

METEOROLOGICAL OFFICE.

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# DAILY WEATHER REPORTS.

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1<sup>ST</sup> JULY TO 31<sup>ST</sup> DECEMBER 1911.



DAILY WEATHER REPORT, JULY-DECEMBER 1911.



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



# DAILY WEATHER REPORT. APPENDIX I.

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

### THIRD QUARTER, JULY TO SEPTEMBER.

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

JULY.

AUGUST.

SEPTEMBER.

STATIONS.	PRESSURE. 1906-1910.  7 a.m. Observations (reduced to M.S. Level and to Lat. 45°).	AIR TEMPERATURE.								RAINFALL. 1876-1910.		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.				
	In.									Days with Rain.	Total Fall.	Average Duration.	Per Centage of Possible Duration.
Sumburgh Head.....	29.882	50.5	49.0	57.0	48.0	70	1897	37	1888	18	2.32	—	—
Stornoway.....	29.897	52.5	50.7	60.1	48.9	76	1894	32	1888	20	2.93	144	27
Castlebay (Barra Isd.)..	[29.874]44	[53.9]44	[51.9]44	[58.3]44	[51.3]44	[71]44	[1908]44	[47]44	[1910]44	[19]44	[2.85]44	[161]44	[31]44
Malin Head.....	29.903	54.1	53.1	60.6	51.1	75	1887	42	[1888, 02]†	[19]†	[2.88]†	—	—
Blackod Point.....	29.955	56.3	54.5	62.3	53.4	80	[1894]†	[42]†	[1898]†	[22]†	[3.14]†	—	—
Valencia.....	30.012	58.8	54.8	63.9	53.7	80	1878	40	1907	20	3.61	156	33
Roche's Point.....	30.014	56.5	54.9	65.2	53.8	84	1876	43	1907	15	2.88	—	—
Birr Castle.....	29.983	56.8	52.1	66.2	51.7	89	1876	37	1889	17	2.99	142	28
Donaghadee.....	29.963	54.1	52.5	63.3	51.8	81	1876	40	1883, 02	17	2.91	—	—
Liverpool (Observatory)	29.971	56.1	53.4	65.6	54.2	88	1901	44	1877	15	2.69	[180]44	[37]44
Holyhead.....	29.989	58.7	54.9	63.3	53.6	85	1901	43	1888	16	2.71	—	—
Pembroke (St. Ann's Hd.)	29.993	55.6	54.4	62.3	54.7	80	1878	43	1910	15	2.47	209	42
Scilly (St. Mary's).....	30.146	57.0	55.5	64.7	56.4	75	1886, 01, 02	47	1910	18	2.24	218	45
Jersey (St. Aubin's).....	30.056	59.3	57.0	68.3	58.3	87	1900, 01	44	1907, 09	13	2.01	247	51
Portland Bill.....	30.010	57.5	55.8	64.7	55.9	[79]4	[1901]4	[49]4	[1900, 07]4	11	1.76	—	—
Dunegness.....	29.988	58.0	56.0	66.5	55.4	82	1900	40	1890	12	1.88	—	—
Dover.....	[29.963]44	[58.0]44	[55.7]44	[64.7]44	[52.6]44	[74]44	[1908]44	[48]44	[1908, 09, 10]44	[16]44	[2.61]44	[180]44	[37]44
Wick.....	29.885	52.2	50.3	61.1	48.4	81	1876	30	1886	18	2.69	—	—
Nairn.....	29.892	53.0	50.7	64.2	49.4	86	1876	36	1908	17	2.67	[135]**	[30]**
Aberdeen.....	29.909	54.5	51.9	63.1	50.3	88	1876	38	1898, 03	17	2.79	160	30
Leith.....	29.915	55.4	52.3	66.0	51.3	90	1876	41	1887, 8, 92, 03	17	2.73	—	—
North Shields.....	29.931	55.5	52.9	64.2	55.1	85	1876	39	1909	15	2.56	—	—
Spurn Head.....	29.944	56.4	54.3	64.9	54.6	[84]*	[1881, 1900]*	[44]*	[1888]*	13	1.82	—	—
Yarmouth.....	29.959	57.1	54.6	66.0	54.8	87	1881	42	1890	14	2.44	[177]44	[36]44
Clacton-on-Sea.....	29.988	58.0	55.5	67.7	54.6	[82]4	[1905]4	[40]4	[1902]4	10	1.80	[202]4	[41]4
Nottingham.....	29.974	56.7	54.4	70.1	52.1	82	1876	37	1888	15	2.39	[190]4	[38]4
Bath.....	30.019	58.5	55.4	69.4	53.4	[91]†	[1876]†	[39]†	[1906]†	13	2.63	204	41
Oxford.....	29.987	58.3	54.8	70.0	53.5	90	1876, 00	41	1888	14	2.47	201	41
LONDON { Westminster	29.990	57.8	55.1	[69.7]†	[54.8]†	[83]†	[1908]†	[45]†	[1907]†	[14]†	[1.99]†	179	36
{ Kew.....	30.009	57.7	54.8	70.8	54.3	90	1881	43	1882, 84	13	2.30	204	41
Sumburgh Head.....	29.786	51.5	49.9	57.2	48.3	82	1910	38	1885, 95, 09	20	3.11	—	—
Stornoway.....	29.898	52.9	51.3	60.0	49.0	75	1897, 99	33	1888	22	3.86	132	28
Castlebay (Barra Isd.)..	[29.872]44	[54.2]44	[52.2]44	[58.5]44	[51.5]44	[68]44	[1910]44	[47]44	[1908, 09]44	[20]44	[4.07]44	[139]44	[30]44
Malin Head.....	29.856	54.8	54.0	61.0	51.1	[80]4	[1900]4	[43]4	[1891]4	[22]4	[3.09]4	—	—
Blackod Point.....	29.907	57.0	55.1	62.0	53.5	[78]4	[1899]4	[42]4	[1887, 88]4	[23]4	[4.84]4	—	—
Valencia.....	29.976	57.5	55.5	64.2	53.9	81	1899	42	1890	23	5.09	152	34
Roche's Point.....	29.985	56.6	55.6	64.9	53.8	80	1880	44	1883, 02, 01	17	4.01	—	—
Birr Castle.....	29.949	59.5	54.9	65.6	51.2	82	1893, 98, 00	35	1885, 87	18	3.55	142	32
Donaghadee.....	29.912	54.6	53.3	63.1	52.0	73	1890	38	1886	19	3.27	—	—
Liverpool (Observatory)	29.941	56.7	54.2	65.1	54.0	85	1876, 84, 93, 99	44	1885	17	3.16	[161]44	[36]44
Holyhead.....	29.941	57.3	55.7	63.4	54.1	83	1893	45	1888	17	3.39	—	—
Pembroke (St. Ann's Hd.)	29.971	57.0	55.8	62.8	55.3	78	1899	47	1885, 88	16	5.27	165	43
Scilly (St. Mary's).....	30.126	58.7	56.9	65.9	56.9	75	1893, 99	50	1885, 80, 85	17	2.68	224	51
Jersey (St. Aubin's).....	30.057	61.2	58.5	68.8	57.2	89	1893	45	1890, 09	15	2.43	242	55
Portland Bill.....	30.003	59.3	57.5	65.5	56.8	[78]4	[1890]4	[49]4	[1904, 10]4	13	2.00	—	—
Dunegness.....	29.982	59.6	57.6	67.2	50.0	82	1904	39	1890	13	2.13	—	—
Dover.....	[29.993]44	[59.3]44	[56.9]44	[66.4]44	[53.8]44	[83]44	[1908]44	[46]44	[1908]44	[16]44	[2.49]44	[220]44	[50]44
Wick.....	29.827	52.4	50.9	61.1	48.2	85	1893	30	1886	20	2.75	—	—
Nairn.....	29.836	52.7	51.0	63.7	49.1	86	1899	33	1885, 91, 04	19	2.59	[132]**	[28]**
Aberdeen.....	29.880	54.5	52.4	62.7	49.9	81	1880, 82, 99, 06	33	1886	18	2.95	162	33
Leith.....	29.886	55.4	52.9	65.6	51.1	85	1893, 1906	38	1891, 02	17	2.95	—	—
North Shields.....	29.898	55.6	53.4	64.1	51.2	83	1893	39	1892, 02	16	2.84	—	—
Spurn Head.....	29.927	57.2	55.3	64.9	54.6	[87]*	[1893]*	[45]*	[1909]*	15	2.13	—	—
Yarmouth.....	29.957	58.0	55.6	66.2	54.4	85	1893	41	1902	15	2.51	[208]44	[46]44
Clacton-on-Sea.....	29.987	58.9	56.4	67.6	55.0	[84]4	[1909]4	[43]4	[1908]4	13	1.90	[211]4	[47]4
Nottingham.....	29.957	56.3	54.7	68.7	51.4	94	1876	37	1879, 08	17	2.82	[181]4	—
Bath.....	30.006	58.9	55.8	68.9	52.6	[82]†	[1876]†	[40]†	[1877, 04]†	14	3.00	196	44
Oxford.....	30.008	58.9	55.8	68.9	52.7	90	1876, 06	39	1892	14	2.47	187	42
LONDON { Westminster	29.991	58.2	56.2	[69.7]†	[54.7]†	[91]†	[1906]†	[40]†	[1905, 07]†	[13]†	[1.80]†	172	39
{ Kew.....	30.006	57.9	55.5	69.0	53.0	92	1876	41	1890	14	2.39	191	43
Sumburgh Head.....	30.000	49.0	47.8	54.8	46.3	80	1898	34	1887, 88	20	3.18	—	—
Stornoway.....	30.037	50.7	49.1	57.5	46.2	77	1906	32	1885	21	3.96	115	30
Castlebay (Barra Isd.)..	[30.041]44	[52.4]44	[50.5]44	[58.8]44	[49.9]44	[63]44	[1910]44	[44]44	[1908, 09, 10]44	[16]44	[3.17]44	[129]44	[34]44
Malin Head.....	30.059	52.8	52.2	58.8	50.7	[84]4	[1906]4	[38]4	[1886]4	[18]4	[2.76]4	—	—
Blackod Point.....	30.090	55.0	53.2	60.0	51.2	[78]4	[1898]4	[39]4	[1899]4	[20]4	[4.08]4	—	—
Valencia.....	30.114	53.6	51.7	61.8	51.3	79	1898, 06	35	1899	19	4.09	132	35
Roche's Point.....	30.127	54.1	53.1	61.8	51.3	74	1880	39	1893	15	3.11	—	—
Birr Castle.....	30.114	52.4	51.0	61.9	47.2	80	1906	29	1899	15	2.53	125	33
Donaghadee.....	30.107	52.0	51.0	60.2	49.3	75	1906	36	1882, 94, 99, 09	16	2.62	—	—
Liverpool (Observatory)	30.120	53.0	50.7	61.3	50.8	80	1906	39	1885	15	2.55	[114]44	[30]44
Holyhead.....	30.109	54.9	53.1	60.8	51.9	78	1880	42	1903, 07	16	2.80	—	—
Pembroke (St. Ann's Hd.)	30.109	54.3	53.0	60.6	52.9	74	1895	40	1885	15	2.81	150	40
Scilly (St. Mary's).....	30.223	56.3	54.7	62.3	54.8	73	1899	44	1885, 88	19	2.57	170	46
Jersey (St. Aubin's).....	30.132	57.3	54.9	65.8	54.7	89	1906	41	1891	15	2.67	184	49
Portland Bill.....	30.112	56.4	54.9	63.0	53.8	[71]4	[1906]4	[43]4	[1902, 03, 10]4	14	2.08	—	—
Dunegness.....	30.100	55.9	53.8	64.0	53.4	81	1906	32	1885	14	1.79	—	—
Dover.....	[30.089]44	[54.7]44	[53.1]44	[62.8]44	[50.4]44	[75]44	[1908]44	[39]44	[1908]44	[13]44	[1.63]44	[173]44	[40]44
Wick.....	30.022	49.9	48.3	58.2	45.8	78	1898	29	1885, 87, 07	19	2.52	—	—
Nairn.....	30.042	49.1	47.6	60.3	45.3	84	1906	25	1892	17	2.11	[130]**	[32]**
Aberdeen.....	30.071	50.6	49.0	59.4	46.6	82	1906	30	1887	17	2.38	125	33
Leith.....	30.074	51.4	49.5	62.1	47.6	83	1898	33	1886, 1905	14	1.84	—	—
North Shields.....	30.086	51.3	49.6	60.7	47.9	88	1906	34	1885, 89, 93, 07	14	1.75	—	—
Spurn Head.....	30.084	53.7	52.0	61.2	51.9	[79]*	[1899]*	[36]*	[1892, 09]*	12	1.61	—	—
Yarmouth.....	30.098	54.3	52.4	62.2	51.4	78	1880, 98	33	1885	14	2.13	[188]44	[37]44
Clacton-on-Sea.....	30.115	55.0	53.0	63.2	51.4	[79]4	[1908]4	[38]4	[1904]4	10	1.65	[173]4	[46]4
Nottingham.....	30.143	51.1	49.9	64.0	47.5	94	1906	30	1887	15	1.92	[118]4	[31]4
Bath.....	30.143	52.5	50.8	64.7	48.3	[86]†	[1906]†	[34]†	[1906]†	12	2.32	188	37
Oxford.....	30.150	53.0	50.0	64.4	48.5	92	1906	33	1885	12	1.93	144	38
LONDON { Westminster	30.120	53.5	51.9	[64.9]†	[50.4]†	[91]†	[1906]†	[39]†	[1906]†	[11]†	[1.27]†	118	32
{ Kew.....	30.134	52.2	50.5	64.7	49.3	92	1906	33	1887	13	1.67	14	

JULY.

AUGUST.

SEPTEMBER.

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

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

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

METEOROLOGICAL OFFICE,  
60 South Kensington, London, S.W.  
August, 1911.

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# DAILY WEATHER REPORT. APPENDIX I.

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

### FOURTH QUARTER, OCTOBER TO DECEMBER.

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

	STATIONS.	PRESSURE. 1906-1910.  7 a.m. Observations (reduced to M.S. Level and to Lat. 45°).	AIR TEMPERATURE.								RAINFALL. 1876-1910.  Days with Rain. Total Fall.		BRIGHT SUNSHINE. 1881-1910.  Average Duration. Per Centage of Possible Duration.	
			Means of				Absolute Extremes.							
			1906-1910.		1876-1910.		1876-1910.							
			Dry Bulb 7 a.m.	Wet Bulb 7 a.m.	Daily Maxi- mum.	Daily Mini- mum.	Maximum.		Minimum.					
							Temp.	Year.	Temp.	Year.				
OCTOBER.														
		In.										In.	Hr.	%
	Sumburgh Head.....	29.798	47.3	45.8	50.1	42.0	63	1908	28	1887	25	4.12	—	—
	Stornoway.....	29.772	47.6	46.2	51.9	40.9	70	1888	26	1880	24	5.36	85	27
	Castlebay (Barra Isd.)..	[29.881]†	[51.0]†	[49.2]†	[54.1]†	[48.3]†	[63]†	[1908]†	[34]†	[1909]†	[19]†	[3.11]†	[80]†	[25]†
	Malin Head.....	29.765	49.8	48.8	[53.0]†	[45.6]†	[73]†	[1908]†	[32]†	[1892]†	[21]†	[3.11]†	—	—
	Blackod Point.....	29.765	51.5	49.4	[54.5]†	[45.9]†	[71]†	[1908]†	[29]†	[1905]†	[23]†	[5.10]†	—	—
	Valencia.....	29.788	52.1	49.7	56.5	46.6	71	1908	28	1892	22	5.23	101	31
	Roche's Point.....	29.817	51.5	50.5	56.1	46.4	65	1880, 4, 6	32	1881	18	4.05	—	—
	Birr Castle.....	29.810	47.8	46.7	54.9	40.9	74	1908	22	1880, 1905	18	2.87	96	30
	Donaghadee.....	29.828	49.5	48.2	54.1	44.1	66	1898	21	1892	18	2.97	—	—
	Liverpool (Observatory)	29.868	48.9	47.2	54.1	44.8	73	1908	27	1895	19	3.36	[96]†	[80]†
	Holyhead.....	29.831	51.7	50.4	54.9	47.0	75	1908	32	1892	19	4.06	—	—
	Pembroke (St. Ann's Hd.)	29.825	52.0	50.5	55.3	48.2	67	1908	33	1895	19	4.18	103	32
	Scilly (St. Mary's).....	29.944	53.5	51.8	57.3	50.3	89	1895	38	1895, 96	21	3.70	117	36
	Jersey (St. Aubin's).....	29.900	54.6	52.5	59.0	49.4	76	1908	33	1887	21	4.53	126	38
	Portland Bill.....	29.862	54.6	53.2	56.9	48.6	[67]†	[1908]†	[35]†	[1905, 08]†	17	3.86	—	—
	Dungeness.....	29.897	53.6	52.0	57.2	46.3	70	1886, 1908	23	1890	17	[3.23]†	—	—
	Dover.....	[30.017]†	[52.6]†	[51.3]†	[58.8]†	[48.4]†	[74]†	[1908]†	[30]†	[1909]†	[18]†	[4.39]†	[120]†	[37]†
	Wick.....	29.796	47.3	45.5	52.2	40.6	73	1898	22	1885	21	3.09	—	—
	Nairn.....	29.796	45.4	43.7	52.9	39.5	76	1908	19	1896	19	2.50	[108]**	[35]**
	Aberdeen.....	29.840	47.7	46.4	52.8	41.5	74	1883	26	1880	20	2.95	97	31
	Leith.....	29.828	48.8	46.8	54.9	42.0	75	1908	25	1894	17	2.40	—	—
	North Shields.....	29.859	48.9	47.6	54.0	42.4	77	1908	27	1890, 92, 95, 1909	18	2.97	—	—
	Spurn Head.....	29.873	51.5	50.1	54.4	46.0	[70]*	[1900]*	[33]*	[1887, 95]*	17	2.40	—	—
	Yarmouth.....	29.905	51.9	50.3	54.9	45.2	74	1900, 08	27	1895	18	2.88	[107]†	[33]†
	Clacton-on-Sea.....	29.912	52.7	51.3	55.6	45.7	[71]†	[1908]†	[29]†	[1905]†	14	2.60	[108]†	[33]†
	Nottingham.....	29.887	48.1	47.4	55.3	41.9	78	1908	20	1890	20	2.57	[85]†	[26]†
	Bath.....	29.893	49.9	48.5	57.1	42.8	[77]†	[1908]†	[24]†	[1905]†	15	3.18	97	30
	Oxford.....	29.917	49.7	48.5	56.0	42.6	76	1886, 1908	23	1890	16	2.78	99	31
	LONDON { Westminster	29.900	51.4	50.1	[58.8]†	[46.7]†	[79]†	[1908]†	[29]†	[1905, 09]†	[17]†	[2.33]†	71	22
	LONDON { Kew.....	29.912	50.2	49.0	56.0	43.4	77	1886	25	1881, 95	17	2.70	93	29
	Sumburgh Head.....	29.729	42.1	40.5	46.1	38.7	58	1901	25	1880, 98, 04	24	4.00	—	—
	Stornoway.....	29.782	42.6	41.4	47.3	37.8	58	1897, 01, 02	20	1880	24	5.81	42	18
	Castlebay (Barra Isd.)..	[29.811]†	[45.2]†	[43.3]†	[48.5]†	[41.3]†	[55]†	[1908, 09]†	[32]†	[1909, 10]†	[21]†	[4.00]†	[61]†	[26]†
	Malin Head.....	29.811	44.9	43.8	[48.0]†	[41.8]†	[59]†	[1894, 0. 06]†	[30]†	[1909]†	[21]†	[3.20]†	—	—
	Blackod Point.....	29.868	46.2	44.3	[50.3]†	[42.1]†	[60]†	[1897, 99]†	[26]†	[1890]†	[23]†	[5.06]†	—	—
	Valencia.....	29.819	46.2	43.9	52.2	42.7	63	1881	27	1890, 96, 01	22	5.46	66	26
	Roche's Point.....	29.850	45.3	44.3	51.3	42.3	61	1908, 09	27	1890	19	4.32	—	—
	Birr Castle.....	29.813	39.9	38.9	49.2	36.8	62	1899	17	1909	18	3.06	64	25
	Donaghadee.....	29.880	43.6	42.6	49.1	39.8	60	1894, 09	27	1878, 83	19	3.07	—	—
	Liverpool (Observatory)	29.902	42.2	40.7	48.3	40.0	61	1894, 95, 99	22	1880	18	2.60	[75]†	[30]†
	Holyhead.....	29.887	46.2	44.6	50.1	42.8	62	1881	29	1889	19	4.19	—	—
	Pembroke (St. Ann's Hd.)	29.903	46.6	44.5	50.9	43.8	58	1884, 95, 97, 99, 01	28	1890	19	3.76	65	25
	Scilly (St. Mary's).....	30.043	48.6	46.6	53.2	46.4	61	1898	29	1890	20	3.48	75	28
	Jersey (St. Aubin's).....	29.953	47.9	45.8	52.8	44.3	63	1899	16	1890	21	4.18	77	29
	Portland Bill.....	29.915	48.0	46.3	51.6	43.7	[61]†	[1900]†	[30]†	[1902]†	15	2.48	—	—
	Dungeness.....	29.900	44.4	42.8	50.4	40.7	69	1899	17	1890	17	[2.80]†	—	—
	Dover.....	[29.924]†	[44.2]†	[39.7]†	[48.0]†	[37.5]†	[59]†	[1908]†	[27]†	[1910]†	[10]†	[2.50]†	[106]†	[40]†
	Wick.....	29.760	41.5	40.0	46.9	36.8	62	1900	12	1909	20	3.02	—	—
	Nairn.....	29.788	40.1	38.6	46.8	35.5	62	1906	12	1904	18	2.24	[83]**	[27]**
	Aberdeen.....	29.815	40.4	39.1	46.8	37.2	62	1889	14	1909	19	3.05	55	23
	Leith.....	29.832	41.7	39.7	48.5	37.7	63	1885	18	1885	15	1.98	—	—
	North Shields.....	29.855	41.2	40.0	48.2	37.9	62	1894	20	1880	17	2.24	—	—
	Spurn Head.....	29.861	43.8	42.2	48.0	40.7	[61]*	[1894, 95]*	[28]*	[1884]*	15	1.80	—	—
	Yarmouth.....	29.887	43.3	41.8	48.1	39.4	60	1895, 8, 9, 04	23	1890	18	2.53	[83]†	[32]†
	Clacton-on-Sea.....	29.913	42.8	41.7	48.2	39.3	[60]†	[1908]†	[25]†	[1901]†	15	1.89	[75]†	[29]†
	Nottingham.....	29.904	40.5	39.5	48.2	36.9	63	1895	13	1904	19	1.89	40	16
	Bath.....	29.938	41.6	40.5	50.2	37.5	[64]†	[1879]†	[18]†	[1901]†	13	2.89	59	23
	Oxford.....	29.951	41.0	39.8	48.9	37.7	63	1899	17	1904	15	2.31	58	23
	LONDON { Westminster	29.919	42.6	41.4	[49.7]†	[38.6]†	[62]†	[1907]†	[25]†	[1905, 10]†	[15]†	[2.14]†	28	11
	LONDON { Kew.....	29.936	41.6	40.2	48.8	38.5	63	1876	21	1901	16	2.19	61	20
	Sumburgh Head.....	29.694	40.0	38.8	43.3	36.2	53	1890, 05	19	1877, 09	27	4.44	—	—
	Stornoway.....	29.608	40.1	39.2	44.1	35.0	55	1898	15	1880	26	5.94	24	12
	Castlebay (Barra Isd.)..	[29.697]†	[44.0]†	[42.1]†	[47.0]†	[40.2]†	[53]†	[1908]†	[27]†	[1909]†	[26]†	[5.13]†	[36]†	[18]†
	Malin Head.....	29.631	42.4	41.7	[46.6]†	[38.6]†	[55]†	[1900, 04]†	[28]†	[1906, 09]†	[23]†	[3.15]†	—	—
	Blackod Point.....	29.683	44.6	42.8	[47.5]†	[39.8]†	[59]†	[1899]†	[25]†	[1906]†	[20]†	[5.83]†	—	—
	Valencia.....	29.752	45.5	43.3	49.9	40.8	57	1884, 88, 99, 1900	24	1886	25	6.32	41	17
	Roche's Point.....	29.767	44.2	43.3	48.6	40.2	57	1906	25	1882	22	5.19	—	—
	Birr Castle.....	29.735	40.3	39.3	45.7	34.4	58	1877, 1900	8	1878	20	3.10	43	19
	Donaghadee.....	29.712	41.8	41.0	45.6	36.8	56	1885, 88, 94, 09	20	1879	21	3.08	—	—
	Liverpool (Observatory)	29.760	40.4	38.8	44.4	36.3	59	1891, 98, 1900	13	1878	18	2.03	[48]†	[21]†
	Holyhead.....	29.729	43.8	42.6	46.6	39.5	56	1888	26	1878, 90, 02	20	3.95	—	—
	Pembroke (St. Ann's Hd.)	29.750	44.7	42.9	47.8	40.9	57	1899, 02	19	1890	22	4.18	43	18
	Scilly (St. Mary's).....	29.916	47.1	45.0	50.6	44.1	58	1899, 00	30	1890	22	4.28	56	23
	Jersey (St. Aubin's).....	29.858	45.1	43.2	48.4	40.7	61	1876	22	1890	21	3.85	60	24
	Portland Bill.....	29.795	45.9	44.6	47.7	40.5	[56]†	[1906, 07]†	[24]†	[1908]†	18	2.68	—	—
	Dungeness.....	29.798	41.7	40.5	45.6	36.6	56	1880, 97, 98, 1900, 07	12	1890	17	[2.41]†	—	—</



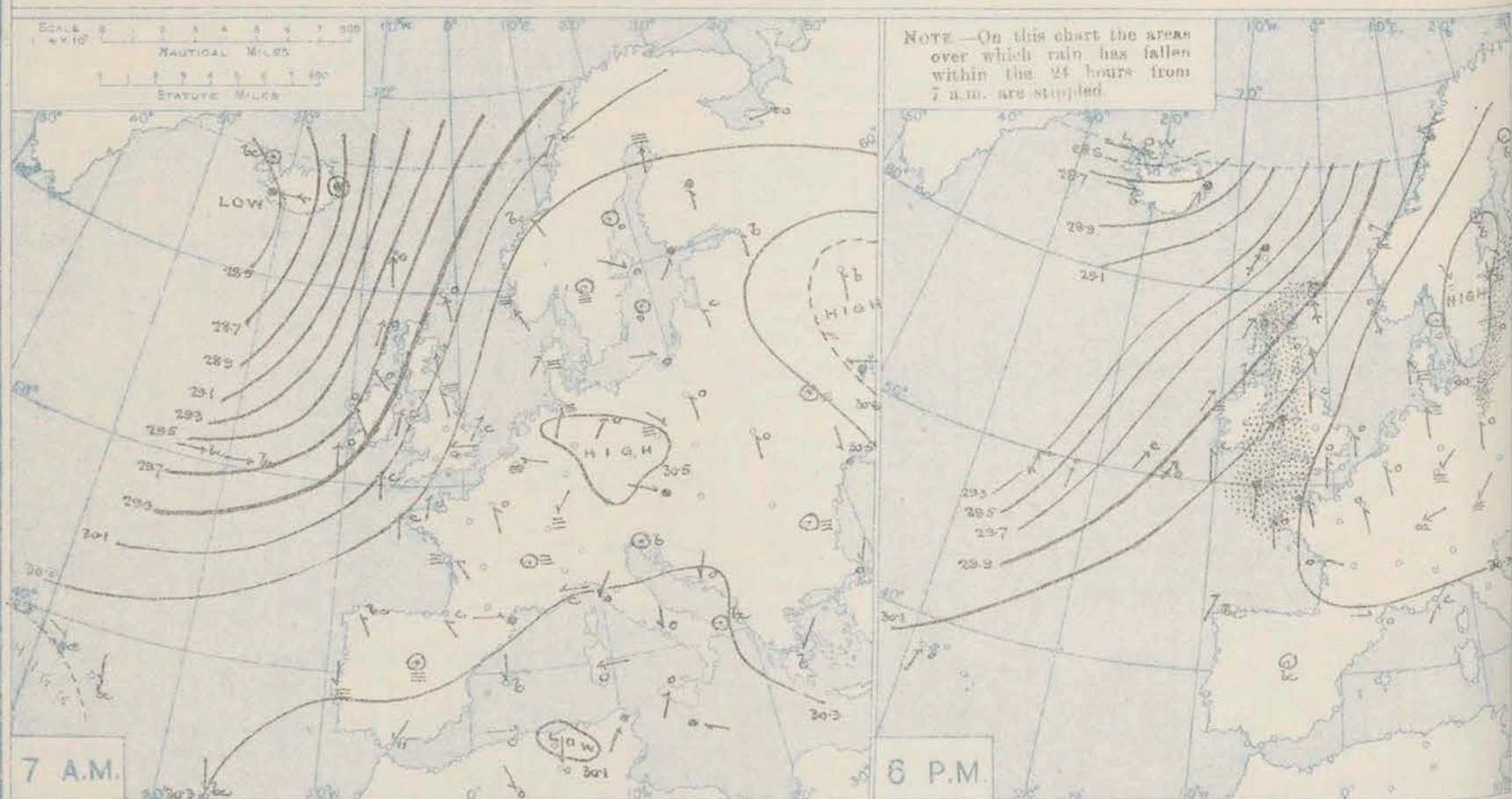
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday  
1st December, 1911.

