 9 p.m.	48	43	r. om. v	0.0	0.16	Eastbourne, to 6 p.m.	50	44	*	0.0	0.07
Southport, to 9 p.m.	48	42	o. r. o	0.0	0.33	Bexhill-on-Sea, to 9 p.m.	49	47	od. o	0.0	0.07
Rhyl, to 6 p.m.	51	47	o. r. o	0.0	0.26	Hastings ...	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	52	49	part. bc. o	0.0	0.20	Folkestone, to 6 p.m.	48	45	r. bc. r	0.0	0.06
Llandudno, to 9 p.m.	50	47	o. r. o	0.0	0.23	Deal, to 6 p.m.	49	46	op. c. or	0.1	0.05
Bettws-y-Coed, to 6 p.m.	*	*	*	0.0	*	Ramsgate, to 6 p.m.	*	*	*	0.4	0.20
Aberystwyth, to 6 p.m.	49	48	*	0.0	0.41	Margate, to 6 p.m.	49	45	b. or.	0.1	0.24
Plymouth, to 9 p.m.	50	46	op. o. or	0.0	0.06	Felixstowe, to 6 p.m.	49	46	*	0.0	0.14
Paignton, to 6 p.m.	51	47	c. cd	0.0	-	Lowestoft, to 6 p.m.	50	47	c. o. or. o	0.1	0.12
Torquay, to 6 p.m.	51	47	*	0.0	-	Skegness, to 6 p.m.	50	46	r. o	0.1	0.13
Teignmouth, to 9 p.m.	51	47	c. bc	0.0	-	Scarborough, to 9 p.m.	49	38	of	0.9	0.02
Weymouth, to 6 p.m.	50	48	c. o	0.0	-	Harrogate, to 6 p.m.	48	40	c. op. c. bc	0.0	0.06
Bournemouth, to 6 p.m.	50	46	o	0.0	-	Buxton, to 6 p.m.	*	*	*	0.0	-
Southsea, to 6 p.m.	50	47	*	0.0	0.03	Darwen, to 9 p.m.	47	40	od	0.0	0.49
Worthing, to 6 p.m.	48	45	c	0.0	-	Manchester, to 9 p.m.	49	43	od	0.0	-
						Birmingham, to 9 p.m.	49	46	o. r. o	0.0	0.17

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.			
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				5th & 6th Jan. 1912.	Sunrise	Noon	Sunset
	%	%									
Greenwich (Royal Obs.) ...	98	95	50	44	o. or	0.29	0.0	Yarmouth ...	8.5	11.58	3.51
City (Banhill Row) ...	*	*	*	*	*	*	0.0				
Westminster (St. James's Pk.)	94	88	51	45	r. e. r	0.31	0.0	Greenwich ...	8.7	12.5	4.3
Camden Sq. (Brit. Rainfall)	98	100	51	43	o. or	0.29	0.0				
Hampstead (Reservoir) ...	*	94	49	41	o. r. c	0.30	0.0	Wick ...	9.2	12.17	3.32
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Valencia ...	8.56	12.46	4.42
South Kensington ...	*	*	50	48	o. m. o. or. and. or	0.11	0.0				
" (Roof of M.O.)	98	84	51	49	*	*	*		8.56	12.47	4.43

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga ...	-	61	46	b. b	Rome ...	-	54	39	b. o
Marseilles ...	-	50	39	b. b	Vienna ...	0.08	46	41	o. r
Malta ...	-	57	53	bc	Utrecht ...	0.04	46	45	c. r
Algiers ...	-	61	50	b. b	Zürich ...	0.04	*	*	o. r
Tunis ...	-	59	45	b. o	Geneva ...	-	*	*	o. o
Palermo ...	-	60	46	o. o	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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust, haze, or smoke.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday
6th January, 1912.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						
	Barom.	Temp.	Wind.	Force	Weather.	Barometer.	Temp.	Wind.	Force	Weather.	Sea	Rain-fall.	Temp.		Sun-shine.	Weather.						
													Max.	Min.		Morn'g.	Afternoon	Night.				
	At 52° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac.	(0 to 12).		At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dirac.	(0 to 12).		(0 to 9).			Hours	7 a.m. to 1 p.m.	1 p.m. to 6 p.m.	6 p.m. to 7 a.m.			
BRITISH ISLANDS.	Lerwick	29.33	37	E	7	0		29.43	-0.2	35	-3	NE	4	bc	4	0.24	39	34	*	orm	ogs	bc
	Stornoway	29.33	38	NNW	3	cyp		29.25	-0.5	38	0	NE	5	0	5	0.22	41	35	0.0	adp	cp	bc.og
	Castlebay (Barra Isd.)	29.40	43	WNW	5	chp		29.17	-1.0	39	-2	E	2	bc	3	0.03	44	37	1.5	clh.c	chp.c	c.b.c
	Malin Head	29.46	40	NNW	5	cgh		29.11	-1.5	36	-7	N	2	bc	2	0.03	44	36	*	bepgh	bepgh	bc.c
	Blacksod Point	29.62	40	WNW	6	0																
	Valencia	29.76	44	WSW	4	chp		28.94	-0.6	52	+10	SW	6	0	5	1.02	53	40	3.2	c.b.c	c.b.c	or
	Roche's Point	29.77	41	NW	3	bc		28.94	*	52	+12	WSW	5	0	5	0.55	52	39	*	cp	cg.bc	c.or.c
	Birr Castle	29.65	38	WNW	3	c		28.91	*	40	+4	SE	4	r	*	0.46	43	36	3.4	bc	cp	or
	Donaghadee	29.50	38	WSW	2	bc		29.18	-1.7	37	0	WSW	1	0	1	Trace	41	35	*	bcp	bc	og
	Liverpool Obsy.	29.51	40	W	6	c		29.27	-1.6	38	-3	SE	3	0	3	0.11	43	37	1.9	bcp	bcp	bc
	Holyhead	29.58	42	WNW	7	bc		29.14	-2.2	40	-2	SE	4	r	3	0.08	43	38	*	bc	c	rgm
	Pembroke (St Ann's Hd.)	29.70	44	W	6	bc		29.01	-1.5	45	+1	SSE	7	sq	6	0.55	46	42	2.7	cg	cg	bcg.r
	Newquay	29.79	46	WNW	6	c		29.08	*	51	+5	SW	7	od	4	0.45	51	43	3.3	c.b.c	c	od
	Silly (St. Mary's)	29.84	45	WNW	6	cypm		29.12	-1.9	52	+6	WSW	7	orm	6	0.43	52	43	3.2	bfg	qph	qpm
	Jersey (St. Aubin)	29.84	45	WNW	5	orgm		29.48	*	46	-1	SW	4	opmg	3	0.16	51	44	2.2	op.bep	cg.opg	cm
	Portland Bill	29.75	44	NW	6	c		29.36	-1.5	47	-1	WSW	6	r	5	0.17	48	42	3.2	q	cp	bc.or
	Dungeness	29.57	42	WNW	6	c		29.48	-0.5	44	-5	WSW	3	cu	3	Trace	48	39	3.4	cg	c	bc.or
	Dover	29.59	40	SW	4	b		29.50	*	39	-7	SW	3	rg	4	0.13	47	36	2.4	c.b.c	bc.b	b.b.c
	Wick	29.16	41	NE	2	bc		29.24	-0.2	37	+2	ESE	5	0	6	0.26	42	34	*	bc	c.bcp	0
	Nairn	29.17	41	WNW	3	c		29.22	*	34	-1	SSE	1	0	1	0.08	41	34	0.8	0	c.o	r.o
	Aberdeen	29.14	36	SSW	1	r		29.25	-0.5	36	-2	E	5	0	4	0.20	39	33	1.9	c.b	bc.ots	or.cop
	Leith	29.21	40	W	4	c		29.27	-0.8	35	-5	SE	1	0	2	*	41	35	*	bc	bc.c	b
	North Shields	29.30	39	W	3	c		29.25	-0.6	37	-3	SW	1	0	2	*	42	34	2.7	c	c	0
	Spurn Head	29.38	40	WSW	6	bc		29.35	-0.1	39	-5	WSW	5	og	5	*	45	37	*	cg	bcg	bcg.cq
Yarmouth	29.42	39	W	4	b		29.42	-0.5	37	-9	W	4	0	2	Trace	47	36	2.3	o.b.c	bc.b	b.b.c	
Clacton-on-Sea	29.52	40	W	4	bc		29.46	-0.7	39	-8	SW	2	0	2	0.11	47	36	2.1	or.c	clonsh	bc.b.og	
Nottingham	29.51	37	WNW	5	c		29.37	*	38	-7	SW	2	0	*	0.24	45	37	0.6	o.cfm	ots.c	c.b.p	
Bath	29.68	42	W	6	b		29.32	*	41	-5	S	2	r	*	0.14	45	39	5.7	-	-	-	
Oxford	29.64	37	WSW	5	b		29.31	*	38	-5	SE	3	r	*	0.14	45	37	*	qph.c	c.b.c	b.or	
London (Kew Obsy.)	29.62	41	WSW	3	b		29.43	-0.8	39	-8	S	1	or	*	0.04	47	38	2.9	or.c.b.c	bc.b	b.b.c.or	
ICELAND & FAEROE.	Isafjord	29.73	32	NE	6	c		29.63	-0.4	37	+1	NE	4	bc	*	*	*	*	*	*	*	
	Reykjavik	29.58	31	-	0	b		29.48	-1.0	26	-5	NE	3	b	*	*	*	*	*	*	*	
	Seydisfjord	29.72	26	SW	3	c		29.64	-0.3	27	-9	-	0	bc	*	*	*	*	*	*	*	
	Thorshavn	29.52	33	NE	7	3		29.48	-0.3	37	-4	ENE	5	c	*	*	*	*	*	*	*	
SCANDINAVIA.	Haparanda	29.75	-124	-	0	b		29.59	-0.5	-25	-5	S	2	0	*	-	-18	-29	*	*	*	*
	Hernösand	29.79	0	N	2	0		29.64	1.00	4	+6	N	2	0	*	0.08	5	-2	*	*	*	*
	Stockholm	29.60	24	SSE	4	0		29.58	0.00	21	+6	E	6	0	*	0.04	25	12	*	*	*	*
	Wisby	29.48	23	E	6	0		29.43	-0.1	20	-6	E	6	0	*	0.08	27	18	*	*	*	*
	Karlstad	29.52	19	ENE	4	0		29.53	0.00	18	+1	ENE	2	0	*	*	21	16	*	*	*	*
	Färder (X'tania Fjord)	29.44	23	NE	6	0		29.47	+0.2	23	+1	NE	6	0	2	7	23	19	*	*	*	*
	Bodö	29.66	9	E	4	b		29.42	-1.2	13	+3	E	2	b	2	-	13	9	*	*	*	*
	Christiansund	29.53	19	ESE	1	b		29.49	-0.6	20	-2	E	1	b	2	-	2	7	*	*	*	*
	Skudesnaes	29.39	29	ENE	4	c		29.42	-1.9	32	-1	ENE	2	b	2	-	23	7	*	*	*	*
	The Scaw (Skagen)	29.33	30	ESE	4	0		29.35	+0.4	30	-8	SE	4	5	1	0.04	29	28	*	*	*	*
Blavands Huk																						
GERMANY, &c.	Cuxhaven	29.15	41	W	5	0		29.19	-0.1	38	-2	SW	3	0	0	0.28	45	37	*	*	*	*
	The Helder	29.30	43	W	7	r		29.34	-0.1	43	-4	WSW	7	0	6	0.12	47	37	*	*	*	*
	Brussels	29.55	39	W	6	0		29.56	-0.3	37	-7	SW	3	0	+	0.16	44	35	*	*	*	*
	Berlin	29.14	42	W	3	0		29.23	+0.4	39	+3	W	7	0	*	0.83	45	34	*	*	*	*
	Frankfurt	29.49	40	SW	6	bc		29.57	0.00	38	-6	SW	6	bc	*	0.08	48	37	*	*	*	*
	Munich	29.63	41	W	6	c		29.73	-0.1	34	-3	W	6	b	*	0.08	41	32	*	*	*	*
FRANCE.	C. Gris Nez	29.60	45	W	7	b		29.51	-0.8	44	-3	W	6	r	5	0.35	50	41	*	*	*	*
	La Hève	29.74	44	WNW	7	0		29.58	*	40	-4	S	6	r	5	0.16	46	37	*	*	*	*
	Brest (St. Mathieu)	29.97	47	NW	5	c		29.42	-2.2	50	+2	SW	8	r	5	0.04	52	48	*	*	*	*
	Lorient (Bec Melen)	29.95	48	NW	5	0		29.48	*	51	+3	SW	7	r	6	0.35	52	43	*	*	*	*
	Rocheport (Ile d'Aix)	30.02	50	NW	4	0		29.83	*	50	+2	WSW	5	r	*	0.08	50	46	*	*	*	*
	Biarritz	30.15	50	WSW	5	0		30.05	*	50	+2	SW	3	0	3	0.12	52	48	*	*	*	*
	Paris	29.78	42	WNW	4	b		29.71	-0.7	40	-5	SW	3	r	*	0.08	46	38	*	*	*	*
	Belfort	29.81	37	WSW	7	r		29.35	*	36	-1	WSW	7	0	+	0.08	39	34	*	*	*	*
	Lyons	29.98	41	SE	2	0		29.99	*	38	-1	SSW	1	0	+	-	44	37	*	*	*	*
SPAIN, PORTUGAL, &c.	Nice	29.80	46	E	4	c		29.73	-0.2	43	-1	-	0	b	2	-	54	41	*	*	*	*
	Perpignan	30.03	52	NW	4	b		30.01	-0.1	49	+13	SW	2	0	+	-	55	36	*	*	*	*
	Sanguinaire	29.97	51	NW	4	m		29.92	*	53	0	WNW	7	c	7	-	55	43	*	*	*	*
	Corunna	30.06	54	NW	2	b		30.13	-0.8	53	+3	SW	3	0	3	0.04	55	48	*	*	*	*
	Lisbon (8 a.m. local)																					
Gibraltar	30.13	53	NW	3	b		30.05	*	50		NW	4	b	*	-	*	*	*	*	*	*	
Azores (P. Delgada) (6 a.m. local)																						
Azores (Horta)	30.21	61	SSW	5	0		30.16	+0.1	61	+2	SW	5	0	4	-	63	59	*	*	*	*	
Madeira (Funchal)																						

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

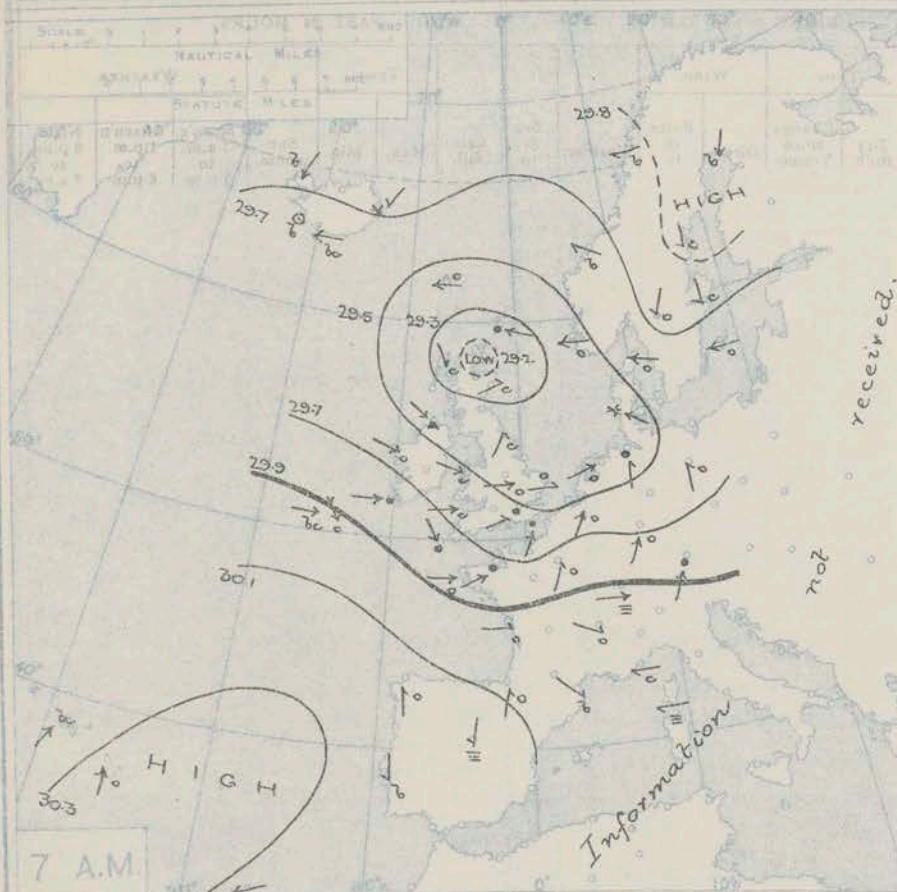
* Information for these columns not usually received.

† Received too late for insertion in Charts.

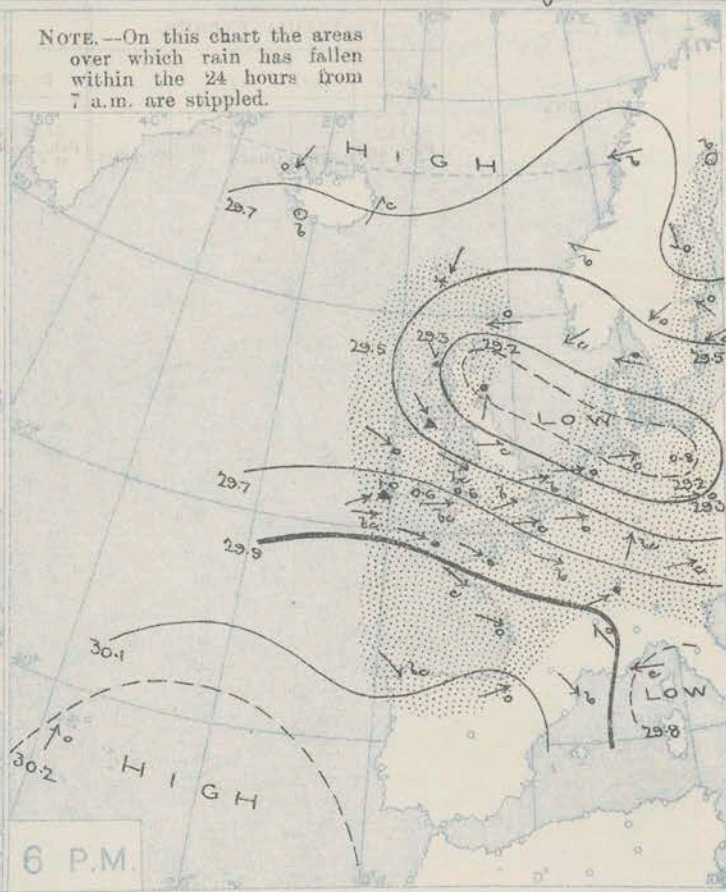
DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS

Lerwick 9 a.m. to 6 p.m. ESE 8.
 Seitz 6 a.m. WSW 8 in Squall.
 Dover 2 a.m. 51 miles per hour in Squall.

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



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.

Over the northern and central parts of the United Kingdom the thermometer yesterday failed to reach 45°, and at Aberdeen it did not exceed 39°. Considerable amounts of bright sunshine were recorded at the south coast stations and in the west of England. Rain, hail or sleet was

experienced generally, thunder occurred at Dover, and lightning at Donaghadee. Wireless reports show that as far west as the 16th meridian ships experienced moderate to strong winds from West or North-West, and fair weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SATURDAY

TO NOON SUNDAY

0 } Easterly winds, increasing in force, a gale in places; dull, unsettled, some snow or sleet; cold.

2 } Southerly and South Easterly winds, increasing in force; dull, unsettled, some cold rain or sleet.

3 } South. Easterly to Westerly winds, increasing to a gale; dull and rainy at first, improving temporarily later; temperature fluctuating considerably.

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 } Easterly and North Easterly winds, freshening considerably; fair at first, some snow or sleet later; cold.

7 } South. Easterly winds, shifting later to the North-Westward; squally and rainy at first, improving temporarily later; temperature fluctuating considerably.

8 } South. Westerly to North Westerly gales and high winds; squally and rainy at first, improving temporarily later, and becoming colder.

9 } Same as No. 6 a.

10 } Same as No. 8.

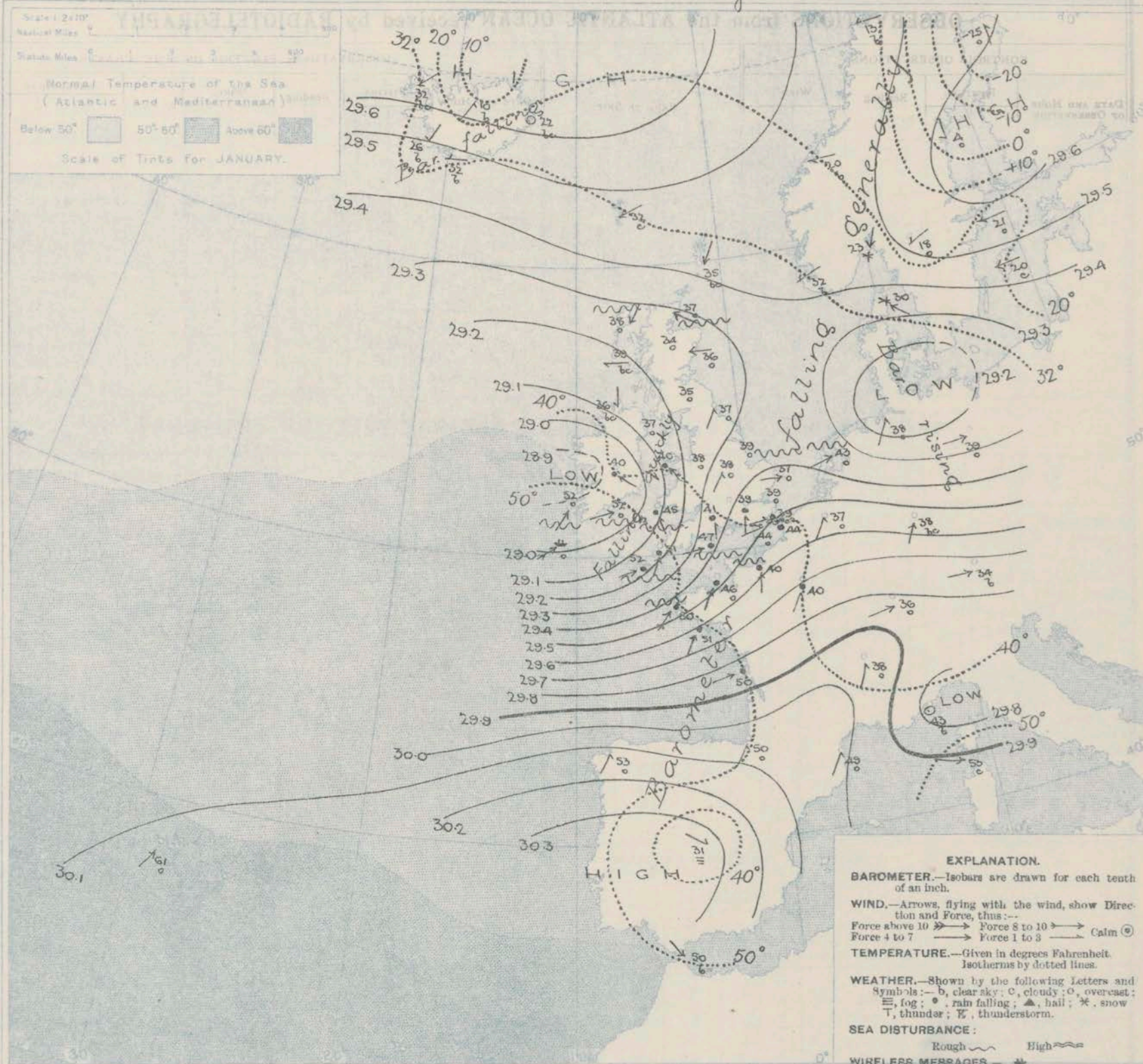
11 WESTERN CHANNEL AND BAY.

South. Westerly to Westerly and North Westerly gale and high winds, with a high sea; squally and rainy at first, improving temporarily later.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Saturday, 6th

JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

In the course of the past night a deep depression has arrived suddenly off the south-west of Ireland. A rapid decrease in pressure is consequently in progress over our western and southern districts generally, and over the Channel and Bay the barometric gradient is already steep.

Strong or high winds from the south-westward have set in on our south and south-west coasts, and in the west of France. In Scandinavia, Scotland and northward as far as Iceland, the wind is easterly or north-easterly. Temperature has risen decidedly on our south-west coasts,

where the readings of the thermometer are now a trifle above 50°. In nearly all other parts of the United Kingdom the readings are below 40°, and in central Scotland they are below 35°. Hard frost still prevails in Scandinavia and in eastern Iceland. Rain is falling very generally in the west and south of our islands and the north and west of France; and snow in the neighbourhood of the Skager Rack. In the west of Scotland, Iceland and the west of Norway the weather is fine. The sea is rough on our western and southern coasts, and also off the north of Scotland.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The deep depression over the south of Ireland will advance in an easterly direction across the country, and will occasion rough, unsettled weather in all districts. Gales from South-west, veering to West or

North-west, are probable on our southern coasts, and a decided increase of wind from the Eastward will take place in the north and east of Scotland.

DAILY WEATHER REPORT.

Saturday 6th January 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. Dis- turb- ance.
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air.		Sea.	
														Dry Bulb.	Wet Bulb.		
	*	*	In.				*	*	In.				*	*	*		
6th Jan. 4am.	50	10	29.08	SW	8-9	Minnehaha Celtic	6th Jan. 7am.	50	10	29.06	WSW	8-9	o	-	-	-	
5th Jan. 3pm.	51	11	29.85	WNW	6-7		5th Jan. 6pm.	51	10	29.81	WNW	6-7	bc	-	-	-	

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.		TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.		TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
		Max.	Min.						Max.	Min.			
Oban, to 6 p.m.	...	48	39	r. cp. bc. h. o	1.0	0.22	Brighton, to 6 p.m.	...	47	46	*	3.2	0.22
Dublin (City), to 4 p.m.	...	42	37	cp. 3. bc	*	*	Seaford, to 6 p.m.	...	48	42	bc. 6	4.2	0.27
Blackpool, to 9 p.m.	...	47	35	*	1.6	0.44	Eastbourne, to 6 p.m.	...	49	42	*	4.3	0.28
Southport, to 9 p.m.	...	48	*	*	1.3	*	Bexhill-on-Sea, to 9 p.m.	...	49	41	o. bc. 6	4.0	0.13
Rhyl, to 6 p.m.	...	43	41	*	2.3	0.30	Hastings ...	...	*	*	*	4.1	*
Colwyn Bay, to 6 p.m.	...	43	39	bc. ar. c	0.3	0.19	Folkestone, to 6 p.m.	...	48	37	or. bc. h. o	1.9	0.42
Llandudno, to 9 p.m.	...	49	40	or. c. h. o	0.0	0.26	Deal, to 6 p.m.	...	50	38	or. bc. c. q	2.1	0.27
Bettws-y-Coed, to 6 p.m.	...	*	*	*	*	*	Ramsgate, to 6 p.m.	...	*	*	*	1.6	0.33
Aberystwyth, to 6 p.m.	...	45	42	*	0.3	0.20	Margate, to 6 p.m.	...	47	40	r. bc. o. q	0.5	0.26
Plymouth, to 9 p.m.	...	50	42	bc. bc. bc. q	4.6	0.22	Felixstowe, to 6 p.m.	...	46	38	*	2.4	0.26
Paignton, to 6 p.m.	...	47	39	cd. or. bc. q	4.5	0.23	Lowestoft, to 6 p.m.	...	46	39	c. op. q. h. o	2.3	0.10
Torquay, to 6 p.m.	...	47	43	*	4.7	0.14	Skegness, to 6 p.m.	...	44	36	r. bc. 6	2.0	0.06
Teignmouth, to 9 p.m.	...	50	41	bc. q. 6	4.1	0.19	Scarborough, to 9 p.m.	...	44	39	bc	2.1	0.24
Weymouth, to 6 p.m.	...	46	40	q. p. c. bc	3.2	0.23	Harrogate, to 6 p.m.	...	41	35	c. op. c. bc. 6	1.5	0.26
Bournemouth, to 6 p.m.	...	45	40	r. c. bc. 6	5.0	0.20	Buxton, to 6 p.m.	...	38	34	or. c. bc. c	0.0	0.23
Southsea, to 6 p.m.	...	46	45	*	5.5	0.12	Darwen, to 9 p.m.	...	47	35	or. ph. cu	0.1	0.68
Worthing, to 6 p.m.	...	46	40	c. 6	4.3	0.16	Manchester, to 9 p.m.	...	42	39	op. ch. c	0.2	0.37
							Birmingham, to 9 p.m.	...					

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.					
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				6th Jan 1912.	Sunrise	Noon	Sunset		
24 HOURS ENDED AT 9 A.M. TO-DAY.													
Greenwich (Royal Obs.) ...	% 73	% 95	45	37	b. bc. op. r. s. o. or	In. 0.12	Hrs. 2.2	Yarmouth Greenwich Wick Valencia	{	G.M.T. 8.5 11.59	G.M.T. 11.59	G.M.T. 3.52 3.54	
City (Bunhill Row)	% *	% *	*	*	*	*	?						
Westminster (St. James's Pk.)	% 65	% 93	48	38	r. s. u. e. r	0.14	2.1						
Camden Sq. (Brit. Rainfall)	% 69	% 96	46	37	bc. od. b. om	0.18	2.0						
Hampstead (Reservoir) ...	% *	% 99	43	35	bc. or. om	0.17	3.2						
24 HOURS ENDED AT 6 P.M. YESTERDAY.													
South Kensington ...	% *	% *	51	41	or. o. cd. c. bc. h. p. c. 6	0.28	{	2.2	{	8.50	12.47	4.43	
" " (Roof of M.O.)	% 64	% 94	47	42									*	*	8.49	12.47	4.44

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga ...	In.	*	*		Rome ...	In.	*	*	
Marseilles ...					Vienna ...				
Malta ...					Utrecht ...				
Algiers ...					Zürich ...	*	*		
Tunis ...					Geneva ...	*	*		
Palermo ...					Lugano ...	*	*		

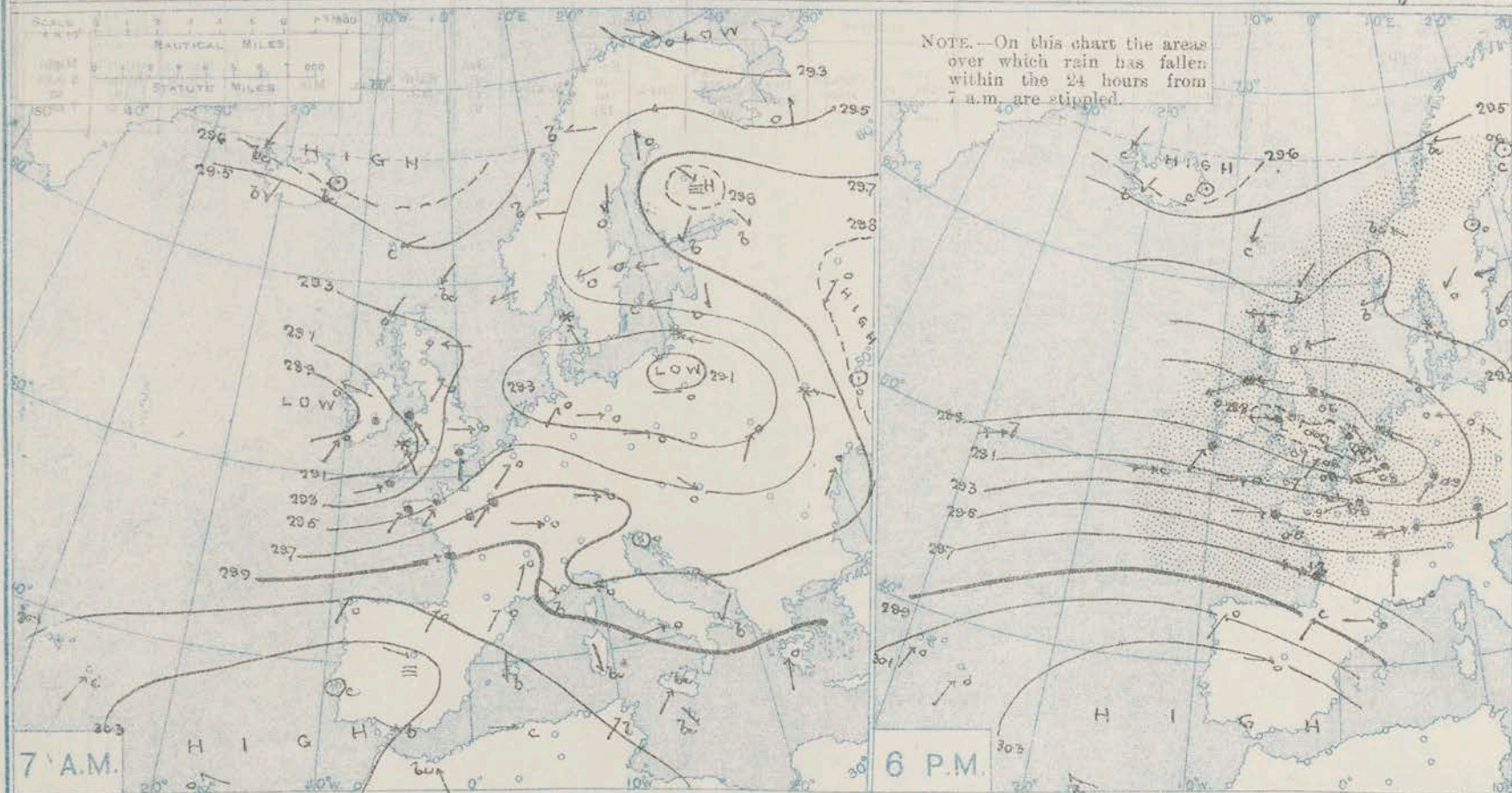
NOTE.—The information relating to weather is indicated by the following letters:—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain;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

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

Sunday,
7th January, 1912.

† Received too late for insertion in Charts.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday, or in the night, the thermometer rose to a little above 50° at several places in the west and south of the United Kingdom, but in the north the maxima were much lower—below 40° in some localities. Heavy rain has fallen over a wide area in the south, and heavy snow and sleet over the midlands and in the north.

Heavy rain has also been experienced in France, more than an inch at Lattre and Rochefort. Gales from the W.nd have occurred on some parts of our southwestern and southern coasts, and from the N.E.nd on the northeast coast of Great Britain. Wireless reports show that strong W.nd winds and gales have been general as far west as the Azores.

WEATHER PROSPECTS.

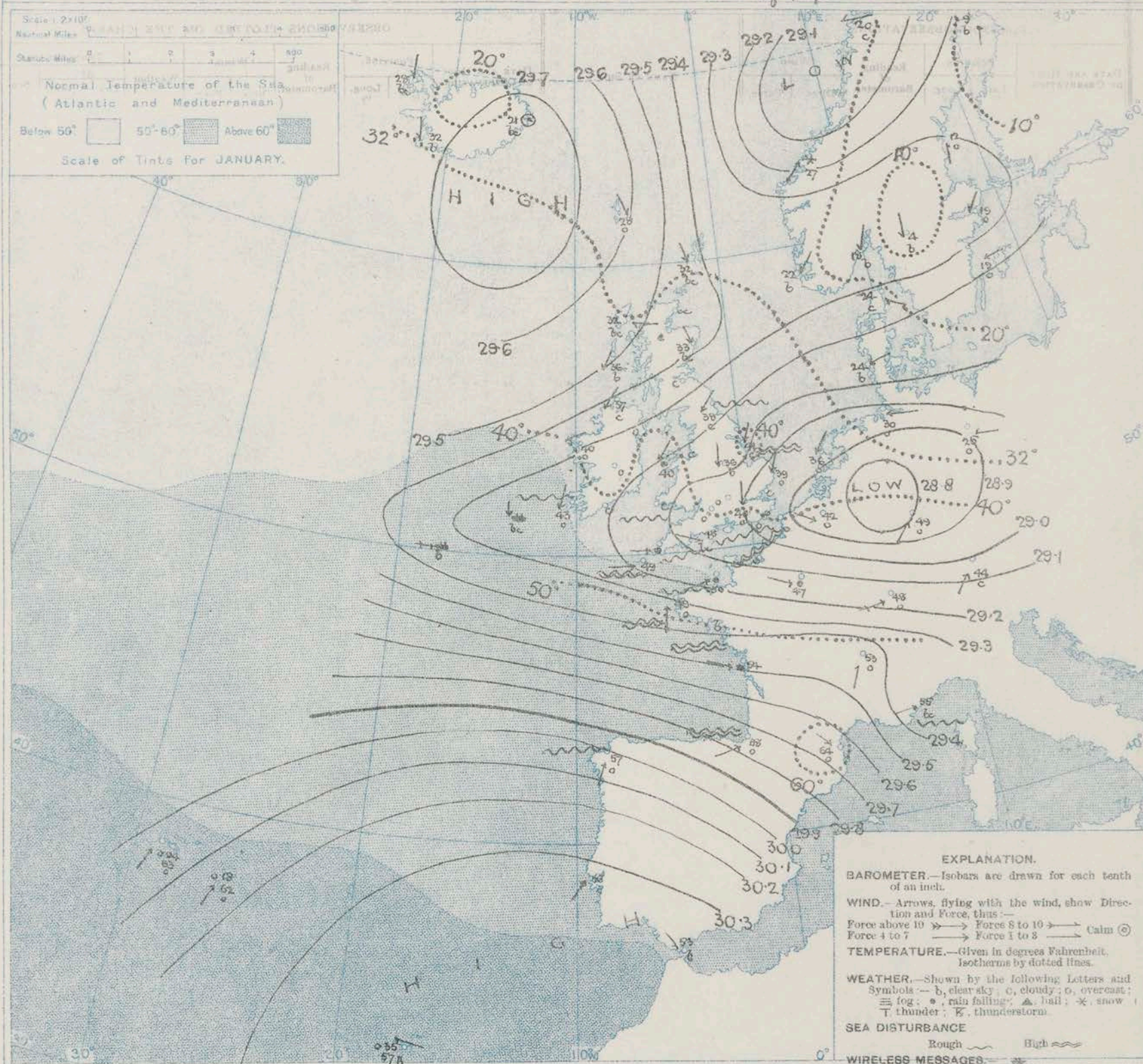
FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY

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THE FURTHER OUTLOOK.

11 WESTERN CHANNEL AND BAY.

SYNOPTIC CHART FOR 7 AM. Sunday, 7th JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is below 28.8 in. in a depression with its central area over Belgium and Rhenish Prussia, and below 29.1 in. in another system in the northwest of Norway, while it is relatively high between the Faeröe and Iceland, and above 30.3 in. between Portugal and Madeira. The gradient is steep over France, the Bay of Biscay, and the north of Spain.

The wind is strong or high from the W.nd over the English Channel and high to a gale over the Bay and France, while it blows strongly from the S.W.nd in South Germany, and

from the N.E. ^W in the coast of Holland. Over the greater part of these islands it is moderate to high from N.E. According to a wireless report a gale from N. prevails in Lat 50°, long. 18°. Temperature has risen over the Peninsula, France and South Germany, and also in the north of Scandinavia, fallen generally elsewhere. Over the United Kingdom it ranges from 50° at Jersey and 49° at Scilly to 35° or slightly lower in the east of Scotland, and to 32° at Stornoway. Severe frost prevails in Scandinavia, and sharp frost in Denmark and N. Germany. Rain is falling at Holyhead, Newquay and Jersey, & over these islands as a whole there is much cloud. The sky is also very cloudy or overcast at most stations on the Continent, with snow at Christianmunde & some at Lissa and Rotherfort.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

DAILY WEATHER REPORT.

Sunday, 7th January, 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.		
	Lat. N.	Long. W.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.
7th January 4 a.m.	51	12	29.09	WNW	6-7	Hesperian.	7th January 7 a.m.	51	13	29.26	N	4-5	bc	-	-	-
" " 5 p.m.	50	17	29.18	W	8-9	Minchaha	" " 6 p.m.	50	18	29.35	W	8-9	c	-	-	-
6th " 3 p.m.	50	14	29.08	W	8-9	do.	" " 7 a.m.	50	14	29.13	W	8-9	c	-	-	-
" " 4 a.m.	50	26	29.95	WSW	6-7	Oceanic	" " 7 a.m.	50	27	28.95	WSW	8-9	b	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
				Hrs.	In.					Hrs.	In.
Oban, to 6 p.m.						Brighton, to 6 p.m.			*		
Dublin (City), to 4 p.m....	43	37	c. q. r. g. d. y.	*	0.79	Seaford, to 6 p.m.	49	37	m. o	0.0	0.91
Blackpool, to 9 p.m.	42	30	o. r. h. s. o	0.0	0.34	Eastbourne, to 6 p.m.			*		
Southport, to 9 p.m.	37	33	bc. o. r. s	0.0	0.46	Bexhill-on-Sea, to 9 p.m....	51	38	o	0.0	0.66
Rhyl, to 6 p.m....	40	36	o. r. o	0.0	0.27	Hastings	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	41	36	o	0.0	0.19	Folkestone, to 6 p.m.	50	36	bc. r	0.0	0.46
Llandudno, to 9 p.m.	43	34	c. o. k. r.	0.0	0.46	Deal, to 6 p.m....	51	37	q. r. g.	0.0	0.53
Bettws y-Coed, to 6 p.m....					*	Ramsgate, to 6 p.m.	*	*	*	0.0	0.12
Aberystwyth, to 6 p.m.	49	38		0.0	0.17	Margate, to 6 p.m.	52	37	o	0.0	0.31
Plymouth, to 9 p.m.	52	41	o. r. q. q.	0.0	0.86	Felixstowe, to 6 p.m.	44	37	*	0.0	0.32
Paignton, to 6 p.m....	54	39	bc. p. o. r. c. bc	0.0	0.76	Lowestoft, to 6 p.m.					
Torquay, to 6 p.m.	54	39	*	0.0	0.68	Skegness, to 6 p.m....	40	36	o. r	0.0	0.30
Teignmouth, to 9 p.m.	53	40	r. q. p	0.0	0.55	Scarborough, to 9 p.m.	39	34	o. r	0.0	-
Weymouth, to 6 p.m.	52	40	b. o. r. c	0.0	0.89	Harrogate, to 6 p.m.	37	32	bc. bc. o. s	0.0	0.47
Bournemouth, to 6 p.m....	51	38	o. r	0.0	0.60	Buxton, to 9 p.m.	38	31	s	0.0	0.07
Southsea, to 6 p.m....	51	39	*	0.0	0.41	Darwen, to 9 p.m.	38	32	c. o. r. s	0.0	0.46
Worthing, to 6 p.m.	49	38		0.0	?	Manchester, to 9 p.m.	37	35	q. p. o. s	0.0	0.33
Carnoustie, to 6 p.m.	40	32	bc. r	0.0	-	Birmingham, to 9 p.m.	47	32	r. y. s. o	0.0	0.37

LONDON OBSERVATIONS.

								TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.			
STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.				
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.							
24 HOURS ENDED AT 9 A.M. TO-DAY.								7th January, 1912	Sunrise	Noon	Sunset
	%	%				In.	Hrs.		G.M.T.	G.M.T.	G.M.T.
Greenwich (Royal Obsy.) ...	96	86	61	38	o. or	0.43	0.0	Yarmouth } Greenwich } Wick } Valencia... .. }	8.4	12.59	3.54
City (Bunhill Row)	*	*	*	*	*	*	0.0		8.4	12.0	3.56
Westminster (St. James's Pk.)	99	84	52	39	no bc	0.42	0.0		8.6	12.6	4.6
Camden Sq. (Britt. Rainfall)	100	91	52	39	or o. or	0.67	0.0		8.6	12.7	4.8
Hampstead (Reservoir) ...	*	91	50	37	o. or c	0.67	0.0		9.0	12.18	3.36
34 HOURS ENDED AT 6 P.M. YESTERDAY.									9.0	12.19	3.38
South Kensington ...	*	*	51	38	} 6. bc o. r. o. or o }	0.43	*	8.49	12.47	4.41	
" " (Roof of M.O.)	96	86	51	39		*	0.0	8.49	12.48	4.46	

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,
81 January, 1912.

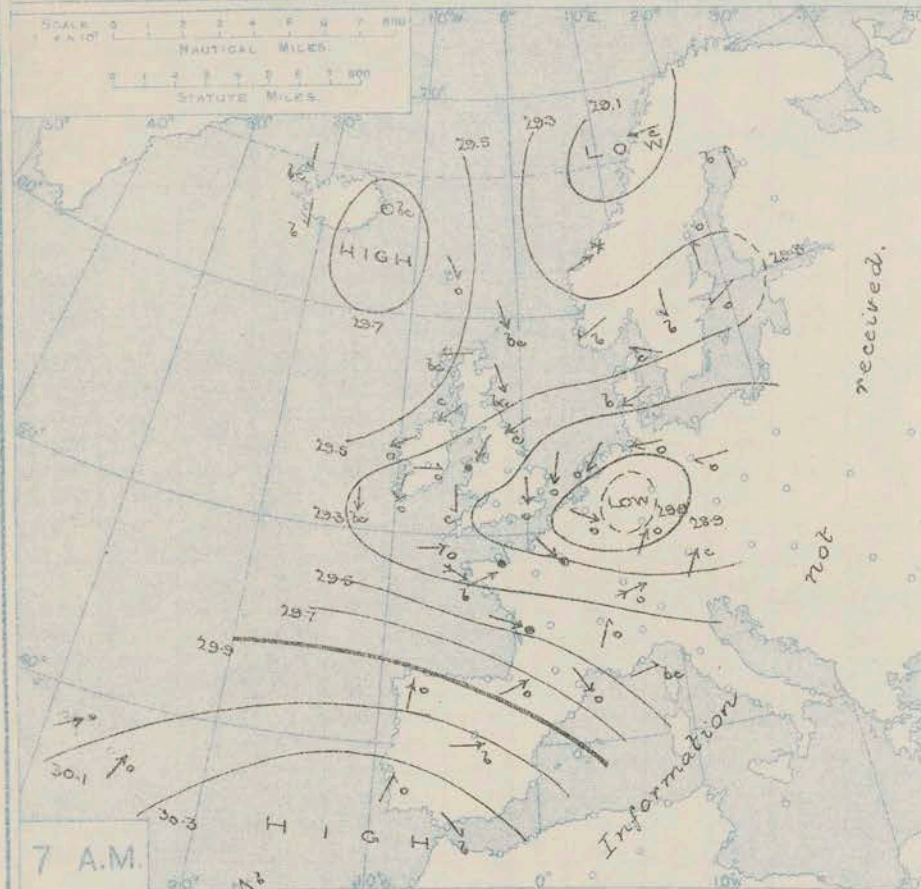
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temp.		Wind.		Sea (0 to 9).	Rain-fall.	Temp.		Sun-shine.	Weather.					
				At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.		Dirac.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.			Dirac.	Force (0 to 12).		Max.	Min.	Morn'g 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.	
		In.	°				In.	In.	°	°					In.	°	°	Hours					
BRITISH ISLANDS.	Lerwick	29.71	32	NNW	4	bc	29.88	+0.2	33	+1	NNW	3	c	2	0.02	34	28	*	cp	cp	b		
	Stornoway	29.90	35	NW	3	cp	29.85	-0.6	35	+3	SE	4	c	4	0.04	36	27	1.6	bc	bc	bc		
	Castlebay (Barra Isd.)	29.92	37	N	2	b	29.76	-0.7	38	+2	SE	5	ag	5	-	39	34	6.0	b	b	b		
	Malin Head	29.91	33	S	2	b	29.42	-0.9	35	+2	S	3	bc	2	-	38	30	*	bc	bc	bc		
	Blacksod Point	29.84	38	ENE	4	c	29.37	-0.14	38	-2	SE	7	r	5	0.15	40	35	*	bc	bc	bc		
	Valencia	29.81	41	E	2	bc	29.39	-0.16	42	+6	SE	7	m	5	0.33	42	40	4.3	bc	bc	bc		
	Roche's Point	29.85	39	NNE	1	b	29.59	*	45	+3	SSE	6	r	5	0.30	46	35	*	cg	cg	bc		
	Birr Castle	29.87	31	E	1	b	29.52	*	39	+2	SE	4	r	*	0.16	40	30	4.0	sp	bc	or		
	Donaghadee	29.88	38	NNE	4	b	29.83	-0.09	39	-1	SSE	4	c	3	-	40	30	*	bc	b	bc		
	Liverpool Obsy.	29.86	35	NNE	3	b	29.95	-0.02	31	-6	SE	3	o	2	-	38	30	3.5	bc	b	c		
	Holyhead	29.82	38	ENE	3	bc	29.85	-0.04	34	-6	SE	3	oc	2	0.03	41	32	*	rgm	bc	om		
	Pembroke (St. Ann's Hd.)	29.82	38	NE	2	b	29.77	-0.05	42	0	SE	6	agm	6	-	43	35	3.7	cg	bc	b		
	Newquay	29.80	40	S	2	bc	29.79	*	43	-3	S	4	r	4	0.27	47	33	1.9	cp	bc	b		
	Scilly (St. Mary's)	29.77	45	NNE	3	bc	29.75	-0.07	47	-2	SSE	6	orm	6	0.05	50	42	3.2	cmg	cm	c		
	Jersey (St. Aubin)	29.68	44	NNE	4	cp	29.97	*	44	-6	SE	4	om	3	0.05	52	35	1.2	rg	cp	bc		
	Portland Bill	29.75	39	NNE	3	b	29.94	-0.05	44	-4	SSE	3	c	4	0.02	48	35	1.6	sp	o	bc		
	Dungeness	29.64	42	NNE	5	c	29.99	*	31	-12	WNW	2	bc	2	Trace	42	29	0.0	cg	chp	cp		
	Dover	29.69	35	NNE	1	b	30.02	*	28	-10	NW	1	b	2	0.23	40	28	0.5	or	bc	or		
	Wick	29.80	36	NNE	3	bc	29.92	-0.01	30	-5	NNW	1	c	1	0.01	36	29	*	bc	bc	cp		
	Nairn	29.86	31	WSW	1	o	29.94	*	24	-11	-	0	c	1	-	36	24	3.0	bc	c	c		
	Aberdeen	29.81	33	WNW	4	bc	29.94	0.00	28	-5	WNW	2	bc	2	0.02	35	28	4.0	bc	bc	bc		
	Leith	29.86	34	NNW	2	b	29.92	-0.02	26	-9	W	1	cg	*	-	40	25	*	c	bc	b		
	North Shields	29.79	35	NE	3	chp	29.97	0.00	27	-11	NNW	2	bc	4	0.01	40	25	3.2	bc	chp	bc		
	Spurn Head	29.71	38	NE	6	bc	29.95	0.00	34	-7	NW	2	bc	5	0.06	?	30	*	chp	chp	bc		
Yarmouth	29.65	36	NW	3	o	29.97	+0.02	31	-8	W	1	b	1	-	41	30	1.8	bc	bc	b			
Clacton-on-Sea	29.64	38	NNW	2	c	29.99	+0.01	32	-7	WNW	2	f	1	Trace	42	31	0.1	c	o	bc			
Nottingham	29.76	37	NNW	4	c	29.97	*	27	-9	SW	1	m	*	-	40	25	2.1	b	bc	bc			
Bath	29.74	38	N	1	b	29.95	*	30	-10	E	1	o	*	0.01	42	28	0.7	-	-	-			
Oxford	29.83	33	NW	2	b	29.99	*	30	-9	E	1	c	*	-	40	28	*	o	o	bc			
London (Kew Obsy.)	29.75	38	N	2	b	30.01	0.00	31	-9	-	0	om	*	Trace	42	30	0.0	om	o	bc			
ICELAND & FAEROE.	Isafjord	29.61	39	W	6	c	29.57	-0.00	37	+9	W	5	b	*	*	*	*	*	*	*	*		
	Reykjavik	29.67	36	E	3	o	29.40	-0.11	36	+4	E	5	c	*	*	*	*	*	*	*	*		
	Seydisfjord	29.88	22	-	0	c	29.82	-0.02	19	-2	-	0	bc	*	*	*	*	*	*	*	*		
	Thorshavn	29.87	26	NW	2	c	29.92	-0.03	26	-2	-	0	c	*	*	*	*	*	*	*	*		
SCANDINAVIA.	Haparanda	29.32	12	SW	6	s	29.52	+0.07	16	-3	SW	4	s	*	0.28	18	5	*	*	*	*		
	Hernösand	29.38	-2	-	0	o	29.55	+0.08	-2	-14	-	0	o	*	-	14	-4	*	*	*	*		
	Stockholm	29.44	17	NNE	2	o	29.62	+0.04	8	-11	NW	2	b	*	Trace	19	14	*	*	*	*		
	Wisby	29.25	19	E	4	bc	29.56	+0.07	23	+4	N	4	o	*	0.12	23	16	*	*	*	*		
	Karlstad	29.49	14	-	0	b	29.68	+0.04	21	-2	NNW	2	b	*	-	9	1	*	*	*	*		
	Færder (X'tania Fjord)	29.45	19	N	2	o	29.67	+0.05	16	-2	NNW	2	c	1	-	19	16	*	*	*	*		
	Bodö	29.14	21	ENE	4	s	29.45	+0.05	29	+9	N	6	c	3	?	25	16	*	*	*	*		
	Christiansund	29.42	30	NE	3	s	29.69	+0.01	25	-2	-	0	bc	3	0.47	34	25	*	*	*	*		
	Skudesnaes	29.51	27	NE	2	s	29.73	+0.05	23	+1	NNE	2	c	2	?	28	19	*	*	*	*		
	The Scaw (Skagen)	29.43	26	W	3	o	29.65	+0.03	28	+4	N	2	b	1	0.04	23	21	*	*	*	*		
Blaavands Huk	29.53	28	W	1	3	29.69	+0.04	29	+5	NNW	1	m	1	0.16	29	18	*	*	*	*			
GERMANY, &c.	Cuxhaven	29.59	28	NE	3	b	29.73	+0.04	33	+3	NW	3	b	*	0.12	34	27	*	*	*	*		
	The Helder	29.69	36	NNE	1	c	29.91	+0.01	40	+4	NW	4	bc	3	0.04	41	32	*	*	*	*		
	Brussels	29.76	29	NE	2	b	30.04	+0.01	28	-14	SW	1	b	*	-	44	25	*	*	*	*		
	Berlin	29.40	24	WSW	4	o	29.74	+0.04	23	-2	W	1	o	*	0.08	28	19	*	*	*	*		
	Frankfurt	29.63	29	N	2	b	29.97	+0.03	28	-21	SW	2	o	*	0.04	50	27	*	*	*	*		
	Munich	29.26	35	W	7	r	30.06	+0.05	21	-13	W	4	b	*	0.12	45	19	*	*	*	*		
FRANCE.	C. Gris Nez	29.67	37	NE	4	o	30.01	-0.01	35	-10	S	4	c	4	0.24	43	34	*	*	*	*		
	La Hève	29.73	39	NE	3	o	30.00	*	29	-16	ESE	3	c	2	-	45	28	*	*	*	*		
	Brest (St. Mathieu)	29.76	43	NNW	5	b	29.86	-0.06	46	-3	SE	6	r	5	0.12	54	45	*	*	*	*		
	Lorient (Bec Melen)	29.70	49	NNW	5	b	29.91	*	46	-5	S	4	r	5	0.04	57	39	*	*	*	*		
	Rochefort (Ile d'Aix)	29.71	52	WNW	5	o	30.03	*	42	-12	SE	3	o	*	0.04	54	41	*	*	*	*		
	Biarritz	29.96	55	WSW	5	r	30.08	*	51	-7	SSE	4	m	7	0.47	57	50	*	*	*	*		
	Paris	29.61	41	N	3	o	30.08	+0.02	26	+21	SSE	1	b	*	0.12	49	26	*	*	*	*		
	Belfort	29.39	40	W	7	o	30.17	*	23	-25	-	0	b	*	0.04	49	23	*	*	*	*		
	Lyons	29.58	47	W	2	c	30.17	*	31	-22	N	1	b	*	0.32	57	31	*	*	*	*		
	Nice	29.30	56	W	5	b	29.76	+0.21	46	-9	E	2	b	3	-	61	45	*	*	*	*		
Perpignan																							
Sanguinaire	29.63	53	W	7	m	29.70	*	54		W	7	m	7	-	59	45	*	*	*	*			
SPAIN, PORTUGAL, &c.	Corunna																						
	Lisbon (8 a.m. local)	30.32	56	SW	4	o	30.26	-0.01	56	0	SW	1	o	5	-	61	54	*	*	*	*		
	Gibraltar	30.24	56	NW	3	c	30.17	*	54	+1	NW	3	bc	*	-	*	*	*	*	*	*		
	Azores (P. Delgada) (8 a.m. local)																						
	Azores (Horta)	29.91	62	SW	5	o	29.98	+0.01	59	-4	W	5	c	4	0.08	64	57	*	*	*	*		
Madeira (Funchal)	30.34	61	ESE	1	bc	30.29	-0.03	57	0	ESE	1	bc	1	-	68	48	*	*	*	*			

* Information for these columns not usually received.

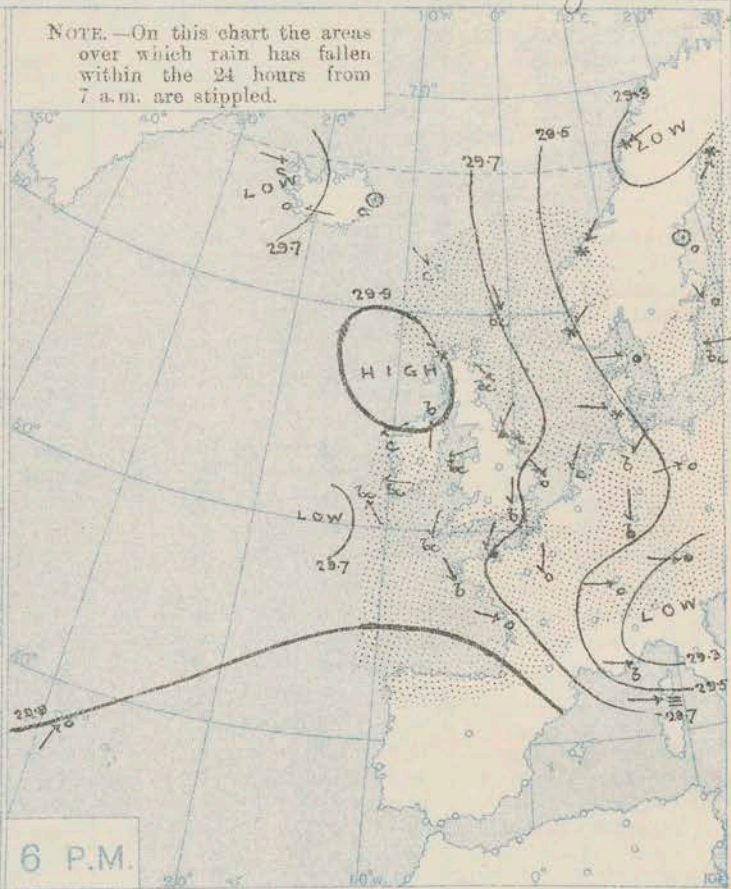
† Received too late for insertion in Charts.

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS

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



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.

During yesterday temperature touched 52° at Jersey, and 50° at Seilly, but at many northern stations the maxima were below 40°, at Lerwick 34°. Frost has occurred at the majority of stations, shade minima of 24° or 25° being registered in several localities. Rain, sleet or snow showers, fell in many parts of the Kingdom. The

duration of bright sunshine varied greatly from none or less than an hour in many places to 6 hours at Southport, Blackpool and Castles, and 6½ hours at Oban. As far west as the 20th meridian ships experienced Northerly to Westerly and Southerly winds, moderate or fresh to a strong gale, with fine to dull weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

0
1
2
3
4
5

Calms and light variable breezes, then freshening S^W to E^W winds, becoming strong to a gale; fair to fine and misty at first, then unsettled, some rain, sleet or snow, cold, but temperatures 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.

6
7
8
9
10

Increasing winds between S. and E., strong to a gale; squally, unsettled, some rain, sleet or snow; temperature about the normal.

THE FURTHER OUTLOOK.

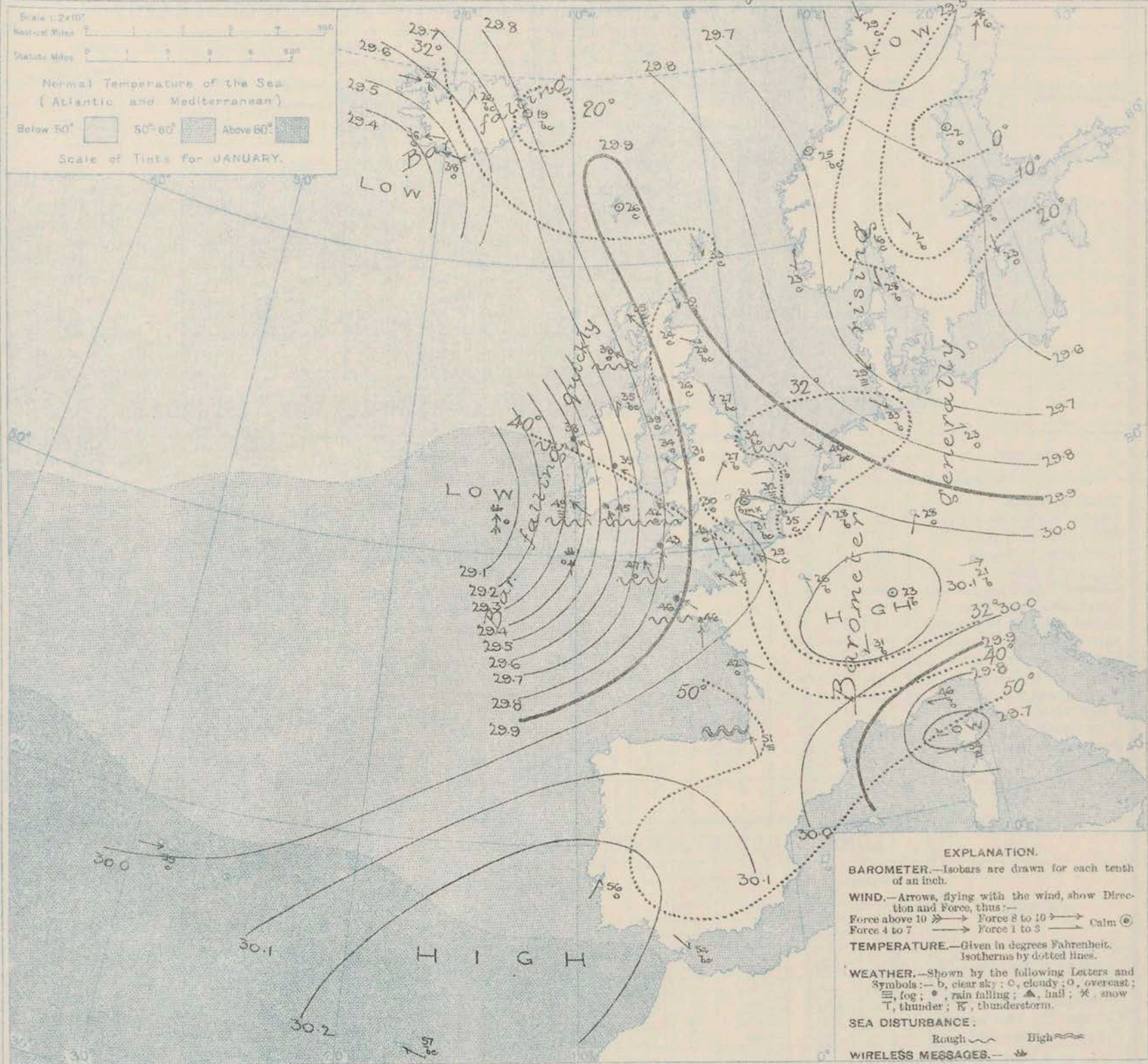
All Districts.

Conditions remaining very changeable.

11 WESTERN CHANNEL AND BAY.

S^W to E^W strong winds and gales; rough sea; squally, unsettled, some rain, sleet or snow, local mist or fog; moderate temperatures.

SYNOPTIC CHART FOR 7 A.M. Monday, 8th JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The highest pressure is about 30.3 in. between Portugal and Madeira. Two new disturbances are indicated on the Atlantic, one to the south-westward of Iceland, with the barometer at 29 in. on the 15th meridian, the other to the south-westward of Iceland, with the barometer at 29.4 in. Pressure is giving way very rapidly on the Irish coast. The gradient is steep over our western districts, but in other regions it is moderate to very slight.

Light northerly and north-westerly breezes and calms are reported over the eastern half of Britain, and eastward to Germany and Scandinavia. Elsewhere the wind is between south and east, already strong or high on our

south-western and western coasts, a gale on the 15th meridian, a tempest in the south of Iceland. Temperature has fallen decidedly over eastern Britain where frost is now general. Rain reporting a reading of 24°. In the west the readings range from 35° at Stornoway and Malin Head to 43° at Valencia. On the Continent the readings range from 11° at Munich to 51° at Biarritz; in Scandinavia from -2° at Helsingfors to 29° at Bodø; and in Iceland from 19° to 38°. The weather is fair or fine over the greater part of the region under observation, but over our western districts there has been a rapid change, and it is now dull to gloomy, with rain and mist in many places. A rough or rather rough sea is running on several parts of the western coasts, a high sea off Biarritz.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The new disturbance approaching Ireland threatens very unsettled conditions over the country.

generally, with strong winds and gales in many localities.

DAILY WEATHER REPORT.

Monday 8th January, 1911.

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.	Dis- turbance.
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air.				
														Dry Bulb.	Wet Bulb.			
	"	"	In.				"	"	In.				"	"	"			
Jan 8th 4am.	50	9	29.67	SSE	6-7	Lapland.	Jan. 8th 7am	50	10	29.50	S	6-7	0	-	-	-		
" " "	51	16	29.02	S	8-9	Franconia.	" " "	51	15	29.04	S	8-9	0	.	.	.		
" 7th 5pm.	51	11	29.72	NE	4-5	Montcalm.	" 7th 6pm	51	11	29.76	SE	4-5	bc	.	.	.		

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.	43	28		Hrs.	In.	Brighton, to 6 p.m.	49	41	*	Hrs.	In.
Dublin (City), to 4 p.m.	40	37	org. bc	6.5	0.05	Seaford, to 6 p.m.	50	35	*	0.0	-
Blackpool, to 9 p.m.	38	30	bc. b	6.0	0.17	Eastbourne, to 6 p.m.	53	40	*	0.3	0.05
Southport, to 9 p.m.	38	34	or. c. b	6.0	0.04	Bexhill-on-Sea, to 9 p.m.	47	41	c. bc. b	0.1	0.06
Rhyl, to 6 p.m.	40	35	o. r. bc	4.2	0.14	Hastings ..	*	*	*	0.0	0.03
Colwyn Bay, to 6 p.m.	41	37	bc	4.0	-	Folkestone, to 6 p.m.	50	37	b. bc. r	0.0	*
Llandudno, to 9 p.m.	41	37	or. bc.	3.8	0.07	Deal, to 6 p.m.	51	37	or. c. bc. p	0.4	0.33
Bettws-y-Coed, to 6 p.m.						Ramsgate, to 6 p.m.	*	*	*	0.2	0.23
Aberystwyth, to 6 p.m.	46	36	*	3.5	0.05	Margate, to 6 p.m.	42	37	r. o	0.5	0.39
Plymouth, to 9 p.m.						Felixstowe, to 6 p.m.			*	0.1	0.23
Paignton, to 6 p.m.	46	38	bc. bcp. bc	0.4	0.25	Lowestoft, to 6 p.m.	43	35	or. ep. c	2.0	-
Torquay, to 6 p.m.	46	41	*	0.3	0.13	Skegness, to 6 p.m.	43	35	r. bc	2.9	0.36
Teignmouth, to 9 p.m.	52	39	pg. r. b	1.0	0.11	Scarborough, to 9 p.m.	41	35		2.0	
Weymouth, to 6 p.m.	44	38	b. p. b	1.6	0.16	Harrogate, to 6 p.m.	35	31	or. c. bc. b	5.1	0.37
Bournemouth, to 6 p.m.	43	39	p. or. c. bc. b	0.5	0.60	Buxton, to 6 p.m.					
Southsea, to 6 p.m.	45	40	*	0.0	0.03	Darwen, to 9 p.m.					
Worthing, to 6 p.m.	43	37	c. bc.	0.1	0.07	Manchester, to 9 p.m.	38	32	op. bc. b	3.0	0.02
						Birmingham, to 9 p.m.	47	32	o. c. o	1.0	-

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.				
	3 p.m.	9 a.m.	Max.	Min.				8th & 9th Jan. 1911.	Sunrise	Noon	Sunset	
	Yesterday.	To-day.	24 HOURS ENDED AT 9 A.M. TO-DAY.									
Greenwich (Royal Obsy.) ...	% 86	% 93	42	39	C. bc	In.	Hrs. 0.0	{	G.M.T.	G.M.T.	G.M.T.	
City (Bunhill Row) ...	*	*	*	*	*	*	0.0		Yarmouth ...	8.4	12.0	3.56
Westminster (St. James's Pk.)	82	87	44	31	av. sm	-	0.0		8.3	12.0	3.57	
Camden Sq. (Brit. Rainfall)	-	91	42	30	c. or sm	-	0.0		8.6	12.7	4.3	
Hampstead (Reservoir) ...	*	92	40	27	cg. bc. sm	-	0.0		8.5	12.7	4.3	
24 HOURS ENDED AT 6 P.M. YESTERDAY.								{	Wick ...	9.0	12.19	3.38
South Kensington ...	*	*	52	39	or. op. o. c. bc. b.	0.15	*		8.59	12.19	3.40	
55 55 (Roof of M.O.)	-	-	52	39			*		0.0	Valencia... ..	8.49	12.48	4.46
									8.48	12.48	4.46	

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	In.	*	*		Rome	In.	*	*	
Marseilles					Vienna				
Malta	Observations not received.				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.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,
9th January, 1912.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.											PAST 24 HOURS						
	BAROM.		TEMP.		WIND		BAROMETER.		TEMP.		WIND.		Weather.	Sea (0 to 9).	Rain-fall.	TEMP.		Sun-shine.	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.
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).	Weather.				Max.	Min.		Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.			
BRITISH ISLANDS.	Lerwick	29.79	34	NNE	4	c	29.60	-0.2	37	+4	E	5	o	3	0.03	38	31	+	cm	bc	csp			
	Stornoway	29.43	36	SE	6	oq																		
	Castlebay (Barra Isd.)	29.26	36	E	8	rsq	29.08	0.0	42	+4	E	4	r	5	0.28	42	33	0.0	og, rsq	rhq	rhq or			
	Malin Head	29.06	35	SE	9	rhq	29.06	+0.5	41	+6	S	5	c	6	0.24	44	32	+	ogqhp	ogqhp	bcpp			
	Blacksod Point	29.03	50	SSW	5	ni	29.08	+0.6	45	+7	SW	4	o	4	0.64	50	37	+	ogqm	and	omp			
	Valencia	29.11	51	S	5	og	29.21	+0.5	48	-1	SW	4	op	5	0.55	53	45	0.0	nr	m. og	rm. bc			
	Roche's Point	29.22	49	SW	4	bc	29.28	*	46	+1	WSW	4	c	5	0.59	51	45	+	rm	dm. bc	bcpp			
	Birr Castle	29.10	48	S	3	r	29.16	*	44	+5	S	2	o	4	0.51	51	40	0.0	or	or	or			
	Donaghadee	29.29	39	E	10	rq	29.15	+0.3	40	+1	SSW	3	c	4	0.53	46	37	+	om	or	or			
	Liverpool Obsy.	29.44	33	ESE	6	r	29.28	0.0	44	+13	S	4	bc	2	0.24	46	30	0.0	o	s	or			
	Holyhead	29.29	44	S	7	rgm	29.22	0.0	47	+13	W	5	b	4	0.17	49	34	+	rgm	rgm	b			
	Pembroke (St. Ann's Hd.)	29.33	50	SSW	6	f	29.33	+0.2	49	+7	SW	4	bm	5	0.53	51	41	0.0	ogq	ogqm	frg			
	Newquay	29.41	53	S	5	om	29.45	*	48	+5	SW	3	bc	3	0.31	53	43	0.0	or	or	bc			
	Scilly (St. Mary's)	29.41	52	SSW	6	cm	29.43	0.0	50	+3	WSW	5	bm	6	0.27	53	46	0.0	nr	cm	bm			
	Jersey (St. Aubin)	29.67	45	SE	5	orgm	29.59	0.0	50	+6	SW	4	ogm	3	0.19	50	42	0.0	og, orgm	orgm	ogpm			
	Portland Bill	29.52	48	SSE	8	r	29.44	+0.1	50	+6	WSW	5	bc	5	0.33	52	44	0.0	c.r	r	or. bc			
	Dungeness	29.76	41	S	4	r	29.45	+0.1	49	+18	SSW	5	r	4	0.38	50	30	0.0	c	c.r	r. od			
	Dover	29.77	36	S	5	r	29.49	*	47	+19	SW	2	c	2	0.27	48	28	0.0	bm. c.	op. r	or. o			
SCANDINAVIA.	Wick	29.64	38	SE	5	o	29.34	-0.2	39	+9	SE	8	rq	7	0.02	40	30	+	c. o	om	org			
	Nairn	29.56	36	E	3	o	29.19	*	38	+14	E	3	o	2	0.01	38	24	0.0	c	o	o			
	Aberdeen	29.66	39	SE	6	o	29.30	-0.1	38	+10	SE	7	r	6	0.50	39	26	0.0	c. og	og	orgs			
	Leith	29.59	33	E	5	S	29.16	+0.2	37	+11	E	1	r	5	0.15	38	26	+	og	op. og	ashy			
	North Shields	29.66	35	SE	4	3	29.23	0.0	35	+8	SSE	3	r	5	0.29	38	25	0.0	-	-	-			
	Spurn Head	29.67	37	SE	7	r	29.32	-0.1	38	+4	SSW	4	bf	6	0.18	?	34	+	c. om	org	org. fc			
	Yarmouth	29.81	39	SE	3	o	29.40	0.0	43	+12	WSW	3	b	3	0.20	43	29	0.0	of	om	org			
	Clacton-on-Sea	29.81	40	SSE	5	o	29.44	+0.1	43	+11	SW	3	bc	2	0.28	45	31	0.0	of. m	og	or. bc			
	Nottingham	29.67	33	SE	4	S	29.36	*	36	+9	SSW	1	bc	+	0.38	38	26	0.0	bc. om	or	s. or			
	Bath	29.55	42	S	5	r	29.43	*	48	+18	WSW	2	bc	+	0.34	52	30	0.0	-	-	-			
	Oxford	29.51	38	SE	2	r	29.45	*	44	+14	S	4	bc	+	0.47	46	29	+	cm. o	o. r	mb. c.			
	London (Kew Obsy.)	29.71	38	SE	3	or	29.45	+0.1	44	+13	SSW	2	bm	+	0.31	46	30	0.0	bm. c. o	om. st	or			
	Isafjord	29.42	36	W	9	c	29.39	*	37	0	SE	9	c	+	+	+	+	+	+	+	+			
	Reykjavik	29.12	37	SE	9	o	29.10	0.0	37	+1	SE	8	o	+	+	+	+	+	+	+	+			
	Seydisfjord	29.68	32	E	4	S	29.64	-0.1	35	+16	E	6	o	+	+	+	+	+	+	+	+			
	Thorshavn	29.75	41	ESE	7	o	29.58	-0.3	38	+12	ESE	7	c	+	+	+	+	+	+	+	+			
GERMANY, &c.	Haparanda	29.70	5	S	6	S	29.77	0.0	-6	-12	W	4	b	+	0.12	7	-8	+	+	+	+			
	Hernösand	29.74	-4	-	0	b	29.80	+0.1	-9	-7	N	2	b	+	+	+	+	+	+	+	+			
	Stockholm	29.75	8	-	0	b	29.81	+0.1	-8	-16	W	2	o	+	+	12	-8	+	+	+	+			
	Wisby	29.73	23	T	6	o	29.78	+0.1	24	+1	N	4	o	+	0.04	25	19	+	+	+	+			
	Karlstad	29.82	10	N	2	b	29.86	0.0	8	+6	NW	2	b	+	+	10	1	+	+	+	+			
	Færder (X'ania Fjord)	29.86	22	NNW	1	b	29.88	+0.1	19	+3	N	4	b	+	+	23	16	+	+	+	+			
	Bodö																							
	Christiansund																							
	Skudesnaes																							
	The Scaw (Skagen)	29.86	28	ENE	1	b	29.86	0.0	28	0	ENE	1	b	0	+	28	18	+	+	+	+			
	Blaavands Huk	29.88	16	SE	1	m	29.76	-0.3	26	-3	SE	4	o	2	+	36	10	+	+	+	+			
	Cuxhaven	29.88	29	NW	1	b	29.71	-0.5	28	-5	ESE	5	m	+	+	36	25	+	+	+	+			
	The Helder	29.88	34	S	2	o	29.50	-0.4	43	+3	SE	3	o	2	0.08	41	30	+	+	+	+			
	Brussels	29.67	39	SSE	5	o	29.56	-0.1	41	+13	SW	2	o	+	0.20	41	27	+	+	+	+			
	Berlin	29.90	27	NW	2	b	29.83	-0.2	26	+2	SE	2	o	+	0.20	30	21	+	+	+	+			
	Frankfurt	30.02	30	SW	5	c	29.71	-0.7	30	+2	SE	1	S	+	0.20	37	27	+	+	+	+			
	Munich	30.13	29	W	5	c	29.86	-0.9	27	+6	SSE	2	S	+	?	30	21	+	+	+	+			
FRANCE.	C. Gris Nez	29.84	34	SE	4	S	29.51	+0.1	48	+13	WSW	5	o	4	0.55	?	?	+	+	+	+			
	La Hève	29.75	37	S	4	r	29.62	*	46	+17	SW	4	o	4	0.39	46	37	+	+	+	+			
	Brest (St. Mathieu)	29.63	51	SW	6	r	29.62	-0.1	53	+7	WSW	3	m	5	0.16	54	46	+	+	+	+			
	Lorient (Bec Melen)																							
	Rochefort (Ile d' Aix)	29.92	53	SSW	4	r	29.77	*	52	+10	WSW	4	o	+	0.28	54	41	+	+	+	+			
	Biarritz	30.06	58	SW	2	o	29.92	*	58	+7	SSW	4	o	4	+	59	35	+	+	+	+			
	Paris	29.93	37	S	3	o	29.65	+0.2	50	+24	WSW	3	r	+	0.32	51	26	+	+	+	+			
	Belfort	30.13	30	E	2	o	29.82	*	39	+16	W	5	r	+	0.32	40	23	+	+	+	+			
	Lyons																							
	Nice	30.08	44	-	0	bc	30.03	0.0	42	-4	E	1	bc	+	+	57	37	+	+	+	+			
	Perpignan	30.10	51	NW	1	o	29.89	-0.5	49	-1	N	1	o	+	+	56	45	+	+	+	+			
	Sanguinaire	30.02	53	SW	5	c	30.13	*	52	-2	SE	2	o	4	+	57	45	+	+	+	+			
SPAIN, PORTUGAL, &c.	Corunna																							
	Lisbon (8 a.m. local)																							
	Gibraltar	30.10	57	NW	2	bc	30.12	*	56	+2	W	3	o	+	+	+	+	+	+	+	+			
	Azores (P. Delgada) (8 a.m. local).																							
AZORES (Horta)		30.12	57	-	0	b	29.87	-0.7	62	+3	SW	6	o	5	+	63	57	+	+	+	+			
	Madeira (Funchal)																							

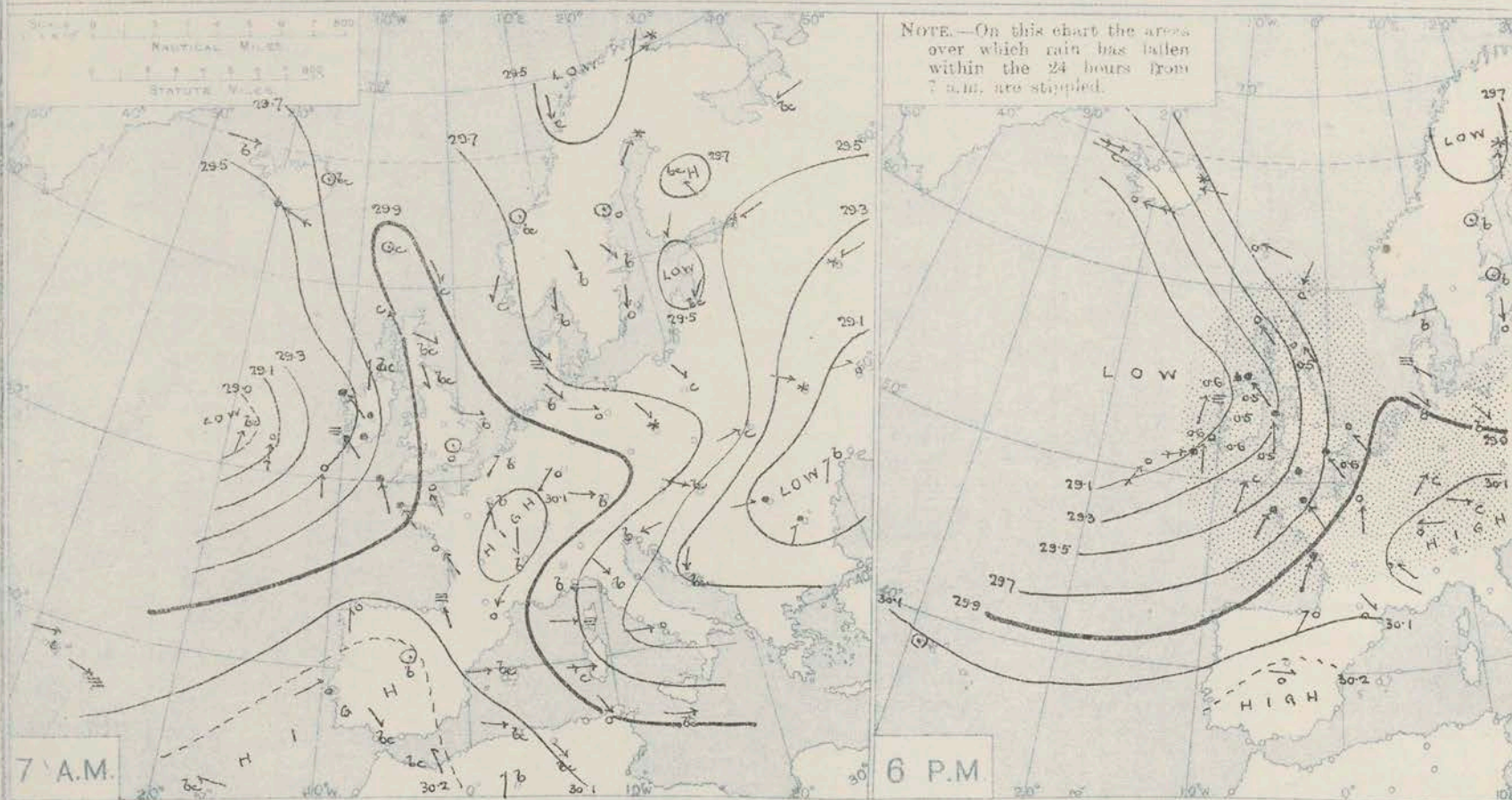
* Information for these columns not usually received.

† Received too late for insertion in Charts.

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS

10 a.m. - 10 p.m. ENE. - E. 8
 8 a.m. - 10 a.m. SE. 9
 2 p.m. -

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 8th January.



NOTES ON YESTERDAY'S WEATHER.

During yesterday low temperatures ruled over our northern and eastern districts, Harrogate not exceeding 31°, but in the night a considerable rise has occurred, and many places have reached 50° and upwards. Rain, hail, sleet or snow has fallen everywhere,

more than $\frac{1}{2}$ inch in many places. The day was very dull, and no bright sunshine was registered anywhere. As far west as the 18th meridian ships experienced westerly and South-Westerly strong winds and gales, and cloudy to dull weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

- | | | |
|---|---|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0 | a | South Easterly and Easterly winds, force very variable, strong to a gale at times in places; unsettled, some rain, sleet or snow; moderate temperature. |
| | b | |
| 1 | | |
| 2 | a | Wind between South and West, |
| | b | |
| 3 | | fresh and gusty at times; changeable, |
| 4 | a | fair or fine, rain at times; very mild |
| | b | |
| 5 | | |

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

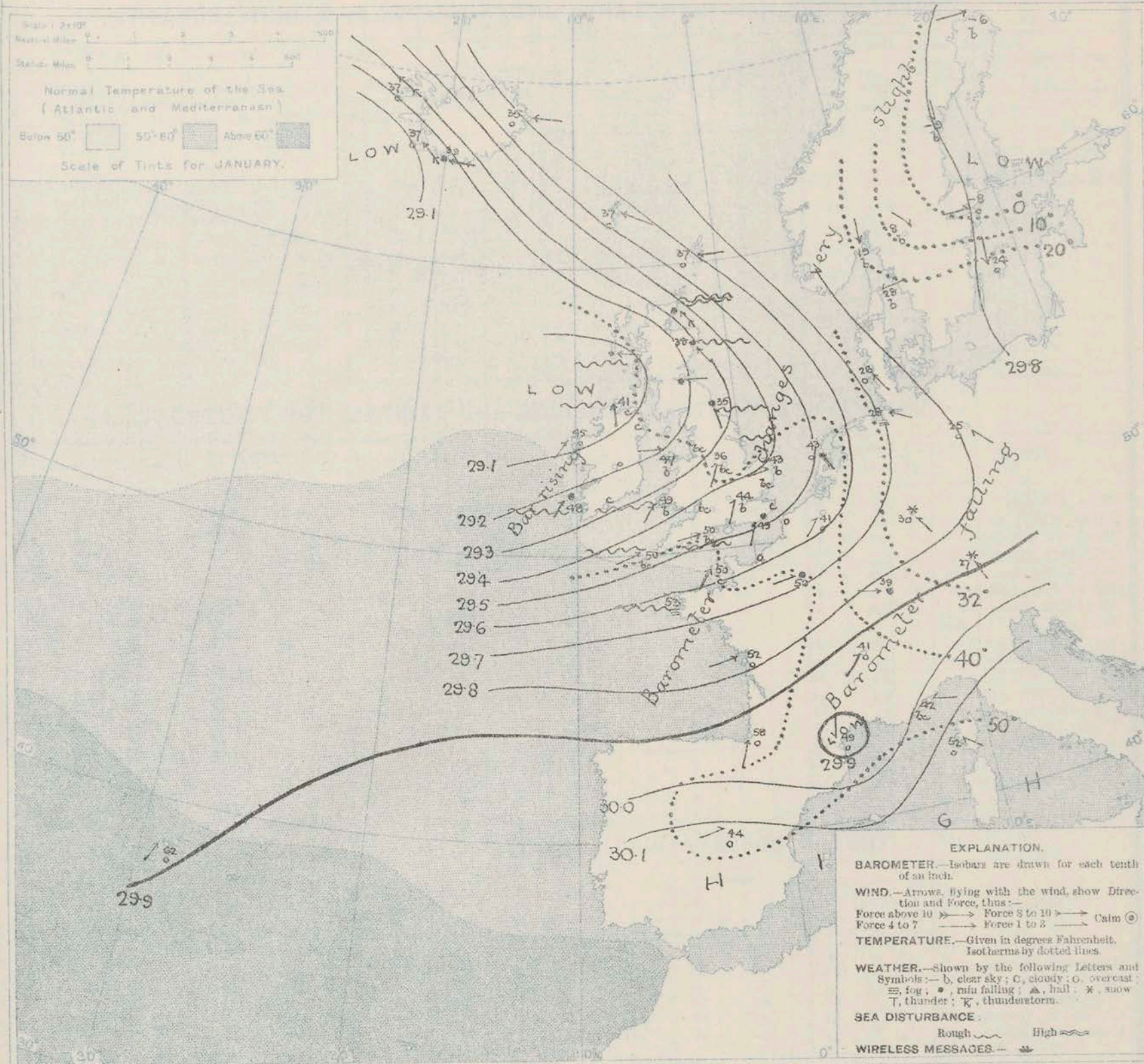
- | | | |
|----|---|----------------------|
| 6 | a | Same as Nos. 2 to 5. |
| | b | |
| 7 | a | |
| | b | |
| 8 | a | |
| | b | |
| 9 | a | |
| | b | |
| 10 | a | |
| | b | |

THE FURTHER OUTLOOK.

Mild changeable weather.

- 11 WESTERN CHANNEL AND BAY. South Westerly winds, fresh or strong at times; sea moderate to rough; gusty, changeable, some rain and mist; mild.

SYNOPTIC CHART FOR 7 A.M. TUESDAY, 9th JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The highest pressures, about 30.2 in., still lies beyond Portugal. It is also relatively high, above 29.8 in., over Scandinavia. An extensive cyclonic system occupies the northern portion of the Atlantic, the barometer being below 29.1 in. to the southwestward of Iceland, and off our own northwestern coasts. The gradient is rather steep from the North Sea across to Iceland, elsewhere it is moderate to very slight.

Light variable breezes prevail over Scandinavia, light to fresh S. to W. breezes over Ireland, England and France, S.E. from

from Germany across to Iceland, blowing a high wind to a strong gale at most of the northern stations. Temperatures have risen decidedly in most parts of the region under observation. Over the British Isles the values range from 35° at Shields to 50° on the western half of the Channel; on the continent from 25° at Berlin to 58° at Brannitz; in Sweden from 9° below zero at Åreåsand to 24° above at Wisby; in Iceland from 33° to 39° at home and abroad the weather is in a very changeable state, from fine and clear to dull and rainy, snow in Western Germany. A high sea is running off Wilt, and it is rough or rather rough on many other coasts.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The conditions will remain under the influence of

the Atlantic depression and its secondaries.

DAILY WEATHER REPORT.

Tuesday, 9th January, 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 Dis- turb- ance.
	Lat. N.	Long. W.		Dirac.	Force.			Lat. N.	Long. W.		Dirac.	Force.		Air.		Sea.	
	"	"	In.					"	"	In.				"	"	"	
6th January 4 a.m.	51	14	29.42	SSE	6-7	Montcalm	8th January 7 a.m.	50	15	29.27	S	6-7	c	.	.	.	.
" " "	51	11	29	SSW	6-7	Laurentie	" " "	51	13	28.97	SSW	6-7	bc	.	.	.	.
" " 3 p.m.	50	14	29.06	SW	0-7	Lapland	" " 6 p.m.	50	15	29.05	SW	8-9	o	.	.	.	.
" " "	51	10	29.22	WSW	8-9	Montezuma	" " "	51	10	29.33	WSW	8-9	r	.	.	.	.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.	36	25	c. o. s.	0.0		Brighton, to 6 p.m.	49	30	*	0.0	0.12
Dublin (City), to 4 p.m.	45	33	b. o. r. c. g.	0.0	0.36	Seaford, to 6 p.m.	43	29	c. o. m.	0.0	0.12
Blackpool, to 9 p.m.	35	24	o. m. s. r. s.	0.0	0.21	Eastbourne, to 6 p.m.	43	29	*	0.0	0.06
Southport, to 9 p.m.	36	27	o. o. s. r.	0.0	0.33	Bexhill-on-Sea, to 9 p.m.	43	30	r. d.	0.0	0.09
Rhyl, to 8 p.m.	47	28	bc. s. o.	0.0	0.12	Hastings	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	39	30	bc. p. s. r.	0.0	0.18	Folkestone, to 6 p.m.	40	31	b. bc. r.	0.0	0.16
Llandudno, to 9 p.m.	40	30	bc. o. s. o.	0.0	0.22	Deal, to 6 p.m.	38	29	x. m. o. g. d.	0.0	0.10
Bettws-y-Coed, to 6 p.m.						Ramsgate, to 6 p.m.	*	*	*	0.0	0.03
Aberystwyth, to 6 p.m.	42	30	*	0.0	0.15	Margate, to 6 p.m.	39	31	m. o.	0.0	
Plymouth, to 9 p.m.	51	34	o. o. r. c. g.	0.0	0.68	Felixstowe, to 6 p.m.	41	30	*	0.0	0.02
Paignton, to 6 p.m.	53	33	bc. o. r.	0.0	0.76	Lowestoft, to 6 p.m.	37	29	b. c. o.	0.0	
Torquay, to 6 p.m.	49	35	*	0.0	0.38	Skegness, to 6 p.m.	37	28	b. c. o. r.	0.0	
Teignmouth, to 9 p.m.	54	33	b. o. r.	0.0	0.54	Scarborough, to 9 p.m.	36	29	o. g.	0.0	0.01
Weymouth, to 8 p.m.	48	33	b. bc. o. r.	0.0	0.34	Harrogate, to 6 p.m.	31	23	b. o. s.	0.0	0.10
Bournemouth, to 6 p.m.	45	29	o. r.	0.0	0.15	Buxton, to 9 p.m.	34	16	x. o. s. o. h.	0.0	0.11
Southsea, to 6 p.m.	45	29	*	0.0	0.13	Darwen, to 9 p.m.	34	25	bc. o. g. s. o.	0.0	?
Worthing, to 6 p.m.	44	29	r.	0.0	0.14	Manchester, to 9 p.m.	37	26	o. o. s. r. h.	0.0	0.17
						Birmingham, to 9 p.m.	34	28	o. s. r. s.	0.0	0.20

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.			
	5 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				9th January, 1912	Sunrise	Noon	Sunset
24 HOURS ENDED AT 9 A.M. TO-DAY.											
Greenwich (Royal Obs.) ...	% 82	% 87	% 48	% 30	% O. r. b. bc	In. 0.26	Hrs. 0.0				
City (Rushall Row) ...	% *	% *	% *	% *	% *	% *	% 0.0	Yarmouth ...	8.3	12.0	3.57
Westminster (St. James's Pk.)	79	85	48	34	m. r. r.	0.28	0.0	...	8.3	12.1	3.59
Camden Sq. (Brit. Rainfall)	85	91	47	33	o. g. m. o. r. bc	0.35	0.0	Greenwich ...	8.5	12.7	4.9
Hampstead (Reservoir) ...	% 8	% 93	% 45	% 38	% o. r. s. m. o. r. bc. o	% 0.30	% 0.0	...	8.5	12.8	4.11
24 HOURS ENDED AT 5 P.M. YESTERDAY.								Wick ...	8.59	12.19	3.40
South Kensington ...	% *	% *	% 40	% 32	% bc. o. m. o. r. m	% 0.10	% *	...	8.58	12.20	3.42
" " (Roof of M.O.)	76	90	41	33	% *	% *	% 0.0	Valencia ...	8.48	12.48	4.48
								...	8.48	12.49	4.50

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	-	61	54	b. c.	Rome	-	53	53	b. o.
Marseilles	-	61	41	b. b.	Vienna	0.12	52	23	r. c.
Malta	-	61	58	- bc.	Utrecht	0.08	34	25	b. bc.
Algiers	-	63	54	bc. bc.	Zürich	0.39	*	*	c. b.
Tunis	-	61	50	o. o.	Geneva	0.23	*	*	r. b.
Palermo	Not received.				Lugano	-	*	*	o. 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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday
10th January, 1912.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						
	Barom.	Temp.	Wind.	Force	Weather.	Barometer.	Temp.	Wind.	Force	Weather.	Sea	Rain-fall.	Temp.			Sun-shine.	Weather.					
													At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.		Max.	Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.	
BRITISH ISLANDS.																						
Lerwick	29.77	39	E	5	c	30.06	+0.5	38	+1	E	6	b	4	0.04	40	34	*	bc	cm	bc		
Stornoway	29.46	41	SE	6	r	29.75	+0.5	43	+4	SSE	5	o	5	0.25	43	38	0.0	org	org	org		
Castlebay (Barra Isd.)	29.40	45	ESE	4	op	29.69	+0.5	46	+4	SE	5	o	5	0.40	49	42	1.7	r.o.c	c.op	p.o		
Malin Head	29.37	44	WSW	3	op																	
Blacksod Point	29.41	49	SW	3	o	29.40	-0.8	46	+1	ESE	6	r	4	0.07	49	38	*	opm	om	op		
Valencia	29.55	45	S	2	b	29.39	-0.5	51	+3	SSE	6	m	6	0.20	52	43	3.9	m.c	c.b	b.org		
Roche's Point	29.59	49	W	3	b	29.59	*	49	+3	SE	5	o	5	0.01	50	44	*	bc	bc.b	b.o		
Birr Castle	29.53	41	SW	2	c	29.57	*	46	+2	S	4	o	*	0.07	48	38	2.4	cp	cp	opg		
Donaghadee	29.45	42	SW	1	m	29.78	+0.2	41	+1	SSW	1	bc	1	0.02	45	35	*	bc	ogm	bc		
Liverpool Obsy.	29.51	44	WSW	4	o	29.84	+0.3	39	-5	SSE	3	b	2	0.11	46	39	2.5	bc	op	b		
Holyhead	29.50	47	WSW	3	b	29.79	+0.2	43	-4	SW	2	b	1	-	49	40	*	bc	b	wom		
Pembroke (St. Ann's Hd.)	29.58	48	WSW	4	b	29.78	-0.1	48	-1	SSE	4	bc	6	0.02	52	46	3.4	bm	bcq	bm		
Newquay	29.65	48	W	3	b	29.79	*	49	+1	S	3	c	3	-	51	42	4.7	bc.b	b	b.b.c		
Scilly (St. Mary's)	29.66	49	W	5	bc	29.71	-0.2	50	0	SSE	5	odm	5	0.01	51	47	5.4	bc	bc	bc		
Jersey (St. Aubin)	29.70	50	W	4	b	29.97	*	47	-3	SW	3	ogm	3	trace	53	46	3.9	m.b.c	bc	c.org		
Portland Bill	29.63	50	W	4	bp	29.91	+0.2	48	-2	S	2	bc	4	0.01	51	45	4.5	bc	bc	bc		
Dungeness	29.69	48	SW	4	o	29.93	+0.5	39	-10	WNW	2	bc	2	0.12	50	37	2.0	cp	bc	c.bc		
Dover	29.65	45	SW	3	b	29.95	*	40	-7	NW	1	b	2	0.09	50	38	2.2	c.org	bc	bc.org		
Wick	29.56	41	SE	8	r	29.92	+0.7	42	+3	SE	5	om	6	0.12	42	36	*	org	org	org		
Nairn	29.48	39	-	0	o	29.82	*	40	+2	-	0	c	1	0.11	41	35	0.0	r.o	o	o.c		
Aberdeen	29.52	39	ESE	8	r	29.93	+0.7	41	+3	SE	6	o	6	0.27	41	38	0.0	org	org	org		
Leith	29.51	38	E	1	m	29.84	+0.5	36	-1	E	1	f	*	0.03	40	34	*	o	ogp	f		
North Shields	29.45	41	SW	2	og	29.88	+0.4	36	+1	-	0	m	3	0.01	44	33	0.2	r.o	-	-		
Spurn Head	29.51	43	SW	2	bc	29.88	+0.3	38	0	SW	1	f	4	trace	?	35	*	cqm	cm	om.f		
Yarmouth	29.54	45	SW	2	b	29.90	+1.0	39	-4	SW	1	b	1	-	49	39	3.5	bc	bc.b	b		
Clacton-on-Sea	29.58	45	SW	2	c	29.93	+0.8	39	-4	W	1	bc	1	0.01	49	38	2.5	bc.c	c.bc.b	cp.bc		
Nottingham	29.55	42	SW	2	b	29.89	*	36	0	W	1	fe	*	0.03	48	35	2.7	bc	bc	bc		
Bath	29.60	47	WSW	2	c	29.92	*	37	-11	NE	1	b	*	0.02	52	36	4.9	-	-	-		
Oxford	29.67	43	SW	3	b	29.96	*	35	-9	-	0	f	*	0.12	51	35	*	b	b.rapt	of		
London (Kew Obsy.)	29.61	45	SW	3	b	29.96	+0.8	37	-7	-	0	f	*	0.01	51	35	5.0	bm.b	b.bc.b	b.b.m.f		
ICELAND & FAEROE.																						
Isafjord	29.41	41	SE	6	c	29.45	0.0	42	+5	SE	2	b	*	*	*	*	*	*	*	*		
Reykjavik	29.20	40	SE	8	o	29.31	+0.1	44	+4	SE	5	r	*	*	*	*	*	*	*	*		
Seydisfjord	29.68	40	SW	5	o	29.67	-0.3	39	+4	E	2	r	*	*	*	*	*	*	*	*		
Thorshavn	29.73	38	E	7	c	29.91	+0.1	40	+2	SSE	8	o	*	*	*	*	*	*	*	*		
SCANDINAVIA.																						
Haparanda	29.69	-7	-	0	o	29.81	+0.4	-22	-16	-	0	b	*	-	-6	-22						
Hernösand	29.73	1	N	2	o	29.94	+0.9	6	+15	N	2	b	*	-	7	-9						
Stockholm	29.78	13	W	2	b	29.89	+0.8	17	+25	NNW	4	o	*	0.04	18	2.8						
Wisby	29.84	25	NNW	6	c	29.84	+0.1	28	+4	NNW	6	o	*	0.04	30	23						
Karlstad	29.86	12	W	2	o	30.01	+0.8	15	+7	NNW	2	b	*	-	19	7						
Færder (Xiania Fjord)	29.89	21	W	2	b	30.06	+0.6	23	+4	NNW	2	b	1	-	23	18						
Bodö	29.67	25	N	6	o	29.94	+0.4	21	+17	N	2	bc	1	-	25	24						
Christiansund	29.84	31	NW	4	s	30.13	+0.9	32	+4	NNW	2	c	3	0.55	34	28						
Skudesnaes	30.01	26	NE	2	b	30.12	+0.2	23	-5	NNE	2	b	2	-	30	19						
The Scaw (Skagen)	29.93	21	-	0	b	30.06	+0.6	31	+3	NNW	2	b	1	-	31	19						
Blaavands Huk	29.94	24	ESE	4	bc	30.08	+0.6	12	-14	ESE	2	b	1	-	25	10						
GERMANY, &c.																						
Cuxhaven	29.75	30	E	5	o	30.01	+0.5	29	+1	E	4	o	*	-	32	27						
The Helder	30.00	37	ESE	2	f	29.93	+0.8	35	-8	ENE	3	o	1	0.55	43	34						
Brussels	29.66	44	SW	2	b	29.95	+0.4	42	+1	WSW	1	r	*	0.08	48	41						
Berlin	29.79	28	E	3	o	30.00	+0.7	21	-4	E	3	b	*	0.04	28	21						
Frankfurt	29.73	36	SW	3	f	29.93	+0.8	38	+8	W	1	f	*	0.12	38	30						
Munich	29.83	38	SW	3	r	30.01	+0.6	34	+7	SW	4	3	*	1.81	39	27						
FRANCE.																						
C. Gris Nez	29.65	48	SW	4	bc	29.95	+0.6	46	-2	W	5	b	4	0.08	50	45						
La Hève	29.72	46	SW	3	c	30.00	*	43	-3	SSW	3	o	3	-	50	39						
Brest (St. Mathieu)	29.80	50	W	4	b	29.90	-0.1	50	-3	S	5	c	5	-	55	48						
Lorient (Rec. Melan)	29.80	51	WNW	5	bc	29.95	*	51		SEW	4	o	6	-	55	46						
Rochefort (Ile d'Aix)	29.87	50	WSW	3	r	30.05	*	47	+5	SW	3	b	*	0.87	54	46						
Biarritz	29.99	53	SW	5	r	30.04	*	47	-11	SE	3	b	6	0.20	61	46						
Paris	29.76	46	WSW	2	r	30.05	+0.7	39	-11	SW	2	o	*	0.20	52	37						
Belfort	29.72	43	W	4	r	30.07	*	41	+2	W	3	c	*	0.59	45	39						
Lyons	29.86	48	SSW	1	r	30.11	*	44	+3	NW	3	o	*	-	50	41						
Nice	29.94	46	NNE	1	r	29.91	+0.4	44	+2	NE	1	bc	2	1.46	46	47						
Perpignan	29.91	47	SW	1	o	30.10	+0.4	50	+1	NW	2	b	*	-	50	46						
Sanguinaire	30.07	50	SE	5	r	29.89	*	54	+2	SSW	4	o	3	0.43	55	46						
SPAIN, PORTUGAL, &c.																						
Corunna	44.97	55	SW	3	o	29.82	-0.8	53	+2	SSE	6	o	6	0.16	57	48						
Lisbon (8 a.m. local)	30.19	55	WSW	2	b	30.00	-0.3	50	-6	E	3	o	6	-	59	48						
Gibraltar																						
Azores (P. Delgada)																						
Azores (Horta)	29.80	48	W	4	r	29.94	+0.7	57	-5	NNW	4	r	4	0.35	63	46						
Madeira (Funchal)																						

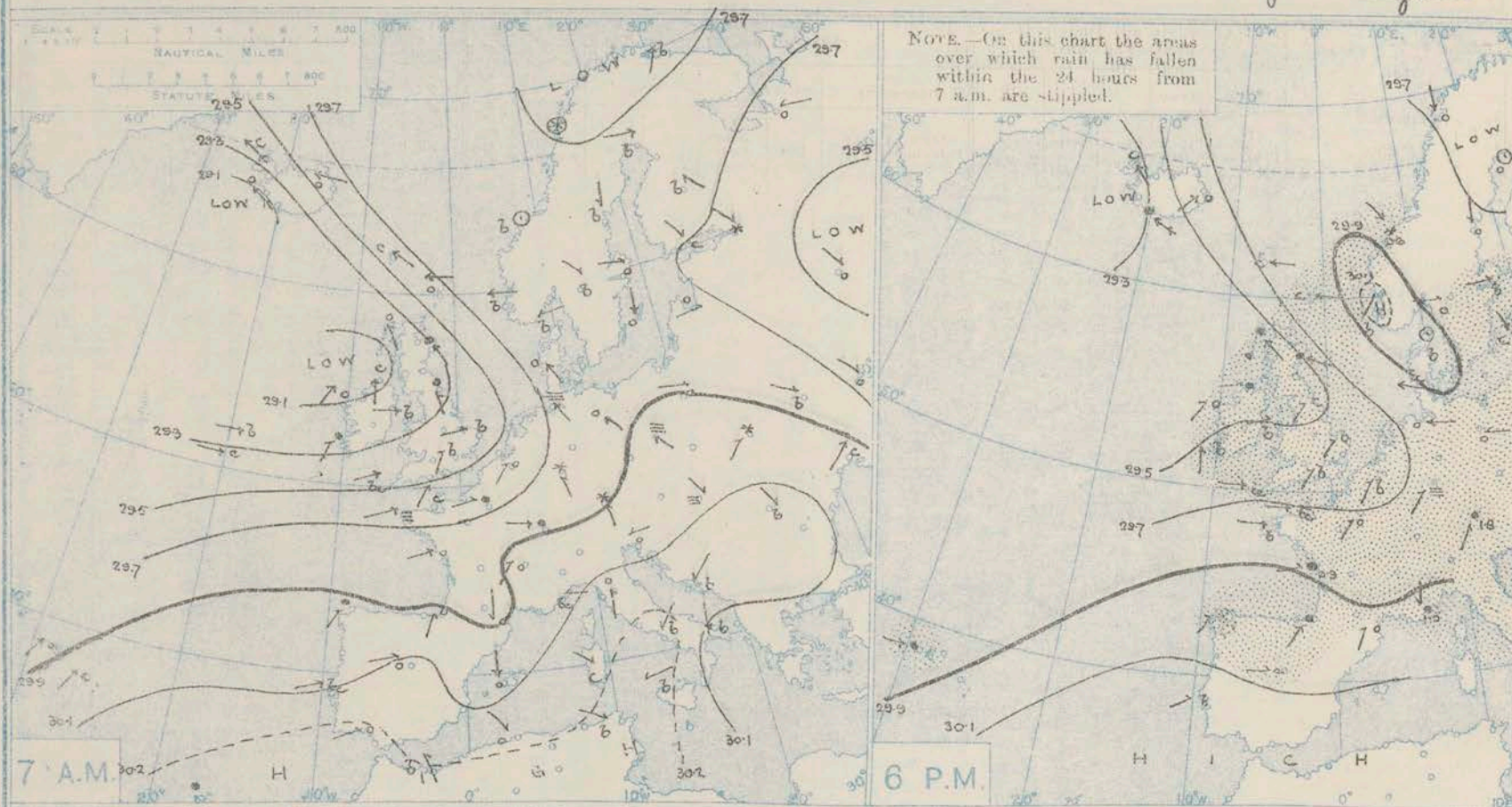
* Information for these columns not usually received.

† Received too late for insertion in Charts.

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS

Wick 9 a.m. - 12 a.m. SE 9.
Aberdeen 9 a.m. - 11 p.m. SE 56 mph at 11 a.m.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 9th January



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature exceeded 50° over a great part of the British Isles. Rain fell generally but no large amounts are reported. There was little or no sunshine in Scotland, but elsewhere the records were considerable, up to 5 hours at Kew Observatory, 5½ hours at Seilly.

A strong South-Easterly gale off the north-east of Scotland lasted all day. As for vessels at the 20th meridian ships experienced westerly winds, fresh to a gale, with fine to cloudy weather.

WEATHER PROSPECTS.

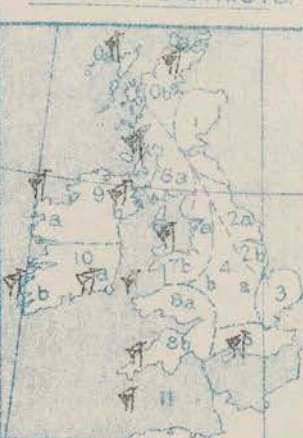
FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

0 } a } Southerly to Easterly winds, strong to a
b } gale at times in places; squally,
unsettled, some rain, mist locally;
mild.

1 }
2 } a } Calms and light variable
b } breezes; dull, misty or foggy; wind
becoming Southerly later and
increasing considerably, unsettled,
3 } some rain; mild.

4 } a } Calms and light variable breezes,
b } foggy to fair or fine; wind becoming
5 } southerly and increasing, strong to a
gale on coast; unsettled, some rain,
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 Coast	South Coast
North Coast	North Coast

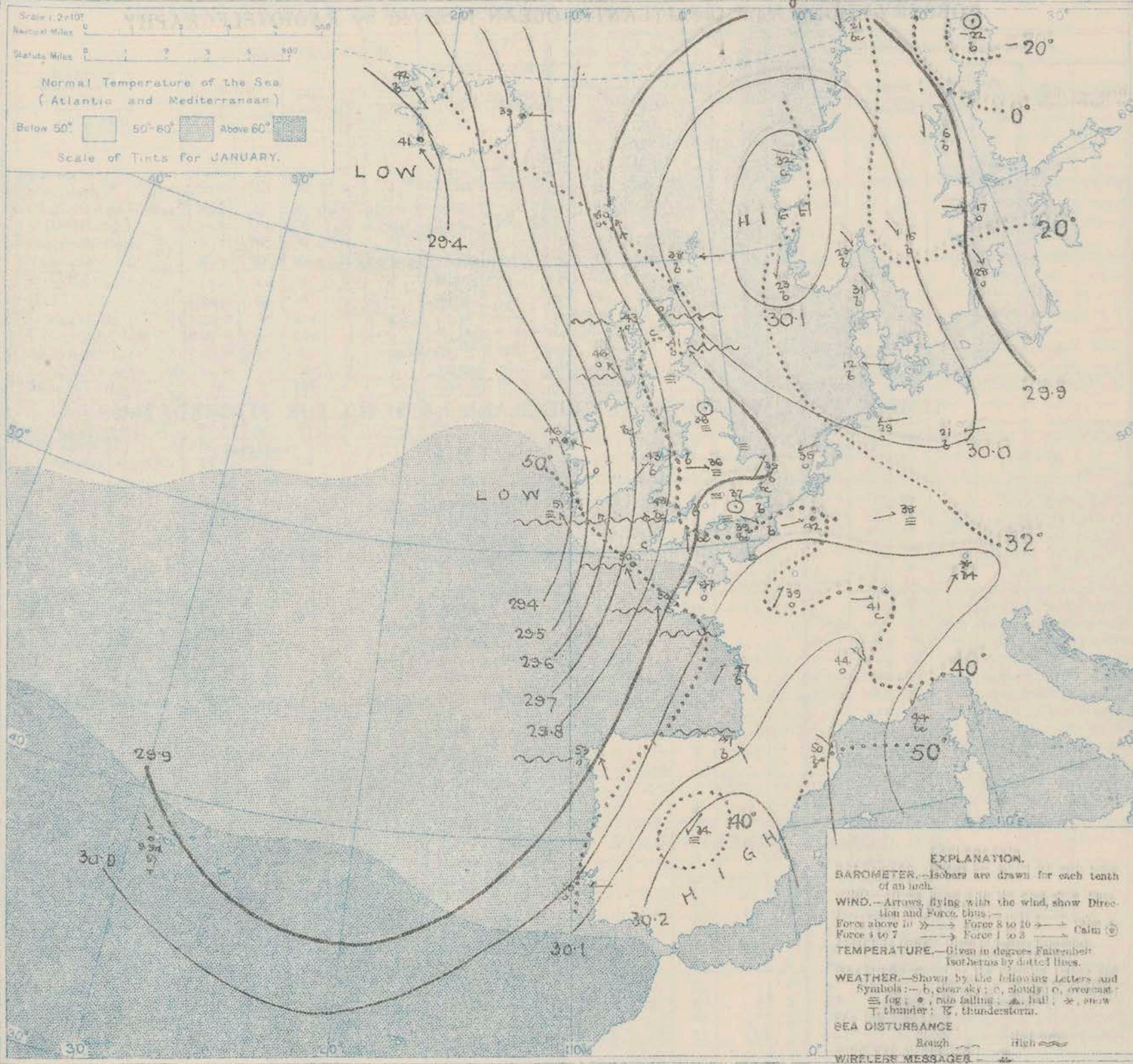
6 } a }
b }
7 } a } South-Easterly to Southerly
b }
8 } a } winds, increasing, strong to a gale;
b }
9 } a } changeable, some rain, mist or fog; mild.
b }
10 } a }
b }

11 WESTERN CHANNEL AND BAY.
Increasing Southerly and South-
Westerly winds, strong to a gale; sea
slight to rough; fair to unsettled, squally,
some rain, mist or fog; mild.

THE FURTHER OUTLOOK.

Unsettled conditions likely to
continue.

SYNOPTIC CHART FOR 7 A.M. ~~Wednesday~~ 10th JANUARY 1912



NOTES ON THE GENERAL SITUATION AT 7 A.M.

In an anticyclone centred over Southern Norway the barometer stands above 30.1 in. Another large depression is approaching Ireland, and the barometer has fallen below 29.4 in. on the Kerry coast. It is equally low off the south-west of Ireland. The gradient is steepening considerably over our western districts, elsewhere it is slight.

The winds are very variable over Eastern England
Germany and Scandinavia, but over the rest of our area the

Direction is $S.E.^{\circ}$ to $S.W.^{\circ}$, fresh or strong in force at several of our western and northern stations, a gale at the fairies. The temperature changes are very irregular. At the home stations the values range from 35° at Oxford to 51° at Valencia; on the continent from 21° at Berlin to 50° at Brest and Perpignan; in Scandinavia from 22° below zero at Haparanda to the freezing point at Christiansund; and in Iceland from 38° to 42° . Throughout our area the weather is extremely variable, from clear and cloudless to dull, misty or very foggy, with rain in places, snow at Grinnell.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The new disturbance approaching Ireland will occasion a renewal of windy, unsettled weather over the country generally.

DAILY WEATHER REPORT.

Wednesday, 10th, Jan. 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.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
4th January 6 a.m.	49-25	6-20	29.45	W	5	H. M. S.	9th January 7 a.m.	49-32	6-9	29.46	W	5	6	53	50	50	5
" " 4 a.m.	51	17	29.12	W	6-7	Laurentic	" " "	51	18	29.26	W	4-5	6	"	"	"	"
" " "	50	18	29.32	W	6-7	Lapland	" " "	50	19	29.33	W	6-7	c	"	"	"	"
" " "	50	12	29.34	W	12	Mesaba	" " "	50	13	29.42	W	8-9	c	"	"	"	"

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.	40	30	S.C.	Hrs. 0.0	In. 0.35	Brighton, to 6 p.m.	50	34	"	Hrs. 2.9	In. 0.52
Dublin (City), to 4 p.m.	48	44	r. cp. b.	"	0.07	Seaford, to 6 p.m.	50	40	o. b.	3.0	0.50
Blackpool, to 9 p.m.	"	"	"	"	"	Eastbourne, to 6 p.m.	51	40	"	2.7	0.65
Southport, to 9 p.m.	47	35	orth. c. o.	2.6	0.18	Bexhill-on-Sea, to 9 p.m.	51	40	"	2.8	0.24
Rhyl, to 6 p.m.	48	33	o. s. c.	1.6	0.18	Hastings	"	"	"	2.3	"
Colwyn Bay, to 6 p.m.	49	37	p. c.	1.6	0.45	Folkestone, to 6 p.m.	50	36	r. b. b. c. o.	1.6	0.40
Llandudno, to 9 p.m.	50	40	os. o. b. o.	1.1	0.19	Deal, to 6 p.m.	51	37	o. d. c. b. o. b.	2.0	0.21
Bettws-y-Coed, to 6 p.m.	"	"	"	"	"	Ramsgate, to 6 p.m.	"	"	"	3.1	0.18
Aberystwyth, to 6 p.m.	48	35	"	0.7	0.08	Margate, to 6 p.m.	51	33	"	2.5	0.25
Plymouth, to 9 p.m.	53	47	bc, b. o. p. c.	4.1	0.09	Felixstowe, to 6 p.m.	49	30	"	4.2	0.31
Lighton, to 6 p.m.	54	42	or. b. p. c. b. o.	4.1	0.04	Lowestoft, to 6 p.m.	49	37	o. s. c.	2.9	0.13
Porquay, to 6 p.m.	53	43	"	4.0	0.26	Skegness, to 6 p.m.	47	37	rs. b. c. b.	3.3	0.20
Teignmouth, to 9 p.m.	53	46	"	3.1	0.24	Scarborough, to 9 p.m.	41	34	o. c.	0.0	0.32
Weymouth, to 6 p.m.	53	47	cp, bc, b.	4.5	0.15	Harrogate, to 6 p.m.	42	30	os. cp. b. c. b.	1.6	0.38
Bournemouth, to 6 p.m.	52	38	c. b. c. b.	4.2	0.10	Buxton, to 6 p.m.	42	32	"	2.4	0.49
Southsea, to 6 p.m.	52	34	"	4.0	0.34	Darwen, to 9 p.m.	42	33	orth. b. o. m.	1.0	0.25
Worthing, to 6 p.m.	51	40	c. b.	3.3	0.55	Manchester, to 9 p.m.	49	36	op. b. c. op.	2.6	0.20
						Birmingham, to 9 p.m.	48	34	rs, p, c.	2.8	0.15

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.				
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				10th & 11th Jan., 1912.	Sunrise.	Noon.	Sunset.	
	24 HOURS ENDED AT 4 A.M. TO-DAY.											
Greenwich (Royal Obs.) ...	% 74	% 99	51	35	bc, x, f.	in. —	Hrs. 5.3	10th & 11th Jan., 1912.	G.M.T.	G.M.T.	G.M.T.	
City (Bunhill Row) ...	% 78	% 98	51	35	bc, x, f.	% —	1.0		Yarmouth ...	8.3	12.1	3.59
Westminster (St. James's Pk.)	% 70	% 99	52	36	bc, bc, o, em, f.	% —	4.1		8.2	12.1	4.0	
Camden Sq. (Brit. Rainfall)	% 80	% 100	50	36	bc, f.	% —	3.3		Greenwich ...	8.5	12.8	4.11
Hampstead (Reservoir) ...	% 80	% 100	50	35	bc, o, f, f, c.	0.01	4.2		8.4	12.8	4.12	
24 HOURS ENDED AT 6 P.M. YESTERDAY.								10th & 11th Jan., 1912.	8.58	12.20	3.42	
South Kensington ...	% 72	% 98	52	37	r. c. bc. b.	0.18	8.57					12.20	3.43
“ “ (Roof of M.O.)	% 72	% 98	53	38	r. c. bc. b.	% —	4.3		Valencia... ..	8.48	12.49	4.50
								10th & 11th Jan., 1912.	8.47	12.49	4.51	

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

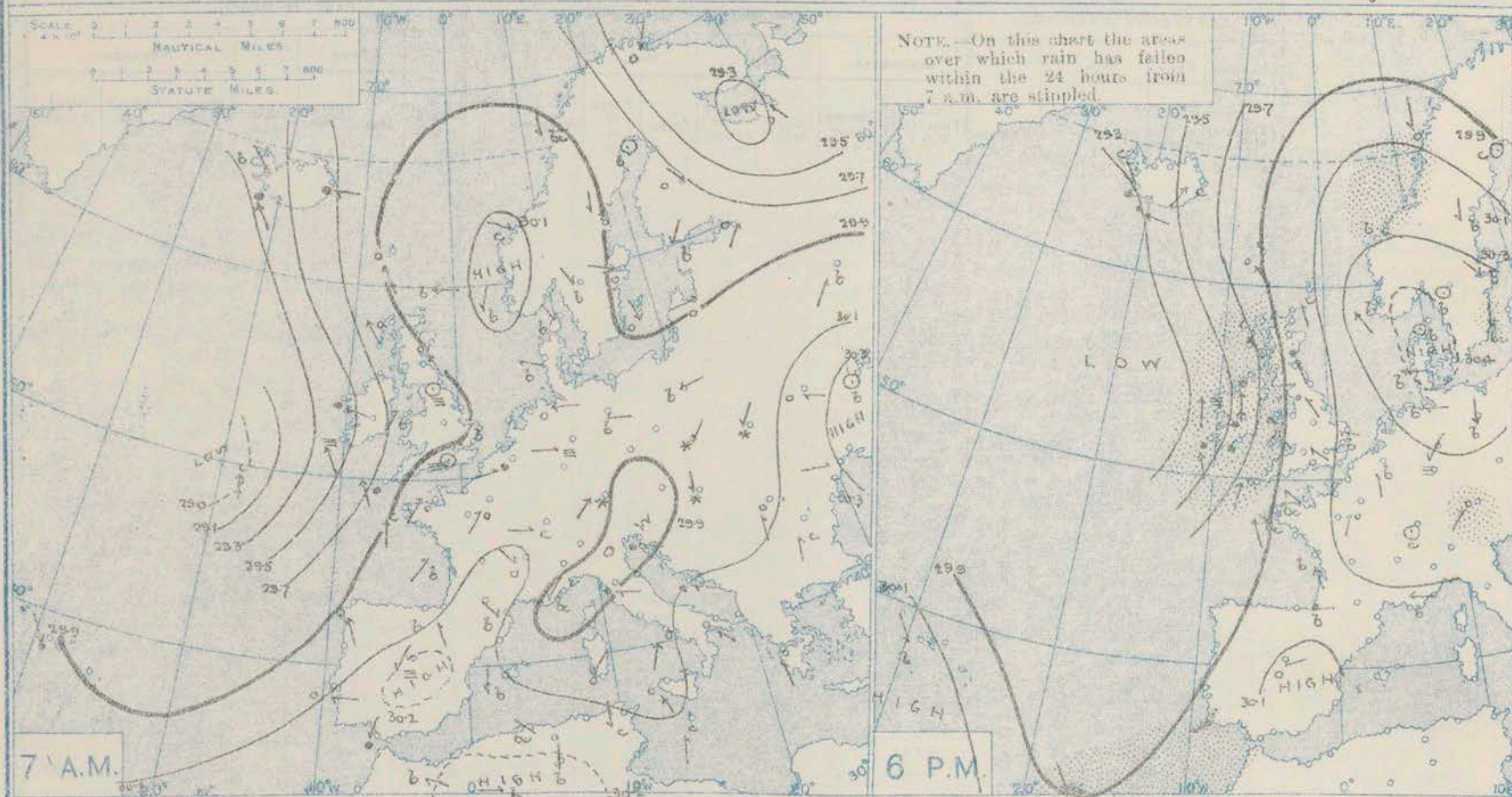
STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	In.	received.	"	"	Rome	"	59	28	bc, b.
Marseilles	"	48	34	o. o.	Vienna	"	45	27	s. f.
Malta	Not received.	"	"	"	Utrecht	0.16	39	30	o. o.
Algiers	"	64	52	bc, o.	Zürich	0.28	"	"	o. o.
Tunis	"	61	41	bc, b.	Geneva	"	"	"	o. o.
Palermo	0.04	62	35	bc, b.	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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. only threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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† Received too late for insertion in Charts.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 10th January



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° or a trifle above it at several of our western and southern stations. Considerable amounts of bright sunshine were recorded on the coasts of Kent and Sussex; elsewhere there was little or none. Rain fell in most districts, and a fresh to strong gale from South or South-East was

experienced on many parts of our western and northern coasts. Wireless reports show that between the Irish coasts and the 17th meridian ships experienced very strong Southerly gales, and cloudy, unsettled weather.

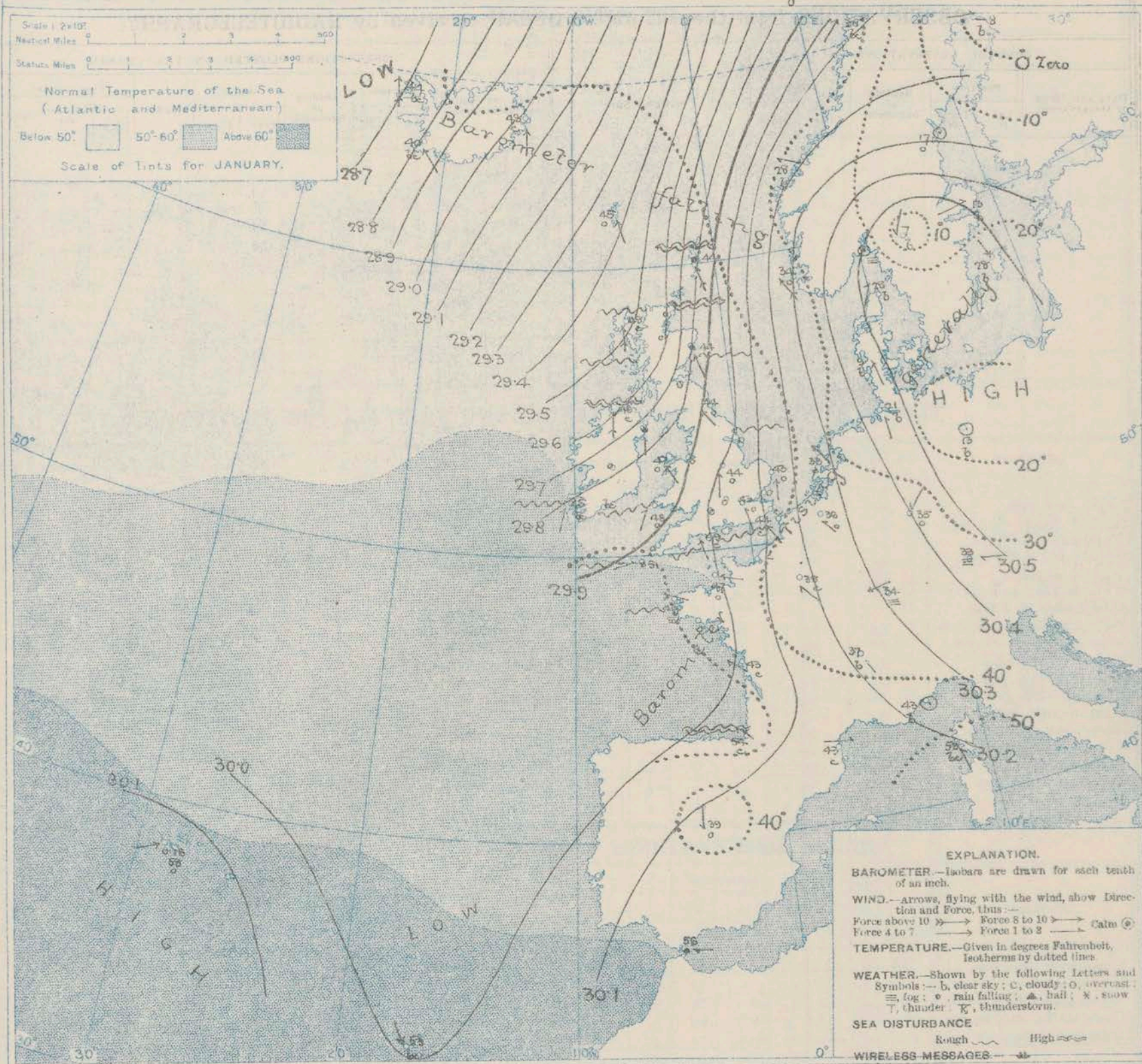
WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

FORECAST DISTRICTS.		FORECAST DISTRICTS.	
0	Southerly winds, strong to a gale at first, but moderating later; cloudy changeable, some rain; rather cooler.	6	Same as Nos. 0 and 1.
1		7	Same as Nos. 2 to 5.
2		8	South-Westerly to Southerly or South-Easterly winds, moderate; dull, misty, some rain; rather cooler.
3	South-Easterly winds, moderate or fresh; cloudy, slight rain locally.	9	Same as Nos. 0 and 1.
4	Becoming colder.	10	Southerly and South-Westerly winds, moderate; changeable, some showers; rather cooler.
5		11	WESTERN CHANNEL AND BAY. Moderate or fresh Southerly and South-Easterly winds; sea rather rough at first, but moderating later; cloudy, misty, some rain; cooler.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Thursday, 11th JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The deep depression noticed yesterday over the Atlantic is moving northwards to the westward of Ireland. An anticyclone of considerable intensity has been developed over northern and central Europe, and over the northern part of our area of observation the barometric gradient is steep.

Southerly or South Easterly winds prevail over Western Europe generally, and blow with the force of a gale on our own extreme north and north-west coasts. On our south-west coasts the wind has veered to the south-westward and fallen light. Temperature has risen over Great Britain, and also over northern Scandinavia, but fallen elsewhere. Over

the United Kingdom the morning readings range mostly between 42° and 47°, but at Scilly the thermometer is as high as 51°. Sharp frost prevails in Scandinavia, Denmark and North Germany. The sky is cloudy or dull over the greater part of the United Kingdom and France, with rain at several of our northern stations. In the south of Ireland, and in Scandinavia, Denmark and North Germany the weather is fine. The sea is high on our extreme north and north-west coasts, and rather rough in most other localities.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The Atlantic low pressure system is moving northward, and there are at present no indications of the approach of any new disturbance from the westward. The gales on our northern

coasts are likely to subside gradually, but the weather over the country generally will remain in a somewhat changeable condition with slight falls of rain in many districts.

DAILY WEATHER REPORT.

Thursday, 11th January, 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.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.	Dry Bulb.	Wet Bulb.		Sea.
	.	.	In.				.	.	In.				.	.	.		
10th Jan. 4 a.m.	50	16	29.20	S	10-11	Montezuma	10th Jan. 7 a.m.	50	17	28.97	S	10-11	c	.	.	.	

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.	45	35	b.c.c.o	Hrs. 0.0	In. 0.08	Brighton, to 6 p.m.	48	36	b.c.*	Hrs. 0.9	In. -
Dublin (City), to 4 p.m.	50	37	b. od. or	*	0.05	Seaford, to 6 p.m.	50	37	b. b. o	2.1	-
Blackpool, to 9 p.m.	45	35	m. o. c	0.2	0.02	Eastbourne, to 6 p.m.	51	39	b. *	1.3	0.02
Southport, to 9 p.m.	44	35	o. b. c. o	0.5	0.05	Bexhill-on-Sea, to 9 p.m.	48	39	b. m. o	3.2	0.01
Rhyl, to 6 p.m.	47	37	b. c. o. c	1.4	-	Hastings	*	*	*	3.4	*
Colwyn Bay, to 6 p.m.	48	41	b. c	1.0	0.03	Folkestone, to 6 p.m.	52	40	o. b. c. b. c	4.9	-
Llandudno, to 9 p.m.	*	*	*	1.0	-	Deal, to 6 p.m.	48	39	b. b. c. b	5.4	-
Bettws-y-Coed, to 6 p.m.	51	25	b. p	0.5	*	Ramsgate, to 6 p.m.	*	*	*	6.0	-
Aberystwyth, to 6 p.m.	50	39	*	0.2	-	Margate, to 6 p.m.	49	41	o	5.0	-
Plymouth, to 9 p.m.	51	42	o. c. q.	0.0	-	Felixstowe, to 6 p.m.	42	36	*	4.3	-
Paignton, to 6 p.m.	52	39	b. c. b	0.0	-	Lowestoft, to 6 p.m.	43	37	c. b. c	1.5	-
Torquay, to 6 p.m.	52	42	*	0.0	-	Skegness, to 6 p.m.	40	34	f	0.0	0.01
Teignmouth, to 9 p.m.	51	41	o	0.0	-	Scarborough, to 9 p.m.	43	34	of	0.0	-
Weymouth, to 6 p.m.	50	41	c	0.0	-	Harrogate, to 6 p.m.	40	32	b. c. m	0.0	-
Bournemouth, to 6 p.m.	49	38	o	0.0	0.01	Buxton, to 6 p.m.	40	34	f. m	0.0	0.19
Southsea, to 6 p.m.	48	38	*	0.0	0.02	Darwen, to 9 p.m.	42	37	o. f. b. m	0.0	0.01
Worthing, to 6 p.m.	48	34	c	0.2	-	Manchester, to 9 p.m.	46	38	o. f. c. b. o	0.5	Trace
						Birmingham, to 9 p.m.	46	37	o. c. o	1.2	-

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.			
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				11th & 12th Jan., 1912	Sunrise	Noon	Sunset
	24 HOURS ENDED AT 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	88	89	51	36	b. c. v. c	In.	Hrs. 2.9	Yarmouth	G.M.T.	G.M.T.	G.M.T.
City (Bunhill Row)	*	*	*	*	*	*	0.0		8.2	12.1	4.0
Westminster (St. James's Pk.)	88	83	48	35	f. c. f. m	-	0.1		8.2	12.1	4.1
Camden Sq. (Brit. Rainfall)	100	88	45	39	f. o	-	0.0		8.4	12.8	4.12
Hampstead (Reservoir) ...	*	91	44	41	o. f. o	-	0.0		8.3	12.8	4.13
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Wick	8.57	12.20	3.43
South Kensington ...	*	*	49	39	} o. f. c. m. c {	Trace	*	Valencia... ..	8.56	12.20	3.44
" (Roof of M.O.)	86	83	51	40			*		1.4	8.47	12.49	4.51
									8.47	12.49	4.52

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	In.	*	*	c. b	Rome	In.	*	*	o. o
Marseilles	0.16	56	48	r. b.	Vienna	0.32	50	49	o. r
Malta	-	59	46	c	Utrecht	0.04	34	32	f. f.
Algiers	-	66	50	r. b.	Zürich	Trace	43	32	b. f.
Tunis	-	64	55	b. c	Geneva	0.67	*	*	r. o
Palermo	-	63	45	b. o	Lugano	0.16	*	*	r. o
		58	40				*	*	o. 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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday
12th January, 1912.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.							
	Barom.	Temp.	Wind.	Force	Weather.	Barometer.	Temp.	Wind.	Force	Weather.	Sea	Rain-fall.	Temp.		Sun-shine.	Weather.							
													Max.	Min.		Morn'g.	After'n.	Night.					
																		7 a.m. to 1 p.m.	1 p.m. to 6 p.m.	6 p.m. to 7 a.m.			
																		In.	°	Hours			
BRITISH ISLANDS.	Lerwick	29.70	46	S	6	0	29.84	45	+1	SSE	4	c	5	0.07	46	43	*	opm	opm	c.1			
	Stornoway	29.72	45	S	5	c	29.79	46	-2	SW	6	+	5	0.15	48	43	0.4	cpq	cpq	c.1			
	Castlebay (Barra Isd.)	29.80	47	SW	4	c	29.80	47	0	S	5	op	6	0.09	49	45	3.8	op.c	c	c.1			
	Malin Head	29.83	45	SE	2	b	29.85	44	-2	S	6	bc	4	0.02	47	41	+	bc	bc	bep.			
	Blacksod Point	29.83	47	SW	5	0	29.86	49	+1	SW	5	0	4	0.20	49	45	+	omp	omp	omp			
	Valencia	29.99	46	SSW	2	c	29.99	48	+3	S	4	r	5	0.21	50	44	5.4	bc	bc	bep.			
	Roche's Point	30.05	46	SW	3	bc	30.09	47	+2	SW	4	r	5	0.08	49	43	+	bc	bc	bed			
	Birr Castle	29.97	42	S	1	c	29.99	45	0	S	2	0	+	+	49	40	5.6	b	c	ag.			
	Donaghadee	29.97	42	SSW	2	b	30.04	43	-3	SSW	2	bc	2	Trace	49	40	+	bc	bc	cp			
	Liverpool Obsy.	30.07	43	SW	2	b	30.15	41	-3	S	2	0	1	0.02	49	39	1.3	op	c.1	0			
	Holyhead	30.03	46	WSW	3	bmw	30.10	48	+1	WSW	4	0	3	+	50	45	+	bm	bm	c.1			
	Pembroke (St. Ann's Hd.)	30.08	48	WSW	3	b	30.15	48	0	SSW	4	cg	4	Trace	50	47	5.6	ogm	bc	b			
	Newquay	30.11	45	SW	1	b	30.21	42	-5	SE	1	bc	3	0.01	52	46	4.3	bc	b	b.1			
	Scilly (St. Mary's)	30.11	47	NW	1	bc	30.18	49	-2	SW	3	ogm	4	+	52	45	6.0	bm	bc	b			
	Jersey (St. Aubin)	30.14	48	W	2	cm	30.28	44	-3	WSW	1	cf	1	+	48	41	0.0	ogm	em	af.1			
	Portland Bill	30.13	47	-	0	b	30.26	43	-6	NW	1	cf	3	0.07	49	42	0.0	er	bc	bef			
	Dungeness	30.10	46	S	3	c	30.25	41	-3	NW	1	f	3	Trace	47	38	0.0	c	cp	ca.1			
	Dover	30.16	44	SW	2	b	30.22	39	-3	-	0	f	2	0.02	46	36	0.4	c.1	bc	c			
	Wick	29.78	44	SW	2	c	29.87	44	-1	SW	2	om	3	0.02	47	42	+	c.1	bc	bc			
	Nairn	29.79	45	WSW	2	b	29.88	44	-2	WSW	2	c	1	+	49	41	3.6	b	b	c			
	Aberdeen	29.89	43	SSW	3	b	29.99	43	-1	SSW	2	0	3	0.07	46	40	0.0	opq	abm	bm.0			
	Leith	29.95	45	WSW	3	bc	30.01	46	0	SW	3	0	+	Trace	49	45	+	c.1	bc	bc			
	North Shields	30.00	41	S	2	0	30.12	40	-4	SSW	3	c	3	+	44	37	0.0	0	0	c			
	Spurn Head	30.07	42	SSW	2	bc	30.16	39	-3	SSW	3	m	3	0.08	42	37	+	or	em	f.1			
Yarmouth	30.11	44	SSE	3	c	30.24	38	-5	WSW	1	ofe	1	+	44	38	0.0	om	om.c	om.f				
Clacton-on-Sea	30.11	43	SSW	1	c	30.25	40	-3	W	1	m	1	0.01	44	38	0.0	og	og.1	og.1				
Nottingham	30.09	39	SW	1	b	30.20	39	-5	SW	2	0	+	0.10	45	35	0.0	om	na.1	b.1				
Bath	30.12	44	S	1	b	30.25	37	-10	NE	1	0	+	0.10	49	36	0.0	r	0	f				
Oxford	30.16	43	-	0	0	30.29	34	-10	SSW	1	ofg	+	0.02	46	34	+	or	or.1	ad.1				
London (Kew Obsy.)	30.14	40	-	0	bc	30.28	40	-3	-	0	of	+	0.03	46	38	0.0	0	or.1	b.1				
ICELAND & FAEROE.	Isafjord	28.70	40	SE	3	c	28.96	33	-11	-	0	c	+	+	+	+	+	+	+				
	Reykjavik	28.77	40	S	3	+	28.88	32	-8	-	0	3	+	+	+	+	+	+	+				
	Seydisfjord	28.94	41	-	0	bc	29.06	40	-8	N	2	0	+	+	+	+	+	+	+				
	Thorshavn	29.34	46	W	6	0	29.48	46	+1	WSW	7	c	+	+	+	+	+	+	+				
SCANDINAVIA.	Haparanda	30.23	13	S	2	0	30.23	23	+14	S	4	0	+	+	27	9	+	+	+				
	Hernösand	30.27	21	-	0	bc	30.28	28	+11	S	4	0	+	+	28	11	+	+	+				
	Stockholm	30.61	19	W	2	b	30.61	28	+15	SW	4	0	+	+	28	12	+	+	+				
	Wisby	30.66	28	W	4	b	30.70	30	+2	SW	4	bc	+	+	30	23	+	+	+				
	Karlstad	30.55	25	E	2	0	30.51	28	+21	S	4	0	+	+	28	7	+	+	+				
	Færder (Xtania Fjord)	30.47	32	S	5	0	30.40	35	+9	S	6	0	+	+	35	23	+	+	+				
	Bodö	30.04	32	S	4	b	29.94	36	+1	E	3	0	+	+	36	28	+	+	+				
	Christiansund	29.96	29	SE	5	0	29.97	43	+15	SW	1	0	+	+	43	28	+	+	+				
	Skudesnaes	30.17	35	SE	9	0	30.17	38	+4	SE	8	0	+	+	38	34	+	+	+				
	The Scaw (Skagen)	30.48	32	S	5	c	30.41	34	+6	S	7	0	+	+	34	25	+	+	+				
Blaavans Huk	30.36	28	SE	7	0	30.32	26	+8	SSE	5	+	+	+	26	18	+	+	+					
GERMANY, &c.	Cuxhaven	30.38	24	SE	6	0	30.30	23	+2	SSE	4	0	+	+	27	21	+	+	+				
	The Helder	30.19	37	SE	1	0	30.25	41	+8	SSW	1	0	+	+	41	33	+	+	+				
	Brussels	30.20	39	SE	1	0	30.32	37	+1	-	0	+	+	+	45	35	+	+	+				
	Berlin	30.62	19	SE	4	b	30.54	18	+5	SE	4	0	+	+	21	13	+	+	+				
	Frankfurt	30.37	34	NE	2	0	30.34	32	-3	SE	1	0	+	+	32	32	+	+	+				
	Munich	30.50	26	E	5	0	30.46	26	-7	SE	3	0	+	+	26	25	+	+	+				
	C. Gris Nez	30.12	42	SE	4	c	30.28	40	0	WNW	3	f	2	+	46	37	+	+	+				
FRANCE.	La Hève	29.94	43	SSE	2	0	30.30	41	+1	ESE	2	0	+	+	46	36	+	+	+				
	Brest (St. Mathieu)	30.17	49	NW	1	m	30.28	53	+4	SE	1	m	5	+	50	46	+	+	+				
	Lorient (Bec Melen)	30.13	50	ESE	2	0	30.29	49	+1	SE	3	0	+	+	54	45	+	+	+				
	Rochefort (Ile d'Aix)	30.19	48	S	3	0	30.29	43	0	SSE	3	0	+	+	50	43	+	+	+				
	Biarritz	30.19	55	SE	2	bc	30.28	48	-6	SE	2	0	+	+	61	41	+	+	+				
	Paris	30.17	41	S	2	c	30.31	33	-5	-	0	+	+	+	45	33	+	+	+				
	Belfort	30.38	35	ENE	6	m	30.40	39	+3	W	4	+	+	+	41	32	+	+	+				
	Lyons	30.30	44	N	1	b	30.41	41	+4	SE	1	0	+	+	47	35	+	+	+				
SPAIN, PORTUGAL, &c.	Nice	30.36	46	-	0	b	30.43	41	-2	-	0	bc	2	+	55	39	+	+	+				
	Perpignan	30.29	47	-	0	c	30.37	40	-3	SW	1	+	+	+	58	39	+	+	+				
	Sanguinaire	30.33	50	SE	1	m	30.36	54	+1	SE	2	m	2	+	53	43	+	+	+				
	Corunna	30.13	58	N	2	f	30.26	46	-6	E	1	f	6	+	59	45	+	+	+				
PORTUGAL, &c.	Lisbon (8 a.m. local)	29.91	58	E	4	0	29.96	59	+3	E	5	0	+	+	+	+	+	+	+				
	Gibraltar	29.91	58	E	4	0	29.96	59	+3	E	5	0	+	+	+	+	+	+	+				
	Azores (P. Delgada)	30.14	62	SW	4	c	30.10	62	+5	WSW	4	0	3	0.12	63	61	+	+	+				
	Azores (Horta)	29.97	59	NW	6	+	30.15	57	+4	NE	4	0	5	0.04	61	48	+	+	+				

* Information for these columns not usually received.

† Received too late for insertion in Charts.