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.	Temp.		Sun.	Weather.						
													Max.	Min.		Morn'g.	Aftern'd	Night				
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	(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).		(0 to 9).	In.	°	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	29.88	48	SSE	8	m	29.88	-0.2	48	+1	3	6	r	6	0.07	48	47	0.0	om	om	om	
	Stornoway	29.79	46	SW	6	bc	29.69	-0.7	48	-3	SW	7	c	5	0.03	53	38	0.0	opq	o. bcq	bc. c	
	Castlebay (Barra Isd.)	29.89	50	SSW	5	c	29.70	-0.7	48	-2	SE	6	c	6	0.01	52	46	0.0	opq	opq	c. bc. o	
	Malin Head	29.92	47	S	3	cg	29.73	-0.9	45	-5	S	4	cgq	3	-	52	42	-	og	og	bc	
	Blackod Point	29.90	49	SW	6	m	29.60	-1.1	50	-3	SW	7	o	5	-	53	45	-	omq	omq	bcq	
	Valencia	30.01	47	S	2	c	29.78	-0.7	51	-2	S	4	o	4	-	54	44	1.6	omc	c	bc. o	
	Roche's Point	30.06	48	SW	1	o	29.92	-0.2	49	-1	SW	5	o	5	0.17	51	45	-	om	c. om	bc. o	
	Birr Castle	30.00	46	S	2	o	29.85	-0.2	48	-3	S	3	o	-	0.02	53	40	0.0	op	o	og	
	Donaghadee	30.01	50	S	3	r	29.92	-0.2	50	0	S	2	c	2	0.16	51	49	-	om	gp	bcq	
	Liverpool Obsy.	30.17	47	SE	3	o	30.04	-0.2	46	+5	SE	3	bc	3	0.03	48	41	0.1	opq	o. c	bc	
	Holyhead	30.11	50	SW	5	rgm	29.99	-0.2	49	+2	SW	3	c	2	0.31	50	47	-	dgm	rgm	r	
	Pembroke (St. Ann's Hd.)	30.12	50	S	6	r	30.02	-0.1	49	0	S	4	bcnd	6	0.41	52	43	0.0	ogq	rgmq	rgm	
	Newquay	30.15	51	SW	4	ov	30.09	-0.2	46	-3	SSW	4	bc	3	0.48	52	45	0.0	og	og	og. c	
	Scilly (St. Mary's)	30.13	51	S	3	om	30.06	-0.1	50	-1	S	3	bcn	4	0.44	52	43	0.0	om	om	fr	
	Jersey (St. Aubin)	30.30	44	SSW	2	ogm	30.22	-0.2	45	-3	SSW	2	ogm	2	-	51	43	0.0	ogm	ogm	ogm	
Portland Bill	30.25	50	S	4	bc	30.13	-0.1	49	0	S	4	r	4	0.01	52	43	0.0	c	c	c		
Dungeness	30.32	47	0	3	og	30.21	-0.1	45	-1	SW	2	og	2	-	47	44	0.0	og	og	c. og		
Dover	30.36	45	SW	2	o	30.23	-0.1	43	-1	SSW	2	m	2	Trace	45	41	0.0	o	o	om		
Wick	29.88	48	S	4	o	29.83	-0.3	47	+2	S	4	b	3	-	49	44	-	om	om. om	bcq. c		
Nairn	29.90	46	SSW	2	c	29.83	-0.3	45	0	SSW	1	b	1	Trace	50	41	0.0	og	og	bc		
Aberdeen	30.04	46	SSW	4	o	29.95	-0.3	47	+3	S	3	c	2	Trace	48	43	0.0	c. og	og	op. c		
Leith	30.07	50	S	4	r	29.94	-0.1	48	+4	SSW	2	b	-	0.01	51	43	-	og	o. c	opq		
North Shields	30.18	43	S	3	cm	30.07	-0.1	44	+9	S	3	o	2	-	44	33	0.0	og	og	o		
Spurn Head	30.25	43	SSE	5	m	30.16	-0.1	43	+4	SSE	5	cm	4	-	44	39	-	f. m	om	om		
Yarmouth	30.35	44	S	2	o	30.24	-0.1	45	+1	SSW	1	o	2	-	47	44	0.0	c. om	om	o		
Clacton-on-Sea	30.35	44	SSE	2	o	30.25	-0.1	43	-1	SSE	2	o	2	-	45	42	0.0	ogm. og	og	og		
Nottingham	30.25	45	S	2	o	30.16	-0.1	45	+10	SW	3	c	-	Trace	45	34	0.0	om	om	o. c		
Bath	30.26	50	-	0	bc	30.16	-0.1	46	-1	SE	3	o	-	0.02	51	43	0.0	-	-	-		
Oxford	30.29	45	SSE	2	o	30.18	-0.1	45	+5	SSE	2	o	-	-	46	39	-	o	o	o		
London (Kew Obsy.)	30.33	46	S	1	o	30.22	-0.2	44	+6	S	2	om	-	-	46	37	0.0	af. m	om. o	o. om		
ICELAND & FAEROE.	Isafjord	28.56	38	W	5	bc	28.37	-0.0	41	0	S	7	c	-	-	-	-	-	-	-		
	Reykjavik	28.74	37	W	5	o	28.37	-0.6	48	+3	SW	8	r	-	-	-	-	-	-	-		
	Seydisfjord	28.71	45	SW	6	r	28.44	-0.5	46	-3	S	7	r	-	-	-	-	-	-	-		
	Thorshavn	29.34	49	SSW	8	r	29.14	-0.5	46	-3	S	7	r	-	-	-	-	-	-	-		
SCANDINAVIA.	Haparanda	30.45	27	-	0	b	30.52	+0.2	34	+12	-	0	o	-	50	22	-	-	-	-		
	Hernösand	30.52	17	-	0	b	30.52	+0.1	28	+5	-	0	o	-	28	14	-	-	-	-		
	Stockholm	30.47	35	N	2	o	30.52	+0.2	37	0	NNE	2	f	-	37	34	-	-	-	-		
	Wisby	30.43	40	W	2	o	30.47	+0.3	35	-6	-	0	b	-	0.08	41	34	-	-	-		
	Karlstad	30.51	23	NNW	2	b	30.52	-0.0	30	-6	N	2	o	-	-	37	23	-	-	-		
	Färder (X'ania Fjord)	30.43	35	N	4	o	30.45	-0.1	36	0	SE	4	o	2	-	37	34	-	-	-		
	Bodö	30.11	41	E	4	o	30.13	+0.3	45	+12	SW	5	f	2	-	41	32	-	-	-		
	Christiansund	30.08	47	SE	1	bc	30.15	+0.1	42	0	-	0	o	3	-	46	41	-	-	-		
	Skudesnaes	30.35	44	SSE	8	o	30.29	-0.0	44	+2	SSE	8	o	5	-	45	41	-	-	-		
	The Scaw (Skagen)	30.43	41	-	0	o	30.43	-0.1	39	-1	SW	3	o	1	-	41	39	-	-	-		
Blaavands Huk	30.44	41	S	1	f	30.38	-0.2	40	-2	SSE	2	f	2	-	45	37	-	-	-			
GERMANY, &c.	Cuxhaven	30.44	42	S	1	f	30.34	-0.4	41	-2	E	1	f	-	43	41	-	-	-	-		
	The Helder	30.41	41	ESE	1	m	30.30	-0.1	42	-1	S	1	f	-	43	41	-	-	-	-		
	Brussels	30.39	45	SE	1	o	30.29	-0.4	42	-1	SSW	1	o	-	45	40	-	-	-	-		
	Berlin	30.48	38	S	2	o	30.35	-0.4	37	-3	S	2	o	-	0.08	43	36	-	-	-		
	Frankfurt	30.41	43	NE	1	m	30.34	-0.2	37	-5	NE	1	o	-	-	43	36	-	-	-		
	Munich	30.45	37	NE	2	f	30.36	-0.1	37	+4	NE	3	f	-	-	37	32	-	-	-		
FRANCE.	C. Gris Nez	30.37	43	SSW	1	o	30.25	-0.2	40	-1	SSW	2	f	2	Trace	48	39	-	-	-		
	La Hève	30.35	40	SE	3	m	30.26	-0.2	40	0	S	3	o	2	-	43	37	-	-	-		
	Brest (St. Mathieu)	30.25	52	S	5	o	30.17	-0.2	52	+1	SSW	4	o	5	0.12	54	51	-	-	-		
	Lorient (Bec Melen)	30.23	46	SE	3	o	30.19	-0.2	48	-1	SE	3	m	6	-	52	41	-	-	-		
	Rochefort (De d'Als)	30.32	48	ESE	3	o	30.23	-0.2	44	-1	E	3	m	-	-	52	41	-	-	-		
	Biarritz	30.38	43	SE	1	o	30.28	-0.4	40	-4	SE	2	o	-	-	46	40	-	-	-		
Paris	30.43	39	ENE	5	f	30.33	-0.2	39	-2	ENE	4	f	-	-	50	39	-	-	-			
Lyons	30.25	53	SW	2	c	30.21	-0.1	47	-7	SE	1	o	2	-	63	46	-	-	-			
Nice	30.27	55	W	1	o	30.21	-0.0	47	-5	W	1	o	-	0.87	61	46	-	-	-			
Perpignan	30.24	52	S	3	o	30.15	-0.2	57	-2	E	3	m	1	-	64	48	-	-	-			
Sanguinaire	30.24	52	S	3	o	30.15	-0.2	57	-2	E	3	m	1	-	64	48	-	-	-			
SPAIN, PORTUGAL, &c.	Corunna	30.24	57	SW	1	bc	30.18	-0.0	54	+6	SW	2	o	5	0.24	59	49					



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



## NOTES ON YESTERDAY'S WEATHER.

During the past 24 hours temperature has exceeded 50° over a great part of these islands, and reached 54° at Valencia and Weymouth. On the northeast coast of England it did not exceed 44°, and at Harrogate 42°. A S. gale was felt at Larwick, Wick, Stromway and Blackad Point, a strong gale

at Castlebay. Rain fell in several localities, but no large amounts were reported. Nearly the whole of the station's report no bright sunshine. As far west as the 30th meridian ships experienced S.W. to W. winds, strong to a hurricane in force, with fair to dull weather.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON FRIDAY TO NOON SATURDAY.

FORECAST DISTRICTS.		FORECAST DISTRICTS.	
0 } a b	S. and S.W. winds, fresh to strong or a gale at times; squally, unsettled, some rain, fog locally; mild.	6 } a b	Same as Nos. 0 to 2.
1 } a b	S. and S.W. breezes, freshening; dull generally, some showers, local fog; mild.	7 } a b	
2 } a b	Same as Nos. 0 to 2	8 } a b	
3 } a b		9 } a b	
4 } a b		10 } a b	
5 } a b		11 } a b	

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

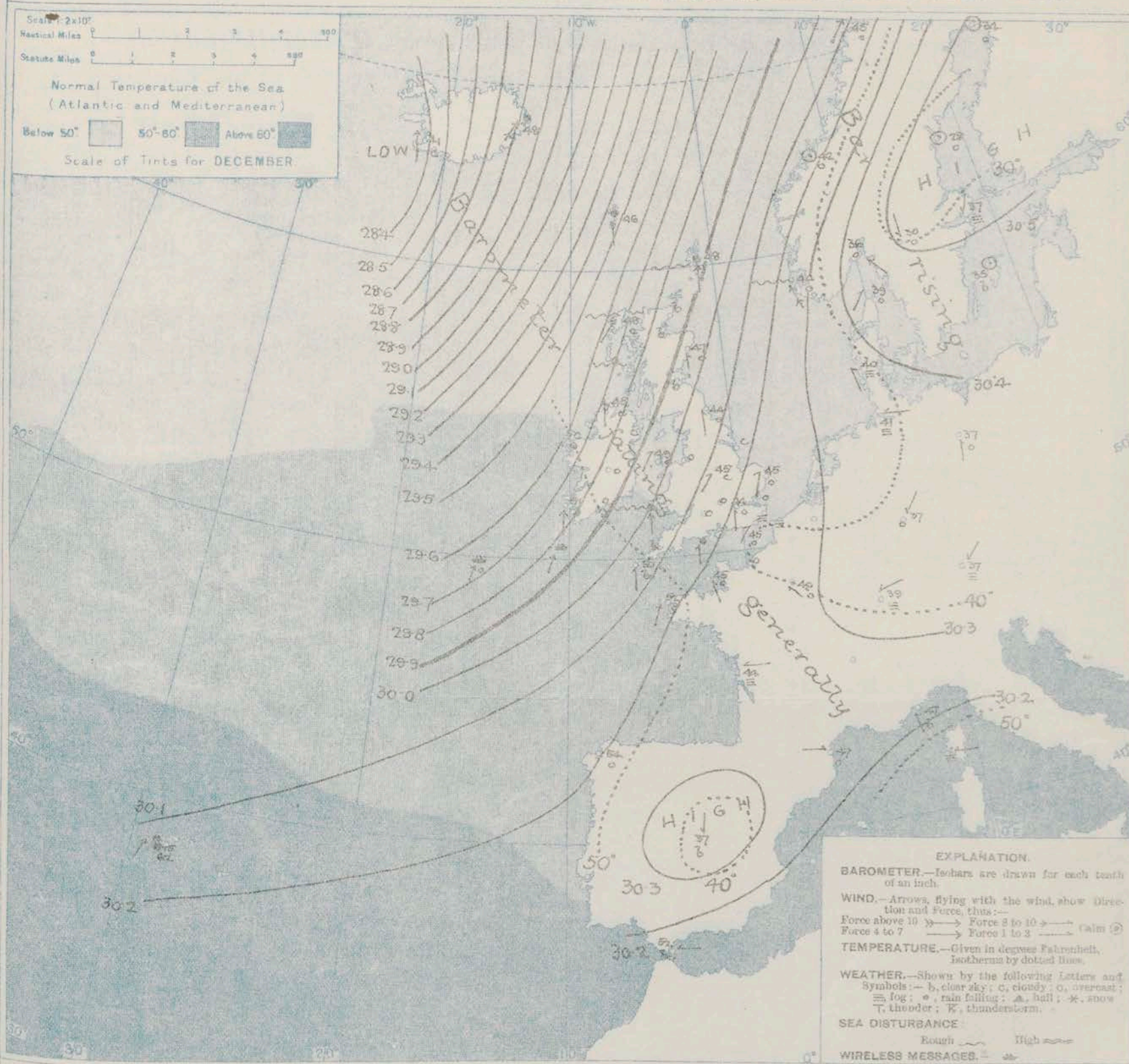
THE FURTHER OUTLOOK.

11 WESTERN CHANNEL AND BAY.

S. and S.W. winds, increasing, strong to a gale at times; sea moderate to rough; squally, changeable, some rain, local fog; mild.



# SYNOPTIC CHART FOR 7 A.M. FRIDAY, 1<sup>ST</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is increasing over Northern Europe, and the barometer is now above 30½ in. at the Swedish stations, and in Finland. Over the rest of our area the barometer is falling, a very deep cyclonic system being centred to the west of Ireland, with the mercury below 28½ in. On the Continent the gradient is very slight, but elsewhere it is unusually steep.

S.W. and S.W. winds prevail very generally, as a rule moderate to very light in force, but strong or high on our northwestern and northern coasts, a gale at Skudesnaes and the east of Iceland. Over the British Isles temperature

ranges from 43° at Spurn Head, Clacton-on-Sea and Dover, to 51° at Valencia, on the Continent from 37° at the German stations to 57° at Sangrass; in Scandinavia from 28° at Helsingfors to 45° at Bodø; and in Iceland from 41° to 48°. Very cloudy to overcast skies prevail in all countries, with a misty to foggy atmosphere in many localities, but rain is falling in a few isolated situations. The sea is rough or rather rough round the north of Scotland, across the entrance to St. George's Channel, and off the south of Norway.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS

The barometer is falling over Western Europe generally, and with the very deep

cyclone on the Atlantic the southerly type of conditions will be maintained.



## DAILY WEATHER REPORT.

Friday, 1st December, 1911.

## 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.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.	Dry Bulb.	Wet Bulb.	
Dec. 1st 4am	49	16	29.63	SSE	6-7	Oceanic	Dec. 1st 7am	49	15	29.63	SSW	6-7	o	.	.	.	.
Nov. 30th 3pm	49	23	29.63	SSW	6-7		Nov. 30th 6pm	49	21	29.62	SSW	6-7	o.	.	.	.	.
" " "	50	15	29.86	SW	12	Lake Champlain	" " "	50	14	29.91	SW	10-11	b.	.	.	.	.
" " "	50	17	29.71	SW	6-7	Celtic	" " "	51	16	29.71	WSW	6-7	c	.	.	.	.
" " "	49	26	29.25	SSW	10-11	Philadelphia	" " "	49	24	29.25	SSW	10-11	m	.	.	.	.
" " 5pm	50° 12	6° 30	30.16	SSW	5	H.M.S. " "	" " "	50° 10	6° 21	30.16	SSW	4	o	52	52	51	5
" " 10am	50° 49	7° 40	30.16	S	6		" " 11am	50° 42	7° 23	30.16	S	6	r	52	51	49	5
" " 4am	50	19	29.45	W	8-9	Lake Champlain	" " 7am	50	17	29.68	W	6-7	bc	.	.	.	.
" " "	50	21	29.47	WNW	6-7	Celtic	" " "	50	21	29.60	W	6-7	bc	.	.	.	.
" " "	48	28	29.31	WSW	4-5	Oceanic	" " "	48	25	29.80	SW	6-7	b.	.	.	.	.
" " "	49	31	29.75	SW	6-7	Philadelphia	" " "	49	29	29.58	SW	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.	53	45	og. o	0.0	—	Brighton, to 6 p.m.	47	34	o	0.0	—
Dublin (City), to 4 p.m.	53	47	bc. op	0.0	0.01	Seaford, to 6 p.m.	48	36	o	0.0	—
Blackpool, to 9 p.m.	48	36	o. ad	0.0	0.01	Eastbourne, to 6 p.m.	47	34	o	0.0	—
Southport, to 9 p.m.	48	36	oe. bc. o	0.0	—	Bexhill-on-Sea, to 9 p.m.	46	42	o	0.0	—
Rhyl, to 6 p.m.	67	37	b. c. o	0.0	—	Hastings ...	*	*	o	0.0	—
Colwyn Bay, to 6 p.m.	52	42	bc. o	0.0	—	Folkestone, to 6 p.m.	50	40	f. o	0.0	—
Llandudno, to 9 p.m.	52	40	b. o. op	0.0	0.04	Deal, to 6 p.m.	45	35	ang. o	0.0	—
Bettws-y-Coed, to 6 p.m.	52	41	o. bc. r	0.0	—	Ramsgate, to 6 p.m.	44	39	o. m. o	0.0	—
Aberystwyth, to 6 p.m.	52	47	bc. m. c	0.3	0.10	Margate, to 6 p.m.	45	41	o	0.0	—
Plymouth, to 9 p.m.	52	39	bc. m. c	0.3	—	Felixstowe, to 6 p.m.	46	42	om	0.0	—
Paignton, to 6 p.m.	52	45	ap	0.1	—	Lowestoft, to 6 p.m.	44	39	m. o	0.0	—
Torquay, to 6 p.m.	52	48	ap	0.1	—	Skegness, to 6 p.m.	44	39	m. o	0.0	—
Teignmouth, to 9 p.m.	54	37	e. om. c	0.4	—	Scarborough, to 9 p.m.	43	41	og. f. og	0.0	0.01
Weymouth, to 6 p.m.	50	36	o. c	0.2	0.01	Harrogate, to 6 p.m.	42	32	b. of. m	0.0	—
Bournemouth, to 6 p.m.	48	38	o	0.0	—	Buxton, to 6 p.m.	45	40	m. c	0.0	—
Southsea, to 6 p.m.	47	35	o	0.0	—	Darwen, to 9 p.m.	45	37	o. og. o	0.0	Trace
Worthing, to 6 p.m.	47	35	o	0.0	—	Manchester, to 9 p.m.	48	39	om. c. o	0.0	—
						Birmingham, to 9 p.m.	46	33	o. c	0.1	—

## 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 Dec. 1911.	Sunrise	Noon	Sunset
Greenwich (Royal Obs.) ...	92	89	46	41	oe. o	—	0.0	Yarmouth ...	7.42	11.42	3.43
City (Bunhill Row) ...	92	85	48	44	m. me. m	—	0.0	Greenwich ...	7.43	11.42	3.42
Westminster (St. James's Pk.)	92	85	48	44	m. me. m	—	0.0	Greenwich ...	7.45	11.49	3.53
Camden Sq. (Brit. Rainfall)	93	80	47	43	og. m. o	—	0.0	Wick ...	7.46	11.49	3.53
Hampstead (Reservoir) ...	*	89	46	41	om. o	—	0.0	Wick ...	8.38	12.1	3.25
								Valencia ...	8.39	12.1	3.24
								Valencia ...	8.38	12.30	4.32
South Kensington ...	*	*	48	37	of. m. og. og. o	Trace	0.0	Valencia ...	8.29	12.30	4.32
" (Roof of M.O.)	92	*	47	38	of. m. og. og. o	*	0.0				

## 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 ...	—	66	52	b. b.	Rome ...	—	58	47	b. c
Marseilles ...	—	66	52	b. r.	Vienna ...	Trace	45	37	c. r.
Malta ...	—	67	62	r	Utrecht ...	—	48	43	f. m.
Algiers ...	—	68	59	o. o.	Zürich ...	—	*	*	f. f.
Tunis ...	—	68	50	o. r.	Geneva ...	—	*	*	bc. c.
Palermo ...	—	69	49	o. o.	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; 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-baza, 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.



1911.

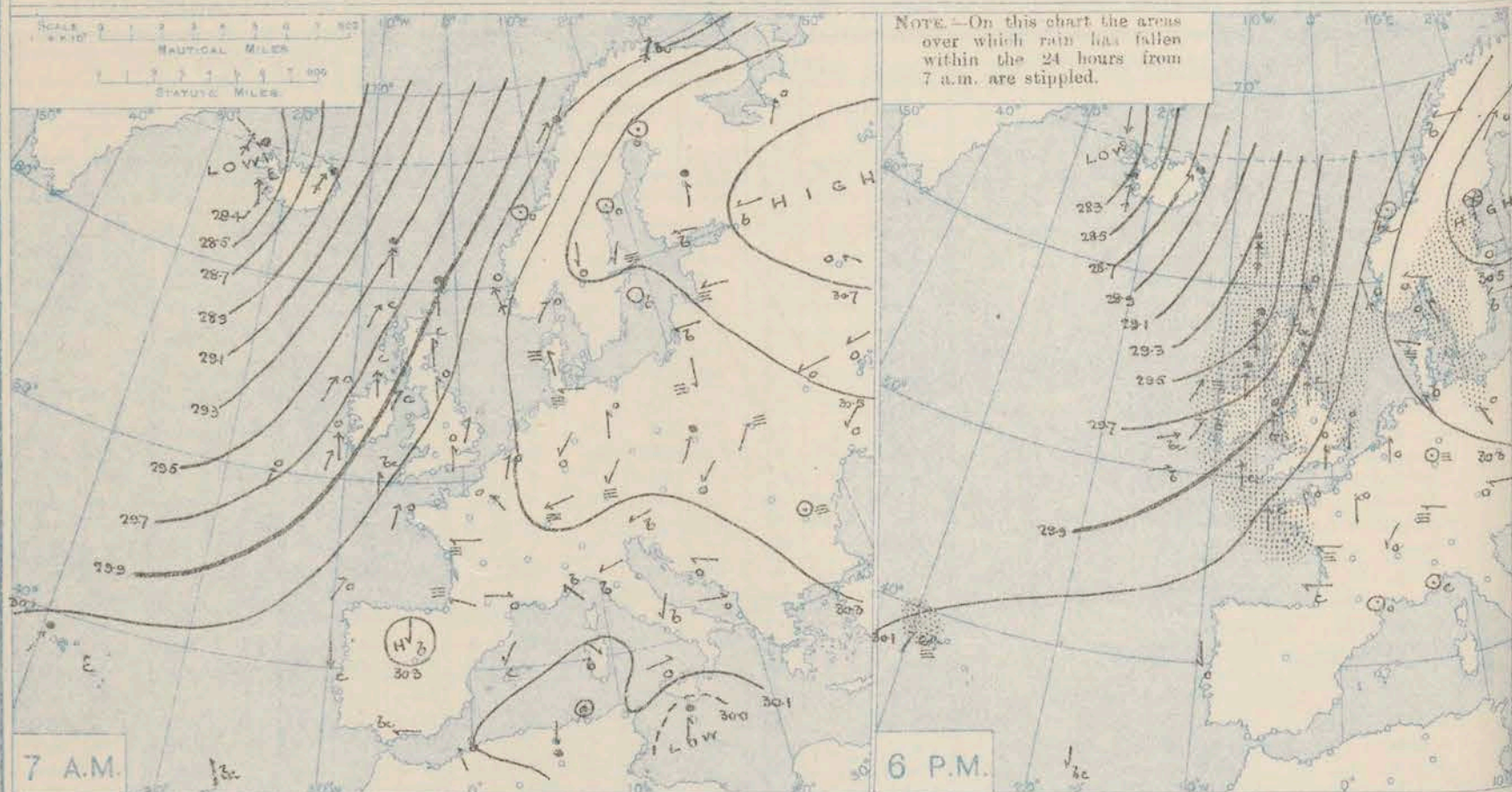
## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday  
2nd December, 1911.

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.	Dir.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Weather.			Max.	Min.	Sun-shine.	Morn'g. 7 a.m. to 1 p.m.	Aftern'g. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.						
BRITISH ISLANDS.	Lerwick	29.71	48	SSE	8	0	29.73	+0.02	47	-1	S	5	bc	3	0.24	48	46	0.0	bc	cm	cm					
	Stornoway	29.45	48	S	8	0	29.68	+0.23	43	-5	SW	3	bc	3	0.35	50	39	0.0	c.cq	org	a.bcpq					
	Castlebay (Barra Isd.)	29.49	49	SSE	6	0	29.68	-0.01	48	0	SSW	4	0	5	0.19	50	42	0.0	ogp	gq.pq	chp.c					
	Main Head	29.53	46	S	5	0	29.72	-0.02	40	-5	SE	4	bc	6	Trace	50	40	0.0	ogp	ompg	bcp					
	Blacksod Point	29.55	49	SW	6	0	29.62	-0.04	48	-2	SW	6	0	5	0.45	53	45	0.0	omg	omgp	bcp					
	Valencia	29.76	50	SW	3	0	29.69	-0.10	48	-3	SSE	3	0	4	0.24	53	43	0.0	tm	tm.bc	bc					
	Roches Point	29.50	50	SSW	7	0	29.79	0	47	-2	SW	3	0	5	0.22	50	42	0.0	0	0	bc.0					
	Birr Castle	29.69	51	S	4	0	29.76	0	39	?	S	3	0	0	0.09	51	37	0.0	0	0	0					
	Donaghadee	29.76	50	S	4	0	29.83	-0.03	39	-11	SSW	2	bc	2	0.08	50	38	0.0	bc.cpq	0	bc					
	Liverpool Obsy.	29.96	46	SE	4	0	29.90	-0.01	47	+1	SSE	3	0	1	0.16	50	45	3.2	bc	bc	op.					
	Holyhead	29.59	50	S	6	0	29.86	-0.02	49	0	S	2	0	2	0.30	50	48	0.0	cm	cmcp	cm					
	Pembroke (St. Ann's Hd.)	29.94	51	S	5	0	29.91	-0.04	51	+2	S	6	0	6	0.56	52	49	2.5	cm	cmcp	cm					
	Newquay	30.01	50	S	3	0	29.95	0	51	+5	S	4	0	4	0	52	46	2.1	0	0	0					
	Scilly (St. Mary's)	29.99	51	S	5	0	29.92	-0.04	52	+2	S	5	md	5	0.05	52	48	0.5	cm	cm	omg					
	Jersey (St. Aubin)	30.16	47	SSE	3	0	30.16	0	47	+2	S	3	0	3	0	47	45	0.0	ogm	ogm	ogm					
Portland Bill	30.07	51	S	5	0	30.06	-0.01	50	+1	S	4	0	4	0.01	52	49	0.0	cd	cm	0.0						
Dungeness	30.16	46	SW	3	0	30.13	?	46	+1	SSW	4	0	3	0	47	44	0.0	og	og	og.0						
Dover	30.19	45	S	2	0	30.17	0	45	+2	S	2	0	4	Trace	45	42	0.0	mod	om.0	0						
Wick	29.64	48	S	8	0	29.75	+0.03	43	-4	SW	3	bc	3	0.02	49	40	0.0	bcmg	cpq	cpq.b						
Nairn	29.66	49	S	5	0	29.76	0	36	-9	0	0	0	1	0.05	50	35	2.0	0	0	0						
Aberdeen	29.80	48	SSE	5	0	29.82	+0.02	43	-4	SSW	3	0	3	0	49	43	0.8	c.og	og.bcp	bcp.c						
Leith	29.85	50	SSE	3	0	29.84	+0.01	45	-3	S	3	bc	0	0.01	52	44	0.0	bcas	ogp	cpq						
North Shields	29.98	45	S	4	0	29.94	+0.01	48	+4	S	2	0	2	0.08	48	41	0.0	0	0	og						
Spurn Head	30.08	44	SSE	6	0	30.03	-0.01	46	+3	S	6	0	5	0.04	46	42	0.0	om	cpm	om.0						
Yarmouth	30.17	44	S	2	0	30.14	-0.03	44	-1	SSW	1	0	3	Trace	47	43	0.0	0	0	0						
Clacton-on-Sea	30.17	44	SSE	3	0	30.15	-0.02	44	+1	SSE	3	0	2	0.01	45	42	0.0	ogdp	ogdp	og						
Nottingham	30.07	46	SSW	4	0	30.02	0	48	+3	SSW	3	0	0	0	49	44	0.0	0	0	0						
Bath	30.09	51	SE	3	0	30.06	0	51	+5	SW	1	0	0	0.01	51	46	0.0	0	0	0						
Oxford	30.13	47	SSE	3	0	30.09	0	47	+2	SSE	2	0	0	0.03	48	44	0.0	0	0	od.og						
London (Kew Obsy.)	30.15	46	S	2	0	30.13	-0.01	46	+2	SSW	2	0	0	0	47	44	0.0	om	0	0.0						
ICELAND & FAEROE.	Isafjord	28.27	42	N	6	0	28.38	0	33	-6	W	3	0	0	0	0	0	0	0	0	0					
	Reykjavik	28.30	39	S	8	0	28.39	+0.04	31	-10	SW	3	0	0	0	0	0	0	0	0	0					
	Seydisfjord	28.72	46	SW	4	0	29.11	+0.15	40	-8	SW	2	0	0	0	0	0	0	0	0	0					
	Thorshavn	29.31	46	S	8	0	29.51	+0.06	43	-3	SW	4	0	0	0	0	0	0	0	0	0					
SCANDINAVIA.	Haparanda	30.56	35	SW	4	0	30.55	-0.01	30	-4	SSW	4	0	0	0	36	30	0.0	0	0	0					
	Hernösand	30.58	30	0	0	0	30.49	?	32	+4	0	0	0	0	Trace	34	14	0.0	0	0	0					
	Stockholm	30.52	34	E	2	0	30.51	+0.01	35	-2	SSE	2	0	0	0	37	32	0.0	0	0	0					
	Wisby	30.47	31	E	2	0	30.51	+0.02	31	-4	E	2	bc	0	0	37	28	0.0	0	0	0					
	Karlstad	30.50	33	E	2	0	30.47	0.00	33	+3	E	2	0	0	0.04	34	30	0.0	0	0	0					
	Færder (X'tonia Fjord)	30.43	37	ESE	4	0	30.38	-0.01	39	+3	SE	4	0	3	0.08	39	34	0.0	0	0	0					
	Bodö	30.44	39	E	3	0	30.40	-0.02	36	-9	E	2	0	1	0	45	34	0.0	0	0	0					
	Christiansund	30.10	42	0	0	0	29.99	-0.03	45	+3	S	3	0	4	0	45	39	0.0	0	0	0					
	Skudesnaes	30.21	44	SSE	9	0	30.16	-0.01	42	-2	SE	9	0	7	0	45	41	0.0	0	0	0					
	The Scaw (Skagen)	30.43	40	SE	2	0	30.37	-0.03	42	+3	SSE	3	0	1	0.04	43	36	0.0	0	0	0					
GERMANY, &c.	Blaavands Huk	30.35	37	ESE	2	0	30.32	-0.01	39	-1	SSE	3	0	2	0	41	37	0.0	0	0	0					
	Cuxhaven	30.31	59	SE	2	0	30.33	0.00	34	-5	SW	2	0	0	0	43	36	0.0	0	0	0					
	The Helder	30.25	40	SE	1	0	30.26	0.00	38	-4	SSE	2	0	0	0	43	39	0.0	0	0	0					
	Brussels	30.26	41	S	1	0	30.24	-0.01	40	-2	S	1	0	0	0	42	39	0.0	0	0	0					
	Berlin	30.34	36	SE	3	0	30.42	+0.04	38	+1	SE	3	0	0	0.16	49	36	0.0	0	0	0					
FRANCE.	Frankfurt	30.26	42	0	0	0	30.31	+0.02	36	-1	NE	1	0	0	0	45	34	0.0	0	0	0					
	Munich	30.28	38	E	2	0	30.37	+0.01	31	-6	S	2	0	0	0	41	28	0.0	0	0	0					
	C. Gris Nez	30.21	41	SSE	3	0	30.20	0.00	41	+1	SSE	3	0	2	Trace	43	39	0.0	0	0	0					
	La Hève	30.21	39	SSE	2	0	30.15	0	39	-1	S	2	0	2	0	43	37	0.0	0	0	0					
	Brest (St. Mathieu)	30.14	52	S	4	0	30.12	-0.02	52	0	S	4	0	6	0	54	43	0.0	0	0	0					
SPAIN, PORTUGAL, &c.	Lorient (Bec Melen)	30.18	45	E	3	0	30.18	0	44	0	SE	3	0	0	0.04	48	43	0.0	0	0	0					
	Rochefort (Ile d' Aix)	30.17	53	E	3	0	30.22	0	42	+1	E	2	0	4	0	55	41	0.0	0	0	0					
	Biarritz	30.17	53	E	3	0	30.24	+0.01	39	-1	SE	2	0	0	0	42	39	0.0	0	0	0					
	Paris	30.24	41	S	2	0	30.29	0	35	-4	ENE	4	0	0	0	41	35	0.0	0	0	0					
	Belfort	30.27	39	E	2	0	30.28	0	38	0	0	0	0	0	0	44	38	0.0	0	0	0					
AZORES, &c.	Lyons	30.27	42	NE</																						



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



## NOTES ON YESTERDAY'S WEATHER.

Temperature again exceeded 50° in many parts of these islands during yesterday, Teignmouth having a maximum of 55°. Pembroke reports over  $\frac{1}{2}$  inch of rain, but as a rule the amounts in other localities were very small. There were good sunshine records in Wales and Lancashire, up to 5.2 hours

at Aberystwyth, but in nearly all other parts of the Kingdom the day was sunless. A S.<sup>ly</sup> gale to a strong gale was experienced at several northwestern and northern stations. As far west as the 17th meridian ships experienced light to strong S.<sup>ly</sup> to W.<sup>ly</sup> winds, and fine to dull weather.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

0 { a } Increasing S.<sup>ly</sup> winds, strong to a gale  
b } at times in places; squally, changeable,  
some rain and mist; mild.