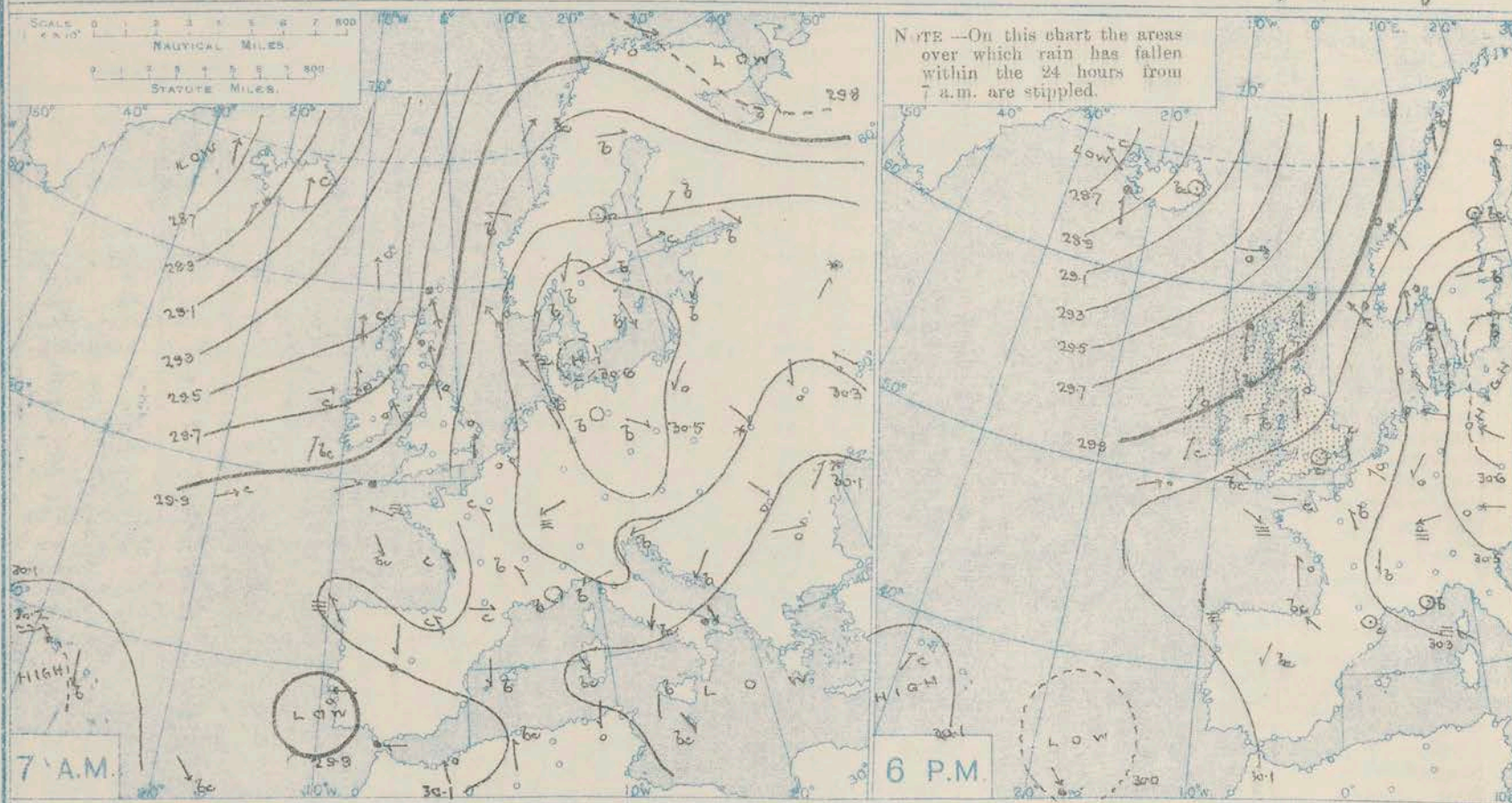
DURATION AND EXTREME FORCE OF GALE ON BRITISH COASTS

Extreme S.E. 10. 8. 6.

Yam - 5pm
Yam - 11am
Yam - 8am

Lerwick
Wick
Malin Head

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 50° and upwards at a number of southern and western stations, to 54° at Torquay.

The Southerly gale which set in on Wednesday continued for some time yesterday at Berwick, Wick and Malin Head. Between the Bay of Biscay and the 20th meridian ships

experienced north-westerly to south-westerly winds, light to moderates, with fine to dull weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

FORECAST DISTRICTS	
0	<p>a } Southerly and South-Westerly breezes, fresh or strong at times locally; changeable, some rain, misty locally; mild.</p> <p>b }</p>
1	Light to moderate Southerly and South
2	<p>a } Westerly breezes; fair to dull, some mist</p> <p>b } or fog; mild.</p>
3	Balm's and light variable airs;
4	<p>a } generally dull, much mist or fog, some fair</p> <p>b } intervals, moderate temperature.</p>
5	
6	<p>a } Light to moderate South-Westerly breezes;</p> <p>b }</p>
7	<p>a } fair to dull, some fog; mild.</p> <p>b }</p>
8	<p>a } Same as Nos. 3 to 5.</p> <p>b }</p>
9	<p>a } Same as No. 0.</p> <p>b }</p>
10	<p>a }</p> <p>b }</p>
11	WESTERN CHANNEL AND BAY.

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

Signals hoisted yesterday. Signals hoisted this morning.

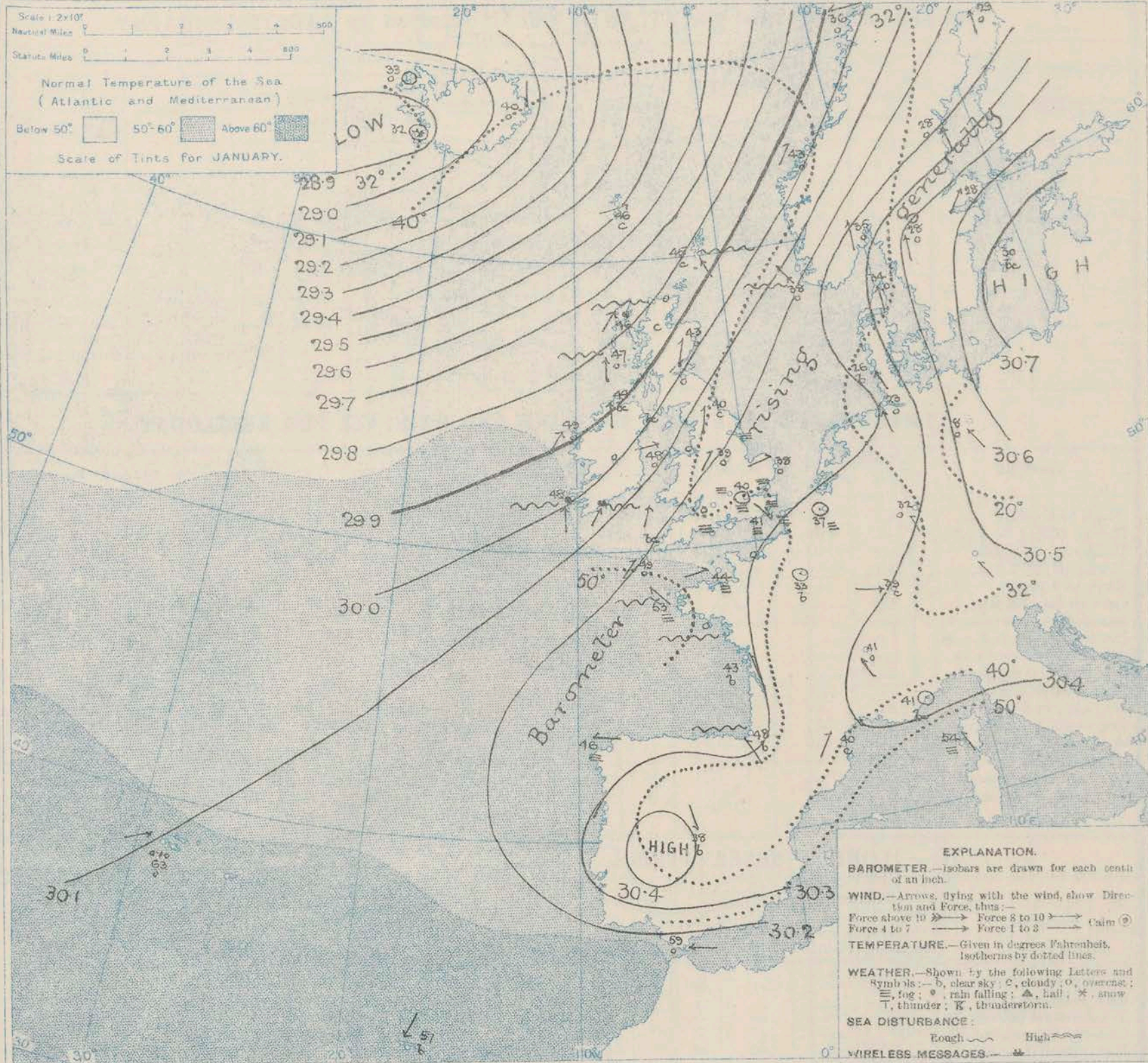
South Cone. North Cone. South Cone. North Cone.

No Warnings Issued.

THE FURTHER OUTLOOK.

Balm's light variable airs Channel, light to moderate South-Westerly breezes Bay, sea slight or smooth, fair or fine to dull, misty or foggy, mild.

SYNOPTIC CHART FOR 7 A.M. Friday, 12th JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An extensive area of high pressure now embraces England and the whole of the Continental Countries, its central space being on the Baltic and Western Russia, with the barometer at 30.4 in. In a depression centred to the westward of Iceland pressure is at about 28.9 in. There is a considerable gradient across the more northern parts of the region under observation.

Over Southern England, France and the Netherlands calms and very light variable breezes prevail. South-easterly breezes in Germany, southerly or south-westerly over the rest of our area, varying greatly in force, fresh to strong or high in several localities.

a gale at Skuasnaes, a strong gale off the south of Iceland. At the home stations temperature ranges from 34° at Seaford to 49° at Blackhead Point and Lillie; on the Continent from 19° at Berlin to 53° at Brest, and 59° at Lorient; in Scandinavia from 23° at Haparanda to 43° at Christiansund; and in Iceland from 32° to 40°. Dull weather prevails in all countries, with rain locally on our own western coasts, much fog over southern and eastern England, the Channel and Belgium. The sea is rough or rather rough on our extreme northern and western coasts, and down the Bay.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

Small secondary irregularities of pressure on the Atlantic will maintain a somewhat unsettled type of conditions on our western coasts, but over the country

generally the weather will be under the influence of the Continental anticyclone.

DAILY WEATHER REPORT.

Friday, 12th January 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 Dis- turbance.
	Lat. N.	Long. W.		Dirac.	Force.			Lat. N.	Long. W.		Dirac.	Force.		Air.	Dry Bulb.	Wet Bulb.		Sea.
	"	"	In.					"	"	In.				"	"	"	
11th Jan. 4 p.m.	48 50	6 33	30.08	N	3	H. M. S.	11th Jan. 6 p.m.	48 22	6 15	30.16	SW	3	b	51	50	52	4
						atmosphere clearing, swell moderating											
" 3 p.m.	49	14	30.02	SW	4-5	Finland	11th Jan 6 p.m.	49	13	30.09	WSW	4-5	c	.	.	.	.
" 4 a.m.	48	18	29.89	WSW	4-5	do.	" 7 a.m.	48	17	29.94	WSW	4-5	c	.	.	.	.
" 8 a.m.	47 10	7 21	29.89	NW	6	H. M. S.	" 10 a.m.	47 19	7 6	30.00	NNW	3	bc	54	52	53	4
						bar rising, weather clearing, swell moderating.											

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.	49	40	o. r. g. bc. o	0.8	0.51	Brighton, to 6 p.m.	47	37	*	0.0	0.03
Dublin (City), to 4 p.m.	48	45	b. r. g. b	*	0.31	Seaford, to 6 p.m.	44	43	o. c. r. m	0.1	0.02
Blackpool, to 9 p.m.	48	43	o. bc	1.1	0.02	Eastbourne, to 6 p.m.	49	44	*	0.0	0.04
Southport, to 9 p.m.	48	40	o. r. bc. b	0.1	0.08	Bexhill-on-Sea, to 9 p.m.	47	44	c. r. f	0.2	0.04
Rhyl, to 6 p.m.	52	38	bc. r. bc	1.8	0.05	Hastings	*	*	*	0.1	*
Colwyn Bay, to 6 p.m.	48	44	bc. b	2.5	0.08	Folkestone, to 6 p.m.	47	42	bc. b. o. r. m	0.3	0.22
Llandudno, to 9 p.m.	51	46	o. o. bc.	3.0	0.03	Deal, to 6 p.m.	47	42	o. c. bc. d	0.4	-
Bettws-y-Coed, to 6 p.m.					*	Ramsgate, to 6 p.m.	*	*	*	0.0	-
Aberystwyth, to 6 p.m.	49	46		3.7	0.24	Margate, to 6 p.m.	45	41	*	0.0	-
Plymouth, to 9 p.m.	54	41	o. p. bc. f	3.8	0.48	Felixstowe, to 6 p.m.	44	37	*	0.0	0.02
Paignton, to 6 p.m.	52	42	b. o. r. b	2.9	0.20	Lowestoft, to 6 p.m.	45	38	c. o	0.0	-
Torquay, to 6 p.m.	54	47	*	3.3	0.18	Skegness, to 6 p.m.	42	40	c. r. b	0.0	0.34
Teignmouth, to 9 p.m.	53	47	r. bc. m	2.8	0.32	Scarborough, to 9 p.m.	43	39	o. g. f	0.0	-
Weymouth, to 6 p.m.	50	45	c. d. b	0.0	0.09	Harrogate, to 6 p.m.	43	34	o. m. r. bc	0.0	0.34
Bournemouth, to 6 p.m.	49	44	r. o. c	0.7	0.20	Buxton, to 6 p.m.	42	33	o. r. bc. n	0.0	0.31
Southsea, to 6 p.m.	48	39	*	0.0	0.07	Darwen, to 9 p.m.	44	40	o. r. c. bc	0.0	0.41
Worthing, to 6 p.m.	47	41	c. p	0.0	0.04	Manchester, to 9 p.m.	47	41	o. r. c. bc	0.2	0.13
						Birmingham, to 9 p.m.	45	42	o. n. o. f	0.0	0.09

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.								
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				12th and 13th Jan. 1912	Sunrise	Noon	Sunset					
24 HOURS ENDED AT 9 A.M. TO-DAY.																
Greenwich (Royal Obsy.) ...	% 91	% 100	47	38	o. op. o. f	In. 0.02	Hrs. 0.0	Yarmouth	{	8.2	12.1	4.1				
City (Bunhill Row)	% *	% *	*	*	*	*	0.0						4.3			
Westminster (St. James's Pk.)	89	100	48	41	r. m	0.01	0.0						4.3			
Camden Sq. (Brit. Rainfall)	91	98	46	35	o. or. ad. bn	0.02	0.0						4.13			
Hampstead (Reservoir) ...	*	99	44	38	op. bc. ce.	0.03	0.0						4.15			
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Wick	{	8.36	12.20	3.44				
South Kensington ...	% *	% *	47	44	o. or. o. c. b	{	0.01						0.0	8.55	12.21	3.46
„ „ (Roof of M.O.)	85	99	47	45													*	0.0	4.54

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	-	63	50	c. bc.	Rome	0.32	57	44	o. b.
Marseilles	-	55	37	b. b.	Vienna	0.24	37	24	o. b.
Malta	0.47	57	54	bc.	Utrecht	-	39	32	f. m.
Algiers	-	66	50	bc. bc.	Zürich	Trace	*	*	b. b.
Tunis	0.99	57	45	b. o.	Geneva	-	*	*	b. bc
Palermo	-	62	46	b. b.	Lugano	-	*	*	b. b.

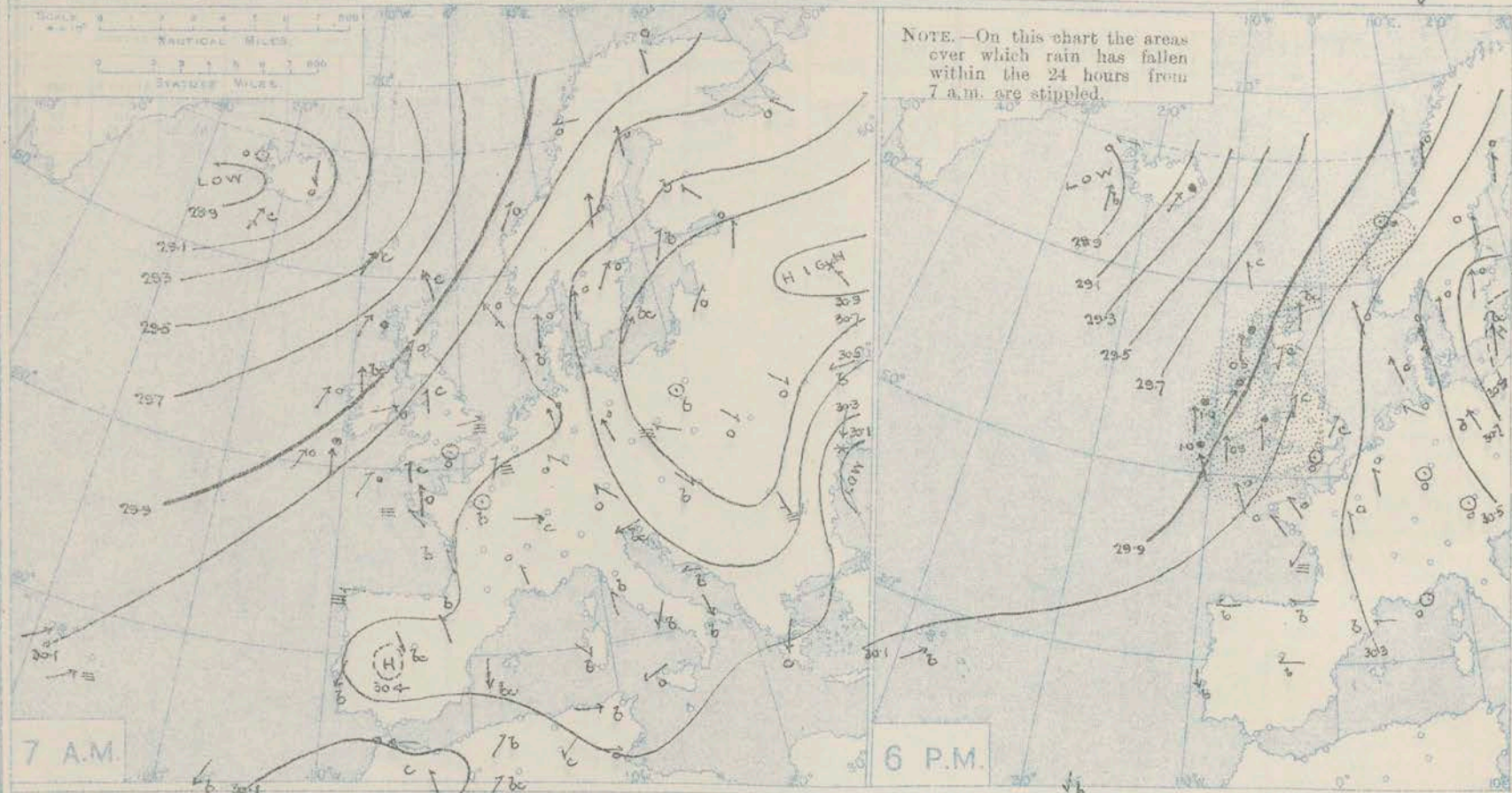
NOTE.—The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain;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

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† Received too late for insertion in Charts.

Locality	Time	Extreme	SSE 8
Urnwick	3 am - 7 am	"	"
Wick	1 am - 7 am	"	"
Abberdeen	5 am	"	"

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 12th January



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature was above the normal over the British Isles generally, mounting to 52° at Betteus-y-Good and Valencia Naion had 3½ hours of bright sunshine, but most other places had none. Rain has fallen nearly everywhere heavily

in Ireland. A Southerly gale to a strong gale was experienced during the night in the north-east of Scotland. As far west as the 17th meridian, ships experienced fresh to strong Southerly winds, and dull weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

- | | | |
|---|---|---------------------------------------------------------------------------------------------------------|
| 0 | a | Wind between South West and South East, strong to a gale in places equally, changeable, some rain; mild |
| 1 | b | |
| 2 | a | Southerly and South.Westerly breezes, fresh at times locally; |
| 3 | b | |
| 4 | a | changeable, some rain, local mist or fog; mild. |
| 5 | b | |

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 | Southerly and South.Westerly winds, fresh to strong or high in places; changeable, some rain, local mist or fog; mild. |
| 7 | b | |
| 8 | a | rain, local mist or fog; mild. |
| 9 | b | |
| 10 | a | |
| | b | |

11 WESTERN CHANNEL AND BAY.

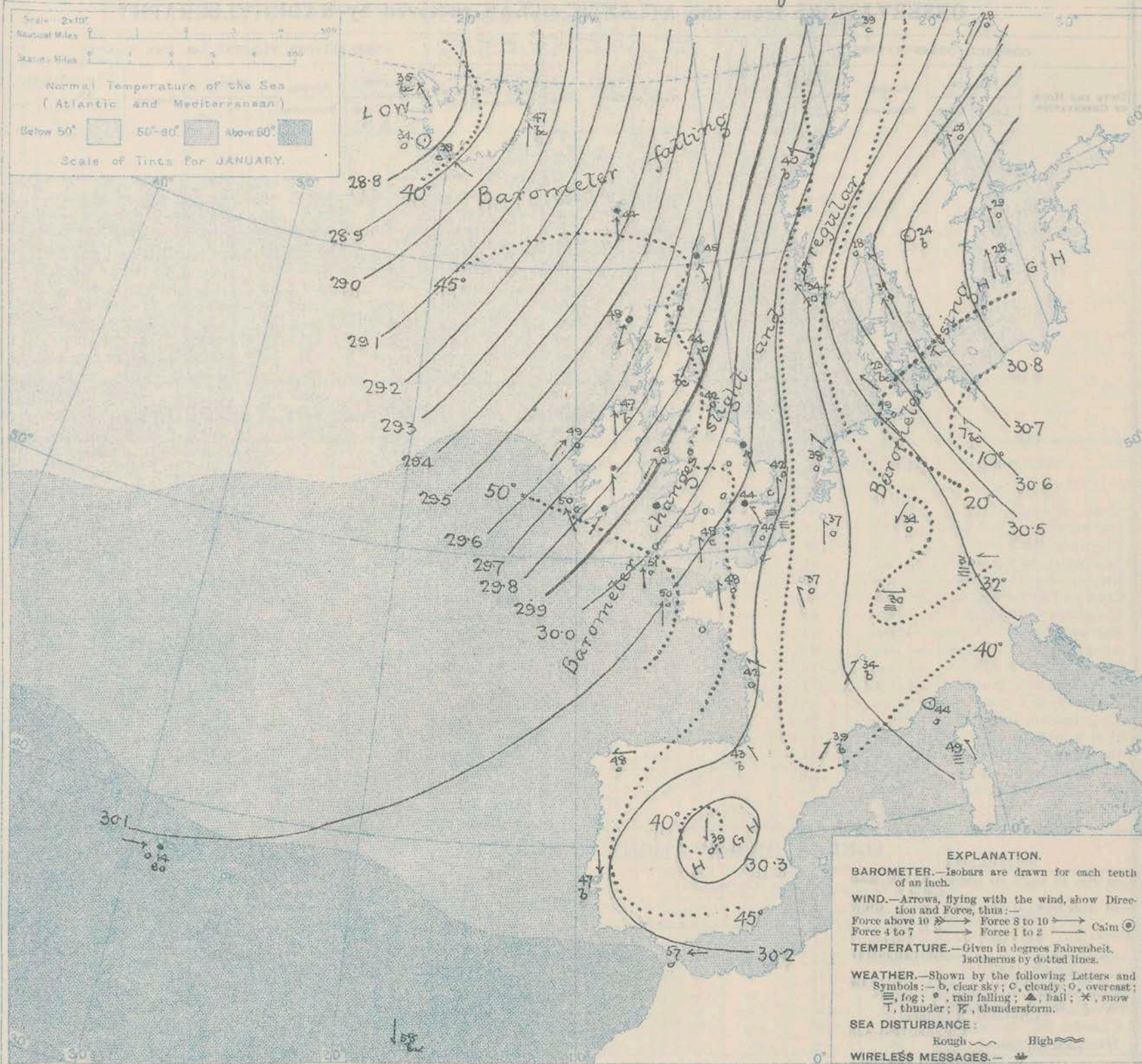
Southerly and South.Westerly winds, fresh or strong at times; sea slight or moderate; gusty, changeable, some rain, mist or fog; mild

THE FURTHER OUTLOOK.

(All Districts).

Conditions remaining unsettled generally.

SYNOPTIC CHART FOR 7 A.M. Saturday, 13th JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The Continental anticyclone has increased in intensity, and the barometer is now at about 30.9 in. on the Russian coast of the Baltic. In the Atlantic depression pressure continues at 28 $\frac{7}{8}$ in. in Western Ireland. The gradient is steep between Iceland and Scandinavia.

South Easterly winds prevail to the eastward of the North Sea, Southerly and South Westerly over the other half of our area. The force varies greatly, ranging up to a gale in Shetland and at Skudesnaes. Over the British Isles temperature ranges from 41° at Dover

to 51° at Scilly; on the Continent from 7° at Berlin to 50° at Brest, and 57° at Gibraltar; in Scandinavia from 24° at Karlsstad to 40° at Christiansund; and in Iceland from 35° to 47°. Very cloudy to overcast skies prevail over nearly the whole of the region under observation. Rain is falling at isolated stations, and fog is reported at a few places. A rough sea is running round the north of Scotland, and it is rather rough along the south of Ireland and across to Milford Haven.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

There are no indications of any considerable change in the general distribution of pressure, so

that the unsettled type is likely to continue.

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 Dis turb and
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air.		Sea.	
														Dry Bulb.	Wet Bulb.		
	.	.	In.				.	.	In.				.	.	.		
12th Jan. 4am	51	16	29.78	SSW	1-3	<u>Olympic</u>	12th Jan 7am	51	16	29.72	SSE	6-7	0	.	.	.	
" " "	51	16	29.81	SW	4-5	<u>Arabic</u>	" " "	51	12	29.90	SW	4-5	0	.	.	.	

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.	48	43	2.c.c	Hrs.	In.	Brighton, to 6 p.m.	47	34	"	Hrs.	In.
Dublin (City), to 4 p.m.	51	43	bc.c	0.3	0.31	Seaford, to 6 p.m.	47	35	m.o.c.c	0.2	—
Blackpool, to 9 p.m.	47	38	0	0.0	0.03	Eastbourne, to 6 p.m.	47	39	"	0.0	0.02
Southport, to 9 p.m.	47	37	bc.o.c	0.0	—	Bexhill-on-Sea, to 9 p.m.	48	39	of.c	0.0	0.04
Rhyl, to 6 p.m.	48	38	bc.o	0.3	—	Hastings	"	"	"	0.0	"
Colwyn Bay, to 6 p.m.	48	42	bc	1.2	—	Folkestone, to 6 p.m.	47	36	f.o.of	0.0	—
Llandudno, to 9 p.m.	50	43	bc.o.c	0.0	—	Deal, to 6 p.m.	47	36	bm.f.bc.o	0.2	0.01
Bettws-y-Coed, to 6 p.m.	52	25	—	0.0	"	Ramsgate, to 6 p.m.	"	"	"	0.0	—
Aberystwyth, to 6 p.m.	49	43	0.2	—	"	Margate, to 6 p.m.	46	39	"	0.0	—
Plymouth, to 9 p.m.	49	35	of.of.bc	0.0	—	Felixstowe, to 6 p.m.	42	26	"	0.0	—
Paignton, to 6 p.m.	48	35	bc.mw.bc	0.0	—	Lowestoft, to 6 p.m.	43	38	cc.m.om	0.0	—
Torquay, to 6 p.m.	50	37	"	0.0	—	Skegness, to 6 p.m.	42	37	f.m.bc	0.0	—
Teignmouth, to 9 p.m.	49	33	bc.bm	0.4	0.04	Scarborough, to 9 p.m.	43	37	"	0.0	0.25
Weymouth, to 6 p.m.	49	36	m.bc	0.3	0.01	Harrogate, to 6 p.m.	43	37	bc.cp.o	0.0	0.02
Bournemouth, to 6 p.m.	46	35	f.o	0.0	—	Buxton, to 6 p.m.	"	"	"	"	"
Southsea, to 6 p.m.	46	37	"	0.0	—	Darwen, to 9 p.m.	43	37	bc.org.w	0.0	0.01
Worthing, to 6 p.m.	47	34	c	0.2	—	Manchester, to 9 p.m.	46	39	c.of.c.o	0.0	0.01
						Birmingham, to 9 p.m.	43	39	o.b	0.0	0.01

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.		
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				13th and 14th Jan. 1912.	Sunrise	Noon
	%	%								
Greenwich (Royal Obsy.)	86	98	47	38	o.m.r	In. 0.02	Hrs. 0.0	Yarmouth	G.M.T. 8.1	G.M.T. 12.2
City (Bunhill Row)	"	"	"	"	"	"	0.0		G.M.T. 8.0	G.M.T. 12.2
Westminster (St. James's Pk.)	89	94	46	41	m.r	0.04	0.0		G.M.T. 8.3	G.M.T. 12.9
Camden Sq. (Brit. Rainfall)	96	100	45	29	spm, p.or	0.06	0.0		G.M.T. 8.2	G.M.T. 12.9
Hampstead (Reservoir)	"	100	43	42	om.orm	0.08	0.0		G.M.T. 8.55	G.M.T. 12.21
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Valencia	G.M.T. 8.54	G.M.T. 12.21
South Kensington	"	"	45	40	om, cm, bc.m.	—	"		G.M.T. 8.46	G.M.T. 12.50
" (Roof of M.O.)	82	96	47	41	bc.m.	"	0.0		G.M.T. 8.45	G.M.T. 12.50

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	In.	64	52	l.o	Rome	In.	57	37	b.b
Marseilles	"	61	39	b.b.	Vienna	"	34	12	b.b
Malta	"	Not received.		"	Utrecht	"	39	36	o.c
Algiers	"	66	52	o.b	Zürich	"	"	"	f.c
Tunis	"	57	45	b.b	Geneva	"	"	"	o.o
Palermo	"	63	45	c.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.

Sunday,
14th January 1912.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						
	Barom.	Temp.	Wind.	Force (0 to 12).	Weather.		Barometer.		Temp.		Wind.		Force (0 to 12).	Weather.	Sea (0 to 9).	Rain-fall.	Temp.			Weather.			
							At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dirac.	Max.					Min.	Sun-shine.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
BRITISH ISLANDS.																							
Lerwick	29.80	47	SSE	8	m		29.88	-0.2	44	-1	S	8	0	7	0.34	47	42	*	0pm	0m	0m	0m	
Stornoway	29.60	50	S	7	0q		29.58	-0.2	50	+2	S	6	0q	6	Trace	51	48	0.2	bcq	bc.og	c.og	c.og	
Castlebay (Barra Isd.)	29.66	49	SSE	5	0		29.53	-0.6	49	0	SE	6	0	6	-	49	47	0.0	c.0	0	0.00	0.00	
Malin Head	29.65	49	S	7	bcq		29.51	-0.7	49	+2	S	6	0q	4	-	49	45	*	0mq	bcq	bcq	0m	
Blacksod Point	29.57	52	SSE	8	m		29.59	+0.1	39	-10	W	1	0	3	0.38	53	38	*	0mq	0mq	0mq	0m	
Valencia	29.66	50	SSE	5	m		29.68	+0.9	43	-7	WNW	3	0	4	0.35	51	41	0.0	mq	mq	mq	mq	
Roche's Point	29.77	49	SSW	4	dm		29.65	*	49	+1	SW	3	0	4	0.25	50	48	*	0m	0m	0m	0m	
Birr Castle	29.71	51	S	2	0		29.56	*	51	+4	S	2	0	*	0.01	51	47	0.2	c	0	0g	0g	
Donaghadee	29.83	49	SSE	3	dm		29.70	-0.4	48	+1	SSE	3	m	4	Trace	49	46	*	0	0gp	0gm	0gm	
Liverpool Obsy.	29.97	48	SE	3	0		29.86	-0.3	44	-1	ESE	4	0	3	Trace	50	44	0.4	0m	0m	0	0	
Holyhead	29.89	49	S	4	0gdp		29.72	-0.5	49	0	S	7	0	5	0.13	49	47	*	0gdp	0gdp	0gm	0gm	
Pembroke (St. Ann's Hd.)	29.90	49	SSE	6	0		29.77	-0.2	49	0	SE	5	0m	5	0.20	50	47	0.0	0gdp	0gdp	0gm	0gm	
Newquay	29.93	50	SE	4	0		29.81	*	50	0	S	4	0t	3	0.25	51	49	0.0	0m.0	0	0	0t	
Scilly (St. Mary's)	29.89	50	SSE	4	0gpm		29.75	-0.3	51	0	SSE	5	0dm	5	0.12	52	49	0.0	0mg	0mp	0mr	0mr	
Jersey (St. Aubin)	30.08	44	SSE	3	0gpm		30.01	*	46	-2	SSE	3	0gpm	3	-	49	42	0.0	0gm	0gm	0gm	0gm	
Portland Bill	30.07	47	SSE	3	0		29.97	-0.1	46	-2	S	3	0	3	-	49	45	0.0	0	0	0	0	
Dungeness	30.11	45	S	3	0		30.02	-0.1	44	0	SSE	4	0	3	-	47	43	0.0	c	c.0	c.0	c.0	
Dover	30.16	43	S	2	m		30.07	*	42	+1	S	4	0	4	-	45	40	0.0	m.c.0	0	0	m.0	
Wick	29.77	47	S	5	0		29.75	-0.2	45	+1	S	8	0q	6	0.07	48	43	*	0gp.bc	0q.0	c.0m	c.0m	
Nairn	29.77	51	WSW	3	bc		29.71	*	50	+3	-	0	0	1	-	52	45	2.5	bcq	bc	0	0	
Aberdeen	29.92	46	SSE	4	0		29.88	-0.1	44	0	SSE	6	0	4	0.16	47	44	0.3	0m.c	0.c	c.0mq	c.0mq	
Leith	29.91	51	NNW	1	c		29.82	-0.1	47	-2	SSE	3	0	*	Trace	53	46	*	b.bc	c	c	c	
North Shields	30.02	47	S	3	0m		29.93	-0.2	43	+1	SE	3	0	2	-	47	39	0.0	-	-	-	-	
Spurn Head	30.08	42	SE	5	m		29.97	-0.1	42	0	SE	5	0m	5	0.02	43	40	*	0mr	0m	0mfm	0mfm	
Yarmouth	30.17	43	SSE	3	0		30.06	-0.1	43	+1	SSE	4	0	4	0.04	43	41	0.0	0mp	0m	0m	0m	
Clacton-on-Sea	30.14	44	SSE	2	0		30.05	-0.1	43	0	SSE	3	0	2	-	44	42	0.0	0gm	0g	0g	0g	
Nottingham	30.06	47	S	3	0		29.96	*	44	-1	S	3	0	*	-	47	43	0.0	0	0	0	0	
Bath	30.05	49	S	2	0		29.91	*	45	-3	S	2	0	*	-	53	44	0.0	-	-	-	-	
Oxford	30.08	46	SSE	2	0		30.00	*	43	-2	S	3	0	*	Trace	47	43	*	0	0	0	0	
London (Kew Obsy.)	30.12	47	SSE	2	0		30.02	-0.1	45	+1	S	2	0	*	0.05	48	44	0.0	0m.0m	0m.0	0.0.0	0.0.0	
Isafjord	28.67	33	SW	5	0		29.05	+0.7	31	-4	NE	9	S	*	*	*	*	*	*	*	*	*	
Reykjavik	28.69	33	-	0	0		28.89	-0.4	34	0	SE	7	0	*	*	*	*	*	*	*	*	*	
Seydisfjord	28.74	46	WSW	7	bc		29.28	+0.7	38	-9	SW	3	S	*	*	*	*	*	*	*	*	*	
Thorshavn	29.39	49	SSW	7	r		29.47	-0.5	44	0	S	5	r	*	*	*	*	*	*	*	*	*	
Haparanda	30.71	23	SW	6	b		30.84	+0.5	29	+1	SW	8	0	*	-	29	23						
Hernösand	30.81	25	SSE	6	b		30.90	+0.6	28	0	S	6	0	*	-	30	25						
Stockholm	30.95	28	S	4	0		30.91	0.0	28	-1	SE	2	0	*	-	30	23						
Wisby	30.91	22	S	2	b		30.84	-0.1	19	-9	SE	2	0	*	-	28	19						
Karlstad	30.85	25	SE	4	bc		30.83	-0.0	21	-3	NE	2	0	*	-	27	21						
Färder (X'ania Fjord)	30.72	29	SE	6	0		30.74	-0.1	28	0	SE	5	0	3	-	29	27						
Bodö	30.25	31	E	2	b		30.34	+0.1	28	-11	E	4	0	2	-	39	28						
Christiansund	30.18	40	S	6	0		30.26	+0.1	39	-1	SE	4	bc	5	-	41	39						
Skudesnaes	30.38	35	SE	9	0		30.39	-0.2	34	0	SE	8	0	6	-	46	32						
The Scaw (Skagen)	30.67	32	S	8	0		30.67	-0.1	32	+1	SSE	6	0	2	-	34	30						
Blaavands Huk	30.45	25	SE	6	c		30.45	0.0	24	+1	SE	6	0	5	-	25	21						
Cuxhaven	30.47	20	ESE	6	0		30.43	0.0	17	-2	ESE	6	0	*	-	21	16						
The Helder	30.26	35	ESE	2	m		30.21	-0.1	35	-3	ESE	2	0	1	-	38	34						
Brussels	30.20	42	ESE	2	b		30.14	-0.1	35	-2	SE	3	bc	*	-	46	35						
Berlin	30.63	13	SE	3	b		30.53	-0.2	6	-1	E	3	0	*	-	21	6						
Frankfurt	30.33	25	S	2	0		30.29	+0.1	30	-4	NE	2	0	*	-	37	30						
Munich	30.41	28	NE	4	0		30.35	-0.2	20	-11	NE	5	0	*	-	32	19						
C. Gris Nez	30.17	42	SE	2	m		30.07	-0.2	39	-1	S	3	0	2	-	46	37						
La Hève	30.12	43	SSE	2	c		30.08	*	41	0	S	3	0	2	-	46	37						
Brest (St. Mathieu)	30.04	50	SSE	4	f		29.90	-0.1	50	0	SSE	4	0	5	Trace	52	48						
Lorient (Bec Melen)	30.05	45	SE	3	0		29.98	*	50	+3	S	2	0	3	-	52	41						
Rocheport (Ile d' Aix)	30.10	46	SE	2	b		30.04	*	41	-1	SSE	3	m	*	-	50	39						
Biarritz	30.11	50	E	2	b		30.07	*	50	+7	SE	2	0	2	-	55	43						
Paris	30.17	42	SSE	2	b		30.12	+0.1	30	-7	SSE	1	0	*	-	49	30						
Belfort	30.30	33	ENE	4	f		30.25	*	32	+2	RNE	4	0	*	-	42	30						
Lyons	30.23	41	NNW	1	b		30.18	*	37	+3	W	1	0	*	-	48	34						
Nice	30.30	45	-	0	0		30.19	-0.2	44	0	-	0	3	-	48	39							
Perpignan	30.17	46	E	1	b		30.10	*	37	-2	W	1	0	*	-	56	36						
Sanguinaire															0.12								
Corunna	30.10	59	SW	1	bc		30.06	+0.4	52	+4	WNW	3	0	5	0.08	61	48						
Lisbon (8 a.m. local)	30.06	55	SSW	1	0		30.06	+0.2	49	+2	N	2	0	6	Trace	57	47	</					

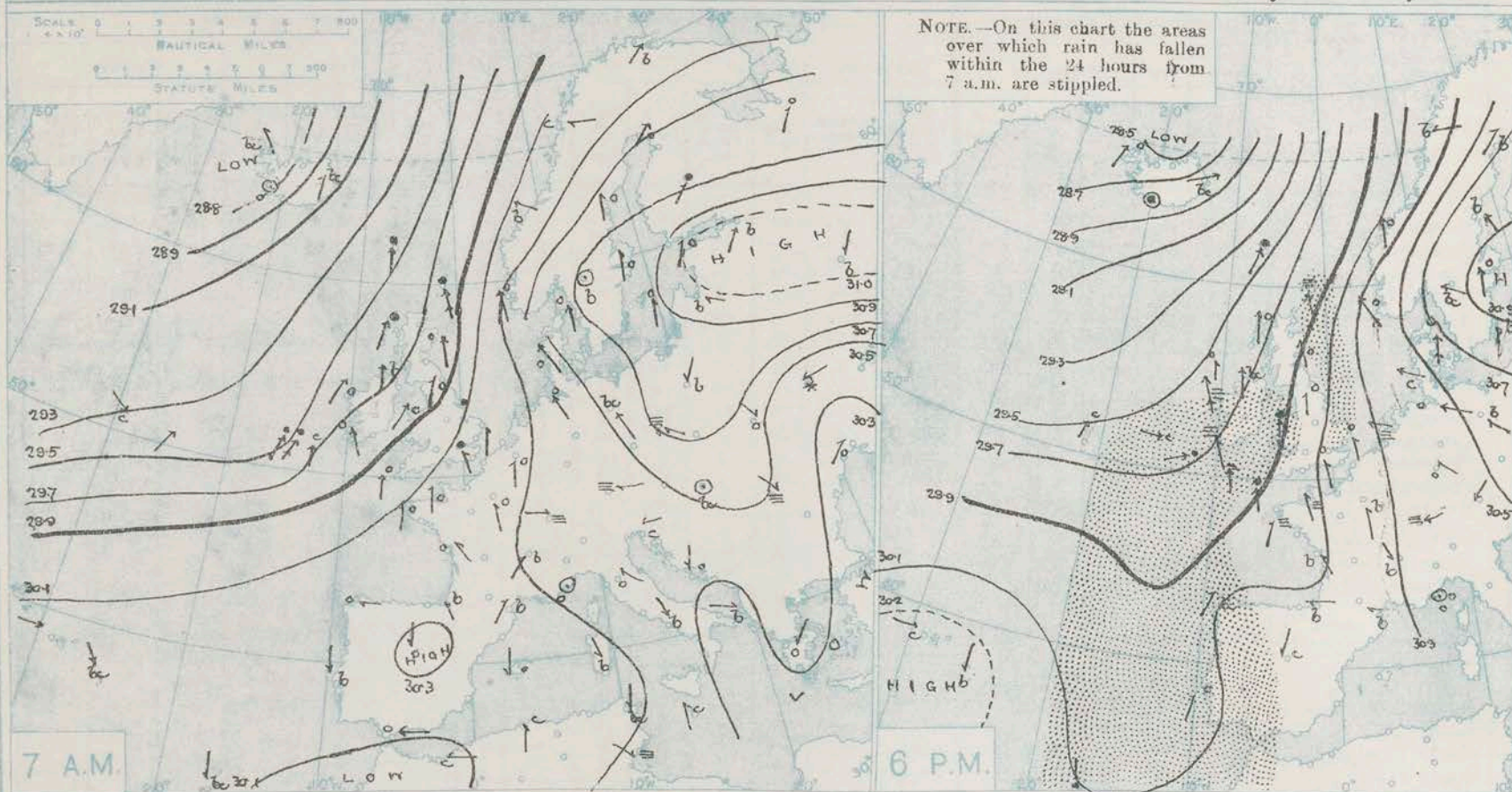
* Information for these columns not usually received.

† Received too late for insertion in Charts.

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS

Lerwick 7 a.m.-7 a.m. Extreme S.S.E. 8.
 Blacksod Point 8 a.m.-8 p.m. Extreme S. 8.
 Wick 7 a.m.-10 a.m. Extreme S. 9. Midt-7 a.m. Extreme S. 8.
 Aberdeen. Squall 4 a.m. at 5 a.m.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 13th January.



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° and upwards at several of our western and northern stations; on the east and south-east coasts of England it did not reach 45°. Over England there was an entire absence of bright sunshine, and it was only in North Wales that any appreciable amounts were recorded. Rain was

experienced in many districts. Wireless reports showed that as far west as the 29th meridian ships experienced strong to high winds from South West and West, with cloudy weather, and 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

FORECAST DISTRICTS.



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

Signals hoisted yesterday

South Cone
North Cone

Signals hoisted this morning.

South Cone
North Cone

6 { a
b

7 { a
b

8 { a
b

9 { a
b

10 { a
b

11 WESTERN CHANNEL AND BAY.

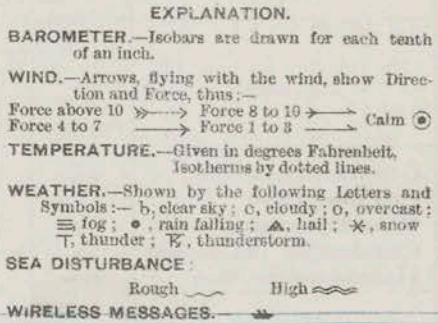
THE FURTHER OUTLOOK.

Stone Issued -

Stone Issued -

increased the and east coast now unit

Sunday, 14th JANUARY 1912



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The Continental anticyclone has continued to increase in intensity, and over the Gulf of Bothnia the readings of the barometer are now above 30.9 in. In the north-west of Scotland and over the central portions of the Atlantic the mercury is at least 2 inches lower than over northern Europe. A "V"-shaped secondary depression is advancing eastwards across Ireland.

Southerly or South Easterly winds prevail generally and blow strongly on many parts of our own western and northern coasts, with a gale in the north of Scotland and also in the south of Norway. Temperature has changed rather irregularly. Over the United Kingdom the morning readings range from 50° or only a

trifle less at several of our western and northern stations to a little below 45° on our eastern and south-eastern coasts and to a trifle below 40° on the west coast of Ireland. Frost prevails in Scandinavia and Denmark, and sharp frost in Germany; at Berlin the thermometer stands at 6°F . The weather is fine on the eastern side of the North Sea and in North Germany, but cloudy or dull elsewhere; rain is falling in the south-west of England and the north-east of Scotland, and snow at some Icelandic stations. The sea is high off Shetland and rough or rather rough on our western and extreme northern coasts generally.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

DAILY WEATHER REPORT.

Sunday, 14th January, 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.
	Lat. N.	Long. W.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.	Wet Bulb.	Sea.	
			In.							In.				Dry Bulb.	Wet Bulb.		
14 January 4 a.m.	49	32	29.16	S	6-7	Lusitania	14 January 7 a.m.	49	30	28.89	SSW	8-9	r	-	-	-	-
" " 5 p.m.	50	8	29.74	S	6-7	Manitow	" " 6 p.m.	50	9	29.74	S	6-7	m	-	-	-	-
" " "	51	13	29.60	SW	4-5	Canada	" " "	51	12	29.64	WSW	4-5	r	-	-	-	-
" " "	55	9	29.46	S	6-7	Tunisian	" " "	55	10	29.25	S	1-3	o	-	-	-	-
" " "	51	14	29.35	W	4-5	Mervion	" " "	51	15	29.36	W	4-5	c	-	-	-	-
" " "	51	19	29.40	W	4-5	Cedric	" " "	51	20	29.43	WSW	4-5	c	-	-	-	-
" " "	50	21	29.40	SW	4-5	Saxonia	" " "	51	20	29.56	SSW	4-5	c	-	-	-	-
" " 4 a.m.	50	26	29.34	SW	4-5		" " 7 a.m.	50	25	29.40	SW	4-5	?	-	-	-	-
" " "	51	14	29.50	SW	6-7	Cedric	" " "	51	15	29.20	SW	8-9	r	-	-	-	-
" " "	51	17	29.35	SW	4-5	Canada	" " "	51	16	29.45	SSW	4-5	r	-	-	-	-
" " "	51	13	29.40	S	6-7	Mervion	" " "	51	13	29.36	S	6-7	c	-	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.				Hrs.	In.	Brighton, to 6 p.m.				Hrs.	In.
Dublin (City), to 4 p.m.	53	47	or. bc	*	0.08	Seaford, to 6 p.m.	49	43	*	0.0	-
Blackpool, to 9 p.m.	50	42	c	0.3	0.10	Eastbourne, to 6 p.m.			*	0.0	-
Southport, to 9 p.m.	50	43	o. r. bc. o	1.4	0.08	Bexhill-on-Sea, to 9 p.m.	48	43	-	0.0	-
Rhyl, to 6 p.m.	54	44	o. bc. c. bc	3.5	-	Hastings	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	53	45	bc	3.8	-	Folkestone, to 6 p.m.	46	41	o. bc. o	0.0	-
Llandudno, to 9 p.m.	54	45	c. bc. bc	3.6	-	Deal, to 6 p.m.	45	41	ang. o	0.0	-
Bettws-y-Coed, to 6 p.m.						Ramsgate, to 6 p.m.	*	*	*	0.0	-
Aberystwyth, to 6 p.m.	53	46	*	0.2	*	Margate, to 6 p.m.	45	39	f. o	0.0	-
Plymouth, to 9 p.m.	51	49	c. og. or	0.0	0.08	Felixstowe, to 6 p.m.	43	39	*	0.0	0.01
Paignton, to 6 p.m.	52	39	bc. c. o. d	0.0	-	Lowestoft, to 6 p.m.					
Torquay, to 6 p.m.			*			Skegness, to 6 p.m.	43	41	or. o	0.0	0.05
Teignmouth, to 9 p.m.	51	48	c. r	0.0	0.10	Scarborough, to 9 p.m.	45	39	of	0.0	0.03
Weymouth, to 6 p.m.						Harrogate, to 6 p.m.	46	38	or. o	0.0	0.10
Bournemouth, to 6 p.m.	49	37	r. o	0.0	0.09	Buxton, to 9 p.m.	44	38	bc. cm	0.0	0.10
Southsea, to 6 p.m.	49	40	*	0.0	-	Darwen, to 9 p.m.	46	40	or. or	0.0	0.07
Worthing, to 6 p.m.	48	44	c	0.0	?	Manchester, to 9 p.m.	50	43	o. or. o	0.0	0.09
						Birmingham, to 9 p.m.	47	38	o. r. o	0.0	0.06

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.			
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				14 & 15th January, 1912.			
									Sunrise	Noon	Sunset
Greenwich (Royal Obs.)	%	%				In.	Hrs.		G.M.T.	G.M.T.	G.M.T.
City (Rushall Row)	91	84	47	43	or. o	-	0.0	Yarmouth	8.0	12.2	4.4
Westminster (St. James's Pk.)	*	*	*	*	*	*	0.0		7.59	12.2	4.5
Camden Sq. (Brit. Rainfall)	85	84	48	45	or. or. o	-	0.0	Greenwich	8.2	12.9	4.6
Hampstead (Reservoir)	89	88	48	44	o	-	0.0		8.4	12.9	4.7
	*	91	46	42	o	-	0.0	Wick	8.54	12.21	3.48
									8.53	12.21	3.50
South Kensington	*	*	48	44				Valencia	8.45	12.50	4.55
" (Roof of M.O.)	86	84	49	44	c. or o	0.04	0.0		8.44	12.50	4.56

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	In.				Rome	In.			
Marseilles	-	63	55	bc. c.	Vienna	-	51	37	bc. b
Malta	-	57	41	b. o	Utrecht	-	23	16	o. o
Algiers	-	57	48	- c	Zürich	-	45	36	m. m
Tunis	-	66	54	o. c	Geneva	-	*	*	bc. m
Palermo	-	64	41	b. b	Lugano	-	*	*	b. f
	Nd. recd.						*	*	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.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday
15th January, 1912.

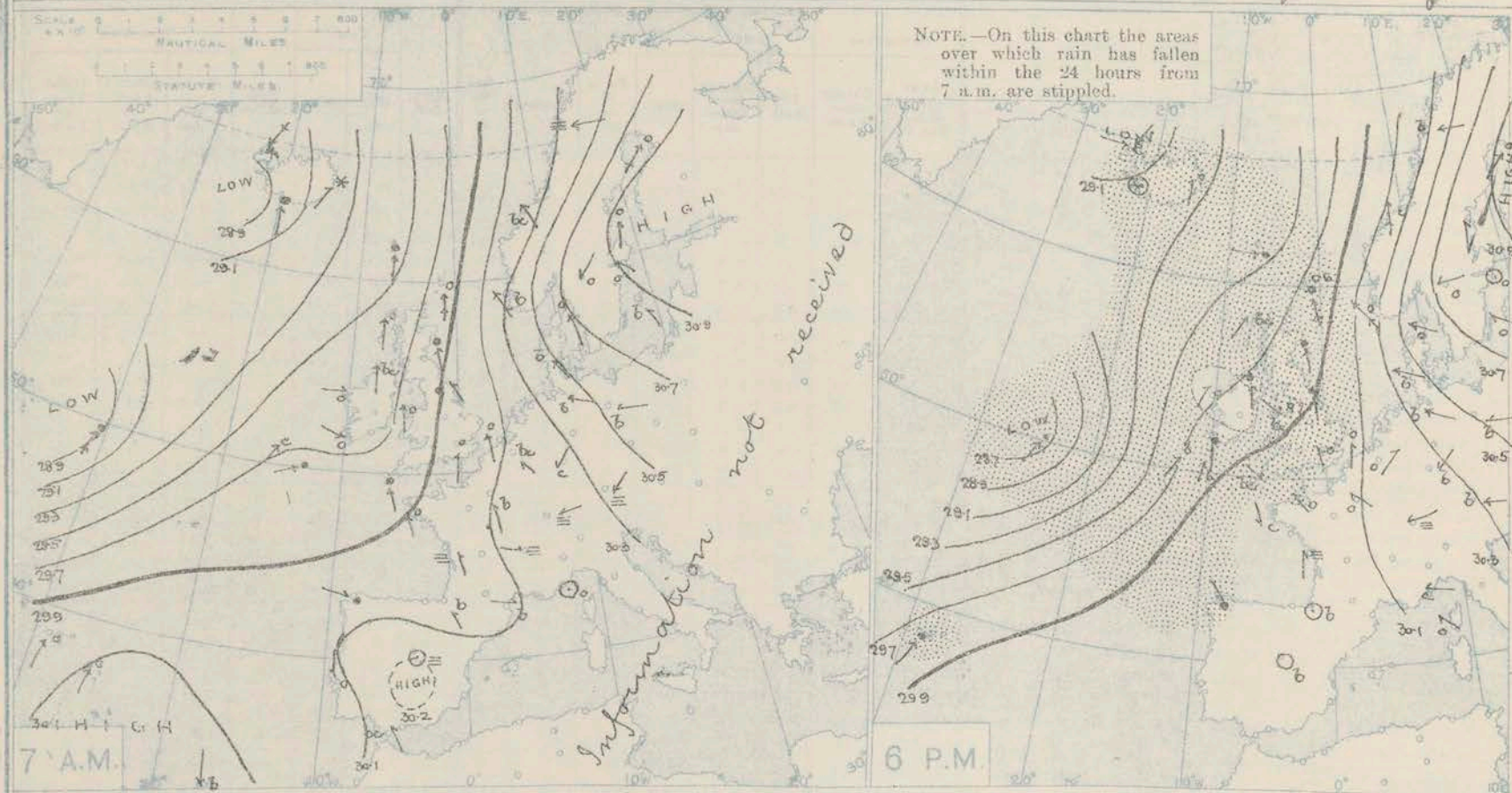
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						
	BAROM.		TEMP.		WIND.		BAROMETRE.		TEMP.		WIND.		Sea (6 to 9).	Rain-fall.	TEMP.		Sun-shine.	WEATHER.					
	At 22" Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 22" Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Weather.			Max.	Min.		Morn'g 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.			
BRITISH ISLANDS.																							
Lerwick	29.76	42	SSE	9	r	29.92	+0.2	44	0	ESE	7	og	8	0.61	45	41	0	om	om	or			
Stornoway	29.65	42	SW	5	bc	29.74	-0.2	43	-7	SSW	6	bc	5	0.32	50	38	0.1	or	or, bc	bc, pg			
Castlebay (Barra Isd.)	29.68	45	SSW	5	bc, hp	29.66	-0.04	45	-4	SE	5	c	6	0.28	49	39	1.0	or, o	bc, bc	bc			
Malin Head	29.75	44	S	1	p	29.61	-1.0	41	-8	SE	6	c	4	0.18	48	38	+	bc, p	bc, r	bc, q			
Blacksod Point	29.70	43	SW	3	o	29.34	-0.9	46	+7	SW	7	o	5	-	46	39	+	om	om	bc			
Valencia	29.80	43	S	2	cp	29.34	-1.4	45	+2	SSE	7	r	5	0.11	49	42	5.3	bc, p	bc, p	om, r			
Roches Point	29.89	45	SW	3	b	29.54	+	48	-1	SSW	8	o	6	0.03	49	43	+	bc	bc, p	b, o			
Birr Castle	29.83	41	S	1	c	29.56	+	44	-7	NE	4	o	4	-	51	39	2.9	c	c	o			
Donaghadee	29.85	40	SSW	2	bc	29.78	-0.5	44	-4	SSW	3	c	2	0.10	49	38	+	og, r	bc, b	bc			
Liverpool Obsy.	29.92	45	S	3	o	29.83	-0.5	41	-3	SE	2	o	1	0.71	46	39	0.0	og, r	or	om			
Holyhead	29.89	43	NW	3	bc	29.79	-0.6	37	-12	S	1	b	1	0.09	49	36	+	rgm	bc	-			
Pembroke (St. Ann's Hd.)	29.95	45	WNW	2	b	29.75	-0.6	44	-5	SE	5	rg	4	0.15	52	40	0.8	ogm	c	bc			
Newquay	29.96	46	NW	3	bc	29.74	+	43	-7	SSE	3	c	3	0.09	51	35	1.3	or, o	bc	bc, c			
Scilly (St. Mary's)	29.94	45	NW	2	bc	29.69	-0.8	48	-3	SW	6	ogm	5	-	51	47	2.1	om	bc	bc			
Jersey (St. Aubin)	29.99	47	SE	3	ogme	29.91	+	47	+1	SSE	3	ogm	3	0.07	49	45	0.0	ogm	ogm	ogm, p			
Portland Bill	29.93	48	S	4	r	29.87	-0.2	47	+1	SE	2	c	3	0.02	49	45	0.0	og	og	c, od			
Dungeness	30.01	45	SSW	3	o	29.95	-0.1	43	-1	SSW	3	o	3	-	45	41	0.0	og	og	og			
Dover	30.06	43	SSW	2	c	29.99	+	40	-2	S	3	m	4	Trace	43	39	0.0	om, of	om	om			
Wick	29.70	45	SSE	7	hw	29.86	-0.2	43	-2	S	2	bms	4	0.16	45	39	+	om, rg	om, rg	b			
Nairn	29.72	44	SSE	2	c	29.85	+	33	-17	-	0	b	1	0.02	50	32	0.0	o	op	bc			
Aberdeen	29.81	45	SSE	5	r	29.91	-0.2	35	-9	SSW	4	o	4	0.41	45	32	0.0	og, r	og, r	og, om			
Leith	29.80	48	SSW	4	r	29.89	-0.3	35	-12	SSE	1	brg	3	0.07	49	33	+	o	or	o			
North Shields	29.89	44	SSE	3	op	29.89	-0.2	43	0	E	3	d	3	0.10	45	40	0.0	-	-	-			
Spurn Head	29.96	43	SSE	4	o	29.92	-0.0	42	0	SE	4	af	5	0.04	43	40	+	o	om	om, r			
Yarmouth	30.04	43	S	4	o	30.00	-0.1	42	-1	SSE	3	o	2	-	44	41	0.0	om	om	om			
Clacton-on-Sea	30.03	43	SSE	2	o	29.97	-0.1	42	-1	SSE	2	r	2	Trace	44	42	0.0	og	og	og, d			
Nottingham	29.95	45	SW	2	r	29.89	+	43	-1	SE	2	r	+	0.11	45	43	0.0	o	od	d, r			
Bath	29.90	48	WSW	1	r	29.87	+	45	0	S	1	o	+	0.13	49	43	0.0	-	-	-			
Oxford	30.00	45	SSE	2	r	29.88	+	45	+2	SSE	3	ogm	+	0.09	46	41	+	o	r	r			
London (Kew Obsy.)	30.02	45	SSE	2	o	29.93	-0.1	44	-1	ESE	2	om	+	-	46	43	0.0	o	o	o, om			
ICELAND & FAEROE.																							
Isafford	29.06	33	W	4	c	29.56	+0.8	25	-6	W	2	bc	+	+	+	+	+	+	+	+			
Reykjavik	29.12	35	-	0	S	29.40	+0.2	22	-12	-	0	b	+	+	+	+	+	+	+	+			
Vestmanna	29.19	36	WNW	1	C	29.42	+0.2	38	-3	E	2	b	+	+	+	+	+	+	+	+			
Seydisfjord	29.28	34	S	1	o	29.50	+0.8	32	-6	-	0	b	+	+	+	+	+	+	+	+			
Thorshavn	29.45	39	W	5	r	29.73	+0.8	41	-3	SSW	3	bc	+	+	+	+	+	+	+	+			
SCANDINAVIA.																							
Haparanda	30.91	23	SW	6	o	30.83	-12	9	-20	SW	4	o	+	Trace	28	23	+	+	+	+			
Hernösand	30.84	27	S	2	o	30.71	-0.4	24	-4	SE	2	bc	+	+	+	+	+	+	+	+			
Stockholm	30.75	22	-	0	b	30.64	-0.3	26	-2	E	4	o	+	+	+	+	+	+	+	+			
Wisby	30.70	27	SE	2	o	30.58	-0.1	24	+5	ESE	4	o	+	+	+	+	+	+	+	+			
Karlstad	30.74	22	ENE	2	o	30.62	-0.2	22	+1	ENE	2	o	+	+	+	+	+	+	+	+			
Færder (X'ania Fjord)	30.69	28	SE	4	o	30.56	-0.2	28	0	ENE	4	o	2	+	+	+	+	+	+	+			
Bodö	30.30	28	E	5	b	30.30	+0.1	28	0	E	5	b	2	+	+	+	+	+	+	+			
Christiansund	29.98	39	S	8	c	30.23	+0.5	40	+1	SE	4	o	5	+	+	+	+	+	+	+			
Skudesnaes	30.31	30	SE	9	o	30.30	-0.1	34	0	SE	6	o	5	+	+	+	+	+	+	+			
The Scaw (Skagen)	30.62	32	SE	4	o	30.51	-0.1	36	-2	SE	3	o	1	+	+	+	+	+	+	+			
Blaavands Huk	30.44	23	ESE	6	b	30.36	-0.1	20	-4	ESE	6	o	4	+	+	+	+	+	+	+			
GERMANY, &c.																							
Cuxhaven	30.39	15	ESE	6	b	30.30	-0.3	13	-4	E	6	bc	+	+	+	+	+	+	+	+			
The Helder	30.18	31	ESE	3	b	30.11	-0.3	27	-8	ESE	3	o	1	+	+	+	+	+	+	+			
Brussels	30.12	35	SW	1	o	30.06	-0.4	34	-1	SE	2	o	+	+	+	+	+	+	+	+			
Berlin	30.51	11	E	3	b	30.41	-0.1	3	+2	E	3	b	+	+	+	+	+	+	+	+			
Frankfurt	30.25	27	NE	1	b	30.20	-0.1	22	-8	E	2	b	+	+	+	+	+	+	+	+			
Munich	30.33	19	E	3	b	30.27	-0.2	17	-3	NE	3	b	+	+	+	+	+	+	+	+			
FRANCE.																							
C. Gris Nez	30.04	40	SSE	3	f	30.00	-0.2	37	-2	SE	3	f	2	+	+	+	+	+	+	+			
La Hève	30.02	42	S	1	c	29.97	+	39	-2	ESE	2	m	1	+	+	+	+	+	+	+			
Brest (St. Mathieu)	30.03	48	WNW	3	c	29.84	-0.8	48	-2	SSE	4	o	5	+	+	+	+	+	+	+			
Lorient (Bec Melen)	30.10	44	S	2	m	29.94	+	43	+2	S	3	m	+	Trace	46	39	+	+	+	+			
Rochefort (Île d'Aix)	30.11	52	-	0	b	30.04	+	46	-4	-	0	b	4	+	+	+	+	+	+	+			
Biarritz	30.12	37	SE	2	o	30.03	-0.2	36	+6	SSE	2	o	+	+	+	+	+	+	+	+			
Paris	30.18	33	ENE	3	f	30.12	+	32	0	E	4	f	+	+	+	+	+	+	+	+			
Lyons	30.16	43	E	4	c	30.10	0.0	42	-2	-	0	o	2	+	+	+	+	+	+	+			
Nice	30.16	43	E	4	c	30.10	0.0	42	-2	-	0	o	2	+	+	+	+	+	+	+			
Perpignan	30.15	50	SE	2	o	30.13	+	50	+	N	8	o	2	+	+	+	+	+	+	+			
Sanguinaire	30.15	50	SE	2	o	30.13	+	50	+	N	8	o	2	+	+	+	+	+	+	+			
SPAIN, PORTUGAL, &c.																							
Corunna (8 a.m.)	30.10	50	NW	3	r	29.70	-1.2	53	+1	SSE	3	o	3	0.12	55	50	+	+	+	+			
Lisbon (8 a.m.)	30.07	53	-	0	b	30.04	-0.1	49	0	-	0	o	4	0.04	55	46	+	+	+	+			
Gibraltar	30.03	56	-	0	c	30.04	+	54	-2	-	0	c	+	+	+	+	+	+	+	+			
Azores (P. Delgada)	29.76	60	SW	5	r	29.82	+0.2	51	-9	W	4	r	5	0.20	63	50	+	+	+	+			
Azores (Horta)	30.18</																						

* Information for these columns not usually received.

† Received too late for insertion in Charts.

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 14th January,



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature continued above the normal over the British Islands, and touched 50° to 52° in several localities. As a rule there was no bright sunshine, but Valencia reports S. 3 hours. A strong to a whole Southerly gale was experienced

up the east of Scotland all day. On the Atlantic, as far west as the 33rd meridian, ships experienced South-westerly winds, fresh to a gale, with fine, to dull and rainy weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY

0	Same as Nos. 6 to 10.	FORECAST DISTRICTS.	6	
1			7	
2	Light Southerly breezes, increasing and becoming strong to a gale later;		8	Increasing Southerly winds, strong to a gale; squally, dull, unsettled.
3	dull, unsettled, squally, some rain,		9	some rain, mist or fog; mild.
4	mist or fog; mild.		10	
5				

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.

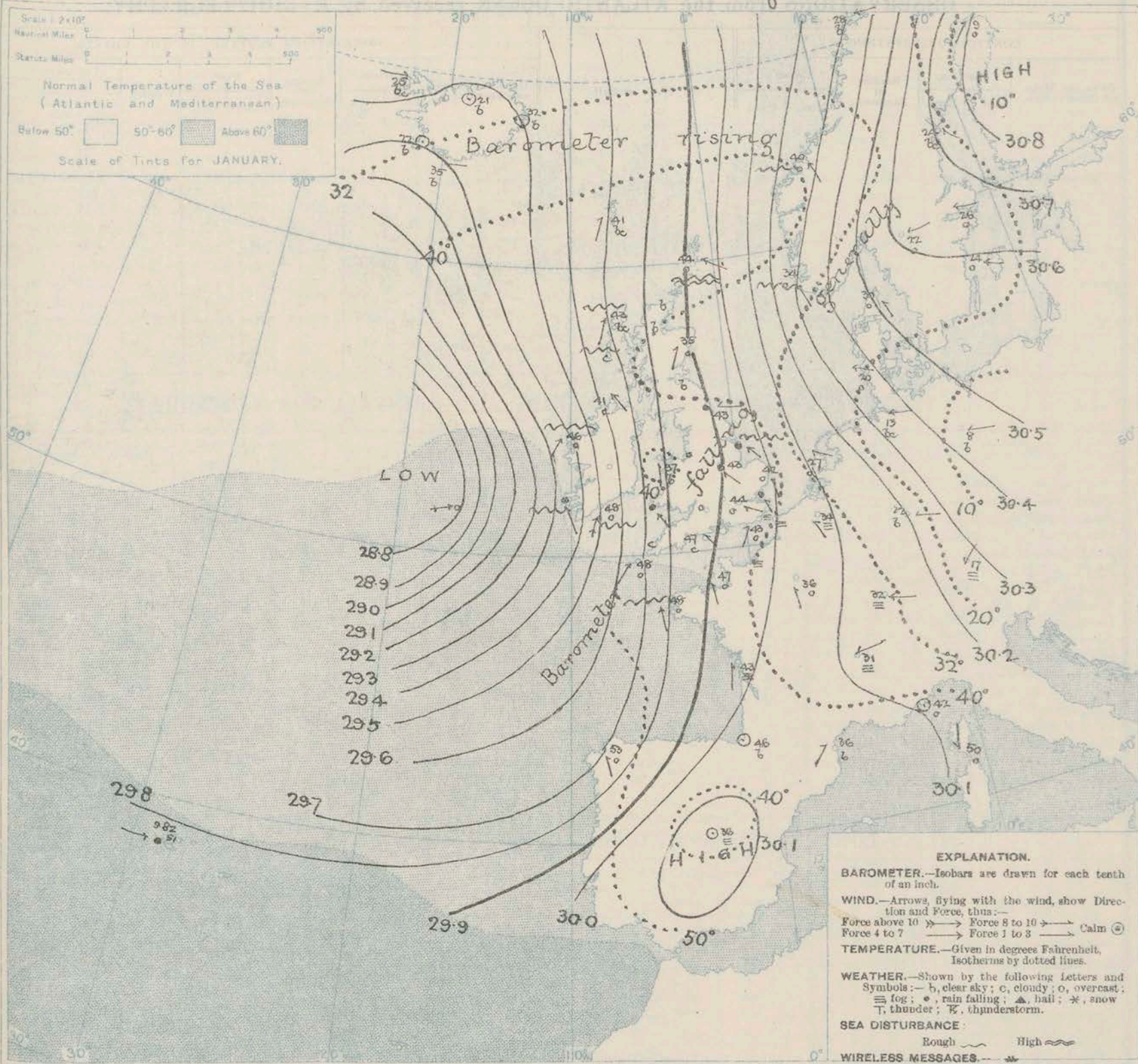
THE FURTHER OUTLOOK.

Conditions remaining unsettled

11 WESTERN CHANNEL AND BAY.

Increasing Southerly winds, strong to a gale; sea becoming rough; squally, dull to rainy, some mist or fog; mild.

SYNOPTIC CHART FOR 7 A.M. Monday, 15th JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An extensive area of high pressure still occupies nearly the whole of the Continental countries, the barometer being above 30 $\frac{1}{4}$ in. over the Finland region. A rapid decrease of pressure has set in on our western coasts under the influence of an approaching depression, and already the barometer is below 29 $\frac{1}{4}$ in. 250 miles from the Kerry coast. The gradient is moderate to steep over the greater part of our area.

Over and to the eastward of the North Sea S.E. to E. winds prevail, elsewhere the current is S. The force

varies considerably, from calms or light airs to strong or high winds, a gale off Greenland and out on the Atlantic. Over the British Isles temperature ranges from 33° at Slieve Donard to 48° at Sully and Roche's Point; on the Continent from 8° at Berlin to 53° at Comuna, and 54° at Gibraltar; in Scandinavia from 9° at Haparanda to 40° at Christiansund; and in Ireland from 21° to 35°. The weather is fine in Ireland and locally in Scotland and Germany, but generally it is very cloudy and dull, with rain or fog in places. A very high sea is running off Shetland, and it is rough or rather rough on our western coasts generally.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The very deep cyclonic system approaching Ireland will

occasion rough, unsettled conditions over the country generally.

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.
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air.			
														Dry Bulb.	Wet Bulb.		
			In.						In.								
15 January 4 a.m.	51	14	28.98	SSE	10-11	} <u>Carmania</u>	15 January 7 a.m.	51	17	28.71	WSW	8-9	0	-	-	-	
14 " 3 p.m.	51	8	29.70	SW	4-5		14 " 6 p.m.	51	10	29.69	SSW	6-7	6	-	-	-	
" " "	50	26	28.64	E	6-7	} <u>Lusitania</u>	" " "	50	24	28.65	SW	6-7	c	-	-	-	
" " "	51	13	29.78	S	4-5		" " "	51	11	29.79	S	4-5	6c	-	-	-	
" " "	50	10	29.86	SW	4-5	} <u>Minnewaska</u>	" " "	51	11	29.83	SW	6-7	6	-	-	-	
" " 4 a.m.	50	12	29.69	W	4-5		" " 7 a.m.	50	13	29.71	WSW	6-7	r	-	-	-	
" " "	51	17	29.67	SW	4-5	} <u>Saxonia</u>	" " "	51	16	29.70	SW	4-5	c	-	-	-	

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.				Hrs.	In.	Brighton, to 6 p.m.	46	43		Hrs.	In.
Dublin (City), to 4 p.m.	52	44	c. or b.	*	0.05	Seaford, to 6 p.m.	47	44	*	0.0	-
Blackpool, to 9 p.m.	49	43	r. o. b.	0.0	0.33	Eastbourne, to 6 p.m.	56	44	*	0.0	-
Southport, to 9 p.m.	44	40		0.0	0.02	Bexhill-on-Sea, to 9 p.m.	46	45	0	0.0	-
Rhyl, to 6 p.m.	49	45	b. r. o.	0.0	0.02	Hastings	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.						Folkestone, to 6 p.m.	45	35	f. o.	0.0	-
Llandudno, to 9 p.m.	52	42	b. o. p.	0.0	0.02	Deal, to 6 p.m.	45	41	o. g. f. m. o.	0.0	-
Bettws-y-Coed, to 6 p.m.						Ramsgate, to 6 p.m.	*	*	*	0.0	-
Aberystwyth, to 6 p.m.	51	46		0.0	0.10	Margate, to 6 p.m.	43	40	f. o.	0.0	-
Plymouth, to 9 p.m.						Felixstowe, to 6 p.m.			*		
Paignton, to 6 p.m.	51	47	o. r. c. p.	0.0	0.13	Lowestoft, to 6 p.m.					
Terquay, to 6 p.m.	51	47	*	0.0	0.10	Skegness, to 6 p.m.	43	41	0	0.0	-
Teignmouth, to 9 p.m.	50	46	o. r. c.	0.0	0.08	Scarborough, to 9 p.m.	45	40		0.0	?
Weymouth, to 6 p.m.	49	44	e. d.	0.0	0.02	Harrogate, to 6 p.m.	42	40	o. c. o. p.	0.0	0.06
Bournemouth, to 6 p.m.	49	43	o. d.	0.0	0.01	Buxton, to 6 p.m.					
Southsea, to 6 p.m.	48	45	*	0.0	-	Darwen, to 9 p.m.					
Worthing, to 6 p.m.	46	43	c	0.0	-	Manchester, to 9 p.m.					
						Birmingham, to 9 p.m.	45	41	o. r.	0.0	0.03

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.						
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				15th and 16th Jan. 1912	Sunrise	Noon	Sunset			
	24 HOURS ENDED AT 9 A.M. TO-DAY.													
Greenwich (Royal Obsy.) ...	85	94	45	43	0	—	Hrs. 0.0	Yarmouth	{ 7.59	12.2	4.5			
City (Bunhill Row)	*	*	46	44	0.0	*	0.0					{ 7.58	12.3	4.7
Westminster (St. James's Pk.)	84	91	46	44	0.0	—	0.0					{ 8.1	12.9	4.17
Camden Sq. (Brit. Rainfall)	—	96	46	44	0.0	—	0.0					{ 8.1	12.10	4.14
Hampstead (Reservoir) ...	*	98	44	42	0.0	—	0.0					{ 8.53	12.21	3.58
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Wick	{ 8.52	12.22	3.51			
South Kensington ...	*	*	47	44	{ 0.0	—	{ 0.0							
" " (Roof of M.O.)	—	91	48	44										
								Valencia... ..	{ 8.44	12.50	4.51			
												{ 8.43	12.51	4.51

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

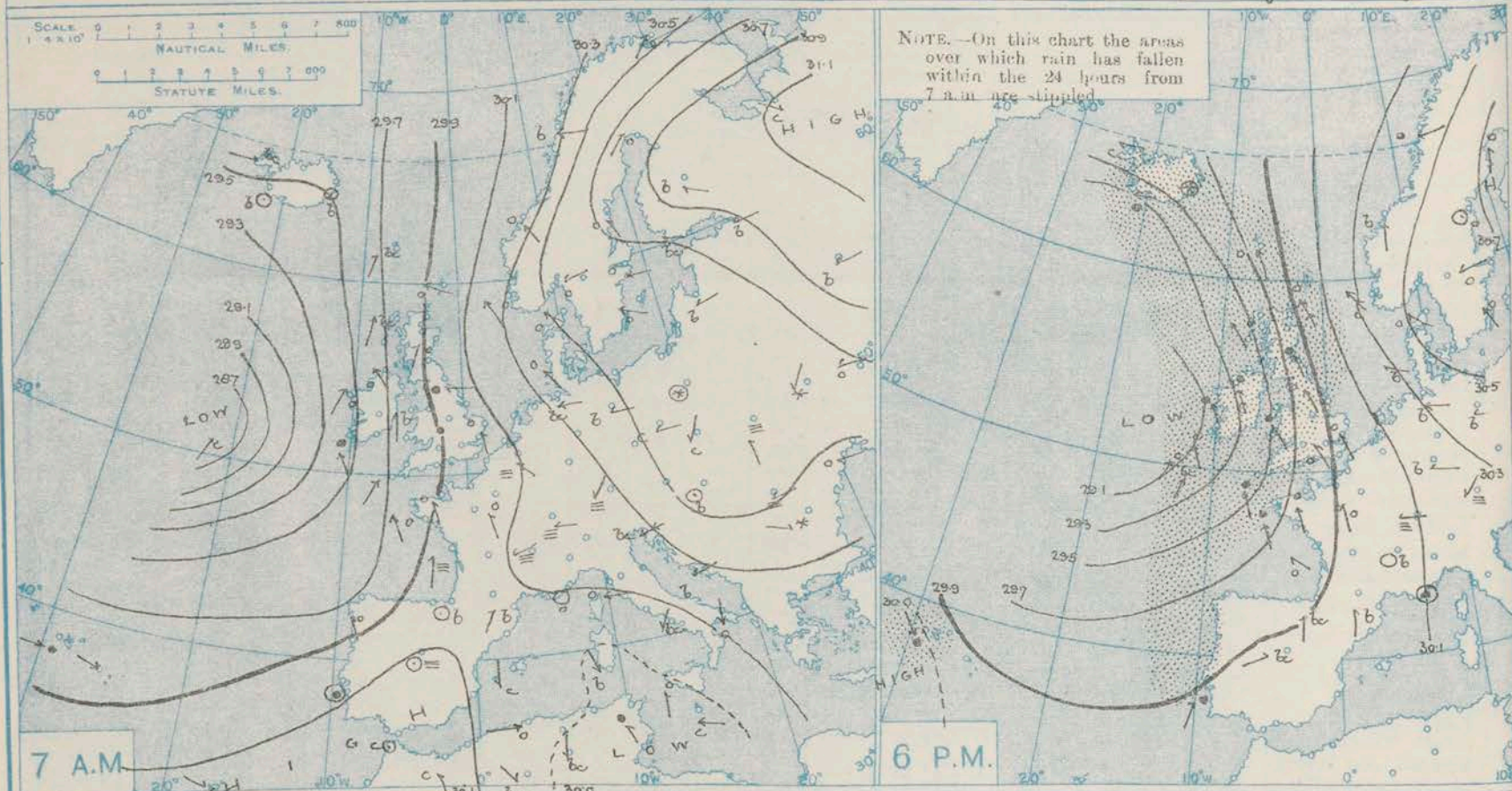
STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga ...	In.				Rome ...	In.			
Marseilles ...					Vienna ...				
Malta ...					Utrecht ...				
Algiers ...					Zürich ...	*			
Tunis ...					Geneva ...	*			
Palermo ...					Lugano ...	*			

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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

† Received too late for insertion in Charts.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to between 50° and 52° at a number of our southern and western stations. A S. to S.E. gale to a strong or whole gale was experienced on our western and northeastern

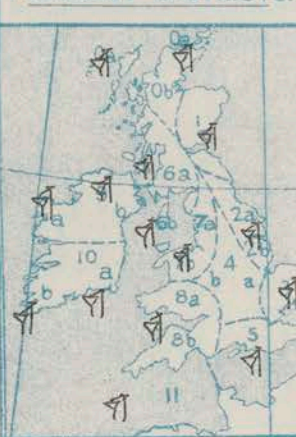
coasts. As far west as the 21st meridian ships experienced S. and S.W. winds, strong to a strong gale, with fine to dull weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

- 0 { a } S.E. winds, strong to a gale;
 1 { b } squally, unsettled, some rain and mist; mild.
 2 { a }
 2 { b }
 3 { } S.E. winds, fresh to strong
 4 { a } or high at times; dull, to misty,
 4 { b } local passing showers; moderate
 5 { } 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

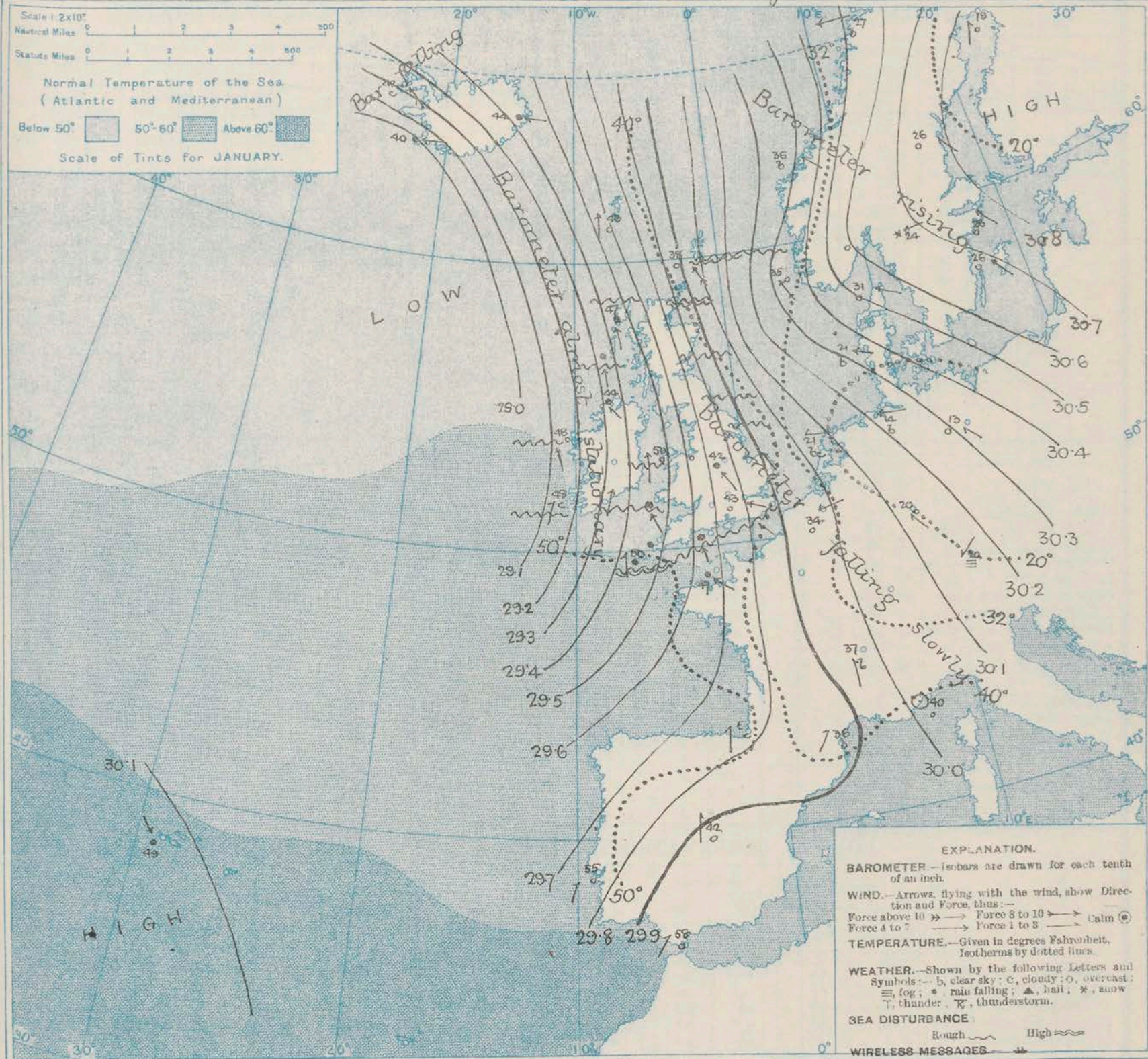
- 6 { a }
 6 { b }
 7 { a } S.E. and S. winds, strong
 7 { b } to a gale at times; squally,
 8 { a } unsettled, some rain and
 8 { b } mist; mild.
 9 { a }
 9 { b }
 10 { a }
 10 { b }
 11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

Continuing windy and unsettled.

S. winds, fresh to strong or a gale; sea moderate to rough; squally, unsettled, some rain, mist or fog; mild.

SYNOPTIC CHART FOR 7 A.M. Tuesday, 16th JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The British Isles occupy about the midway position between an anticyclone covering the eastern half of Europe, and a cyclonic system covering the northern portion of the Atlantic. The Barometer appears to be above 30.1 in. in northern Russia, and it is below 29 in. off our western coasts and to the south-west of Iceland. The gradient is steep in most parts of our area.

Winds from between South and East prevail at home and abroad, varying greatly in force, strong to a strong gale in many localities. Over the British Isles temperatures range from 41° at several east coast stations.

to 50° at Holyhead, Newquay and Skilly; on the continent from 13° at Berlin to 55° at Biarritz, and 58° at Gibraltar; in Scandinavia from 19° at Haparanda to 36° at Christian sand; and in Iceland from 10° to 14°. About 100 miles westward of Skilly the temperature of the air is 50°, and that of sea water 52°. Overcast, dull weather prevails in nearly all parts of the region under observation. Rain is falling at many home stations in Iceland, snow at Karlskud. A very high sea is running off Shetland, high off Wick and Skilly, rough or rather rough on many other coasts.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The general distribution of pressure is undergoing hardly any modification, and the windy

type of conditions is likely to be maintained through the coming twenty-four hours.

DAILY WEATHER REPORT.

Tuesday, 16th January, 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 Dis- tur- bance.
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air.		Sea.	
														Dry Bulb.	Wet Bulb.		
	"	"	In.					"	"	In.				"	"	"	
16 January 7am.	50.51	8	29.32	S	5	<u>H. M. S.</u>	16 January, 7am.	50.16	8.4	29.35	S	6	b	50	48	52	5
15 " 3pm.	51	12	28.94	SSW	6-7	<u>Lusitania.</u>	15 January 6pm.	51	11	29.08	SSW	6-7	o	-	-	-	-
" " "	50	12	29.08	S	6-7	<u>Marquette</u>	" " "	50	11	29.11	SSW	8-9	bc	-	-	-	-
" " 10am.	49	12	29.24	SSW	8-9	<u>Kronland</u>	" " 1pm.	49	13	29.18	SW	8-9	b	-	-	-	-
" " 4am.	51	18	28.68	SW	6-7	<u>Lusitania</u>	" " 7am.	51	20	28.62	SW	6-7	c	-	-	-	-
" " "	51	14	28.98	SSE	10-11	<u>Carmania</u>	" " "	51	17	28.71	WSW	8-9	o	-	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.				Hrs.	In.	Brighton, to 6 p.m.	47	45	*	0.0	In.
Dublin (City), to 4 p.m.	48	39	bcy. org.	*	0.09	Seaford, to 6 p.m.	48	44	o	0.0	-
Blackpool, to 9 p.m.	46	33	o	0.0	-	Eastbourne, to 6 p.m.	49	44	*	0.0	-
Southport, to 9 p.m.	47	37	b. bc. o	0.2	-	Bexhill-on-Sea, to 9 p.m.	46	43	o	0.0	-
Rhyl, to 6 p.m.	49	34	bc	1.0	-	Hastings ...	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	47	34	bc	0.6	-	Folkestone, to 6 p.m.	44	38	f. o	0.0	-
Llandudno, to 9 p.m.	48	36	o. op. c. o	0.2	-	Deal, to 6 p.m.	44	39	org. o	0.0	-
Bettws-y-Coed, to 6 p.m.	48	31	-	0.0	*	Ramsgate, to 6 p.m.	*	*	*	0.0	-
Aberystwyth, to 6 p.m.	49	35	*	0.8	-	Margate, to 6 p.m.	42	39	*	0.0	-
Plymouth, to 9 p.m.	50	33	o. bc. or	0.0	0.08	Felixstowe, to 6 p.m.	43	41	*	0.0	-
Paignton, to 6 p.m.	50	33	*	0.0	0.08	Lowestoft, to 6 p.m.	43	41	o	0.0	-
Torquay, to 6 p.m.	51	36	*	0.1	-	Skegness, to 6 p.m.	42	41	r. o	0.0	0.02
Teignmouth, to 9 p.m.	50	32	f. c. r	0.1	0.05	Scarborough, to 9 p.m.	42	41	ogf	0.0	0.02
Weymouth, to 6 p.m.	51	45	bc. c	1.3	0.04	Harrogate, to 6 p.m.	41	40	op. opm	0.0	0.09
Bournemouth, to 6 p.m.	50	44	r. o. c	1.3	0.13	Buxton, to 9 p.m.	42	41	m. cm. c	0.0	0.02
Southsea, to 6 p.m.	48	42	*	0.0	0.03	Darwen, to 9 p.m.	44	40	oud. on	0.0	0.05
Worthing, to 6 p.m.	47	45	o. c	0.0	0.01	Manchester, to 9 p.m.					
						Birmingham, to 9 p.m.	45	43	r. o	0.0	0.10

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.			
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				16th and 17th Jan. 1912.			
									Sunrise	Noon	Sunset
Greenwich (Royal Obs.) ...	96	94	45	41	o. fm	In.	Hrs.		G.M.T.	G.M.T.	G.M.T.
City (Bunhill Row) ...	*	*	*	*	*	*	0.0		7.58	12.3	4.7
Westminster (St. James's Pk.)	96	92	46	43	o. r	-	0.0		7.57	12.3	4.9
Camden Sq. (Brit. Rainfall)	99	96	46	42	o. ogm. od	-	0.0		8.1	12.10	4.14
Hampstead (Reservoir) ...	*	100	44	40	ome. ol. atm	-	0.0		8.0	12.10	4.21
24 HOURS ENDED AT 6 P.M. YESTERDAY.									8.52	12.22	3.54
South Kensington ...	*	*	46	44	o. om. odm. om. o	trace	0.0		8.50	12.22	3.54
" " (Roof of M.O.)	98	94	47	44					8.42	12.51	4.51
									8.42	12.51	5.0

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

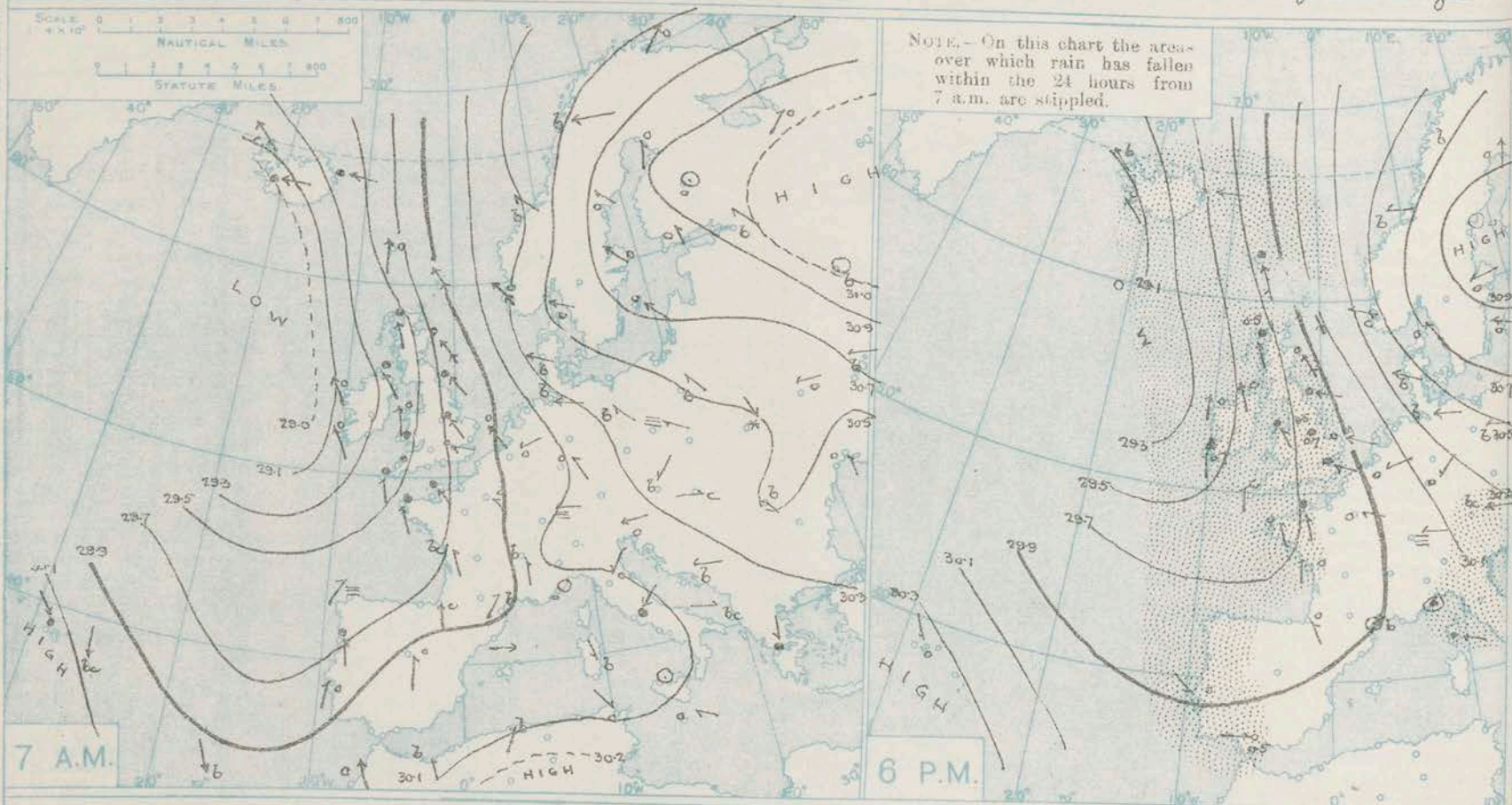
STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga ...	-	64	48	b. b	Rome ...	In.	50	36	b. c
Marseilles ...	-	54	45	o. o	Vienna ...	-	18	7	b. bc
Malta ...	0.08	61	54	- c	Utrecht ...	-	39	39	b. o
Algiers ...	0.87	64	52	o. o	Zürich ...	-	*	*	o. o
Tunis ...	-	70	48	c. r	Geneva ...	-	*	*	o. o
Palermo ...	-	59	45	o. o	Lagano ...	-	*	*	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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

† Received too late for insertion in Charts.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 16th January



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to between 50° and 52° over our southwestern districts. Central Ireland had nearly 5 hours of bright sunshine, nearly every other locality had none. Rain has been general, and heavy locally. A S.E. gale to a strong gale blew on many parts of our

northwestern and eastern coasts, a whole gale at Wick. In the neighbourhood of our southwestern coasts ships experienced strong S. and S.W. winds, and fair weather.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

0
1
2
3
4
5

S.E. to E. strong winds to severe gales; squally, unsettled, some rain or snow; much colder.

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
7
8
9
10

Same as No. 0 to 5.

Calms and light variable to moderate S.E. breezes; changeable, some rain or sleet, local mist or fog; becoming colder.

S.E. winds, strong to a gale; squally, unsettled, some rain or sleet; colder.

Same as No. 8.

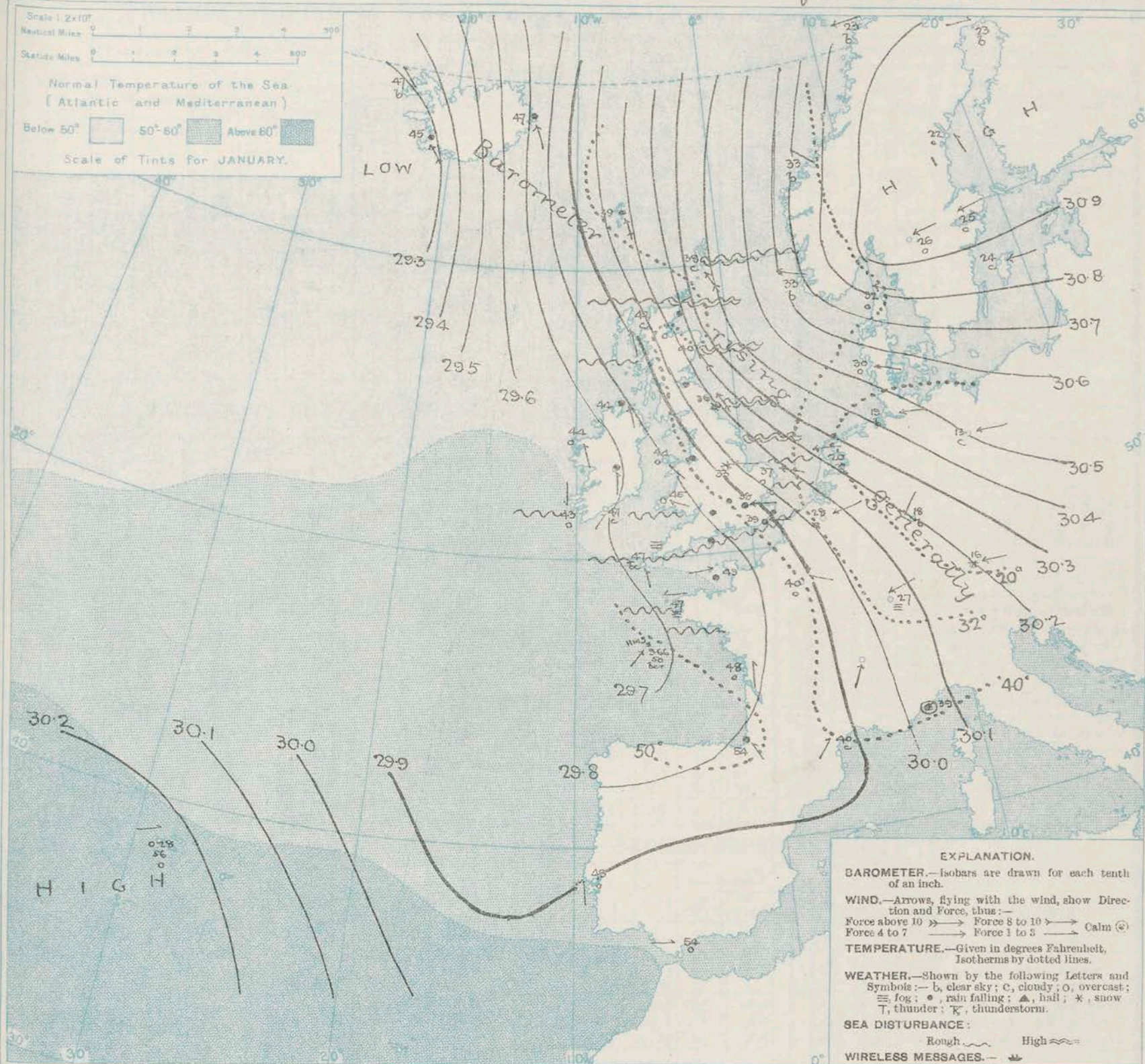
THE FURTHER OUTLOOK.

Unsettled, cold weather becoming general.

11 WESTERN CHANNEL AND BAY.

Calms and variable E. to S.W. breezes; moderate to slight sea; changeable, some rain and fog; moderate temperature.

SYNOPTIC CHART FOR 7 A.M. Wednesday 17th JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is in a fall over Europe and Iceland, and the readings now range from nearly 31 in. over Scandinavia to about 29 in. off the west of Iceland. The gradient is steep excepting over our South-western districts, the Bay of Biscay and Sweden.

Balms and light variable breezes are reported along our south-western coasts, and down the Bay, elsewhere there is a decided South-easterly to easterly current, strong or high in many localities, a gale to strong or whole gale on the east coast of Britain and from Shetland across to the south-west of Iceland. Temperature is decreasing in most regions, at the observations the values range from 33° at Nottingham to 49° at Jersey; on the Continent from 13° at Berlin to 54° at

Biarritz and Gibraltar; in Scandinavia from 22° at Helsingfors to 33° at Christiania and Skudenes; and in Iceland from 45° to 47°. On the Bay the air is 50°, and the sea water 53°. Very cloudy to overcast skies prevail at home and abroad. Rain is falling in many parts of these Islands, and across to Iceland, also at Biarritz, snow at Nottingham and Munich. The atmosphere is foggy across the mouth of the English Channel. A high to very high sea is running between the Wash and Shetland, and it is rough or rather rough in many other localities.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The advance of the great anticyclone from the north-east is occasioning a steepening of the pressure gradient, and

boisterous weather of a more wintry type will prevail over the greater part of the British Isles.

DAILY WEATHER REPORT.

Wednesday, 17th January, 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 Dis- turb- ance
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air.		Sea.	
														Dry Bulb.	Wet Bulb.		
	"	"	In.				"	"	In.				"	"	"		
17 January 11 a.m.	47.28	6.35	29.67	SSW	4	H.M.S.	17 January 7 a.m.	46.56	7.1	29.66	WSW	3	bc	50	47	53	3
16 " 4 p.m.	49.24	4.53	29.58	SW	5		16 " 6 p.m.	49.10	5.13	29.69	SW	3	c	52	51	52	"
" " "	48.36	7.57	29.61	SSW	6		" " "	48.1	8.17	29.60	SSW	6	bc	50	49	52	5
" " 11 a.m.	49	12	29.05	SW	6-7		" " 7 a.m.	49	11	29.15	SW	6-7	bc	-	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.	50	46	rgy. bc	Hrs.	In.	Brighton, to 6 p.m.	47	44	*	0.0	0.01
Dublin (City), to 4 p.m.	46	41	or	0.0	0.59	Seaford, to 6 p.m.	47	43	o.r.o	0.0	-
Blackpool, to 9 p.m.	46	42	or.o	0.0	0.46	Eastbourne, to 6 p.m.	46	43	*	0.0	-
Southport, to 9 p.m.	47	44	0.0	0.0	0.18	Bexhill-on-Sea, to 9 p.m.	45	42	-	0.0	-
Rhyl, to 6 p.m.	49	45	0.0	0.0	0.03	Hastings ...	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	49	45	0.0	0.0	0.02	Folkestone, to 6 p.m.	44	38	m.o	0.0	-
Llandudno, to 9 p.m.	48	35	-	0.0	0.0	Deal, to 6 p.m.	44	40	og. o	0.0	-
Bettws-y-Coed, to 6 p.m.	50	39	*	0.0	0.05	Ramsgate, to 6 p.m.	43	39	*	0.0	-
Aberystwyth, to 6 p.m.	50	47	org. opy. bc	0.0	0.31	Margate, to 6 p.m.	43	40	o	0.0	-
Plymouth, to 9 p.m.	50	45	or.o	0.0	1.00	Felixstowe, to 6 p.m.	43	40	*	0.0	-
Paignton, to 6 p.m.	51	48	*	0.0	0.92	Lowestoft, to 6 p.m.	42	38	o	0.0	-
Torquay, to 6 p.m.	50	48	rc	0.0	0.81	Skegness, to 6 p.m.	42	39	o.r	0.0	0.01
Teignmouth, to 9 p.m.	48	47	rc	0.0	0.42	Scarborough, to 9 p.m.	42	39	of	0.0	0.02
Weymouth, to 6 p.m.	47	45	r.o.d	0.0	0.29	Harrogate, to 6 p.m.	41	38	p.c.o.r	0.0	0.61
Bournemouth, to 6 p.m.	47	46	*	0.0	0.02	Buxton, to 6 p.m.	43	39	our. or	0.0	0.69
Southsea, to 6 p.m.	47	45	or	0.0	0.02	Darwen, to 9 p.m.	44	43	o.or	0.0	0.20
Worthing, to 6 p.m.	47	45	or	0.0	0.02	Manchester, to 9 p.m.	44	41	r	0.0	0.40
						Birmingham, to 9 p.m.	44	41	r	0.0	0.40

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.			
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				17th and 18th Jan 1912.	Sunrise	Noon	Sunset
	24 HOURS ENDED AT 9 A.M. TO-DAY.							G.M.T.	G.M.T.	G.M.T.	
Greenwich (Royal Obs.) ...	% 88	% 93	44	35	o. r. q	0.29	Hrs. 0.0	Yarmouth ...	{ 7.19	11.38	3.57
City (Bunhill Row) ...	*	*	*	*	*	*	0.0	Greenwich ...	{ 7.20	11.38	3.56
Westminster (St. James's Pk.)	86	92	45	37	m, r	0.32	0.0	Wick ...	{ 7.23	11.45	4.7
Camden Sq. (Brit. Rainfall)	95	99	45	36	od, o. or	0.34	0.0	Valencia... ..	{ 7.24	11.45	4.6
Hampstead (Reservoir) ...	*	96	42	34	orm, or	0.34	0.0		{ 8.7	11.57	3.47
24 HOURS ENDED AT 6 P.M. YESTERDAY.									{ 8.9	11.57	3.45
South Kensington ...	*	*	46	42	{ om, or, od	{ 0.05	{ 0.0		{ 8.6	12.26	4.46
" (Roof of M.O.)	88	91	48	41				{ *		{ 8.7	12.26	4.45

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga ...	-	63	48	z r	Rome ...	-	49	39	o. r
Marseilles ...	-	54	46	o. r	Vienna ...	-	18	7	z. b
Malta ...	0.04	51	49	- o	Utrecht ...	-	32	25	o. c
Algiers ...	0.04	61	50	o. b	Zürich ...	-	*	*	o. o
Tunis ...	-	61	45	o. o	Geneva ...	-	*	*	o. f
Palermo ...	0.95	57	46	r. 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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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1912.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,
18th January, 1912.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.									
	BAROM.		TEMP.	WIND.		Weather.	BAROMETER.		TEMP.	WIND.		Weather.	Sea (0 to 9).	Rain-fall.	TEMP.		Sun-shine.	WEATHER.								
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°.		Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).				Max.	Min.		Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.						
BRITISH ISLANDS.	Lerwick	30.51	39	ESE	9	0	30.52	-0.01	38	-1	ESE	9	0	8	-	39	37	0.0	0.0	0.0						
	Stornoway	30.13	41	SE	7	0	30.18	0.00	39	-3	SE	7	0	6	-	42	36	0.0	0.0	0.0						
	Castlebay (Barra Isd.)	30.10	36	E	7	0	30.12	-0.01	39	-3	ESE	6	0	7	0.03	42	33	0.0	0.0	0.0						
	Malin Head	29.89	36	SSE	8	0	30.04	0.05	35	-9	SSE	4	0	3	0.03	44	33	0.0	0.0	0.0						
	Blacksod Point	29.81	45	SSE	1	0	29.95	0.00	39	-5	E	5	0	4	-	46	38	0.0	0.0	0.0						
	Valencia	29.84	41	-	0	0	29.92	0.00	36	-7	NE	1	0	4	-	49	34	0.0	0.0	0.0						
	Roche's Point	29.83	45	E	2	0	29.96	0.00	42	-5	E	3	0	3	0.17	51	41	0.0	0.0	0.0						
	Birr Castle	29.81	44	SE	1	0	29.97	0.00	38	-6	SE	2	0	0	0.07	50	38	0.0	0.0	0.0						
	Donaghadee	30.05	33	E	9	0	30.08	-0.01	38	-5	E	4	0	3	0.26	43	32	0.0	0.0	0.0						
	Liverpool Obsy.	29.92	34	E	4	0	29.99	-0.01	34	-10	E	5	0	4	0.11	44	33	0.0	0.0	0.0						
	Holyhead	29.86	39	E	3	0	29.94	-0.02	33	-12	NE	2	0	4	0.02	46	32	0.0	0.0	0.0						
	Pembroke (St. Ann's Hd.)	29.86	39	E	3	0	29.94	-0.02	33	-12	NE	2	0	4	0.02	46	32	0.0	0.0	0.0						
	Newquay	29.78	45	-	0	0	29.87	0.00	39	-6	N	2	0	3	-	50	36	1.9	0.0	0.0						
	Scilly (St. Mary's)	29.76	47	SE	1	0	29.88	+0.01	41	-6	NE	2	0	4	-	54	40	7.1	0.0	0.0						
	Jersey (St. Aubin)	29.77	48	WNW	2	0	29.79	0.00	43	-6	WNW	3	0	3	0.27	50	42	0.0	0.0	0.0						
	Portland Bill	29.80	38	NE	6	0	29.77	-0.04	35	-13	NNE	6	0	4	1.02	48	33	0.0	0.0	0.0						
Dungeness	29.86	34	NR	7	0	29.85	-0.02	35	-4	E	3	0	4	0.42	39	32	0.0	0.0	0.0							
Dover	29.95	31	E	6	0	29.91	0.00	32	-3	E	4	0	4	0.30	35	30	0.0	0.0	0.0							
Wick	30.33	39	S	8	0	30.33	0.00	39	-1	S	8	0	7	Trace	41	37	0.0	0.0	0.0							
Nairn	30.25	35	SSE	4	0	30.26	0.00	37	-1	SE	3	0	2	-	39	32	0.0	0.0	0.0							
Aberdeen	30.34	37	SE	7	0	30.33	-0.01	37	-3	SE	7	0	6	-	40	35	0.0	0.0	0.0							
Leith	30.20	34	ESE	5	0	30.22	+0.01	37	0	SE	5	0	0	0.02	38	33	0.0	0.0	0.0							
North Shields	30.19	35	ESE	7	0	30.17	-0.02	37	+1	ESE	5	0	7	-	40	33	0.0	0.0	0.0							
Spurn Head	30.15	35	E	10	0	30.11	-0.01	33	-5	E	8	0	7	-	38	31	0.0	0.0	0.0							
Yarmouth	30.09	33	E	6	0	30.03	-0.01	31	-6	ESE	6	0	4	Trace	38	29	0.0	0.0	0.0							
Clacton-on-Sea	29.99	38	ESE	6	0	29.92	-0.05	35	-2	ESE	5	0	5	0.28	37	32	0.0	0.0	0.0							
Nottingham	30.04	29	E	5	0	30.00	0.00	30	-3	E	5	0	0	0.31	34	28	0.0	0.0	0.0							
Bath	29.91	34	ESE	5	0	29.88	0.00	32	-12	E	1	0	0	0.04	44	30	0.0	0.0	0.0							
Oxford	29.97	31	NE	2	0	29.91	0.00	32	-6	ENE	2	0	0	1.04	38	31	0.0	0.0	0.0							
London (Kew Obsy.)	29.93	33	E	5	0	29.89	-0.01	34	-4	E	5	0	0	0.61	38	32	0.0	0.0	0.0							
ICELAND & FAEROE.	Isafjord	29.66	45	S	5	0	29.71	+0.01	44	-3	S	3	0	0	0	0	0	0	0	0						
	Reykjavik	29.60	42	SE	3	0	29.57	0.00	42	-3	SE	5	0	0	0	0	0	0	0	0						
	Vestmanna	29.64	43	SE	4	0	29.67	+0.02	43	-2	SE	6	0	0	0	0	0	0	0	0						
	Seydisfjord	29.89	47	SW	5	0	30.03	+0.01	41	-6	W	6	0	0	0	0	0	0	0	0						
	Thorshavn	30.28	41	SSE	9	0	30.30	-0.02	39	0	S	6	0	0	0	0	0	0	0	0						
	Haparanda	30.99	20	NR	2	0	31.04	+0.02	15	-8	NE	2	0	0	0	23	14	0.0	0.0	0.0						
SCANDINAVIA.	Hernösand	31.01	9	-	0	0	31.05	0.00	9	-13	E	2	0	0	0	25	19	0.0	0.0	0.0						
	Stockholm	31.02	23	N	2	0	31.00	-0.01	22	-3	WNW	2	0	0	0	25	19	0.0	0.0	0.0						
	Wisby	30.91	29	E	4	0	30.93	0.00	27	+3	E	4	0	0	0	30	23	0.0	0.0	0.0						
	Karlstad	31.01	23	N	2	0	30.98	0.00	23	-3	N	2	0	0	0	28	23	0.0	0.0	0.0						
	Färder (X'ania Fjord)	30.95	27	ENE	5	0	30.94	-0.01	27	+1	NE	4	0	2	0	27	25	0.0	0.0	0.0						
	Bodö	30.93	22	E	1	0	30.84	-0.01	31	+5	E	2	0	1	0	25	21	0.0	0.0	0.0						
	Christiansund	30.78	35	SE	1	0	30.75	-0.04	31	+2	-	0	0	2	0	34	28	0.0	0.0	0.0						
	Skudesnaes	30.83	31	SE	6	0	30.82	-0.01	30	-3	ESE	4	0	3	0	38	30	0.0	0.0	0.0						
	The Scaw (Skagen)	30.88	32	ESE	3	0	30.88	0.00	31	-1	SE	3	0	1	0	32	30	0.0	0.0	0.0						
	Blaavands Huk	30.70	21	ESE	3	0	30.60	-0.04	25	-5	ESE	5	0	3	0	30	18	0.0	0.0	0.0						
GERMANY, &c.	Cuxhaven	30.57	19	E	6	0	30.49	+0.05	20	+1	ESE	7	0	0	0	23	16	0.0	0.0	0.0						
	The Helder	30.28	22	E	6	0	30.17	-0.05	19	-1	E	6	0	2	0	23	18	0.0	0.0	0.0						
	Brussels	30.04	28	NE	5	0	29.99	0.00	28	0	ENE	1	0	0	0.08	28	24	0.0	0.0	0.0						
	Berlin	30.66	14	E	4	0	30.63	-0.01	14	+1	E	4	0	0	0	16	13	0.0	0.0	0.0						
	Frankfurt	30.30	20	NE	2	0	30.24	-0.01	25	+7	E	3	0	0	0	25	16	0.0	0.0	0.0						
	Munich	30.34	16	E	4	0	30.31	-0.01	18	+2	E	4	0	0	0.12	18	16	0.0	0.0	0.0						
FRANCE.	C. Gris Nez	29.77	42	ESE	3	0	29.79	0.00	36	-5	ESE	4	0	4	0.59	45	34	0.0	0.0	0.0						
	La Hève	29.77	48	NE	1	0	29.90	0.00	46	0	NNW	3	0	5	0.16	52	45	0.0	0.0	0.0						
	Brest (St. Mathieu)	29.76	50	S	3	0	29.89	0.00	46	-2	NW	3	0	0	0.08	50	45	0.0	0.0	0.0						
	Lorient (Bec Melen)	29.76	50	S	3	0	29.89	0.00	46	-2	NW	3	0	0	0.08	50	45	0.0	0.0	0.0						
	Rochefort (Ile d' Aix)	29.76	50	S	3	0	29.89	0.00	46	-2	NW	3	0	0	0.08	50	45	0.0	0.0	0.0						
	Biarritz	29.86	52	SE	2	0	30.12	0.00	48	-6	ESE	2	0	6	0.63	54	43	0.0	0.0	0.0						
	Paris	30.11	24	E	7	0	30.15	0.00	27	0	E	4	0	0	0.04	30	24	0.0	0.0	0.0						
SPAIN, PORTUGAL, &c.	Belfort	29.91	22	SE	7	0	30.01	0.00	27	0	SSE	3	0	0	0.08	30	24	0.0	0.0	0.0						
	Lyons	29.91	22	SE	7	0	30.01	0.00	27	0	SSE	3	0	0	0.08	30	24	0.0	0.0	0.0						
	Nice	30.12	40	-	0	0	30.16	+0.02	45	+6	E	2	0	0	0.32	43	39	0.0	0.0	0.0						
	Perpignan	30.12	50	S	4	0	30.16	0.00	55	+2	SE	2	0	3	0	55	43	0.0	0.0	0.0						
	Sanguinaire	30.12	50	S	4	0	30.16	0.00	55	+2	SE	2	0	3	0	55	43	0.0	0.0	0.0						
	Corunna (8 a.m.)	29.78	51	SSE	3	0	29.95	+0.04	46	-1	SSE	3	0	8	0.32	52	43	0.0								

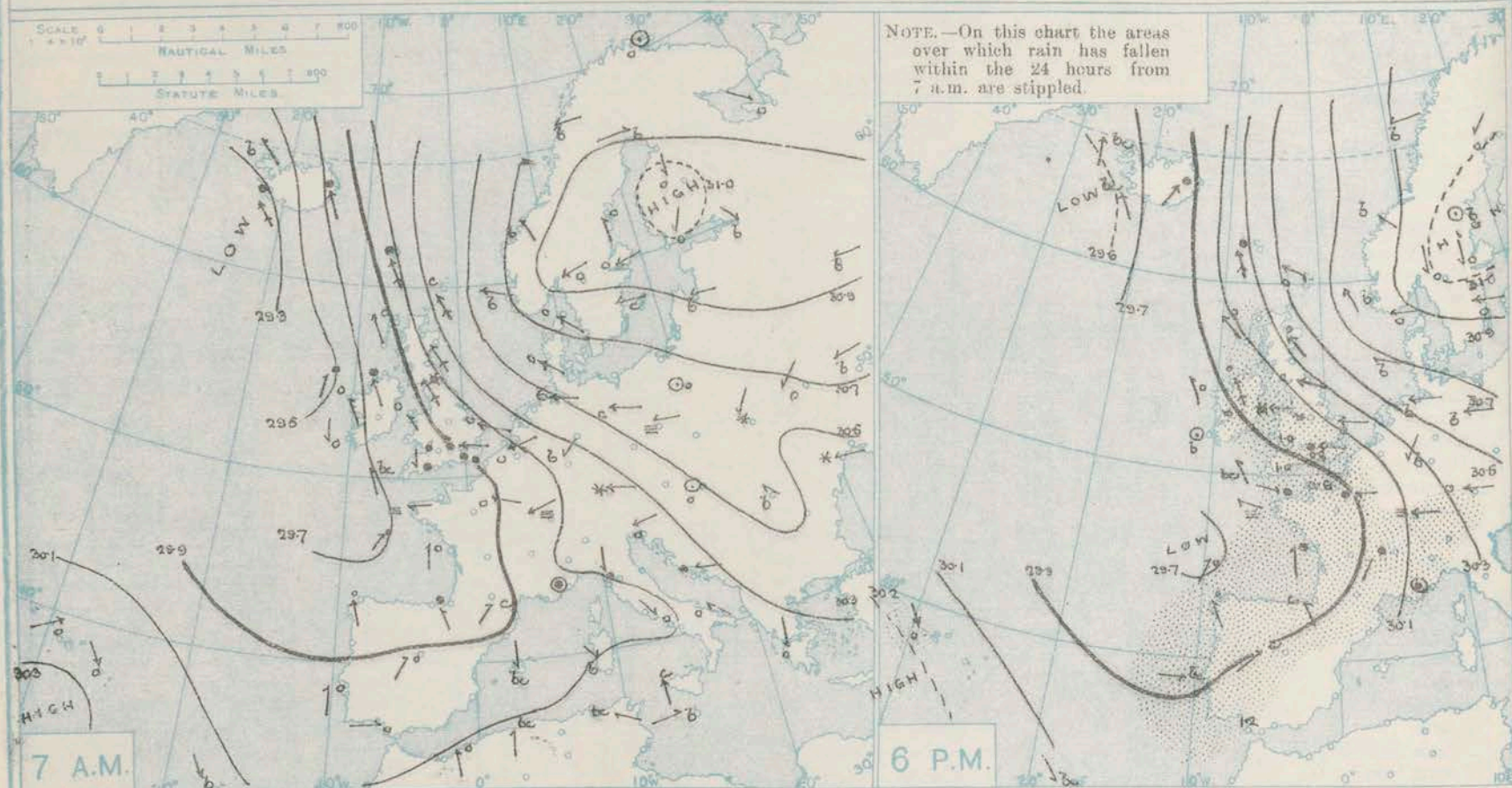
* Information for these columns not usually received.

† Received too late for insertion in Charts.

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

Extreme SSE. 9.
Lerwick. 7 a.m. - 7 p.m.
Castellbay. 4 p.m. - 8 p.m.
Malin Head. noon - 6 p.m.
Donaghadee. noon - 10 p.m.
Wick. 7 a.m. - 7 p.m.
Aberdeen. 7 a.m. - 11 a.m.
Spurn Head. 7 a.m. - 7 p.m.
Yarmouth. 8 a.m. - 3 p.m.
Kew. 12.30 p.m.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 54° at Sully, but in the east the maxima were below 40°, as low as 34° at Nottingham. Slight frost occurred in the night, the lowest temperature being 28° at Nottingham. Rain, hail, sleet or snow fell in most districts, yielding more than an inch of

water at Oxford and Portland Bill. At Bath the depth of snow was 7 in. A S.W. to E. gale to a strong or whole gale was experienced on our northwestern and eastern coasts.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

- | | | |
|---|---|-----------------------------------------------------------------------------------------|
| 0 | a | S.E. to E. winds, strong to a gale; squally, unsettled, some rain, sleet or snow; cold. |
| | b | |
| 1 | | |
| 2 | a | E. winds, fresh or strong, a gale in places; unsettled, squally, sleet or snow; cold. |
| | b | |
| 3 | | |
| 4 | a | |
| | b | |
| 5 | | |

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 | Fresh or strong S.E. and E. winds; dull, some rain or snow, squally; cold. |
| | b | |
| 7 | a | cold. |
| | b | |
| 8 | a | N.E. and N. winds, strong at times, but mostly light; dull, unsettled, some rain or snow; cold. |
| | b | |
| 9 | | Same as Nos. 6 & 7. |
| 10 | a | Light E. to N.E. breezes, freshening later; changeable, some rain or snow; cold. |
| | b | |

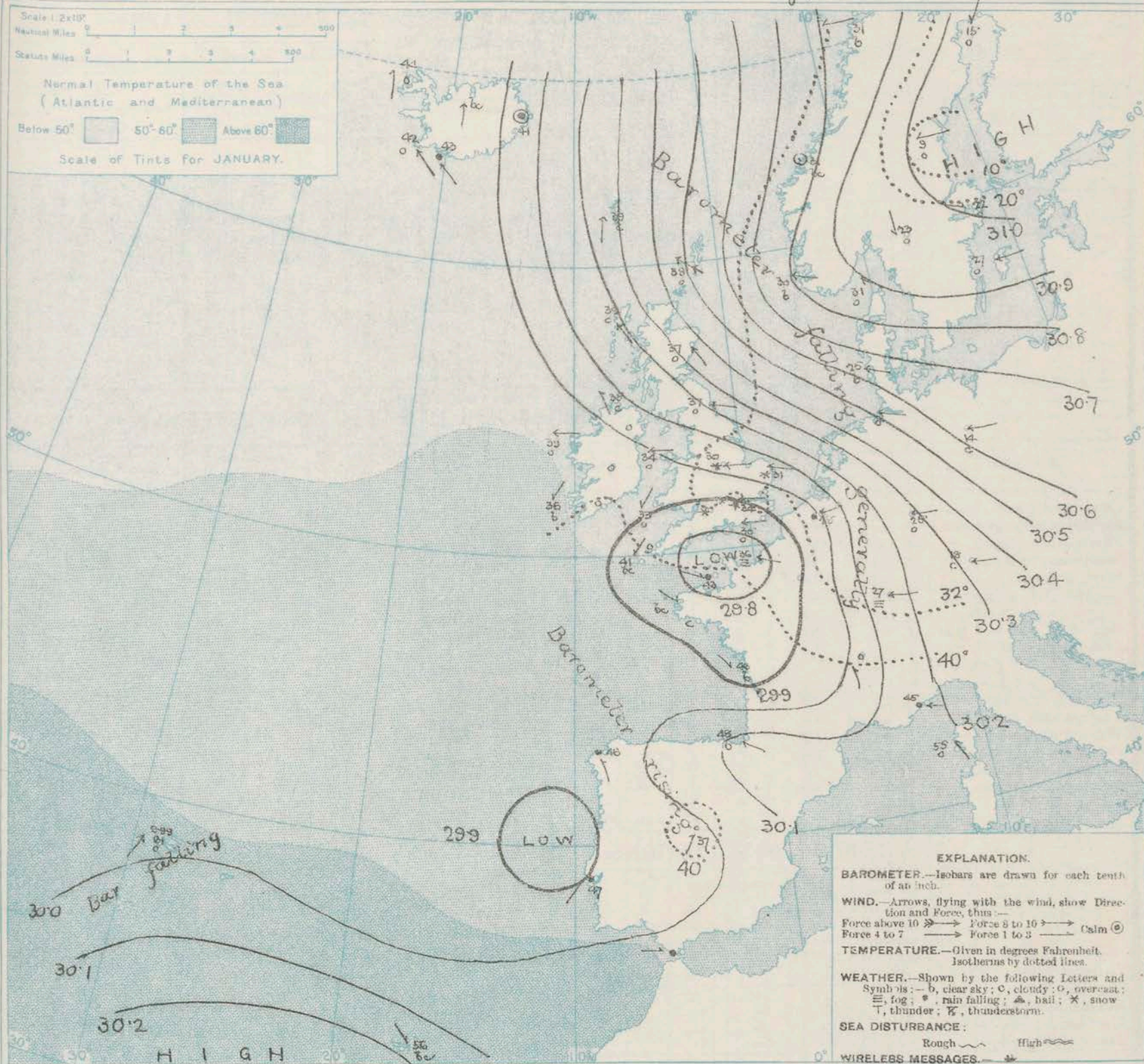
11 WESTERN CHANNEL AND BAY.

N.E. and N. to W. breezes, locally fresh or strong; sea slight or moderate; unsettled, some rain, snow, mist or fog; cold.

THE FURTHER OUTLOOK.

Conditions remaining very unsettled generally.

SYNOPTIC CHART FOR 7 A.M. Thursday, 18th JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The continental anticyclone has increased in intensity, and the barometer now stands above 31 in. in Sweden. A small depression, with the barometer at 29½ in. has formed over the middle region of the English Channel. The gradient is steep over the North Sea area.

The wind is N.W. at Jersey and Rochefort, but generally over the Continent and the British Isles a S.E. to E. current prevails, very variable in force, strong to high or a gale round the North Sea, light about our southwestern coasts.

Temperature has decreased in most localities. At the home stations the values range from 30° at Nottingham to 43° at Jersey; on the Continent from 14° at Berlin to 48° at Biarritz; in Scandinavia from 9° at Helsingfors to 31° at Christiansund and Bodø; and in Iceland from 41° to 44°. The weather is nearly everywhere very cloudy to dull, with rain at some of the Channel stations, at Wick and Torice, sleet or snow over the eastern and Midland counties. Hampstead reports a glazed frost. A very high sea is running off Shetland, and it is high or rough round the north of Scotland and down the east coast.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The appearance of a small disturbance on the English Channel has brought the conditions into a much

more unsettled type, and snow storms are probable, more especially over England, with low temperature.

DAILY WEATHER REPORT.

Thursday, 18th Jan., 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.		
	Lat. N.	Long. W.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.
17th January 4 p.m.	45.25	8.14	29.72	SW	3	H.M.S.	17th January 6 p.m.	45.50	8.30	29.66	SW	2	0	50	47	54
" 4 a.m.	55	11	29.45	SSW	1-3	Mongolian.	" 7 a.m.	55	10	29.50	SSW	4-5	r	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.				Hrs.	In.	Brighton, to 6 p.m.	40	40	*	Hrs.	In.
Dublin (City), to 4 p.m.	47	42	b. org. og	*	0.11	Seaford, to 6 p.m.	46	35	*	0.0	0.19
Blackpool, to 9 p.m.	41	27	os. o	0.0	0.87	Eastbourne, to 6 p.m.	45	36	*	0.0	0.19
Southport, to 9 p.m.	42	27	os. o	0.0	0.79	Bexhill-on-Sea, to 9 p.m.	39	34	d	0.0	0.28
Rhyl, to 6 p.m.	37	28	os. o	0.0	0.28	Hastings	*	*	*	0.0	0.24
Colwyn Bay, to 6 p.m.	39	29	s	0.0	0.12	Folkestone, to 6 p.m.	42	?	b. r	0.0	0.18
Llandudno, to 9 p.m.	47	28	os. o	0.0	0.06	Deal, to 6 p.m.	43	32	r. og. r	0.0	0.20
Betiws y-Coed, to 6 p.m.	42	30	s	0.0	0.10	Ramsgate, to 6 p.m.	*	*	*	0.0	0.22
Aberystwyth, to 6 p.m.	45	35	*	0.0	0.10	Margate, to 6 p.m.	35	33	os. o	0.0	0.25
Plymouth, to 9 p.m.						Felixstowe, to 6 p.m.	38	32	*	0.0	0.03
Paignton, to 6 p.m.	47	40	os. o	0.0	0.02	Lowestoft, to 6 p.m.	38	29	os. o	0.0	0.08
Torquay, to 6 p.m.	47	45	*	0.0	0.03	Skegness, to 6 p.m.	38	30	r. c	0.1	0.08
Teignmouth, to 9 p.m.	48	38	c. r. c	0.0	0.10	Scarborough, to 9 p.m.	38	32	ogf	0.0	0.02
Weymouth, to 6 p.m.	46	37	r. d. cm	0.0	1.28	Harrogate, to 6 p.m.	33	27	r. s. o	0.0	0.68
Bournemouth, to 6 p.m.	45	36	or	0.0	1.30	Buxton, to 9 p.m.	41	24	os. o	0.0	0.17
Southsea, to 6 p.m.	36	32	*	0.0	0.50	Darwen, to 9 p.m.	40	26	os. o	0.0	?
Worthing, to 6 p.m.	41	33	+	0.0	0.15	Manchester, to 9 p.m.					
						Birmingham, to 9 p.m.	41	27	r. s	0.0	0.72

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.			
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				18 th and 19 th Jan. 1912.	Sunrise	Noon	Sunset
24 HOURS ENDED AT 9 A.M. TO-DAY.											
Greenwich (Royal Obs.) ...	% 95	% 94	36	31	o. n. s.	in. 0.49	Hrs. 0.0	Yarmouth Greenwich Wick Valencia... ..	G.M.T.	G.M.T.	G.M.T.
City (Hunhill Row)	*	*	*	*	*	*	0.0		{ 7.55	12.3	4.11
Westminster (St. James's Pk.	88	91	39	33	r. r. s. d	0.54	0.0		{ 7.54	12.4	4.13
Camden Sq. (Brit. Rainfall)	93	97	36	32	or. s	0.63	0.0		{ 7.59	12.10	4.23
Hampstead (Reservoir) ...	3	100	34	31	or. s	0.48	0.0		{ 7.57	12.11	4.25
24 HOURS ENDED AT 6 P.M. YESTERDAY.											
South Kensington ...	*	*	45	33	{ or o. o. d. q }	{ 0.38 }	{ 0.0 }	{ 8.48	12.22	3.57	
" " (Roof of M.O.)	83	91	46	33				{ 8.46	12.23	4.0	
								{ 8.41	12.51	5.2	
								{ 8.40	12.52	5.0	

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	0.83	57	52	r. o	Rome	0.12	46	42	o. o
Marseilles	-	52	46	o. bc	Vienna	-	18	10	b. o
Malta	0.28	59	50	b. b	Utrecht	-	32	19	c. bc
Algiers	-	68	54	b. bc	Zürich	0.28	*	*	o. m
Tunis	-	57	39	b. bc	Geneva	0.04	*	*	o. o
Palermo	-	64	46	b. c	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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility; unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

1912.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday

19th January 1912.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					
	Barom.	Temp.	Wind	Force (0 to 12).	Weather.	Barometer.	Temp.	Wind	Force (0 to 12).	Weather.	Sea (0 to 8).	Rain-fall.	Temp.		Sun-shine.	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.
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac.			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dirac.			Max.	Min.		Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.			
BRITISH ISLANDS.	Lerwick ...	30.39	37	SE	8	09		38	0	ESE	7	09	39	35	0.13	09	09	09	09	09	09
	Stornoway ...	30.06	38	SE	6	c		37	-2	SSE	2	c	40	35	0.1	09	09	09	09	09	09
	Castlebay (Barra Isd.)	30.03	38	E	4	0		41	+2	S	3	0	41	37	0.1	09	09	09	09	09	09
	Malin Head ...	29.95	35	S	3	ben		34	-1	S	3	ben	38	33	+	ben	ben	ben	ben	ben	ben
	Blacksod Point ...	29.85	39	ESE	6	0		40	+1	ESE	5	c	40	37	+	ben	ben	ben	ben	ben	ben
	Valencia ...	29.84	44	ESE	2	09		49	+13	SE	5	0	49	36	0.3	ben	ben	ben	ben	ben	ben
	Roche's Point ...	29.90	37	E	3	bc		48	+6	F	4	bc	48	36	+	0	09	09	09	09	09
	Birr Castle ...	29.90	38	E	1	0		42	+4	ENE	4	0	42	35	0.0	09	09	09	09	09	09
	Donaghadee ...	29.97	37	E	4	09		38	0	SSE	1	0	39	34	+	09	09	09	09	09	09
	Liverpool Obsy. ...	29.95	31	E	3	S		25	-6	ESE	2	6	34	25	0.0	09	09	09	09	09	09
	Holyhead ...	29.94	33	E	2	opn		40	+6	SE	3	c	40	32	+	09	09	09	09	09	09
	Pembroke (St. Ann's Hd.)	29.94	34	NE	1	0		44	+11	SE	4	c	45	33	0.5	09	09	09	09	09	09
	Newquay ...	29.92	40	NW	1	0		46	+7	SE	3	0	46	36	0.0	0	0	0	0	0	0
	Scilly (St. Mary's) ...	29.92	41	SW	1	bcng		48	+7	SE	6	cp	49	40	1.0	09	09	09	09	09	09
	Jersey (St. Aubin) ...	29.98	43	WSW	4	cmg		42	-1	ENE	3	bm	47	37	0.0	09	09	09	09	09	09
	Portland Bill ...	29.91	38	WNW	4	c		46	+11	SE	4	c	46	35	0.0	09	09	09	09	09	09
	Dungeness ...	29.89	47	S	5	09		45	+10	SE	3	0	48	34	0.0	09	09	09	09	09	09
	Dover ...	29.94	46	S	6	0		41	+9	SE	1	0	46	31	0.0	09	09	09	09	09	09
	Wick ...	30.16	38	SSE	6	0		40	+1	SSE	5	0	40	36	+	09	09	09	09	09	09
	Nairn ...	30.10	34	SE	1	0		34	-3	-	0	0	37	33	0.0	0	09	09	09	09	09
	Aberdeen ...	30.18	37	SE	5	0		41	+4	SSE	3	0	41	34	0.0	09	09	09	09	09	09
	Leith ...	30.02	35	ESE	3	c		35	-2	WSW	1	09	37	34	+	09	09	09	09	09	09
	North Shields ...	30.03	33	ESE	5	S		36	-1	S	1	0	38	32	0.0	09	09	09	09	09	09
	Spurn Head ...	29.94	38	ESE	5	Y		33	0	SSW	4	cm	38	30	+	09	09	09	09	09	09
ICELAND & FAEROE.	Yarmouth ...	29.97	40	ESE	4	0		38	+7	SW	1	6	44	30	0.0	09	09	09	09	09	09
	Clacton-on-Sea ...	29.93	42	SE	4	Y		38	+3	-	0	0	43	34	0.0	09	09	09	09	09	09
	Nottingham ...	29.93	33	E	3	S		33	+3	SW	1	0	34	29	0.0	09	09	09	09	09	09
	Bath ...	29.92	32	WNW	1	S		28	-4	E	1	6	36	27	0.0	09	09	09	09	09	09
	Oxford ...	29.94	33	W	2	0		31	-1	SE	1	by	35	31	+	09	09	09	09	09	09
	London (Kew Obsy.) ...	29.88	39	E	1	md		34	0	-	0	am	41	33	0.0	09	09	09	09	09	09
SCANDINAVIA.	Isafjord ...	29.76	41	SE	2	b		45	+1	SE	8	6	+	+	+	+	+	+	+	+	+
	Reykjavik ...	29.62	43	SE	5	0		38	-4	E	6	bc	+	+	+	+	+	+	+	+	+
	Vestmanna ...	29.71	42	SE	6	0		41	-2	E	9	c	+	+	+	+	+	+	+	+	+
	Seydisfjord ...	30.03	44	SSW	4	c		40	-1	ENE	2	c	+	+	+	+	+	+	+	+	+
	Thorshavn ...	30.26	41	SSE	7	0		39	0	SSE	5	0	+	+	+	+	+	+	+	+	+
	Haparanda ...	30.96	15	SW	2	f		17	+2	W	4	0	25	12	+	+	+	+	+	+	+
GERMANY, &c.	Hernösand ...	30.97	16	-	0	c		21	+12	WSW	4	0	21	9	+	+	+	+	+	+	+
	Stockholm ...	30.96	19	N	2	0		23	+1	ESE	2	0	23	18	+	+	+	+	+	+	+
	Wisby ...	30.91	27	E	4	0		25	-2	SSE	2	0	30	25	+	+	+	+	+	+	+
	Karlstad ...	30.92	22	NE	2	0		24	+1	NE	2	0	25	21	+	+	+	+	+	+	+
	Færder (Xtania Fjord) ...	30.83	27	ENE	5	0		26	-1	NE	4	0	27	23	+	+	+	+	+	+	+
	Bodö ...	30.69	32	E	2	b		31	0	E	2	6	32	28	+	+	+	+	+	+	+
FRANCE.	Christiansund ...	30.60	31	ESE	1	bc		42	+11	ESE	2	bc	42	30	+	+	+	+	+	+	+
	Skudesnaes ...	30.54	34	ESE	6	6		37	+7	ESE	9	0	37	30	+	+	+	+	+	+	+
	The Scaw (Skagen) ...	30.74	32	SE	9	0		33	+2	SE	5	0	33	30	+	+	+	+	+	+	+
	Blaavands Huk ...	30.43	26	ESE	8	0		27	+2	SE	5	0	27	23	+	+	+	+	+	+	+
	Cuxhaven ...	30.36	22	E	6	0		22	+2	SE	4	bc	25	20	+	+	+	+	+	+	+
	The Helder ...	30.14	28	ESE	3	0		28	+9	SE	1	c	30	19	+	+	+	+	+	+	+
SPAIN, PORTUGAL, &c.	Brussels ...	30.13	39	SE	5	0		33	+5	ENE	1	0	39	27	+	+	+	+	+	+	+
	Berlin ...	30.58	18	E	4	6		13	-1	E	1	6	19	13	+	+	+	+	+	+	+
	Frankfurt ...	30.31	33	E	1	0		33	+8	SE	1	Y	34	25	+	+	+	+	+	+	+
	Munich ...	30.35	25	E	2	c		20	+2	E	2	0	25	18	+	+	+	+	+	+	+
	C. Gris Nez ...	29.96	33	SW	5	0		40	+4	ESE	2	Y	46	33	+	+	+	+	+	+	+
	La Hève ...	29.99	47	ESE	2	6		44	-8	ESE	4	6	54	43	+	+	+	+	+	+	+
SCANDINAVIA.	Lorient (Bec Melen) ...	29.96	46	S	1	0		44	-2	E	3	6	52	41	+	+	+	+	+	+	+
	Rochefort (Ile d'Aix) ...	29.96	52	E	3	0		48	0	SE	2	6	57	45	+	+	+	+	+	+	+
	Biarritz ...	29.96	52	E	3	0		48	0	SE	2	6	57	45	+	+	+	+	+	+	+
	Paris ...	30.06	44	SSW	2	bc		40	+2	ENE	1	0	50	37	+	+	+	+	+	+	+
	Belfort ...	30.23	30	E	3	f		27	0	ENE	5	f	30	27	+	+	+	+	+	+	+
	Lyons ...	30.20	47	E	2	Y		49	+4	E	2	Y	?	?	+	+	+	+	+	+	+
SCANDINAVIA.	Nice ...	30.00	50	S	1	0		46	+5	SE	2	0	59	41	+	+	+	+	+	+	+
	Perpignan ...	30.14	53	SE	2	m		55	0	SE	4	Y	55	45	+	+	+	+	+	+	+
	Sanguinaire ...	30.14	53	SE	2	m		55	0	SE	4	Y	55	45	+	+	+	+	+	+	+
	Corunna (8 a.m.) ...	29.99	47	WNW	4	6		45	-2	ENE	3	Y	52	45	+	+	+	+	+	+	+
	Lisbon (9 a.m.) ...	29.91	52	W	1	bc		50	+3	W	2	bc	52	48	+	+	+	+	+	+	+
	Gibraltar ...	29.91	52	W	1	bc		50	+3	W	2	bc	52	48	+	+	+	+	+	+	+

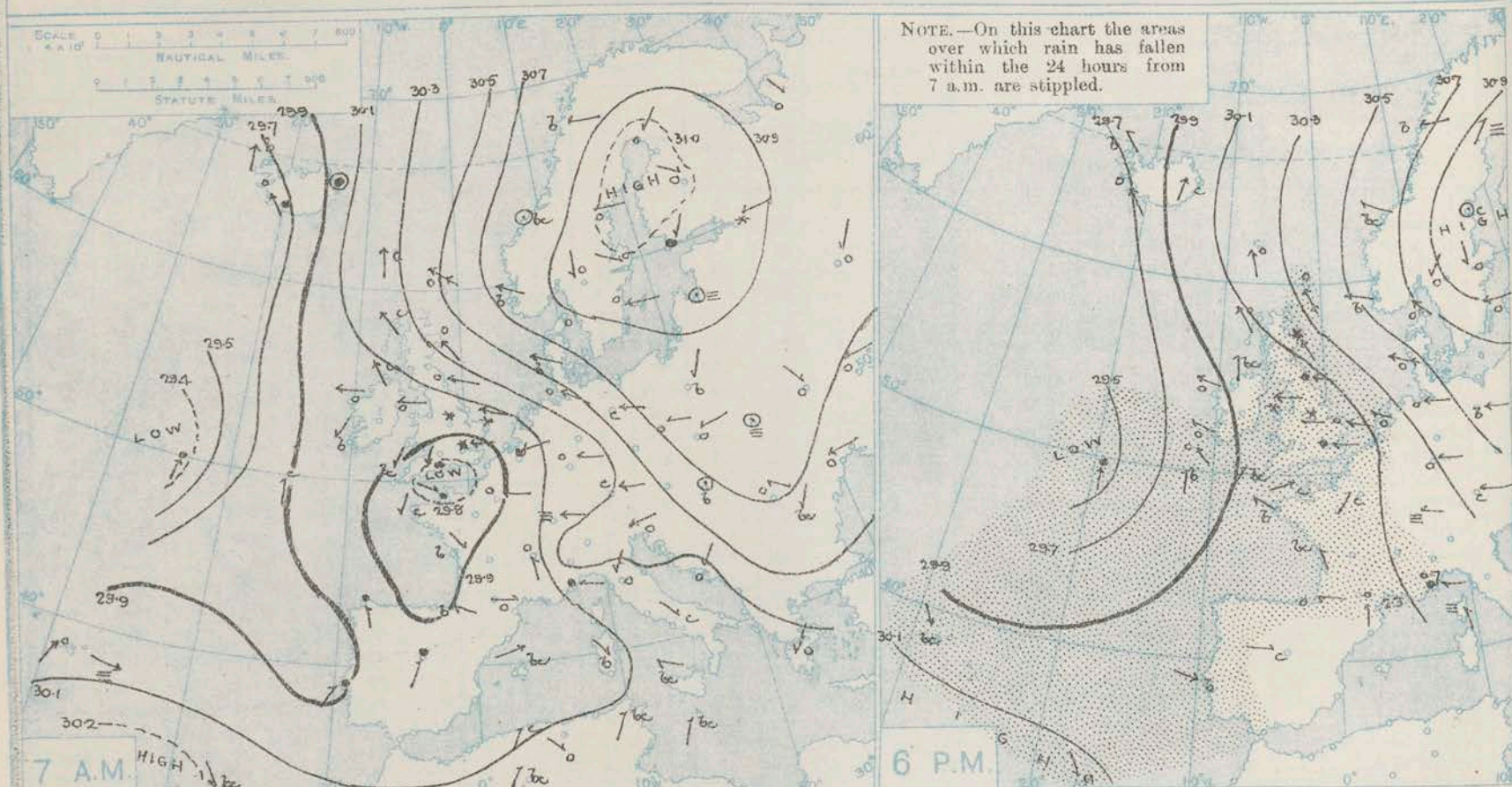
* Information for these columns not usually received.

† Received too late for insertion in Charts.

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

7 a.m. - 5 a.m. Extreme ESE g.
 7 a.m. - 5 p.m. SSE 8.
 8 a.m. Squall 51 m.p.h.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 18th January.



NOTES ON YESTERDAY'S WEATHER.

During yesterday strong gales from S.E. prevailed on the east coast of Scotland and over the North Sea. Heavy rain fell in the south of England and the Midlands. 2-7 hours of bright sunshine were recorded at Oban, but

at most other stations the sky was overcast. A rise of temperature occurred during the day in the south, where the maxima were but little below 50°. Wireless reports show that S.W. winds prevailed as far west as 20°.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON FRIDAY

TO NOON SATURDAY.

0 { a } S.W. to S.E. winds, moderate to fresh;
b } dull, some showers of sleet or rain;
1 } becoming milder

2 { a } light winds, freshening later
b } from between S.E. to S.; fair at
3 } first, some rain later; becoming
milder.

4 { a } light S.E. breezes, freshening later;
b } fair, with local mist or fog, some
5 } rain later; 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. North Cone. South Cone. North Cone.

No Warnings issued.

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

7 { a } Same as No. 2 to 4.

8 { a } Moderate or fresh S.E. winds, fair
b } intervals; some rain; rather mild.

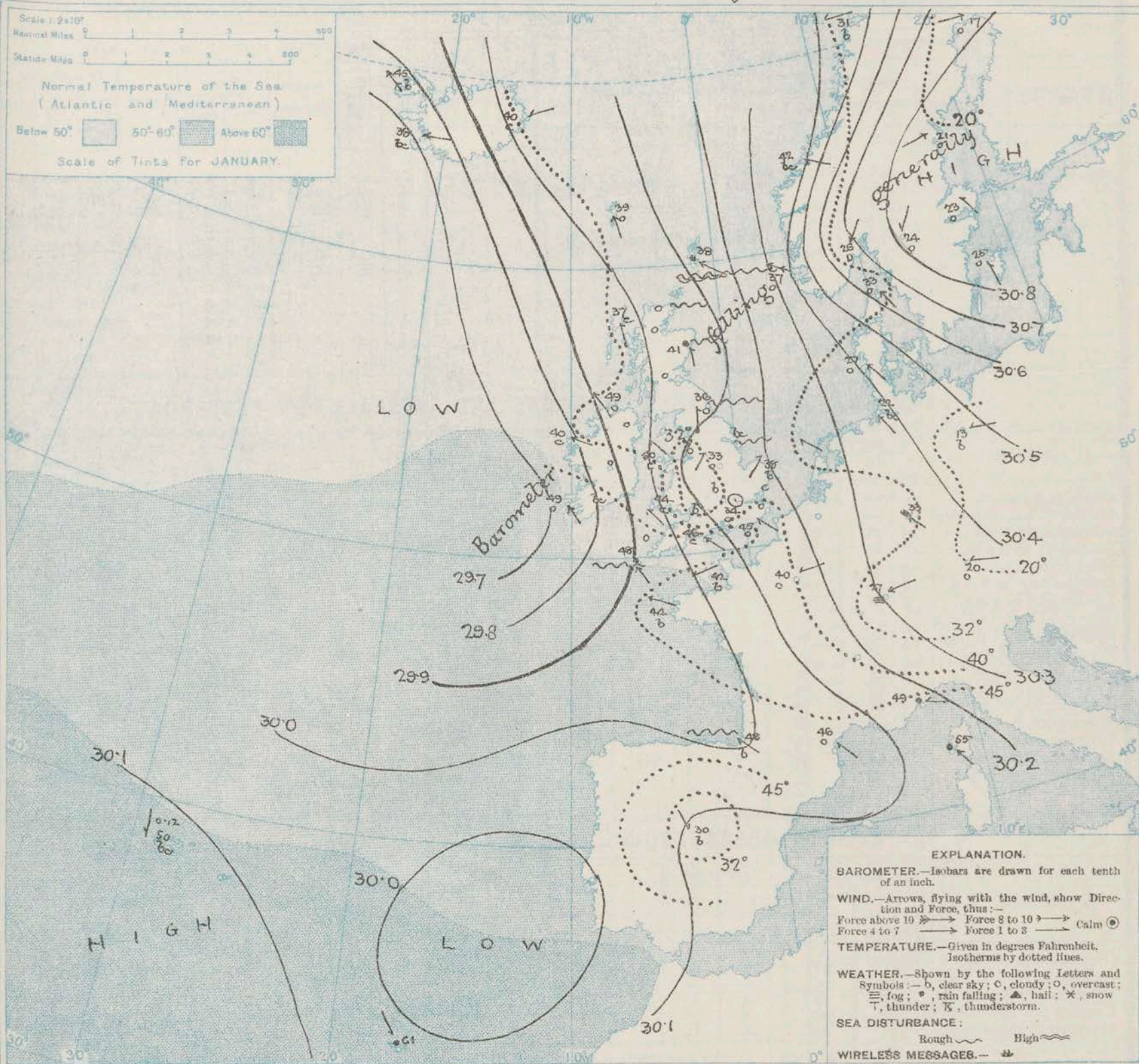
9 { a } Moderate to fresh S.W. to S.E. winds;
b } mostly overcast, some showers;
becoming milder.