1

2 { a }  
b } Freshening S.<sup>ly</sup> winds; fair to

3

dull, gusty, some rain and

4

mist; 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	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 & 1.

### 11 WESTERN CHANNEL AND BAY.

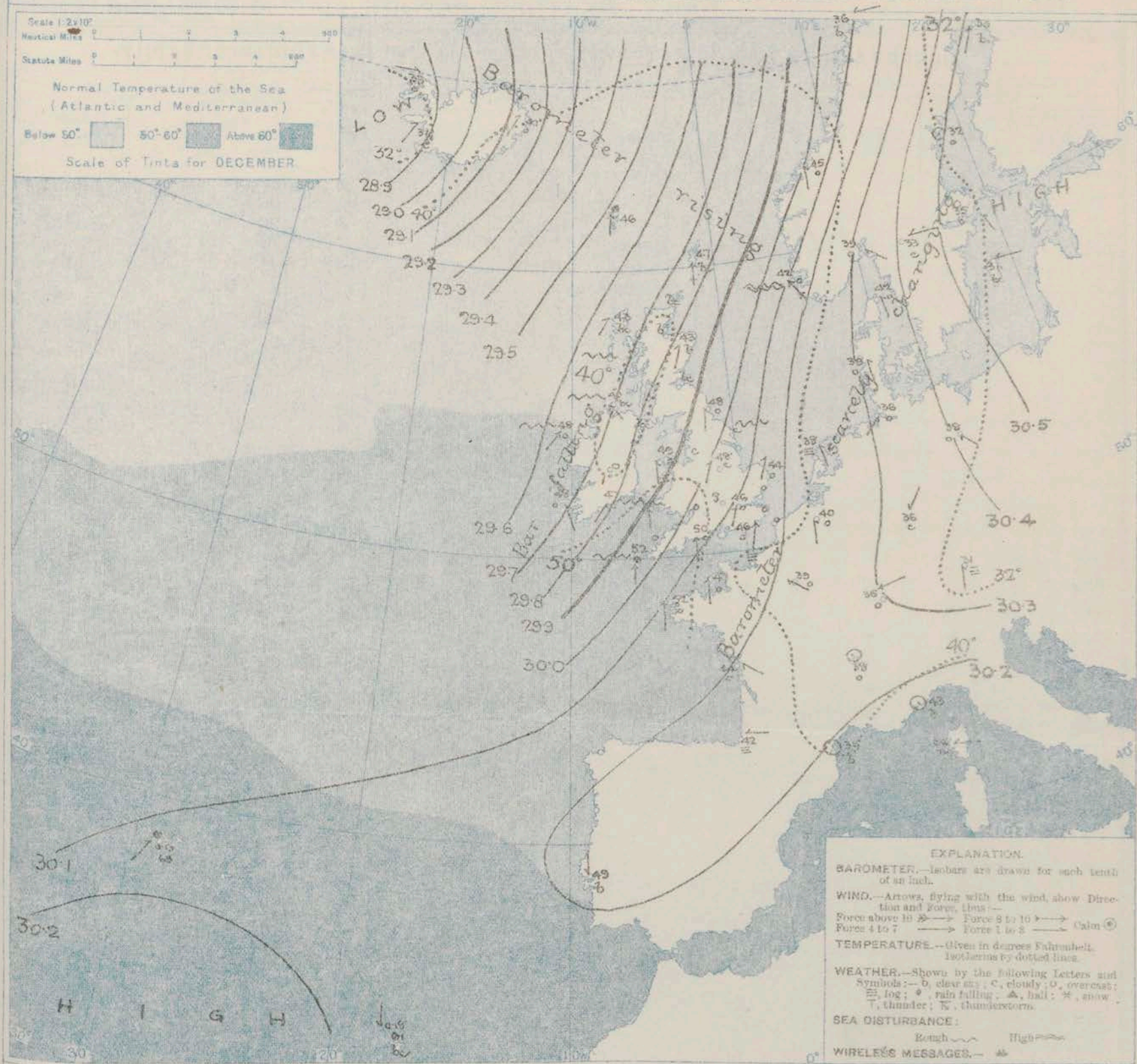
Fresh to strong S.<sup>ly</sup> winds, a gale at times; sea moderate to rough; squally, dull, some rain, mist or fog; mild.

### THE FURTHER OUTLOOK.

Changeable, mild weather continuing.



# SYNOPTIC CHART FOR 7 A.M. SATURDAY, 2<sup>ND</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure continues highest, above 30.2 in., over the eastern half of the Continent. In a depression between Iceland and Greenland the barometer is below 28.9 in. Another depression is indicated beyond Iceland, where a new fall of the barometer has set in. The gradient is slight over Western and Eastern Europe, but considerable between Iceland, Norway and the British Isles.

Southerly breezes prevail over nearly the whole of the region under observation, as a rule gentle to very light in force, but blowing strongly at Blackhead

Point, Lambeth and Spurn-Head a strong gale at Skudesnæs. At the same stations temperatures ranged from 36° at Flouin to 52° at Lelley; on the Continent from 31° at Munich to 52° at Brest; in Scandinavia from 30° at Stapananda to 45° at Christiansund; and in Iceland from 31° to 40°. The sky is cloudless in the east of Scotland and of Iceland, Northern Scandinavia and the south of France. Elsewhere it is generally overcast and dull, with a misty or gloomy appearance locally. A little drizzling rain is reported at Lelley only. A rough or rather rough sea is running on various parts of our own western coasts, and it is high off the south of Norway. Newquay reports a heavy ground swell.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS

The barometer is again giving way briskly in the south-west of Ireland, and the

indications point to a continuation of the open southerly type of weather.



## DAILY WEATHER REPORT.

Saturday, 2nd December 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.	Surf.
	Lat. N.	Long. W.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.				
														Dry Bulb.	Wet Bulb.			
			In.						In.									
Dec. 1st 3pm.	51	10	29.66	S	6-7	<u>Daltic</u>	Dec. 1st. 6pm.	51	11	29.78	WSW	4-5	b.	-	-	-		
" " "	51	11	29.61	S	6-7	<u>Olympia</u>	" " "	51	13	29.71	WSW	6-7	bc	-	-	-		
" " "	49	15	29.63	WSW	1-3	<u>Philadelphia</u>	" " "	49	13	29.80	WSW	1-3	b	-	-	-		
" " 10am.	49	13	29.70	SSW	6-7	<u>Oceanic</u>	" " 1pm.	49	12	29.74	SSW	6-7	o	-	-	-		
" " 4am.	50	11	29.86	SSW	6-7	<u>Lake Champlain</u>	" " 7am.	50	10	29.77	SSW	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. ... ..	53	44	bc. o. d.		—	Brighton, to 6 p.m. ... ..	48	45	*	0.2	0.01
Dublin (City), to 4 p.m. ...						Seaford, to 6 p.m. ... ..	48	43	r. o. r. o.	0.0	—
Blackpool, to 9 p.m. ... ..	50	45		3.3	0.05	Eastbourne, to 6 p.m. ...	48	44	*	0.0	—
Southport, to 9 p.m. ... ..	51	45	r. o. o.	4.0	0.05	Bexhill-on-Sea, to 9 p.m. ...	46	42	o	0.0	—
Rhyl, to 6 p.m. ... ..	54	45	o. bc.	4.9	—	Hastings ... ..		*	*	0.0	*
Colwyn Bay, to 6 p.m. ... ..	53	48	bc	3.8	0.04	Folkestone, to 6 p.m. ... ..	46	43	o. m. o.	0.0	—
Llandudno, to 9 p.m. ... ..	53	47	op. b. c.	2.1	—	Deal, to 6 p.m. ... ..	46	42	f. o. m. g.	0.0	—
Bettws-y-Coed, to 6 p.m. ...	51	48	b	3.8	—	Ramsgate, to 6 p.m. ... ..		*	*	0.0	0.03
Aberystwyth, to 6 p.m. ...	53	47	*	5.2	0.03	Margate, to 6 p.m. ... ..	45	41	r. o. o.	0.0	0.01
Plymouth, to 9 p.m. ... ..						Felixstowe, to 6 p.m. ... ..	44	42	*	0.0	—
Paignton, to 6 p.m. ... ..	54	49	r. bc.	0.5	0.03	Lowestoft, to 6 p.m. ... ..	45	42	o. d. o. d.	0.0	0.01
Torquay, to 6 p.m. ... ..	53	49		0.7	0.04	Skegness, to 6 p.m. ... ..	44	42	op. o.	0.0	—
Teignmouth, to 9 p.m. ... ..	55	49	r. bc. o.	1.1	0.10	Scarborough, to 9 p.m. ...	44	42	of	0.0	—
Weymouth, to 6 p.m. ... ..	51	47	p. c. o. d. o.	0.0	0.10	Harrogate, to 6 p.m. ... ..	45	40	o. c. o.	0.0	0.05
Bournemouth, to 6 p.m. ...	50	44	d. or	0.0	0.19	Buxton, to 6 p.m. ... ..	43	42	m. c. m.	0.0	0.02
Southsea, to 6 p.m. ... ..	48	44	*	0.0	—	Darwen, to 9 p.m. ... ..	45	43	odm. o.	0.0	—
Worthing, to 6 p.m. ... ..	47	45	o	0.0	—	Manchester, to 9 p.m. ...	48	44	ou. c. o.	0.0	—
						Birmingham, to 9 p.m. ...					

## 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.				2nd & 3rd Dec. 1911.	Sunrise	Noon
24 HOURS ENDED AT 4 A.M. TO-DAY.											
Greenwich (Royal Obs.) ...	88	91	47	43	o	-	In.	Hrs.		G.M.T.	G.M.T.
City (Rushill Row) ...	8	8	8	8	8	*	*	0.0	Yarmouth ...	7:43	11:42
Westminster (St. James's Pk.)	84	92	48	45	m. bc	-	-	0.0		7:45	11:43
Camden Sq. (Brit. Rainfall)	88	94	48	44	o	-	-	0.0	Greenwich ...	7:46	11:49
Hampstead (Reservoir) ...	*	96	45	44	o. of	-	-	0.0		7:48	11:50
24 HOURS ENDED AT 6 P.M. YESTERDAY.											
South Kensington ...	*	*	48	43		-	*	*	Wick ...	8:39	12:1
" (Roof of M.O.)	85	92	48	44		-	0.0	0.0	Valencia ...	8:29	12:30
										8:31	12:31

## 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 ... ..	-	64	50	b. b.	Rome... ..	-	57	43	o. b.
Marseilles ... ..	-	64	46	b. b.	Vienna ... ..	0.04	45	39	o. o.
Malta ... ..	0.35	66	60	r.	Utrecht ... ..	Trace	46	41	m. m.
Algiers ... ..	0.04	64	55	o. o.	Zürich ... ..	-	"	"	o. o.
Tunis ... ..	-	66	46	o. o.	Geneva ... ..	-	"	"	o. o.
Palermo ... ..	0.12	66	54	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. only 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 1s per annum, for postage and wrappers.



1911.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday  
3rd December, 1911.

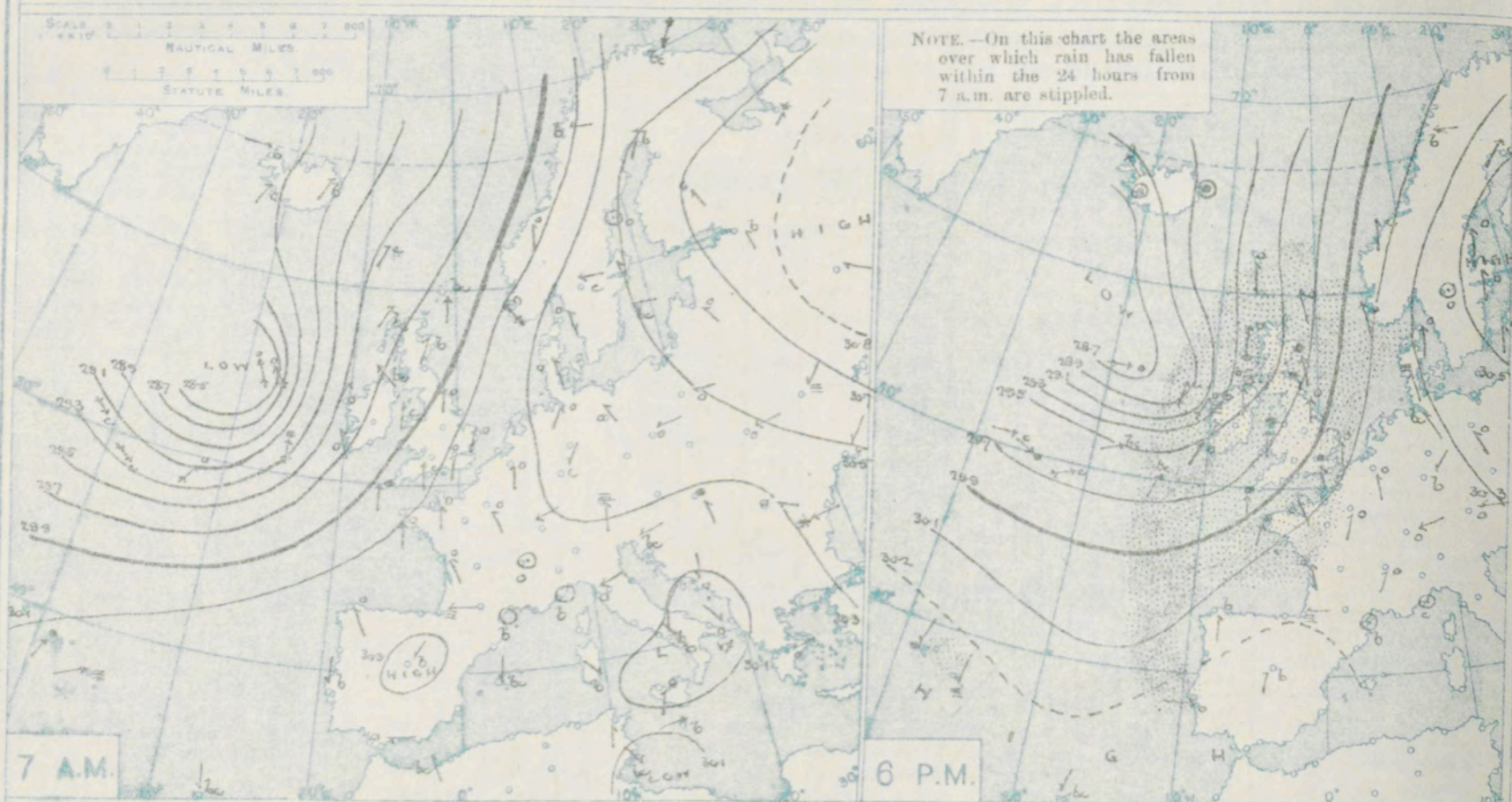
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						
	Barom.	Temp.	Wind	Force	Weather.		Barometer.		Temp.		Wind.		Force	Weather.	Sea	Rain-fall.	Temp.			Weather.			
							At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).					Max.	Min.	Sun-shine.	Morn'g 7 a.m. to 1 p.m.	Aftern'g 1 p.m. to 6 p.m.	Night 6 p.m. to 7 a.m.	
BRITISH ISLANDS.																							
Lerwick	29.60	48	SSE	6	0		In. 29.54	+0.08	47	0	S	6	0	5	0.21	49	43	0.3	bc	bc	bc		
Stornoway	29.24	49	S	6	0		29.42	+0.07	47	-1	S	6	0	7	0.23	50	40	0.0	bc	bc	bc		
Castlebay (Barra Isd.)	29.22	49	SE	8	0	opq	29.45	+0.08	44	-4	SSW	5	0	6	0.14	50	41	0.0	bc	bc	bc		
Malin Head	29.24	45	S	8	0		29.51	+0.04	41	+1	SSW	6	0	7	0.50	48	40	0.0	bc	bc	bc		
Blacksod Point	29.22	51	SW	8	0	m	29.54	+0.02	45	-3	SW	7	0	5	0.53	51	39	0.0	bc	bc	bc		
Valencia	29.53	49	SW	5	0	m	29.65	+0.02	42	-6	SSW	2	0	5	0.44	53	41	0.0	bc	bc	bc		
Roche's Point	29.58	50	WSW	3	0	b	29.70	0	45	-2	WSW	3	0	4	0.22	51	44	0.0	bc	bc	bc		
Birr Castle	29.45	51	S	4	0	o	29.68	0	40	+1	S	1	0	3	0.12	51	37	0.0	bc	bc	bc		
Donaghadee	29.46	51	S	5	0	r	29.65	+0.01	42	+3	S	3	0	3	0.12	52	38	0.0	bc	bc	bc		
Liverpool Obsy.	29.72	50	SSE	1	0	o	29.76	+0.02	43	-4	SSE	2	0	1	0.03	53	43	2.2	bc	bc	bc		
Holyhead	29.60	51	S	8	0	r	29.69	+0.01	50	+1	SW	3	0	2	0.22	51	48	0.0	bc	bc	bc		
Pembroke (St. Ann's Hd.)	29.67	52	S	7	0	r	29.75	+0.01	50	-1	SW	4	0	5	0.19	53	50	0.0	bc	bc	bc		
Newquay	29.77	52	S	6	0	o	29.81	0	46	-5	SW	1	0	4	0.09	53	43	0.0	bc	bc	bc		
Scilly (St. Mary's)	29.73	52	S	6	0	omd	29.79	0.00	50	-2	SW	4	0	5	0.12	53	48	0.0	bc	bc	bc		
Jersey (St. Aubin)	30.04	48	SE	3	0	omg	29.91	0	52	+5	SSW	3	0	3	0.32	52	46	1.1	bc	bc	bc		
Portland Bill	29.92	51	SSW	5	0	c	29.83	+0.01	51	+1	WSW	3	0	5	0.08	52	49	0.2	bc	bc	bc		
Dungeness	30.04	46	SSE	4	0	o	29.88	-0.01	50	+4	SW	5	0	4	0.16	50	43	0.0	bc	bc	bc		
Dover	30.07	45	SW	4	0	o	29.92	0	48	+3	SW	5	0	6	0.17	48	42	0.0	bc	bc	bc		
Wick	29.44	49	S	8	0	o	29.53	+0.06	45	+2	SSW	5	0	6	0.01	50	41	0.0	bc	bc	bc		
Nairn	29.40	50	SW	2	0	c	29.54	0	39	+3	-	0	0	6	0.03	52	34	1.3	bc	bc	bc		
Aberdeen	29.60	49	SSE	6	0	r	29.65	+0.05	41	-2	SSW	3	0	4	0.09	49	41	1.4	bc	bc	bc		
Leith	29.60	52	SSE	4	0	r	29.73	+0.03	43	-2	-	0	0	6	0.05	54	40	0.0	bc	bc	bc		
North Shields	29.75	50	S	5	0	o	29.74	+0.02	43	-5	SW	2	0	2	0.01	52	41	0.0	bc	bc	bc		
Spurn Head	29.93	45	SSE	6	0	o	29.75	0.00	47	+1	SSE	6	0	6	0.03	47	48	0.0	bc	bc	bc		
Yarmouth	30.05	44	S	3	0	o	29.89	+0.03	46	+2	E	5	0	3	0.12	47	43	0.0	bc	bc	bc		
Clacton-on-Sea	30.05	44	SSE	3	0	o	29.84	-0.03	46	+2	SSE	4	0	3	0.12	46	43	0.0	bc	bc	bc		
Nottingham	29.88	49	S	5	0	o	29.80	0	44	-4	SSW	1	0	6	0.02	52	44	0.0	bc	bc	bc		
Bath	29.92	52	S	2	0	o	29.82	0	49	-2	-	0	0	6	0.12	52	46	0.0	bc	bc	bc		
Oxford	29.93	48	S	4	0	o	29.83	0	50	+3	SW	1	0	6	0.07	50	47	0.0	bc	bc	bc		
London (New Obsy.)	30.00	47	SSE	3	0	o	29.85	-0.02	50	+4	SSW	3	0	6	0.07	50	45	0.1	bc	bc	bc		
Isafjord	28.43	36	SE	5	0	c	28.23	0	38	+3	SE	7	0	6	0.01	36	28	0.0	bc	bc	bc		
Reykjavik	28.73	35	-	0	0	r	28.04	-0.04	40	+9	NE	3	0	6	0.01	36	28	0.0	bc	bc	bc		
Seydisfjord	29.12	41	-	0	0	r	28.19	0.00	42	+7	NE	2	0	6	0.01	36	28	0.0	bc	bc	bc		
Thorshavn	29.32	45	SSE	4	0	o	29.10	+0.08	45	+2	S	6	0	6	0.01	36	28	0.0	bc	bc	bc		
Haparanda	30.49	30	SW	4	0	o	30.43	-0.02	31	+1	S	4	0	6	0.01	36	28	0.0	bc	bc	bc		
Hernösand	30.50	31	S	4	0	o	30.49	0.00	35	+3	SE	4	0	6	0.01	36	28	0.0	bc	bc	bc		
Stockholm	30.54	36	S	2	0	o	30.54	+0.01	33	-2	SSE	2	0	6	0.01	36	28	0.0	bc	bc	bc		
Wisby	30.54	34	S	2	0	o	30.54	0.00	31	0	SE	2	0	6	0.01	36	28	0.0	bc	bc	bc		
Karlstad	30.46	35	-	0	0	o	30.39	0.00	37	+4	SE	2	0	6	0.01	36	28	0.0	bc	bc	bc		
Færder (X'ania Fjord)	30.36	39	SSE	4	0	o	30.28	-0.01	39	0	SE	5	0	6	0.04	39	37	0.0	bc	bc	bc		
Bodö	30.11	37	E	4	0	b	30.06	-0.07	35	-1	E	6	0	6	0.01	36	28	0.0	bc	bc	bc		
Christiansund	30.01	46	S	3	0	c	29.88	+0.01	46	+1	S	7	0	6	0.01	46	43	0.0	bc	bc	bc		
Skudesnaes	30.10	43	SSE	9	0	o	29.99	-0.04	42	0	SE	9	0	6	0.01	43	41	0.0	bc	bc	bc		
The Scaw (Skagen)	30.36	40	S	4	0	o	30.25	-0.02	40	-2	S	5	0	6	0.04	43	36	0.0	bc	bc	bc		
Blaavands Huk	30.28	38	SSE	4	0	m	30.13	-0.03	38	-4	SSE	5	0	6	0.01	36	28	0.0	bc	bc	bc		
Cuxhaven	30.27	36	SE	3	0	b	30.14	-0.06	35	-3	SSE	4	0	6	0.01	36	28	0.0	bc	bc	bc		
The Helder	30.15	39	SE	1	0	o	30.01	-0.01	39	+1	SE	3	0	6	0.01	36	28	0.0	bc	bc	bc		
Brussels	30.14	42	SSE	1	0	o	30.06	-0.03	40	0	S	2	0	6	0.01	46	36	0.0	bc	bc	bc		
Berlin	30.38	39	SE	3	0	o	30.33	-0.01	36	-2	SE	3	0	6	0.01	36	28	0.0	bc	bc	bc		
Frankfurt	30.26	35	NE	1	0	b	30.19	-0.01	34	-2	SE	1	0	6	0.01	43	32	0.0	bc	bc	bc		
Munich	30.28	31	E	3	0	o	30.26	-0.01	32	+1	SE	4	0	6	0.01	36	28	0.0	bc	bc	bc		
C. Gris Nez	30.10	42	SSE	3	0	o	29.93	-0.03	43	+4	S	5	0	6	0.04	43	41	0.0	bc	bc	bc		
La Hève	30.10	41	SSE	3	0	o	29.96	0	45	+6	SSW	4	0	6	0.20	45	39	0.0	bc	bc	bc		
Brest (St. Mathieu)	29.98	51	SSW	6	0	r	29.93	+0.01	51	-1	WSW	3	0	5	0.32	54	50	0.0	bc	bc	bc		
Lorient (Bec Melau)	30.03	53	SSW	4	0	o	29.97	0	55	-	WSW	4	0	5	0.20	55	50	0.0	bc	bc	bc		
Rochefort (Ile d'Als)	30.17	46	SSE	3	0	m	30.11	0	46	+2	S	3	0	4	0.04	46	43	0.0	bc	bc	bc		
Biarritz	30.20	46	E	2	0	m	30.17	0	44	+2	SE	1	0	4	0.01	46	41	0.0	bc	bc	bc		
Paris	30.17	39	SSW	1	0	o	30.09	-0.03	40	+1	S	2	0	6	0.01	40	37	0.0	bc	bc	bc		
Belfort	30.24	35	ENE	4	0	m	30.26	0	37	-9	-	0	0	6	0.01	42	26	0.0	bc	bc	bc		
Lyons	30.26	38	SW	1	0	o	30.24	0	33	-5	WSW	1	0	6	0.01	41	32	0.0	bc	bc	bc		
Nice	30.22	50	-	0	0	c	30.19	-0.01	47	+4	-	0	0	6	0.01	55	53	0.0	bc	bc	bc		
Perpignan	30.16	47	-	0	0	b	30.18	-0.00	47	+3	SW	1	0	6	0.01	55	53	0.0	bc	bc	bc		
Sanguinaire	30.17	47	-	0	0	b	30.18	0	47	+3	SW	1	0	6	0.01	55							

\* Information for these columns not usually received.

+ Received too late for insertion in Charts.



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



## NOTES ON YESTERDAY'S WEATHER.

Gales or strong gales from the southward were experienced some time during the past twenty-four hours on exposed parts of the Scottish, Irish and Welsh coasts. The maximum temperature readings recorded were a little above 50° at many of our stations, and the minima were high for the time

of year. Rain has fallen very generally in this country and its neighbourhood, but except in Ireland nearly all the measurements are moderate to slight. Very little bright sunshine was recorded; at many stations there was none. According to wireless reports South-westerly and southerly gales were experienced between the Irish coast and Long 22° W and North-westerly and westerly gales between that and the 26th meridian.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SUNDAY TO NOON MONDAY.

0 | a  
b

1

2 | a  
b

3

4 | a  
b

5

— None Issued —

### FORECAST DISTRICTS.



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

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

6 | a  
b

7 | a  
b

8 | a  
b

9 | a  
b

10 | a  
b

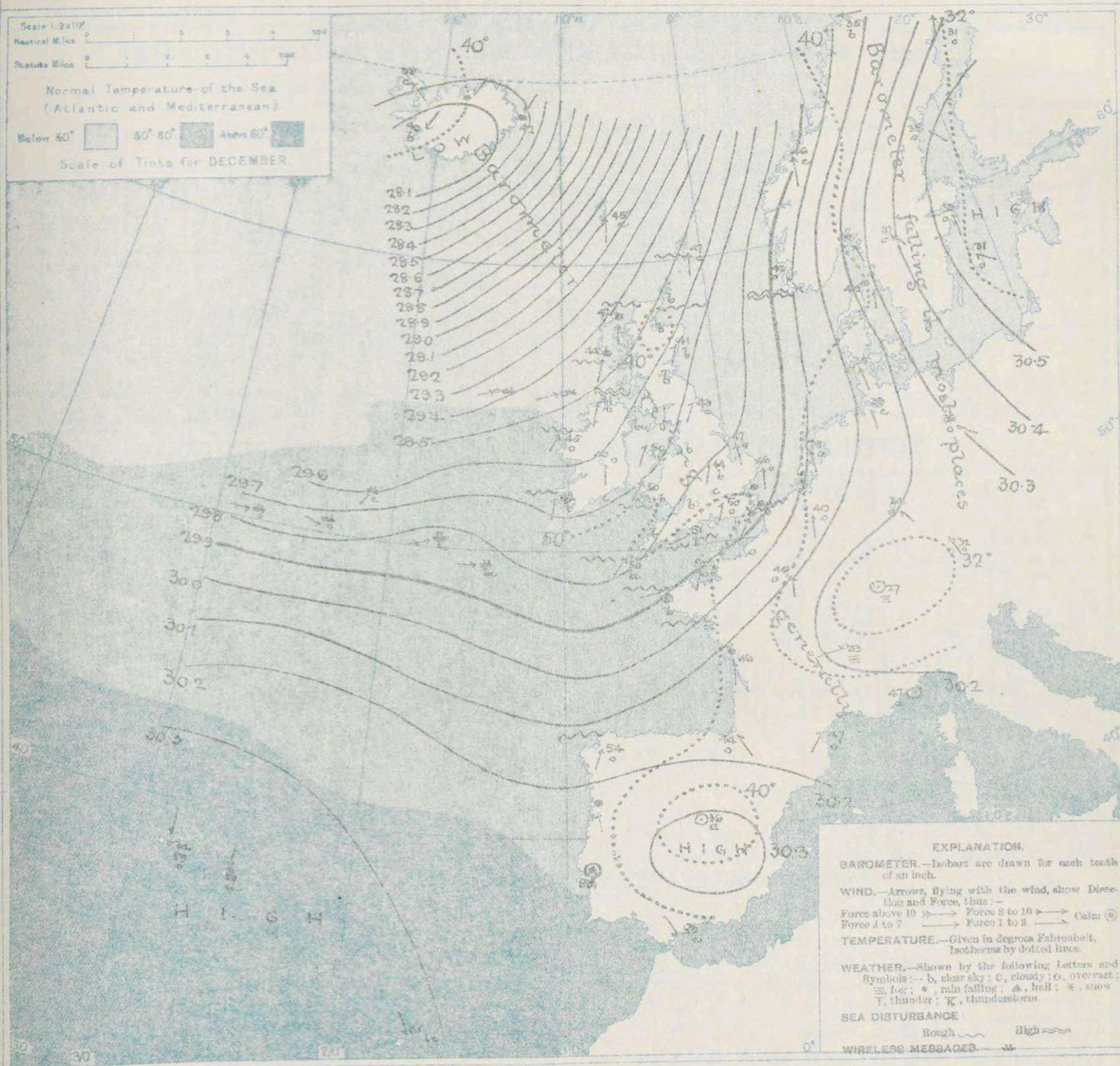
— None Issued —

THE FURTHER OUTLOOK.

11 WESTERN CHANNEL AND BAY.



# SYNOPTIC CHART FOR 7 A.M. SUNDAY 3<sup>rd</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is below 28.1 in. in a large cyclonic system having its centre over the south of Ireland, and the gradient thence to Scotland is very steep. Over the Gulf of Bothnia pressure is above 30.5 in., and in central Spain above 30.3 in. Some small secondary irregularities are shown over the United Kingdom.

The main wind current over these islands and North-Western Europe is westerly. On a few parts of our North-Western, Northern and Eastern coasts it is fresh to strong, and beyond the North Sea strong to a gale. According to wireless reports strong winds and gales

from the Westward prevail along the southern Atlantic route as far west as the 28th meridian. Temperature has changed rather irregularly, but fallen in most regions. Over these islands it ranges from 50° in the South East of England to 34° at Belfort. The lowest reading at the Continental stations is 27° at Belfort. The weather is cloudy or overcast in most parts of our area, with rain or hail in the Hebrides, rain in the extreme South East of England, and at Cape Gris Nez, and also at Belfort and Akerag. In the East and North East of Scotland the sky is clear.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.



## DAILY WEATHER REPORT.

Sunday, 3rd December, 1911.