10 { a } S.E. winds, moderate or fresh; dull,
b } some rain; rather mild.

11 WESTERN CHANNEL AND BAY. Moderate to fresh S.W. to S.E. winds; moderate to rather rough sea; rain at times; rather mild.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Friday 19th JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure has decreased slightly in the anticyclone over Scandinavia, the highest readings being now below 30.9 in. over the east of Sweden. A slight fall of the barometer is in progress in the south-west of our islands, Valencia 29.71 in.

The South-Easterly current is still maintained, but it has fallen high along our east coast and over the eastern counties generally. Moderate to fresh South-Easterly winds are reported from our western districts, while a gale from South-East still blows at Skudeneass. Temperature has risen decidedly in the south of England, to-day's readings are in many cases 10° above those of yesterday. In the north

readings are generally between 35° and 40°, but a sharp frost prevails locally, Liverpool 25°. Sharp frost is also reported from Germany and Sweden, Berlin 13°. The weather over the British Isles is rather variable, Oxford, Bath, Liverpool and Portsmouth report a clear sky, elsewhere much cloud prevails, with mist locally. Rain is reported at Selly, Aberdeen and Berwick. The sea is still rough in the Shetlands and on the east coast of Scotland, rather rough in the north-east of England, moderate or slight elsewhere.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The anticyclone over Scandinavia is giving way slowly, and a slow fall of the barometer is also taking place in the south-west of our islands. During the evening twenty-four

hours the Southerly to South-Easterly gradient is likely to be maintained over the British Isles.

DAILY WEATHER REPORT.

January, 19th 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.
	Lat. N.	Long. W.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
19 January 4 a.m.	49	14	29.67	S	6-7	Oceanic	19 January 7 a.m.	49	12	29.78	S	6-7	o	-	-	-	-
18 " 3 p.m.	49	20	29.35	S	6-7		18 " 6 p.m.	49	19	29.44	S	6-7	r	-	-	-	-
" " 5 p.m.	51	8	29.85	E	1-3	Philadelphia	" " 10 p.m.	51	10	29.80	SE	1-3	o	-	-	-	-
" " 10 a.m.	49	12	29.85	S	4-5	Vaderland	" " 1 p.m.	49	11	29.83	S	4-5	6	-	-	-	-
" " 4 a.m.	49	14	29.88	S	4-5		" " 7 a.m.	49	12	29.87	S	4-5	bc	-	-	-	-
" " 4 a.m.	49	15	29.92	SSW	4-5	Oceanic	" " 10 a.m.	49	14	29.92	S	1-3	c	-	-	-	-
" " 4 a.m.	49	26	29.42	SSW	4-5		" " 10 a.m.	49	24	29.35	SW	6-7	r	-	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.	42	34	bc. c. b	Hrs. 2.7	In. 0.04	Brighton, to 6 p.m.	46	33	*	Hrs. 0.0	In. 0.34
Dublin (City), to 4 p.m.	39	37	og. dr. og	*	0.04	Seaford, to 6 p.m.	46	35	o. r. o	0.0	0.21
Blackpool, to 9 p.m.	32	27	os. drs	0.0	0.14	Eastbourne, to 6 p.m.	51	36	*	0.0	0.50
Southport, to 9 p.m.	32	29	os. o	0.0	0.25	Bexhill-on-Sea, to 9 p.m.	47	34	-	0.0	0.26
Rhyl, to 6 p.m.	33	29	S	0.0	0.32	Hastings ...	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	35	29	o. s	0.0	0.53	Folkestone, to 6 p.m.	46	31	h. r. o	0.0	0.51
Llandudno, to 9 p.m.				0.0		Deal, to 6 p.m.	45	32	or. og. o	0.0	0.70
Bettws-y-Coed, to 6 p.m.						Ramsgate, to 6 p.m.	*	*	*	0.0	0.52
Aberystwyth, to 6 p.m.	43	30	*	0.0	0.22	Margate, to 6 p.m.	45	31	x. f. o	0.0	0.40
Plymouth, to 9 p.m.						Felixstowe, to 6 p.m.	42	32	*	0.0	0.33
Paignton, to 6 p.m.	38	32	o. h. s. os. o	0.0	0.06	Lowestoft, to 6 p.m.	40	29	osp. o	0.0	0.10
Torquay, to 6 p.m.	38	33	*	0.0	0.02	Skegness, to 6 p.m.	37	31	sq. o	0.0	0.25
Teignmouth, to 9 p.m.	38	32	c	0.0	0.06	Scarborough, to 9 p.m.	37	32	ogfs	0.0	-
Weymouth, to 6 p.m.	35	32	S. r. c	0.0	0.74	Harrogate, to 6 p.m.	30	28	o. sp	0.0	0.13
Bournemouth, to 6 p.m.	35	32	S. r. o	0.0	0.60	Buxton, to 6 p.m.					
Southsea, to 6 p.m.	44	33	*	0.0	0.44	Darwen, to 9 p.m.	30	28	o. u. s. on	0.0	0.03
Worthing, to 6 p.m.	46	33	-	0.0	0.48	Manchester, to 9 p.m.					
						Birmingham, to 9 p.m.	31	27	S	0.0	0.79

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.		
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				19 th and 20 th Jan. 1912.	Sunrise	Noon
	%	%								
Greenwich (Royal Obsy.)	97	97	43	32	op. o. bc. x. m	0.03	0.0	Yarmouth	G.M.T. 7.54	G.M.T. 12.4
City (Banhill Row)	*	*	*	*	*	*	0.0		7.53	12.4
Westminster (St. James's Pk.)	95	92	44	34	r. m. f	0.02	0.0	Greenwich	7.57	12.11
Camden Sq. (Brit. Rainfall)	100	100	43	31	ogm. or. f	0.05	0.0		7.56	12.11
Hampstead (Reservoir)	*	99	40	34	ofr. bc. m. bc. m	0.08	0.0	Wick	8.46	12.23
									8.44	12.23
South Kensington	*	*	41	33	o. r. s. o. ogm. or. f. sp. f	0.50	0.0	Valencia...	8.40	12.52
" (Roof of M.O.)	91	98	42	33					8.39	12.52

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	In. 0.39	61	46	c. o	Rome...	-	56	43	B. o
Marseilles	0.08	54	48	o. r	Vienna	-	16	5	B. b
Malta	-	61	52	- bc	Utrecht	-	25	16	B. o
Algiers	-	70	54	o. c	Zürich	0.12	*	*	Y. r
Tunis	-	66	41	B. bc	Geneva	0.12	*	*	o. r
Palermo	-	66	40	B. bc	Lugano	-	*	*	o. s

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

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

1912

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday

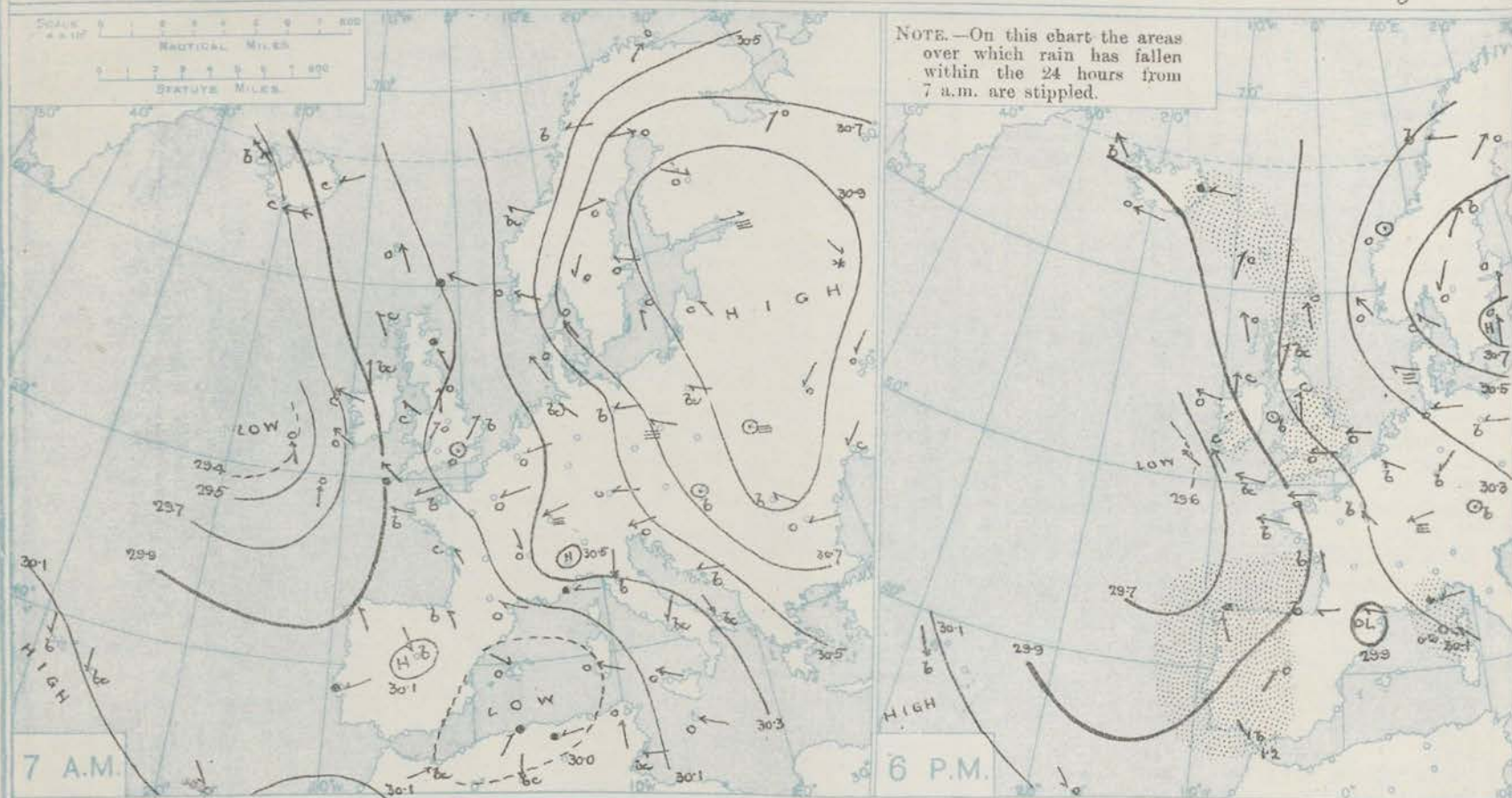
20th January, 1912.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain-fall.	TEMP.		Sun-shine.	WEATHER.				
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Weather.			Max.	Min.		Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
BRITISH ISLANDS.																						
Lerwick	30.12	44	SSE	6	o	30.17	-01	41	+3	SSE	2	o	4	0.15	45	36	+	comp	and	om		
Stornoway	30.08	41	SSE	4	o	30.09	-02	33	-4	E	1	b	1	-	43	32	0.0	oc	oc	be		
Castlebay (Barra Isd.)	30.06	45	SE	5	o	30.06	00	42	+1	ESE	3	b	1	-	45	41	1.0	o. cm	acm	o. be		
Malin Head	29.96	42	S	6	cm	29.97	00	39	+5	SE	4	cm	3	-	43	33	+	bcm	bcm	bcm		
Blackod Point	29.81	47	ESE	6	o	29.84	00	45	+5	SE	6	o	4	-	48	40	+	om	om	bcm		
Valencia	29.71	51	SE	6	cm	29.69	-01	50	+1	ESE	5	cm	5	-	53	49	0.9	cm	cm	bcm		
Roche's Point	29.83	48	SE	6	c	29.76	+	47	-1	E	5	o	5	0.01	49	46	+	c	c	c. be. of		
Birr Castle	29.88	46	SE	4	o	29.83	+	44	+2	SE	1	c	+	0.02	48	42	0.9	cp	o	o		
Donaghadee	30.08	41	E	4	c	30.01	-03	41	+3	E	5	o	4	-	44	35	+	be	bcm	om		
Liverpool Obsy.	30.11	33	ESE	4	o	29.99	-03	36	+11	ESE	3	o	2	0.01	37	25	0.9	b	bcm	od		
Holyhead	30.03	38	SE	1	bcm	29.91	-03	40	0	E	3	c	2	-	46	37	+	bcm	bcm	cm		
Pembroke (St. Ann's Hd.)	29.94	44	E	4	o	29.81	-03	45	+1	E	5	ogm	4	-	45	35	3.5	cm	cm	bcm		
Newquay	29.88	46	SE	4	b	29.75	-04	48	+2	SE	4	b	2	-	49	45	2.6	cm	cm	b. u.		
Scilly (St. Mary's)	29.83	50	ESE	6	bcm	29.70	-04	49	+1	ESE	6	cm	4	-	50	47	0.8	cm	cm	cm		
Jersey (St. Aubin)	29.94	47	E	4	ogm	29.89	+	49	+7	ESE	5	ogm	4	-	50	42	6.9	bcm	c. ogm	c. ogm		
Portland Bill	29.99	46	E	5	o	29.89	-02	49	+3	SE	4	c	3	Trace	49	45	0.2	c	oc	of c		
Dungeness	30.05	44	NE	3	m	29.99	?	45	0	SE	4	Y	4	Trace	47	42	0.0	od	og	fc. of		
Dover	30.10	43	SSE	4	o	30.05	+	43	+2	E	1	Y	3	0.02	44	39	0.0	om	o	made		
Wick	30.10	35	SW	1	be	30.13	-02	40	0	S	4	o	4	0.02	43	30	+	ond	ond	bcm		
Nairn	30.12	29	-	0	b	30.14	+	24	-10	-	0	b	0	0.02	40	22	1.4	be. p	b	b		
Aberdeen	30.13	36	SSW	1	b	30.17	-02	39	-2	-	0	o	4	0.02	43	35	1.5	ond	be. bcm	b. om		
Leith	30.16	37	SSE	2	c	30.13	-01	36	+1	SSE	1	of	+	-	40	32	+	o. sp. w	oc	c		
North Shields	30.19	23	S	3	cm	30.10	-02	42	+6	ESE	3	Y	4	0.03	42	30	+	cm	c	oc		
Spurn Head	30.17	39	E	3	Y	30.04	-01	41	+8	E	4	Y	4	0.28	41	32	+	o	or	orm		
Yarmouth	30.10	43	E	3	o	30.07	-03	42	+4	E	3	c	2	0.03	43	38	0.0	be. o	of	om		
Clacton-on-Sea	30.11	43	ENE	2	o	30.04	-02	43	+5	ENE	2	o	2	0.02	44	38	0.0	c. og	ogp	ogp		
Nottingham	30.13	35	ENE	3	o	30.02	+	39	+6	ENE	2	Y	+	0.26	39	33	0.1	o	oc	of		
Bath	30.04	36	ESE	1	o	29.94	+	39	+11	E	1	o	+	0.05	40	25	0.7	-	-	-		
Oxford	30.08	38	NE	2	o	30.00	+	37	+6	ENE	2	om	+	0.06	42	31	+	bcm	bcm	om. of		
London (Kew Obsy.)	30.08	42	E	3	om	29.99	-01	43	+9	ENE	3	om	+	0.06	43	32	0.0	om	f. m. ad. om. of	om. of		
ICELAND & FAEROE.																						
Isafjord	29.95	38	SE	5	b	30.07	+02	40	-5	SE	4	b	+	+	+	+	+	+	+	+		
Reykjavik	29.75	39	E	7	o	29.91	+04	40	+2	E	8	o	+	+	+	+	+	+	+	+		
Vestmanna	29.82	41	ESE	7	o	29.97	+04	40	-1	ESE	10	be	7	+	+	+	+	+	+	+		
Seydisfjord	30.08	37	E	3	Y	30.22	+03	33	-7	-	0	be	+	+	+	+	+	+	+	+		
Thorshavn	30.04	40	SSW	4	o	30.11	00	39	0	-	0	Y	+	+	+	+	+	+	+	+		
SCANDINAVIA.																						
Haparanda	30.36	23	SW	6	o	30.13	-06	3	-14	NW	2	o	+	-	25	1	+	+	+	+		
Hernösand	30.53	15	SW	4	b	30.28	-09	10	-11	-	0	be	+	-	21	9	+	+	+	+		
Stockholm	30.64	27	S	2	o	30.45	-09	27	+4	WSW	2	o	+	-	28	23	+	+	+	+		
Wisby	30.72	23	S	2	o	30.47	-08	21	-4	ESE	2	b	+	-	27	3	+	+	+	+		
Karlstad	30.66	24	NE	2	o	30.44	-08	20	-4	ENE	2	o	+	-	27	20	+	+	+	+		
Færder (X'ania Fjord)	30.60	26	N	5	o	30.38	-06	26	0	NE	4	c	2	-	27	23	+	+	+	+		
Bodö	30.33	26	E	2	b	30.17	-07	28	-3	E	2	o	1	-	32	23	+	+	+	+		
Christiansund	30.37	39	-	0	o	30.26	-04	37	-5	-	0	o	2	-	42	37	+	+	+	+		
Skudesnaes	30.44	38	SE	4	o	30.38	-02	34	-3	S	4	b	3	-	38	30	+	+	+	+		
The Scaw (Skagen)	30.53	31	SE	3	c	30.34	-06	29	-4	SE	3	be	1	-	33	28	+	+	+	+		
Blaavands Huk	30.33	25	ESE	2	w	30.21	-05	17	-10	ESE	1	m	1	-	27	16	+	+	+	+		
GERMANY, &c.																						
Cuxhaven	30.30	23	E	3	o	30.15	-07	22	0	SE	2	o	+	-	27	22	+	+	+	+		
The Helder	30.23	30	E	2	b	30.14	-02	31	+3	E	2	o	1	-	32	27	+	+	+	+		
Brussels	30.14	40	ESE	3	b	30.08	-01	35	+2	SSE	1	b	+	-	44	33	+	+	+	+		
Berlin	30.38	21	E	2	b	30.21	-03	20	+7	SE	2	c	+	-	27	13	+	+	+	+		
Frankfurt	30.22	33	NE	1	b	30.15	-01	28	-5	SE	1	+	+	-	37	27	+	+	+	+		
Munich	30.26	26	-	0	b	30.25	-01	18	-2	SW	2	+	+	-	30	18	+	+	+	+		
FRANCE.																						
C. Gris Nez	30.01	40	E	3	w	29.94	+	42	+2	ESE	3	be	2	-	43	36	+	+	+	+		
La Hève	29.89	47	ESE	4	b	29.74	-02	50	+6	SE	5	o	5	-	50	43	+	+	+	+		
Brest (St. Mathieu)	29.88	49	ESE	3	o	29.77	+	51	+7	SSE	3	Y	3	-	52	44	+	+	+	+		
Lorient (Bec Melen)	29.93	47	SSE	3	b	29.91	+	47	+2	S	3	Y	4	0.04	52	43	+	+	+	+		
Rochefort (Ile d' Aix)	29.91	54	E	2	b	29.94	+	52	+4	SSE	3	c	2	-	57	48	+	+	+	+		
Biarritz	30.08	44	SE	1	b	30.04	-03	38	-2	E	2	o	+	-	51	37	+	+	+	+		
Paris	30.24	27	ENE	5	w	30.20	+	24	-3	ENE	3	w	+	-	31	24	+	+	+	+		
Lyons	30.13	45	NE	1	o	30.15	+	39	-3	E	1	+	+	-	49	38	+	+	+	+		
Nice	30.15	44	ENE	5	Y	30.14	-01	48	-1	-	0	o	4	0.08	54	43	+	+	+	+		
Perpignan	29.88	49	ESE	3	o	29.77	?	51	+5	SSE	3	Y	3	-	52	45	+	+	+	+		
Sanguinaire	30.10	51	SE	3	o	30.08	+	54	-1	SW	3	o	3	0.55	55	46	+	+	+	+		
SPAIN, PORTUGAL, &c.																						
Corunna (8 a.m.)	29.72	49	SSE	6	o	29.95	+04	47	+6	SSW	3	o	5	0.16	52	41	+	+	+	+		
Lisbon (9 a.m.)	22.95	52	W	3	o	30.07	+05	44	-1	N	1	b	6	0.35	54	44	+	+	+	+		
Gibraltar	29.99	51	SE	1	or	30.02	+	49	-1	NW	1	b	+	1.19	+	+	+	+	+	+		
Azores (P. Delgada)	30.12	54	NW	4	b	30.12	00	52	+2	SSW	2	c	3	-	59	50	+	+	+	+		
Azores (Horta)	30.09	60	NW	3	o	30.12	-01	57	-4	NW	3	o	3	-	63	46	+	+	+	+		

* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature reached 53° at Valencia, and 50° at a few other south-western stations, but at Darwen and Harrogate the maximum was only 31°. Slight rain fell over Eastern Britain. Jersey and some

of the Welsh stations had 6½ to 7 hours of bright sunshine, but generally there was little or none. As far west as the 16th meridian ships experienced strong S.E. and S.W. winds and 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

Freshening S.E.^s and E.^s
winds; cloudy to dull, some
rain or sleet, local mist or
fog; 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 

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

Same as Nos. 0 to 5.

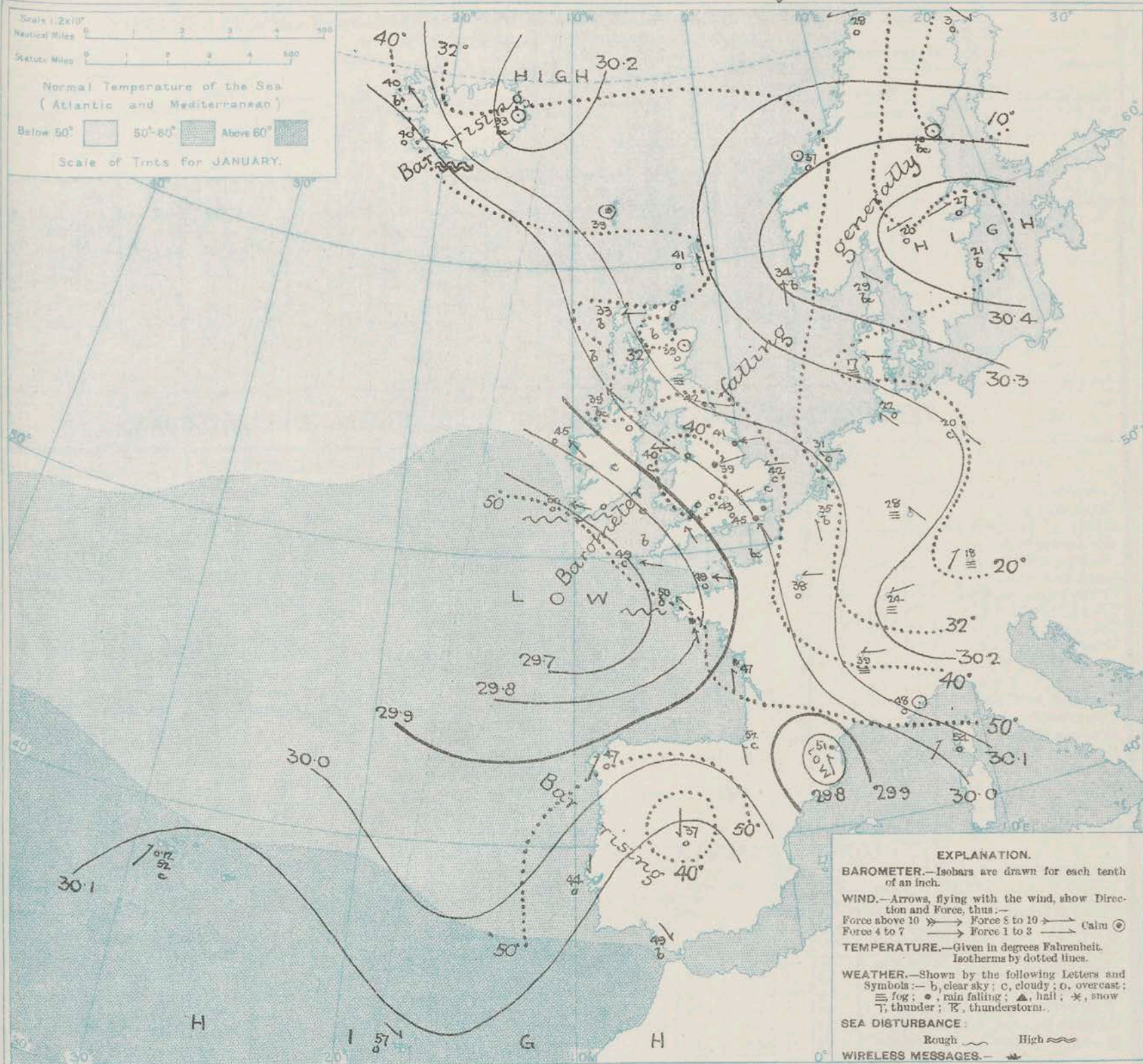
THE FURTHER OUTLOOK.

Conditions remaining unsettled.

11 WESTERN CHANNEL AND BAY.

S.E.^s, S.^s and S.W.^s winds, moderate to strong, a gale at times; sea moderate to rough; gusty, dull, some rain, mist or fog; mild.

SYNOPTIC CHART FOR 7 A.M. Saturday 20th JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is now falling over Europe generally, and the highest readings, in the south of Sweden, are below 30½ in. In a depression outside our south-western coasts the readings are below 29.7 in. The gradient is moderate to slight.

Winds from between S. and E. prevail over nearly the whole of the region under observation, a gale to a whole gale along the south of Iceland, moderate to very light in most other regions. Over the British Isles

temperature ranges from 24° at Obairn, and 33° at Stornoway, to 49° at Jersey, Portland Bill and Sully, and 50° at Valencia; on the Continent from 18° at Munich to 52° at Biarritz; in Scandinavia from 3° at Naparanda to 37° at Christiansund; and in Iceland from 24° to 40°. Very cloudy to overcast skies are reported in nearly all parts of our area. Rain is falling in Eastern England, Western France and in the Faeroes, and the atmosphere is foggy on the firth of Forth and in South-Western Germany. The sea is rather rough between the south of Ireland and the Bay, and high off Iceland.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The decrease of pressure is very uniform, and the conditions over the whole country will be

brought under the influence of the disturbance in the south-west.

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.		
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air.		Sea.
														Dry Bulb.	Wet Bulb.	
	"	"	In.				"	"	In.				"	"	"	
19 January, 4 a.m.	51	17	29.37	N	1-3	Empress of Ireland	19 January, 7 a.m.	51	15	29.39	SSE	6-7	o	-	-	-
19 January, 3 p.m.	51	12	29.50	SE	8-9	Empress of Ireland	19 January, 6 p.m.	51	11	29.57	ESE	6-7	c	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall In.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine Hrs.	Rainfall In.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.	44	43	bc. o. c. bc.	3.8	0.04	Brighton, to 6 p.m.	46	36	*	0.0	0.01
Dublin (City), to 4 p.m.	45	36	sp. c. o. c.	*	0.01	Seaford, to 6 p.m.	45	39	o. r.	0.0	0.03
Blackpool, to 9 p.m.	34	26	o. c.	1.6	0.09	Eastbourne, to 6 p.m.	48	40	*	0.0	0.06
Southport, to 9 p.m.	35	25	o.	1.0	0.01	Bexhill-on-Sea, to 9 p.m.	45	43	-	0.0	-
Rhyl, to 6 p.m.	37	28	b.	6.5	0.01	Hastings	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	41	30	b.	6.8	-	Folkestone, to 6 p.m.	46	40	m. r. o.	0.0	0.01
Llandudno, to 9 p.m.	40	31	o. b.	6.6	-	Deal, to 6 p.m.	45	39	om. c. dg. o.	0.0	0.01
Bettws-y-Coed, to 6 p.m.	36	30	bc.	3.2	*	Ramsgate, to 6 p.m.	*	*	*	0.0	-
Aberystwyth, to 6 p.m.	44	30	*	6.5	-	Margate, to 6 p.m.	43	33	om. o.	0.0	0.10
Plymouth, to 9 p.m.	50	35	bc. o.	5.5	-	Felixstowe, to 6 p.m.	43	34	*	0.0	0.05
Paignton, to 6 p.m.	49	32	o. bc. o.	0.3	-	Lowestoft, to 6 p.m.	44	39	o. c. bc. o.	0.0	-
Torquay, to 6 p.m.	50	35	*	0.6	-	Skegness, to 6 p.m.	40	33	r. o.	0.0	0.08
Teignmouth, to 9 p.m.	48	35	c.	0.2	-	Scarborough, to 9 p.m.	35	32	of. o.	0.2	0.06
Weymouth, to 6 p.m.	46	34	bc. o.	0.2	-	Harrogate, to 6 p.m.	31	26	ops. bc. o.	0.0	-
Bournemouth, to 6 p.m.	47	31	bc. c. o.	2.8	-	Buxton, to 6 p.m.	32	23	smc.	0.0	-
Southsea, to 6 p.m.	47	34	*	2.2	0.08	Darwen, to 9 p.m.	31	27	om. c.	0.0	-
Worthing, to 6 p.m.	45	34	c.	0.0	0.04	Manchester, to 9 p.m.	38	29	o. c.	0.0	-
						Birmingham, to 9 p.m.	35	29	o. c. f.	1.4	-

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.															
			Max.	Min.				20th and 21st Jan. 1912.	Sunrise	Noon	Sunset												
	3 p.m. Yesterday.	9 a.m. To-day.	24 HOURS ENDED AT 9 A.M. TO-DAY.																				
	%	%			in.	Hrs.																	
Greenwich (Royal Obsy.) ...	97	98	42	35	o. of	0.12	0.0	Yarmouth	{ 7.53	12.4	4.16												
City (Bunhill Row)	*	*	*	*	*	*	0.0					Greenwich	{ 7.52	12.4	4.16								
Westminster (St. James's Pl.)	94	95	45	39	v. m.	0.11	0.0									Wick	{ 7.56	12.11	4.26				
Camden Sq. (Brit. Rainfall)	97	98	44	33	f. od. o. of	0.18	0.0													Valencia... ..	{ 7.55	12.11	4.26
Hampstead (Reservoir) ...	*	99	42	40	at. atm. om.	0.15	0.0																	{ 8.44	12.23	4.3
South Kensington ...	%	%	24 HOURS ENDED AT 6 P.M. YESTERDAY.				0.01	}	0.0														
			43	35	{ om, adng, atm }	{																	
			44	37						*													
" (Roof of M.O.)	80	94							{ 8.39	12.52	5.5												
									{ 8.38	12.52	5.6												

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	In.	59	46	c. bc.	Rome	In.	58	45	b. o.
Marseilles	0.32	52	50	o. o.	Vienna	-	21	14	b. o.
Malta	-	63	54	- o.	Utrecht	0.08	32	23	o. bc.
Algiers	0.08	64	50	o. r.	Zürich	0.04	*	*	o. o.
Tunis	-	64	48	o. o.	Geneva	0.08	*	*	o. o.
Palermo	-	65	47	b. o.	Lugano	0.43	*	*	s. s.

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

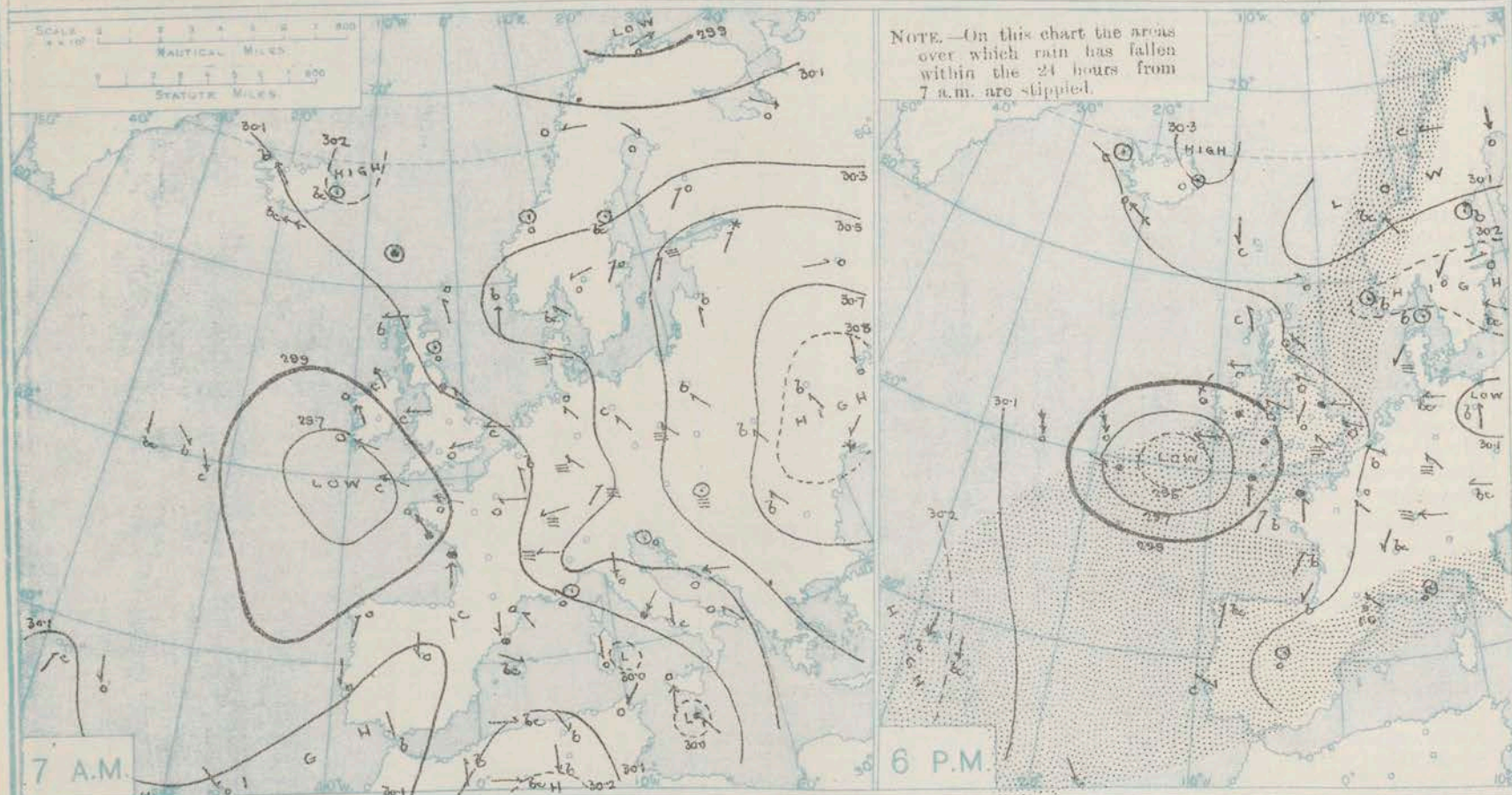
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DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday
21st January, 1912.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.									
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain-fall.	TEMP.		Sun-shine.	WEATHER.								
	At 32° Fahr. and M.S.L. Lat. 46°.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Weather.			Max.	Min.		Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.						
BRITISH ISLANDS.																										
Lerwick	30.11	42	WSW	3	o	29.99	-0.2	38	-3	NW	3	c	3	-	43	36	4.4	om	om	om						
Stornoway	30.08	38	SSE	1	c	30.08	0.0	41	+8	-	0	o	1	-	45	30	2.8	bc	bc	bc						
Castlebay (Barra Isd.)	30.05	44	E	2	bc	30.05	0.0	43	+1	E	2	c	3	-	45	42	*	om	om	om						
Malin Head	29.94	41	E	4	ogm	30.01	+0.2	43	+4	S	2	o	3	-	45	34	*	om	om	om						
Blacksod Point	29.83	45	NE	4	o	29.96	+0.2	43	-2	E	1	c	3	-	45	42	*	om	om	om						
Valencia	29.60	50	E	4	o	29.87	+0.4	47	-3	SE	4	bc	4	0.18	51	45	0.2	c	c	bc						
Roche's Point	29.70	48	E	5	r	29.96	*	47	0	ESE	4	bc	5	0.17	49	47	*	o	r	o						
Birr Castle	29.77	46	E	1	r	29.97	*	38	-6	E	1	c	*	0.05	47	38	0.0	c	od	op						
Donaghadee	29.95	44	E	5	o	30.01	+0.2	44	+3	SSW	2	m	1	Trace	46	40	*	om	opm	ogf						
Liverpool Obsy.	29.99	39	ESE	2	o	30.06	+0.2	35	-1	S	2	b	1	0.02	42	33	0.0	bm	cmd	b						
Holyhead	29.91	43	ESE	3	cm	30.02	+0.2	45	+5	-	0	b	1	0.06	46	40	*	o.cpm	bm	bm						
Pembroke (St. Ann's Hd.)	29.81	47	ESE	4	r	30.02	+0.2	46	+1	SSE	3	bmw	4	0.07	48	43	0.2	ogm	cm	orm						
Newquay	29.82	46	SE	3	o	30.01	*	40	-8	SE	1	b	2	0.04	50	39	0.1	bc	cc	bc						
Scilly (St. Mary's)	29.78	49	S	4	cpm	29.96	+0.2	48	-1	SSE	3	bc	4	0.08	52	47	1.9	cmh	cpm	bm						
Jersey (St. Aubin)	29.47	50	S	3	cdpm	30.09	*	45	-4	S	2	ogme	2	Trace	52	40	3.3	c.ogp	ogpm	bc						
Portland Bill	29.91	49	S	4	c	30.07	+0.1	48	-1	SSE	1	uw	3	Trace	49	46	2.4	bc	bc	bc						
Dungeness	30.01	47	SSE	4	c	30.06	+0.1	45	0	-	0	f	3	Trace	48	43	0.0	cp	c	c						
Dever	30.03	45	S	2	r	30.11	*	41	-2	-	0	f	1	0.04	46	40	0.0	odp	o	o						
Wick	30.09	42	SSW	2	o	30.09	+0.1	40	0	N	2	bc	2	-	42	32	*	om	c	om						
Nairn	30.09	27	-	0	bc	30.04	*	30	+6	-	0	b	0	Trace	31	23	0.0	og	bc	bc						
Aberdeen	30.12	41	SE	2	o	30.01	-0.1	38	-1	WNW	4	c	4	Trace	42	38	0.0	odm	o	o						
Leith	30.08	41	E	2	o	30.02	-0.1	40	+4	WSW	1	odp	*	0.04	42	36	*	op	c	od						
North Shields	30.08	42	ESE	3	o	30.02	-0.1	37	-5	WNW	1	m	4	0.18	43	35	0.0	-	-	-						
Spurn Head	30.04	41	E	3	r	30.02	-0.1	42	+1	SSE	3	m	4	0.08	42	39	*	od	od	odm						
Yarmouth	30.07	42	ESE	3	o	30.06	-0.2	41	-1	SW	1	om	1	0.04	44	40	0.0	bm	bm	om						
Clacton-on-Sea	30.04	43	ESE	2	o	30.08	0.0	41	-2	W	2	f	1	0.05	44	40	0.0	ogp	ogp	ogpm						
Nottingham	30.01	42	NE	3	o	30.06	*	38	-1	SW	2	om	*	0.17	43	38	0.0	ot	r	opm						
Bath	29.96	48	SE	1	o	30.04	*	41	+2	E	1	o	*	0.03	49	37	0.3	o	o	-						
Oxford	30.03	45	E	2	o	30.12	*	39	+2	SW	1	odp	*	0.03	47	37	*	ofr	bc	bc						
London (Kew Obsy.)	30.03	45	SE	1	m	30.11	+0.1	44	+1	-	0	om	*	0.02	47	42	0.0	om	fm	om						
ICELAND & FAEROE.																										
Isafjord	30.12	38	-	0	c	30.02	-0.4	42	+2	SE	2	r	*	*	*	*	*	*	*	*						
Reykjavik	30.07	41	E	0	o	30.00	-0.4	41	+1	E	5	r	*	*	*	*	*	*	*	*						
Vestmanna	30.15	39	SE	3	o	30.10	-0.3	40	0	ESE	6	o	5	*	*	*	*	*	*	*						
Seydisfjord	30.30	33	-	0	o	30.17	-0.8	24	-9	-	0	b	*	*	*	*	*	*	*	*						
Thorshavn	30.14	37	N	2	c	30.14	-0.3	34	-5	NNW	1	c	*	*	*	*	*	*	*	*						
SCANDINAVIA.																										
Haparanda	30.02	10	N	4	o	29.93	-1.2	8	+5	NW	2	b	*	-	16	3	*	*	*	*						
Hernösand	30.13	13	-	0	b	29.95	-0.4	14	+4	-	0	o	*	-	16	10	*	*	*	*						
Stockholm	30.21	27	WSW	2	o	30.02	-0.3	29	+2	W	2	o	*	-	29	25	*	*	*	*						
Wisby	30.21	27	SE	4	bc	30.02	-0.6	25	+4	SSE	4	o	*	-	34	21	*	*	*	*						
Karlstad	30.21	20	NE	2	o	30.02	-0.8	16	-4	NW	2	o	*	-	21	16	*	*	*	*						
Færder (Xtania Fjord)	30.21	24	NNE	2	o	30.01	-0.6	22	-4	NNW	1	o	1	-	27	21	*	*	*	*						
Bodö	30.00	30	E	2	c	29.84	-0.3	32	+4	E	4	s	2	?	32	27	*	*	*	*						
Christiansund	30.07	39	SE	1	bc	29.81	-0.1	37	0	-	0	r	2	0.08	39	37	*	*	*	*						
Skudesnaes	30.21	30	-	0	b	30.00	-0.8	33	-1	SSE	4	s	2	?	34	28	*	*	*	*						
The Scau (Skagen)	30.16	30	-	0	b	30.03	-0.3	30	+1	-	0	o	0	-	32	23	*	*	*	*						
Blaavands Huk	30.14	21	NE	1	m	30.07	-0.4	20	+3	E	1	m	0	-	23	14	*	*	*	*						
GERMANY, &c.																										
Cuxhaven	30.13	25	E	1	bc	30.11	-0.1	23	+1	-	0	o	+	-	27	21	*	*	*	*						
The Helder	30.12	32	ESE	1	b	30.07	-0.4	31	0	SSE	1	o	1	-	34	27	*	*	*	*						
Brussels	30.11	39	WNW	2	b	30.12	-0.1	41	+6	SE	1	c	*	Trace	50	33	*	*	*	*						
Berlin	30.08	24	S	2	b	30.09	-0.3	26	+6	W	2	o	*	-	30	20	*	*	*	*						
Frankfurt	30.18	28	SE	1	f	30.19	-0.2	26	-2	SW	1	f	*	-	39	23	*	*	*	*						
Munich	30.25	27	E	1	bc	30.28	+0.1	24	+6	SW	2	f	*	-	30	18	*	*	*	*						
FRANCE.																										
C. Gris Nez	30.06	45	SSE	4	c	30.10	-0.0	45	+1	S	2	o	2	-	46	41	*	*	*	*						
La Hève	30.05	44	S	2	bc	30.12	*	37	-5	S	1	m	1	-	46	34	*	*	*	*						
Brest (St. Mathieu)	29.95	50	SW	4	b	30.06	+0.2	46	-4	ESE	3	b	5	-	52	45	*	*	*	*						
Lorient (Bec Melen)	29.96	50	SW	4	b	30.02	*	45	-6	E	3	bc	3	-	54	41	*	*	*	*						
Rochefort (Ile d' Aix)	30.07	48	SW	2	b	30.04	*	42	-5	SE	3	bc	*	0.04	52	41	*	*	*	*						
Biarritz	30.09	50	NE	2	b	30.01	*	47	+5	SE	3	c	4	-	59	42	*	*	*	*						
Paris	30.09	47	SE	2	o	30.14	-0.1	41	+3	-	0	f	*	-	48	37	*	*	*	*						
Belfort	30.22	33	E	4	m	30.22	*	33	+9	NE	4	c	*	-	42	24	*	*	*	*						
Lyons	30.20	41	NNE	1	bc	30.18	*	41																		

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 20th January.
















NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° or a trifle above it on many parts of our southern and south-western coasts; at some of our northern stations it did not reach 40°, and at rain it did not exceed 31°. Little or no bright sunshine was recorded over the country generally, but at Jersey

nearly 3½ hours were registered. Rain fell in all but our extreme western and northern coasts. Wireless reports show that between the 15th and 27th meridians ships experienced northerly and north-westerly winds, and that between the 17th and 23rd meridians they were strong to a gale in force.

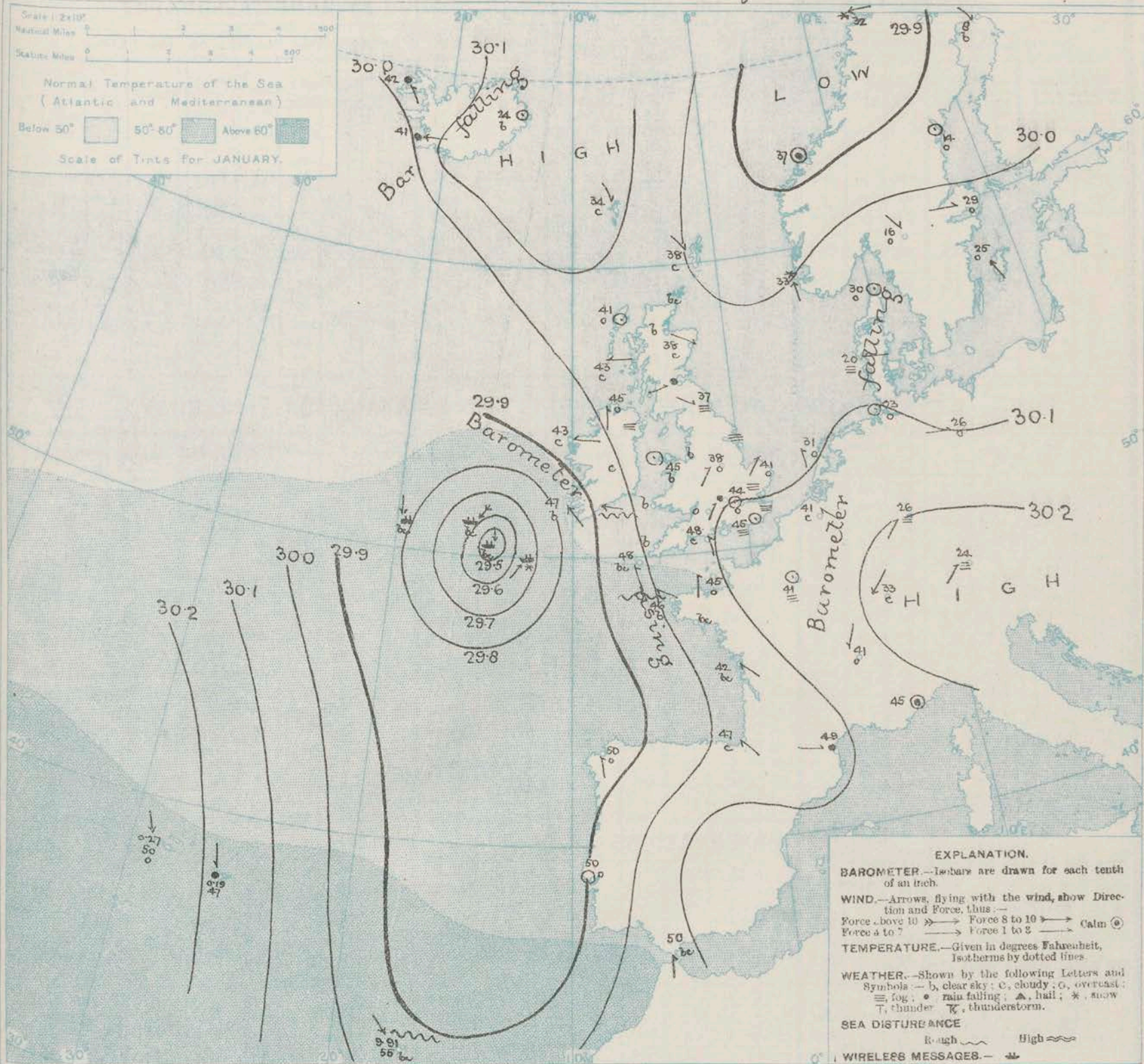
WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

0	<div>a</div> <div>b</div>	<div>FORECAST DISTRICTS</div> <div></div> <div>The Coasts upon which the Warning Signals are at present displayed are indicated thus:—</div> <table><tr><td>Signals hoisted yesterday</td><td>Signals hoisted this morning</td></tr><tr><td>South Cone </td><td>South Cone </td></tr><tr><td>North Cone </td><td>North Cone </td></tr></table> <div>No Warnings Issued.</div>	Signals hoisted yesterday	Signals hoisted this morning	South Cone 	South Cone 	North Cone 	North Cone 	6	<div>a</div> <div>b</div>
Signals hoisted yesterday	Signals hoisted this morning									
South Cone 	South Cone 									
North Cone 	North Cone 									
1			7	<div>a</div> <div>b</div>						
2	<div>a</div> <div>b</div>	8	<div>a</div> <div>b</div>							
3		9	<div>a</div> <div>b</div>							
4	<div>a</div> <div>b</div>	10	<div>a</div> <div>b</div>							
5		11	WESTERN CHANNEL AND BAY.							

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Sunday, 21st JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression recently noticed over Northern Europe has entirely given way. Pressure is now highest over South Germany and the Azores region but is also high in an area lying between Iceland and the Faeröe. A shallow area of low readings exists over Northern Scandinavia, and wireless reports show that a rather deep cyclonic system is centred in about 50° N 15° W.

The wind is light to moderate from the southward or South-Eastward over England, Ireland and the North and West of France, but has shifted to the North-Westward on our north-east coasts. Variable air prevails in Scandinavia, Denmark and Germany.

Temperature has changed rather irregularly. Over the United Kingdom the morning readings range from a little above 45° on our southern and south-western coasts to 35° at Liverpool, and 30° at Harwich. Sharp frost prevails in Scandinavia, Denmark and Germany. The weather is fine over the Bay of Biscay and our south-western coasts as well as in the north of Scotland, but cloudy or dull elsewhere, with mist or fog in many places, and rain and snow in the west of Norway. Rain is also falling in the South of France. The sea is slight or smooth generally, but rather rough at Rock Point, and also off Southern Ireland.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

DAILY WEATHER REPORT.

January 21st, 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.			
	Lat. N.	Long. W.		Lat. N.	Long. W.			Direc.	Force.		Direc.	Force.		Air.		Sea.	
														Dry Bulb.	Wet Bulb.		
	•	•	In.	Direc.	Force.		•	•	In.	Direc.	Force.		•	•	•		
20 January 3 p.m.	51	21	29.86	N	8-9	<u>Ivernia</u>	20 January 6 p.m.	51	19	29.84	NW	8-9	0	-	-	-	
" " 3 p.m.	50	24	30.04	NNW	10-11	<u>Cymric</u>	" " 6 p.m.	50	23	30.01	NNW	10-11	c	-	-	-	
" " 4 a.m.	50	28	29.94	N	1-3	"	" " 7 a.m.	50	27	29.99	N	1-3	bc.	-	-	-	
" " 4 a.m.	50	25	30.05	WNW	4-5	<u>Ivernia</u>	" " 7 a.m.	50	24	29.99	NNW	1-3	b	-	-	-	

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.				Hrs.	In.	Brighton, to 6 p.m.				Hrs.	In.
Dublin (City), to 4 p.m.	47	43	o.g.roc	0.0	0.09	Seaford, to 6 p.m.	50	42	o.b.c.	1.5	0.02
Blackpool, to 9 p.m.	44	29	o.c	0.1	-	Eastbourne, to 6 p.m.			*		
Southport, to 9 p.m.	41	31	o.b.c.	0.0	-	Bexhill-on-Sea, to 9 p.m.	47	43	o.c	0.7	0.05
Rhyl, to 6 p.m.	44	41	o	0.2	-	Hastings	*	*	*	0.6	*
Colwyn Bay, to 6 p.m.	42	33	bc.c	0.0	-	Folkestone, to 6 p.m.	46	42	nd.b.c.	0.3	0.06
Llandudno, to 9 p.m.	44	36	b.o	0.0	-	Deal, to 6 p.m.	45	43	om.b.c.	0.2	0.04
Bettws-y-Coed, to 6 p.m.						Ramsgate, to 6 p.m.	*	*	*	0.3	-
Aberystwyth, to 6 p.m.	47	35	*	2.0	-	Margate, to 6 p.m.	40	41	o.b	0.3	-
Plymouth, to 9 p.m.	50	48	o.g.c.p.c	0.0	0.02	Felixstowe, to 6 p.m.	44	39	*	0.0	0.03
Paignton, to 6 p.m.	50	47	o.b.c.	0.3	0.05	Lowestoft, to 6 p.m.					
Torquay, to 6 p.m.			*			Skegness, to 6 p.m.	42	40	r.p.c. br	0.0	0.32
Teignmouth, to 9 p.m.	50	46	c.c.p.c	0.3	0.03	Scarborough, to 9 p.m.	42	34	of	0.0	0.20
Weymouth, to 6 p.m.	51	45	bc.c	2.4	0.01	Harrogate, to 6 p.m.	36	31	o.r.m	0.0	0.44
Bournemouth, to 6 p.m.	52	35	c.o	2.0	0.01	Buxton, to 6 p.m.	38	30	om. om	0.0	0.23
Southsea, to 6 p.m.	50	37	*		-	Darwen, to 9 p.m.	42	29	b.c.o.r.u	0.0	0.23
Worthing, to 6 p.m.			o.b.o	1.6	-	Manchester, to 9 p.m.	46	36	c.op.o	0.0	0.15
Barnstaple, to 6 p.m.	42	33	o	0.0	-	Birmingham, to 9 p.m.	40	34	om.f.o	0.0	0.19

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.			
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				21st Dec. 31st Jan. 1912.	Sunrise	Noon	Sun
24 HOURS ENDED AT 9 A.M. TO-DAY.											
Greenwich (Royal Obs.) ...	% 85	% 96	48	41	o.b. ap	in.	Hrs. 0.6		G.M.T.	G.M.T.	G.M.T.
City (Rush Hill Row) ...	% 8	% 8	48	4	%	%	0.0	Yarmouth	{ 7.52	12.4	4.16
Westminster (St. James's Pk.)	83	98	48	43	b.c.m.e	—	0.0	{ 7.51	12.5	4.18	
Camden Sq. (Brit. Rainfall)	93	100	47	42	od.o	0.01	0.0	Greenwich	{ 7.55	12.11	4.27
Hampstead (Reservoir) ...	8	100	43	36	om.b.m. om	0.01	0.0	{ 7.54	12.12	4.24	
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Wick	{ 8.42	12.23	4.5
South Kensington ...	8	8	48	43	{ om. o. cm. m } {	0.08	0.0	Valencia...	{ 8.40	12.24	4.1
" (Roof of M.O.)	80	98	48	43				{ 8.38	12.52	5.8	
								{ 8.37	12.53	5.8	

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
	In.	*	*			In	*	*	
Malaga		Not received.			Rome	0.08	55	46	o.r
Marseilles	-	54	50	c. o	Vienna	-	23	12	b. b
Malta	1.14	61	54	- r	Utrecht	-	27	28	bc. m
Algiers	0.24	57	46	c. bc	Zürich	-	*	*	bc. m
Tunis	-	64	41	c. o	Geneva	-	*	*	o. o
Palermo	0.08	59	55	c. o	Lugano	0.02	*	*	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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hear frost; z. dust-haze, or smoke.

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

1912.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday

22nd January 1912.

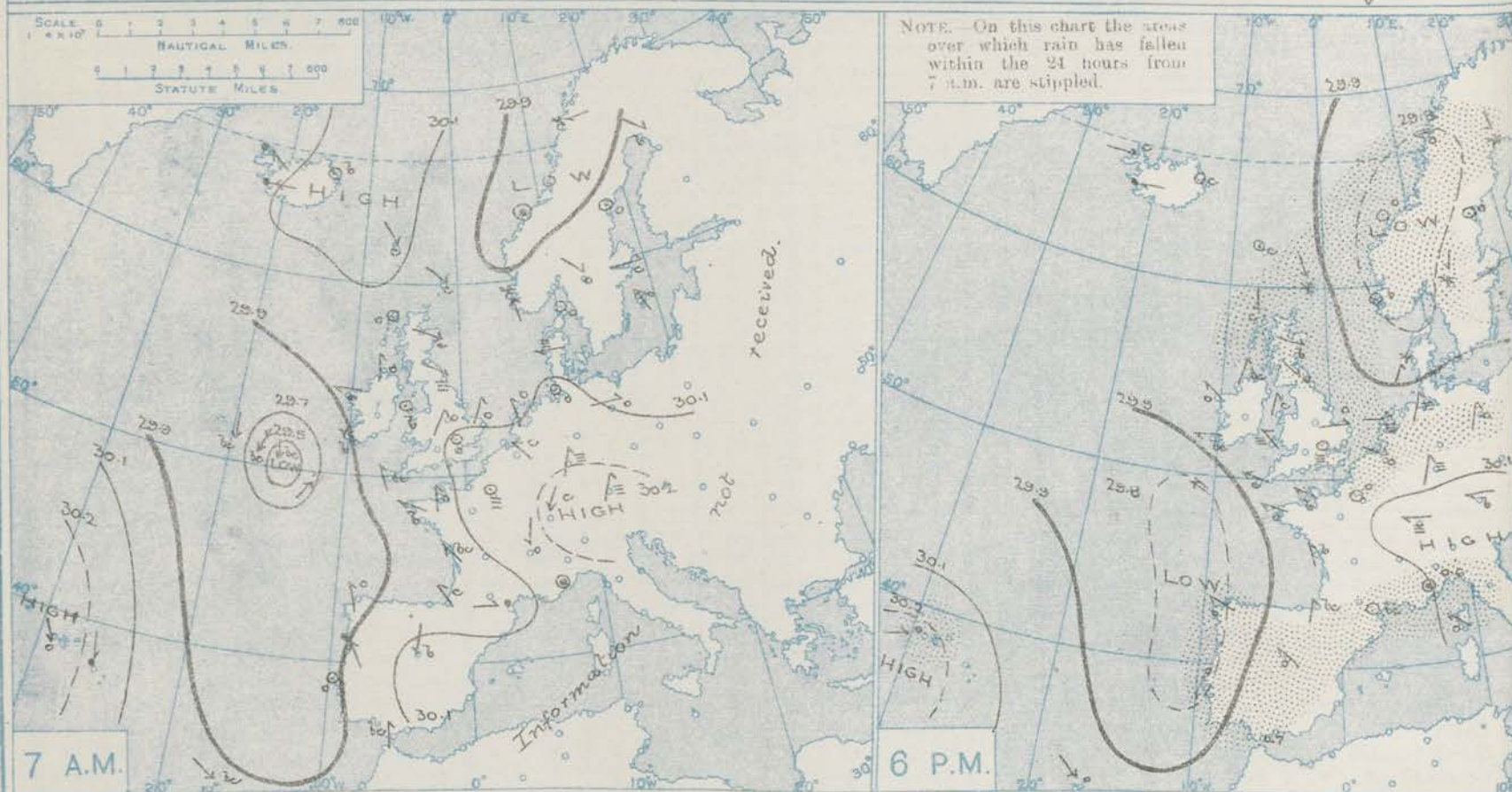
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 3).	TEMP.		Sun-shine.	WEATHER.						
	At 82° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	At 82° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Weather.		Rain-fall.	Max.		Min.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.			
BRITISH ISLANDS.	Lerwick ...	In. 29.95	33	NNW	2	bcsp	In. 29.84	-0.2	35	-3	NNW	3	5	3	In. 0.02	38	32	*	bc	bcsp	bc		
	Stornoway ...	30.08	38	N	1	c	29.99	-0.3	35	-6	NNW	2	bc	2	0.03	41	33	1.5	cp	bcsp	bc		
	Castlebay (Barra Isd.)	30.04	41	N	2	bc	29.98	-0.3	39	-4	NNE	1	b	2	-	45	36	2.3	c	c.bc	bc.b		
	Malin Head...	30.01	42	SW	1	bcsm	29.93	-0.3	40	-3	NNE	3	og	2	0.02	47	37	*	bcpm	bcsm	bcsm		
	Blacksod Point	30.00	44	SE	1	o	29.91	-0.1	37	-6	NNE	1	o	2	-	47	33	*	bc	o	bc		
	Valencia ...	29.93	49	E	3	bc	29.82	-0.4	44	-3	E	3	b	4	0.03	50	42	0.0	bc	bc	bc		
	Roche's Point	29.99	47	SE	3	c	29.86	*	44	-3	E	3	o	4	0.01	50	41	*	bc	m.c	c.b.o		
	Birr Castle ...	30.01	42	SSE	1	bc	29.91	*	37	-1	S	1	o	*	-	49	35	3.1	bc	bc	o		
	Donaghadee	30.04	38	SW	1	m	29.94	-0.4	34	-10	SSW	1	b	1	-	45	31	*	bcg	bcf	bc		
	Liverpool Obsy.	30.06	42	SW	2	c	29.94	-0.3	32	-3	SE	1	o	1	-	45	30	5.3	bm	bc	c		
	Holyhead ...	30.07	45	SSW	1	cm	29.91	-0.2	38	-7	-	0	f	1	-	49	37	*	m.c	cm	f.cw		
	Pembroke (St. Ann's Hd.)	30.03	41	SE	2	f	29.89	-0.2	40	-6	ESE	3	om	4	Trace	47	33	0.9	bm	om	f.cw		
	Newquay ...	29.98	44	SE	2	b	29.79	-0.4	44	+4	E	4	bc	2	-	50	40	5.9	bm.bv	bc	b.b		
	Scilly (St. Mary's)	29.94	40	ESE	4	cm	29.76	-0.4	48	0	E	5	om	5	-	51	46	1.4	bcsm	cm	cm		
	Jersey (St. Aubin)	30.03	47	ESE	3	bm	29.85	-0.5	43	-2	E	4	moge	3	Trace	50	42	5.1	bcsm	bc	bc.c.o		
	Portland Bill	30.05	46	ESE	3	bc	29.88	-0.5	44	-4	ENE	4	o	3	-	48	43	0.0	bc.f.o	c.b.c	bc.c.o		
	Dungeness ...	30.06	41	NNW	1	fe	29.91	-0.3	44	-1	SE	4	c	3	-	45	40	0.0	fe	fe	fe.c		
	Dover ...	30.09	40	-	0	f	29.96	*	40	-1	-	0	m	3	0.01	43	39	0.0	of	of	of.om		
	Wick ...	30.01	35	N	1	bc	29.91	*	33	-7	N	3	c	3	0.05	41	32	*	c.bc	bc	b.c.p.c		
	Nairn ...	30.03	34	-	0	c	29.95	*	32	+2	W	1	c	1	0.02	35	28	0.7	bcg	c	c		
	Aberdeen ...	30.02	36	WNW	2	b	29.92	-0.3	33	-5	WNW	3	bc	2	0.03	42	33	1.9	c.b	bc.b	bc.csp		
	Leith ...	30.05	40	SE	1	o	29.94	-0.2	38	-2	N	1	o	*	0.12	41	38	*	o	o	o		
	North Shields	30.03	40	NW	1	r	29.92	-0.2	37	0	WNW	2	o	3	0.21	43	34	0.0	o	r	r		
	Spurn Head ...	30.00	41	W	3	m	29.90	-0.1	35	-7	WSW	3	f	3	Trace	42	33	*	bcsm	bcsm	bm.b		
Yarmouth ...	30.05	41	W	2	o	29.95	-0.4	33	-8	W	1	of	1	-	43	32	0.0	om	om	of			
Clacton-on-Sea	30.08	41	WNW	2	o	29.95	-0.5	37	-4	W	1	o	0	-	43	36	0.0	of.gm	ogm	ogm			
Nottingham...	30.06	35	WSW	3	f	29.95	*	30	-8	WSW	2	f	*	0.01	39	29	0.0	def	fe	fe			
Bath ...	30.03	39	ENE	1	f	29.94	*	36	-5	ENE	1	o	*	-	46	35	0.0	-	-	-			
Oxford ...	30.07	37	-	0	o	29.97	*	33	-6	-	0	ofdg	*	0.02	39	32	*	ofdg	ofdg	ofdg			
London (Kew Obsy.)	30.09	40	-	0	me	29.96	-0.4	37	-7	SSE	1	ofe	*	0.01	44	37	0.0	ofdg	om.me	ome.ofe			
ICELAND & FAEROE.	Isafjord...	29.99	36	W	3	c	29.84	-0.9	31	-11	-	0	b	*	*	*	*	*	*	*			
	Reykjavik ...	29.92	41	R	1	r	29.78	-0.0	40	-1	E	3	r	*	*	*	*	*	*	*			
	Vestmanna ...	29.99	42	SE	3	r	29.89	-0.1	43	+3	S	1	c	2	*	*	*	*	*	*			
	Seydisfjord ...	30.04	26	-	0	c	29.89	-0.1	28	+4	-	0	b	*	*	*	*	*	*	*			
Thorshavn ...	30.08	32	-	0	c	29.98	-0.2	31	-3	NNW	2	c	*	*	*	*	*	*	*	*			
SCANDINAVIA.	Haparanda ...	29.89	19	N	2	S	29.87	-0.2	20	+12	N	2	o	*	0.04	20	8	*	*	*	*		
	Hernösand ...	29.83	23	-	0	o	29.79	-0.1	27	+13	N	4	o	*	-	27	9	*	*	*	*		
	Stockholm ...	29.85	25	WSW	2	o	29.76	-0.2	22	-7	WSW	2	o	*	0.04	30	21	*	*	*	*		
	Wisby ...	29.86	29	SSE	4	o	29.76	-0.1	29	+6	SW	4	S	*	0.04	30	23	*	*	*	*		
	Karlstad ...	29.83	21	NNE	2	S	29.74	-0.0	18	+2	N	2	o	*	0.08	23	16	*	*	*	*		
	Færder (X'tania Fjord)	29.77	21	N	4	o	29.74	-0.0	22	-0	N	2	o	1	?	25	19	*	*	*	*		
	Bodö ...	29.80	31	E	2	o	29.83	-0.0	26	-6	E	2	b	1	?	34	23	*	*	*	*		
	Christiansund	29.73	35	-	0	b	29.74	+0.1	33	-4	ESE	1	b	2	0.08	37	32	*	*	*	*		
Skudesnaes ..	29.80	31	-	0	b	29.67	-0.6	34	+1	NW	4	r	3	0.20	36	30	*	*	*	*			
The Scaw (Skagen)...	29.82	28	WSW	3	o	29.73	-0.1	29	-1	W	3	bc	1	0.08	30	25	*	*	*	*			
Blaavands Huk ...	29.86	32	SW	1	S	29.86	-0.1	32	+12	W	1	c	1	0.20	34	18	*	*	*	*			
GERMANY, &c.	Cuxhaven ...	29.93	33	SW	1	f	29.91	+0.1	34	+11	SW	1	f	*	-	36	23	*	*	*	*		
	The Helder ...	30.01	39	W	3	m	29.95	-0.2	40	+9	SW	1	o	2	0.04	41	31	*	*	*	*		
	Brussels ...	30.08	41	WNW	1	o	29.98	-0.3	37	-4	SE	1	f	*	Trace	44	37	*	*	*	*		
	Berlin ...	30.01	29	SW	1	c	29.97	-0.0	37	+11	SW	2	o	*	Trace	?	?	*	*	*	*		
	Frankfurt ...	30.08	32	SW	1	f	30.01	-0.2	35	+9	-	0	f	*	-	36	26	*	*	*	*		
	Munich ...	30.16	29	E	2	b	30.11	-0.2	26	+2	E	2	f	*	-	34	23	*	*	*	*		
FRANCE.	C. Gris Nez...	30.09	44	-	0	m	29.96	-0.3	41	-4	E	3	o	2	-	48	41	*	*	*	*		
	La Hève ...	30.06	39	E	1	m	29.90	*	38	+1	E	2	f	1	0.04	43	34	*	*	*	*		
	Brest (St. Matheu) ...	29.96	48	ESE	3	o	29.73	-0.6	47	+1	ESE	4	c	5	-	54	45	*	*	*	*		
	Lorient (Bec Melen)...	29.95	47	ESE	4	o	29.72	*	47	+2	ESE	4	o	5	-	50	43	*	*	*	*		
	Rocheport (Ile d' Aix) ...	29.99	47	SSE	3	b	29.77	*	43	+1	SSE	3	o	*	-	52	41	*	*	*	*		
	Biarritz ...	29.96	57	SSW	3	bc	29.80	*	56	+9	SE	1	o	4	-	59	45	*	*	*	*		
SPAIN, PORTUGAL, &c.	Paris ...	30.08	43	SSE	1	o	29.95	-0.3	42	+1	ENE	2	o	*	Trace	45	40	*	*	*	*		
	Belfort ...	30.12	37	E	3	m	30.05	*	36	+3	E	2	o	*	-	42	32	*	*	*	*		
	Lyons ...	30.11	44	N	1	r	30.01	*	41	0	SSE	1	o	*	-	47	41	*	*	*	*		
	Nice ...	30.10	46	-	0	r	30.10	-0.0	44	-1	-	0	r	3	0.55	50	45	*	*	*	*		
	Perpignan ...	30.00	50	-	0	bc	29.88	-0.4	44	-5	W	1	c	*	0.35	55	43	*	*	*	*		
	Sanguinaire ...	30.13	51	SE	3	o	30.10	*	52	-	SE	3	c	3	0.32	55	43	*	*	*	*		
Corunna (8 a.m.) ...	29.79	52	SE	3	o	29.67	-0.4	46	-4	SSE	3	o	5	0.12	54	41	*	*	*	*			
Lisbon (9 a.m.) ...	29.78	47	SSW	3	o	29.81	+0.3	47	-3	S	1	o	6	0.43	52	46	*	*	*	*			
Gibraltar ...	29.89	53	SE																				

* Information for these columns not usually received.

† Received too late for insertion in Charts.

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to about 50° at some places in the extreme south-west and west of these islands, but remained below 40° at some stations in central England, and only touched 35° at Baim. At night the thermometer fell to 28° at Baim, and to 28° at Nottingham.

Slight rain has occurred in various parts of these islands, and except in the west of Great Britain there has been little or no bright sunshine.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON MONDAY

TO NOON TUESDAY.

- 0 { a Wind light and Variable, then S. or S.E.; some mist or fog, otherwise fair; rather cold.
b
- 1 { a
b
- 2 { a
b
- 3 { a
b
- 4 { a generally dull, with much mist and fog; then fairer, but finally becoming rainy; temperature rather low,
b
- 5 { a
b milder tomorrow.

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 Warning issued	

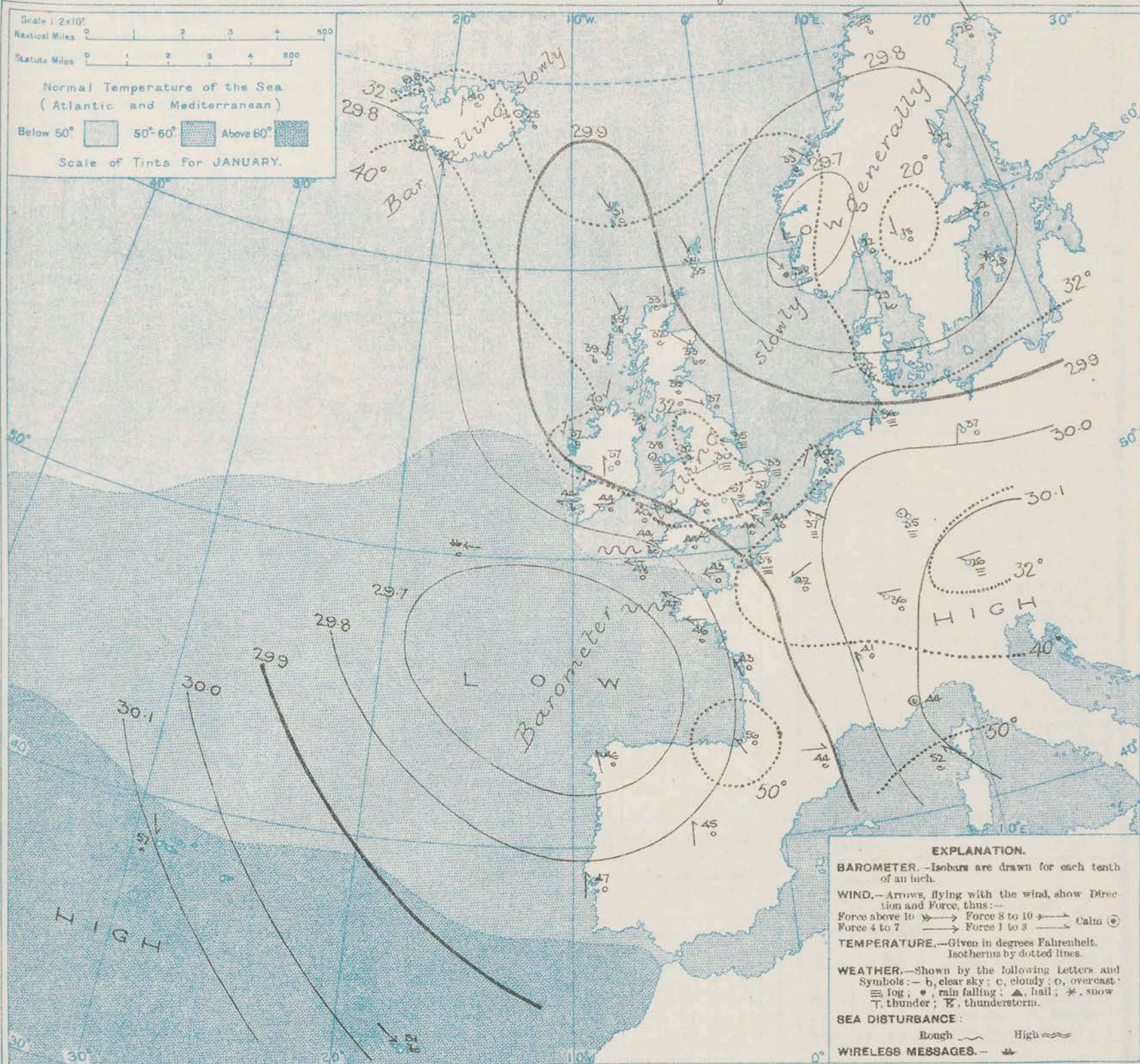
- 6 { a Same as Nos. 0 to 2.
b
- 7 { a
b Same as Nos. 3 to 5.
- 8 { a Wind increasing from between E. and S.E.; dull, with some mist, then becoming rainy; moderate temperature.
b
- 9 { a Wind mainly from some E. point, light or moderate; variable weather, some mist, rain locally; rather low to
b
- 10 { a moderate temperature.
b

THE FURTHER OUTLOOK.

11 WESTERN CHANNEL AND BAY.

Wind increasing from the E.; sea rather rough or moderate; a good deal of mist or fog, rain at times.

SYNOPTIC CHART FOR 7 A.M. Monday 22nd JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is below 29.7 in. in a depression over the south of Norway, and also in another system over the Bay of Biscay and the northwest of Spain, while it is above 30.1 in. in Bavaria, Northern Italy, and the southeast of France, and relatively high in a ridge extending thence to beyond Scotland.

The wind is light to fresh from the E. in the south-west of these islands, and light or moderate from the north-westward over the North Sea, while in the intervening region it is light and variable. The cyclonic circulation in connexion with the Norwegian depression has little force. Temperature

has fallen in almost all parts of the United Kingdom, risen in Germany. In several parts of central and Northern England the reading is above 32° or a little lower, and similar values are reported in the north-east of Scotland. In the extreme south-west of the Kingdom the temperature increases to 48°. Over these islands generally and at most continental stations the sky is very cloudy or overcast, and much mist or fog prevails in England, the northeast of France, Belgium and Germany. Snow is falling in Shetland and Gotland, and rain at Stadenes and Thise as well as in the southwest of Iceland.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The anticyclonic ridge over the United Kingdom is likely to disperse or move away in an easterly direction,

while the low pressure system to the south-westward of these islands will expand both eastward and northward.

DAILY WEATHER REPORT.

Monday, 22nd January, 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.		
	Lat. N.	Long. W.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.	Wet Bulb.	Sea.
22 January 11 a.m.	52	13	29.74	SSE	4-5	Laeonia	22 January 7 a.m.	50	15	29.72	E	4-5	c	-	-	-
" " 3 p.m.	49	11	29.77	ESE	6-7	Minnitanka	" " 7 p.m.	49	10	29.79	ESE	6-7	c	-	-	-
" " 4 a.m.	49	15	29.55	NW	1-3	"	" " 7 a.m.	49	12	29.52	SW	6-7	?s	-	-	-
" " 4 a.m.	51	13	29.41	N	6-7	Beltic	" " 7 a.m.	50	16	29.48	N	6-7	bc	-	-	-
" " 4 a.m.	51	20	29.86	N	6-7	Symie	" " 7 a.m.	51	19	29.81	N	4-5	bc	-	-	-
" " 4 a.m.	51	17	29.71	NE	8-9	Dernia	" " 7 a.m.	51	16	29.66	NE	8-9	bc	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.	46	26	c. bc	0.0	0.01	Brighton, to 6 p.m.	44	42	*	0.0	0.02
Dublin (City), to 4 p.m.	44	36	or. by f.	*	0.05	Seaford, to 6 p.m.	47	39	*	0.0	-
Blackpool, to 9 p.m.	46	34	m. r. m.	2.2	0.02	Eastbourne, to 6 p.m.	49	40	f. o	0.0	-
Southport, to 9 p.m.	46	33	m. c. bc	4.0	0.05	Bexhill-on-Sea, to 9 p.m.	43	42	f	0.0	-
Rhyl, to 6 p.m.	50	35	c. c. bc	7.0	-	Hastings ...	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	51	40	bc	6.8	-	Folkestone, to 6 p.m.	47	39	c. o. m.	0.0	-
Llandudno, to 9 p.m.	49	38	o. b.	6.3	-	Deal, to 6 p.m.	46	39	m. bc. m. f.	0.6	-
Bettws-y-Coed, to 6 p.m.	51	38	*	7.0	-	Ramsgate, to 6 p.m.	*	*	*	0.0	-
Aberystwyth, to 6 p.m.	51	38	*	7.0	-	Margate, to 6 p.m.	43	41	f	0.0	-
Plymouth, to 9 p.m.	49	35	bc. f. m.	0.3	-	Felixstowe, to 6 p.m.	44	40	c. o. c	0.0	0.04
Paignton, to 6 p.m.	50	39	*	0.2	0.02	Lowestoft, to 6 p.m.	42	38	r. m. f.	0.0	0.13
Torquay, to 6 p.m.	49	37	f. c. b. f. c.	0.2	-	Skegness, to 6 p.m.	46	40	*	0.5	-
Teignmouth, to 9 p.m.	45	40	m. c. o	0.0	-	Scarborough, to 9 p.m.	45	34	or. c. bc. b.	3.8	0.06
Weymouth, to 6 p.m.	45	34	f	0.0	0.02	Harrogate, to 6 p.m.	42	39	b. c.	0.0	0.17
Bournemouth, to 6 p.m.	47	37	*	0.0	-	Buxton, to 6 p.m.	39	37	op. m. c. o.	0.0	0.01
Southsea, to 6 p.m.	43	40	m	0.0	0.01	Darwen, to 9 p.m.	42	31	c. f.	3.1	0.01
Worthing, to 6 p.m.	43	40	m	0.0	0.01	Manchester, to 9 p.m.	39	37	op. m. c. o.	0.0	0.01
						Birmingham, to 9 p.m.	42	31	c. f.	3.1	0.01

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.		
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				22nd Jan. 1912.	Sunrise	Noon
	%	%								
Greenwich (Royal Obs.)	99	100	44	36	o. m. g.	1a.	0.0	Yarmouth	7.51	12.5
City (Runhill Row)	*	*	44	37	m. f.	*	0.0	Greenwich	7.50	12.5
Westminster (St. James's Pk.)	97	98	43	37	o. agm	-	0.0	Wick	7.54	12.12
Camden Sq. (Brit. Rainfall)	97	99	43	36	of. ofc	0.01	0.0	Valencia	7.53	12.12
Hampstead (Reservoir)	97	100	43	36	of. ofc	0.01	0.0		8.40	12.24
									8.39	12.24
South Kensington	97	97	47	41	om. o. agm	0.01	0.0		8.37	12.53
" (Roof of M.O.)	97	97	47	43	om. o. agm	*	0.0		8.36	12.53

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	In.	*	*		Rome	In.	*	*	
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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

1912.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,
23rd January, 1912.

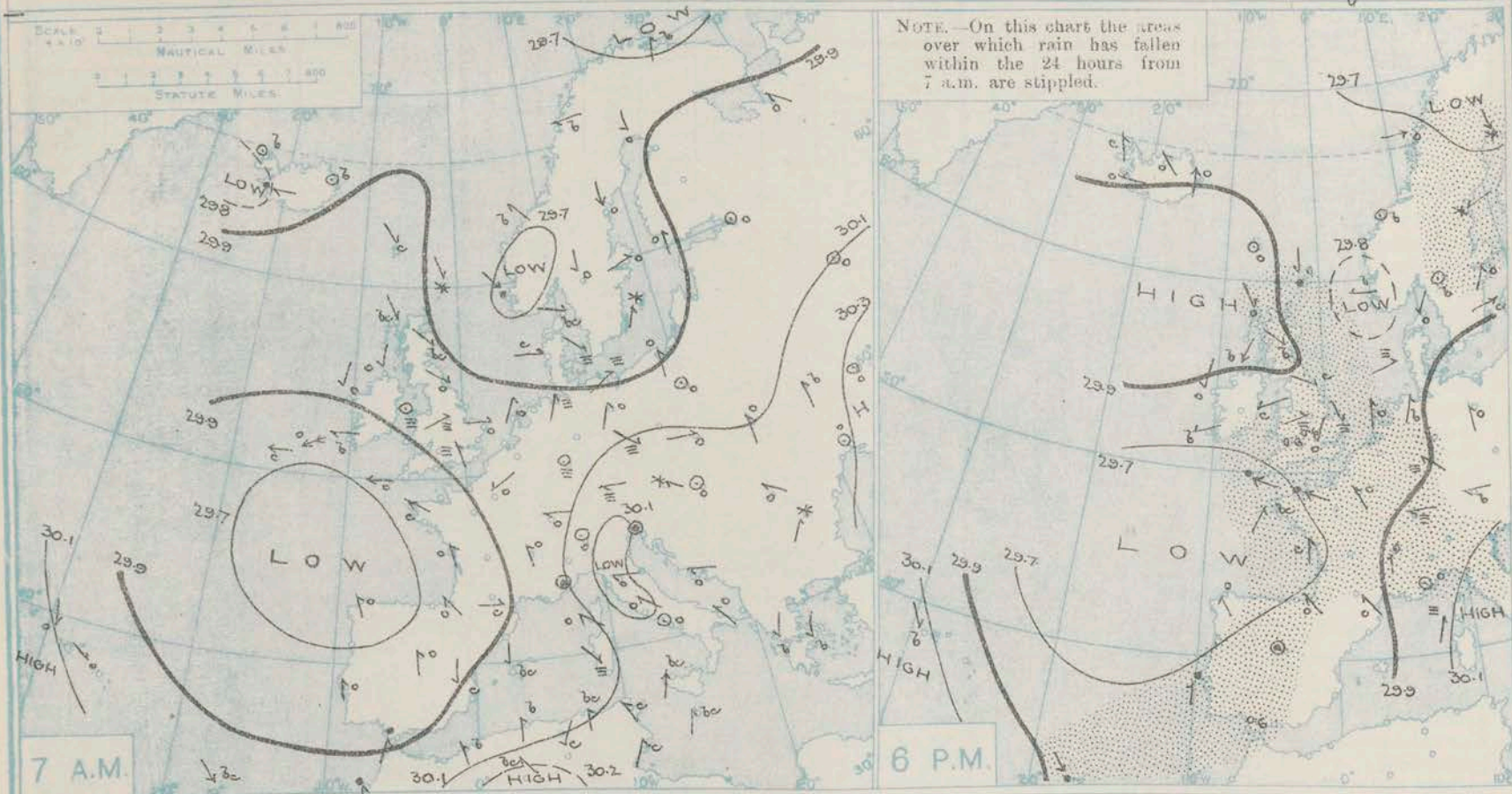
STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						
	Barom.	Temp.	Wind.	Force	Weather.	Barometer.	Temp.	Wind.	Force	Weather.	Sea	Rain-fall.	Temp.			Weather.						
													At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac.	Max.	Min.	Sun-shine.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	
BRITISH ISLANDS.																						
Lerwick	29.83	39	N	3	bcp	29.90	+0.2	38	+3	N	1	b	1	0.03	40	33	*	bc	bcp	bcp		
Stornoway	29.96	35	NNW	2	c	29.99	+0.1	36	+1	N	2	b	2	0.04	38	31	0.9	bc.cdp	cdp	bcp		
Castlebay (Barra Isd.)	29.95	40	N	2	o	29.98	-0.0	37	-2	ESE	1	b	1	-	41	36	0.0	c	c.bc	bc.b		
Malin Head	29.90	39	NE	4	b	29.89	-0.0	37	-3	NE	4	b	3	-	41	33	*	bcv	bcv x	bcvx		
Blackod Point	29.89	40	NNE	2	o	29.84	-0.1	39	+2	NNE	2	o	3	-	41	35	*	f	om	bc		
Valencia	29.79	42	ENE	2	b	29.75	-0.1	37	-7	NE	3	c	4	-	47	36	6.9	b	b	bc		
Roche's Point	29.78	42	NE	2	b	29.73	*	37	-7	NE	3	o	3	0.01	45	37	*	c	c.b	b.o		
Birr Castle	29.83	39	NE	1	o	29.78	*	31	-6	NE	2	o	*	-	42	31	0.1	c	o	o		
Donaghadee	29.88	40	NNE	3	o	29.86	-0.0	38	+4	NNE	5	c	4	-	41	34	*	cgm	bcgm	bc		
Liverpool Obsy.	29.84	30	SE	1	o	29.82	-0.0	35	+3	E	3	o	1	-	38	28	3.5	bm	cm	o		
Holyhead	29.83	43	ENE	2	cm	29.82	-0.0	38	o	E	5	c	4	Trace	45	36	*	f.dp	cm	cm		
Pembroke (St. Ann's Hd.)	29.75	40	ENE	4	o	29.66	-0.1	36	-4	NE	4	rs	4	0.20	41	35	0.0	om	ogm	om		
Newquay	29.64	45	E	3	o	29.59	-0.1	43	-1	SE	1	of	1	0.15	46	40	0.0	o	o	r.o.f		
Scilly (St. Mary's)	29.61	47	ESE	6	or	29.58	-0.4	46	-2	ESE	2	or	2	0.22	49	44	0.0	cm	or	cm.r		
Jersey (St. Aubin)	29.70	45	ESE	4	orgm	29.65	*	46	+3	S	3	cgm	3	0.16	46	42	0.0	orgm	orgm	orgm		
Portland Bill	29.72	44	E	5	o	29.63	-0.2	45	+1	ENE	3	c	4	0.13	45	39	0.0	og	og	or.c		
Dungeness	29.76	42	E	4	om	29.68	-0.1	44	o	E	3	o	4	Trace	45	42	0.0	c	og	og.r.o		
Dover	29.82	41	ENE	3	o	29.72	*	41	+1	E	2	m	3	0.02	42	39	0.0	om	o	or.p.o		
Wick	29.88	32	NNW	2	b	29.94	+0.3	32	-1	NW	2	b	2	0.05	35	30	*	bcp	bc	bcx		
Nairn	29.92	31	-	o	b	29.95	*	31	-1	-	o	c	1	0.01	35	27	0.4	c	b	s.c		
Aberdeen	29.89	33	WNW	3	b	29.93	+0.2	33	o	WNW	4	b	2	Trace	36	31	5.2	bc.b	b.bcb	b.bcp.		
Leith	29.92	38	-	o	o	29.92	+0.1	32	-6	W	1	s	4	0.01	39	32	*	c	c.o	o		
North Shields	29.89	37	WNW	1	c	29.90	-0.0	33	-4	NNW	2	c	3	Trace	40	31	0.0	-	-	c.h		
Spurn Head	29.83	40	ESE	1	f	29.82	-0.0	40	+5	E	5	c	4	Trace	40	34	*	cm	f	f.c		
Yarmouth	29.86	34	SW	1	fo	29.78	-0.1	40	+7	NE	3	o	2	0.12	40	32	0.0	of	of	of		
Clacton-on-Sea	29.82	37	NNW	2	f	29.74	-0.2	42	+5	ENE	3	r	2	0.06	42	36	0.0	ogm	ogm.f	of.d.r		
Nottingham	29.85	33	WSW	2	f	29.80	*	37	+7	NE	4	o	*	0.01	37	29	0.0	fe	fe	fe		
Bath	29.79	37	ENE	2	o	29.70	*	35	-1	ENE	1	o	*	0.62	37	34	0.0	o	o	-		
Oxford	29.81	35	ENE	2	o	29.75	*	34	+1	NE	2	o	*	0.57	36	32	*	of.d.og	of	of.r		
London (Kew Obsy.)	29.80	41	NE	2	om	29.72	-0.2	40	+3	NE	2	om	*	0.19	42	37	0.0	of.e.of	of.om	ogm.r		
Isafjord	29.82	39	SSE	2	c	29.93	-0.0	33	+2	-	o	s	*	*	*	*	*	*	*	*		
Reykjavik	29.90	38	E	3	o	29.90	-0.0	31	-9	-	o	b	3	*	*	*	*	*	*	*		
Vestmanna	29.90	39	NNW	2	o	29.94	-0.3	34	-9	-	o	bc	*	*	*	*	*	*	*	*		
Seydisfjord	29.88	42	S	3	o	29.86	-0.1	34	+6	-	o	c	*	*	*	*	*	*	*	*		
Thorshavn	29.99	32	-	o	o	29.96	-0.6	39	+8	NW	3	o	*	*	*	*	*	*	*	*		
Haparanda	29.69	23	N	6	s	29.40	-0.28	18	-2	N	4	s	*	Trace	23	5	*	*	*	*		
Hernösand	29.82	27	ENE	2	s	29.68	-0.06	16	-11	-	o	b	*	0.55	30	14	*	*	*	*		
Stockholm	29.76	28	SW	2	o	29.78	-0.1	17	-5	W	2	o	*	0.04	28	16	*	*	*	*		
Wisby	29.81	33	WSW	4	c	29.76	-0.04	33	+4	WSW	4	o	*	-	34	28	*	*	*	*		
Karlstad	29.81	12	-	o	b	29.82	-0.0	17	-1	-	o	c	*	Trace	21	7	*	*	*	*		
Færder (Xtania Fjord)	29.83	24	N	2	o	29.85	+0.1	22	o	NNW	1	c	1	-	24	16	*	*	*	*		
Bodö	29.71	34	W	4	o	29.49	-0.2	35	+9	N	2	o	2	0.12	35	23	*	*	*	*		
Christiansund	29.82	29	-	o	b	29.82	-0.1	34	+1	-	o	c	2	-	34	27	*	*	*	*		
Skudesnaes	29.74	35	E	2	b	29.87	+0.2	33	-1	NW	2	c	2	-	37	32	*	*	*	*		
The Scaw (Skagen)	29.83	29	NE	1	o	29.87	-0.0	28	-1	-	o	o	o	-	32	25	*	*	*	*		
Blaavands Huk	29.83	33	WSW	1	m	29.87	+0.2	27	-5	SW	1	m	1	-	34	21	*	*	*	*		
Cuxhaven	29.88	34	SW	1	b	29.86	+0.1	32	-2	E	1	f	*	-	37	32	*	*	*	*		
The Helder	29.83	35	S	1	o	29.83	-0.0	35	-5	ENE	2	o	1	Trace	41	32	*	*	*	*		
Brussels	29.96	36	S	2	o	29.86	-0.1	34	-3	S	1	o	*	-	39	34	*	*	*	*		
Berlin	29.89	37	SE	1	f	29.83	-0.1	37	+2	SE	1	r	*	Trace	39	34	*	*	*	*		
Frankfurt	30.02	30	E	2	b	30.00	-0.1	25	-1	SW	1	c	*	-	36	21	*	*	*	*		
Munich	29.87	39	ENE	4	f	29.72	-0.1	40	-1	ESE	2	o	2	0.04	41	37	*	*	*	*		
C. Gris Nez	29.73	41	E	3	f	29.67	*	39	+1	ESE	2	m	1	0.16	43	36	*	*	*	*		
Brest (St. Mathien)	29.63	49	SW	3	bc	29.64	+0.2	47	o	ESE	3	c	2	Trace	49	45	*	*	*	*		
Lorient (Bec Melen)	29.63	49	SW	2	b	29.62	*	42	-4	E	3	m	3	0.12	54	41	*	*	*	*		
Rochefort (Ile d' Aix)	29.66	49	S	3	c	29.61	*	48	+5	SE	2	r	*	0.08	52	43	*	*	*	*		
Biarritz	29.72	54	SE	3	o	29.65	*	51	-5	SW	4	o	2	0.04	61	48	*	*	*	*		
Paris	29.80	43	SE	1	o	29.71	-0.2	44	+2	S	1	o	*	0.12	48	41	*	*	*	*		
Belfort	29.94	39	E	2	m	29.86	*	39	+3	ENE	5	o	*	0.04	47	36	*	*	*	*		
Lyons	29.88	50	S	3	o	29.76	*	53	+12	S	6	o	*	-	54	41	*	*	*	*		
Nice	30.08	46	-	o	o	30.02	-0.1	46	+2	E	2	o	4	0.24	52	44	*	*	*	*		
Perpignan	29.81	54	SE	3	o	29.71	-0.3	53	+9	E	2	o	*	-	56	44	*	*	*	*		
Sanguinaire	30.10	50	SSW	2	m	30.06	*	54	+2	SE	3	c	2	-	55	45	*	*	*	*		
Corunna (8 a.m.)	29.63	52	SE	3	o	29.60	-0.4	46	o	SSE	2	o	3	-	54	39	*	*	*	*		
Lisbon (9 a.m.)	29.69	50	S	3	r	29.67	+0.1	48	+1	N	1	o	6	0.28	55	46	*	*	*	*		
Gibraltar	29.75	53	SW	2	o	29.79	*	52	-1	SW	3	o	*	0.58	*	*	*	*	*	*		
Azores (P. Delgada)	30.13	51	NW	2	b	29.95	-0.9	59	+2	SW	4	o	3	-	59	50	*	*	*	*		
Azores (Horta)	29.86	58	NW	5	r	29.86	-0.1	55	+4	NW	5	bc	4	1.38	61	45	*	*	*	*		

* Information for these columns not usually received.

† Received too late for insertion in Charts.

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature remained below 40° over a considerable portion of these islands, and during the night it fell to 27° at Trair, and to about 32° at many other places. Rain has fallen in most

parts of England, the measurement being slight generally, but about 0.6 inch at Bath and Oxford. In some parts of Ireland, Scotland and Wales the sun shone for several hours, but over the Kingdom as a whole the day was dull, with much mist and fog.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON TUESDAY

TO NOON WEDNESDAY

- 0 { a } Wind mainly N.E., light to
b } fresh; changeable, some snow;
1 } temperature rather low.
- 2 { a } Wind between N. and E., light
b } or moderate to fresh; much cloud
- 3 { a } generally, some rain or snow,
b } mist or fog locally; rather cold.
- 4 { a }
b }
- 5 { a }
b }

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.

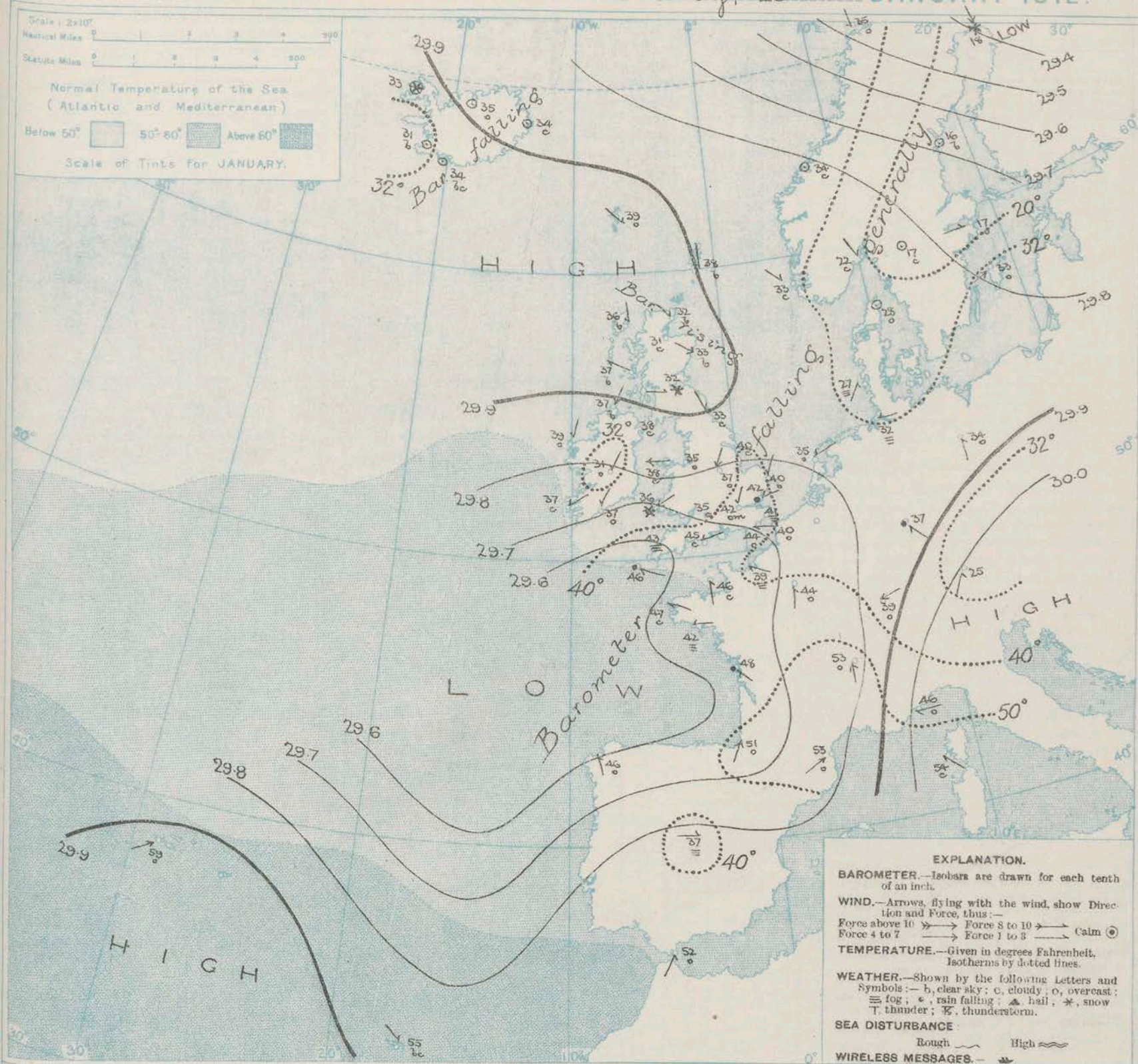
- 6 { a } Same as Nos. 0 & 1.
b }
- 7 { a }
b } Same as Nos. 2 to 5.
- 8 { a }
b }
- 9 { a } N.E. or N. winds, light or moderate,
b } fresh locally; changeable, some rain or sleet; temperature rather low.
- 10 { a }
b }

11 WESTERN CHANNEL AND BAY.

Wind light or moderate, rather variable, but mainly E.; sea slight or moderate; some rain, mist or fog at times.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Tuesday, 23rd JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is about 30 in. in Bavaria, and above 29.9 in. over Scotland and between that country and Iceland, but it decreases to below 29.6 in. in a depression having its minimum near the Shilly Isles, and to 29.4 in. in the extreme north of Sweden.

The wind is easterly to north-easterly over England and Ireland, light or moderate generally, but fresh locally. In the south-west of France a moderate breeze from South-West prevails, and over Scandinavia a light to moderate breeze from between north and West. In Iceland every station reports calm. Temperature has changed irregularly, and over the United Kingdom it differs little from the normal, ranging from 46° at Shilly and Jersey to about 40° on the

east coast of England, 32° at Wick and Keith, and to 31° at Harrow and Brix Castle. Snow is falling at Keith, sleet at Pembrokeshire, and rain at some places in the south-west and south-east of England, while the sky is very cloudy or quite overcast in nearly all parts of England and Ireland. At many stations in Scotland the weather is fair to bright. An overcast sky prevails over a very large area on the Continent, with rain at Rochfort and Frankfurt, and snow at Staperanda.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The barometrical changes in progress are very slight over the United Kingdom and its neighbourhood,

and the pressure distribution is likely to remain favourable for winds between E. and SE. during the ensuing 24 hours.

DAILY WEATHER REPORT.

Tuesday, 23rd January, 1912.

OBSERVATIONS from the ATLANTIC OCEAN received by RADIOTELEGRAPHY.

CONTROL OBSERVATIONS.						NAME OF SHIP.	OBSERVATIONS PLOTTED ON THE CHARTS.										Sea Dis- turb- ance.	
DATE AND HOUR OF OBSERVATION.	POSITION.		Reading of Barometer.	WIND.			DATE AND HOUR OF OBSERVATION.	POSITION.		Reading of Barometer.	WIND.		Weather.	TEMPERATURE.				
	Lat. N.	Long. W.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.	Dry Bulb.	Wet Bulb.		Sea.
	*	*	In.				*	*	In.				*	*	*			
22 January 4 a.m.	51	14	29.77	E	4-5	Cymric.	22 January 7 a.m.	51	13	29.75	ENE	10-11	0	-	-	-		

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m. ...	42	27	b. bc. c. bc. d.	0.5	-	Brighton, to 6 p.m. ...	44	40	*	0.0	-
Dublin (City), to 4 p.m. ...	42	33	f. o. c.	*	-	Seaford, to 6 p.m. ...	44	39	f. o.	0.0	0.01
Blackpool, to 9 p.m. ...	46	33	om. c. o.	2.2	-	Eastbourne, to 6 p.m. ...	47	43	*	0.0	-
Southport, to 9 p.m. ...	44	32	o. om. bc. f.	1.5	-	Bexhill-on-Sea, to 9 p.m. ...	43	40	o	0.0	0.01
Rhyl, to 6 p.m. ...	50	31	b. c.	4.8	-	Hastings ...	*	*	*	0.0	*
Colwyn Bay, to 6 p.m. ...	43	32	bc	2.6	-	Folkestone, to 6 p.m. ...	43	39	m. o. bc	0.0	-
Llandudno, to 9 p.m. ...	47	34	b. c. o.	2.7	-	Deal, to 6 p.m. ...	45	39	f. m. o.	0.0	-
Bettws-y-Coed, to 6 p.m. ...	46	32	*	5.0	-	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Aberystwyth, to 6 p.m. ...	46	32	*	5.0	-	Margate, to 6 p.m. ...	43	39	o	0.0	-
Plymouth, to 9 p.m. ...	47	44	bc. of	0.0	0.22	Felixstowe, to 6 p.m. ...	37	35	*	0.0	-
Paignton, to 6 p.m. ...	47	43	bc. of	0.0	0.03	Lowestoft, to 6 p.m. ...	39	33	o. c. om	0.0	-
Torquay, to 6 p.m. ...	46	43	*	0.0	-	Skegness, to 6 p.m. ...	36	30	f. m.	0.3	0.01
Teignmouth, to 9 p.m. ...	46	44	c. r.	0.0	0.11	Scarborough, to 9 p.m. ...	40	36	o	0.0	0.02
Weymouth, to 6 p.m. ...	43	41	*	0.0	-	Harrogate, to 6 p.m. ...	39	35	bc. om. o.	0.0	0.02
Bournemouth, to 6 p.m. ...	43	39	m. o.	0.0	-	Buxton, to 9 p.m. ...	43	34	bc. c.	4.0	-
Southsea, to 6 p.m. ...	43	39	*	0.0	-	Darwen, to 9 p.m. ...	42	35	om. b. on	0.5	-
Worthing, to 6 p.m. ...	43	39	c	0.0	-	Manchester, to 9 p.m. ...	37	34	o. of. o.	0.0	-
						Birmingham, to 9 p.m. ...					

LONDON OBSERVATIONS.

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

STATIONS.	HUMIDITY.		TEMPERATURE.		Weather.	Rainfall.	Sunshine Yesterday.	22 & 24 Jan., 1912.					
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				Sunrise	Noon	Sunset			
24 HOURS ENDED AT 9 A.M. TO-DAY.													
Greenwich (Royal Obsy.) ...	% 98	% 98	41	38	o. m. r	In. 0.14	Hrs. 0.0	Yarmouth ...	G.M.T. 7.29	G.M.T. 11.39	G.M.T. 3.49		
City (Hunhill Row) ...	% 96	% 94	43	39	* m. r. m	* 0.24	0.0		G.M.T. 7.31	G.M.T. 11.40	G.M.T. 3.48		
Westminster (St. James's Pk.)							0.0		Greenwich ...	7.32	11.46	4.0	
Camden Sq. (Brit. Rainfall)							0.0		7.34	11.47	3.54		
Hampstead (Reservoir) ...	*	100	39	37	otm. om	0.19	0.0	Wick ...	8.20	11.58	3.36		
South Kensington ...	*	*	24 HOURS ENDED AT 6 P.M. YESTERDAY.				-	}	0.0	Valencia ...	8.22	11.59	3.55
			43	37	} f. ogm {	}			8.15	12.27	4.39		
			43	37					8.17	12.28	4.28		
" " (Roof of M.O.)	93	94	43	37									

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga ...	1.18	61	50	o. r	Rome ...	0.16	57	50	o. o
Marseilles ...	0.16	55	45	o. c	Vienna ...	-	21	18	b. s
Malta ...	-	59	54	- bc	Utrecht ...	0.04	41	36	m. o
Algiers ...	-	66	57	bc. b	Zürich ...	-	*	*	f. f
Tunis ...	-	61	43	c. c	Geneva ...	0.32	*	*	r. o
Palermo ...	-	65	46	bc. bc	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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

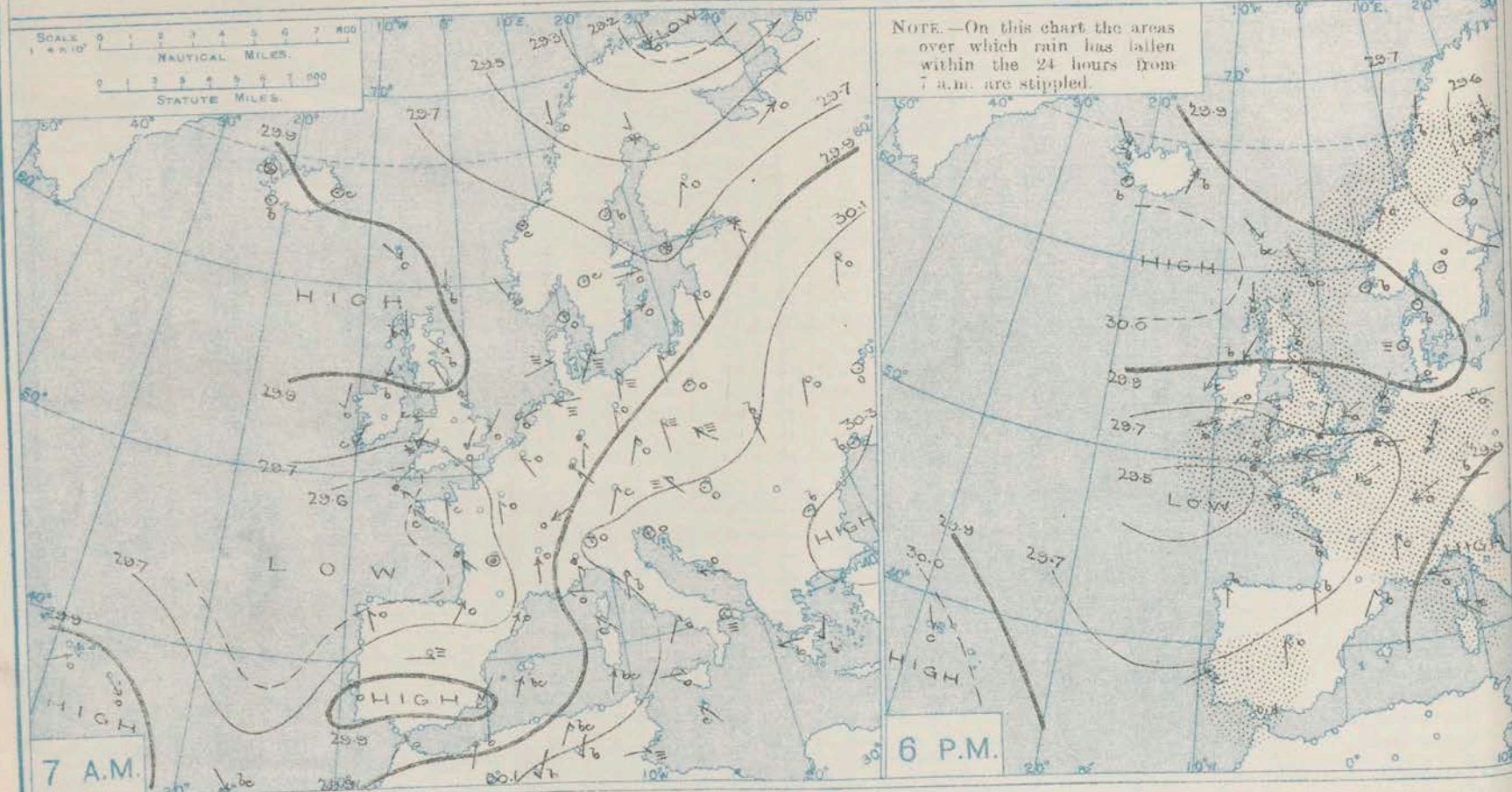
1912.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,
24th January 1912.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain-fall.	TEMP.		WEATHER.						
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Weather.			Max.	Min.	Sun-shine.	Morn'g. 7 a.m. to 1 p.m.	Aftern'd 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.			
BRITISH ISLANDS.	Lerwick ...	29.97	37	NNW	2	bc	29.88	-0.02	38	0	-	0	c	1	0.03	39	35	*	bc	cm	cpm		
	Stornoway ...	29.99	36	N	1	c	29.87	-0.04	34	-2	N	1	bc	1	0.01	40	31	2.1	bcdp	bcdp	b. bc		
	Castlebay (Barra Isd.) ...	29.95	41	ENE	2	b	29.81	-0.03	39	+2	ENE	3	bc	3	-	41	36	5.4	b	b	bc		
	Malin Head ...	29.84	39	NE	4	b	29.69	-0.07	37	0	E	6	bc	5	-	41	36	+	bcv	bc	bcg		
	Blacksod Point ...	29.79	39	NE	5	c	29.61	-0.03	38	-1	NE	5	o	4	-	40	36	+	bc	bc	bcg		
	Valencia ...	29.62	39	ENE	4	og	29.46	-0.01	45	+8	E	3	o	4	0.41	47	37	3.4	bc	bc	r		
	Roche's Point ...	29.60	41	NE	3	r	29.53	*	43	+6	E	3	o	4	0.29	45	37	+	bc.v.	rg	r-o		
	Birr Castle ...	29.70	40	E	2	o	29.58	*	39	+8	NE	1	o	*	-	40	31	0.1	c	o	o		
	Donaghadee ...	29.85	40	NNE	5	bc	29.72	-0.03	37	-1	E	4	c	4	Trace	41	37	+	bc	bcu	bc.g		
	Liverpool Obsy. ...	29.81	37	ENE	4	o	29.66	-0.04	33	-2	ENE	2	o	1	-	39	32	0.0	cm	cm	o		
	Holyhead ...	29.74	39	E	5	cm	29.63	-0.04	36	-2	E	4	b	3	-	43	35	*	ogm	ogm	bm		
	Pembroke (St. Ann's Hd.) ...	29.63	40	NE	5	o	29.55	-0.03	38	+2	ENE	3	cg	3	0.05	42	35	0.0	ogm	ogm	og		
	Newquay ...	29.55	46	SE	3	op	29.50	-0.01	38	-5	SE	1	o	1	0.09	47	38	0.2	op.c	o	or		
	Scilly (St. Mary's) ...	29.51	47	SE	4	cpm	29.47	-0.03	46	0	ESE	4	ogm	3	0.82	50	44	0.5	cpm	cpm	cm.r		
	Jersey (St. Aubin) ...	29.57	46	ENE	3	ogm	29.55	*	46	0	SW	3	ogm	3	0.15	47	44	0.0	ogm	ogm	ogp.bc		
	Portland Bill ...	29.61	45	E	5	ogt	29.40	-0.05	42	-3	NE	5	c	4	0.10	47	41	0.0	og	og.r	or		
	Dungeness ...	29.62	46	ENE	5	cm	29.51	-0.02	47	+3	SW	5	cm	5	0.34	47	42	0.0	og	og	og.r.cg		
	Dover ...	29.59	43	SE	3	c	29.56	*	46	+5	SSW	7	o	5	0.32	46	41	0.0	cm	o	or.o		
	Wick ...	29.96	39	NNE	1	bc	29.87	-0.03	35	+3	NW	1	c	1	Trace	40	29	*	bc	bc.c	bip.cm		
	Nairn ...	29.96	32	-	0	bc	29.85	*	32	+1	-	0	c	1	0.06	36	30	6.0	b	b	sp.c		
	Aberdeen ...	29.94	35	NW	3	b	29.84	-0.03	37	+4	NE	4	bc	2	0.04	39	33	4.5	bcp.b	bc.b	bcp		
	Leith ...	29.94	38	NE	2	o	29.78	-0.02	31	-1	E	1	bc	*	0.10	40	31	*	sp.c	c.op	sp.c		
	North Shields ...	29.87	38	NW	3	c	29.74	-0.02	39	+6	NE	3	c	3	0.11	40	31	1.7	c	c.r.c	c.r.s		
	Spurn Head ...	29.80	40	ENE	5	o	29.59	-0.03	39	-1	ENE	6	op	6	Trace	40	37	*	ov	ov	or.ogp		
Yarmouth ...	29.78	40	ENE	4	o	29.52	-0.08	40	0	ENE	4	o	4	0.32	41	40	0.0	c	c.o	orq			
Clacton-on-Sea ...	29.72	42	ENE	4	o	29.52	-0.04	40	-2	W	1	o	1	0.43	43	40	0.0	og	og	orq			
Nottingham ...	29.80	38	ENE	4	o	29.63	*	37	0	ENE	5	r	*	0.01	39	36	0.0	op	o	o.c			
Bath ...	29.70	40	NE	2	o	29.53	*	37	+2	ENE	5	r	*	0.24	40	35	0.0	o	o	o.t			
Oxford ...	29.71	39	NE	4	o	29.57	*	34	0	NE	3	rs	*	0.24	39	34	*	od	o	oh.rs			
London (Kew Obsy.) ...	29.70	42	NE	4	od	29.55	-0.02	39	-1	NE	2	cm	*	0.29	42	39	0.0	ognd	ognd	od.r.s			
ICELAND & FAEROE.	Isafjord ...	29.94	28	NW	1	b	29.92	-0.00	27	-6	-	0	b	*	*	*	*	*	*	*	*		
	Reykjavik ...	29.91	31	-	0	b	29.87	-0.00	31	0	N	3	b	*	*	*	*	*	*	*	*		
	Vestmanna ...	29.95	35	-	0	b	29.88	-0.01	38	+4	SE	4	r	1	*	*	*	*	*	*	*		
	Seydisfjord ...	29.91	34	SW	4	b	29.99	-0.00	28	-6	-	0	b	*	*	*	*	*	*	*	*		
	Thorshavn ...	29.90	37	NW	1	bc	29.89	-0.04	38	-1	NW	2	c	*	*	*	*	*	*	*	*		
SCANDINAVIA.	Haparanda ...	29.53	17	N	6	b	29.71	+0.2	2	-16	-	0	o	*	0.04	25	1						
	Hernösand ...	29.63	28	-	0	o	29.78	0.0	19	+3	W	2	o	*	-	30	14						
	Stockholm ...	29.73	21	WNW	2	b	29.83	+0.3	22	+5	W	2	o	*	-	22	17						
	Wisby ...	29.78	30	W	6	o	29.87	+0.1	31	-2	NW	6	c	*	-	34	27						
	Karlstad ...	29.86	16	-	0	o	29.90	0.0	12	-5	-	0	b	*	-	21	10						
	Färder (X'ianta Fjord) ...	29.89	21	-	0	b	29.92	0.0	23	+1	-	0	f	0	-	23	19						
	Bodö ...	29.67	31	NNE	1	b	29.58	-0.05	26	-9	E	4	s	2	?	35	23						
	Christiansund ...	29.86	37	SW	5	o	29.81	-0.01	36	+2	SW	3	o	4	0.43	37	34						
	Skudesnaes ...	29.98	32	-	0	b	29.90	-0.02	29	-4	ENE	2	c	1	-	36	27						
	The Scaw (Skagen) ...	29.92	31	-	0	b	29.92	-0.01	33	+5	SSW	2	o	1	-	34	25						
GERMANY, &c.	Blaavands Huk ...	29.96	21	-	0	f	29.91	-0.04	25	-2	ESE	4	o	2	-	28	18						
	Cuxhaven ...	29.92	32	E	2	o	29.82	-0.06	32	0	ESE	4	o	*	-	34	22						
	The Helder ...	29.81	32	NE	4	m	29.64	-0.04	35	0	ESE	3	m	1	0.08	36	32						
	Brussels ...	29.65	42	E	3	r	29.69	+0.05	44	+3	SSW	3	b	*	0.32	47	41						
	Berlin ...	29.89	35	E	3	o	29.93	0.0	34	0	E	3	o	*	0.04	36	34						
	Frankfurt ...	29.76	39	NE	1	r	29.82	+0.04	37	0	W	2	f	*	0.39	41	36						
	Munich ...	29.90	28	E	3	b	29.95	+0.05	37	+12	SW	3	c	*	-	37	25						
	C. Gris Nez ...	29.67	42	ENE	5	f	29.57	+0.3	45	+5	SSW	6	bc	5	0.32	45	40						
	La Hève ...	29.58	44	NE	2	f	29.56	*	42	+3	S	4	b	3	0.32	45	36						
	Brest (St. Mathieu) ...	29.59	46	ESE	3	o	29.53	-0.01	46	-1	SE	3	r	3	0.04	50	45						
FRANCE.	Lorient (Bec Melen) ...	29.54	43	NW	2	r	29.56	*	43	+6	SSW	5	c	3	0.43	50	39						
	Rochefort (Ile d' Aix) ...	29.60	49	WNW	3	b	29.66	*	45	-3	S	3	c	*	0.08	54	43						
	Biarritz ...	29.67	54	S	3	b	29.70	*	53	+2	S	2	o	2	-	57	48						

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 50° at Sully and to above 45° at some other south western stations, but over the Kingdom generally its maximum reading was about 40°. Rain has fallen in the south

of Ireland and over the greater part of England and Scotland, the largest measurement being 0.8 inch at Sully. Much bright sunshine was recorded in Scotland, and about 3.5 hours at Valentin; elsewhere there was little or none.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY

- 0 { a } E. and S.E. winds, light or moderate; fresh locally; cloudy to overcast, bright at times; moderate or rather low temperature.
- 1 { b }

- 2 { a } Wind mainly between E. and S.E., fresh or strong in places; rainy.
- 3 { b } Sleet locally, some mist, much cloud; moderate temperature.

- 4 { a } S.E. then Variable or S.W. winds; mostly dull or gloomy, some rain, mist or fog in places; moderate or rather high temperature.
- 5 { b }

FORECAST DISTRICTS.



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

Signals hoisted yesterday. South Cone. North Cone.

Signals hoisted this morning. South Cone. North Cone.

- 6 { a } Same as 760.0 & 1.
- 7 { b }

- 8 { a } E. or S.E. winds, light or moderate; much cloud, some rain and mist; moderate temperature.
- 9 { b }

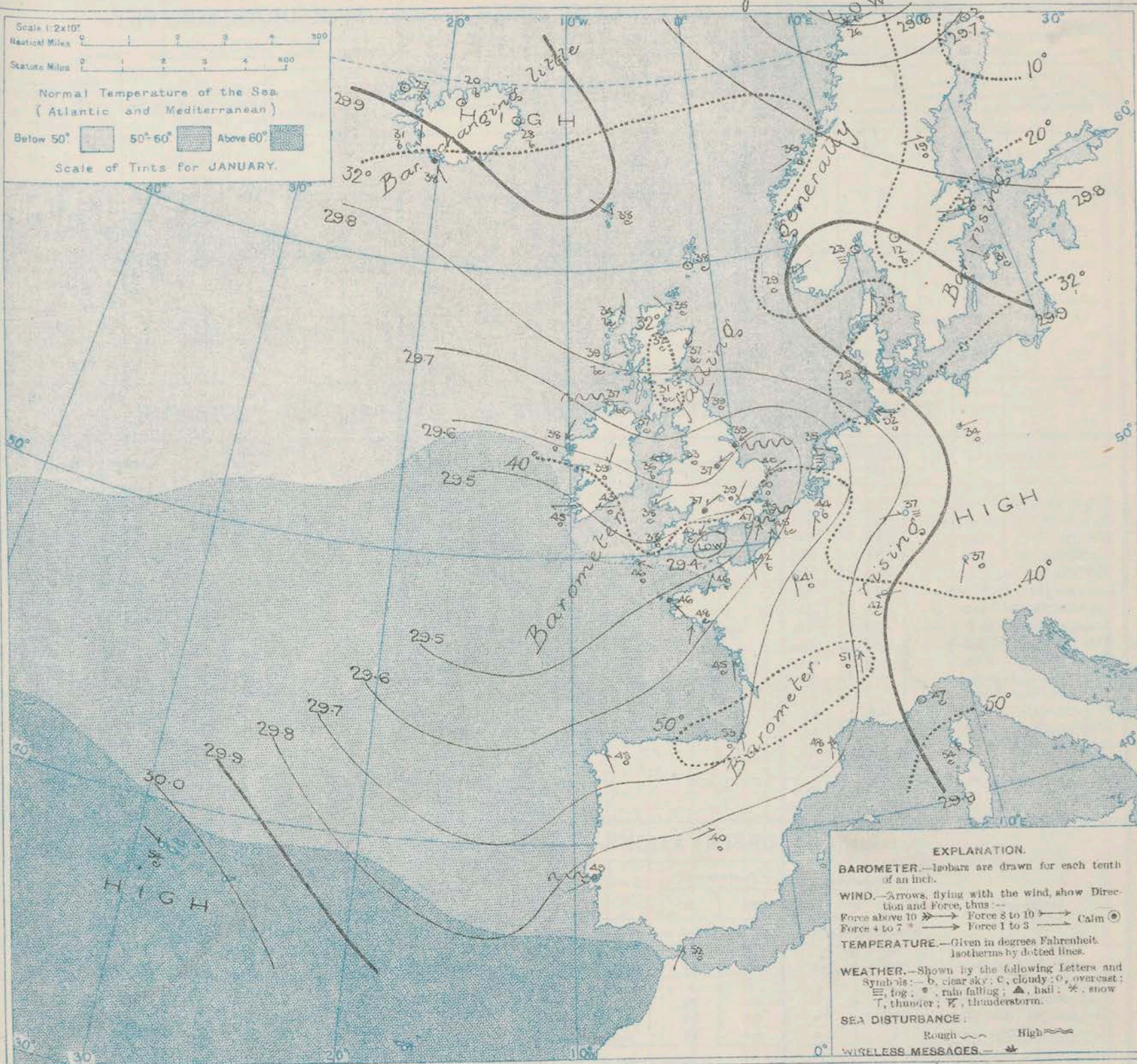
- 10 { a } Wind mainly E., light or moderate; fresh in places; cloudy or overcast, some rain; moderate temperature.
- 11 { b }

11 WESTERN CHANNEL AND BAY.

S.W. winds, light to fresh on Channel, S.W. to S.E., light or moderate on Bay; much cloud, some rain and mist; sea moderate.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Wednesday, 24th JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 29.9 in. in Central Europe, over the Baltic and Denmark, and also over a considerable portion of the Icelandic region, and above 30.1 in. at the Azores. Off our south-west coasts it is below 29.5 in. and also in a depression extending thence up the English Channel.

The wind is E. or N.E. in nearly all parts of the United Kingdom, and blows a fresh or strong breeze on the north-west of Ireland and in the east of England. On the coast of Kent, however, there is a fresh or strong

breeze from the S.W., and a S.W. wind, of moderate force, is also general over France and Belgium. Temperature has changed irregularly. Over these islands it ranges from 47° at Dingemess to below 35° at several other places in Great Britain, and to 31° at Leith. Rain or sleet is falling at many places in Central England, and rain at Spurn Head, while over the United Kingdom generally the sky is cloudy or quite overcast. Much cloud is also reported over the western and northern countries of the Continent, with rain at Brest, and snow at Bodo. At most stations in Ireland the sky is cloudless.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The barometrical changes in progress appear to indicate that the depression over the English Channel will move or extend in a north-easterly

direction. The band of relatively high pressure extending from Iceland to the Baltic does not seem likely to increase in intensity.

DAILY WEATHER REPORT.

Wednesday, 24th January 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 Dis- tance.
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air.		Sea.	
														Dry Bulb.	Wet Bulb.		
	"	"	In.				"	"	In.				"	"	"		
22 January, 4 a.m.	51	13	29.76	E	4-5	Canada	22 January, 7 a.m.	51	15	29.80	E.N.E.	4-5	bc.	-	-	-	-
" " 4 a.m.	55	14	29.84	S.E.	1-3	Scotian	" " 7 a.m.	55	15	29.80	S.E.	1-3	o	-	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.	42	24	6	7.4	-	Brighton, to 6 p.m.	46	41	*	0.0	-
Dublin (City), to 4 p.m.	42	34	6.0 p.m.	0.6	0.01	Seaford, to 6 p.m.	45	40	7.0	0.0	0.06
Blackpool, to 9 p.m.	39	35	0.6 p.m.	0.2	-	Eastbourne, to 6 p.m.	45	42	*	0.0	0.07
Southport, to 9 p.m.	39	34	0.6 p.m.	0.0	-	Bexhill-on-Sea, to 9 p.m.	45	41	-	0.0	0.05
Rhyl, to 6 p.m.	40	33	0	0.0	-	Hastings	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	39	36	0	0.0	-	Folkestone, to 6 p.m.	44	40	6.0	0.0	-
Llandudno, to 9 p.m.	42	36	0	0.0	-	Deal, to 6 p.m.	45	41	6.0	0.0	0.02
Bettws-y-Coed, to 6 p.m.	38	32	0.0	0.0	*	Ramsgate, to 6 p.m.	*	*	*	0.0	0.04
Aberystwyth, to 6 p.m.	43	33	*	0.6	-	Margate, to 6 p.m.	44	40	*	0.0	0.07
Plymouth, to 9 p.m.	47	41	0.6 p.m.	1.8	0.07	Felixstowe, to 6 p.m.	43	34	*	0.0	0.20
Paignton, to 6 p.m.	47	39	0.6 p.m.	0.0	0.47	Lowestoft, to 6 p.m.	41	37	0.6	0.0	0.14
Torquay, to 6 p.m.	46	40	*	0.0	0.48	Skegness, to 6 p.m.	40	39	*	0.0	0.01
Teignmouth, to 9 p.m.	46	40	0.6 p.m.	0.0	0.62	Scarborough, to 9 p.m.	42	37	6.0	1.5	0.05
Weymouth, to 6 p.m.	45	42	0.6 p.m.	0.0	0.46	Harrogate, to 6 p.m.	36	31	0.6 p.m.	0.4	0.05
Bournemouth, to 6 p.m.	45	39	0.6	0.0	0.19	Buxton, to 6 p.m.	*	*	*	0.0	-
Southsea, to 6 p.m.	46	41	*	0.0	0.10	Darwen, to 9 p.m.	38	32	0.6 p.m.	0.0	-
Worthing, to 6 p.m.	45	41	0	0.0	0.12	Manchester, to 9 p.m.	39	36	0.6 p.m.	0.0	-
						Birmingham, to 9 p.m.	36	30	0.6 p.m.	0.0	0.35

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.			
			Max.	Min.				24 HOURS ENDED AT 9 A.M. TO-DAY.	Sunrise	Noon	Sunset
	3 p.m. Yesterday.	9 a.m. To-day.									
	%	%			In.	Hrs.					
Greenwich (Royal Obs.) ...	98	98	42	37	0. r.	0.43	0.0	Yarmouth	{ 7.49 7.48	12.5 12.5	4.2 4.2
City (Bunhill Row)	*	*	*	*	*	*	0.0				
Westminster (St. James's Pk.)	92	92	44	39	m. r.	0.32	0.0	Greenwich	{ 7.52 7.51	12.12 12.12	4.3 4.3
Camden Sq. (Brit. Rainfall)	97	96	42	38	0. d. o. of.	0.39	0.0				
Hampstead (Reservoir) ...	*	100	40	35	ond. of. ond.	0.48	0.0	Wick	{ 8.38 8.36	12.24 12.24	4.1 4.1
			24 HOURS ENDED AT 6 P.M. YESTERDAY.								
South Kensington ...	*	*	43	40	{ o. f. odg. omw {	0.23 *	} 0.0	Valencia... ..	{ 8.35 8.34	12.53 12.53	5.1 5.1
" " (Roof of M.O.)	94	94	43	40							

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	in.	not received			Rome	in.	not received		
Marseilles	-	55	50	0.0	Vienna	-	41	23	S. p.
Malta	-	63	57	0.0	Utrecht	0.08	39	32	0.0
Algiers	-	70	55	0.0	Zürich	-	*	*	0.0
Tunis	-	66	41	0.0	Geneva	-	*	*	0.0
Palermo	-	67	43	0.0	Lugano	-	*	*	0.0

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

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,
25th January, 1912.

Sea
Disturb-
ance.

Rainfall.

In.
0.06
0.07
0.05
*

0.02
0.04
0.07
0.20
0.14

0.01
0.05
0.05

0.35

MOON AND
-DAY

Sunset

G.M.T.

4.21

4.22

4.32

4.33

4.11

4.13

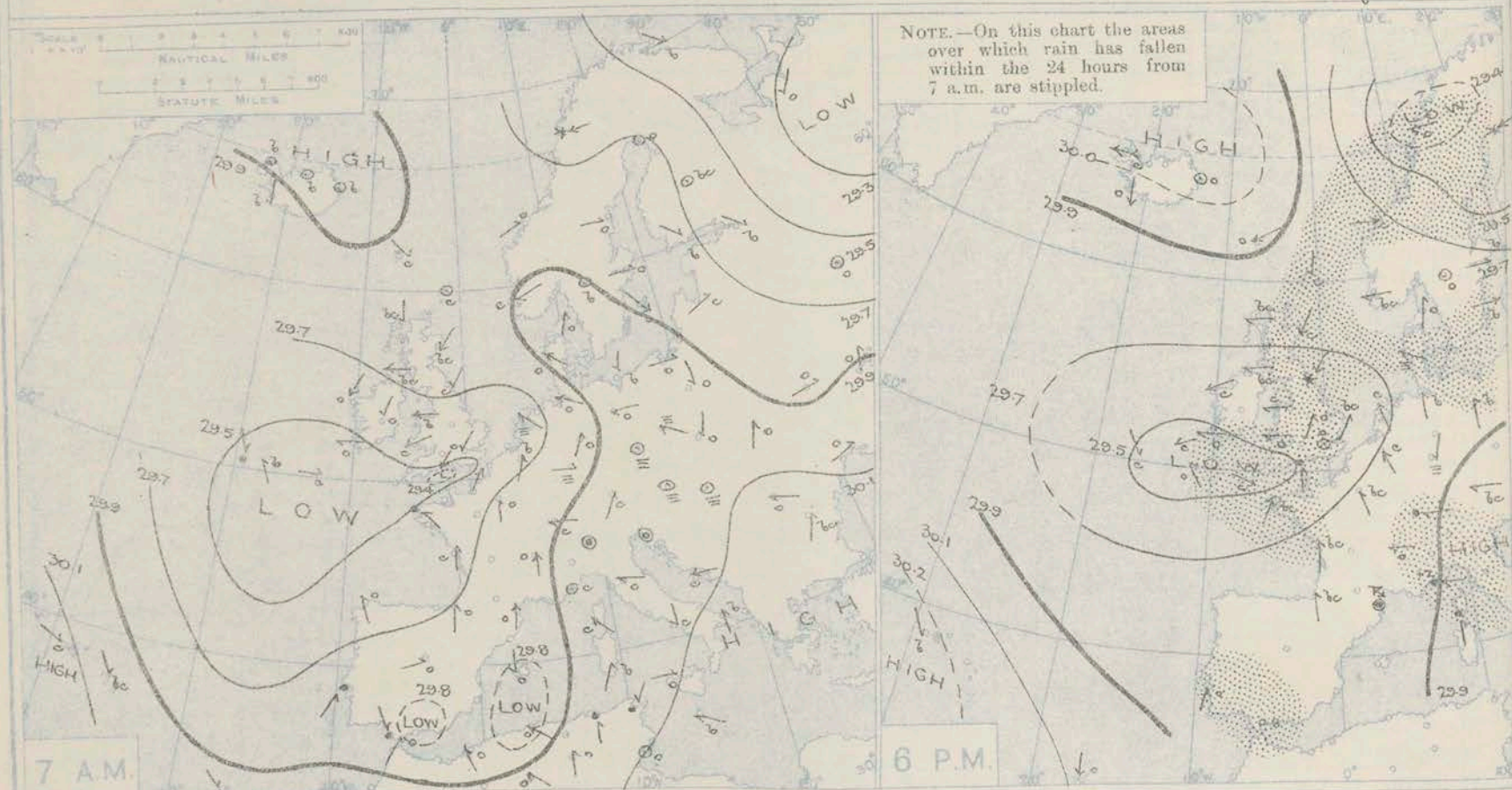
5.11

5.12

in the
upper

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										LAST 24 HOURS.									
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.			WEATHER.								
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).	Weather.			Max.	Min.	Sun- shine.	Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.						
BRITISH ISLANDS.																										
Lerwick	In. 29.81	40	NNE	3	c	In. 29.82	+02	38	0	NNE	4	bc	2	Trace	42	37	2.7	bc	bc	bc	bc	bc				
Stornoway	29.79	36	E	3	bc	29.81	+03	35	+1	NE	3	bc	3	-	40	33	4.8	bc	bc	bc	bc	bc				
Castlebay (Barra Isl.)	29.73	37	ENE	2	bc	29.77	+02	40	+1	NNE	3	c	2	-	41	36	*	bc	bc	bc	bc	bc				
Malin Head	29.64	36	E	3	bc	29.70	+01	38	+1	NE	1	o	1	-	40	35	*	bc	bc	bc	bc	bc				
Blackod Point	29.60	39	ENE	8	c	29.70	+02	37	-1	NE	3	bc	3	-	40	34	*	bc	bc	bc	bc	bc				
Valencia	29.47	44	E	3	o	29.61	+06	39	-6	E	1	c	3	0.06	46	39	0.3	c	c	c	c	c				
Roche's Point	29.51	42	E	3	o	29.61	*	41	-2	NE	2	o	3	0.06	44	40	*	o	o	o	o	o				
Birr Castle	29.56	38	NE	1	o	29.64	*	36	-3	NE	2	o	4	-	41	35	0.0	o	o	o	o	o				
Donaghadee	29.64	38	ENE	4	c	29.67	+02	40	+3	N	4	c	3	-	40	35	*	bc	bc	bc	bc	bc				
Liverpool Obsy.	29.61	35	NE	1	o	29.63	00	37	+4	WNW	2	o	2	0.02	38	33	0.0	om	om	om	om	om				
Holyhead	29.58	37	E	3	c	29.63	+01	41	+5	E	2	o	2	-	41	36	*	om	om	om	om	om				
Pembroke (St. Ann's Hd.)	29.53	39	E	2	o	29.60	+02	39	+1	NE	1	og	2	0.01	41	37	0.2	og	og	og	og	og				
Newquay	29.46	43	SSE	2	bc	29.54	00	41	+3	SE	1	of	1	0.14	44	36	0.2	o.c	o.c	o.c	o.c	o.c				
Scilly (St. Mary's)	29.43	46	WNW	4	om	29.61	00	44	-2	W	2	bc	3	0.15	49	42	2.0	cpm	cpm	cpm	cpm	cpm				
Jersey (St. Aubin)	29.57	48	SW	3	ogmp	29.63	*	46	0	SSW	3	ogm	3	0.05	52	43	3.0	ogm	ogm	ogm	ogm	ogm				
Portland Bill	29.50	46	S	2	cp.	29.58	+02	46	+4	NW	2	bc	3	0.12	48	41	0.5	c.f	cp	cp	cp	cp				
Dungeness	29.57	48	SSW	5	c	29.58	+01	46	-1	SW	4	c	4	0.17	49	45	2.3	cp	c	c	c	c				
Dover	29.62	47	SSE	4	bc	29.62	*	41	-5	SW	2	b	2	0.14	48	41	1.5	op	c bc	bc	bc	bc				
Wick	29.78	39	ESE	1	bc	29.77	+02	41	+6	NE	3	c	4	0.10	41	34	*	bc	bc	bc	bc	bc				
Nairn	29.75	34	-	0	o	29.75	*	32	0	-	0	o	1	0.05	35	30	0.0	o	o	o	o	o				
Aberdeen	29.73	37	NE	4	c	29.72	+02	37	0	N	3	c	3	0.02	39	37	0.1	bc	bc	bc	bc	bc				
Leith	29.69	38	ENE	3	r	29.68	+03	39	+8	N	4	o	*	0.08	40	31	*	o	op	op	op	op				
North Shields	29.56	35	NE	4	r	29.52	+02	42	+3	N	3	op	3	0.22	42	34	0.0	rsp	rsp	rsp	rsp	rsp				
Spurn Head	29.52	35	WSW	4	r	29.52	00	35	-4	WSW	4	o	5	0.33	39	33	*	ots	ots	ots	ots	ots				
Yarmouth	29.55	45	SW	3	bc	29.58	+02	37	-3	W	2	o	1	-	47	36	1.6	bc	bc	bc	bc	bc				
Clacton-on-Sea	29.59	44	S	3	c	29.59	+01	40	0	W	2	m	2	0.01	46	39	0.2	og.c	c bc	cp	cp	cp				
Nottingham	29.59	35	N	1	o	29.60	*	33	-4	W	3	o	*	0.17	37	31	0.0	om	om	om	om	om				
Bath	29.56	39	E	2	op	29.63	*	38	+1	E	1	o	*	0.04	40	36	0.0	op	op	op	op	op				
Oxford	29.59	36	NE	2	o	29.65	*	36	+2	WSW	1	o	*	0.18	36	34	*	ots	ots	ots	ots	ots				
London (Kew Obsy.)	29.58	42	-	0	o	29.63	+04	39	0	WSW	1	om	*	0.36	46	38	0.1	om	om	om	om	om				
ICELAND & FAEROE.																										
Isafjord	30.07	32	E	8	c	30.16	+03	28	+1	E	6	b	*	*	*	*	*	*	*	*	*	*				
Reykjavik	29.91	36	N	3	o	30.03	+04	31	0	N	3	b	*	*	*	*	*	*	*	*	*	*				
Vestmanna	29.92	38	E	4	o	30.07	+04	37	-1	SE	5	o	1	*	*	*	*	*	*	*	*	*				
Seydisfjord	30.06	29	-	0	o	30.21	+04	23	-5	WNW	2	b	*	*	*	*	*	*	*	*	*	*				
Thorshavn	29.92	36	ENE	4	o	29.99	+01	31	-7	N	4	c	*	*	*	*	*	*	*	*	*	*				
SCANDINAVIA.																										
Haparanda	29.43	11	E	4	S	29.94	+12	-2	-4	NE	4	b	*	0.08	12	-2										
Hernösand	29.49	30	SSE	2	o	29.43	+07	22	+3	NNE	6	S	*	Trace	32	19										
Stockholm	29.76	22	W	2	b	29.57	-02	25	+3	W	4	o	*	-	28	19										
Wisby	29.83	31	W	4	b	29.65	-05	30	-1	W	4	S	*	0.04	32	27										
Karlstad	29.79	26	-	0	o	29.62	-04	27	+15	W	2	o	*	-	28	10										
Færder (X'ania Fjord)	29.80	25	W	2	f	29.63	-02	19	-4	NNE	2	f	1	-	25	18										
Bodö	29.35	26	E	2	o	29.64	+08	14	-12	E	2	b	1	?	27	14										
Christiansund	29.70	38	W	6	c	29.62	-03	33	-3	W	5	o	14	0.20	39	30										
Skudesnaes	29.87	31	E	2	bc	29.69	-03	26	-3	N	2	b	1	-	32	25										
The Scaw (Skagen)	29.83	31	SSW	3	o	29.64	-04	33	0	WSW	1	m	1	-	34	30										
Blaavands Huk	29.76	31	SE	3	f	29.64	-03	31	+6	SSE	1	f	1	0.04	31	23										
GERMANY, &c.																										
Cuxhaven	29.78	35	S	2	b	29.68	-04	33	+1	SSE	2	c	*	-	37	32										
The Helder	29.68	41	S	3	c	29.61	-01	36	+1	S	2	c	2	-	48	35										
Brussels	29.72	46	SSE	4	c	29.68	-01	37	-7	SSE	1	b	*	-	49	36										
Berlin	29.87	35	S	1	b	29.76	-04	32	-2	SE	2	c	*	0.04	39	32										
Frankfurt	29.84	39	NE	1	f	29.75	-02	36	-1	NE	1	f	*	-	46	34										
Munich	29.93	37	E	1	bc	29.81	-03	27	-10	E	2	bc	*	-	45	27										
FRANCE.																										
C. Gris Nez	29.63	46	S	5	bc	29.63	00	45	0	SSW	5	r	4	0.12	48	43										
La Hève	29.62	45	S	3	c	29.68	*	39	-3	SSW	3	c	3	-	50	36										
B																										

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 24th January.



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature remained below 40° at various places in the Midlands and North, but rose to above 45° in the south and south-west. Rain, sleet or snow has been experienced in almost all parts of Great Britain and

in the south of Ireland, the largest measurement being 0.36 inch in London. Very little bright sunshine was recorded except in the north-west of Scotland and at a few places on the English Channel. At many stations the day was sunless.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON THURSDAY

TO NOON FRIDAY

- 0 } *N.E. and E. winds, light or moderate; cloudy or overcast, some sleet or snow; little change of temperature.*
- 1 }
- 2 }

- 3 } *Wind light, rather variable in direction; generally overcast, some rain, sleet or snow, mist or fog locally; rather cold.*
- 4 }
- 5 }

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 } *Same as No. 0 & 1.*
- 7 }

- 7 } *Wind mainly N.E. or E., light or moderate; much cloud, some sleet or snow; rather low temperature.*
- 8 }

- 8 } *Light variable winds; much cloud, some rain or sleet, mist or fog locally; little change of temperature.*
- 9 }

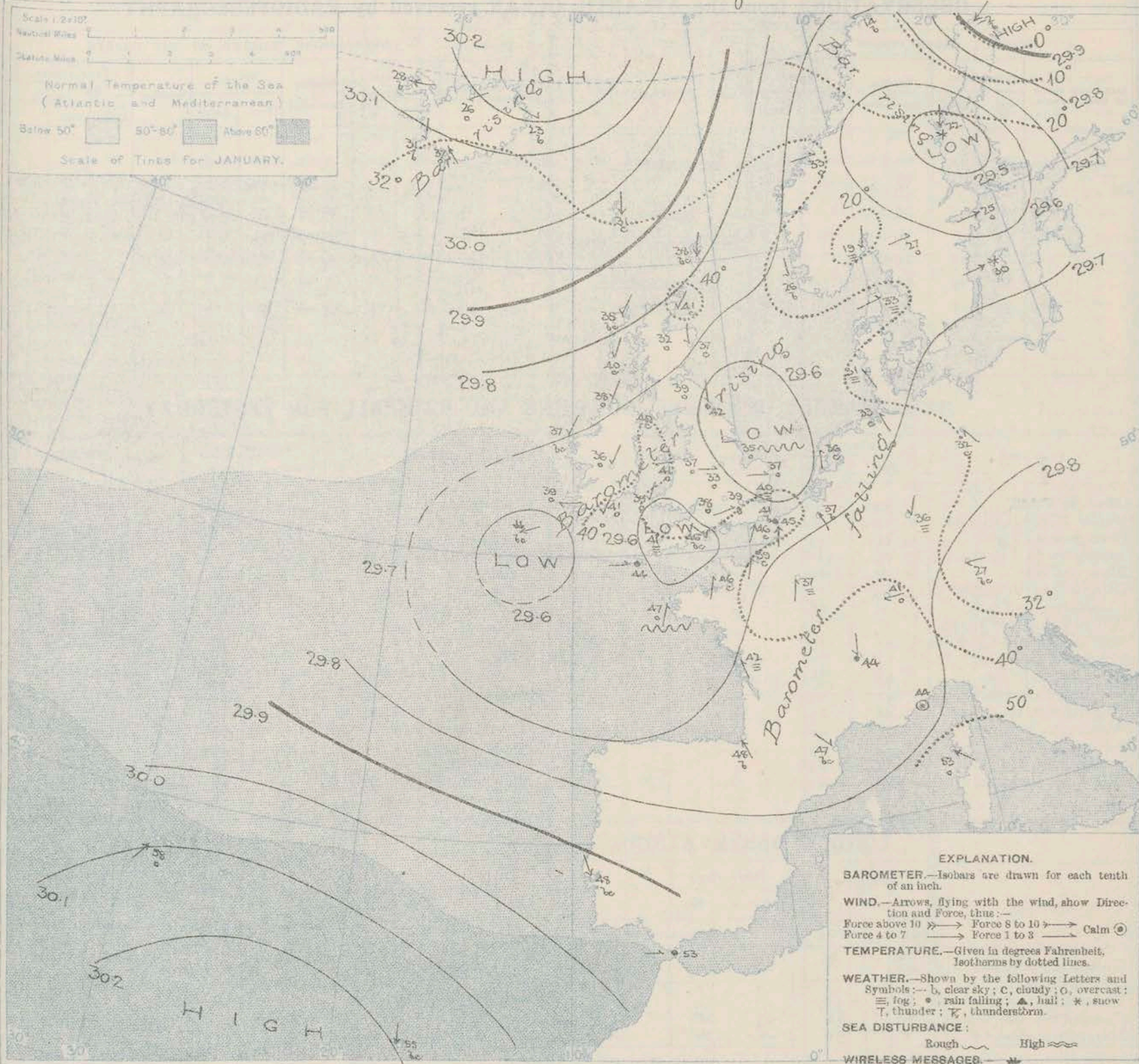
- 9 } *Wind between N.E. and E., light or moderate; cloudy or overcast, some rain or sleet; rather cold.*
- 10 }

11 WESTERN CHANNEL AND BAY.

Light or moderate winds, variable on channel, mainly S. on Bay; sea moderate or slight; much cloud, some rain and mist.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Thursday, 25th JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A rather broad band of low pressure containing three distinct minima, extends from the Bay of Biscay to the north of Scandinavia, while the barometer is highest over the northeast of Iceland.