## 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.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.	Wet Bulb.	Sea.	
3rd December 4 a.m.	50	29	29.72	W	3-9	Lusitania	3rd December 7 a.m.	50	27	29.73	W	3-9	0				
" " " "	49	22	29.51	WNW	4-5	Mayanilla	" " " "	49	21	29.54	WNW	4-7	0				
" " " "	51	20	29.54	W	4-5	Baltic	" " " "	51	21	29.56	SW	4-5	0				
" " " "	50	24	29.64	WSW	6-7	Corinthian	" " " "	50	23	29.66	WSW	6-7	0				
" " " "	55	9	29.18	SW	3-9	Camerone	" " " "	55	10	29.20	WSW	6-7	0				
" " " "	56	16	29.18	WSW	3-9	Colossus	" " " "	55	14	29.25	WSW	6-7	0				
2nd " 4 p.m.	49	15	29.46	WNW	3-9	Marquette	2nd " 6 p.m.	49	24	29.41	WNW	3-9	0				
" " " "	50	27	29.49	W	3-9	Corinthian	" " " "	50	26	29.51	W	3-9	0				
" " " "	50	27	29.75	WNW	6-7	Mount Temple	" " " "	50	26	29.85	WNW	6-7	0				
" " " "	49	21	29.57	WSW	10-11	Vaderland	" " " "	49	20	29.57	WSW	8-9	0				
" " " "	55	18	28.24	W	10-11	Colossus	" " " "	55	18	28.68	W	7-9	0				
" " " "	55	12	28.96	SSW	3-9	Empress of Ireland	" " " "	55	12	28.81	SSW	3-9	0				
" " " "	50	12	29.40	S	3-7	Minnehaha	" " " "	50	14	29.57	SW	6-7	0				
" " " "	51	17	29.21	WSW	3-9	Camerone	" " " "	51	15	29.31	WSW	3-9	0				
" " " "	55	18	28.89	WNW	4-6	Virginia	" " " "	55	18	28.85	WSW	10-11	0				
" " " "	50	32	29.56	NW	8-9	Corinthian	" " " 7 a.m.	50	31	29.25	WNW	3-9	0				
" " " "	48	29	29.08	W	10-11	Marquette	" " " "	48	28	29.20	WNW	10-11	0				
" " " "	51	15	29.54	S	6-7	Baltic	" " " "	51	16	29.21	S	3-9	0				
" " " "	54	21	28.89	SSE	9-9	Colossus	" " " "	54	19	28.45	SE	3-9	0				
" " " "	49	23	29.08	SSW	10-11	Vaderland	" " " "	49	22	29.40	SW	3-9	0				
" " " "	55	18	28.09	SSE	6-7	Virginia	" " " "	55	19	28.74	SSE	3-9	0				
" " " "	51	21	29.04	SE	2-9	Colossus	" " " "	51	19	28.72	S	3-9	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	40	-	Hrs.	In.	Brighton, to 6 p.m.				Hrs.	In.
Dublin (City), to 4 p.m.	55	40	c. b. o. r.	4	0.08	Seaford, to 6 p.m.	47	45	0	0.0	-
Blackpool, to 9 p.m.	52	45	or. o.	0.1	0.23	Eastbourne, to 6 p.m.			*		-
Southport, to 9 p.m.	53	47	or. b. c. r.	0.8	0.13	Bexhill-on-Sea, to 9 p.m.	47	45	-	0.0	-
Rhyl, to 6 p.m.	53	45	b. c. b. c.	0.1	0.07	Hastings			*		-
Colwyn Bay, to 6 p.m.	54	48	b. c. o.	0.0	0.24	Folkestone, to 6 p.m.	46	43	0	0.0	-
Llandudno, to 9 p.m.	53	48	op. or. op.	0.0	0.20	Deal, to 6 p.m.	46	43	egm. o.	0.0	-
Bettws y-Coed, to 6 p.m.						Ramsgate, to 6 p.m.			*		-
Aberystwyth, to 6 p.m.						Margate, to 6 p.m.					-
Plymouth, to 9 p.m.	53	51	o. b. o. r.	0.3	0.31	Felixstowe, to 6 p.m.			*		-
Paignton, to 6 p.m.	54	51	c. o. r.	0.1	0.10	Lowestoft, to 6 p.m.					-
Torquay, to 6 p.m.			*			Skegness, to 6 p.m.			0	0.0	-
Teignmouth, to 9 p.m.	55	51	c. r.	0.0	0.19	Scarborough, to 9 p.m.	48	42	0	0.0	0.01
Weymouth, to 6 p.m.						Harrogate, to 6 p.m.	50	42	b. c. o.	0.0	-
Bournemouth, to 6 p.m.	50	44	0	0.0	-	Buxton, to 6 p.m.					-
Southsea, to 6 p.m.			*			Darwen, to 9 p.m.	49	45	oun. ou.	0.0	0.09
Worthing, to 6 p.m.	49	46	0	0.0	?	Manchester, to 9 p.m.	53	48	o. c. o.	0.0	-
Cardenastie, to 6 p.m.	49	37	b. o.	0.0	0.01	Birmingham, to 9 p.m.	50	46	o. r.	0.1	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.				3rd December, 1911.		Sunrise	Noon	Sunset
	24 HOURS ENDED AT 9 A.M. TO-DAY.							G.M.T.				
Greenwich (Royal Obs.) ...	% 92	% 97	51	42	o. r	0.08	Hrs. 0.0	Yarmouth ... {	G.M.T. 7.45	G.M.T. 11.43	G.M.T. 3.41	
City (Rushell Row) ...	%	%	51	42	"	"	0.0		G.M.T. 7.46	G.M.T. 11.43	G.M.T. 3.40	
Westminster (St. James's Pk.)	91	93	52	46	om. e. or. b. c.	0.07	0.1	Greenwich ... {	7.48	11.50	3.52	
Camden Sq. (Brit. Rainfall)	91	94	52	46	o. c. or	0.11	0.0		7.49	11.50	3.52	
Hampstead (Reservoir) ...	%	100	50	47	oc. of. o	0.14	0.0	Wick ... {	8.41	12.2	3.23	
									8.43	12.2	3.22	
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Valencia... {	8.31	12.31	4.31	
South Kensington ...	%	%	48	46	} o. c. or. o. or. o.	} Trace	} 0.2		8.32	12.31	4.30	
" (Roof of M.O.)	92	93	48	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.	62	50	o. b.	Rome	In.	58	39	b. b.
Marseilles	-	61	39	b. b.	Vienna	-	45	32	r. o.
Malta	0.47	65	58	- b.	Utrecht	-	45	32	o. m.
Algiers	-				Zürich	-	*	*	o. c.
Tunis	-	66	46	b. b.	Geneva	-	*	*	o. o.
Palermo	-	62	52	o. o.	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; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. fog; v. threatening sky; w. visibility; x. unusual transparency; y. dew; z. hoar frost; z. dust-haze, or smoke.

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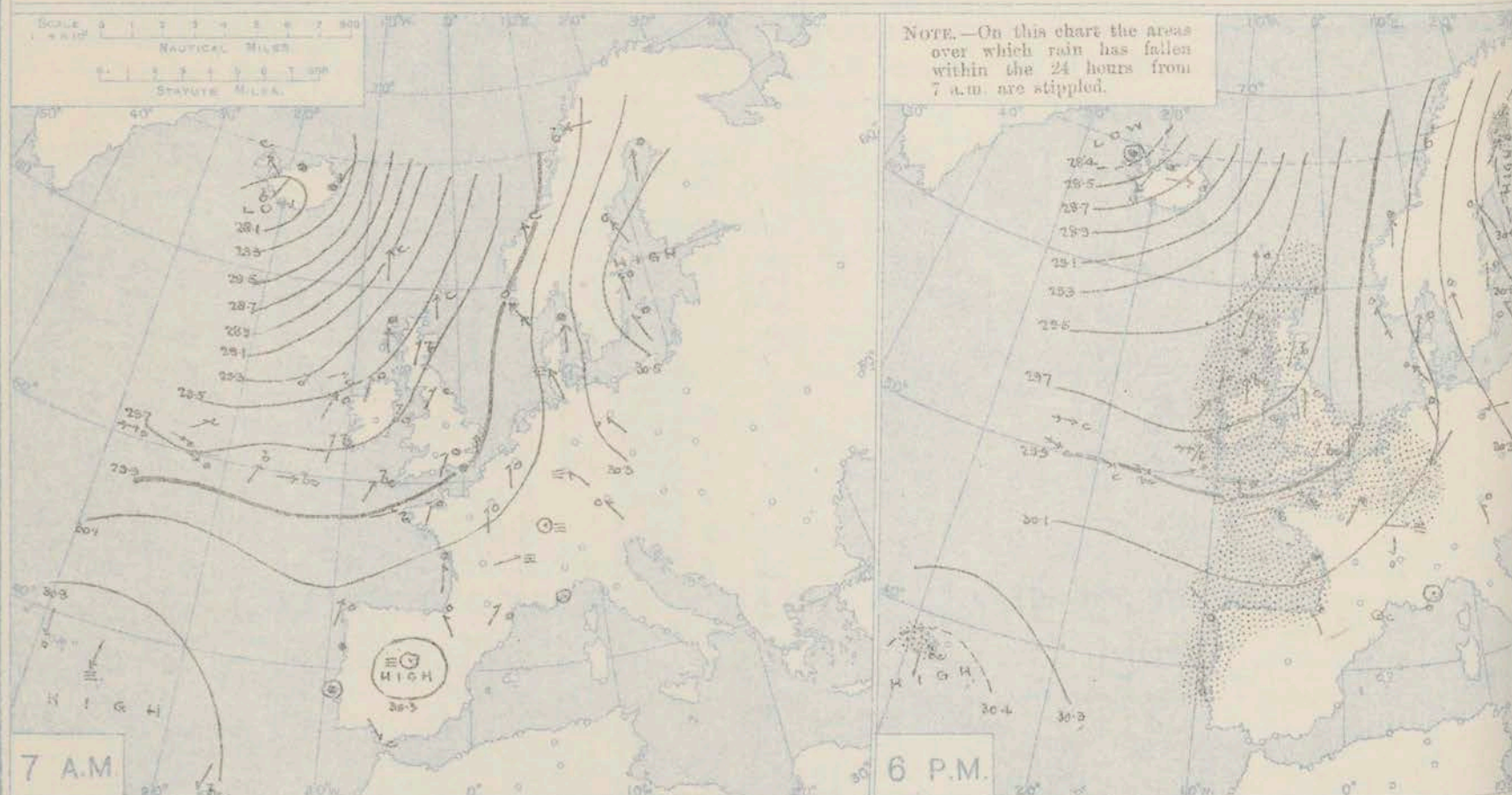


Tuesday,  
4th December, 1911.

† Received too late for insertion in Charts



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



## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature exceeded 50° in many parts of the British Isles, and touched 55° at Brighton. Rain fell in all districts, but no large amounts were measured. In several localities there was no bright

sunshine, in others the records ranged upwards to 5 hours at Bessingham. Wick has felt a S.W. gale. As far west as the 30th meridian ships experienced S.W. to W. winds, fresh or strong to a gale, with very variable, fine to rainy, weather.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON MONDAY

TO NOON TUESDAY

- 0 { a }  
b }
- 1 Wind between S. and W.,
- 2 { a } fresh at times; fair to dull,  
b }
- 3 some rain and mist;
- 4 { a } moderate temperature.  
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. North Cone.

South Cone. North Cone.

No Warning issued

- 6 { a } S. and S.W. winds, fresh or  
b } strong at times; fair to dull, some rain, coast mist or fog; moderate temperature.
- 7 { a }  
b }
- 8 { a } W. to S.W. winds, fresh or strong;  
b } squally, changeable, some rain, mist or fog; moderate temperature.
- 9 { a }  
b }
- 10 { a } Same as Nos. 6 & 7.  
b }

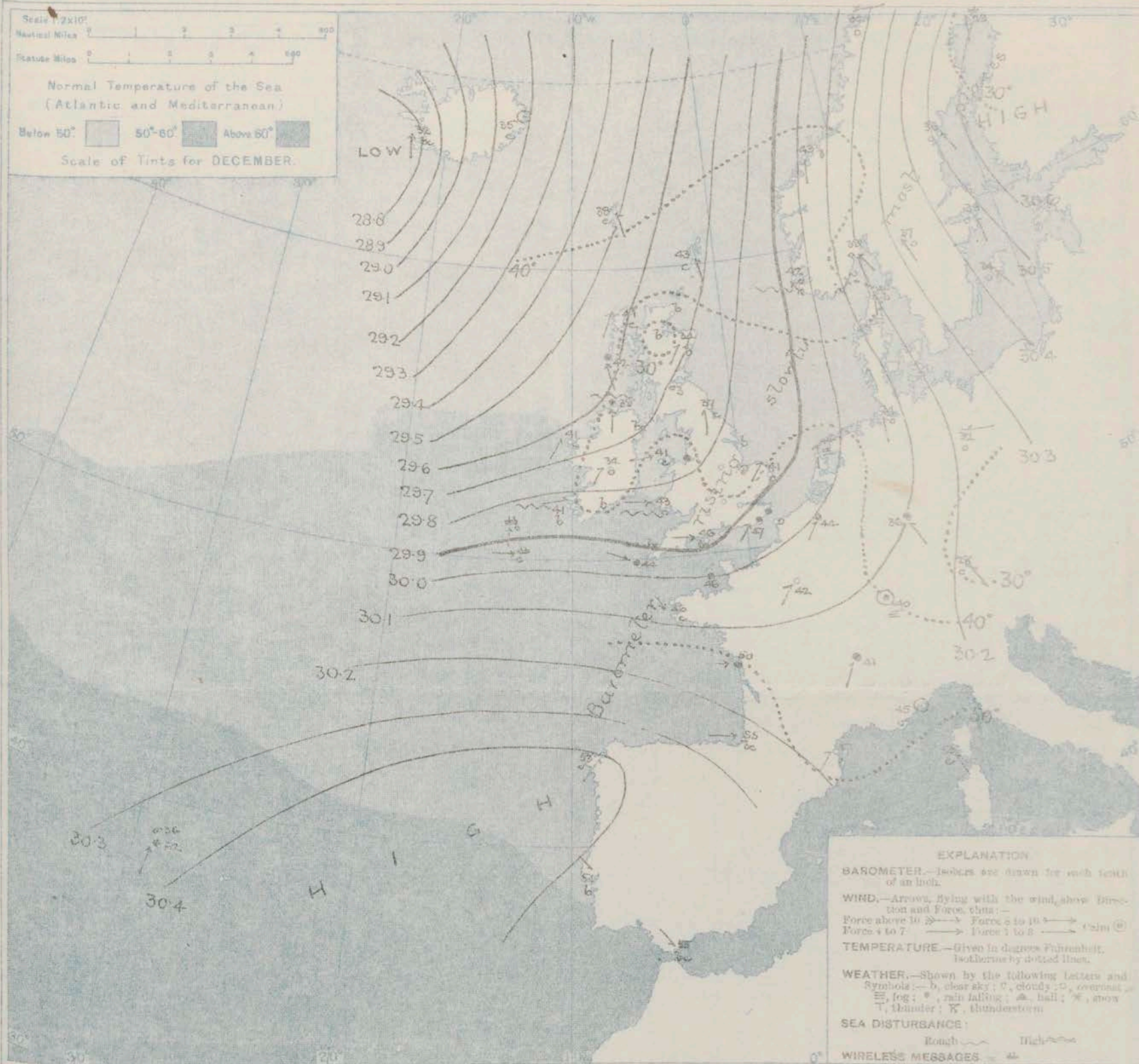
### THE FURTHER OUTLOOK.

### 11 WESTERN CHANNEL AND BAY.

S.W. to S.W. winds, fresh to high at times; sea moderate to rough; squally, changeable, some rain, mist or fog; moderate temperature.



# SYNOPTIC CHART FOR 7 A.M. MONDAY, 4<sup>TH</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure remains highest over the Continental countries, about 30.6 in. in the Finland region, and about 30.4 in. over Spain. In a depression to the southwestward of Iceland pressure is below 28.8 in. The gradient is considerable over a great part of our area.

In Scandinavia and Germany the winds are between E. and S., and over the rest of our area between S. and W. Moderate to very light breezes prevail nearly everywhere, but a high wind is reported at Sully and Skagen.

Temperature has decreased in most regions. At the home stations the values range from 28° at Obairn to 47° at Dungeness; on the Continent from 28° at Munich to 55° at Biarritz; in Scandinavia from 29° at Haparanda to 43° at Christiansund; and in Iceland from 32° to 35°. Throughout our area the weather is very variable, the sky cloudless to overcast, and the atmosphere mostly to foggy in places. Rain is falling locally on our northwestern coasts, on the English Channel and at Brussels and Rochefort, snow in Lapland. The sea is rough or rather rough at a few places on western coasts, but generally it is moderate to very smooth.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS

A wireless report shows that beyond the west of Ireland the wind has backed from W. to S., so it

is probable that another depression is approaching and the unsettled type of conditions will, therefore, be maintained.



# DAILY WEATHER REPORT.

Monday, 4th December 1911.

## 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 (by eye).
	Lat. N.	Long. W.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.	Wet Bulb.	Surf.	
4th Dec. 4 a.m.	51	13	29.67	W	6-7	Carnarvon	4th Dec. 7 a.m.	51	14	29.66	W	6-7	0	-	-	-	-
do. 5 a.m.	50	17	29.88	W	4-5	Galatia	do. 7 a.m.	50	12	29.93	W	6-7	0	-	-	-	-
do. 6 a.m.	51	13	29.85	W	6-7	Galatia	do. 7 a.m.	51	13	29.83	S	6-7	0	-	-	-	-
3rd Dec. 3 p.m.	44	19	29.62	W	8-9	Warrington	3rd Dec. 4 p.m.	44	18	29.68	W	8-9	0	-	-	-	-
do. 4 p.m.	53	23	29.74	W	8-9	Warrington	do. 4 p.m.	50	21	29.76	W	8-9	0	-	-	-	-
do. 5 p.m.	52	20	29.76	W	6-7	Warrington	do. 5 p.m.	50	19	29.79	W	6-7	0	-	-	-	-
do. 6 p.m.	55	17	29.47	SW	4-5	Warrington	do. 6 p.m.	55	17	29.47	SW	4-5	0	-	-	-	-
do. 7 p.m.	50	10	29.75	W	6-7	Warrington	do. 7 p.m.	51	14	29.77	W	6-7	0	-	-	-	-
do. 8 p.m.	49	6	29.80	W	4-5	Warrington	do. 8 p.m.	49	7	29.79	W	4-5	0	-	-	-	-
do. 9 p.m.	47	13	29.84	W	6-7	Warrington	do. 9 p.m.	47	12	29.70	W	6-7	0	-	-	-	-
do. 10 p.m.	50	23	29.79	W	8-9	Warrington	do. 10 p.m.	51	21	29.80	W	8-9	0	-	-	-	-
do. 11 p.m.	50	14	29.76	W	6-7	Warrington	do. 11 p.m.	50	10	29.79	W	6-7	0	-	-	-	-
do. 12 a.m.	49	14	29.85	W	6-7	Warrington	do. 12 a.m.	49	13	29.84	W	6-7	0	-	-	-	-
do. 1 a.m.	50	20	30.01	W	6-7	Warrington	do. 1 a.m.	50	13	30.05	W	6-7	0	-	-	-	-
do. 2 a.m.	49	10	29.77	W	6-7	Warrington	do. 2 a.m.	49	15	29.84	W	6-7	0	-	-	-	-
do. 3 a.m.	50	16	29.81	SW	8-9	Warrington	do. 3 a.m.	50	16	29.86	SW	8-9	0	-	-	-	-
do. 4 a.m.	50	16	29.90	SW	6-7	Warrington	do. 4 a.m.	50	17	29.87	SW	6-7	0	-	-	-	-
do. 5 a.m.	55	14	29.41	W	6-7	Warrington	do. 5 a.m.	55	13	29.47	W	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.			
Oberlin, to 6 p.m.	52	41		Hrs.	In.	Brighton, to 6 p.m.	52	47	*	Hrs.	In.
Dublin (City), to 4 p.m.	47	43	cl. b.c.	2.6	0.02	Seaford, to 6 p.m.	51	47	*	1.8	0.36
Blackpool, to 9 p.m.	48	39	r.c.r	1.1	0.12	Eastbourne, to 6 p.m.	51	47	*	0.1	0.35
Southport, to 9 p.m.	48	40	o.b.r.b.c.	2.4	0.06	Bexhill-on-Sea, to 9 p.m.	50	45	d. dm	0.3	0.31
Rhyl, to 6 p.m.	54	44	o.r.b.c.	3.9	0.05	Hastings	*	*	*	0.1	*
Colwyn Bay, to 6 p.m.	52	45	b.c.	4.5	0.10	Folkestone, to 6 p.m.	49	44	o.r.b.	0.0	1.11
Llandudno, to 9 p.m.	53	43	o.r.b.c.	4.3	0.13	Deal, to 6 p.m.	50	45	o.r.b.	0.0	0.13
Aberystwyth, to 6 p.m.	50	44	*	4.0	0.04	Ramsgate, to 6 p.m.	*	*	*	0.0	0.07
Plymouth, to 9 p.m.	55	44	o.r.b.c.	3.1	0.40	Margate, to 6 p.m.	50	47	*	0.0	0.10
Paignton, to 6 p.m.	55	44	o.r.b.c.	3.1	0.40	Felixstowe, to 6 p.m.	*	*	*	0.0	0.10
Torquay, to 6 p.m.	54	45	*	3.5	0.41	Lowestoft, to 6 p.m.	*	*	*	0.0	0.10
Teignmouth, to 9 p.m.	55	45	r. b.c.	2.6	0.16	Skegness, to 6 p.m.	50	44	r. b.c.	0.6	0.04
Weymouth, to 6 p.m.	54	43	b.	2.7	0.24	Scarborough, to 9 p.m.	52	45	*	5.5	0.40
Bournemouth, to 6 p.m.	54	43	o. b.c.	3.8	0.21	Harrogate, to 6 p.m.	48	41	b.c.r.c.b.c.	0.7	0.40
Southsea, to 6 p.m.	50	47	*	2.1	0.17	Buxton, to 6 p.m.	*	*	*	*	*
Worthing, to 6 p.m.	52	46	c.b.c.	1.9	0.29	Darwen, to 9 p.m.	*	*	*	*	*
						Manchester, to 9 p.m.	*	*	*	*	*
						Birmingham, to 9 p.m.	49	41	r.b.c.	3.9	0.00

## 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 P.M. To-day.	Max.	Min.				4th Dec. 1911.	Sunrise	Noon	Sunset
24 HOURS ENDED AT 9 A.M. TO-DAY.											
%	%				In.	Hrs.		G.M.T.	G.M.T.	G.M.T.	
Greenwich (Royal Obey.) ...	82	95	54	37	b. bc. r. bc	0.08	1.6	Yarmouth ...	7.46	11.43	3.40
City (Banhill Row) ...	*	*	*	*	*	*	0.6		7.47	11.44	3.40
Westminster (St. James's Pk.)	79	94	54	41	r. m. r	0.07	1.7	Greenwich ...	7.49	11.50	3.52
Camden Sq. (Brit. Rainfall)	-	96	54	39	bc. c. or	0.06	1.2		7.50	11.51	3.52
Hampstead (Reservoir) ...	*	94	52	40	or. bc. c. or	0.09	1.5	Wick ...	8.43	12.2	3.21
									8.45	12.3	3.21
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Valencia...	8.32	12.31	4.34
South Kensington ...	*	*	54	46	{ 0. or. od. c. bc }	0.07	1.5		8.33	12.32	4.30
" " (Roof of M.O.)	-	90	54	48				*	*		

## 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 ...	10.	*	*		Rome ...	In	*	*	
Marseilles ...					Vienna ...				
Malta ...					Utrecht ...				
Algiers ...					Zürich ...	*	*		
Tunis ...					Geneva ...	*	*		
Palermo ...					Lugano ...	*	*		

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

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Dec. 1911.

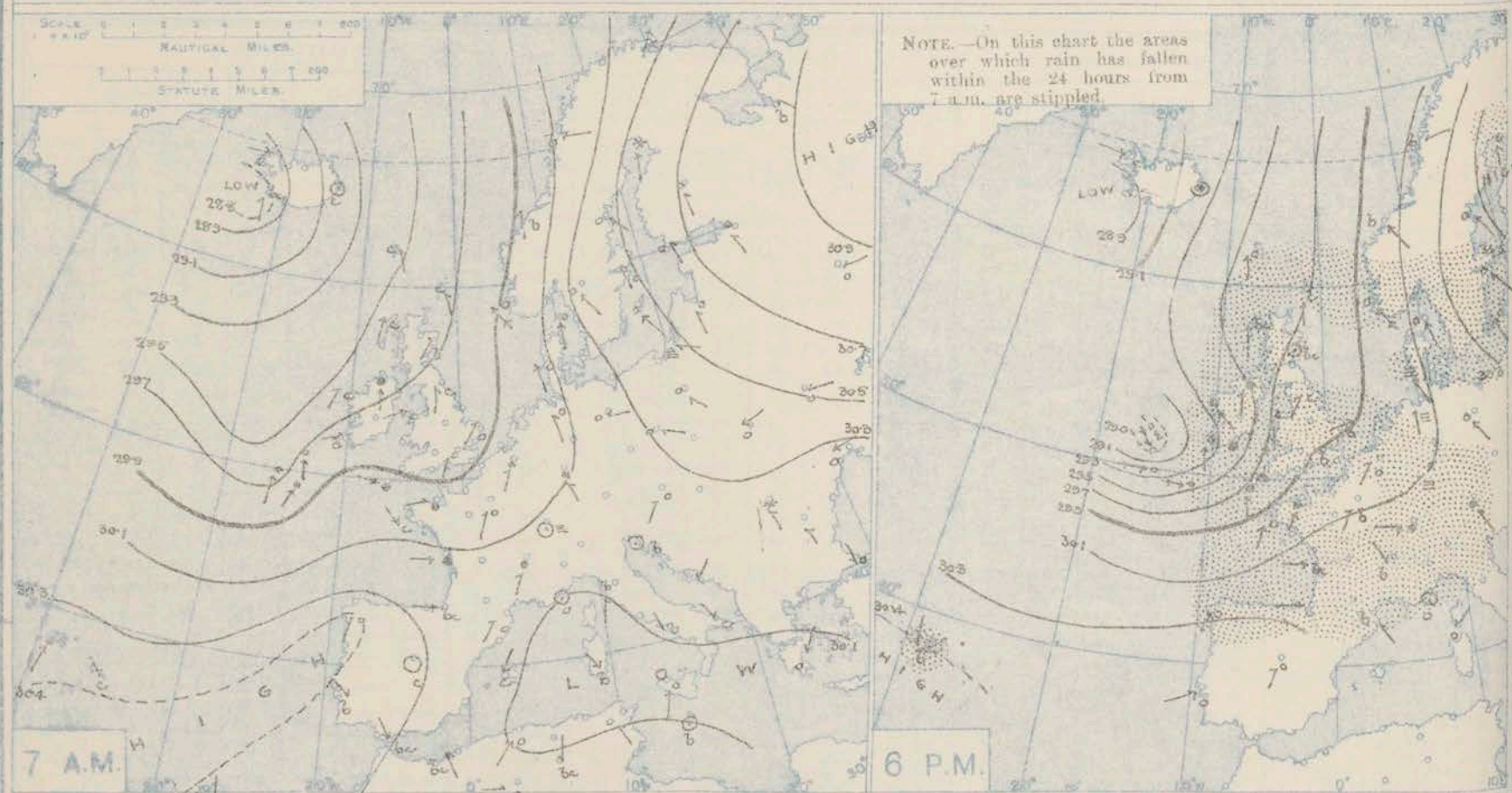
## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,  
5th December, 1911.

STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						
	PAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain-fall.	TEMP.		WEATHER.						
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Weather.			Max.	Min.	Sun-shine.	Morn'g. 7 a.m. to 1 p.m.	Aftern'g. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.			
BRITISH ISLANDS.	Lerwick	29.63	45	S	4	C	29.57	-0.06	44	+1	SE	4	C	4	0.08	46	40	1.5	bc	bc	bc		
	Stornoway	29.61	40	S	4	bc	29.17	-1.1	43	+2	S	6	bc	5	0.03	43	36	1.5	bc	bc	bc		
	Castlebay (Barra Isd.)	29.55	43	ESE	5	C	28.95	-0.08	48	+6	ESE	8	ogp	7	0.07	48	40	2.8	ogp	bc	co. pg		
	Malin Head	29.47	36	S	4	ogp	28.76	0.0	42	+4	SSE	8	ogpm	6	0.04	45	34	1.5	bc	ogp	ogpm		
	Blacksod Point	29.34	41	SE	7	r	29.13	+2.1	44	+3	WSW	9	r	6	0.58	48	38	1.5	om	om	ogpm		
	Valencia	29.21	50	S	6	om	29.46	+1.4	46	+5	W	8	bc	6	0.76	51	41	0.0	ogpm	om	om		
	Roche's Point	29.44	48	SSW	9	r	29.45	*	41	+2	NW	3	bc	5	0.32	49	38	1.5	co	o. r	r. bc		
	Birr Castle	29.43	43	SSE	5	r	29.20	*	43	+9	W	7	r	4	0.26	48	30	1.8	o	or	ogp		
	Donaghadee	29.67	38	WSW	2	b	29.11	-0.4	46	+11	SSW	6	o	4	0.36	48	33	1.5	bc	bc	ogpm		
	Liverpool Obsy.	29.82	37	SSE	2	b	29.43	-0.1	41	+3	SSE	3	bc	2	0.06	44	36	4.3	bc	b	bc		
	Holyhead	29.72	43	S	4	C	29.34	-0.1	47	+6	WSW	7	C	6	0.14	48	40	1.5	bc	ogpm	ogp		
	Pembroke (St. Ann's Hd.)	29.71	47	S	6	r	29.46	+0.2	48	+5	WSW	6	bc	7	0.58	51	42	3.5	ogp	cq	cq		
	Newquay	29.79	47	SE	5	or	29.57	*	46	+2	W	4	bc	5	0.27	50	43	4.6	bc	b. bc	or. bc		
	Scilly (St. Mary's)	29.72	50	S	6	ogpm	29.58	+0.4	47	+3	WNW	6	ogpm	6	0.24	51	43	2.2	ogpm	ogpm	ogpm		
	Jersey (St. Aubin)	30.02	47	SW	4	ogp	29.63	*	47	+1	WSW	2	ogpm	2	0.60	51	43	5.4	p. o. bc	bc	ogpm		
	Portland Bill	29.93	48	SW	4	C	29.54	+0.4	50	+4	WSW	4	C	6	0.26	51	45	6.4	bc	bc	co. r		
	Dungeness	29.95	43	W	3	bc	29.65	-0.8	49	+2	SE	5	om	5	0.20	50	40	4.0	bc	bc	bc		
	Dover	29.99	40	WSW	1	b	29.70	*	46	+2	SSW	6	o	6	0.16	48	37	3.7	r. o. bc	bc	bc		
	Wick	29.67	41	SSW	3	bc	29.33	-0.9	44	+10	SSE	8	m	6	0.44	44	31	3.5	bc	bc	bc		
	Nairn	29.68	32	-	0	b	29.26	*	42	+14	E	2	C	2	0.06	44	31	1.8	b. bc	bc	bc		
	Aberdeen	29.74	34	-	0	C	29.39	-1.0	44	+10	SE	7	ogp	4	0.06	44	31	1.8	b. bc	bc	bc		
	Leith	29.73	37	S	1	b	29.32	-0.9	41	+4	SE	6	C	3	0.19	43	33	0.0	of	bc	bc		
	North Shields	29.79	39	SW	2	C	29.42	-0.6	43	+6	SSE	4	ogp	3	0.15	44	37	0.0	bc	bc	bc		
	Spurn Head	29.87	39	SSW	2	b	29.52	-0.3	44	+6	S	8	ogp	6	0.15	44	37	0.0	bc	bc	bc		
Yarmouth	29.90	40	WSW	2	b	29.70	-1.0	45	+4	SSE	5	ogp	5	0.05	46	37	0.0	or	bc	bc			
Clacton-on-Sea	29.95	45	WSW	2	bc	29.67	-1.0	45	+5	SSE	6	C	5	0.07	46	39	1.4	bc	bc	bc			
Nottingham	29.87	36	SW	1	b	29.52	*	46	+10	S	4	r	4	0.09	46	33	3.7	bc	bc	bc			
Bath	29.92	42	-	0	b	29.55	*	43	0	-	0	o	4	0.38	50	39	5.7	bc	bc	bc			
Oxford	29.90	37	SSE	2	bc	29.55	*	44	+5	SSW	2	o	4	0.22	48	37	4.5	ogp	bc	bc			
London (Kew Obsy.)	29.96	39	SW	2	bm	29.58	-0.6	47	+6	S	4	or	4	0.13	48	36	4.5	om	bc	bc			
ICELAND & FAEROE.	Isafjord	28.95	35	W	5	C	28.99	*	39	+4	SW	7	b	4	0.04	30	25	0.0	bc	bc	bc		
	Reykjavik	28.85	31	E	1	o	29.01	+0.8	35	+3	E	1	b	4	0.04	30	25	0.0	bc	bc	bc		
	Seydisfjord	29.21	37	-	0	r	29.29	+0.4	39	+4	-	0	r	4	0.04	30	25	0.0	bc	bc	bc		
	Thorshavn	29.53	41	S	4	o	29.44	-0.5	42	+4	SSE	4	r	4	0.04	30	25	0.0	bc	bc	bc		
SCANDINAVIA.	Haparanda	30.61	27	S	4	o	30.64	0.0	27	-2	W	4	S	4	0.04	30	25	0.0	bc	bc	bc		
	Hernösand	30.48	36	SE	4	o	30.52	0.0	33	-3	SE	4	o	4	0.04	30	25	0.0	bc	bc	bc		
	Stockholm	30.49	34	SE	4	o	30.45	-0.2	32	-7	ESE	4	o	4	0.04	30	25	0.0	bc	bc	bc		
	Wisby	30.45	33	SSE	4	o	30.39	-0.1	31	-3	SSE	2	o	4	0.12	30	25	0.0	bc	bc	bc		
	Karlstad	30.34	35	SE	2	r	30.32	0.0	34	-3	SE	2	r	4	0.04	30	25	0.0	bc	bc	bc		
	Färder (X'ania Fjord)	30.25	37	SE	5	o	30.22	0.0	37	-1	ESE	5	o	3	0.04	30	25	0.0	bc	bc	bc		
	Bodö	30.15	38	E	1	b	30.22	+0.3	37	+3	E	1	b	1	0.04	30	25	0.0	bc	bc	bc		
	Christiansund	29.95	43	SE	4	b	29.98	-0.1	42	-1	ESE	3	bc	3	0.12	43	39	0.0	bc	bc	bc		
	Skudesnaes	29.97	42	SE	3	o	29.90	-0.3	43	+1	SE	8	o	5	0.12	43	39	0.0	bc	bc	bc		
	The Scau (Skagen)	30.13	39	SSE	6	o	30.13	-0.1	39	-1	SSE	8	r	3	0.12	43	39	0.0	bc	bc	bc		
	Blaavands Huk	30.04	38	SSE	4	m	30.00	+0.1	38	+3	SSE	4	m	3	0.16	36	32	0.0	bc	bc	bc		
GERMANY, &c.	Cuxhaven	30.04	36	S	2	m	30.02	-0.1	38	+4	S	2	m	4	0.08	45	34	0.0	bc	bc	bc		
	The Helder	29.95	43	S	3	r	29.89	-0.4	35	-9	SE	3	f	2	0.08	45	34	0.0	bc	bc	bc		
	Brussels	30.03	43	SW	1	o	29.91	-0.6	38	-6	SSE	4	C	4	0.08	45	34	0.0	bc	bc	bc		
	Berlin	30.18	35	SE	4	o	30.19	-0.1	32	0	S	3	o	4	0.12	39	26	0.0	bc	bc	bc		
	Frankfurt	30.10	39	SW	1	f	30.07	-0.1	39	+3	SE	1	f	4	0.12	39	26	0.0	bc	bc	bc		
	Munich	30.18	34	SE	2	r	30.15	+0.2	37	+9	SW	2	o	4	0.12	37	28	0.0	bc	bc	bc		
FRANCE.	C. Gris Nez	29.98	46	WSW	4	C	29.74	-1.0	43	-3	SSE	5	o	4	0.28	48	41	0.0	bc	bc	bc		
	La Hève	30.06	42	SW	4	bc	29.70	*	41	-2	SSW	4	r	3	0.24	46	39	0.0	bc	bc	bc		
	Brest (St. Mathieu)	30.01	50	SSW	4	o	29.70	+0.4	49	+3	WNW	5	b	5	0.24	52	46	0.0	bc	bc	bc		
	Lorient (Bee Melen)	30.00	51	SSW	4	o	29.74	*	50	+3	WNW	4	o	5	0.28	54	46	0.0	bc	bc	bc		
	Rochefort (Ile d' Aix)	30.16	50	W	3	bc	29.85	*	52	+2	SSW	4	r	4	0.16	54	48	0.0	bc	bc	bc		
	Biarritz	30.26	55	W	3	o	30.02	*	52	-3	SSE	3	o	4	0.04	55	48	0.0	bc	bc	bc		
	Paris	30.09	42	SW	2	b	29.91	-0.6	42	0	S	4	o	4	0.16	43	35	0.0	bc	bc	bc		
	Belfort	30.14	41	W	4	r	30.13	*	34	-6	-	0	f	4	0.16	43	32	0.0	bc	bc	bc		
	Lyons	30.21	43	-	0	b	30.13	*	33	-8	-	0	o	2	0.12	52	45	0.0	bc	bc	bc		
	Nice	30.16	47	-	0	o	30.12	0.0	44	-1	-	0	o	2	0.04	59	41	0.0	bc</				