The wind circulates cyclonically around the baric minima over Scandinavia and these islands, but is mainly from some N.E. or N.W. point in Scotland, Ireland and the north of England, and S.W. over France, the Netherlands and

Denmark, in force it is very light to moderate. Temperature has changed irregularly over these islands and Scandinavia, fallen over France, Belgium and Germany. Over the United Kingdom it ranges from 46° at some stations on the south coast to 33° at Nottingham, and to 32° at Barm. Showers are falling at Sully and North Shields, and in this country generally the sky is very cloudy to overcast; fog prevails at Barm. Much cloud is also reported over the greater part of the Continent, with fog in some localities, rain at Cape Gris Nez, and snow at Helsingfors and Wisby.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The barometrical changes in progress are slight and indefinite, and afford little indication that

any great modification in the pressure distribution will occur during the ensuing 24 hours.

DAILY WEATHER REPORT.

Thursday, 25th January, 1912.

DAI

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 Dis- turb- ance.	
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air.	Dry Bulb.	Wet Bulb.		Sea.
	*	*	In.				*	*	In.				*	*	*			
25 January 10am	51	13	29.55	ENE	1-3	<u>Haverford</u>	25 January 7am	51	12	29.56	ENE	4-5	bc	-	-	-		
24 " 3pm	50	17	29.48	NNE	1-3	"	24 " 6pm	50	16	29.49	NNW	1-3	c	-	-	-		
" " 3pm	50	13	29.38	SW	1-3	<u>Baltic</u>	" " 6pm	51	12	29.46	ENE	1-3	c	-	-	-		
" " 3pm	50	11	29.41	NW	1-3	<u>Mount Temple</u>	" " 6pm	50	11	29.42	SE	1-3	c	-	-	-		
" " 4am	50	14	29.46	NE	1-3	"	" " 7am	50	13	29.42	W	1-3	c	-	-	-		
" " 4am	49	20	29.43	NNW	1-3	<u>Haverford</u>	" " 7am	50	19	29.49	NNW	1-3	r	-	-	-		
" " 4am	50	18	29.45	SE	1-3	<u>Baltic</u>	" " 7am	50	17	29.43	SSE	1-3	b	-	-	-		

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.	40	26	b. bc. o. s	4.0	-	Brighton, to 6 p.m.	48	43	*	0.7	0.38
Dublin (City), to 4 p.m.	42	40	o. c. p. o	*	-	Seaford, to 6 p.m.	49	42	r. bc. c	0.8	0.25
Blackpool, to 9 p.m.	39	29	o	0.0	-	Eastbourne, to 6 p.m.	49	43	*	0.0	0.38
Southport, to 9 p.m.	37	31	bc. o	0.0	Trace	Bexhill-on-Sea, to 9 p.m.	49	42	-	1.3	0.54
Rhyl, to 6 p.m.	38	34	o	0.0	-	Hastings	*	*	*	1.2	*
Colwyn Bay, to 6 p.m.	39	35	bc. c. m. c	0.0	-	Folkestone, to 6 p.m.	48	40	r. bc. c. bc	1.7	0.39
Llandudno, to 9 p.m.	41	35	o	0.0	-	Deal, to 6 p.m.	48	42	r. bc. bc	1.6	0.35
Bettws-y-Coed, to 6 p.m.	*	*	*	0.0	-	Ramsgate, to 6 p.m.	*	*	*	0.6	0.36
Aberystwyth, to 6 p.m.	41	38	*	0.0	-	Margate, to 6 p.m.	48	41	r. o. b. o	1.0	0.30
Plymouth, to 9 p.m.	47	38	o. p. o. bc	0.3	0.12	Felixstowe, to 6 p.m.	46	39	*	1.1	0.36
Paignton, to 6 p.m.	43	36	o. bc. o	0.8	0.53	Lowestoft, to 6 p.m.	46	39	o. r. c	2.0	0.31
Torquay, to 6 p.m.	42	37	*	1.0	0.56	Skegness, to 6 p.m.	38	34	r. s. o	0.0	0.27
Teignmouth, to 9 p.m.	45	36	r. bc. r	1.1	0.66	Scarborough, to 9 p.m.	40	36	o. g. f. r. f	0.0	-
Weymouth, to 6 p.m.	45	40	o. s	0.5	0.20	Harrogate, to 6 p.m.	33	28	b. o. s	0.0	0.24
Bournemouth, to 6 p.m.	44	39	c. o. r. d	0.1	0.33	Buxton, to 9 p.m.	34	32	c. s	0.0	0.03
Southsea, to 6 p.m.	46	42	*	0.0	0.52	Darwen, to 9 p.m.	35	32	bc. o. s. o	0.0	0.05
Worthing, to 6 p.m.	48	42	c	1.8	0.38	Manchester, to 9 p.m.	38	36	bc. o. p. o	0.0	0.05
						Birmingham, to 9 p.m.	36	33	r. r. s. o	0.0	0.27

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.				
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				24 HOURS ENDED AT 9 A.M. TO-DAY.	25. & 26. Jan. 1912.	Sunrise	Noon	Sunset
%	%				In.	Hrs.		G.M.T.	G.M.T.	G.M.T.		
Greenwich (Royal Obs.) ...	81	100	48	38	o. b. p	0.20	1.3	Yarmouth	7.48	12.5	4.22	
City (Banhill Row)	*	*	*	*	*	*	0.0		7.47	12.6	4.24	
Westminster (St. James's Pk.)	80	95	47	39	b. bc. m.	0.33	0.1	Greenwich	7.51	12.12	4.33	
Camden Sq. (Brit. Rainfall)	84	96	47	38	or. bc. or. o	0.41	0.0		7.50	12.13	4.35	
Hampstead (Reservoir) ...	*	100	43	36	or. or m. or m	0.49	0.0	Wick	8.36	12.24	4.13	
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Valencia	8.34	12.25	4.15	
South Kensington ...	*	*	47	39	{ ordgm. or gm. o. or m {	0.34	} 0.0		8.34	12.53	5.12	
" (Roof of M.O.)	82	93	47	39		*		8.35	12.54	5.14		

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	-	63	45	bc. o	Rome	-	60	51	bc. c
Marseilles	0.67	61	50	c. c.	Vienna	-	30	28	f. f
Malta	-	64	57	- b	Utrecht	0.12	43	30	o. o
Algiers	0.18	68	55	c. o	Zürich	-	*	*	bc. bc
Tunis	-	72	43	b. r	Geneva	0.20	*	*	o. f
Palermo	-	71	45	c. o	Lugano	1.06	*	*	r. 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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

1912.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,

26th January, 1912.

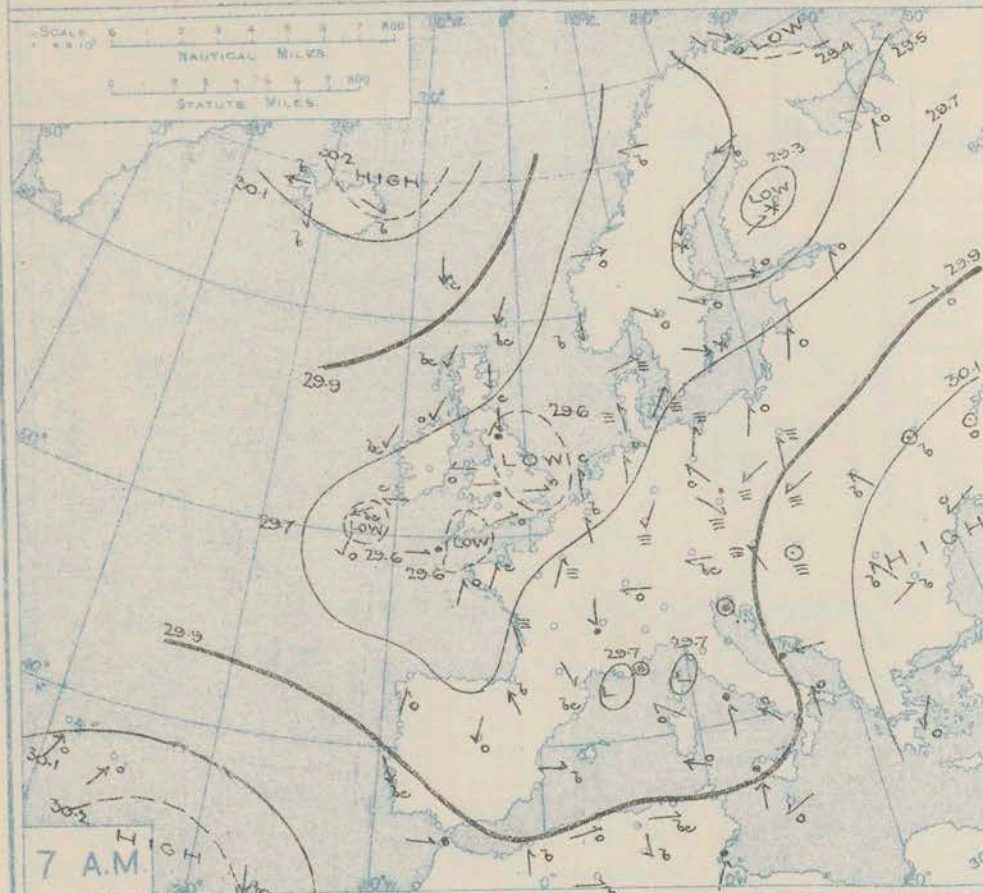
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					
	Barom.	Temp.	Wind.	Force	Weather.		Barometer.	Temp.	Wind.	Force	Weather.	Sea	Rain-fall.	Max.	Min.	Sun-shine.	Morn'g	Aftern'n	Night.			
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir. c.	(0 to 12).			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dir.	(0 to 12).				Hours.	7 a.m. to 1 p.m.	1 p.m. to 6 p.m.	6 p.m. to 7 a.m.			
BRITISH ISLANDS.	Lerwick ...	29.97	38	NNW	4	bc	29.99	+0.2	35	-3	NNW	4	bc	3	0.02	38	30	30	bc sp	bc sp	bc sp	
	Stornoway ...	29.98	39	ENE	4	o	30.13	+0.4	34	-1	NNE	4	c	4	0.02	42	32	3.0	bc	bc. cp	o. esp	
	Castlebay (Barra Isd.)	29.92	40	NE	3	bc	30.11	+0.4	36	-4	N	2	bc	2	Trace	43	35	5.1	c. bc	c. bc	bc. bc	
	Malin Head ...	29.86	39	NE	1	o	30.02	+0.4	29	+1	NE	4	bc m	2	-	42	37	+	bc v	bc v x	bc v x	
	Blacksod Point ...	29.83	40	N	1	o	29.98	+0.1	36	-1	ENE	3	c	3	-	41	34	+	om	om	bc	
	Valencia ...	29.80	36	NE	1	o	29.91	+0.2	40	+1	NE	3	o	3	-	42	35	0.6	c	bc	bc	
	Roche's Point ...	29.75	41	NE	3	c	29.90	+	40	-1	NE	2	o	3	0.02	41	39	+	o	o	op. o	
	Birr Castle ...	29.80	38	N	2	o	29.93	+	39	+3	N	2	o	+	-	40	32	3.4	bc	o	o	
	Donaghadee ...	29.83	42	NNE	3	og	30.02	+0.4	38	-2	NNE	4	b	4	-	42	38	+	bc	cg	bc	
	Liverpool Obsy. ...	29.75	40	N	2	c	29.95	+0.4	33	-4	NNE	3	b	2	-	42	32	0.5	o	cm	b	
	Holyhead ...	29.75	43	NE	3	c	29.95	+0.2	38	-3	ENE	3	b	2	-	43	36	+	o. cm	cm	b	
	Pembroke (St. Ann's Hd.)	29.72	40	NE	2	c	29.82	+0.3	39	o	NE	4	bc	4	-	45	38	3.5	og m	bc	cg	
	Newquay ...	29.65	45	W	2	bc	29.81	+0.4	39	-2	SE	1	of	2	-	51	36	4.7	bc. b	b. bc	b. of	
	Scilly (St. Mary's) ...	29.64	48	-	0	bc	29.76	+0.2	44	o	NE	3	cm	3	-	52	42	7.1	bc	bc	bc	
	Jersey (St. Aubin) ...	29.68	47	S	2	og m	29.75	+	45	-1	NNE	3	og m	3	0.06	52	40	2.7	og m	og m	bc. o	
	Portland Bill ...	29.68	43	ENE	3	c	29.80	+0.2	38	-8	ENE	4	bc	3	0.10	46	37	0.0	c. or	op	om. c	
	Dungeness ...	29.67	44	NW	3	c	29.78	+0.3	39	-7	N	4	r	3	0.07	48	38	1.8	bc	c	c. smot	
	Dover ...	29.71	43	SW	1	+	29.82	+	38	-3	NNW	3	r	2	0.06	50	37	3.2	b	bc. c	cap. d	
	Wick ...	29.91	37	NE	4	o	30.06	+0.4	33	-8	NNW	2	b	3	0.03	42	30	+	bc. c	c. bc. c	osp. bc	
	Nairn ...	29.91	37	NNE	2	bc	30.06	+	32	o	N	1	bc	1	0.14	39	32	0.5	c	ch. c	r. bc	
	Aberdeen ...	29.89	36	N	3	b	30.03	+0.3	34	-3	NW	3	b	2	0.02	41	32	2.6	cp. b.	bc. b	bc sp. b	
	Leith ...	29.88	39	NNW	3	c	30.03	+0.4	34	-5	N	2	c	+	0.03	41	30	+	op	op. c	c	
	North Shields ...	29.78	38	N	5	r	29.95	+0.2	34	-8	NW	2	o	3	0.23	42	33	0.0	-	-	r. hp	
	Spurn Head ...	29.64	40	WNW	4	o	29.86	+0.2	39	+4	NNE	6	cg	5	0.03	40	33	+	o	om	ocpg	
ICELAND & FAEROE.	Yarmouth ...	29.66	39	WSW	2	bc	29.81	+0.6	39	+2	N	3	od	2	-	40	36	1.5	bc	bc	o. c. o	
	Clacton-on-Sea ...	29.68	39	W	1	c	29.80	+0.3	38	-2	NW	2	c	1	Trace	43	33	2.6	og m fo	o. bc. c	c. ompo	
	Nottingham ...	29.71	39	NNW	3	b	29.89	+	35	+2	N	4	c	+	-	42	32	0.1	o. cm	o. c. m	bm. c	
	Bath ...	29.72	39	SE	1	o	29.86	+	38	o	NE	3	o	+	-	40	33	0.0	o	o	-	
	Oxford ...	29.76	38	NNW	2	o	29.89	+	37	+1	NNE	3	o	+	Trace	43	36	+	o. cm	bm. o	o	
	London (Kew Obsy.) ...	29.73	39	-	0	om	29.84	+0.2	38	-1	NE	4	o	+	0.27	40	31	0.0	om	om	om. bc. b	
SCANDINAVIA.	Isafjord ...	30.16	28	-	0	c	30.13	0.0	31	+3	-	0	b	+	+	+	+	+	+	+	+	
	Reykjavik ...	30.07	36	SE	5	o	30.15	+0.1	35	+4	-	0	r	+	+	+	+	+	+	+	+	
	Vestmanna ...	30.16	36	ESE	4	r	30.23	-0.1	37	o	SSE	1	bc	1	+	+	+	+	+	+	+	
	Seydisfjord ...	30.28	20	SW	1	b	30.21	-0.3	24	+1	-	0	o	+	+	+	+	+	+	+	+	
	Thorshavn ...	30.09	30	N	4	o	30.21	+0.2	30	-1	NNW	4	c	+	+	+	+	+	+	+	+	
	Haparanda ...	29.73	-20	N	2	b	29.92	+0.7	-18	-16	N	2	b	+	-	-2	-22					
GERMANY, &c.	Hernösand ...	29.87	2	-	0	b	20.00	+0.8	-9	-31	-	0	b	+	0.04	23	-9					
	Stockholm ...	29.74	24	ENE	4	o	29.97	+0.6	13	-12	ENE	4	b	+	-	28	10					
	Wisby ...	29.64	22	E	6	o	29.82	+0.5	22	-8	NE	6	c	+	0.04	32	21					
	Karlstad ...	29.75	19	-	0	o	29.98	+0.8	10	-17	N	2	b	+	-	28	9					
	Færder (Klania Fjord) ...	29.69	25	NNE	2	b	29.92	+0.8	23	+4	ENE	5	o	2	-	25	19					
	Bodö ...	29.80	12	E	2	b	29.86	+0.1	13	-1	E	4	bc	2	-	14	7					
	Christiansund ...	29.73	22	-	0	c	29.86	+0.4	26	-7	-	0	b	2	0.20	34	25					
	Skudesnaes ...	29.80	31	S	2	b	29.88	+0.4	24	-2	ENE	2	b	1	-	34	23					
	The Scaw (Skagen) ...	29.65	32	NNE	3	o	29.82	+0.8	28	-5	E	7	o	2	-	34	28					
	Blaavands Huk ...	29.61	35	W	1	f	29.69	+0.2	31	o	N	3	f	1	-	36	28					
FRANCE.	Cuxhaven ...	29.67	38	W	1	f	29.70	0.0	35	+2	W	1	m	+	-	41	33					
	The Helder ...	29.69	40	SW	1	c	29.75	+0.1	38	+2	NNW	2	c	2	Trace	43	36					
	Brussels ...	29.75	38	-	0	o	29.84	+0.1	35	-2	-	0	f	+	-	46	34					
	Berlin ...	29.68	35	S	1	b	29.72	0.0	36	+4	W	1	o	+	-	43	32					
	Frankfurt ...	29.75	33	-	0	f	29.81	+0.3	33	-3	-	0	f	+	-	41	32					
	Munich ...	29.76	33	W	1	r	29.85	+0.1	36	+9	SW	2	r	+	0.26	36	27					
	C. Gris Nez ...	29.69	45	SSW	3	c	29.79	+0.1	42	-3	NE	5	r	+	0.12	48	39					
	La Hève ...	29.70	42	SSE	2	bc	29.74	+	38	-1	S	2	r	2	0.08	52	34					
SPAIN, PORTUGAL, &c.	Brest (St. Mathieu) ...	29.72	48	SSW	1	b	29.76	0.0	41	-6	ENE	2	b	5	0.04	52	41					
	Lorient (Bec Melen) ...	29.67	48	-	0	c	29.73	+	43	-7	SNE	3	o	5	-	54	41					
	Rochefort (Ile d' Aix) ...	29.73	47	NW	3	c	29.73	+	47	+5	W	3	c	+	0.32	52	41					
	Biarritz ...	29.80	48	WNW	5	o	29.78	+	45	-3	S	3	b	4	0.04	54	43					
	Paris ...	29.77	40	S	2	o	29.80	0.0	37	o	S	1	o	+	-	41	37					
	Belfort ...	29.78	43	W	2	r	29.85	+	40	-1	E	2	f	+	0.12	46	40					
	Lyons ...	29.75	44	-	0	b	29.80	+0.2	44	o	-	0	c	3	0.20	48	39					
	Nice ...	29.74	48	E	1	b	29.77	0.0	46	-1	N	1	r	+	-	50	41					
	Perpignan ...	29.86	50	WSW	3	m	29.89	+	52	-1	SE	3	bc	3	-	55	43					
	Sanguinaire ...	29.83	48	SSW	2	bc	29.77	0.0	46	o	SSW	3	o	7	0.20	52	46					
GERMANY, &c.	Corunna (8 a.m.) ...	30.00	46	WSW	2	b	29.97	0.0	48	o	W	3	b	5	0.08	54	46					
	Lisbon (8 a.m.) ...	29.93	50	NW	2	bc	29.94	+	46	-7	NW	1	bc	+	-	+	+					
	Gibraltar ...	29.83	48	SSW	2	bc	29.77	0.0	46	o	SSW	3	o	7	0.20	52	46					
	Azores (P. Delgada) ...	29.88	62	SW	5	r	29.78	-0.3	62	+4	SW	4	f	5	0.12	63	58					
SPAIN, PORTUGAL, &c.	Azores (Horta) ...	29.88	62	SW	5	r	29.78	-0.3	62	+4	SW	4	f	5	0.12	63	58					
	Madeira (Funchal) ...	30.20	60	NW	2	bc	29.97	-0.4	57	+2	NW	2	r	5	Trace	63	46					

* Information for these columns not usually received.

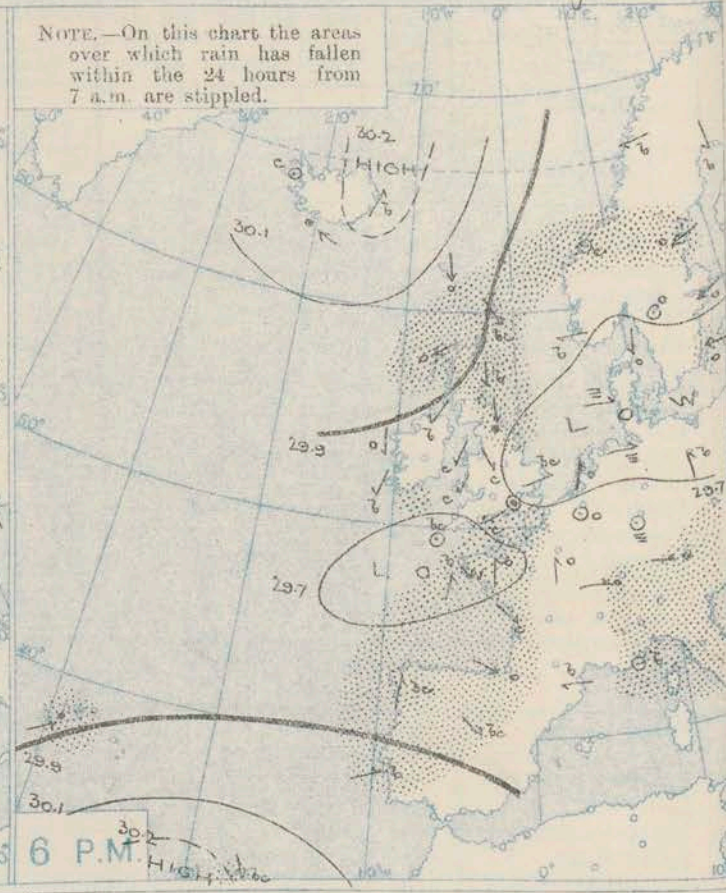
† Received too late for insertion in Charts.

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 25th January.



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.

During yesterday temperature rose to about 50° at some of our most southern and southwestern stations, but only to about 40° at several places in the east and north. Slight frost occurred in various localities at night. Snow showers have been experienced in the north-east of Great

Britain, and rain has fallen in the south, the largest measurement reported being 0.27 inch in London (Kew Observatory). Several hours of bright sunshine were recorded in the south-west and west, — about 7 hours at Sully and Aberystwyth.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON FRIDAY

TO NOON SATURDAY.

- | | | |
|---|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0 | a | N.W. or N.E. winds, light or moderate; fresh locally; fair or fine generally, some sleet or snow showers in places along east coast; temperature rather low, frost at night |
| | b | |
| 1 | | |
| 2 | a | Wind between N. and E., light or moderate, fresh locally; fair generally, air drier; temperature lower than of late. |
| | b | |
| 3 | | |
| 4 | a | Same as Nos. 3 to 5. |
| | b | |
| 5 | | |

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. 88 warnings issued.

- | | | |
|----|---|--------------------------------------------------------------------------------------|
| 6 | a | Wind mainly N.E. light or moderate; fair or fine, temperature lower, frost at night. |
| | b | |
| 7 | a | Same as Nos. 6 and 7. |
| | b | |
| 8 | a | Same as Nos. 6 and 7. |
| | b | |
| 9 | a | Same as Nos. 6 and 7. |
| | b | |
| 10 | a | Same as Nos. 6 and 7. |
| | b | |

11 WESTERN CHANNEL AND BAY.

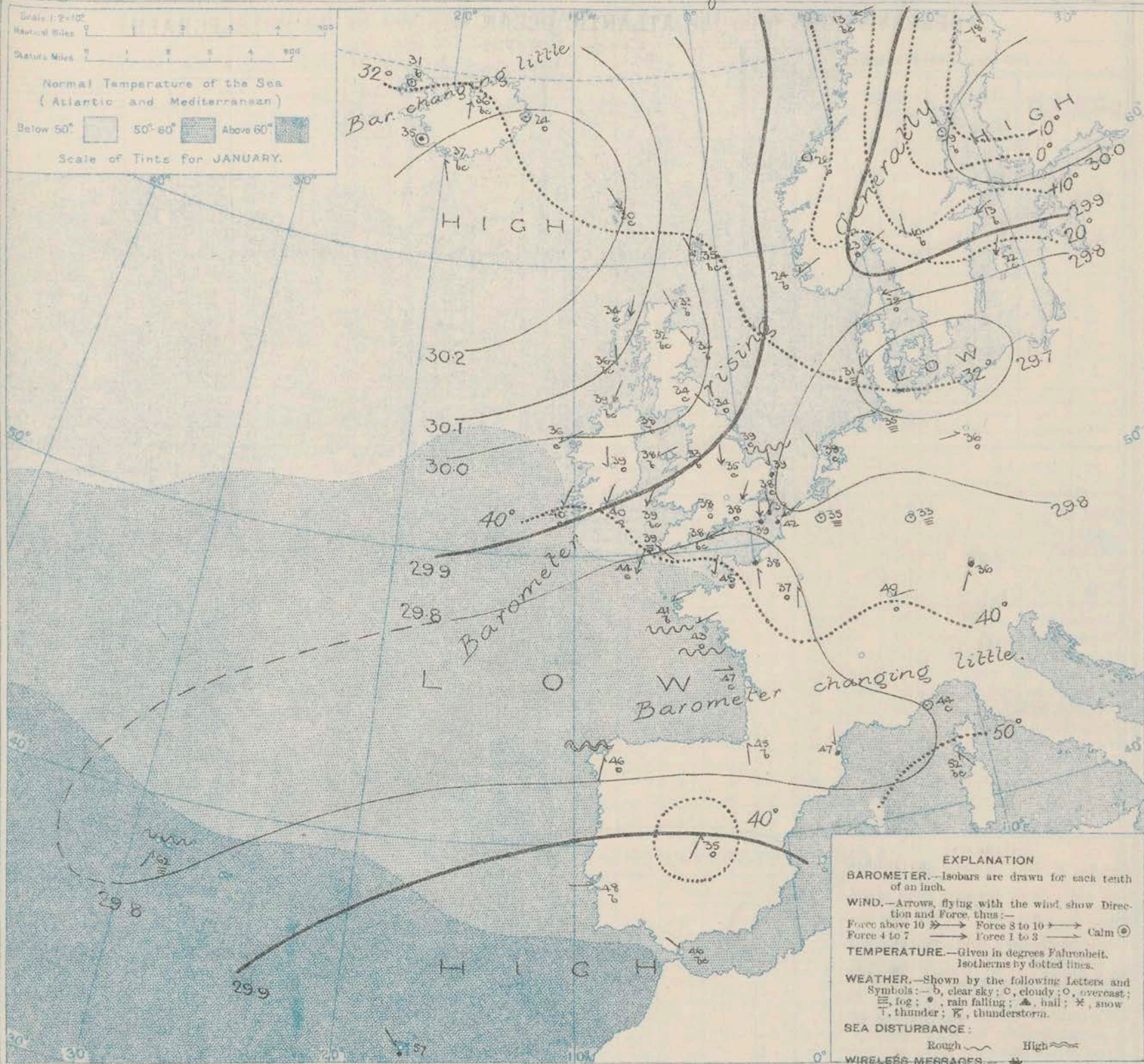
Wind mainly N. and N.E., light or moderate; fresh locally; sea slight or moderate; fair or fine generally.

THE FURTHER OUTLOOK.

Wind continuing between N. and E.

SYNOPTIC CHART FOR 7 A.M. Friday, 26th

JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is above 30.2 in. in an anticyclone lying over the Icelandic region, whence it decreases to below 29.7 in. over Denmark and the adjacent portion of Germany, and is nearly as low over Brittany.

The wind over the United Kingdom and the North Sea is mainly north-easterly, of light or moderate strength generally, but in the Skager Rack the force of a high wind is reported. Over France and Germany, light winds from various directions prevail. Temperature has fallen over the greater part of our area, very quickly in Sweden. Over the United Kingdom it ranges

from 45° at Jersey, and 44° at Sully to below 35° in many parts of Great Britain, and to 32° at Niarn. In France and Central Europe the values range from 47° at Rochefort to 33° at Frankfurt; and in Scandinavia from 24° at Skudesnass to 13° at Stockholm, and to 18° below zero in the extreme north of Sweden. The weather is fair or fine over Scandinavia, most of Iceland and in many parts of the United Kingdom, but rain is falling in the extreme south-east coast of England, and the north-east coast of France, and also at Munich and Perpignan, while fog prevails on the coast of Jutland and at Brussels.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The anticyclonic system over the Icelandic region is likely to move in a southerly or south-easterly direction

and to dominate the weather over the United Kingdom for a time.

DAILY WEATHER REPORT.

Friday, 26th January, 1912.

DAIL

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.		
	Lat. N.	Long. W.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.
25 January, 4 a.m.	49	13	29.66	N	1-3	Zealand	25 January, 7 a.m.	49	12	29.67	NNE	1-3	0	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.	43	31	b. c. c.	2.3	0.02	Brighton, to 6 p.m.	45	38	*	0.0	0.02
Dublin (City), to 4 p.m.	42	34	r. b. c. o.	*	0.08	Seaford, to 6 p.m.	48	39	b. c. r. c.	1.0	0.05
Blackpool, to 9 p.m.	43	32	o. c. o.	0.5	-	Eastbourne, to 6 p.m.	51	42	*	1.7	0.11
Southport, to 9 p.m.	42	34	sp. b. c. o.	0.1	Trace	Bexhill-on-Sea, to 9 p.m.	47	42	o	2.0	0.10
Rhyl, to 6 p.m.	42	31	o. b. c.	2.0	-	Hastings	*	*	*	2.2	*
Colwyn Bay, to 6 p.m.	43	32	o. b. c.	1.5	-	Folkestone, to 6 p.m.	49	41	r. b. c. p. o.	1.6	0.11
Llandudno, to 9 p.m.	41	33	o. b. c. o.	1.2	-	Deal, to 6 p.m.	47	39	ov. b. c. f. p. o.	2.3	0.17
Bettws-y-Coed, to 6 p.m.	44	30	*	6.7	-	Ramsgate, to 6 p.m.	*	*	*	1.9	-
Aberystwyth, to 6 p.m.	44	30	sp. b. c.	1.8	0.06	Margate, to 6 p.m.	42	40	b. c. m.	0.2	0.07
Plymouth, to 9 p.m.	44	33	o. b. c. o. d. m. o.	0.0	0.19	Felixstowe, to 6 p.m.	45	37	*	3.8	0.04
Paignton, to 6 p.m.	44	33	*	0.0	0.22	Lowestoft, to 6 p.m.	41	36	ov. r. c.	1.5	0.03
Torquay, to 6 p.m.	45	35	*	0.0	0.22	Skegness, to 6 p.m.	40	29	o	0.0	-
Teignmouth, to 9 p.m.	43	33	f. r. o.	0.0	0.12	Scarborough, to 9 p.m.	41	34	ov. g.	0.0	0.28
Weymouth, to 6 p.m.	42	36	r. o.	0.0	0.36	Harrogate, to 6 p.m.	38	33	o. c. o.	0.0	-
Bournemouth, to 6 p.m.	41	29	f. o. r. d.	0.0	0.60	Buxton, to 9 p.m.	37	30	ov. c. s. c.	0.0	-
Southsea, to 6 p.m.	43	36	*	0.0	0.16	Darwen, to 9 p.m.	41	32	ov. b. o. w.	0.6	-
Worthing, to 6 p.m.	45	35	c	0.0	0.02	Manchester, to 9 p.m.	43	32	o. c. o.	0.0	-
						Birmingham, to 9 p.m.	39	31	c. m. o.	3.5	-

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.			
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				26. 27. Jan., 1912.	Sunrise	Noon	Sunset
	%	%									
Greenwich (Royal Obs.)	96	88	39	35	o. r. m.	0.13	0.0	Yarmouth	7.47	12.6	4.20
City (Bunhill Row)	*	*	*	*	*	*	0.0		7.46	12.6	4.26
Westminster (St. James's Pk.)	92	86	40	37	m. r.	0.31	0.0		7.50	12.3	4.35
Camden Sq. (Brit. Rainfall)	91	90	40	34	o. of. c.	0.17	0.0		7.49	12.13	4.37
Hampstead (Reservoir)	*	91	37	34	ov. m. b. c. o. c.	0.10	0.0		8.34	12.25	4.15
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Wick	8.32	12.25	4.17
South Kensington	*	*	46	37	om, orgm, of, or	0.42	0.0	Valencia	8.33	12.54	5.10
" (Roof of M.O.)	88	86	46	38		*			8.32	12.54	5.16

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	1.10	63	50	o. r	Rome	0.08	61	55	o. r
Marseilles	0.51	59	36	o. o	Vienna	-	34	30	f. f
Malta	0.24	64	55	- o	Utrecht	-	48	36	o. bc
Algiers	0.04	64	50	o. o	Zürich	-	*	*	o. f
Tunis	Not recd.				Geneva	-	*	*	o. o
Palermo	-	69	57	o. r	Lugano	0.75	*	*	r. 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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

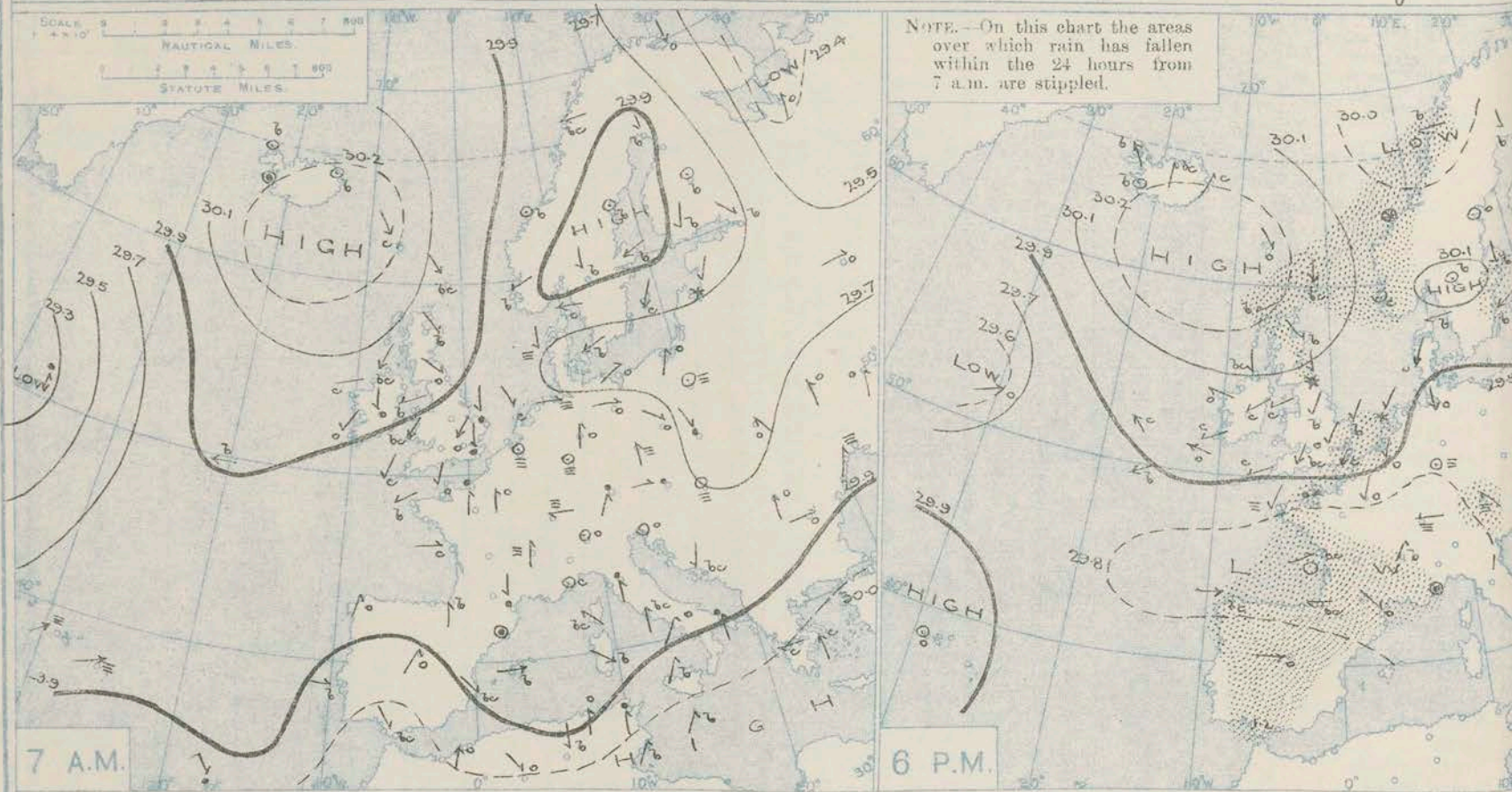
The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.

STATION LIST (continued from previous page):
Lerwick, Storm, Castle, Malin, Black, Valen, Roche, Birr, Donag, Liver, Holy, Pemb, Newq, Scilly, Jersey, Portla, Dunge, Dover, Wick, Nairn, Aberd, Leith, North, Spurn, Yarm, Clact, Nottin, Bath, Oxfor, Lond, Isafj, Reykj, Vestm, Seydis, Thors, Hapa, Hern, Stock, Wisb, Karls, Færd, Bodö, Chris, Skud, The S, Blaav, Cuxh, The I, Brusi, Berli, Fran, Muni, C. G, La H, Bres, Loric, Roch, Biar, Paris, Belfo, Lyon, Nice, Perp, Sang, Coru, List, Gibb, Azor, Azor, Mac

Saturday
27th January, 1912.

† Received too late for insertion in Charts.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer remained below 40° in many parts of this country, and at night it fell to a little below 32° over a large area. Some showers of rain, sleet or snow were experienced in a few localities, but generally the weather was

much brighter than of late. Many districts reported several hours of bright sunshine. According to wireless reports a strong breeze from the S.W., to the eastward of a deep depression, prevailed in the Atlantic in latitude 51°, longitude 34°.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

0 { a) Light Variable to S.W. winds; fair or fine; cold, sharp frost at night; b) finally milder.

1 { Light Variable winds; fair or fine, mist or fog locally; cold, sharp frost at night.

2 { a) b)

3 { Wind mainly E. or S.E., light

4 { a) or moderate; fresh locally; fair or fine; becoming colder, frost at night.

5 { keen, dry air.

FORECAST DISTRICTS.



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

Signal hoisted yesterday South Cone North Cone Signal hoisted this morning South Cone North Cone

6 { a) Same as Nos. 1 and 2.

7 { a) b) Same as Nos. 3 to 5.

8 { a) b)

9 { a) E. to S.E. winds, light or moderate; fair or fine; temperature low.

10 { a) b)

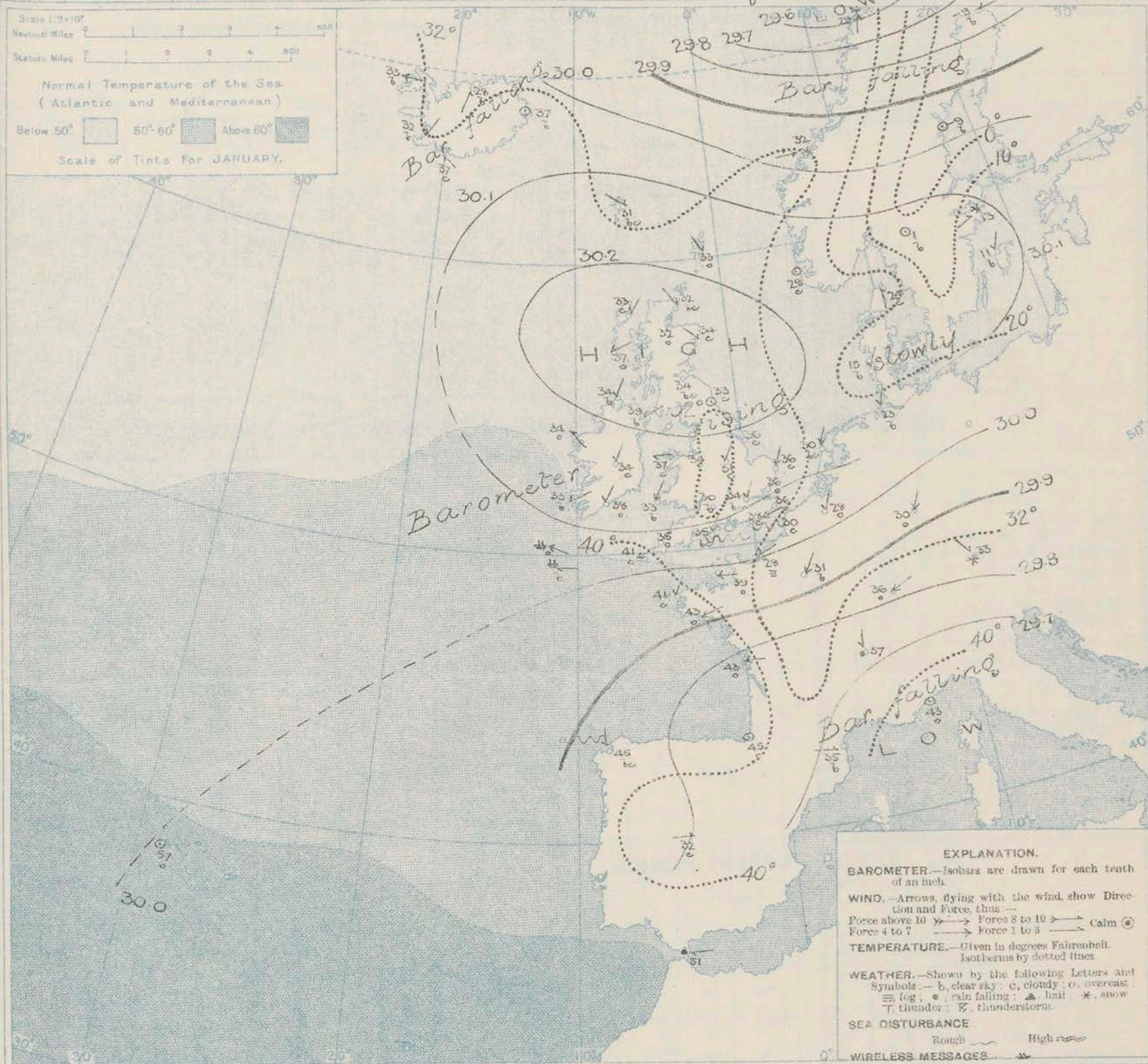
11 WESTERN CHANNEL AND BAY.

E. and S.E. winds, moderate or fresh; sea moderate; fair or fine generally; cold.

THE FURTHER OUTLOOK. DISTRICTS 1 to 10.

Continuing fair and cold generally.

SYNOPTIC CHART FOR 7 A.M. *Saturday, 27th* JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The central area of the anticyclone now covers Scotland where the barometer is above 30.2 in. To the north-eastward the readings decrease to below 29.6 in. in the north of Norway, and in a southerly direction to below 29.7 in. in the south of France.

The wind is N.E. over England, Ireland and Germany, the Netherlands and France, and blows a fresh breeze in many localities. In most parts of Scotland it is light and variable, and in the north of Norway moderates

strong from the S.W. Temperature has fallen in most regions, risen in Norway. Over the United Kingdom it ranges from 41° at Sully to about 32° in the northeast of Scotland, and to 30° at Bath. The weather is fair or fine in many parts of these islands, but very cloudy or overcast in places. Over the Continental portion of our area the condition of the sky varies greatly; at Munich and in several parts of Scandinavia snow is falling, and at Gibraltar rain is reported.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The anticyclonic system will continue to dominate the weather conditions over these

islands, as it moves in a southerly or south-easterly direction to the Continent

DAILY WEATHER REPORT.

Saturday, 27th January, 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 Dis- turb- ance
	Lat. N.	Long. W.		Dirac.	Force.			Lat. N.	Long. W.		Dirac.	Force.		Air.	Dry Bulb.	Wet Bulb.		Sea.
	"	"	In.					"	"	In.					"	"	"
27 January, 4 a.m.	50	11	30.03	ENE	4-5	Lake Michigan	27 January, 7 a.m.	50	11	30.06	ESE	8-9	0	-	-	-	-
" " 4 a.m.	49	11	?	E	4-5	St. Louis	" " 7 a.m.	49	10	30.19	E	1-3	6	-	-	-	-
26 " 3 p.m.	49	17	29.86	SSE	4-5		" " 6 p.m.	49	16	29.88	ENE	4-5	6	-	-	-	-
" " 3 p.m.	52	31	29.48	SW	4-5	Columbia	" " 6 p.m.	52	29	29.55	WSW	4-5	0	-	-	-	-
" " 3 p.m.	50	10	29.91	E	1-3	Arabe	" " 6 p.m.	51	11	29.98	ESE	10-11	0	-	-	-	-
" " 3 p.m.	51	17	29.97	SE	4-5	Hispania	" " 6 p.m.	51	16	29.98	SE	4-5	0	-	-	-	-
" " 4 a.m.	51	21	29.87	ESE	4-5		" " 7 a.m.	49	20	29.91	E	4-5	6	-	-	-	-
" " 4 a.m.	50	36	29.23	SSE	6-7	Columbia	" " 7 a.m.	51	34	29.23	S	6-7	7	-	-	-	-

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.	40	29	b.c.b	7.8	-	Brighton, to 6 p.m.	41	39	*	0.0	0.08
Dublin (City), to 4 p.m.	41	38	orh.p. bc	*	0.11	Seaford, to 6 p.m.	44	38	1.0	0.0	0.33
Blackpool, to 9 p.m.	40	28	bc.c.b	5.6	-	Eastbourne, to 6 p.m.	46	37	*	0.0	0.46
Southport, to 9 p.m.	40	31	b.c.b.c	5.6	-	Bexhill-on-Sea, to 9 p.m.	42	38	-	0.0	0.30
Rhyl, to 6 p.m.	39	35	c.b.c	6.2	-	Hastings	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	39	36	bc.c	0.0	-	Folkestone, to 6 p.m.	45	37	0.1.0	0.0	0.12
Llandudno, to 9 p.m.	43	36	o.b.c	5.6	-	Deal, to 6 p.m.	43	38	or.opogo	0.0	0.07
Bettws-y-Coed, to 6 p.m.	42	31	*	5.7	*	Ramsgate, to 6 p.m.	*	*	*	0.2	0.06
Aberystwyth, to 6 p.m.	42	31	c.o.b.c	0.8	-	Margate, to 6 p.m.	43	39	*	0.0	0.07
Plymouth, to 9 p.m.	42	39	c.o.b.c	0.0	-	Felixstowe, to 6 p.m.	41	34	*	0.0	-
Paignton, to 6 p.m.	41	37	o.c.b.c	0.0	-	Lowestoft, to 6 p.m.	46	36	c.r.c	1.1	-
Torquay, to 6 p.m.	42	38	*	0.0	-	Skegness, to 6 p.m.	41	33	sp.b.c.b	3.5	0.02
Teignmouth, to 9 p.m.	41	37	p.c	0.0	0.04	Scarborough, to 9 p.m.	41	36	o.c.b.c.b	3.5	0.35
Weymouth, to 6 p.m.	42	35	1.8	0.01	-	Harrogate, to 6 p.m.	37	31	os.c.b.c.b	5.4	0.01
Bournemouth, to 6 p.m.	42	34	m.o.c.b.c	1.3	-	Buxton, to 9 p.m.	37	31	bcx.b.c	5.5	-
Southsea, to 6 p.m.	42	37	*	0.0	0.06	Darwen, to 9 p.m.	37	30	m.b.c	3.8	-
Worthing, to 6 p.m.	41	38	0	0.0	0.10	Manchester, to 9 p.m.	40	35	o.c.b.c	2.4	-
						Birmingham, to 9 p.m.	37	33	o.c.o.b	0.9	-

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE.		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.			
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				27 & 28 Jan., 1912.	Sunrise	Noon	Sunset
	%	%									
	24 HOURS ENDED AT 9 A.M. TO-DAY.										
Greenwich (Royal Obsy.) ...	83	71	40	32	o.b.x.s	In.	Hrs.		G.M.T.	G.M.T.	G.M.T.
City (Bunhill Row) ...	*	*	*	*	*	*	0.0	Yarmouth ...	{ 7.46 7.44	12.6	4.26 4.28
Westminster (St. James's Pk.)	77	67	42	34	m.b.	-	0.0	Greenwich ...	{ 7.49 7.47	12.13	4.37 4.39
Camden Sq. (Brit. Rainfall)	76	75	41	31	c.o	-	0.0	Wick ...	{ 8.32 8.30	12.25	4.17 4.19
Hampstead (Reservoir) ...	*	78	34	30	o.b.s.c.x	-	0.0	Valencia...	{ 8.32 8.30	12.54	5.16 5.18
24 HOURS ENDED AT 6 P.M. YESTERDAY.											
South Kensington ...	*	*	41	37	{ c.o	{ 0.25	{ 0.0				
" (Roof of M.O.)	78	76	42	38				*			

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	In.	59	48	c.b	Rome	1.30	59	40	bc.b.c
Marseilles	-	55	41	o.b.c	Vienna	0.45	36	34	r.f
Malta	0.08	63	52	-b	Utrecht	-	46	37	b.m
Algiers	2.09	66	50	bc.o	Zürich	0.16	*	*	r.f
Tunis	-	68	41	b.r	Geneva	-	*	*	o.o
Palermo	0.16	63	46	o.b	Lugano	0.71	*	*	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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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1912.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

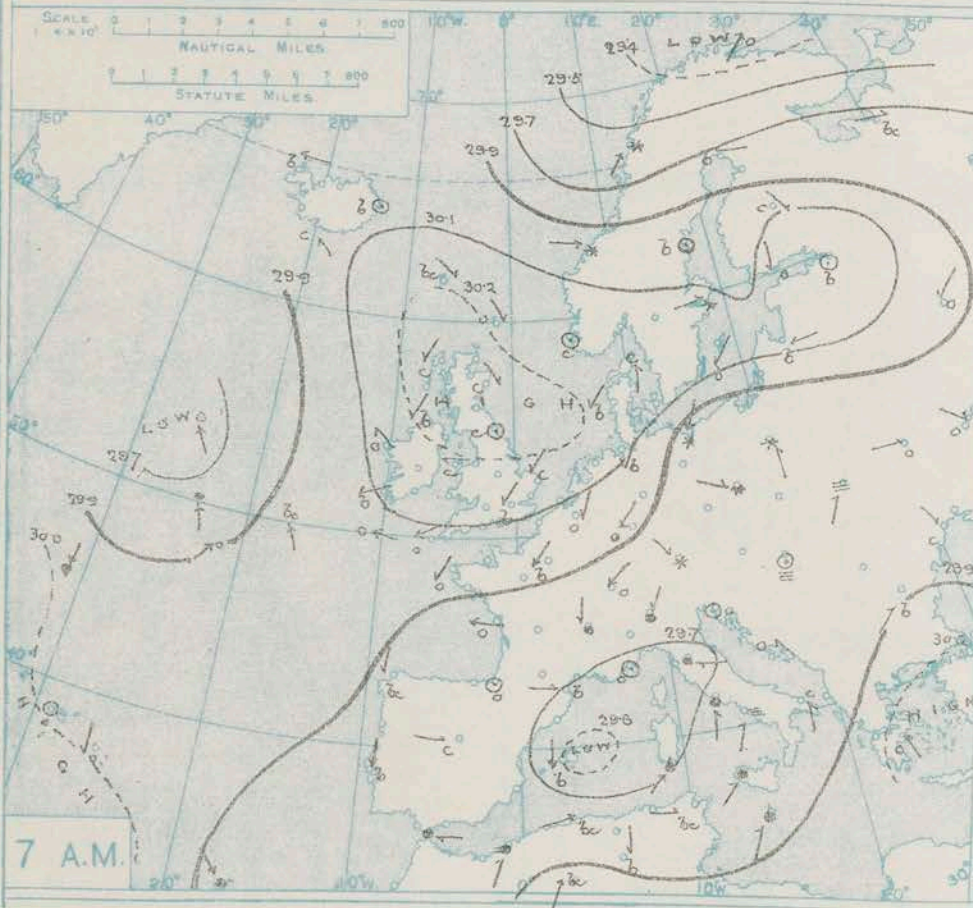
Sunday
28th January, 1912.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						
	Barom.	Temp.	Wind.	Force	Weather.		Barometer.		Temp.		Wind.		Force	Weather.	Sea	Rain-fall.	Temp.		Sun-shine.	Weather.			
							At 82° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).					Max.	Min.		Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.	
BRITISH ISLANDS.	Lerwick	30.15	35	WNW	2	bc	30.11	-.02	36	+3	WNW	1	c	1	1	0.08	36	32	4	bc	bc	bc	
	Stornoway	30.22	33	NW	1	c	30.21	00	34	-2	-	0	b	1	1	Trace	37	30	2.4	bc	bc	bc	
	Castlebay (Barra Isd.)	30.21	40	S	2	o	30.20	-.01	38	+1	SSW	2	o	2	2	-	40	36	0.1	o	o	=	
	Malin Head	30.22	36	SSE	2	ogm	30.19	-.01	35	+1	S	3	og	2	2	-	39	34	*	ogm	ogm	ogm	
	Blacksod Point	30.19	38	SE	2	o	30.13	-.02	34	0	?ESE	2	b	3	3	-	39	33	*	bc	om	om	
	Valencia	30.16	38	E	3	bc	30.12	-.04	38	+5	E	3	b	3	3	-	42	31	6.4	bc	bc	bc	
	Roche's Point	30.19	36	SE	3	bc	30.15	*	41	+3	E	3	o	3	3	-	42	33	*	o. bc	bc	bc	
	Birr Castle	30.19	37	SE	1	o	30.17	*	35	+1	SE	2	o	2	2	Trace	42	32	5.3	c	o	o	
	Donaghadee	30.26	36	WNW	1	crsp	30.26	00	34	-5	SSW	2	c	2	2	-	40	34	*	bc	bepa	ompem	
	Liverpool Obsy.	30.28	33	-	0	m	30.30	-.01	26	-8	ESE	2	b	2	2	-	37	25	2.4	om	om	b	
	Holyhead	30.24	34	ESE	2	b	30.27	-.01	28	-9	SE	1	b	1	1	-	40	27	*	bc	bc	bc	
	Pembroke (St. Ann's Hd.)	30.21	34	ENE	2	b	30.25	00	29	-4	ENE	2	og	2	2	-	40	29	6.0	b	bc	bc	
	Newquay	30.14	34	ESE	2	b	30.24	*	32	-3	E	1	o	1	1	-	40	28	1.3	c. bc	bc	bc	
	Scilly (St. Mary's)	30.11	41	E	4	bc	30.16	00	40	-1	ESE	2	og	2	2	-	45	37	0.1	ogm	ogm	ogm	
	Jersey (St. Aubin)	30.08	37	NE	4	bc	30.18	*	32	-7	E	3	bm	3	3	-	46	32	5.4	bc	bc	bc	
	Portland Bill	30.17	35	NE	4	b	30.21	00	32	-3	NE	4	c	4	4	-	40	32	3.6	c	c	bc	
	Dungeness	30.12	35	NE	7	og	30.21	+0.2	34	-4	E	4	bc	4	4	-	38	31	1.5	og	og	og	
	Dover	30.17	32	NE	4	b	30.25	*	29	-7	NE	1	b	2	2	Trace	36	28	1.9	o. c	bc	bc	
	Wick	30.22	32	WNW	2	bc	30.19	00	32	0	WNW	2	bc	2	2	-	35	29	*	bc	bc	bc	
	Nairn	30.23	32	-	0	o	30.21	*	27	-5	-	0	b	1	1	-	35	25	0.0	o	o	o	
	Aberdeen	30.25	33	W	1	bc	30.23	00	30	-4	WSW	1	b	2	2	-	37	29	0.9	bc	bc	bc	
	Leith	30.28	35	W	1	o	30.25	00	34	0	W	1	o	2	2	-	37	32	*	og	o	og	
	North Shields	30.27	35	WNW	1	om	30.27	00	33	0	WNW	1	c	2	2	-	37	30	1.8	c	c	c	
	Spurn Head	30.27	33	E	3	bc	30.28	00	30	-6	W	2	b	3	3	-	39	28	*	bc	bc	bc	
Yarmouth	30.26	35	ENE	3	b	30.28	00	29	-7	NW	1	b	1	1	-	36	28	6.9	bc	b	b		
Clacton-on-Sea	30.20	33	NE	3	b	30.26	+0.1	34	-2	NE	1	bc	2	2	-	38	33	5.2	o. c. bc	bc	bc		
Nottingham	30.25	31	E	2	b	30.27	*	23	-8	WSW	1	bc	1	1	-	37	19	4.9	c. bc	bc	bc		
Bath	30.21	32	NE	1	b	30.21	*	24	-6	NE	1	b	1	1	-	39	23	6.5	-	-	-		
Oxford	30.26	29	NE	2	b	30.31	*	23	-7	NE	1	b	1	1	-	38	23	*	-	-	-		
London (Kew Obsy.)	30.22	34	NE	4	bm	30.27	+0.2	26	-8	NNE	1	bc	1	1	-	37	25	0.8	bc	bc	bc		
ICELAND & FAEROE.	Isafjord	29.91	28	-	0	b	29.73	-.01	40	+7	S	8	b	8	8	-	*	*	*	*	*	*	
	Reykjavik	29.84	37	NE	3	c	29.75	+0.4	39	+7	E	5	b	5	5	-	*	*	*	*	*	*	
	Vestmanna	29.93	38	E	5	o	29.96	00	30	-7	-	0	bc	0	0	-	*	*	*	*	*	*	
	Seydisfjord	29.96	34	SW	3	b	29.96	00	30	-7	-	0	bc	0	0	-	*	*	*	*	*	*	
	Thorshavn	30.12	36	NW	1	c	30.07	00	40	+9	W	4	r	4	4	-	*	*	*	*	*	*	
SCANDINAVIA.	Haparanda	29.26	16	N	4	c	29.45	+0.4	8	+17	E	2	o	2	2	-	19	-9	-	-	-	-	
	Hernösand	29.78	23	S	4	bc	29.54	+0.2	21	+10	NW	2	bc	2	2	-	32	-9	-	-	-	-	
	Stockholm	29.99	15	SW	4	bc	29.80	-.02	23	+10	W	4	o	4	4	-	23	12	-	-	-	-	
	Wisby	30.12	17	SE	4	o	29.96	-.06	24	+13	W	8	bc	8	8	-	39	10	0	-	-	-	
	Karlstad	30.01	17	WSW	2	o	29.85	-.04	23	+22	-	0	o	2	2	-	23	16	-	-	-	-	
	Færder (X'tania Fjord)	30.01	25	WSW	2	bc	29.87	-.03	30	+13	WSW	4	o	4	4	-	25	16	-	-	-	-	
	Bodö	29.40	30	W	4	bc	29.45	+0.1	24	-5	E	2	o	2	2	-	32	23	-	-	-	-	
	Christiansund	29.77	39	W	6	s	29.78	-.02	36	+4	WSW	7	s	7	7	0.79	39	32	-	-	-	-	
	Skudesnaes	30.13	30	-	0	b	30.05	-.01	37	+9	NW	6	o	6	6	-	32	27	-	-	-	-	
	The Scaw (Skagen)	30.10	25	SW	2	bc	29.95	-.04	26	+2	WSW	3	bc	3	3	-	27	23	-	-	-	-	
Blaavands Huk	30.15	31	WNW	3	o	30.10	-.03	31	+16	NW	2	c	2	2	-	32	10	-	-	-	-		
GERMANY, &c.	Cuxhaven	30.22	26	NNE	1	b	30.13	-.04	33	+10	NW	1	o	1	1	-	34	23	-	-	-	-	
	The Helder	30.27	29	ENE	2	b	30.26	-.03	34	+4	WNW	2	bc	2	2	-	34	23	-	-	-	-	
	Brussels	30.20	25	ENE	4	b	30.26	+0.3	19	-9	ENE	3	b	3	3	-	31	18	-	-	-	-	
	Berlin	30.15	26	N	4	c	30.20	-.01	21	-9	SW	1	bc	1	1	-	39	19	-	-	-	-	
	Frankfurt	30.15	26	NE	3	b	30.19	-.01	21	-9	NE	2	b	2	2	-	37	21	-	-	-	-	
	Munich	30.03	25	NE	6	o	30.13	+0.1	20	-13	NE	6	o	6	6	-	32	19	-	-	-	-	
FRANCE.	C. Gris Nez	30.15	28	NE	5	b	30.24	+0.2	26	-4	ENE	3	b	3	3	-	32	23	-	-	-	-	
	La Hève	30.07	28	ENE	3	m	30.17	*	22	-6	E	2	b	2	2	-	32	19	-	-	-	-	
	Brest (St. Mathieu)	30.10	38	ENE	4	b	30.17	+0.1	31	-10	ENE	2	b	2	2	-	43	23	-	-	-	-	
	Lorient (Bec Melen)	29.99	37	NE	6	b	30.11	*	30	-13	ENE	4	bc	4	4	-	52	27	-	-	-	-	
	Rochefort (Ile d'Aix)	29.86	35	NE	4	c	30.02	*	3														

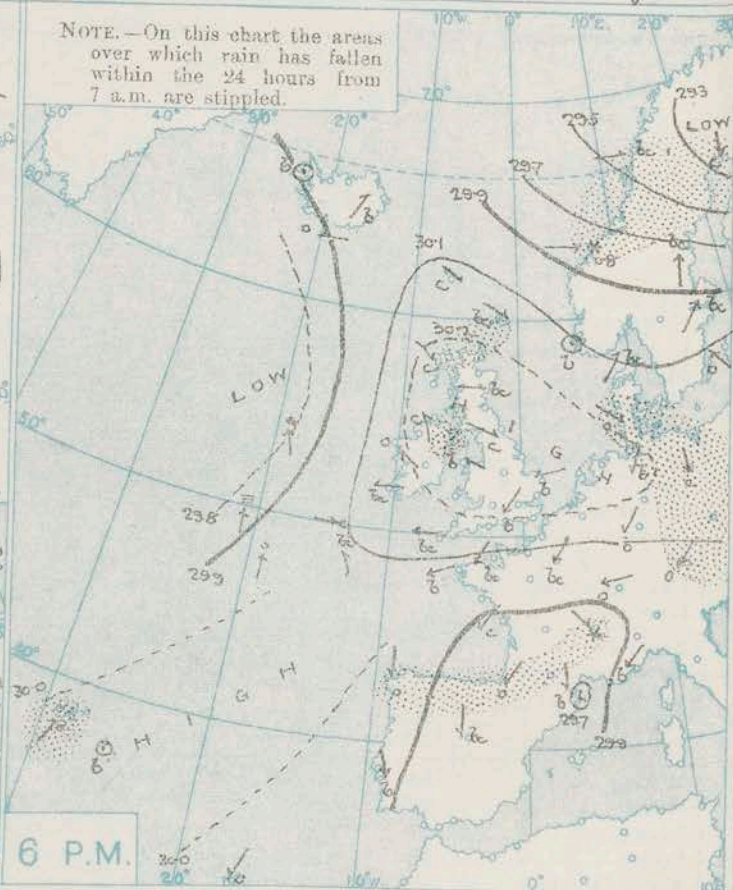
* Information for these columns not usually received.

† Received too late for insertion in Charts.

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



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.

During yesterday temperature touched 46° at Jersey and 45° at Sully, but in most places it remained below 40°. Night frost occurred in many districts, the shade readings being as low as 22° at Birmingham, Manchester & Harrogate, 20° at Blackpool and Southport, and 19° at Nottingham, and grass readings of 18° at

Oxford and 13° at New Observatory. Bright sunshine was very variable, none or less than an hour in some places, six hours or more in others. As far west as the 25th meridian ships experienced E. to S. winds light to a gale in force, and further west S. to S.W. winds, the weather generally being fair to dull and rainy.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON

TO NOON

0 { a
b

1

2 { a
b

3

4 { a
b

5

FORECAST DISTRICTS.



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

Signals hoisted yesterday

South Cone

North Cone

Signals hoisted this morning

South Cone

North Cone

No Warnings issued

6 { a
b

7 { a
b

8 { a
b

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b

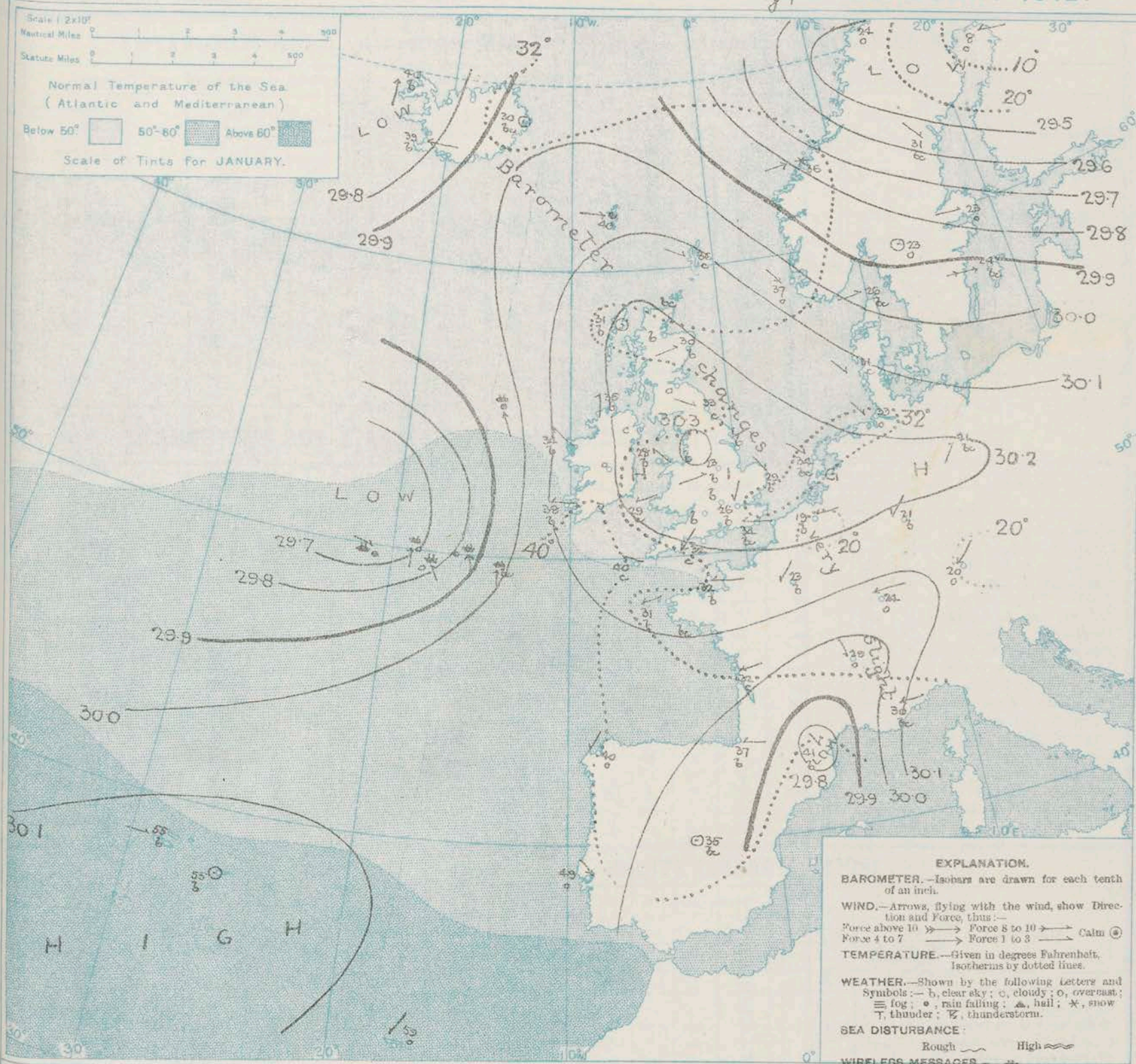
11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

No one issued

No one issued

SYNOPTIC CHART FOR 7 A.M. Sunday, 28th JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A high pressure system covers the British Isles and the neighbouring parts of the Continent, the barometer reading, 30.3 in. at Liverpool. In a depression over Northern Scandinavia pressure is below 29.5 in. The gradient is moderately steep over Scandinavia, slight elsewhere.

W. to N.W. breezes prevail on the east coast of Britain and beyond the North Sea, S. in Ireland, and N.W. to S.W. over the rest of our area. The force generally is very light.

but a strong or high wind is reported between Ireland and the 20th meridian, and on the Norwegian coast, a gale at Wisby. Temperature has fallen in most parts of the British Isles and the western portion of the Continent, risen elsewhere, decidedly in Sweden, gone up 40° at Haparanda. At the home stations the value range from 23° at Nottingham and Oxford to 41° at Roches Point; on the Continent from 19° at Brussels to 41° at Perpignan; in Scandinavia from 8° at Haparanda to 37° at Skudsmo; and in Ireland 30° to 40°. Overcast skies prevail over Scandinavia, rain is falling in the Færes, snow at Christiansund, but in other regions the weather is mostly fine. The sea is slight to very smooth.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

DAILY WEATHER REPORT.