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



## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 50° or 51° at some of our southern stations, but in many localities it remained below 45°, and at Darwin it was only 40°. Rain has fallen generally,  $\frac{1}{2}$  inch at Valence. The duration of bright sunshine was very variable, some stations had none, while between Bournemouth and Portsmouth the records

were about 6½ hours. As far west as the 17th meridian ships experienced S.W. to W. and N.W. winds, strong to a storm in force, with dull weather and some rain. During last night a gale to a strong gale from between S.E. and S.W. was felt on many parts of our own coasts.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

- 0 { a } Wind mainly S.W. to E., strong to a gale; squally, rainy to fair, misty in places; some decrease of temperature.
- 1 { b }
- 2 { a } Wind mainly between S. and
- 3 { b } W., strong to a gale in many
- 4 { a } places; squally, rainy to fair,
- 5 { b } misty in places; temperature moderate to 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 }
- 7 { b }
- 8 { a } Same as Nos. 2 to 5.
- 9 { b }
- 10 { a }
- 11 { b }

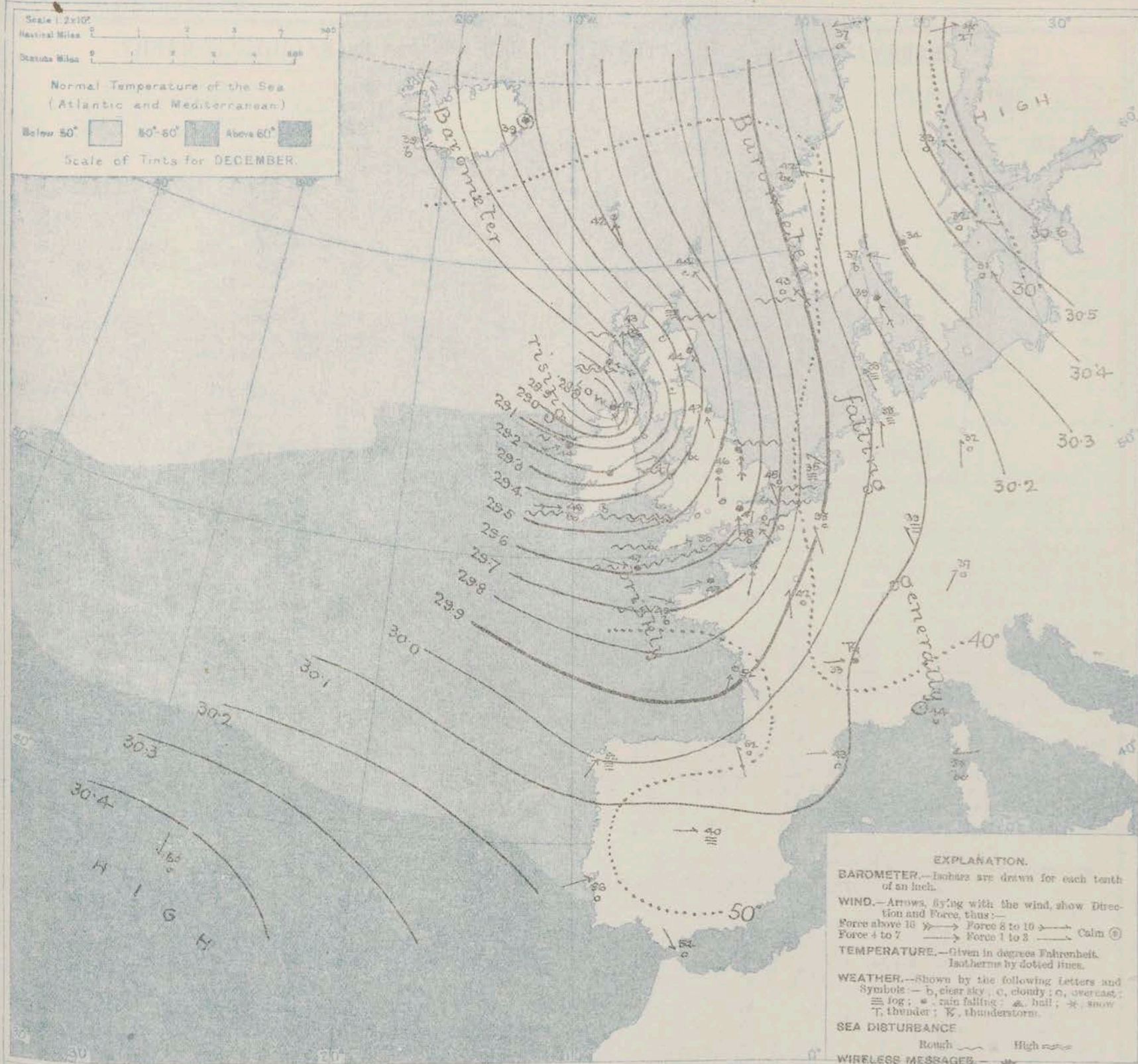
### 11 WESTERN CHANNEL AND BAY.

W. to S.W. and S.W. winds, fresh to a gale; rough sea; squally, some rain and mist; fair intervals; moderate temperature.

### THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. TUESDAY, 5<sup>TH</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

An area of very high pressure covers the eastern half of Europe, the barometris being at about 30½ in. in northern Russia. In another high pressure system centred near the Azores pressure is about 30½ in. In the course of the past night a deep cyclonic system has approached our western coasts, and its centre, with the barometris at 28½ in. is now over Donegal. Over the greater part of our area the gradient is considerable.

In Scotland, Scandinavia and Iceland the wind is between South and East, and over the rest of our area between South and West. The force is very variable, but in many localities it is strong to a gale, a strong gale on the

coast of Mayo. Mildness rules over the greater portion of the region under observation under observation. At the home stations temperature ranges from 41° at Liverpool, Roches Point and Louth to 50° at Portland Bill; on the Continent from 32° at Berlin to 52° at Biarritz and Rochefort; in Scandinavia from 27° at Haparanda to 43° at Stockholm, and in Iceland from 35° to 39°.

Dull, unsettled weather prevails at home and abroad, rain falling in many places, snow at Haparanda. The atmosphere is foggy at Madrid, Frankfurt and the Helder. A high sea is running off Pembroke and the southern Hebrides, and it is rough or rather rough on many other coasts.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

From the barometris change in progress it seems probable that the very deep depression off the north of

Ireland will move slowly on an irregular path, and the conditions over the British Isles will remain unsettled & stormy



## DAILY WEATHER REPORT.

Tuesday, 5th December 1911.

## 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. and
	Lat. N.	Long. W.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.	Dry Bulb.	W. Bulb.	
	"	"	in.					"	"	in.				"	"	"	
4th Dec. 3pm	49	12	29.34	SSW	8-9	Marquette	4th Dec. 6pm	49	11	29.34	W	8-9	τ	-	-	-	-
do. 3pm	51	16	28.70	WNW	10-11	Coronada	do. 6pm	51	16	29.00	NW	10-11	0	-	-	-	-
do. 3pm	50	13	29.15	WSW	8-9	Sealand	do. 6pm	50	16	29.26	W	8-9	0	-	-	-	-
do. 10am.	50	15	29.34	SSW	8-9	Corinthian	do. 1pm	50	14	29.24	SSW	8-9	0	-	-	-	-
do. 10am	50	13	29.34	WNW	6-7	Manitow	do. 1pm	50	14	29.44	SSW	6-7	τ	-	-	-	-
do. 4am.	50	12	29.98	WNW	6-7	do.	do. 7am	50	12	29.89	WNW	6-7	0	-	-	-	-
do. 4am.	50	17	29.83	SW	4-5	Corinthian	do. 7am	50	16	29.63	SSW	6-7	τ	-	-	-	-
do. 4am.	50	13	29.88	SSS	8-9	Manitow	do. 7am	50	14	29.81	SSW	6-7	0	-	-	-	-
do. 4am.	49	15	29.73	SW	1-3	Marquette	do. 7am	49	14	29.68	SW	4-5	τ	-	-	-	-

## 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. b. c. b.	0.3	0.07	Brighton, to 6 p.m.	48	40	*	4.9	0.26
Dublin (City), to 4 p.m.	41	35	r. b. c. o.	*	0.02	Seaford, to 6 p.m.	50	40	o. c. b.	4.1	0.37
Blackpool, to 9 p.m.	45	36	op. c.	0.9	0.14	Eastbourne, to 6 p.m.	47	40	*	4.3	0.30
Southport, to 9 p.m.	44	35	o. o. h. b. c. o.	1.7	0.02	Bexhill-on-Sea, to 9 p.m.	48	43	o. c. c.	4.2	0.30
Rhyl, to 6 p.m.	45	36	*	4.6	0.08	Hastings ...	*	*	*	4.0	*
Colwyn Bay, to 6 p.m.	44	39	c.	4.0	0.17	Folkestone, to 6 p.m.	49	42	b. or. b. c.	3.5	0.07
Llandudno, to 9 p.m.	44	38	or. c. b. c. c.	3.6	0.04	Deal, to 6 p.m.	48	38	or. b. c. b.	3.0	0.15
Bettws-y-Coed, to 6 p.m.	44	38	b.	2.5	*	Ramsgate, to 6 p.m.	*	*	*	3.3	0.23
Aberystwyth, to 6 p.m.	46	38	*	4.7	0.18	Margate, to 6 p.m.	47	41	r. b.	3.0	0.29
Plymouth, to 9 p.m.	*	*	*	*	*	Felixstowe, to 6 p.m.	45	38	*	1.4	0.04
Paignton, to 6 p.m.	48	38	b. c. b. c. p.	5.8	0.16	Lowestoft, to 6 p.m.	43	39	b. c. p. c. b.	0.1	0.03
Torquay, to 6 p.m.	49	39	*	6.5	0.17	Skegness, to 6 p.m.	43	35	r. c. b. c. b.	1.7	0.05
Teignmouth, to 9 p.m.	48	40	b. c. v.	6.6	0.05	Scarborough, to 9 p.m.	42	36	c. o.	1.5	0.02
Weymouth, to 6 p.m.	47	43	op. b. c. b.	6.4	0.09	Harrogate, to 6 p.m.	41	34	b. c. b. p. b. c.	1.7	0.04
Bournemouth, to 6 p.m.	48	40	c. b. b.	6.0	0.14	Buxton, to 6 p.m.	*	*	*	*	*
Southsea, to 6 p.m.	48	41	*	6.3	0.23	Darwen, to 9 p.m.	40	33	c. or. b. c. b.	0.1	0.14
Worthing, to 6 p.m.	48	38	c. b.	5.5	0.18	Manchester, to 9 p.m.	*	*	*	*	*
						Birmingham, to 9 p.m.	44	35	o. r. c. b. c.	4.8	0.05

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.
	3 p.m.	9 a.m.	Max.	Min.			
	Yesterday.	To-day.	24 HOURS ENDED AT 9 A.M. TO-DAY.				
Greenwich (Royal Obs.) ...	% 72	% 94	47	33	o. or. bc. bc. c. or	in. 0.19	Hrs. 2.9
City (Rushall Row) ...	% *	% *	48	38	*	"	0.9
Westminster (St. James's Pk.)	% 7	% 99	54	40	bc. r	0.17	2.7
Camden Sq. (Brit. Rainfall)	% 78	% 95	48	38	or. bc. or	0.22	2.3
Hampstead (Reservoir) ...	% *	% 97	47	38	bc. or	0.26	3.2
			24 HOURS ENDED AT 6 P.M. YESTERDAY.				
South Kensington ...	% *	% *	49	42	} or. bc. bc. b3	{ 0.07	{ 2.4
" " (Roof of M.O.)	% 68	% 90	50	43			

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

STATIONS.	5th Dec. 1911.		Sunrise	Noon	Sunset
	G.M.T.	G.M.T.			
Yarmouth	7.47	11.44	7.47	11.44	3.40
Greenwich	7.50	11.51	7.51	11.51	3.41
Wick	8.05	12.03	8.07	12.03	3.40
Valencia	8.33	12.32	8.35	12.32	4.29

## 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	52	o. b.	Rome	-	55	41	b. b.
Marseilles	-	61	48	c. o.	Vienna	-	37	34	r. m.
Malta	0.43	66	56	b. c.	Utrecht	0.08	45	37	c. f.
Algiers	0.24	66	54	c. o.	Zürich	-	*	*	c. o.
Tunis	-	63	45	r. o.	Geneva	-	*	*	c. o.
Palermo	-	66	46	c. o.	Lugano	-	*	*	c. o.

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

Wednesday,  
6th December, 1911.

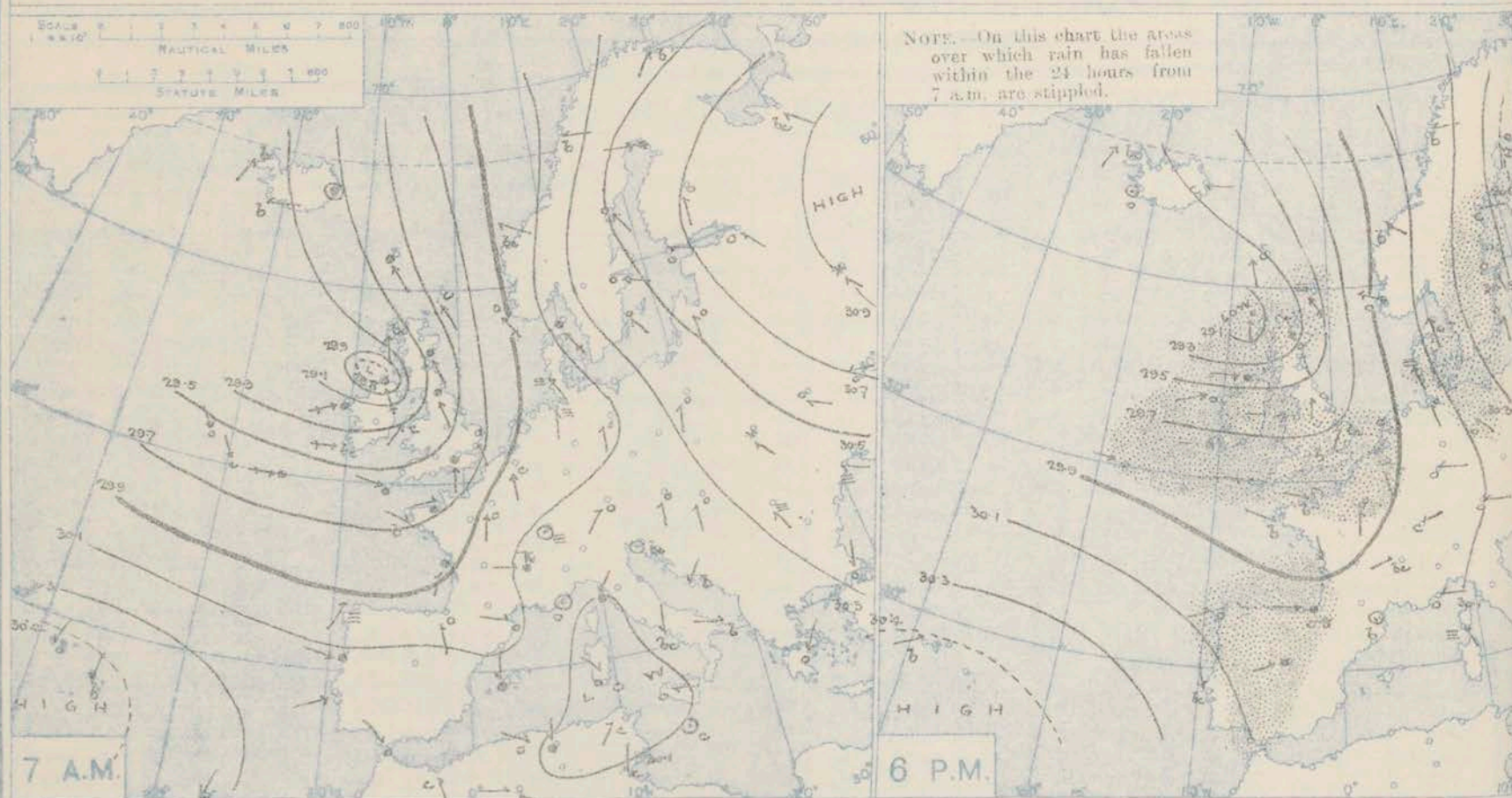
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.					
	Barom.	Temp.	Wind.	Force	Weather.		Barometre.	Temp.	Wind.	Force	Weather.	Sea					Temp.			Weather.		
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	(0 to 12)			At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dir.	(0 to 12)					Max.	Min.	Sun-shine.	Morn'g. 7 a.m. to 1 p.m.	Afternoon. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.
BRITISH ISLANDS.	Lerwick	29.42	45	SE	9	m	29.53	+0.11	44	0	SSE	3	r	3	0.35	47	43	*	0.09	omn	or	
	Stornoway	29.02	48	S	6	r	29.64	+0.62	40	-3	WSW	5	bc	4	0.15	48	37	0.0	c.og	odpy	c.ogpy	
	Castlebay (Barra Isd.)	29.16	45	WNW	5	cg	29.70	+0.54	43	-5	SW	4	bc	5	0.14	48	42	0.0	ogp	ogp.r	ogp.b	
	Malin Head	29.37	41	W	7	o	29.76	+0.39	38	-4	SW	5	bc	5	0.13	46	38	*	ogp	ogp	ogp	
	Blackrod Point	29.55	44	WSW	5	o	29.75	-0.20	44	0	WSW	6	o	4	0.08	45	40	*	ogp	om	om	
	Valencia	29.78	45	W	5	chp	29.88	-0.10	41	-5	S	3	c	5	0.07	49	38	1.9	bcg	bcg	c.b	
	Roche's Point	29.80	41	N	2	b	29.96	*	37	-4	E	1	bc	3	0.03	45	34	*	bc	bc	b. bc	
	Birr Castle	29.67	38	NW	2	c	29.89	*	31	-12	SW	2	c	*	0.04	44	29	1.2	op	c	c	
	Donaghadee	29.51	41	SW	4	c	29.89	+0.38	32	-14	SW	2	bc	2	Trace	46	32	*	ogp. bc	bc	bc. x	
	Liverpool Obsy.	29.66	41	SW	4	b	29.99	+0.33	38	-3	SW	3	b	2	Trace	47	37	1.6	c.vp	bc	b	
	Holyhead	29.63	45	W	5	c	29.92	+0.29	41	-6	W	1	b	1	Trace	47	40	*	cpm	c	bc	
	Pembroke (St. Ann's Hd.)	29.75	46	W	4	b	29.00	+0.25	44	-4	SSW	3	bc	5	0.01	51	42	2.7	ogp	ogp	bcg.v	
	Newquay	29.79	45	W	4	bc	30.04	*	36	-10	SE	1	bc	3	0.07	48	36	3.0	bcg	bcg	b	
	Scilly (St. Mary's)	29.80	47	W	6	cm	30.02	+0.22	44	-3	SSW	2	bcpm	4	0.03	49	41	3.6	bc	cm	bc	
	Jersey (St. Aubin)	29.82	47	WNW	3	b	30.10	*	37	-10	WNW	3	bc	3	0.06	53	36	3.6	bc	bc. b	bc	
	Portland Bill	29.76	47	W	4	b	30.05	+0.29	42	-8	*	0	b	3	Trace	50	41	4.4	bc	bc	b. bc	
	Dungeness	29.74	44	SW	3	c	30.06	+0.32	34	-15	NW	2	bc	2	0.36	49	32	0.1	or	c	bc. x	
	Dover	29.80	41	WSW	1	b	30.10	*	35	-11	NW	1	b	2	0.18	46	34	0.0	op. c	c. bc	bc. bc	
	Wick	29.22	46	SSE	8	c	29.66	+0.44	39	-5	W	3	c	4	Trace	47	38	*	om	om	bcg	
	Nairn	29.17	45	ESE	3	bc	29.68	*	38	-4	SW	2	bc	2	0.04	48	37	5.0	og	og	og. b	
	Aberdeen	29.35	46	SSE	5	c	29.77	+0.42	39	-5	SSW	2	bc	2	0.18	47	39	0.0	og	og. c	bcg. c	
	Leith	29.40	43	SW	3	c	29.86	+0.46	40	-1	WSW	4	bc	*	0.45	37	*	*	c. bc	bc	ogp	
	North Shields	29.55	43	S	2	c	29.90	+0.35	37	-6	SW	2	c	2	*	46	34	0.0	cm	c	bc	
	Spurn Head	29.65	42	SSW	4	b	29.97	+0.32	37	-7	SW	4	bc	3	0.34	44	36	*	cm	c	bc	
SCANDINAVIA.	Yarmouth	29.70	44	SSW	2	bc	30.04	+0.34	34	-11	WSW	2	b	1	0.14	47	33	0.1	om	bc	bc. c	
	Clacton-on-Sea	29.72	42	SW	1	c	30.06	+0.34	34	-11	WNW	2	bc	1	0.02	46	33	0.0	c. or. c	c	c. bc. x	
	Nottingham	29.68	41	SW	3	b	29.98	+0.30	30	-16	WSW	1	bc	*	0.02	47	28	0.5	bc	bc. b	bc	
	Bath	29.76	41	W	1	b	30.07	*	28	-15	*	0	m	*	*	49	26	3.5	*	*	*	
	Oxford	29.83	39	SSW	2	b	30.10	*	30	-14	*	0	bc	*	Trace	47	30	*	or. c. bc	bc. bc. b	b. bc	
	London (New Obsy.)	29.76	44	SW	2	b	30.08	+0.32	31	-16	*	0	bc	*	0.30	49	31	1.8	om. c	bc. bc	b. bc	
	Isafjord	29.23	38	SW	4	bc	29.62	*	31	-8	*	0	b	*	*	*	*	*	*	*	*	
	Reykjavik	29.21	34	*	0	o	29.03	-0.18	28	-7	E	1	b	*	*	*	*	*	*	*	*	
	Seydisfjord	29.33	38	E	2	c	28.97	-0.36	38	-1	*	0	c	*	*	*	*	*	*	*	*	
	Thorshavn	29.27	45	SSE	5	o	29.25	+0.11	42	0	W	4	c	*	*	*	*	*	*	*	*	
GERMANY, &c.	Haparanda	30.65	24	S	2	o	30.59	-0.06	23	-4	S	4	o	*	*	27	23	*	*	*	*	
	Hernösand	30.45	31	E	2	o	30.46	-0.01	31	-2	SE	6	S	*	Trace	37	30	*	*	*	*	
	Stockholm	30.42	31	SE	4	o	30.39	-0.03	32	0	ESE	2	o	*	Trace	32	28	*	*	*	*	
	Wisby	30.36	31	SSE	4	o	30.35	-0.01	31	0	SSE	2	o	*	0.04	34	28	*	*	*	*	
	Karlstad	30.31	31	SE	2	o	30.29	-0.02	32	-2	ESE	2	o	*	0.08	36	30	*	*	*	*	
	Färder (X'ania Fj.)	30.21	35	SE	5	o	30.11	-0.10	33	-4	SE	4	o	3	*	37	32	*	*	*	*	
	Bodö	30.27	37	E	2	b	30.10	-0.17	32	-5	E	7	b	2	*	37	32	*	*	*	*	
	Christiansund	29.99	41	SE	3	b	29.91	-0.08	40	-2	SE	5	b	3	*	43	39	*	*	*	*	
	Skudesnaes	29.91	42	ESE	2	c	29.95	+0.04	41	-2	ESE	9	o	5	*	43	37	*	*	*	*	
	The Scaw (Skagen)	30.17	37	SSE	6	o	30.17	-0.00	37	-2	SE	6	o	2	*	39	34	*	*	*	*	
FRANCE.	Blaavands Huk	29.96	38	SSE	4	f	30.04	+0.08	35	-3	SSE	3	r	2	0.08	38	34	*	*	*	*	
	Cuxhaven	29.99	38	SE	3	o	30.06	+0.07	37	-1	S	2	o	*	*	41	36	*	*	*	*	
	The Helder	29.80	42	SSE	4	r	30.04	+0.24	35	0	S	1	m	1	0.12	43	35	*	*	*	*	
	Brussels	29.86	44	SSE	3	r	30.09	+0.23	39	+1	SSW	1	f	*	0.04	46	37	*	*	*	*	
	Berlin	30.12	34	SE	2	o	30.20	+0.08	36	+4	S	3	o	*	0.04	36	32	*	*	*	*	
	Frankfurt	30.01	39	E	2	c	30.14	+0.13	37	-2	SE	1	f	*	*	45	36	*	*	*	*	
	Munich	30.08	38	E	2	o	30.25	+0.17	31	-6	SE	3	f	*	*	41	30	*	*	*	*	
	C. Gris Nez	29.80	47	W	5	bc	30.08	+0.28	44	+1	WNW	2	b	6	0.35	48	43	*	*	*	*	
	La Hève	29.82	43	WSW	4	o	30.10	+0.28	39	-2	SSE	2	o	2	0.12	48	36	*	*	*	*	
	Brest (St. Mathian)	29.90	48	WNW	3	b	30.16	+0.26	44	-5	S	1	bc	5	*	54	41	*	*	*	*	
SPAIN, PORTUGAL, &c.	Lorient (Bee Melen)	29.86	47	WNW	2	b	30.12	*	41	-9	*	0	b	5	*	54	39	*	*	*	*	
	Rochefort (Ile d'Als)	29.88	50	NNW	3	o	30.13	*	43	-9	NE	3	c	*	0.28	54	43	*	*	*	*	
	Biarritz	29.97	50	W	3	r	30.15	*	48	-4	N	4	r	4	0.79	54	46	*	*	*	*	
	Paris	29.84	46	SW	4	o	30.10	+0.26	39	-3	SW	1	o	*	0.12	48	38	*	*	*	*	
	Belfort	29.99	40	ENE	4	o	30.17	*	36	+2	ENE	2	c	*	*	44	34	*	*	*	*	
	Lyons	30.00	41	WSW	2	bc	30.12	*	40	+7	*	0	o	*	*	47	33	*	*	*	*	
	Nice	30.09	46	E	1	o	30.15	+0.06	50	+6	SW	1	b	3	*	50	44	*	*	*	*	
	Perpignan	29.93	47	*	0	b	30.08	+0.15	47	+4	NW	2	o	*	*	56	43	*	*	*	*	
	Sanguinaire	30.03	53	SE	3	m	30.10	*	53	0	E	2	m	3	*	55	46	*	*	*	*	
	Corunna	30.06	54	WSW	3	o	30.28	+0.22	41	-11	NE	1	bc	8	0.12	55	37	*	*	*	*	
DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.	Lisbon (8 a.m. local)	30.04	52	NW	4	or	29.95	*	48	-6	NW	5	b	*	0.25	*	*	*	*	*	*	
	Gibraltar	30.04	52	NW	4	or	29.95	*	48	-6	NW	5	b	*	0.25	*	*	*	*	*	*	
	Azores (P. Delgada)	30.04	52	NW	4	or	29.95	*	48	-6	NW	5	b	*	0.25	*	*	*	*	*	*	
	Azores (Horta)	30.04	52	NW	4	or	29.95	*	48	-6	NW	5	b	*	0.25	*	*	*	*	*	*	
DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.	Madeira (Funchal)	30.04	52	NW	4	or	29.95	*	48	-6	NW	5	b	*	0.25	*	*	*	*	*	*	
	Lerwick	8 a.m. - 10 a.m.	Extreme S.E. 9.																			
	Castlebay	7 a.m. - noon	Extreme S.E. 9.																			
	Malin Head	6 p.m. - 11 p.m.	Extreme W.S.W. 8.																			
	Blackrod Point	7 a.m. - 4 a.m.	Extreme W.S.W. 8.																			
	Wick	7 a.m. - 11 p.m.	Extreme S.S.E. 8.																			

\* Information for these columns not usually received.

† Received too late for insertion in Charts.



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



## NOTES ON YESTERDAY'S WEATHER.

Temperature rose to 53° at Jersey yesterday, and to about 50° along the south coast of England, but at Darwen the maximum did not exceed 43°. Showers fell in all districts, the amount measured being small. As a rule there was little or no bright sunshine, but Seignmouth and Barm

had 5 hours, and Torquay 5½ hours. Frost occurred in many districts in the night. Bath reporting a shade minimum of 26° and at Kew 21° on the grass. As far west as the 22nd meridian ships experienced W. to S.W. winds, strong to a gale, with dull to rainy weather. On our S.W. and S. coasts a S.E. to S.W. and W. gale to a strong gale was felt.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY

0 { a } Same as Nos. 6 to 10.  
b

1

2 { a } Light Variable to freshening  
b

S. breezes; fair or fine to dull.

3

some rain later, local mist;

4 { a } Temperature rising.  
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 Coast	South Coast
North Coast	North Coast

6 { a }  
b

7 { a }  
b

S. winds, increasing, strong

8 { a }  
b

or high in places; fair or fine to

9 { a }  
b

dull, some rain; temperature rising.

10 { a }  
b

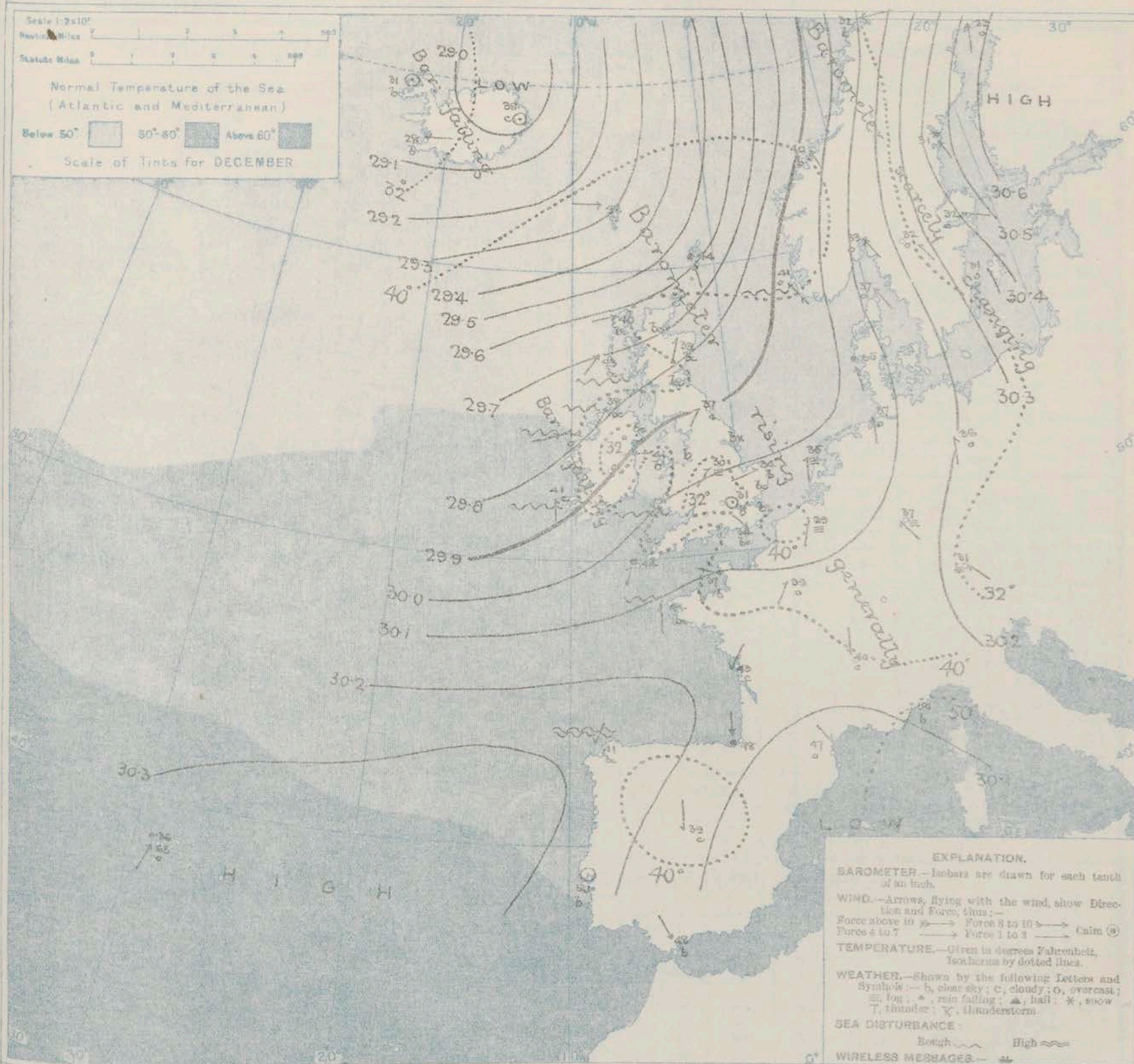
### 11 WESTERN CHANNEL AND BAY.

Increasing S. winds; sea slight to rough; gusty, fair to dull, some rain. local fog; becoming milder.

### THE FURTHER OUTLOOK



# SYNOPTIC CHART FOR 7 A.M. WEDNESDAY, 6<sup>TH</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure still remains very high over eastern Europe, about 30.4 in. in the eastern parts of Russia. In another anticyclone in the neighbourhood of the Azores the barometer is at about 30.4 in. Yesterday's deep depression has passed to eastern Iceland, where pressure is below 29 in. The gradient is rather steep over Scandinavia and across to Iceland, moderate to very slight elsewhere.

Calm and very light variable breezes prevail over southern England and the neighbouring parts of the Continent, and also in Iceland, light to moderate southerly and south-westerly breezes over the greater part of the British Isles, fresh to strong or

high south-westerly winds in Scandinavia, a strong gale at Skudesnæs. Temperature has diminished nearly everywhere. At the home stations the values range from 28° at Bath to 43° or 44° at isolated stations on the western and northern coasts; on the Continent from 31° at Munich to 50° at Rostock, in Scandinavia from 23° at Haparanda to 41° at Skudesnæs; and in Iceland from 28° to 32°. Fair to fine, clear weather is reported at many home and foreign stations, at many others the sky is overcast. Rain is falling at Lillies, Biarritz and on the Danish coast, snow at Hemsby, and the atmosphere is foggy in the Rhineland region. The sea is rather rough at several places on our western coasts, generally it is slight to very smooth.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

There is again a general backing of the wind on the western coasts, and the barometer is

beginning to give way in the west of Ireland. A changeable S. type of conditions will consequently prevail over the country generally.



## DAILY WEATHER REPORT.

Wednesday, 6th December 1911.

## 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 Dir. (10 and more)
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air.		Sea.	
														Dry Bulb.	Wet Bulb.		
	*	*	In.					*	*	In.				*	*	*	
5th Dec. 3 p.m.	50	16	29.84	WNW	6-7	<u>Manitow</u>	5th Dec. 6 p.m.	50	17	29.96	WNW	6-7	r	-	-	-	
do. 4 p.m.	50	15	29.72	W	8-9	<u>do.</u>	do. 7 p.m.	50	15	29.71	W	8-9	r	-	-	-	
do. 4 p.m.	50	15	29.78	NW	6-7	<u>Safelanch</u>	do. 7 p.m.	50	19	29.74	NNW	6-7	c	-	-	-	
do. 4 p.m.	50	13	?	WNW	8-9	<u>Mons Temple</u>	do. 7 p.m.	50	12	?	WNW	8-9	c	-	-	-	
do. 4 p.m.	51	24	29.53	NW	6-7	<u>Carmanis</u>	do. 7 p.m.	51	21	29.58	NW	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.	47	38	r. o. g.	0.0	0.20	Brighton, to 6 p.m.	49	33	*	1.8	0.33
Dublin (City), to 4 p.m.	45	42	r. b. bc	0.0	0.30	Seaford, to 6 p.m.	51	44	r. o. bc	0.8	0.34
Blackpool, to 9 p.m.	46	34	cp. b.	0.0	0.12	Eastbourne, to 6 p.m.	49	41	*	0.6	0.48
Southport, to 9 p.m.	46	37	o. r. bc. c.	0.3	0.06	Bexhill-on-Sea, to 9 p.m.	49	40	d. sm.	0.7	0.31
Rhyl, to 6 p.m.	48	37	b. r. c.	1.1	0.08	Hastings ...	*	*	*	0.7	*
Colwyn Bay, to 6 p.m.	47	40	bc. c. o.	3.2	0.29	Folkestone, to 6 p.m.	47	39	b. o. r. b. bc	0.0	0.25
Llandudno, to 9 p.m.	47	40	o. r. bc. b.	3.1	0.20	Deal, to 6 p.m.	47	35	o. r. c. bc. c.	0.0	0.31
Bettws-y-Coed, to 6 p.m.	47	38	*	0.8	0.15	Ramsgate, to 6 p.m.	47	37	r. c.	0.0	0.11
Aberystwyth, to 6 p.m.	47	38	bc. bc.	3.8	0.15	Margate, to 6 p.m.	47	37	r. c.	0.0	0.11
Plymouth, to 9 p.m.	49	40	cp. or bc	4.9	0.47	Felixstowe, to 6 p.m.	46	37	*	0.0	0.15
Paignton, to 6 p.m.	49	35	cp. or bc	4.9	0.47	Lowestoft, to 6 p.m.	46	36	bc. o. r. c.	0.0	0.14
Torquay, to 6 p.m.	51	42	r. b.	5.4	0.36	Skegness, to 6 p.m.	45	40	r. c. l.	0.1	0.39
Teignmouth, to 9 p.m.	51	40	r. b.	5.1	0.54	Scarborough, to 9 p.m.	45	34	o.	0.0	0.21
Weymouth, to 6 p.m.	50	43	p. o. bc. b.	4.4	0.29	Harrogate, to 6 p.m.	45	32	bc. r. c. bc. b.	0.1	0.15
Bournemouth, to 6 p.m.	50	40	c. bc. b.	4.2	0.49	Buxton, to 6 p.m.	45	32	bc. r. c. bc. b.	0.1	0.15
Southsea, to 6 p.m.	50	38	*	4.0	0.78	Darwen, to 9 p.m.	43	33	c. o. r. bc. cp	0.5	0.33
Worthing, to 6 p.m.	49	35	r. c. bc. c.	2.0	0.24	Manchester, to 9 p.m.	47	38	o. c. bc. cp. c.	0.9	0.03
						Birmingham, to 9 p.m.	47	36	r. o. c. b.	2.0	0.16

## 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.				6th 17th Dec. 1911.	Sunrise	Noon	Sunset
24 HOURS ENDED AT 9 A.M. TO-DAY.												
		%	%				in.	Hrs.				
Greenwich (Royal Obs.) ...		60	95	49	31	or b. bc	0.16	0.7	Yarmouth ... .. 7.49 11.44 3.34			
City (Bunhill Row) ... ..		*	*	51	32	r. bc. bc. m.	0.18	0.0	7.51 11.45 3.34			
Westminster (St. James's Pl.)		80	98	51	32	or. b. f	0.18	0.6	Greenwich ... .. 7.51 11.51 3.35			
Camden Sq. (Brit. Rainfall)		81	96	47	31	or. bc. bc. b.	0.13	0.6	7.53 11.51 3.35			
Hampstead (Reservoir) ...		+	99	47	32			0.6	Wick ... .. 8.47 12.3 3.09			
24 HOURS ENDED AT 6 P.M. YESTERDAY.												
South Kensington ...		+	+	49	40	} avg. or. bc {	0.35	} 0.6	Valencia... .. 8.53 12.32 3.09			
" (Roof of M.O.)		75	87	50	40				*		8.57 12.33 3.09	

## 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	54	b. c.	Rome ...	-	55	39	o. c.
Marseilles ...	-	55	36	c. b.	Vienna ...	-	29	34	o. c.
Malta ...	-	64	56	c. c.	Utrecht ...	-	46	34	c. c.
Algiers ...	0.67	63	52	o. o.	Zürich ...	0.20	*	*	r. c.
Tunis ...	-	66	48	c. c.	Geneva ...	-	*	*	o. c.
Palermo ...	0.04	65	50	o. o.	Lugano ...	-	*	*	o. c.

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

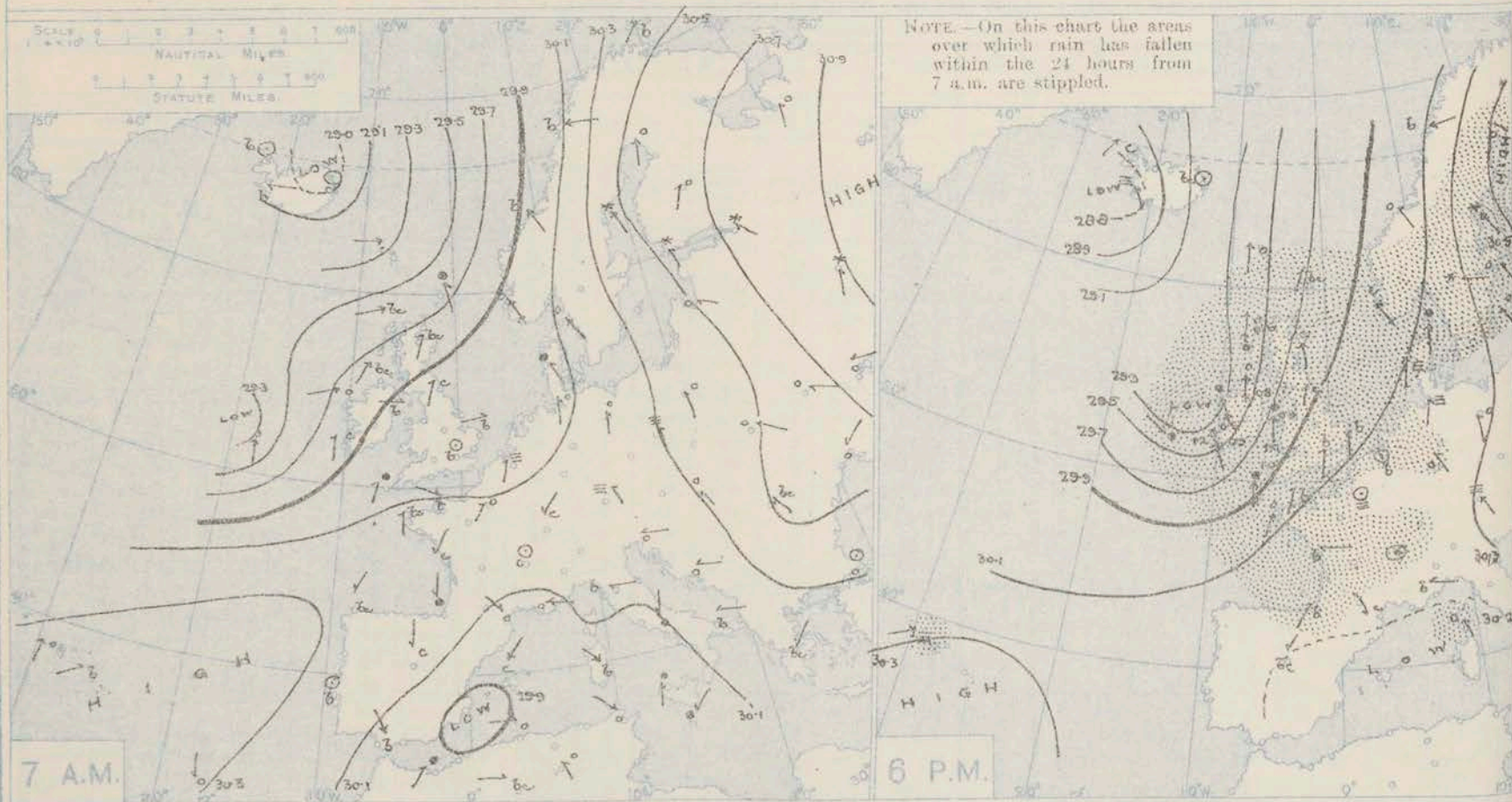


\* Information for these columns not usually received.

† Received too late for insertion in Charts.



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



## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to 52° at Jersey, and 50° or 51° at a few south coast stations, but at Darwen the maximum was only 39°. Frost occurred at several places in the night, New Observatory reporting a grass minimum of 21°. Rain has fallen everywhere, heavily in the west, up to 1½ inch at Blackhead Point. As a rule the bright sunshine records

were very large, up to 7 hours at Jersey. As far west as the 18th meridian ships experienced S.W. to N.W. strong winds to strong gales, and subsequently the gale was felt over nearly the whole of the British Isles, at Aberdeen squalls at the rate of 66 miles per hour.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY

0 { a  
b

1

2 { a  
b

3

4 { a  
b

5

S.<sup>ly</sup> winds, strong to a gale,  
 shifting into the N.W. quarter,  
 moderating later and backing  
 again; squally, rainy at first,  
 then fair or fine; mild at first.  
 cold night, frost in places.

FORECAST DISTRICTS.

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

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

6 { a  
b

7 { a  
b

8 { a  
b

9 { a  
b

10 { a  
b

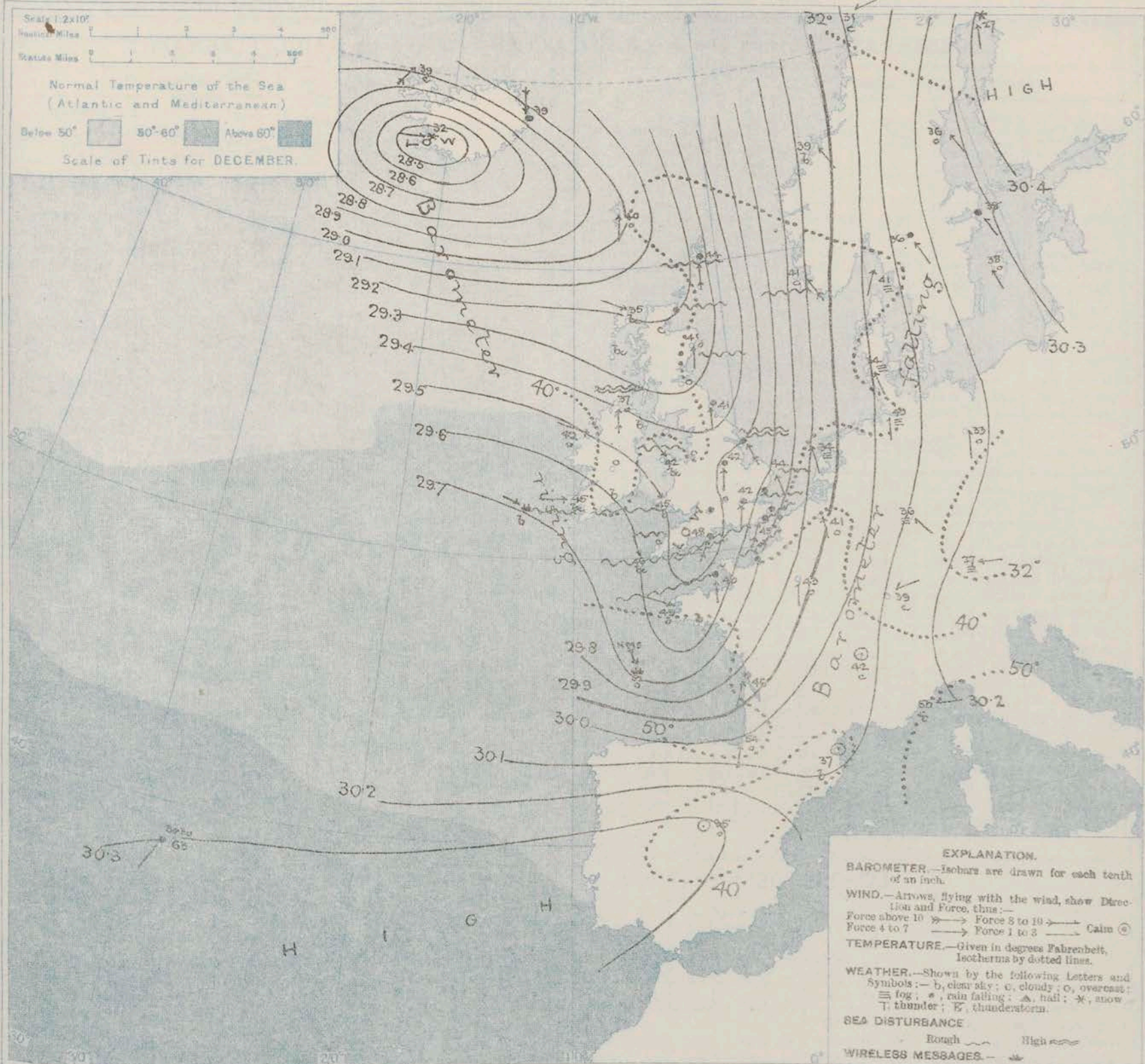
N.W.<sup>ly</sup> and N.<sup>ly</sup> winds, strong to  
 a gale, moderating and backing later  
 squally, changeable, some rain  
 or hail showers; cold, night  
 frost in places.

THE FURTHER OUTLOOK.

11 WESTERN CHANNEL AND BAY. N.W. to N.E. strong winds and gales, moderating and backing W. later; rough sea and swell; squally, rain, mist or fog, fair intervals; cold.



# SYNOPTIC CHART FOR 7 A.M. THURSDAY, 7<sup>TH</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The highest pressure reported this morning is below 30½ in. in England. At the Azores the barometer stands at 30.3 in. Another very deep cyclonic system has moved up to Iceland, where the barometer is below 28½ in. From it a "V-shaped" system extends down the whole length of Britain to the Bay and Spain, with a secondary pressure minimum of 29.4 in. over Norway. The gradient is rather steep over the greater part of the region under observation.

Over the western parts of the British Isles and down the face of the Bay winds from between West and North are reported, while over the rest of our area South-Westerly to South-Easterly winds prevail. Strong winds to strong gales are blowing at many

home and foreign stations, a whole gale on the coast of Donegal. Over the British Isles temperature ranges from 35° at Slattery. Donaghadee and Birn Castle to 46° or 48° in the south-west of England, on the Continent from 27° at Munich and Haparanda to 54° at Biarritz; and in Iceland from 32° to 36°. On the Bay the temperature of the air is 52°, that of the sea water 54°. The weather is in a very disturbed state generally. Rain is falling over the eastern half of Britain, and in many foreign localities. Snow is falling at Haparanda and in the north-west of Iceland. A very high sea is running off Portland Bill and the north of Iceland, and it is rough or high in many other localities.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS

The very unsettled type of conditions is expected to be maintained throughout the coming twenty-four

hours, with a decrease of temperature towards evening.



## DAILY WEATHER REPORT.

Thursday, 7th December, 1911.

## 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.	Wet Bulb.	Sea.	
			In.							In.							
7th Dec. 4am	45.48	7.33	29.60	WSW	7	H. M. S.	7th Dec 7am	46.22	7.0	29.67	WSW	8	0	52	52	50	6
6th Dec. 3pm	51	14	29.72	SSW	8-9	Montrose	6th Dec 6pm	51	13	29.32	WSW	8	7	-	-	-	-
do	51	18	29.74	SSW	6-7	do	do. 7am	51	17	29.31	S	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.			
Oban, to 6 p.m.	47	40	cl. b. c.	4.4	0.24	Brighton, to 6 p.m.	48	32	*	5.5	-
Dublin (City), to 4 p.m.	44	35	bc. op. or	*	trace	Seaford, to 6 p.m.	50	32	b. bc.	6.0	0.01
Blackpool, to 9 p.m.	44	36	c. o.	4.5	-	Eastbourne, to 6 p.m.	47	31	*	6.6	-
Southport, to 9 p.m.	42	34	bc. b. o.	4.2	-	Bexhill-on-Sea, to 9 p.m.	50	35	bm. bc.	5.0	0.03
Rhyl, to 6 p.m.	45	33	*	5.5	-	Hastings ...	*	*	*	5.8	*
Colwyn Bay, to 6 p.m.	46	35	bc. c. o.	5.5	0.02	Folkestone, to 6 p.m.	49	36	bc. b. bc.	6.0	0.00
Llandudno, to 9 p.m.	46	35	*	4.6	-	Deal, to 6 p.m.	45	32	bc. b. c.	6.2	-
Bettws-y-Coed, to 6 p.m.	44	30	c. r.	3.5	*	Ramsgate, to 6 p.m.	*	*	*	6.3	-
Aberystwyth, to 6 p.m.	47	37	*	4.7	-	Margate, to 6 p.m.	46	36	*	6.2	-
Plymouth, to 9 p.m.	50	32	bc. bc. bc.	3.8	0.03	Felixstowe, to 6 p.m.	45	32	*	6.6	-
Paignton, to 6 p.m.	49	32	bc. bc. op.	4.0	0.09	Lowestoft, to 6 p.m.	45	34	bm. b.	6.0	-
Torquay, to 6 p.m.	50	34	*	4.0	0.05	Skegness, to 6 p.m.	40	30	b.	5.5	-
Teignmouth, to 9 p.m.	48	32	b. bc. bc.	4.9	0.07	Scarborough, to 9 p.m.	41	34	bc. o.	3.0	0.01
Weymouth, to 6 p.m.	51	33	b. bc. bc.	3.5	0.02	Harrogate, to 6 p.m.	41	32	bc. bc. bc.	1.2	-
Bournemouth, to 6 p.m.	50	29	c. bc. b.	6.0	-	Buxton, to 6 p.m.	45	28	bc.	4.7	-
Southsea, to 6 p.m.	49	31	*	5.2	0.17	Darwen, to 9 p.m.	39	34	rh. b. bc.	1.9	0.03
Worthing, to 6 p.m.	50	29	b. c.	5.1	0.07	Manchester, to 9 p.m.	43	31	bc. bc. o.	4.3	-
						Birmingham, to 9 p.m.	42	33	b. c. o.	4.8	-

## 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.				7th & 8th Dec. 1911.	Sunrise	Noon	Sunset
	24 HOURS ENDED AT 6 A.M. TO-DAY.										
	%	%				in.	Hrs.	G.M.T.	G.M.T.	G.M.	
Greenwich (Royal Obs.) ...	75	90	46	33	b. bc. c. o. or	0.19	6.3	Yarmouth ... ..	7.51	11.45	3.39
City (Rushall Row) ... ..	*	*	*	*	*	*	0.4				
Westminster (St. James's Pk.)	75	89	47	34	m. r	0.18	2.3	Greenwich ... ..	7.53	11.52	3.51
Camden Sq. (Brit. Rainfall)	81	97	46	32	b. bc. or	0.18	0.7				
Hampstead (Reservoir) ...	*	93	45	40	bc. or	0.21	3.5	Wick ... ..	8.49	12.4	3.19
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Valencia ... ..	8.37	12.33	4.28
South Kensington ...	*	*	46	35	cm. bn. b. b.	trace	2.8				
" (Roof of M.O.)	70	86	47	36		*					

## 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 ...	0.55	64	50	c. bc.	Rome ...	-	55	42	b. o.
Marseilles ...	0.04	57	48	c. c.	Vienna ...	-	37	34	c. c.
Malta ...	0.73	64	55	r.	Utrecht ...	0.08	45	36	r. c.
Algiers ...	0.12	64	52	c. o.	Zürich ...	-	*	*	c. o.
Tunis ...	-	63	45	m. o.	Geneva ...	-	*	*	c. o.
Palermo ...	-	66	51	c. r.	Lugano ...	-	*	*	c. o.

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

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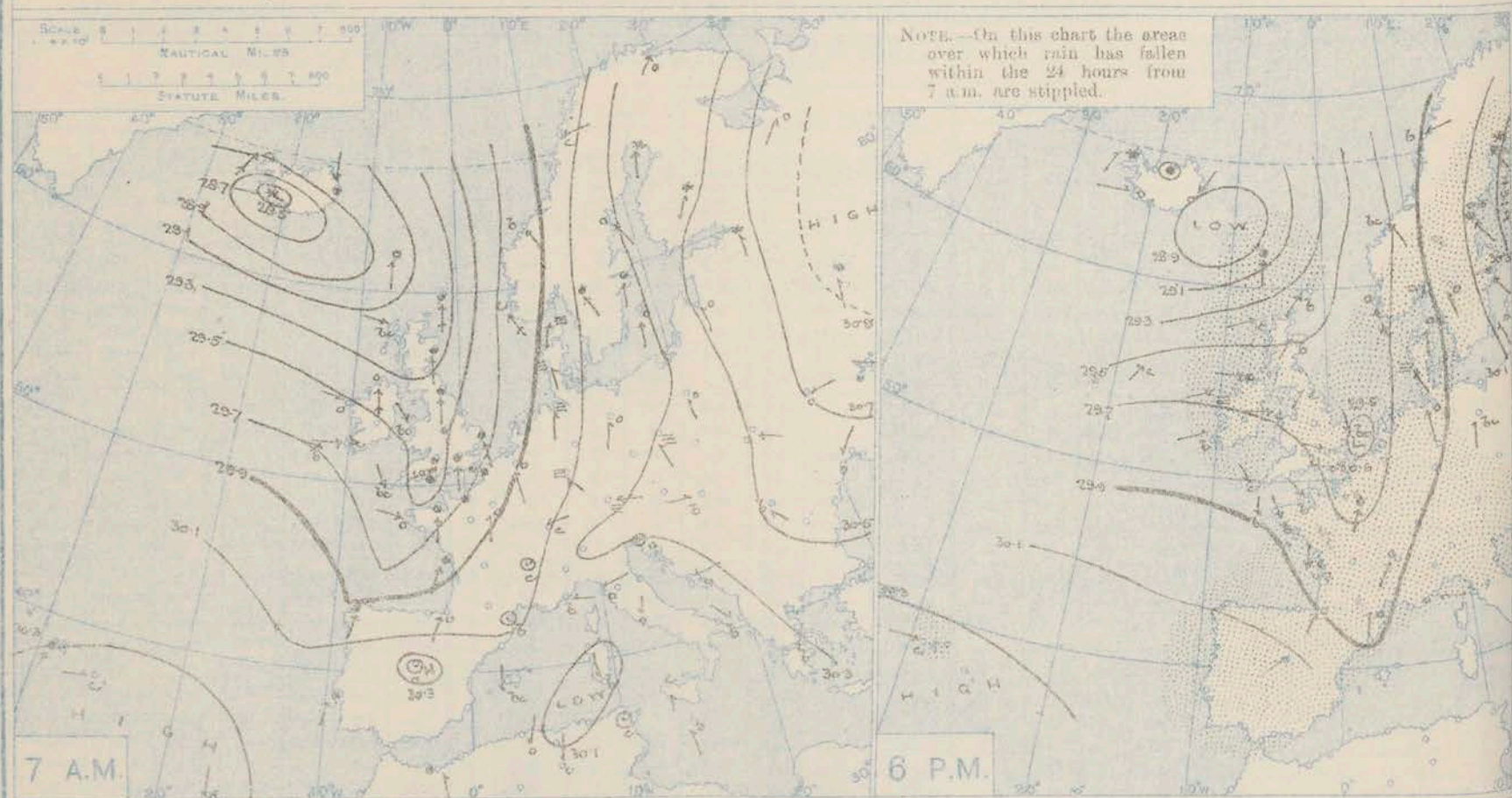
Friday,  
8th December, 1911.

Friday,  
8th December, 1911.

† Received too late for insertion in Charts.



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



## NOTES ON YESTERDAY'S WEATHER.

Excepting at Jersey temperature failed to reach 50° over this country during yesterday. Frost occurred in many districts last night, Nottingham reporting a shade minimum of 27°, and Kent Observatory a gross minimum of 20°. Many stations had no bright sunshine or less than an hour, but between Plymouth and Bournemouth

the records were from 6 hours to 7 hours. As far west as the 25th meridian ships experienced South-Westerly to North-Westerly strong winds and gales, and fair to dull weather. On various parts of our own coasts a Southerly gale to a strong or whole gale was experienced yesterday forenoon.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON FRIDAY

TO NOON SATURDAY.

0 {  
a  
b  
Increasing S.W. winds, strong to a gale in many places; fine to dull, squally, rainy, some mist or fog; temperature rising.

1

2 {  
a  
b  
Slight variable to increasing S.W. winds, strong to a gale in places; fine to dull, squally, some rain, local mist or fog; temperature rising.

3

4 {  
a  
b

5

Same as Nos. 6 to 10.