Sunday, 28th January, 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.		
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Alt.		Sea.
														Dry Bulb.	Wet Bulb.	
	"	"	In.					"	"	In.				"	"	"
Jan. 27th 3p.m.	49	11	30.10	E	1-3	Marquette	Jan. 27th 6pm.	49	12	30.10	SE	1-3	bc			
" " "	54	21	29.69	SSE	6-7	Columbia	" " "	54	19	29.78	SSE	6-7	r			
" " "	48	20	29.92	S	4-5	Minnchaha	" " "	48	19	29.97	S	4-5	o			
" " "	50	14	30.07	SE	1-3	Lake Michigan	" " "	50	15	30.06	E	6-7	c			
" " 4a.m.	51	12	30.08	SE	4-5	Hesperian	" " 7a.m.	51	10	30.10	E	4-5	b			
" " "	53	26	29.62	SSE	4-5	Columbia	" " "	53	25	29.64	SE	6-7	o			
" " "	48	24	29.80	-	0	Minnchaha	" " "	48	22	29.85	SSW	4-5	o			

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.				Hrs.	In.	Brighton, to 6 p.m.				Hrs.	In.
Dublin (City), to 4 p.m.	39	37	o. ph. c.	*	0.01	Seaford, to 6 p.m.	39	31	bc. b. o	4.1	-
Blackpool, to 9 p.m.	35	28	o. c. b. m.	0.0	-	Eastbourne, to 6 p.m.					
Southport, to 9 p.m.	36	28	by. x. bc	0.9	-	Bexhill-on-Sea, to 9 p.m.	38	31	bc. b.	3.1	-
Rhyl, to 6 p.m.	38	28	bc. b. bc	4.2	-	Hastings	*	*	*	2.6	-
Colwyn Bay, to 6 p.m.	40	32	bc	4.2	-	Folkestone, to 6 p.m.	41	32	o. c. bc	1.7	-
Llandudno, to 9 p.m.	40	30	bc. o. b	4.2	-	Deal, to 6 p.m.					
Bettws-y-Coed, to 6 p.m.						Ramsgate, to 6 p.m.	*	*	*	3.6	-
Aberystwyth, to 6 p.m.	41	30	*	6.7	*	Margate, to 6 p.m.	38	33	*	3.6	-
Plymouth, to 9 p.m.	40	36	cc. q. bc	5.6	-	Felixstowe, to 6 p.m.	37	32	*	6.1	0.01
Paignton, to 6 p.m.	41	37	bc	3.9	-	Lowestoft, to 6 p.m.					
Torquay, to 6 p.m.						Skegness, to 6 p.m.	39	33	b	6.8	-
Teignmouth, to 9 p.m.	41	34	c. bc. b	3.7	-	Scarborough, to 9 p.m.	40	34	bc. bc	5.0	-
Weymouth, to 6 p.m.	39	32	b	3.6	-	Harrogate, to 6 p.m.	29	28	bc. bc. b	3.5	0.01
Bournemouth, to 6 p.m.	35	31	c. bc. b	1.8	-	Buxton, to 9 p.m.	34	23	cc. bc. bc	2.7	-
Southsea, to 6 p.m.	41	34	*	?	-	Darwen, to 9 p.m.	35	28	bc. b	0.7	-
Worthing, to 6 p.m.	39	33	c. b	4.3	-	Manchester, to 9 p.m.	38	30	bc. by	0.9	-
						Birmingham, to 9 p.m.	36	28	c. b	2.4	-

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.		
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				28th Jan. 1912.	Sunrise	Noon
Greenwich (Royal Obs.)	74	87	38	23	c. b. bc	In.	Hrs. 2.7	Yarmouth	G.M.T. 7.44	G.M.T. 12.6
City (Bunhill Row)	*	*	*	*	*	*	1.4		G.M.T. 7.42	G.M.T. 12.6
Westminster (St. James's Pk.)	66	81	38	27	bc. m. bc. m.	*	1.6		G.M.T. 7.47	G.M.T. 12.13
Camden Sq. (Brit. Rainfall)	69	84	39	22	o. bc. m.	-	2.7		G.M.T. 7.46	G.M.T. 12.13
Hampstead (Reservoir)	*	100	35	26	bc. b	-	2.6		G.M.T. 8.30	G.M.T. 12.15
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Wick	G.M.T. 8.18	G.M.T. 12.15
South Kensington	*	*	40	33	o. c. bc. b	Trace	*	Valencia	G.M.T. 8.30	G.M.T. 12.54
" (Roof of M.O.)	70	68	39	34	*	*	0.8		G.M.T. 8.28	G.M.T. 12.54

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	0.32	59	46	bc. r.	Rome	0.28	58	49	o. r
Marseilles	0.20	55	43	r. bc	Vienna	-	43	36	o. o
Malta	0.63	63	52	r	Utrecht	-	41	28	b. o
Algiers	0.04	59	48	o. bc	Zürich	-	*	*	c. o
Tunis	0.20	61	45	r. bc	Geneva	-	*	*	o. o
Palermo	0.04	64	49	o. r	Lugano	0.12	*	*	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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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

1912

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

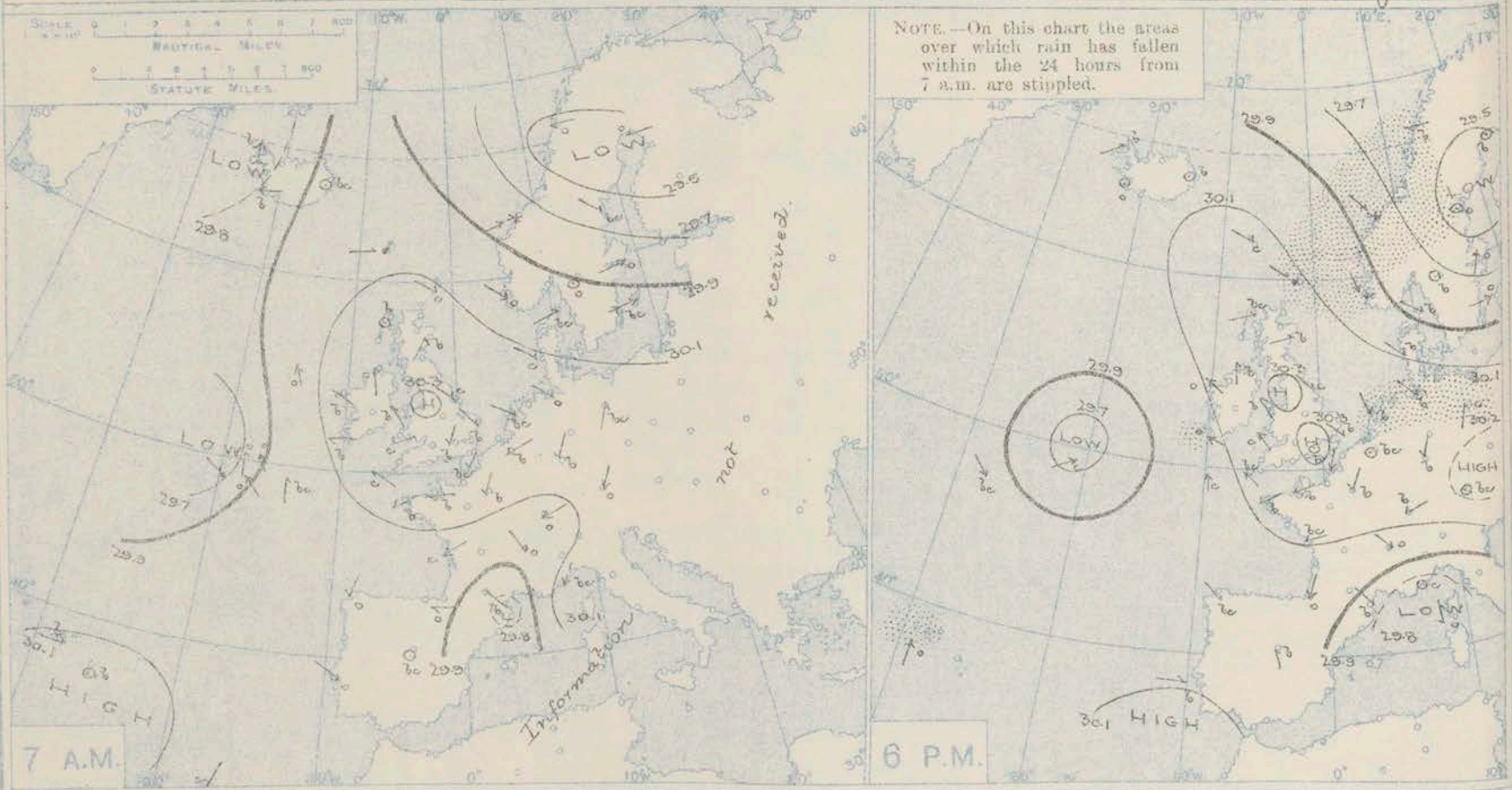
Monday
29th January, 1912.

STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.									
		BAROM.		TEMP.	WIND.	Weather.	BAROMETER.		TEMP.	WIND.	Force (0 to 12)	Weather.	Sea (0 to 9).	Rain-fall.	TEMP.			WEATHER.								
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).		At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.					Dir.	Max.	Min.	Sun-shine.	Morn'g. 7 a.m. to 1 p.m.	Aftern. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.					
BRITISH ISLANDS.																										
Lerwick		30.11	41	WNW	2	bcp	30.19	+0.2	40	+4	NW	2	c	1	0.08	41	36	5.8	b.c.p	b.c.p	c.p					
Stornoway		30.25	34	WNW	1	bc	30.34	+0.1	33	-2	N	1	o	1	-	42	28	5.8	bc	bc	b.c					
Castlebay (Barra Isd.)		30.23	40	SE	3	c	30.27	+0.1	38	0	ESE	3	o	2	-	43	37	3.3	c	c	c					
Malin Head		30.21	33	S	1	bm	30.20	+0.2	33	-2	S	1	bm	1	-	38	30		bm	bm	bm					
Blacksod Point		30.10	37	SE	4	o	30.19	+0.3	36	+2	E	3	bc	3	-	38	33		bm	bm	bm					
Valencia		30.04	40	ESE	6	o	30.11	+0.2	41	+3	ESE	2	b	3	0.06	44	38	0.0	c	bm	bm					
Roche's Point		30.14	41	SE	3	o	30.17		43	+2	E	4	o	4	-	45	39		c	o	o					
Birr Castle		30.14	34	SE	2	bc	30.19		35	-0	SE	1	bc	6	-	39	33	0.0	c	bc	bc					
Donaghadee		30.25	33	SSW	2	bc	30.28	0.0	38	+4	SE	3	o	2	-	40	33		bc	bc	c.o.og					
Liverpool Obsy.		30.30	31	SE	2	b	30.32	0.0	28	-1	SE	3	o	2	-	34	25	6.8	bm	bc	b.c					
Holyhead		30.23	34	SE	1	bm	30.30	0.0	28	0	SE	1	b	1	-	36	26		bm	bm	bm					
Pembroke (St. Ann's Hd.)		30.21	39	SE	4	c	30.24	+0.1	35	+6	E	3	bm	3	-	40	29	0.7	eg	c	c					
Newquay		30.18	34	E	3	b	30.19		36	+4	E	2	b	2	-	41	32	6.0	c	bc	b					
Scilly (St. Mary's)		30.12	41	SE	5	bm	30.14	+0.1	39	-1	SE	6	b	5	-	45	37	5.9	bm	bm	bm					
Jersey (St. Aubin)		30.20	35	ESE	4	bm	30.24		35	+3	E	5	bm	4	-	41	31	9.3	bm	bm	bm					
Portland Bill		30.20	40	ESE	4	b	30.20	0.0	27	+5	E	4	b	4	-	41	32	8.2	c	b	b.c					
Dungeness		30.25	37	NNE	3	bc	30.26	-0.1	25	-9	N	2	bc	2	-	39	23	7.6	bc	bm	bm					
Dover		30.30	32	NW	1	b	30.23		30	+1		4	o	3	-	38	27	8.16	b	b	b.c.og					
Wick		30.22	36	WNW	1	c	30.27	+0.2	33	+1	WNW	2	bc	2	-	40	31		bc	bm	bm					
Nairn		30.25	26	W	1	b	30.29		28	+1		0	o	1	-	37	19	7.4	b	b	b.c					
Aberdeen		30.27	32	WSW	1	b	30.31	+0.1	32	+2	WSW	1	o	2	-	38	27	9.0	b	b	b.c					
Leith		30.28	34	WNW	1	b	30.35	+0.2	36	-8		0	o		-	37	26		bm	bm	bm					
North Shields		30.30	33	WNW	1	c	30.32	+0.1	24	-9	W	2	c	2	-	37	22	5.1	c	c	c					
Spurn Head		30.29	33	W	3	b	30.31	0.0	29	-1	WNW	3	b	4	-	38	26		bm	bm	bm					
Yarmouth		30.29	34	WNW	2	b	30.28	-0.2	31	+2	WNW	1	o	1	-	38	29	6.8	b	bm	bm					
Clacton-on-Sea		30.29	35	NNW	1	bc	30.28	-0.1	27	-7	NNW	2	bc	1	-	39	27	8.2	bc	b.c	b.c					
Nottingham		30.29	28	SW	1	b	30.31		19	+4	WSW	1	o		-	37	18	3.2	bm	bm	bm					
Bath		30.23	30	ESE	1	b	30.32		23	-1	NE	1	b		-	39	21	5.3								
Oxford		30.33	27		0	bc	30.36		19	-4		0	b		-	40	19		by	by	by					
London (New Obsy.)		30.31	29		0	bm	30.33	0.0	19	-7		0	bm		-	36	19	1.6	bm	bm	bm					
IRELAND & FAEROE.																										
Isafjord		29.94	39	SW	2	b	30.02	7	32	-8		0	S	0												
Reykjavik		30.06	39		0	o	29.91	-0.4	44	+5	S	4	f	6												
Vestmanna		30.07	41	SE	1	c	30.06	0.0	43		S	2	f	1												
Seydisfjord		30.03	29		0	b	30.13	-0.3	25	-5		0	f													
Thorshavn		30.15	40	WNW	3	c	30.21	-0.1	36	-4		0	b													
SCANDINAVIA.																										
Haparanda		29.50	7		0	b	29.73	-1.2	16	-14	NE	4	b		-	30	-11									
Hernösand		29.47	27		0	o	29.86	7	5	-26	N	3	b		0.08	32	-8									
Stockholm		29.65	28	SW	4	o	29.81	+1.0	24	+1	NNW	6	c			28	21									
Wisby		29.77	30	W	6	o	29.77	+0.06	31	+7	N	6	c			34	20									
Karlstad		29.72	23		0	b	29.98	+0.8	26	-3	N	2	b			30	19									
Färder (Xtania Fjord)		29.78	34	W	5	b	30.00	+0.6	30	0	N	1	c	2		36	28									
Bodö		29.56	21	E	2	b	29.92	+1.0	20	-4	N	5	c	2		25	14									
Christiansund		29.87	33	NW	6	S	30.05	+0.4	32	-4	NW	4	S	5	0.28	37	32									
Skudesnaes		30.00	39	NNW	4	c	30.04	+0.4	35	-2	NNW	4	o	2	0.04	39	34									
The Scaw (Skagen)		29.85	36	WNW	3	b	29.99	+0.8	33	+7	ESE	3	o	1	-	37	25									
Blaavands Huk		30.10	33	WNW	2	b	30.01	-0.2	35	+4	NW	3	b	2	-	36	30									
GERMANY, &c.																										
Cuxhaven		30.12	31	NW	1	b	30.09	-0.2	34	+1	W	2	o		0.04	36	28									
The Helder		30.24	34	NNW	2	b	30.24	0.0	35	+1	NNW	2	c	1	Trace	37	36									
Brussels		30.27	27		0	bc	30.24	-0.1	24	+5		0	b			36	7									
Berlin		30.15	27	SW	2	o	30.10	-0.04	31	+10	SW	2	o		Trace	28	27									
Frankfurt		30.18	30	NE	1	b	30.16	0.0	31	+10	NE	1	o			32	21									
Munich		30.21	17		0	bc	30.25	-0.1	9	-11	SSE	2	b			23	9									
FRANCE.																										
C. Gris Nez		30.28	30	E	3	b	30.26	-0.2	37	+5	NNW	4	o	3		36	23									
La Hève		30.21	36	ESE	2	b	30.26	0	27	+5	E	1	bc	1		36	22									
Brest (St. Mathieu)		30.17	36	ESE	2	b	30.20	-0.1	30	-1	ESE	4	b	2		41	27									
Lorient (Bee Melon)		30.13	35	ESE	3	b	30.16		32	+2	E	3	b	2		41	28									
Rochefort (Ile d' Aix)		30.10	32	ESE	3	bc	30.12		28	-4	E	4	b			39	28									
Biarritz		30.05	41	NNE	4	o	30.06		32	-5	NE	3	o	2		41	32									
SPAIN, PORTUGAL, &c.																										

* Information for these columns not usually received.

† Received too late for insertion in Chart.

BAROMETER, WIND AND WEATHER FOR 7 A.M. AND 6 P.M. 28th January



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer remained below 40° over the Kingdom generally, and below 35° in places. Sharp frost was experienced at night over a large area, the lowest readings reported being 18° at Nottingham and in London (New Observatory and Cannon Square). On the coast the thermometer fell to 10° at New

Observatory, and to 13° at Oxford. Many hours of bright sunshine were recorded over England and Scotland. According to wireless reports ships experienced moderate to fresh or strong southerly breezes as far west as the 26th meridian and fresh or strong north-westerly breezes between the 20th or 27th meridians.

WEATHER PROSPECTS.

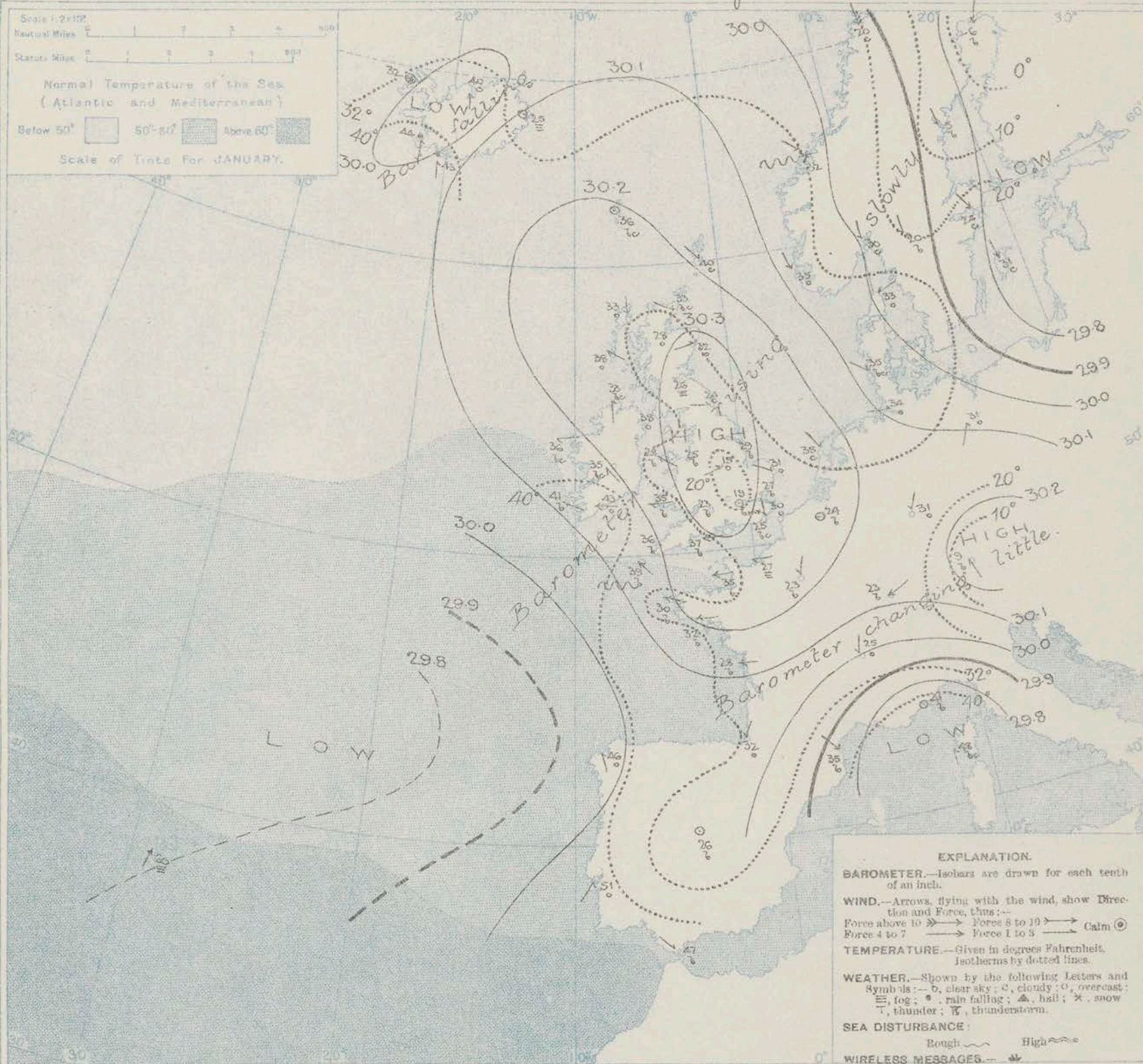
FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

0	FORECAST DISTRICTS	6
1		Eastly or South. Easterly winds, light; fine; frosty.
2		7 South Easterly or Easterly winds, light; some mist or fog, otherwise fine; frosty.
3		8 Easterly and South-Easterly winds, light or moderate; fresh locally, fair or fine generally, some mist; frost in most places.
4		9 Easterly and South. Easterly winds, light or moderate, fresh locally on coast; generally fair or fine; rather low temperature.
5		10
	11 WESTERN CHANNEL AND BAY.	

THE FURTHER OUTLOOK to all Districts.
The low temperature will continue.

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

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.3 in. in a large anticyclone having its maximum readings over Great Britain. Pressure is at present increasing very generally, but a decrease has commenced in Iceland.

In many parts of England the wind is light and variable, but over these Islands generally it is Easterly to South-Easterly in the south and west, and Westly or North-Westly in the north and east; at Lundy the South-Easterly current blows a strong breeze. Over Scandinavia a moderate to strong Northerly breeze prevails, and over France

a light to moderate Easterly breeze. Temperature is low very generally. Over Great Britain it ranges from 37° at Portland Bill to 25° at Dungeness, and to 19° in many parts of Central England. In Ireland the values range from 43° to 33°. Over the United Kingdom as a whole the weather is fair to bright, but a few places report an overcast sky and some a misty or foggy atmosphere. Fine weather also prevails in most parts of the Continent, but snow is falling at Christiania, and rain or snow prevails in the west and south-west of Iceland.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

There are indications that the anticyclonic system will increase still further in intensity and continue to maintain its influence over the

United Kingdom and its neighbourhood.

DAILY WEATHER REPORT.

29th January, 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.
	Lat. N.	Long. W.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.	Dry Bulb.	Wet Bulb.	
29th January, 11 a.m.	50	11	29.92	SE	6-7	St. Michael	29th January, 11 a.m.	50	11	29.97	SE	6-7	0	-	-	-	
						H.M.S.	28th January, 9 a.m.	49-01	11-00	30.10	ESE	4	0	44	39	2	
28th January, 3 p.m.	49	9	29.69	W	6-7	St. Marguerite		49	20	29.68	WSW	6-7	0	-	-	-	
" " "	46	28	29.96	NW	6-7	Olympic	" " "	47	27	29.94	NW	6-7	0	-	-	-	
" " "	49	10	29.98	S	6-7	St. Michael	" " "	49	9	30.07	S	6-7	0	-	-	-	
" " "	50	14	29.75	SE	6-7	St. Michael	" " "	50	13	29.77	SE	6-7	0	-	-	-	
" " "	49	17	29.86	S	6-7	"	" " "	50	16	29.83	SE	6-7	0	-	-	-	
" " "	49	15	29.01	S	4-5	St. Michael	" " "	49	14	30.00	S	6-5	0	-	-	-	
" " "	50	16	29.87	SE	6-7	Columbia	" " "	50	14	29.87	SE	6-7	0	-	-	-	
" " "	50	17	29.86	S	4-5	Lake Michigan	" " "	50	18	29.70	S	6-7	0	-	-	-	
" " "	49	16	29.97	SE	4-5	St. Marguerite	" " "	49	17	29.82	SE	6-7	0	-	-	-	
" " "	49	21	29.65	SSW	4-5	St. Bonaventure	" " "	49	20	29.66	WNW	4-5	0	-	-	-	

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.				Hrs.	In.	Brighton, to 6 p.m.	40	28	*	8.3	-
Dublin (City), to 4 p.m.	34	30	c.b.c.	*	-	Seaford, to 6 p.m.	38	26	*	7.9	-
Blackpool, to 9 p.m.	35	20	m.b.	6.6	-	Eastbourne, to 6 p.m.	41	26	*	7.8	-
Southport, to 9 p.m.	35	20	bc.b.c.	3.4	-	Bexhill-on-Sea, to 9 p.m.	39	29	b	8.0	-
Rhyl, to 6 p.m.	35	29	bc.b.	7.0	-	Hastings	*	*	*	8.5	*
Colwyn Bay, to 6 p.m.	40	24	0	5.2	-	Folkestone, to 6 p.m.	42	32	bc.b.	7.7	-
Llandudno, to 9 p.m.	38	25	b	7.2	-	Deal, to 6 p.m.	37	33	b.c.	8.4	-
Bettws-y-Coed, to 6 p.m.					*	Ramsgate, to 6 p.m.	*	*	*	8.0	-
Aberystwyth, to 6 p.m.	40	25	*	7.2	-	Margate, to 6 p.m.	44	29	*	8.0	-
Plymouth, to 9 p.m.					-	Felixstowe, to 6 p.m.			*		-
Paignton, to 6 p.m.	42	31	bc.c.b.c.	3.7	-	Lowestoft, to 6 p.m.	39	28	b.c.	6.9	-
Torquay, to 6 p.m.	42	32	*	4.4	-	Skegness, to 6 p.m.	37	26	b	7.5	-
Trigmouth, to 9 p.m.	42	30	bc.b.	4.1	-	Scarborough, to 9 p.m.					-
Weymouth, to 6 p.m.	40	28	b	8.2	-	Harrogate, to 6 p.m.	41	22	b.c.	6.0	-
Bournemouth, to 6 p.m.	40	25	b	7.7	-	Buxton, to 6 p.m.					-
Southsea, to 6 p.m.	39	28	*	7.9	-	Darwen, to 9 p.m.					-
Worthing, to 6 p.m.	39	28	b	7.9	-	Manchester, to 9 p.m.	38	22	f.b.c., b.c.f.	2.4	-
						Birmingham, to 9 p.m.	35	22	b.c.b.	4.4	-

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.			
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				29th 30th Jan. 1912.	Sunrise	Noon	Sunset
	24 HOURS ENDED AT 9 A.M. TO-DAY.										
Greenwich (Royal Obs.) ...	60	87	37	19	bx. m	—	Hrs. 6.8	Yarmouth	{ 7.42 7.41	G.M.T. 12.6	G.M.T. 4.30 4.32
City (Banhill Row) ...	*	*	*	*	*	*	1.0				
Westminster (St. James's Pk.)	89	93	33	22	bc. m. x	—	0.5				
Camden Sq. (Brit. Rainfall)	*	69	34	18	bc. m	—	0.5				
Hampstead (Reservoir) ...	*	81	34	24	bx. b	—	3.3				
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Wick	{ 7.46 7.44	12.13	4.41 4.43
South Kensington ...	*	*	37	28	{ m. bc {	{ 0.1 * }	0.1				
" (Roof of M.O.)	*	7	38	29							
								Valencia...	{ 8.28 8.26 8.28 8.27	12.25 12.25 12.54 12.54	4.24 4.25 5.20 5.22

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	In.				Rome	In			
Marseilles					Vienna				
Malta					Utrecht				
Algiers					Zürich				
Tunis					Geneva	*			
Palermo					Lugano	*			
Not received.									

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

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

1912.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday
30th January, 1912.

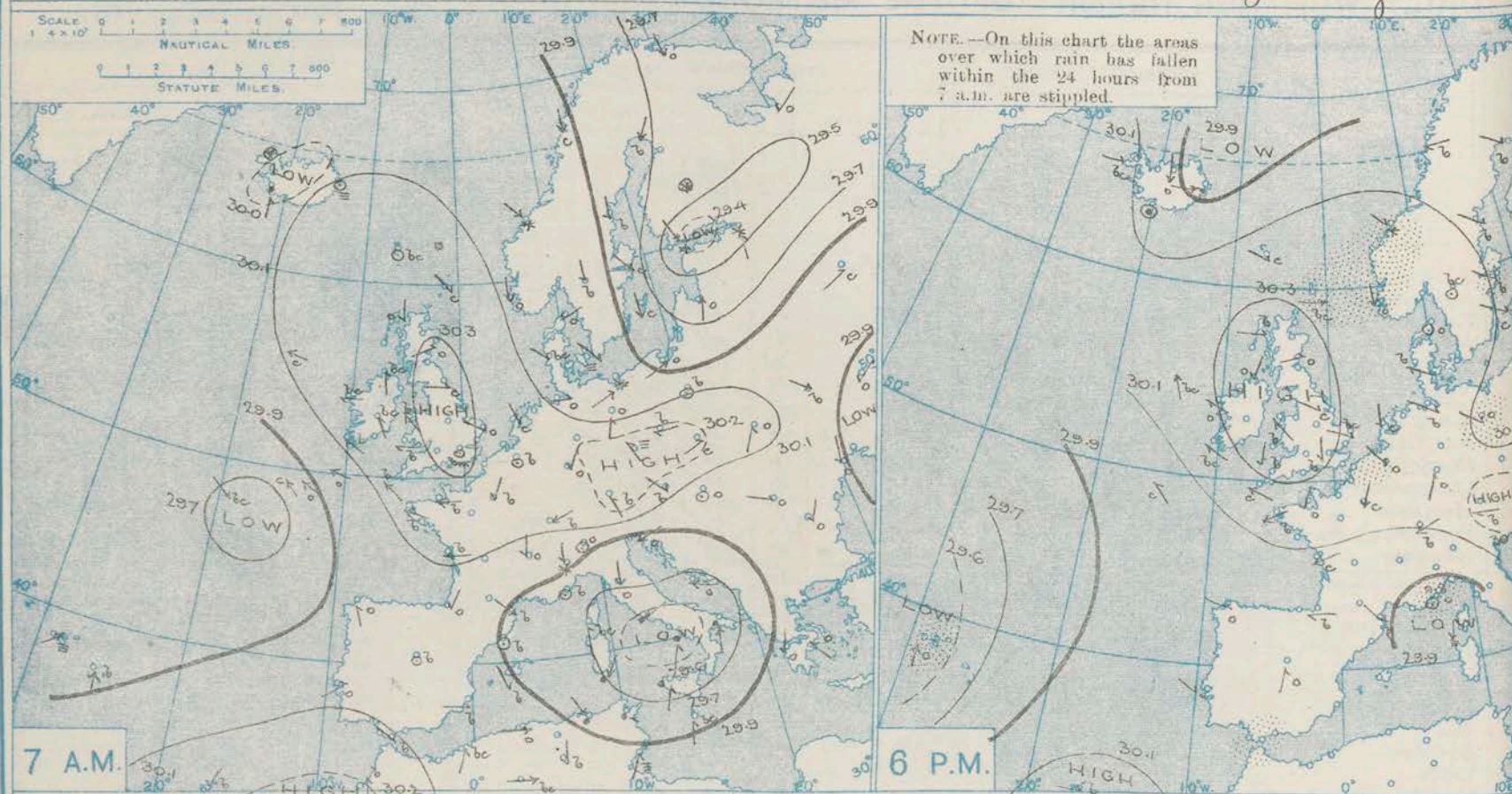
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						
	BAROM.		TEMP.		WIND.		BAROMETR.		TEMP.		WIND.		Sea (0 to 9).	Rain- fall.	TEMP.		Sun- shine.	WEATHER			Morn'g. 7 a.m. to 1 p.m.	Aftern'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).	Weather.			Max.	Min.	Hours						
BRITISH ISLANDS.	Lerwick	30.23	40	W	2	bc	29.98	41	+1	W	5	cg	3	0.08	43	38	Hours	omp	bc	bc	omp	bc	bc
	Stornoway	30.34	35	W	1	b	30.21	33	0	W	3	o	3	-	40	28	29	c	bc	bc	c	bc	bc
	Castlebay (Barra Isd.)	30.35	37	E	2	c	30.26	43	+5	WNW	3	o	3	-	43	35	0.0	o.c.m	cm	cm	o.c.m	cm	cm
	Malin Head	30.33	37	NE	1	om	30.32	40	+7	WSW	2	o	1	-	40	22	+	om	om	om	om	om	om
	Blacksod Point	30.30	40	SE	3	o	30.34	35	-1	SSE	1	b	2	-	41	31	+	bc	om	om	bc	om	bc
	Valencia	30.28	41	ESE	3	bc	30.34	41	0	E	2	o	4	-	45	38	4.9	bc	bc	bc	bc	bc	bc
	Roche's Point	30.31	43	E	3	o	30.37	38	-5	E	3	o	3	-	44	38	+	o	o	o	o	o	o
	Birr Castle	30.31	38	SE	1	c	30.37	26	-9	SE	1	b	+	-	43	28	5.7	b	c	c	b	c	b
	Donaghadee	30.37	35	SSW	1	m	30.34	34	-4	WNW	1	m	1	Trace	39	33	+	omp	bc	bc	omp	bc	omp
	Liverpool Obsy.	30.37	33	SE	1	m	30.34	33	+8	SSW	2	o	1	-	36	25	6.8	b	bm	bm	b	bm	bm
	Holyhead	30.35	35	SE	1	bm	30.33	38	+10	W	3	o	2	-	40	26	+	bm	bm	bm	bm	bm	bm
	Pembroke (St. Ann's Hd.)	30.33	35	NE	1	b	30.35	30	-5	NE	1	b	1	-	40	29	4.1	b	c	c	b	c	b
	Newquay	30.27	34	E	2	b	30.33	26	-10	E	1	b	2	-	42	23	4.6	by	bc	bc	by	bc	bc
	Scilly (St. Mary's)	30.23	41	ESE	4	c	30.30	28	-1	E	2	bm	4	-	44	35	6.2	bc	c	c	bc	c	bc
	Jersey (St. Aubin)	30.22	40	NE	3	ogm	30.29	41	+6	NNE	3	ogm	3	-	42	33	7.1	bm	bc	bc	bm	bc	ogm
	Portland Bill	30.29	35	NNE	4	b	30.31	32	-5	NE	4	bm	2	-	39	31	8.0	bc	bc	bc	bc	bc	bc
	Dungeness	30.25	36	NE	3	o	30.23	34	+9	N	5	o	4	-	37	24	0.0	og	og	og	og	og	og
	Dover	30.26	36	NNW	3	o	30.26	34	+4	NW	4	o	3	0.01	37	30	0.0	og	og	og	og	og	og
	Wick	30.32	34	WNW	1	b	30.19	31	-2	WNW	1	bc	2	-	39	30	+	bc	c	c	bc	c	bc
	Nairn	30.31	33	-	0	o	30.23	27	-1	-	0	b	1	-	35	24	0.0	bc	c	c	bc	c	bc
	Aberdeen	30.33	36	WSW	1	o	30.23	29	-3	WSW	1	b	2	-	38	29	0.1	c	og	og	c	og	c
	Leith	30.34	33	W	2	o	30.30	28	+2	W	1	of	+	-	34	25	+	bm	om	om	bm	om	bm
	North Shields	30.35	33	WNW	2	c	30.20	32	+8	W	2	c	2	-	35	23	5.9	bc	c	c	bc	c	bc
	Spurn Head	30.32	34	WNW	3	b	30.28	32	+3	W	4	o	4	-	35	27	+	bm	bm	bm	bm	bm	bm
SCANDINAVIA.	Yarmouth	30.29	34	WNW	2	bm	30.27	35	+4	WNW	2	c	1	-	39	31	1.4	cm	bm	bm	cm	bm	cm
	Clacton-on-Sea	30.28	34	NW	2	bc	30.27	31	+4	NW	2	c	1	-	39	27	6.1	bm	bm	bm	bm	bm	bm
	Nottingham	30.32	24	E	1	b	30.30	20	+1	WSW	1	om	+	-	29	17	0.0	om	fm	fm	om	fm	om
	Bath	30.33	27	E	1	m	30.35	21	-2	NW	1	m	+	-	38	20	7.7	-	-	-	-	-	-
	Oxford	30.35	29	N	2	m	30.36	20	+1	-	0	bc	+	-	41	19	+	bm	bm	bm	bm	bm	bm
	London (Kew Obsy.)	30.31	33	N	1	bm	30.34	25	+6	-	0	cm	+	0.01	37	18	2.7	bm	bm	bm	bm	bm	bm
ISLAND & FAEROE.	Isafjord	30.13	26	W	2	bc	30.46	21	-11	N	8	c	+	+	+	+	+	+	+	+	+	+	+
	Reykjavik	29.98	26	-	0	b	30.23	25	-19	-	0	b	+	+	+	+	+	+	+	+	+	+	+
	Vestmanna	30.03	42	-	0	r	30.19	29	-14	N	5	b	+	+	+	+	+	+	+	+	+	+	+
	Seydisfjord	29.83	48	W	5	r	30.22	26	+1	N	9	c	+	+	+	+	+	+	+	+	+	+	+
	Thorshavn	30.19	41	WNW	1	c	29.85	34	-2	NNW	3	r	+	+	+	+	+	+	+	+	+	+	+
GERMANY, &c.	Haparanda	29.94	-14	NW	2	b	29.92	-02	-25	NW	2	b	+	-	-6	-26	+	+	+	+	+	+	+
	Hernösand	30.09	1	NW	2	b	29.91	-08	4	NW	2	b	+	-	18	-4	+	+	+	+	+	+	+
	Stockholm	30.10	17	NW	2	b	30.06	-04	15	S	2	o	+	Trace	25	10	+	+	+	+	+	+	+
	Wisby	30.06	28	NW	6	c	30.11	26	-5	W	2	o	+	-	32	25	+	+	+	+	+	+	+
	Karlstad	30.15	13	-	0	bc	30.04	9	-11	-	0	b	+	-	27	9	+	+	+	+	+	+	+
	Färder (Xiania Fjord)	30.15	32	SW	2	c	30.02	-07	26	SW	2	c	1	-	32	25	+	+	+	+	+	+	+
	Bodö	29.98	13	E	2	b	29.69	-11	17	E	6	c	2	-	20	10	+	+	+	+	+	+	+
	Christiansund	30.14	33	NW	2	3	29.61	39	+7	WSW	6	o	4	0.04	39	28	+	+	+	+	+	+	+
	Skudesnaes	30.23	35	N	4	o	30.06	-07	34	SE	4	s	2	?	37	32	+	+	+	+	+	+	+
	The Scaw (Skagen)	30.20	32	-	0	o	30.11	-05	28	SW	3	c	1	-	34	23	+	+	+	+	+	+	+
FRANCE.	Blaavands Huk	30.21	23	ESE	1	b	30.21	29	-6	SW	2	b	1	-	36	18	+	+	+	+	+	+	+
	Cuxhaven	30.14	30	NW	1	b	30.24	+02	24	SE	2	b	+	-	37	23	+	+	+	+	+	+	+
	The Helder	30.23	37	N	2	bc	30.25	+01	32	NE	2	o	1	-	39	30	+	+	+	+	+	+	+
	Brussels	30.22	37	NNW	2	o	30.21	34	+10	NE	1	o	+	0.04	38	23	+	+	+	+	+	+	+
	Berlin	30.08	34	NW	2	o	30.23	24	-7	E	2	o	+	0.04	34	25	+	+	+	+	+	+	+
	Frankfurt	30.14	32	SW	1	o	30.12	33	+2	NE	1	o	+	-	36	30	+	+	+	+	+	+	+
SPAIN, PORTUGAL, &c.	Munich	30.21	16	E	2	b	30.22	-01	8	SSE	1	b	+	-	23	7	+	+	+	+	+	+	+
	C. Gris Nez	30.26	37	N	2	o	30.25	+02	37	ENE	1	r	3	0.28	37	34	+	+	+	+	+	+	+
	La Hève	30.22	33	NE	2	m	30.23	38	+11	NE	3	o	3	-	38	27	+	+	+	+	+	+	+
	Brest (St. Mathieu)	30.25	35	ENE	4	b	30.31	+01	37	ESE	2	c	2	-	43	30	+	+	+	+	+	+	+
	Lorient (Bec Melen)	30.07	36	ENE	4	c	30.13	+	?	ENE	4	b	+	-	37	28	+	+	+	+	+	+	+
	Biarritz	30.01	36	E	1	b	30.06	34	+2	E	2	o	1	-	39	32	+	+	+	+	+	+	+
	Paris	30.16	35	NNE	3	b	30.19	+02	32	NNE	3	o	+	-	38	23	+	+	+	+	+	+	+
	Belfort	30.09	27	ENE	6	b	30.16	+	20	ENE	6	b	+	-	30	19	+	+	+	+	+	+	+
	Lyons	30.01	29	NW	2	bc	30.06	+	23	WNW	3	b	+	-	31	22	+	+	+	+	+	+	+
	Nice	29.81	42	-	0	o	29.86	100	37	E	1	c	3	0.75	54	36	+	+	+	+	+	+	+
PORTUGAL, &c.	Perpignan	29.93	34	NW	3	b	29.93	+02	34	NW	3	o	+	-	40	32	+	+	+	+	+	+	+
	Sanguinaire	29.93	47	N	5	m	29.92	+	45	NE	2	m	3	-	52	41	+	+	+	+	+	+	+
	Corunna (8 a.m.)	29.99	50	WNW	3	o	30.15	+08	41	RSE	2	o	3	-	52	37	+	+	+	+	+	+	+
	Lisbon (9 a.m.)	30.01	52	WNW	3	r	30.02	+04	47	NNE	4	o	6	0.55	55	46	+	+	+	+	+	+	+
	Gibraltar	29.98	56	W	2	o	29.90	+	57	W	5	or	+	0.13	+	+	+	+	+	+	+	+	+
AZORES &c.	Azores (P. Delgada)	29.55	62	S	6	o	29.41	-12	60	SW	8	r	6	0.12	64	57	+	+	+	+	+	+	+
	Azores (Horta)	29.55	62	S	6	o	29.41	-12	60	SW	8	r	6	0.12	64	57	+	+	+	+	+	+	+
	Madeira (Funchal)	30.19	59	W	2	b	30.12	-01	58	S	2	c	2	-	64	48	+	+	+	+	+	+	+

* Information for these columns not usually received.

† Received too late for insertion in Charts.

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperatures remained as low as 29° at Nottingham, 32° at Blackpool, and failed to touch 40° over a very large area. Sharp frost occurred at night in most parts of the kingdom. At Nottingham the thermometer exposed on the grass fell to 16°, and at New

Observatory to 11°. Much bright sunshine was recorded at most places in the west and south-west of these islands and also at some stations in the north and east of England.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON Tuesday TO NOON Wednesday.

0 {
a
b

1

2 {
a
b

3

4 {
a
b

5

Wind between N.E. and N., light or moderate to fresh; changeable, some snow showers; temperatures rising temporarily.

Wind between N.W. and N., light or moderate; mostly fair, dull at times, mist locally; temperatures becoming less low.

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 Nos. 0 and 1.

Same as Nos. 3 to 5.

Wind between N.E. and N. or N.W., light or moderate; fair generally, some mist; cold.

Same as Nos. 3 to 5.

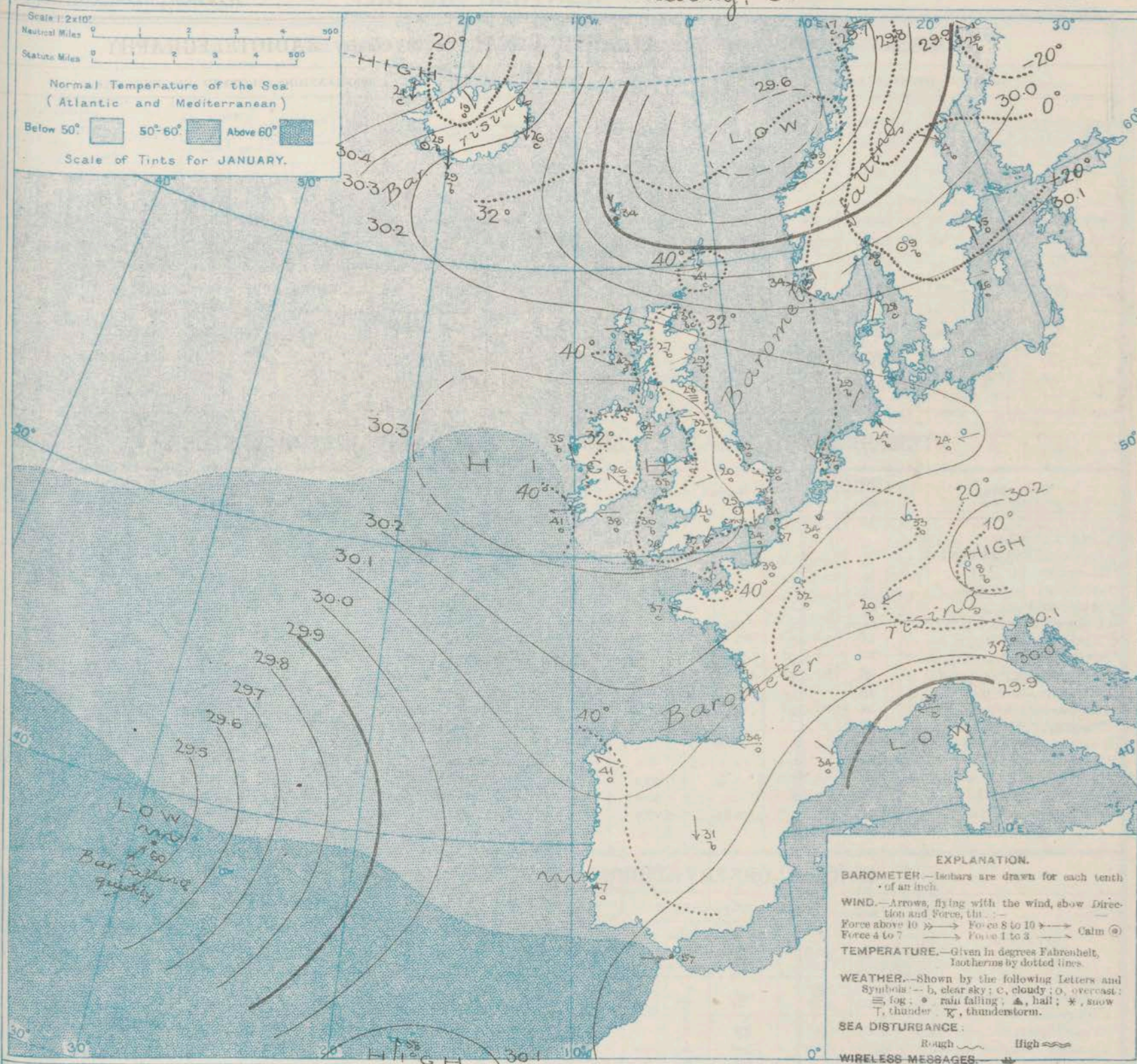
Light variable or E. winds; fair, some mist; cold.

11 WESTERN CHANNEL AND BAY.

N.E. or E. winds, light or moderate, some mist, otherwise fair or fine; sea slight.

THE FURTHER OUTLOOK.

SYNOPTIC CHART FOR 7 A.M. Tuesday, 30th JANUARY 1912.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.4 in. in the north-west of Iceland and above 30.3 in. in an anticyclone extending from the Atlantic over Iceland and England. To the northward the readings decrease to below 29.6 in. off the north-west coast of Norway, and to the south-westward to below 29.5 in. in the Azores.

The wind is very light at most of our own stations; from some westerly point in the north and east, and from North or North-East in the south and south-west. In Iceland strong northerly winds and gales prevail.

and at Shetland a gale from the north-westward is reported. At Horta there is a fresh gale from North-West. Temperature has changed irregularly. Over the United Kingdom it ranges from 43° at Castlebay to 26° at Carr Castle, and to 20° in the English Midlands. The weather varies considerably; in many places the sky is clear or only partially cloud covered. Rain is falling at Cape Gris Nez, and snow at Skiddaw.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The anticyclonic system over these Islands seems likely to take up a position further to the south

westward or southward while under the influence of depressions between Iceland and Scandinavia the weather will become less settled in the northern parts of the Kingdom.

Tuesday, 30th January, 1912.

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.		
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air.		Sea.
														Dry Bulb.	Wet Bulb.	
	"	"	In.				"	"	In.				"	"	"	
Jan. 29th 3pm	55	14	30.25	SE	4-5	<u>Carthaginian</u>	Jan. 29th 6pm	55	13	30.31	SE	4-5	bc	"	"	
" " "	49	15	29.87	ESE	4-5	<u>Olympic</u>	" " "	49	14	29.98	SE	4-5	c	"	"	
" " 10am	49	14	29.89	SE	6-7	<u>Vaderland.</u>	" " 1p.m.	49	15	29.95	SE	4-5	bc	"	"	
" " 4am	49	11	29.91	SE	6-7	<u>do.</u>	" " 7am	49	12	29.87	SE	6-7	c	"	"	
" " "	49	14	29.74	S	1-3	<u>Menominee</u>	" " "	49	13	29.80	SE	6-7	c	"	"	
" " "	48	21	29.70	NW	4-5	<u>Olympic</u>	" " "	48	19	29.62	NW	4-5	bc	"	"	
" " "	49	13	29.73	SSW	4-5	<u>Minneapolis</u>	" " "	49	14	29.75	NW	1-3	c	"	"	
" " "	55	17	30.04	ESE	6-7	<u>Carthaginian</u>	" " "	55	16	30.07	ESE	4-5	c	"	"	

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.				Hrs.	In.	Prighton, to 6 p.m.	37	25	*	Hrs.	In.
Dublin (City), to 4 p.m.	41	31	c.o. b	*	-	Seaford, to 6 p.m.	36	24	b.c	1.4	-
Blackpool, to 9 p.m.	32	17		5.5	-	Eastbourne, to 6 p.m.	35	27	*	0.0	-
Southport, to 9 p.m.	39			3.7	-	Bexhill-on-Sea, to 9 p.m.	36	28	c.o	0.0	-
Rhyl, to 6 p.m.	41	20	b.	8.2	-	Hastings	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	39	21	bc b	7.2	-	Folkestone, to 6 p.m.	37	29	b.o.s.o	0.0	-
Llandudno, to 9 p.m.	41	28	b	7.9	-	Deal, to 6 p.m.	40	27	b.c.o.g	0.0	-
Bettws-y-Coed, to 6 p.m.					*	Ramsgate, to 6 p.m.	*	*	*	0.0	-
Aberystwyth, to 6 p.m.	42	25	*	8.0	-	Margate, to 6 p.m.	41	31	o	0.0	-
Plymouth, to 9 p.m.	43	33	b.c. bc.b	4.0	-	Felixstowe, to 6 p.m.	39	26	*	6.3	-
Paignton, to 6 p.m.	42	32	b. bcp. bc	4.5	-	Lowestoft, to 6 p.m.	40	28	b. bc. b	2.6	-
Torquay, to 6 p.m.			*			Skegness, to 6 p.m.	36	22	m.b.o	4.0	-
Teignmouth, to 9 p.m.	41	34	b	6.1	-	Scarborough, to 9 p.m.	40	27	bc	4.5	-
Weymouth, to 6 p.m.	41	28	l	8.0	-	Harrogate, to 6 p.m.	37	20	b	7.7	-
Bournemouth, to 6 p.m.	40	26	b	8.0	-	Buxton, to 6 p.m.	36	12	m.s. bc	4.1	-
Southsea, to 6 p.m.	39	28	*	5.2	-	Darwen, to 9 p.m.	36	22	bc	2.5	-
Worthing, to 6 p.m.	37	25	bc	3.7	-	Manchester, to 9 p.m.					
						Birmingham, to 9 p.m.	33	21	f.o. b	0.0	-

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.			
	24 HOURS ENDED AT 9 A.M. TO-DAY.						
Greenwich (Royal Obsy.) ...	% 68	% 64	36	24	bce. o	—	Hrs. 3.4
City (Banhill Row) ...	% *	% *	38	27	b	—	1.7
Westminster (St. James's Pk.)	% 65	% ?	38	27	bcm	—	0.1
Camden Sq. (Brit. Rainfall)	% 85	% 68	37	24	bm. bc	—	8.0
Hampstead (Reservoir) ...	% *	% ?	35	27	b. bce. bc.	—	7.1
24 HOURS ENDED AT 6 P.M. YESTERDAY.							
South Kensington ...	% *	% *	38	23	} bm. f. bcm. bm }	—	% *
" " (Roof of M.O.)	% 60	% 72	38	25		—	1.5

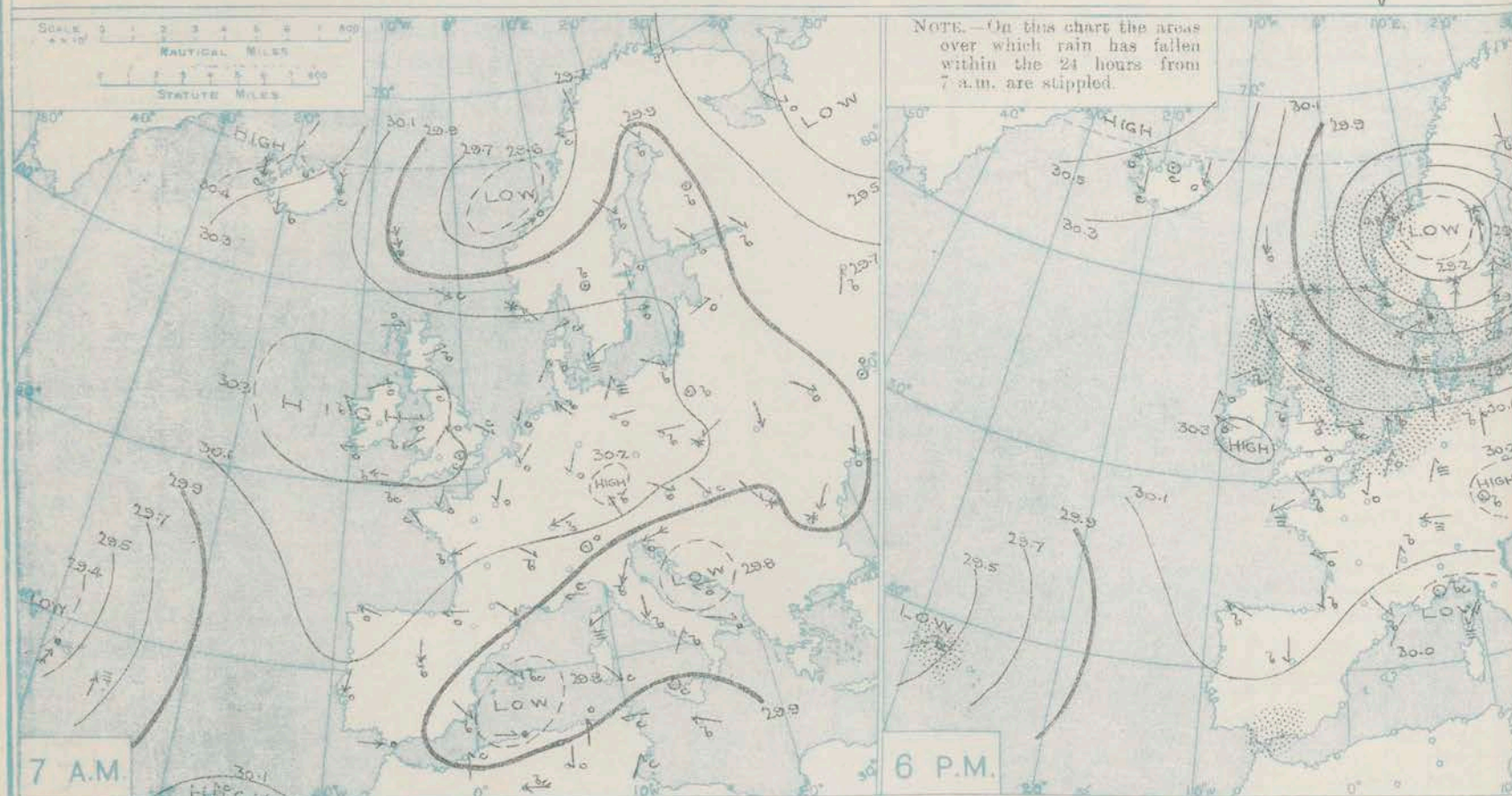
20th + 31st Jan. 1912.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	{ 7.41 7.40	12.6 12.7	{ 4.32 4.31
Greenwich	{ 7.44 7.43	12.13 12.14	{ 4.43 4.42
Wick	{ 8.26 8.24	12.25 12.26	{ 4.26 4.28
Valencia... ..	{ 8.27 8.26	12.54 12.55	{ 5.23 5.24

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
	In.	"	"			In.	"	"	
Malaga	-	61	48	b. b.	Rome...	0.67	58	45	r. r.
Marseilles	-	48	30	b. b.	Vienna	-	28	19	b. b.
Malta	0.12	59	54	b.	Utrecht	Trace	39	16	b. c.
Algiers	0.91	50	43	r. a	Zürich	-	*	*	b. b.
Tunis	1.26	55	45	b. r.	Geneva	-	*	*	b. o.
Palermo	0.08	55	45	o. o.	Lugano	0.24	*	*	o. o.

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

† Received too late for insertion in Charts.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature remained below 40° in many parts of England, and only touched 36° at various places in the north and east. The frost at night was less sharp than of late; over the Kingdom generally the minimum temperature for the 24 hours

occurred shortly after 7 a.m. yesterday. Several hours of bright sunshine were recorded in the west and south, and about 4 hours at some places on the east coast of England.

WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY

TO NOON THURSDAY.

0 { a } Strong to moderate winds
b } between North-West and North-East;
1 { changeable, some snow; low temperature.

2 { a } Wind between West and
b } North-West, finally backing
3 } towards South-West, light or
4 { moderate generally; variable
a } weather, some snow showers;
b } temperature low, frost at night.
5 }

FORECAST DISTRICTS



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

Signals hoisted yesterday
South Cone
North Cone
No 88. onning Issued

6 { a } Same as No. 0.
b }

7 { a } Light to moderate North-Westerly
b } to variable winds; changeable, some snow showers; temperature rather low.

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

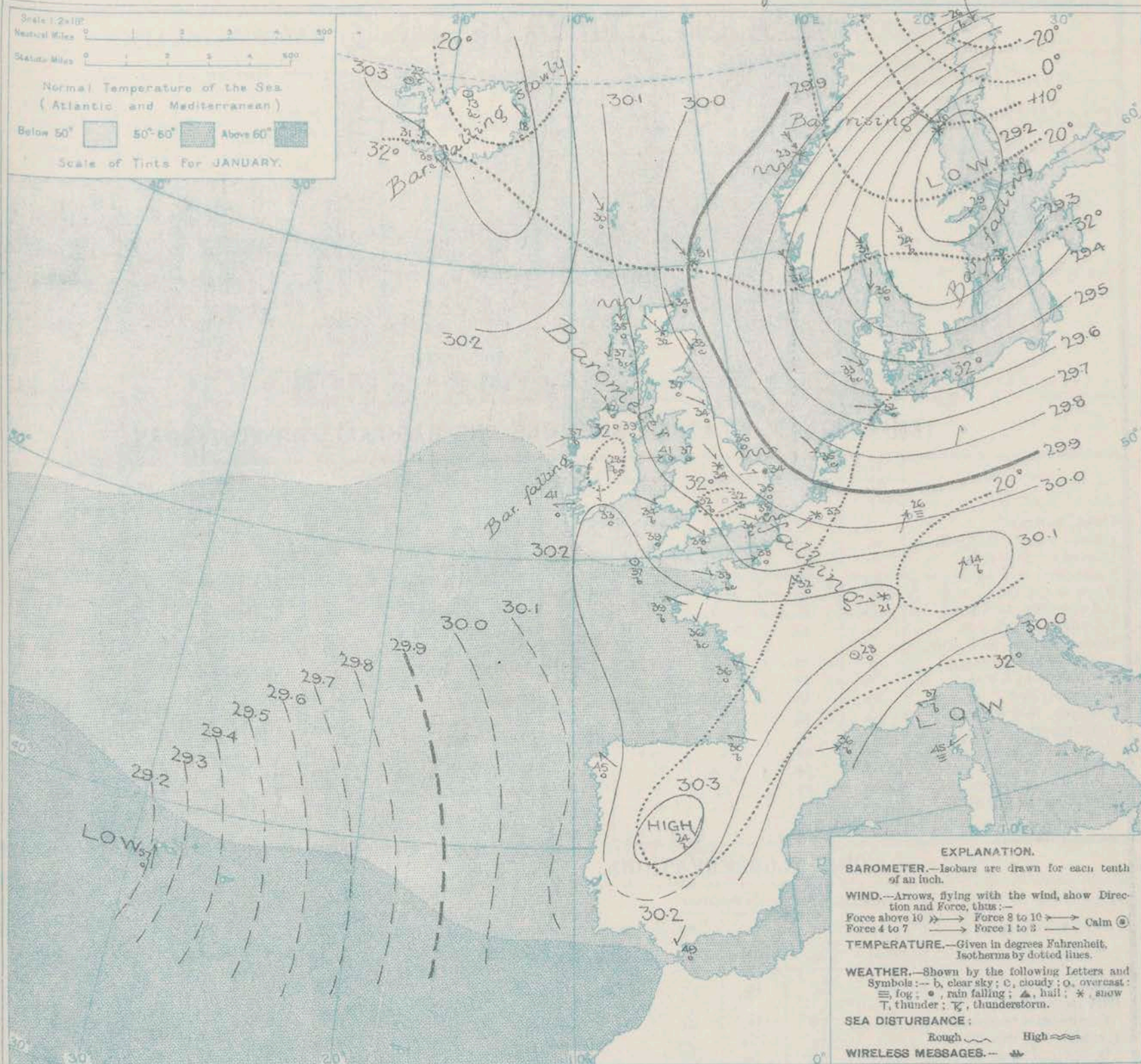
9 { a } Wind rather variable, mainly
b } between South-East and South-West;
10 { fair, then some rain or snow;
a } temperature rising somewhat.
b }

11 WESTERN CHANNEL AND BAY.

Wind northerly to variable, light or moderate; sea slight, mostly fair, but some mist.

THE FURTHER OUTLOOK.

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is below 29.2 in. in a depression over Sweden, and the gradient over Scandinavia generally is rather steep. Over the greater part of France and the Bay of Biscay region the readings are above 30.2 in., and in Iceland above 30.3 in. A deep depression exists to the westward of the Azores, the barometer at Ponta being 29.2 in.

The wind is North-Westerly or Westerly in almost all parts of these Islands, light generally but strong at a few places in the east and north. At Valencia, however, an Easterly breeze prevails, and at Blackpool Point there is a

light South-Westerly breeze. Over Scandinavia Northerly gales are reported. Temperature has risen in most regions over the United Kingdom it ranges from 41° at Holyhead and Valencia to 32° at Miami and at several stations in England, and to 28° at San Carlos. Snow is falling over the greater part of the Continent, snow is falling at a few scattered places in Great Britain and Scandinavia and also at Brussels, and over our area generally the sky is cloudy to overcast.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The changes in the barometer and wind on the west coast of Ireland seem to show

that a depression from the Atlantic is approaching that region.

DAILY WEATHER REPORT.

Wednesday, 31st. January 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.		
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea.
	*	*	In.				*	*	In.				*	*	*	
Jan. 30th 4am.	50	8	30.26	E	4-5	Menominee	Jan. 30th 7am.	50	7	30.26	E	4-5	b.	-	-	

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m.				Hrs.	In.	Brighton, to 6 p.m.	40	29	*	7.4	-
Dublin (City), to 4 p.m.	39	27	b, c, e	0.0	-	Seaford, to 6 p.m.	42	31	b	7.3	-
Blackpool, to 9 p.m.	40	33	o	0.0	-	Eastbourne, to 6 p.m.	47	32	*	5.7	-
Southport, to 9 p.m.	39	22	a, c, f, e	0.0	-	Bexhill-on-Sea, to 9 p.m.	43	33	b, og	5.5	-
Rhyl, to 6 p.m.	39	23	b, o	0.0	-	Hastings	*	*	*	5.9	*
Colwyn Bay, to 6 p.m.	40	24	b, c, m	0.0	-	Folkestone, to 6 p.m.	40	33	a, b, c, b	4.4	-
Llandudno, to 9 p.m.	40	28	b, o	0.0	-	Deal, to 6 p.m.	40	33	om, b, c, o	2.3	-
Bettws-y-Coed, to 6 p.m.						Ramsgate, to 6 p.m.	*	*	*	1.5	-
Aberystwyth, to 6 p.m.	41	23		6.3	*	Margate, to 6 p.m.	40	36	o	0.2	-
Plymouth, to 9 p.m.	39	26	b, c, b, c, c	5.0	-	Felixstowe, to 6 p.m.	36	29	*	0.3	-
Paignton, to 6 p.m.	40	27	b, b, c, b	5.8	-	Lowestoft, to 6 p.m.	36	31	b, c, o, s, b, c	0.0	0.02
Torquay, to 6 p.m.	40	27	*	7.2	-	Skegness, to 6 p.m.	37	30	c, b, c, m	2.8	-
Teignmouth, to 9 p.m.	40	30	b	6.9	-	Scarborough, to 9 p.m.	40	30	o, c, f	4.5	-
Weymouth, to 6 p.m.	39	28	b	7.0	-	Harrogate, to 6 p.m.	36	24	b, c, b, c, c	1.4	-
Bournemouth, to 6 p.m.	40	25	b, b, c	6.7	-	Buxton, to 6 p.m.	36	11	b, c, b, c, s, b, c	0.0	-
Southsea, to 6 p.m.	39	27	*	5.4	-	Darwen, to 9 p.m.	36	25	b, c, og, m, o	0.0	-
Worthing, to 6 p.m.	42	28	b, c	6.7	-	Manchester, to 9 p.m.	38	22	c, f, b, c	0.0	Trace
						Birmingham, to 9 p.m.	36	22	c	0.0	-

LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.			
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				31st Jan. & 1st Feb. 1912.	Sunrise	Noon	Sunset
	24 HOURS ENDED AT 9 A.M. TO-DAY.										
Greenwich (Royal Obsy.) ...	69	82	38	28	b. bc. cf. o. os	In.	Hrs. 0.0	Greenwich	G.M.T. 7.40	G.M.T. 12.7	G.M.T. 4.30
City (Bunhill Row) ...	*	*	*	*	*	*	0.2	Yarmouth	7.40	12.7	4.30
Westminster (St. James's Pk.)	63	78	40	30	m. bc. f. bc. s	-	0.1	Greenwich	7.38	12.7	4.45
Camden Sq. (Brit. Rainfall)	70	87	43	29	bc. o. s.	-	3.9	Greenwich	7.43	12.14	4.45
Hampstead (Reservoir) ...	*	93	39	31	bc. os. s. of	-	5.1	Wick	7.41	12.14	4.47
			24 HOURS ENDED AT 6 P.M. YESTERDAY.								
South Kensington ...	*	*	40	28	bz. bcz. om }	-	*	Valencia...	8.24	12.26	5.24
" " (Roof of M.O.)	63	82	41	29		*	0.8		8.21	12.26	5.25

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

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
Malaga	In.				Rome	In.			
Marseilles	1.06	59	50	o, r	Vienna	0.16	49	37	o, b
Malta	-	39	27	b, b, c	Utrecht	-	28	21	b, o
Algiers	0.32	57	50	b.	Zürich	-	39	20	b, c, o
Tunis	0.47	57	48	r, r.	Geneva	-	*	*	b, b.
Palermo	-	52	29	b, c, c	Lugano	-	*	*	o, o
	0.75	57	46	o, c			*	*	b, 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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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1912

Sea.

Rainfall.

In.

0.02

Trace

NOON AND
TO-DAY

Sunrise

G.M.T.

4-30

4-36

4-45

4-47

4-28

4-31

5-24

5-25

HER.

6

0.

6.

0.

0.

ess in the
wrappers

ADDITIONS AND CORRECTIONS

TO THE

DAILY WEATHER REPORT.

JANUARY, 1912.

ADDITIONS AND CORRECTIONS TO THE

REPORT

1.—REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING, 7 A.M., G.M.T.										PAST 24 HOURS.							
		BAROM.	TEMP.	WIND.	Force (0 to 12)	Weather.	BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain-fall.	TEMP.		WEATHER.							
							At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).			Max.	Min.	Sun- shine.	Morn'g. 7-13 Hours.	Aftern'n. 13-18 Hours.	Night. 18-7 Hours.				
In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.					
1st.	Helder.	30.41	41	S	3	f	30.40	+0.02	44	+8	WNW	1	0	0	Trace	45	34							
	Corunna.	30.23	55	N	4	b	30.23	+0.02	47	-3	NNE	3	0	0	Trace	45	34							
	P. Delgada.	30.11	62	S	5	b	30.03	-0.01	52	+1	SSE	4	0	0	Trace	45	34							
2nd.	Funchal.	30.24	60	E	2	b	30.15	+0.01	58	+1	E	3	0	0	Trace	45	34							
	Lorient.	30.35	49	SSE	1	c	30.35	-0.01	45	-5	ESE	0	0	0	Trace	45	34							
	P. Delgada.	29.90	63	SSE	5	c	29.99	+0.01	63	+1	SSE	0	0	0	Trace	45	34							
3rd.	Lorient.	30.31	43	E	2	c	30.45	0.00	45	+2	E	0	0	0	Trace	45	34							
	Lyons.	30.59	36	N	1	c	30.50	-0.01	35	-1	NE	2	0	0	Trace	45	34							
	Lyons.	30.39	52	NNE	5	c	30.43	+0.04	45	-3	NNE	4	0	0	Trace	45	34							
	P. Delgada.	30.27	62	SE	4	c	30.27	+0.02	62	-1	SE	4	0	0	Trace	45	34							
	Funchal.	30.15	66	ENE	4	c	30.21	-0.02	59	+2	ENE	4	0	0	Trace	45	34							
4th.	Lyons.	30.38	51	N	4	c	30.33	+0.03	42	-3	N	3	0	0	Trace	45	34							
	P. Delgada.	30.35	60	ESE	3	c	30.31	+0.01	59	-3	E	0	0	0	Trace	45	34							
	Funchal.	30.12	64	E	4	c	30.23	-0.02	61	+2	ENE	3	0	0	Trace	45	34							
5th.	Lyons.	30.20	48	NW	3	c	30.23	+0.04	51	+3	N	3	0	0	Trace	45	34							
	Gibraltar.	30.20	56	W	2	c	30.17	-0.01	51	-5	W	3	0	0	Trace	45	34							
6th.	P. Delgada.	30.36	56	-	0	c	30.31	+0.03	58	-1	SSE	4	0	0	Trace	45	34							
	Blackhead Point.	30.30	53	-	3	c	30.29	-0.02	57	-5	ESE	6	0	0	Trace	45	34							
	Lyons.	30.28	60	SW	4	c	30.24	-0.01	61	+3	SW	5	0	0	Trace	45	34							
	Funchal.	30.23	67	ESE	3	c	30.31	0.00	60	0	NE	4	0	0	Trace	45	34							
8th.	Forpignan.	30.71	58	NW	6	c	30.04	+0.13	50	+1	S	3	0	0	Trace	45	34							
	Corunna.	30.66	54	SW	6	c	30.10	0.00	58	-2	WNW	4	0	0	Trace	45	34							
	P. Delgada.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
9th.	Blackhead Point.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Lyons.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Blackhead Point.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Lyons.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Blackhead Point.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Lyons.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Blackhead Point.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Lyons.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Blackhead Point.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Lyons.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Blackhead Point.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Lyons.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Blackhead Point.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Lyons.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Blackhead Point.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Lyons.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Blackhead Point.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Lyons.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Blackhead Point.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Lyons.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Blackhead Point.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Lyons.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Blackhead Point.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Lyons.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34							
	Blackhead Point.	30.03	63	SW	6	c	29.99	0.00	59	+2	SSE	7	0	0	Trace	45	34				</			

E

Night.
18-7
Hours.

WIRELESS TELEGRAMS.

ADDITIONS AND CORRECTIONS JANUARY, 1912.

DATE OF REPORT IN WHICH OBSERVATIONS APPARENT.	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.	Wet Bulb.	Sea.	
				In.						In.								
							Additions											
9th	Jan. 8th 10am	51	9	29.31	SSE	5	Laurentic	Jan 8th 1pm	51	11	29.17	SSW	5	0	.	.	.	
							Corrections											
1st	Dec 31st 3pm	.	.	.	.	.	Lusitania	Dec 31st 6pm	.	.	.	.	.	S	.	.	.
	" 3pm	.	.	.	.	.	Haverford	" 6pm	.	.	.	.	5	.	.	.	.
2nd	Jan. 1st 3pm	.	.	30.20	.	.	Zeeland.	Jan 1st 6pm	.	.	30.26	.	.	.	.	.	.
"	" 4am	.	.	30.42	.	.		" 7am	.	.	30.41
3rd	" 2nd "	.	.	30.24	.	.		" 2nd "	.	.	30.12
4th	" 4th "	.	.	30.08	.	.	Merion	" 4th "	.	.	30.04	.	.	.	.	.	.
"	" 3rd 3pm	.	.	30.11	.	.		" 3rd 6pm	.	.	30.11
"	" 4am	.	.	30.14	.	.		" 7am	.	.	30.08
5th	" 4th 3pm	.	.	.	W	.	Olympic		.	.	.	.	.	.	.	.	.
6th	"	.	.	.	.	.	Minnetonka	Jan 6th 7am	.	11	.	.	.	.	.	.	.
7th	Jan 7th 4am	.	.	29.15	.	.	do	" 6pm	.	15	.	.	.	.	.	.	.
8th	" 8th 3pm	.	.	29.00	.	.	Laurentic	" 8th 6pm	.	.	.	.	.	.	.	.	.
9th	"	.	.	29.20	.	.	Montezuma	" "	.	11	29.22	.	.	.	.	.	.
13th	" 12th 4am	15	.	.	.	.	Olympic	" 12th 7am	.	17	.	.	4-5	.	.	.	.
14th	" 13th 3pm	.	.	29.46	.	.	Merion	" 13th 6pm	.	.	29.46	.	6-7	.	.	.	.
	" 4am	.	.	29.51	.	.	do	"	.	.	29.47	.	.	.	.	.	.
15th	"	.	.	.	.	.	Carmania	Jan 15th 7am	.	.	28.64	.	7	.	.	.	.
	Jan 14th 3pm	.	.	29.71	.	.	do	" 14th 6pm	.	.	.	.	5	c	.	.	.
17th	"	.	.	.	.	.	H.M.S.	" 16th 6pm	45.1	8.17	.	.	.	.	.	.	52
18th	"	.	.	.	.	.	H.M.S.	" 17th 6pm	45.1	8.17	.	.	.	.	.	.	.
19th	Jan 18th 3pm	.	.	29.39	.	.	Oceanic		.	.	.	.	.	.	.	.	.
21st	" 20th 3pm	.	.	30.03	N	4	Cymric	Jan 20th 6pm	.	.	.	N	4	.	.	.	.
	" 4am	.	.	.	.	.	Ivernia	"	.	.	.	.	.	.	.	.	.
22nd	" 22nd "	51	.	.	.	.	Laconia		.	.	.	.	.	.	.	.	.
"	" 22nd 3pm	.	.	.	.	.	Minnetonka	Jan 22nd 6pm	.	13	.	.	0	.	.	.	.
"	" 4am	.	.	29.45	.	.	do	" 7am	.	.	.	E	4-5	.	.	.	.
23rd	"	.	.	.	.	.	Cymric	" 22nd "	.	.	.	.	.	.	.	.	.
25th	Jan 24th 4am	15	.	.	.	.	Mount Temple	" 24th "	.	14	.	NNE	.	.	.	.	.
"	"	.	.	.	.	.	Haverford	"	.	.	29.44	.	.	.	.	.	.
26th	Jan. 25th 4am	.	.	.	.	.	Baltic	"	.	.	30.06	E	4-5	.	.	.	.
27th	"	.	.	.	.	.	Zeeland	" 25th "	.	.	.	.	.	.	.	.	.
"	Jan 27th 4am	.	.	29.98	.	.	Lake Michigan	" 27th "	.	.	30.09	.	.	.	.	.	.
28th	"	.	.	.	.	.	St. Louis	" 6pm	.	.	.	SE	3	.	.	.	.
29th	"	.	.	.	.	.	Lake Michigan	"	.	.	.	.	.	.	.	.	.
30th	Jan 29th 3pm	.	.	.	.	3	Montreal	" 29th 7am	.	11	.	.	.	.	.	.	.
							Olympic	"	.	.	.	.	.	.	.	.	.

DA
BRITISH ISLANDS.
ICELAND & FAEROE.
SCANDINAVIA.
GERMANY, &c.
FRANCE.
SPAIN, PORTUGAL, &c.