### FORECAST DISTRICTS.



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

Signals hoisted yesterday

South Coast

North Coast

Signals hoisted this morning

South Coast

North Coast

6 {  
a  
b

7

8 {  
a  
b

9

10 {  
a  
b

11

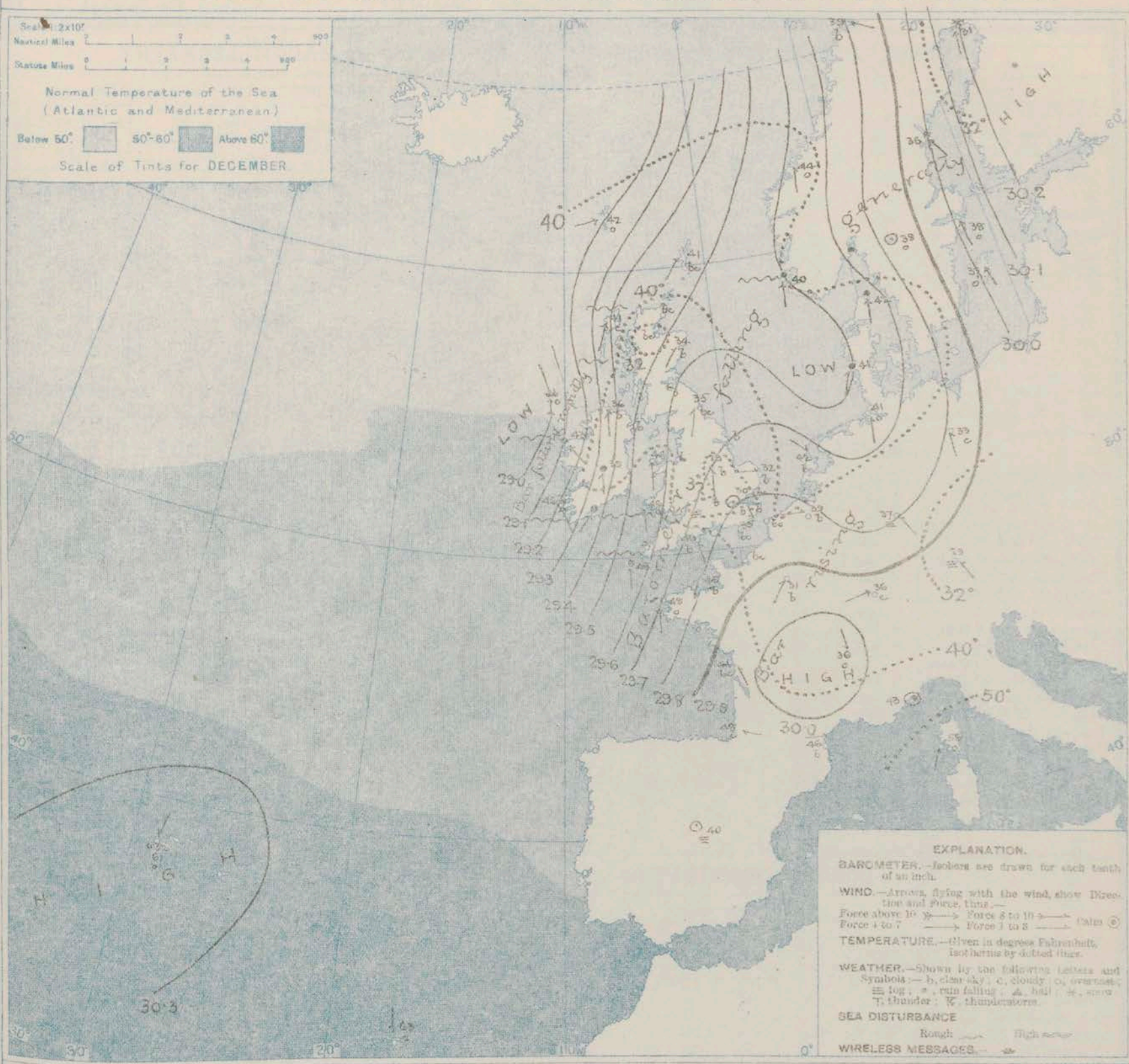
### WESTERN CHANNEL AND BAY.

S.W. strong winds and gales, veering W. by N. by E. later and moderating, rough to high sea and squally, rainy, with mist or fog, fresher later, mild to rather cold.

### THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. FRIDAY, 8<sup>TH</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The Russian anticyclone continues to withdraw to the seaward, and the barometer is now down to 30.2 in. at Haparanda. In an anticyclone about the Azores pressure is above 30.3 in. A large depression occupies the northern portion of the Atlantic, and there is an exceptionally rapid fall of the barometer on the Irish coasts. Foul weather's secondary disturbance is now on the eastern side of the North Sea. The gradient is becoming very steep over our western districts, elsewhere it is moderate to very slight.

Winds from some southerly point prevail over nearly the whole of the region under observation. In many localities they are moderate to very light in force, but on our western coasts, and locally

in Scandinavia, they are strong or high, and off the northwest of Ireland a ship reports a gale. Considerable changes. At the hour stations the readings range from 29° at Bath to 48° at Seilly, on the Continent from 29° at Munich to 55° at Gibraltar, in Scandinavia from 31° at Haparanda to 44° at Christiansund. The weather is fine in most parts of Great Britain, France and the Low Countries, but elsewhere it is very unsettled, rain falling in many localities. In South Germany the atmosphere is foggy. A rough or rather rough sea is running on most sections of our western coasts.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

Another depression is approaching our western coasts, and it threatens very windy.

unsettled weather over the country generally.



## DAILY WEATHER REPORT.

Friday, 8th December, 1911.

## 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.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.	Dry Bulb.	Wet Bulb.	
	"	"	In.					"	"	In.				"	"	"	
7th Dec. 4 p.m.	47.57	5 58	29.85	NNW	5	H. M. S. "	7th Dec. 6 p.m.	48.25	5.34	29.84	N	5	bc	49	45	51	4
8th " 4 a.m.	55	12	29.10	S	8-9	Empress of Britain	8th " 7 a.m.	55	10	29.00	S	8-9	o	-	-	-	-
7th " 3 p.m.	54	18	29.58	SW	6-7		7th " 6 p.m.	54	17	29.54	SW	6-7	c	-	-	-	-
7th " 4 a.m.	54	25	29.63	WNW	6-7		" " 7 a.m.	55	23	29.62	WNW	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.	41	39	r. bc. o. bc.	1.0	1.01	Brighton, to 6 p.m.	48	34	*	0.7	0.66
Dublin (City), to 4 p.m.	42	?	m. b.	*	0.36	Seaford, to 6 p.m.	48	40	r. bc. b.	0.8	0.91
Blackpool, to 9 p.m.	44	37	bc.	5.9	0.22	Eastbourne, to 6 p.m.	47	42	*	0.6	0.63
Southport, to 9 p.m.	44	40	or. b. c.	5.8	-	Bexhill-on-Sea, to 9 p.m.	48	43	r. b.	0.7	0.62
Rhyl, to 6 p.m.	45	30	b. c. r. bc.	5.2	0.18	Hastings	*	*	*	0.7	*
Colwyn Bay, to 6 p.m.	44	40	bc. b.	5.0	0.94	Folkestone, to 6 p.m.	48	40	bc. b. or. o.	0.0	0.50
Llandudno, to 9 p.m.	45	39	or. bc. b.	4.8	0.69	Deal, to 6 p.m.	48	40	or. r.	0.0	0.85
Bettws-y-Coed, to 6 p.m.	*	*	*	*	*	Ramsgate, to 6 p.m.	*	*	*	0.0	0.89
Aberystwyth, to 6 p.m.	46	38	*	5.0	0.38	Margate, to 6 p.m.	45	39	r.	0.0	0.54
Plymouth, to 9 p.m.	49	?	bc. bc.	6.5	1.28	Felixstowe, to 6 p.m.	43	34	*	0.0	0.54
Paignton, to 6 p.m.	46	38	cp. or. b. bc.	6.5	1.30	Lowestoft, to 6 p.m.	45	39	bc. or. c.	0.0	0.44
Torquay, to 6 p.m.	48	36	*	6.9	1.30	Skegness, to 6 p.m.	42	36	r. bc. b.	0.4	0.34
Teignmouth, to 9 p.m.	49	44	r. b.	6.5	0.99	Scarborough, to 9 p.m.	43	35	o. c.	1.8	0.33
Weymouth, to 6 p.m.	46	41	pq. bc. b.	6.1	0.67	Harrogate, to 6 p.m.	43	34	cc. r. b.	4.8	0.50
Bournemouth, to 6 p.m.	48	31	rq. c. bc.	6.2	0.90	Buxton, to 6 p.m.	*	*	*	*	*
Southsea, to 6 p.m.	47	33	*	2.8	0.90	Darwen, to 9 p.m.	41	37	eq. or. bc.	3.3	0.31
Worthing, to 6 p.m.	48	40	r. b. c.	0.8	0.99	Manchester, to 9 p.m.	*	*	*	*	*
						Birmingham, to 9 p.m.	43	36	r. bc. b.	2.3	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.				8th & 9th Dec. 1911.	Sunrise	Noon	Sunset
			24 HOURS ENDED AT 9 A.M. TO-DAY.								
Greenwich (Royal Obsy.) ...	88	70	45	29	o. g. b. bc. r.	0.12	0.0	Yarmouth ... ..	{ 7.52 7.53	11.45 11.45	3.38 3.38
City (Runhill Row) ... ..	*	*	*	*	*	*	0.0				
Westminster (St. James's Pk.)	89	99	46	30	r. bc. r. m.	0.12	0.0	Greenwich ... ..	{ 7.54 7.55	11.52 11.52	3.50 3.50
Camden Sq. (Brit. Rainfall)	90	87	44	28	or. c. bc. m.	0.20	0.0				
Hampstead (Reservoir) ...	*	88	42	30	or. bc. bc. b. f.	0.24	0.0	Wick ... ..	{ 8.50 8.52	12.4 12.4	3.18 3.17
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Valencia... ..	{ 8.38 8.39	12.33 12.33	4.28 4.28
South Kensington ...	*	*	47	41	{ or. od. ogr. o. bc. b }	0.35	*				
" " (Roof of M.O.)	86	84	47	41		*	0.0				

## 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	-	59	46	b. o.	Rome	0.08	52	47	o. r.
Marseilles	-	59	39	b. b.	Vienna	-	39	32	o. o.
Malta	0.04	63	55	o.	Utrecht	Trace	41	34	f. o.
Algiers	0.12	66	54	c. o.	Zürich	-	*	*	f. o.
Tunis	-	61	46	b. c.	Geneva	-	*	*	c. f.
Palermo	0.12	57	47	c. c.	Lugano	-	*	*	bc. 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. foggy, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

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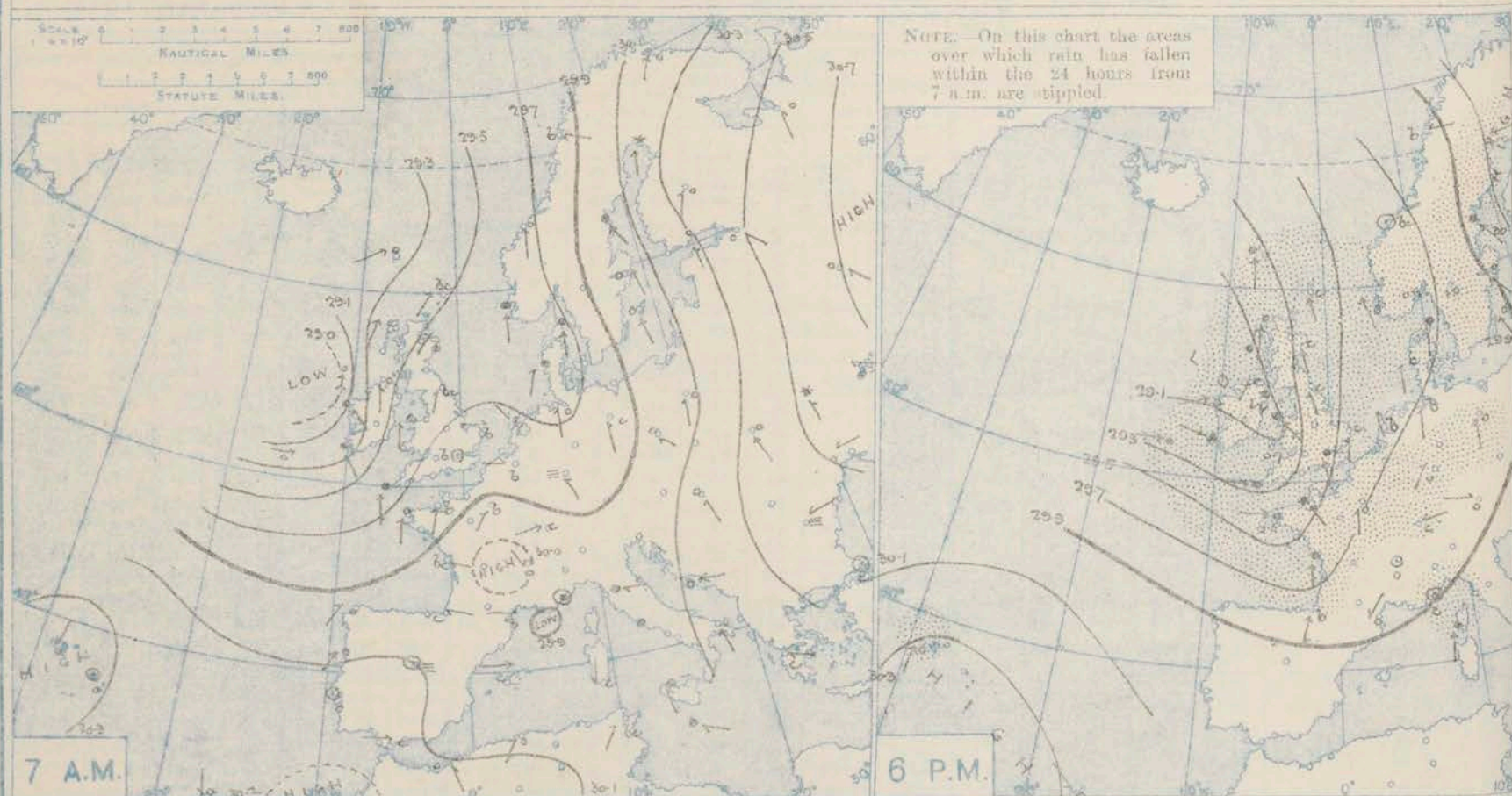


{ Saturday,  
9th December, 1911.

† Received too late for insertion in Charts.



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



## NOTES ON YESTERDAY'S WEATHER.

Yesterday's maximum temperatures over these stands ranged from 37° at Harrogate, and 39° at Dornum to 50° at Jersey. Rain fell everywhere, rather heavily in several localities. Felixstowe and Great Yarmouth had over

5 hours of bright sunshine, but as a rule there was little or none. As far west as the 17th meridian ships experienced S.W. to S.E. strong winds and gales, with dull to rainy weather. On many parts of our own coasts a gale to a strong gale from between S.E. & S. and S.W. was experienced.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SATURDAY TO NOON SUNDAY.

0 { a Wind between S.E. and S.W., strong  
b to a gale at times; squally, unsettled, some rain, fair intervals; cold to moderate temperature.

2 { a Wind mainly between W. and S.,  
b varying greatly in force, strong to a gale at times in places; squally.

4 { a unsettled, some rain, fair or fine  
b intervals; cold to moderate temperature.

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	South Coast
North Coast	North Coast

6 { a  
b

7 { a  
b

8 { a  
b

9 { a  
b

10 { a  
b

Same as Nos. 2 to 5.

### 11 WESTERN CHANNEL AND BAY.

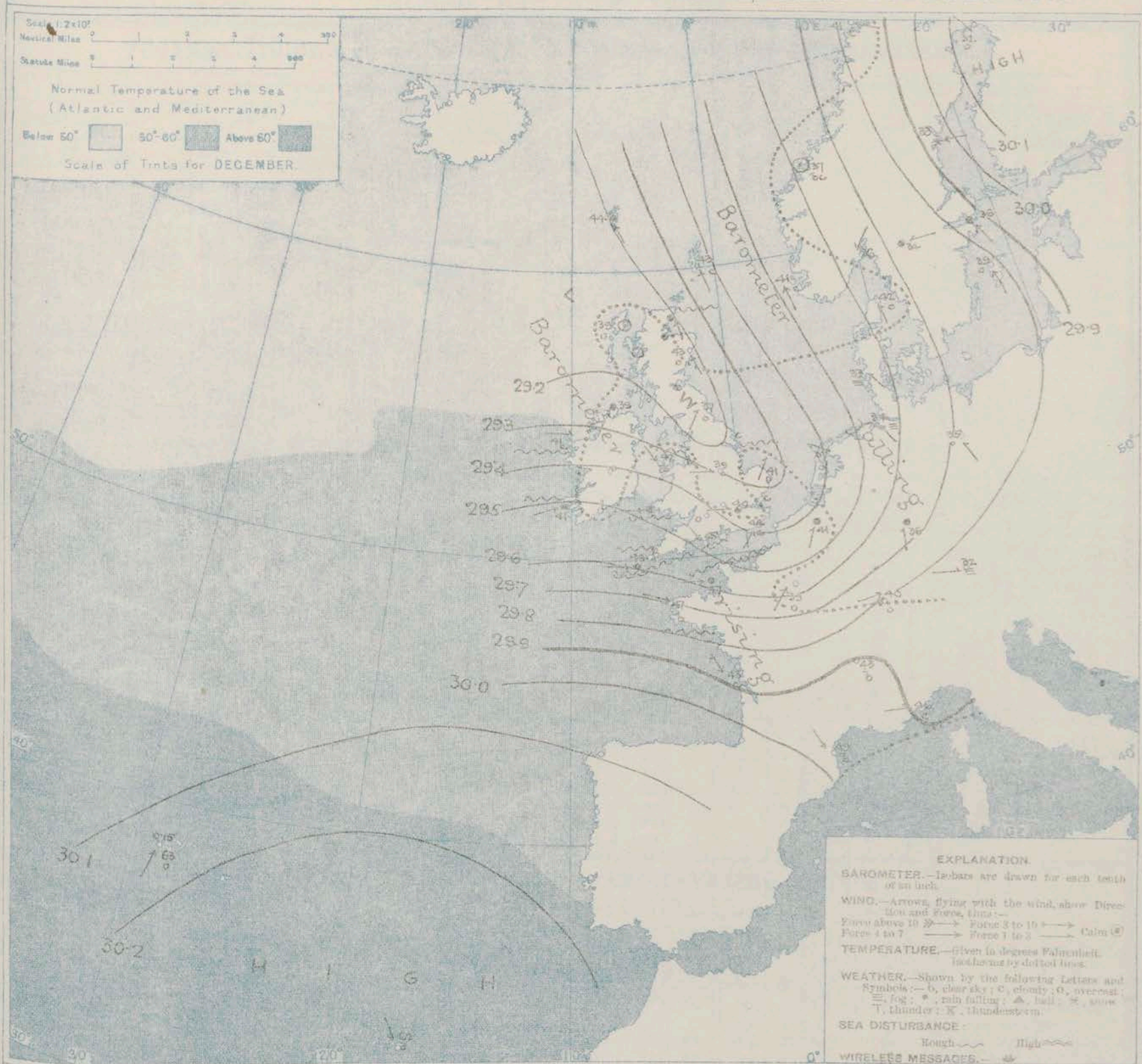
S.W. and S.W. winds, strong to a gale, moderating later; rough sea and swell; squally, changeable, some rain, mist or fog, fair intervals; cold.

### THE FURTHER OUTLOOK.

Unsettled conditions continuing.



# SYNOPTIC CHART FOR 7 A.M. SATURDAY, 9<sup>TH</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure is still highest, above 30.1 in., at the Azores and in Iceland. Between these extremes an extensive low pressure area occupies western Europe and the upper regions of the Atlantic, the barometer being below 29.2 in. in the north of Scotland. The gradient is moderate to slight.

Southerly to Easterly winds prevail over the North Sea and the countries beyond. Southerly to Westerly over the British Isles, and Westerly to North-Westerly on the Bay of Biscay. The force varies greatly, ranging up to strong or high on our south-western and southern coasts and locally in Scandinavia, a gale on the Bay.

At the home stations temperature ranges from 34.4° at Seix to 47° at Jersey; on the Continent from 32° at Munich to 42° at Perpignan, in Scandinavia from 32° at Haparanda to 41° at Bodø and Skudesnæs. Cloudy to dull weather prevails extensively, rain falling at many of the home and foreign stations, snow at Hemsö and. A rough or high sea is running in many parts of our own and the French coasts.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

Although the barometer is now rising generally the wind on our western coasts does not veer, indicating the existence

of another disturbance out on the Atlantic, and the unsettled type of conditions is therefore likely to be maintained.



## DAILY WEATHER REPORT.

Saturday, 9th December, 1911.

## 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.
8th Dec. 3 p.m.	51	12	29.93	W	8-9	<i>Imperial</i> <i>Empress of Britain</i> <i>Oceanic</i>	8th Dec. 6 p.m.	51	13	29.95	W	8-9	r	-	-	-
do. 10 a.m.	55	9	28.90	S	8-9		do. 1 p.m.	55	8	28.95	S	8-9	o	-	-	-
do. 11 a.m.	51	13	29.14	SE	6-7		do. 7 a.m.	51	15	29.15	W	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.	46	30		0.3	0.01
Dublin (City), to 4 p.m.	46	35	b. c. o. r.	*	0.14	Seaford, to 6 p.m.	47	30	b. c. o. r.	0.9	0.02
Blackpool, to 9 p.m.	40	32	c. o. r.	0.1	0.45	Eastbourne, to 6 p.m.	45	31	*	0.6	-
Southport, to 9 p.m.	40	32	b. c. o. r.	0.5	0.21	Bexhill-on-Sea, to 9 p.m.	47	33	b. c. o. r.	1.7	0.04
Rhyl, to 6 p.m.	41	33	r. b. o. r.	0.5	0.03	Hastings ...	*	*	*	2.1	*
Colwyn Bay, to 6 p.m.	42	38	b. c. o. r.	0.0	0.32	Folkestone, to 6 p.m.	47	34	o. b. c. o.	3.0	-
Llandudno, to 9 p.m.	42	36	b. c. o. r.	0.0	0.12	Deal, to 6 p.m.	45	32	b. c. o. r.	3.3	-
Bettws-y-Coed, to 6 p.m.					*	Ramsgate, to 6 p.m.	*	*	*	3.9	0.06
Aberystwyth, to 6 p.m.	44	37	*	0.2	0.04	Margate, to 6 p.m.	45	33	b. o.	3.2	0.01
Plymouth, to 9 p.m.	43	34	b. c. o. r.	0.0	0.39	Felixstowe, to 6 p.m.	44	32	*	5.2	0.01
Paignton, to 6 p.m.	47	30	b. c. o. r.	0.0	0.68	Lowestoft, to 6 p.m.	44	31	o. c. b. o. p.	4.8	0.02
Torquay, to 6 p.m.	43	34	*	0.0	0.52	Skegness, to 6 p.m.	41	39	b. c.	4.0	-
Teignmouth, to 9 p.m.	43	33	b. o. r.	0.0	0.39	Scarborough, to 9 p.m.	40	33	c.	4.5	-
Weymouth, to 6 p.m.	47	32	b. o. r.	0.0	0.31	Harrogate, to 6 p.m.	37	32	b. c. o. p.	0.5	-
Bournemouth, to 6 p.m.	47	30	o. c. d. r.	0.1	0.13	Buxton, to 6 p.m.	40	29	b. c. o. r.	0.0	0.17
Southsea, to 6 p.m.	46	31	*	0.0	0.30	Darwen, to 9 p.m.	39	32	b. c. o. r.	0.0	0.59
Worthing, to 6 p.m.	46	28	c.	0.8	0.07	Manchester, to 9 p.m.					
						Birmingham, to 9 p.m.	40	32	b. c. o. r.	1.1	0.22

## 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.				9th. 10th. & 11th. 1911.	Sunrise	Noon	Sunset
24 HOURS ENDED AT 9 A.M. TO-DAY.					In.	Hrs.	G.M.T.	G.M.T.	G.M.T.		
Greenwich (Royal Obs.) ...	76	93	43	34	b. o. r.	0.24	2.4	Yarmouth ...	7.58	11.45	3.56
City (Sunhill Row) ...	*	*	*	*	*	*	0.0		7.54	11.46	3.57
Westminster (St. James's Pk.)	75	93	45	35	m. r.	0.24	0.8	Greenwich ...	7.55	11.52	3.50
Camden Sq. (Brit. Rainfall)	80	95	43	33	b. c. o. r.	0.23	0.0		7.56	11.53	3.50
Hampstead (Reservoir) ...	*	97	42	37	o. m. o.	0.20	0.8	Wick ...	8.52	12.4	3.17
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Valencia... ..	8.53	12.5	3.17
South Kensington ...	4	9	44	33	m. o. o. p. v. r. g.	Trace	1.2		8.57	12.33	4.28
" " (Roof of M.O.)	72	88	44	34					*	8.40	12.30

## 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	-	59	50	c. c.	Rome	0.12	59	54	c. r.
Marseilles	0.59	59	48	o. b. c.	Vienna	-	57	34	o. c.
Malta	-	67	62	r.	Utrecht	0.16	43	37	r. c.
Algiers	0.20	63	54	r. c.	Zürich	-	*	*	m. o.
Tunis	-	63	45	b. c. b. c.	Geneva	0.63	*	*	r. o.
Palermo	0.08	66	52	o. r.	Lugano	0.43	*	*	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; w. wind; 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.



1911.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
10th December, 1911.

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).	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	29.29	44	SE	7	cp		29.27	43	0	SSE	6	bc	3	0.20	45	38	1.1	cp	bc	cp				
Stornoway	29.22	35	NW	1	bc		29.14	28	-1	SW	3	c	3	0.09	42	32	1.1	cp	bc	cp				
Castlebay (Barra Isd.)	29.24	43	WSW	4	c		29.09	40	-3	NE	1	bc	2	0.06	44	36	1.9	cp.c	cp.c	bc.bc				
Malin Head	29.24	38	SW	6	g.h.pq		29.06	38	-1	SE	8	c	4	0.05	42	36		or	or	cm				
Blacksod Point	29.29	43	SSW	6	m		29.02	42	+1	NNE	3	m	3	0.26	44	37		cmg	cmg	cm				
Valencia	29.40	43	SW	3	bc		29.00	46	+5	S	1	r	4	0.76	48	39	0.8	bc	bc	cd.r				
Roche's Point	29.47	45	W	3	c		28.93	45	+6	SW	5	r	5	0.52	48	38		b	bc.c	cp.or				
Birr Castle	29.38	40	S	3	r		28.99	42	+7	S	1	r	4	0.25	43	34	3.8	o	cp	or				
Donaghadee	29.40	38	SSW	3	bc		29.13	43	+6	S	2	r	2	Trace	44	34		bc	cp	cp				
Liverpool Obsy.	29.53	38	SW	3	b		29.23	43	+2	SE	3	o	3	0.07	43	38	5.6	b	b	or				
Holyhead	29.48	44	SW	5	o		29.11	47	+5	S	5	r	4	0.81	48	41		bc	rgm	cm				
Pembroke (St. Ann's Hd.)	29.57	47	SW	5	c		28.97	47	+3	SE	7	gmg	6	0.24	50	43	2.9	cp	cp	cp				
Newquay	29.58	44	SSE	3	b		28.97	51	+8	SSW	6	gmg	5	0.24	51	41	2.5	bc	bc	bc.or				
Scilly (St. Mary's)	29.07	49	WSW	4	cmg		28.87	52	+8	SSW	7	cmg	6	0.46	52	43	2.5	cmg	cmg	cmg				
Jersey (St. Aubin)	29.31	47	SW	5	cmg		29.42	48	+1	S	6	gmg	5	0.21	51	43	3.8	or	cpm	cmg				
Portland Bill	29.68	49	WSW	5	bc		29.30	49	+4	S	8	r	6	0.04	49	45	5.4	bc	bc	or				
Dungeness	29.69	44	WSW	4	c		29.34	49	+4	SW	5	o	4	0.07	48	40	4.1	bc	c	chg.o				
Dover	29.72	40	W	3	o		29.56	45	+5	S	6	r	6	0.03	46	38	4.0	c. or	b. bc	or				
Wick	29.24	37	WSW	2	m		29.18	42	-1	SW	5	m	5	0.43	44	34		or	or	bc.or				
Nairn	29.25	35	W	1	b		29.17	36	0	-	o	bc	1	-	37	29	0.0	o	b	or				
Aberdeen	29.32	37	SW	2	b		29.25	41	-2	SSE	4	r	3	0.29	43	33	0.0	cp.c	cp.c	b.or				
Leith	29.40	38	WSW	2	b		29.25	39	+5	SSE	1	o	o	0.04	41	38		cp.c	bc	b				
North Shields	29.44	40	SW	2	c		29.29	39	+2	S	2	r	2	0.07	42	34	1.4	c	c	r				
Spurn Head	29.55	38	SW	5	bc		29.38	43	+3	SSE	7	or	6	Trace	43	37		c	c	bc.c				
Yarmouth	29.62	38	WSW	2	b		29.56	43	+2	S	4	o	4	0.02	43	36	1.0	b. bc	b	bc.m				
Clacton-on-Sea	29.66	40	SSW	3	b		29.34	44	+3	SSE	4	o	3	0.08	45	38	3.4	cp.c	bc	b. bc				
Nottingham	29.58	37	W	2	b		29.39	45	+6	S	4	o	4	Trace	45	35	4.7	c. bc	bc. b	b				
Bath	29.66	43	SW	1	o		29.24	48	+7	SE	5	r	4	0.16	49	39	3.4	-	-	-				
Oxford	29.69	39	SW	4	c		29.33	47	+8	SSE	6	r	5	0.04	47	37		c. bc. b	b	bc.m				
London (Kew Obsy.)	29.70	39	SSW	2	b		29.46	47	+7	SE	5	or	4	0.06	47	37	5.3	or. bc. b	b	b. bc				
Isafjord																								
Reykjavik																								
Seydisfjord																								
Thorshavn	29.20	42	SSE	5	o		29.14	35	-9	SSE	1	c	1											
Haparanda	30.13	27	S	2	o		30.05	24	-8	S	2	o	1	0.16	32	23								
Hernösand	29.92	32	E	4	o		29.86	37	+4	SE	4	o	1	0.22	37	32								
Stockholm	29.85	40	S	2	o		29.86	39	+2	SE	2	o	1	0.24	41	36								
Wisby	29.85	41	SSE	2	o		29.85	40	+1	SSE	2	o	1	0.03	41	34								
Karlstad	29.78	36	-	0	f		29.79	36	+2	SE	2	r	1	0.08	36	32								
Færder (Xtina Fjord)																								
Bodö	29.83	36	ESE	6	c		29.77	33	-5	E	3	b	1	-	41	32								
Christiansund	29.62	37	-	0	b		29.54	38	+1	ESE	2	c	2	-	39	34								
Skudenes	29.50	43	SE	6	o		29.53	41	0	SE	6	c	4	0.03	59	39								
The Scaw (Skagen)	29.68	42	S	4	o		29.66	42	0	SSW	5	o	1	0.04	42	39								
Blaavands Huk	29.54	39	SSE	3	m		29.71	41	+8	WSW	2	c	2	0.08	41	32								
Cuxhaven	29.60	38	S	3	o		29.82	36	+2	S	3	o	1	0.04	41	34								
The Helder																								
Brussels	29.82	28	SW	4	b		29.79	35	0	SSW	5	o	1	0.23	41	34								
Berlin	29.80	27	S	1	b		29.99	35	0	SW	2	bc	1	-	43	34								
Frankfurt	29.91	40	SW	4	b		29.98	38	+2	SSW	2	o	1	0.08	45	34								
Munich	30.02	38	SW	4	o		30.17	32	0	SW	3	b	1	0.03	41	28								
C. Gris Nez	29.74	45	WSW	6	bc		29.63	42	-3	SSE	5	o	1	0.28	46	41								
La Hève	29.84	39	W	5	r		29.65	43	+2	SSE	5	r	5	0.20	43	39								
Brest (St. Mathieu)	29.85	47	WSW	4	c		29.23	51	+4	SSW	8	f	8	0.29	54	47								
Lorient (Bec Melen)																								
Rochefort (Ile d'Aix)	30.02	49	SW	4	c		29.76	46	+1	SSW	6	r	4	0.16	52	45								
Biarritz	30.19	52	WSW	3	b		29.88	53	+3	SSW	3	c	6	0.16	52	46								
Paris	29.91	39	SW	3	b		29.82	43	+4	S	3	o	1	0.04	46	38								
Belfort	30.02	36	WSW	5	o		30.08	36	-4	ESE	3	c	1	-	42	33								
Lyons	30.18	39	SW	2	b		30.12	33	-10	S	1	c	1	-	47	32								
Nice	29.94	45	W	5	b		30.04	43	-1	E	5	b	3	-	55	36								
Perpignan																								
Sanguinaire																								
Corunna	30.22	54	SSW	1	bc		29.63	56	+7	SSE	7	r	3	0.12	59	49								
Lisbon (8 a.m. local)	30.23	53	-	0	o		30.07	58	+6	SW	5	o	6	-	57	52								
Gibraltar	30.13	52	NW	3	b		30.14	52	-7	NW	3	o	4	-	54	50								
Azores (P. Delgada)																								
Azores (Horta)	30.00	61	SW	5	o		30.14	59	-2	NNW	4	o	4	0.16	64	59								
Madeira (Funchal)	29.96	63	NNE	4	r		30.19	57	-6	N	3	o	4	0.23	64	57								
	30.27	64	NW	2	o		30.22	61	-1	NW	2	o	2	-	66	50								

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS

7 a.m. 10th, squalls force 8.

do do. Gale just commenced

Selly.

Portland.

\* Information for these columns not usually received.

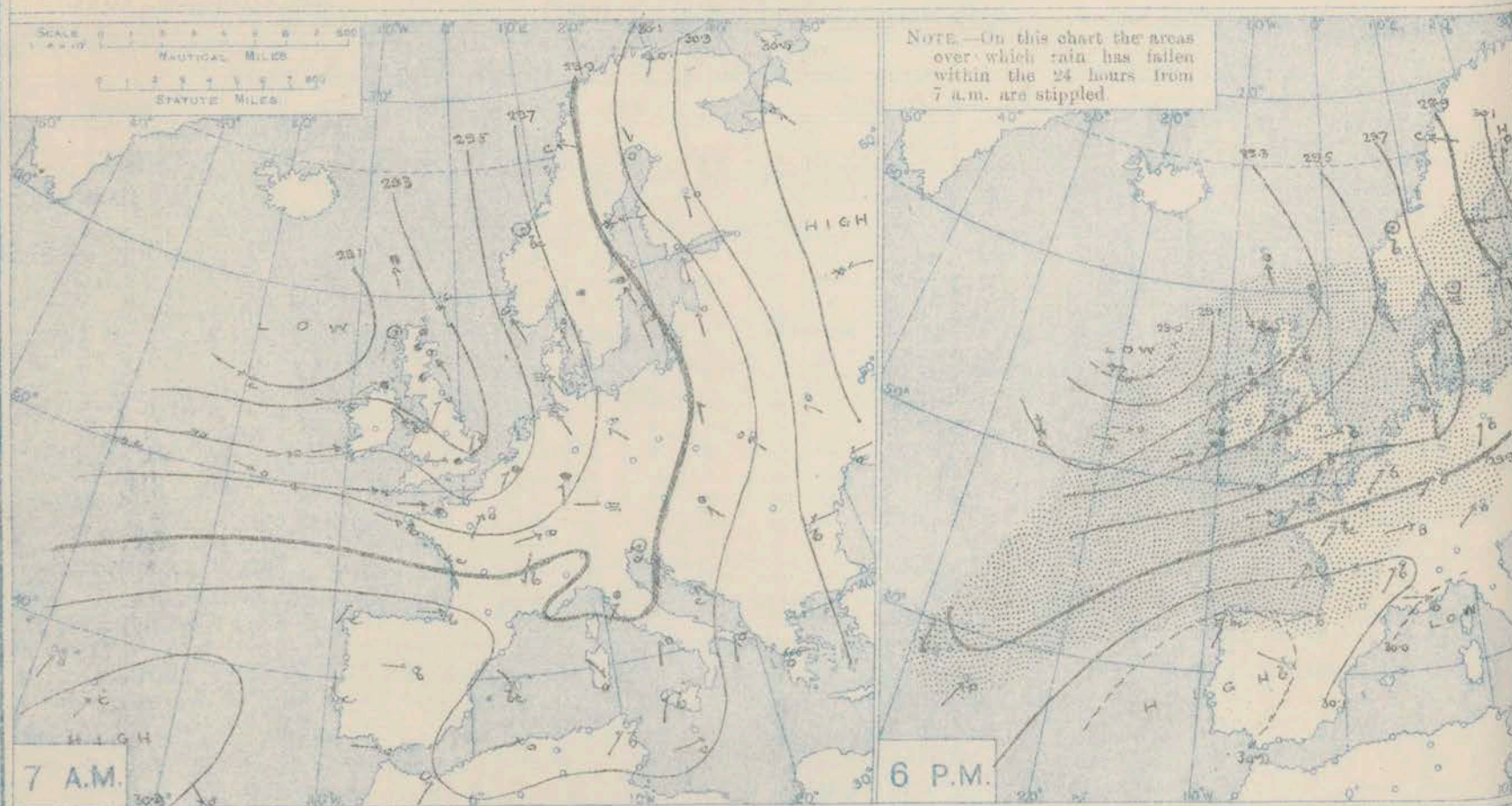
† Received too late for insertion in Charts.

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS

Tam 10th, squalls force 6.  
do do. Gale just commenced.Scilly.  
Portland.



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



## NOTES ON YESTERDAY'S WEATHER.

The maximum temperatures recorded yesterday were below 45° in most parts of our north and east districts, and below 40° at some of the northern stations both in England and Scotland. The amount of bright sunshine was generally large, but little or none was recorded in the east of Scotland. Rain again fell in nearly all

districts, heavily in Wales and the South of Ireland. Wireless reports show that as far west as the 24th meridian ships experienced strong winds or gales from W. or S.W., 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	Signals hoisted this morning
South Coast	South Coast
North Coast	North Coast

6 { a  
b

7 { a  
b

8 { a  
b

9 { a  
b

10 { a  
b

11 WESTERN CHANNEL AND BAY.

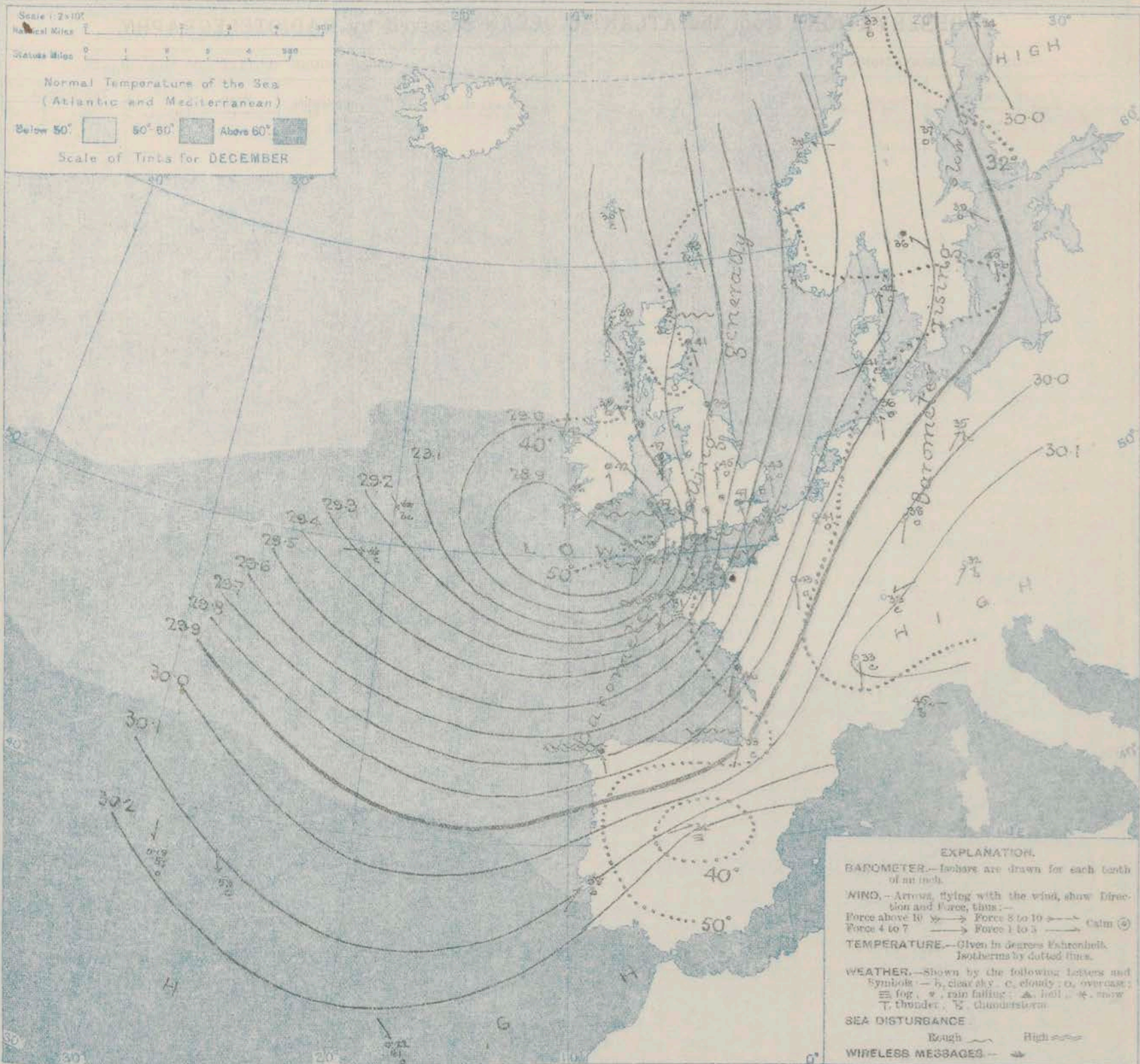
THE FURTHER OUTLOOK.

*Done issued.*

*Done issued.*



# SYNOPTIC CHART FOR 7 A.M. SUNDAY, 10<sup>th</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

A deep depression in which readings are below 28.9 in has appeared suddenly off our extreme southwest coasts, and over the channel, the Bay of Biscay, and all neighbouring parts of the Atlantic the barometric gradient has become very steep. Pressure is highest over Madeira and the Azores, but is also high over Northern Russia.

S<sup>W</sup> or S.E. winds prevail over Western Europe generally, and blow with the force of a gale in the Western Channel and Bay. In the north of Ireland and the Southern Hebrides the wind is light from between S.E. and N.E. Temperature has

risen rather decidedly over Ireland, England and the neighbouring parts of the Continent. At the Channel stations the morning readings range between 48° and 52°, but in many parts of North Britain the thermometer is below 40°. The Continental values range from a little above 55° on the Portuguese coast to only a trifle above the freezing point in the central parts of France and Spain, and to considerably below that level in Lapland. Rain is falling over nearly the whole of the United Kingdom as well as in some neighbouring parts of the Continent, but in Germany, the south of France and the west of Norway the weather is fine. The sea is rough on our south-west, north and east coasts, and rather rough off Caithness.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.



## DAILY WEATHER REPORT.

Sunday, 10th December, 1911.

## 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.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air.		Sea.	
														Dry Bulb.	Wet Bulb.		
	*	*	In.					*	*	In.				*	*	*	
10th Dec. 4 a.m.	49	21	29.27	W	4-5	<u>Ascania</u>	10th Dec. 7 a.m.	49	20	29.25	W	4-5	c	-	-	-	-
9th Dec. 3 p.m.	51	18	29.29	W	6-7	<u>Sauvotie</u>	9th Dec. 6 p.m.	51	19	29.20	W	1-3	c	-	-	-	-
do. 3 p.m.	54	18	29.00	W	6-7	<u>Mongolian</u>	do. 6 p.m.	55	19	28.98	W	8-9	bc	-	-	-	-
do. 3 p.m.	50	25	29.84	W	4-5	<u>Cymric</u>	do. 6 p.m.	50	24	29.29	W	10-11	c	-	-	-	-
do. 3 p.m.	51	17	29.16	W	8-9	<u>Merion</u>	do. 6 p.m.	51	17	29.13	W	8-9	c	-	-	-	-
do. 3 p.m.	55	8	29.18	SW	6-7	<u>Hesperian</u>	do. 6 p.m.	55	9	29.13	SW	6-7	c	-	-	-	-
do. 3 p.m.	51	13	29.47	WSW	4-5	<u>Canada</u>	do. 6 p.m.	51	12	29.46	WSW	4-5	c	-	-	-	-
do. 4 a.m.	51	22	29.50	WSW	6-7	<u>Oceanic</u>	do. 7 a.m.	51	23	29.41	WSW	6-7	c	-	-	-	-
do. 4 a.m.	49	29	29.59	WSW	12	<u>Cymric</u>	do. 7 a.m.	50	28	29.51	W	6-7	c	-	-	-	-
do. 4 a.m.	55	17	29.13	WSW	6-7	<u>Mongolian</u>	do. 7 a.m.	55	19	29.58	WSW	8-9	c	-	-	-	-
do. 4 a.m.	50	18	29.65	W	6-7	<u>Canada</u>	do. 7 a.m.	50	17	29.58	WSW	4-5	c	-	-	-	-
do. 4 a.m.	51	14	29.44	W	8-9	<u>Merion</u>	do. 7 a.m.	51	15	29.39	WSW	6-7	c	-	-	-	-
do. 4 a.m.	51	15	29.47	WSW	6-7	<u>Sauvotie</u>	do. 7 a.m.	51	16	29.48	W	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.	41	35	bc. c. o			Seaford, to 6 p.m.	47	37	r. bc. b	5.0	0.34
Blackpool, to 9 p.m.	44	33	r. c	2.5	0.39	Eastbourne, to 6 p.m.			*		
Southport, to 9 p.m.	44	33	or. bc. o	2.6	0.33	Bexhill-on-Sea, to 9 p.m.	45	39	cd. o. b	4.3	0.28
Rhyl, to 6 p.m.	44	36	bc. r. o	4.8	0.30	Hastings	*	*	*	4.5	*
Colwyn Bay, to 6 p.m.	43	39	bc	4.7	0.20	Folkestone, to 6 p.m.	46	39	or. c. bc	3.9	0.08
Llandudno, to 9 p.m.	45	39	or. bc. o	4.6	0.22	Deal, to 6 p.m.	45	38	r. c. bc. b	3.6	0.18
Bettws-y-Coed, to 6 p.m.			*			Ramsgate, to 6 p.m.	*	*	*	1.4	0.14
Aberystwyth, to 6 p.m.	45	39	*	3.2	0.07	Margate, to 6 p.m.	44	36	r. b	1.4	0.14
Plymouth, to 9 p.m.	49	40	bc. or. g	4.4	0.10	Felixstowe, to 6 p.m.	45	35	*	3.0	0.11
Paignton, to 6 p.m.			*			Lowestoft, to 6 p.m.			*		
Torquay, to 6 p.m.	49	39	*	5.1	0.09	Skegness, to 6 p.m.	42	35	r. c. b	0.1	0.06
Teignmouth, to 9 p.m.	48	39	bp. c	4.7	0.10	Scarborough, to 9 p.m.	42	32	c. b	2.6	0.19
Weymouth, to 6 p.m.	47	38	p. c. bc. b	5.4	0.31	Harrogate, to 6 p.m.	39	32	rsp. c. bc	2.8	0.49
Bournemouth, to 6 p.m.	47	37	r. bc. c. d	6.0	0.56	Buxton, to 6 p.m.	38	30	-	2	0.95
Southsea, to 6 p.m.	47	38	*	6.1		Darwen, to 9 p.m.	40	32	otsu. ph. b	1.0	0.68
Worthing, to 6 p.m.	45	37	c. bc	4.8	?	Manchester, to 9 p.m.	43	35	op. c. bc	0.9	0.46
Carmarthen, to 6 p.m.	40	34	bc. o. b	1.4	0.10	Birmingham, to 9 p.m.	42	36	b	5.2	0.16

## 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.				10th Dec. 1911.	Sunrise	Noon	Sunset
24 HOURS ENDED AT 9 A.M. TO-DAY.											
Greenwich (Royal Obs.) ...	% 69	% 83	47	36	c. b. c. or o	In. 0.03	Hrs. 4.7	Yarmouth ... .. { 7.54 7.56 11.46 11.46 3.37 3.37	G.M.T. G.M.T.	G.M.T. G.M.T.	G.M.T. G.M.T.
City (Rushhill Row) ... ..	* *	* *	* *	* *	* *	* *	2.6				
Westminster (St. James's Pk.)	71	89	48	40	b.c. r	0.01	3.9				
Camden Sq. (Brit. Rainfall)	72	92	47	38	b.c. or	0.01	4.1				
Hampstead (Reservoir) ...	+	91	46	37	b.c. c. o. or	0.01	4.4				
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Wick ... .. { 8.53 8.54 12.5 12.5 3.17 3.16	G.M.T. G.M.T.	G.M.T. G.M.T.	G.M.T. G.M.T.
South Kensington ...	* 69	* 87	45 46	38 38	} or. o. b.c. b. b. b. }	0.21 *	} 4.3				
" " (Roof of M.O.)											

## 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.	66	57	c. bc	Rome	1.18	59	53	o. r
Marseilles	0.24	57	45	b. o	Vienna	-	43	39	o. o
Malta	0.04	67	60	b	Utrecht	-	45	34	bc. o
Algiers	-	61	54	r. o	Zürich	-	*	4	o. r
Tunis	-	63	45	b. b	Geneva	0.16	*	*	b. r
Palermo	0.16	62	50	b. b	Lugano	0.83	*	*	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. 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.



1911.

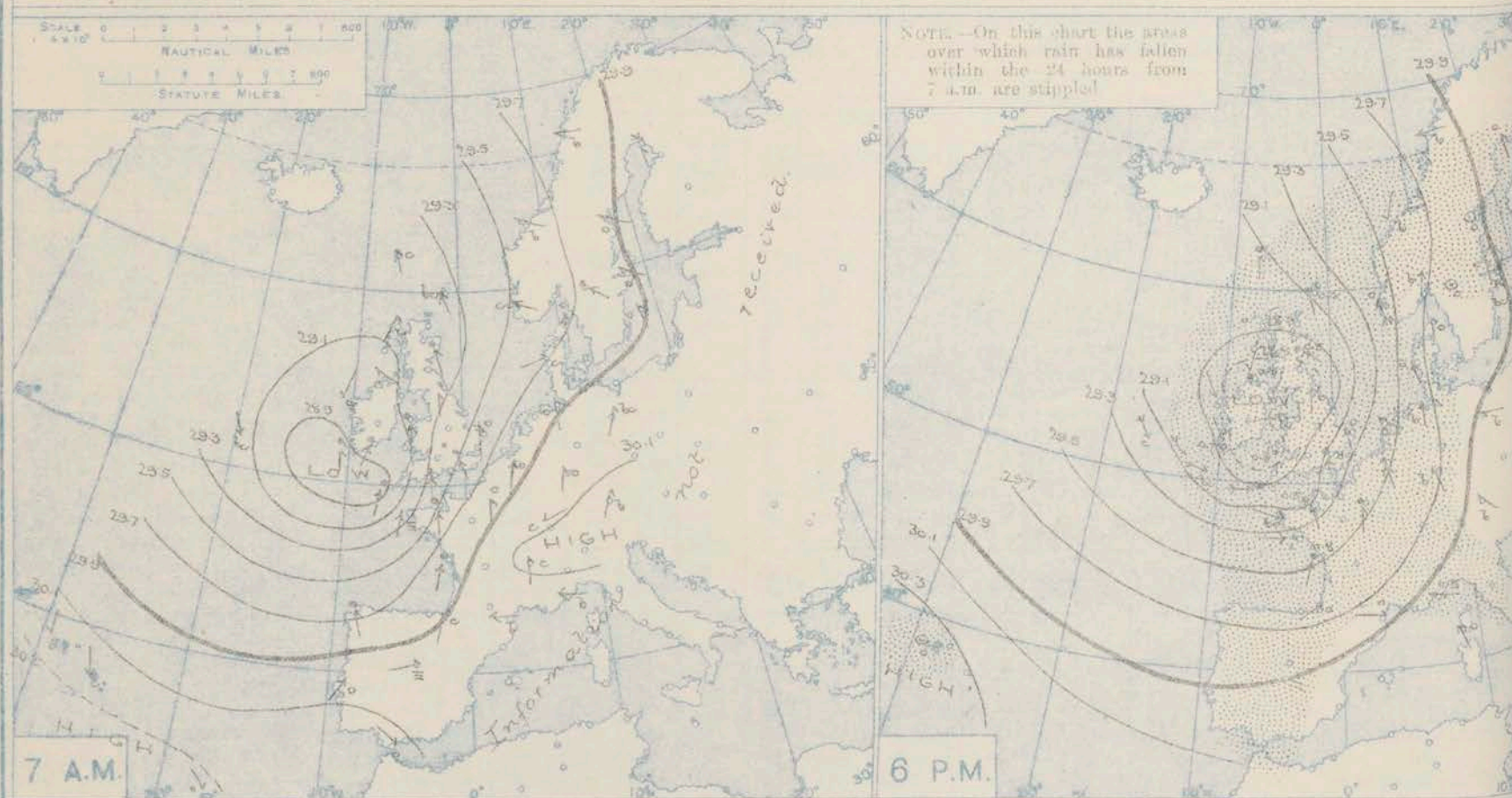
## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,  
11th December, 1911.

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 8 <sup>h</sup> Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 8 <sup>h</sup> Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Weather.			Max.	Min.		Morn'g. 7 a.m. to 1 p.m.	After'n 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.			
BRITISH ISLANDS.																							
Lerwick	29.12	40	SSE	4	0	28.87	-0.02	44	+1	SE	6	r	6	0.61	46	41	0.0	clgy	or	or			
Stornoway	28.97	39	ESE	3	0	28.70	-0.01	43	+3	N	4	r	4	0.27	43	34	0.0	c.c.c	c.c.	op			
Castlebay (Barra Isd.)	28.97	43	NNW	3	0	28.79	+0.01	43	+3	NW	4	op	4	0.29	44	40	0.0	b.c.p.	o	or. op			
Malin Head	28.73	40	NE	2	or.m	28.82	+0.04	44	+6	NW	5	op	4	0.75	44	37	0.0	or.m	or.m	or.m			
Blacksod Point	28.87	43	NNW	5	0	29.03	+0.01	43	+1	NNW	5	0	4	0.26	44	40	0.0	or.m	or.m	b.c.p.			
Valencia	28.94	44	NNW	6	0	29.21	+0.05	45	-1	W	6	bc	6	0.66	47	39	0.2	or.m	or.m	clgy			
Roche's Point	28.76	41	W	7	0	29.19	*	41	-4	W	4	bc	5	0.24	48	39	0.0	clgy	clgy	clgy			
Birt Castle	28.78	39	W	3	r	29.02	*	38	-4	W	2	0	0	0.45	45	35	0.0	or	or	o			
Donaghadee	28.77	43	NE	1	0	28.85	+0.05	41	-2	W	4	c	3	0.66	46	41	0.0	or.m	or.m	o.c.g			
Liverpool Obsy.	28.66	46	SSE	4	0	28.64	+0.13	42	-1	W	7	r	6	0.27	50	37	0.9	or	bc	or			
Holyhead	28.89	46	WSW	3	or.m	28.94	+0.06	43	-4	W	6	c	5	1.21	47	40	0.0	r.c.m	r.c.m	c			
Pembroke (St. Ann's Hd.)	28.74	46	SW	6	0	29.11	+0.01	45	-2	W	7	op	6	0.50	50	40	0.7	r.c.m	clgy	op			
Newquay	28.93	45	SW	8	bc	29.23	*	46	-5	W	8	c	5	0.21	52	42	1.3	clgy	clgy	or			
Scilly (St. Mary's)	28.96	45	W	3	or.m	29.28	+0.08	46	-6	NW	6	bc	7	0.12	52	43	1.6	clgy	clgy	or			
Jersey (St. Aubin)	29.08	50	SSE	6	or.m	29.34	*	48	0	W	6	clgy	4	0.50	53	42	0.0	clgy	clgy	clgy			
Portland Bill	28.98	51	SW	5	r	29.18	+0.07	46	-1	W	8	c	6	0.37	53	45	0.0	or	clgy	clgy			
Dungeness	29.13	48	S	9	r	29.12	+0.09	47	-1	SSW	7	c	6	0.65	49	45	0.0	or	or	or			
Dover	29.18	45	S	7	r	29.11	*	44	-1	SW	6	bc	5	0.32	48	44	0.0	or	or	or			
Wick	28.95	45	SE	3	r	28.64	-0.03	45	+3	SSE	5	0	5	0.29	46	40	0.0	or	or	or			
Nairn	28.66	40	ESE	1	0	28.67	*	32	-4	-	0	0	1	0.25	40	32	0.0	0	or	or			
Aberdeen	28.87	44	SE	6	r	28.65	-0.06	43	+2	ESE	4	r	2	0.54	47	40	0.0	0	or	or			
Leith	28.80	42	ESE	1	r	28.69	-0.03	39	0	WSW	2	r	*	0.13	44	39	0.0	0	or	or			
North Shields	28.73	46	S	6	0	28.64	-0.03	45	+6	SSW	3	c	4	0.37	49	37	0.0	r	r	o			
Spurn Head	28.96	46	SSE	5	0	28.96	-0.01	44	+1	SW	4	bc	4	0.45	46	42	0.0	or	op	or			
Yarmouth	29.20	46	SSE	7	0	29.08	+0.06	43	-1	SW	6	bc	5	0.32	46	43	0.0	or	op	or			
Clacton-on-Sea	29.18	46	SSE	7	0	28.87	*	42	-3	WSW	5	r	*	0.43	51	38	0.0	or	or	or			
Nottingham	28.96	43	S	4	bc	29.14	*	44	-4	W	6	0	*	0.43	53	42	0.0	-	-	-			
Bath	28.96	49	E	3	0	29.13	*	42	-5	SW	6	bc	*	0.29	50	42	0.0	or	or	or			
Oxford	28.92	48	S	6	r	29.13	*	42	-5	SW	6	bc	*	0.41	48	43	0.0	or	or	or			
London (Kew Obsy.)	29.05	45	SSE	4	or	29.11	+0.10	43	-4	WSW	6	0	*	0.41	48	43	0.0	or	or	or			
ICELAND & FAEROE.																							
Isafjord	29.10	37	S	3	r	28.83	-0.05	45	+10	E	5	0	*	*	*	*	*	*	*	*			
Reykjavik	29.10	37	S	3	r	28.83	-0.05	45	+10	E	5	0	*	*	*	*	*	*	*	*			
Seydisfjord	29.10	37	S	3	r	28.83	-0.05	45	+10	E	5	0	*	*	*	*	*	*	*	*			
Thorshavn	29.10	37	S	3	r	28.83	-0.05	45	+10	E	5	0	*	*	*	*	*	*	*	*			
SCANDINAVIA.																							
Haparanda	30.03	44	S	2	0	29.97	-0.01	21	-3	ESE	2	bc	*	0.04	37	32	0.0	or	or	or			
Hernösand	29.29	36	-	0	0	29.22	-0.00	35	-2	ESE	4	f	*	0.04	37	32	0.0	or	or	or			
Stockholm	29.28	39	-	0	0	29.86	-0.00	36	-3	-	0	0	*	0.04	41	34	0.0	or	or	or			
Wisby	29.29	40	SSE	2	bc	29.88	-0.01	34	-6	SSE	2	bc	*	0.04	43	32	0.0	or	or	or			
Karlstad	29.21	38	-	0	0	29.81	-0.00	35	-1	-	0	0	*	0.04	37	34	0.0	or	or	or			
Färder (X'tania Fjord)	29.75	41	SW	4	bc	29.64	-0.04	37	SE	6	0	3	3	0.04	41	36	0.0	or	or	or			
Bodö	29.74	33	E	4	bc	29.63	-0.02	35	+2	E	3	bc	1	0.04	41	36	0.0	or	or	or			
Christiansund	29.74	33	E	4	bc	29.63	-0.02	35	+2	E	3	bc	1	0.04	41	36	0.0	or	or	or			
Skudesnaes	29.47	43	SSE	8	0	29.19	-0.08	44	+3	ESE	9	0	7	0.04	44	41	0.0	or	or	or			
The Scaw (Skagen)	29.76	40	S	3	0	29.59	-0.05	41	-1	SE	8	0	3	0.04	44	41	0.0	or	or	or			
Blaavands Huk	29.60	39	SSE	5	m	29.31	-0.07	37	-4	SSE	7	r	4	0.08	41	34	0.0	or	or	or			
GERMANY, &c.																							
Cuxhaven	29.66	38	S	4	bc	29.35	-0.06	37	+1	S	6	r	*	0.16	41	36	0.0	or	or	or			
The Helder	29.40	42	SE	5	c	29.15	+0.01	44	SE	6	0	2	2	0.12	45	36	0.0	or	or	or			
Brussels	29.46	42	SSE	7	r	29.30	+0.04	44	SE	4	0	*	*	0.12	46	40	0.0	or	or	or			
Berlin	29.91	35	S	2	bc	29.66	-0.08	32	-3	SE	2	bc	*	0.12	45	37	0.0	or	or	or			
Frankfurt	29.69	39	SSE	1	bc	29.47	-0.07	39	+1	-	0	r	*	0.12	45	37	0.0	or	or	or			
Munich	29.91	30	SE	2	bc	29.63	-0.05	31	-1	SE	2	0	*	0.12	45	37	0.0	or	or	or			
FRANCE.																							
C. Gris Nez	29.28	44	SSE	6	c	29.19	+0.04	46	+4	WSW	7	c	6	0.47	46	42	0.0	or	or	or			
La Hève	29.23	45	S	6	r	29.36	*	41	-2	SW	6	0	6	0.24	46	37	0.0	or	or	or			
Brest (St. Mathieu)	29.19	49	WSW	7	bc	29.43	+0.06	47	-4	WSW	7	c	7	0.24	55	43	0.0	or	or	or			
Lorient (Bec Melen)	29.21	49	WSW	6	r	29.28	*	46	WSW	6	r	*	*	0.43	52	45	0.0	or	or	or			
Rochefort (St. d'Alx)	29.41	52	SW	7	r	29.58	*	50	+4	WSW	8	r	8	0.32	56	48	0.0	or	or	or			
Biarritz	29.61	56	SW	6	0	29.80	*	50	-3	SW	6	r	6	0.32	56	48	0.0	or	or	or			
Paris	29.44	44	S	4	r	29.47	+0.03	43	0	SW	3	0	*	0.35	48	41	0.0	or	or	or			
Belfort	29.44	44	S	4	r	29.47	+0.03	43	0	SW	3	0	*	0.35	48	41	0.0	or	or	or			
Lyons	29.74	46	S	2	0	29.36	*	48	+15	W	1	r	*	0.01	52	43	0.0	or	or	or			
Nice	29.98	46	E	2	r	29.73	-0.03	46	+1	-	0	r	3	0.63	52	41	0.0	or	or	or			
Perpignan	29.76	45	W	1	0	29.65	+0.10	50	+5	WSW	3	0	*	0.63	52	41	0.0	or	or	or			
Sanguinaire	30.06	51	SSE	5	0	29.84	*	56	SW	6	r	6	6	0.63	55	45	0.0	or	or	or			
SPAIN, &c.																							
Corunna	30.06	56	W	4	0	30.04	*	54	+2	W	3	bc	*	0.30	64	54	0.0						



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



## NOTES ON YESTERDAY'S WEATHER.

During yesterday or in the night gales were experienced on our south-west and south coasts, and also on the east and north-east coasts of Scotland. More than an inch of rain fell at Holyhead, between 0.5 in. and 1.0 in. in many other parts of the Kingdom,

and about 0.4 in. in London and Central England. In several parts of the country the temperature rose to about 50°. Scarcely any bright sunshine was reported.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

- 0 { a } Wind mainly between East and North, strong to moderate; rain or snow at times.
- 1 { b } Wind varying, then West or North West, fresh to moderate; changeable, some rain or sleet; moderate temperature.
- 2 { a } Wind mainly West, decreasing in force; some squalls and showers locally,
- 3 { b } but mostly fair; temperature falling, frost in places at night.
- 4 { a }
- 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 Coast	South Coast
North Coast	North Coast

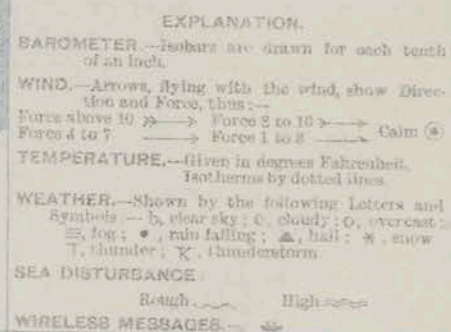
- 6 { a } Wind between North-West and East or South-East, strong to moderate, some squalls and showers, fair intervals; colder.
- 7 { b }
- 8 { a } Same as Dist. 2 to 5.
- 9 { b }
- 10 { a } Wind between North-West and South-West or South, fresh or strong at times; some squalls and showers, fair intervals, moderate temperature.
- 11 { b }

### THE FURTHER OUTLOOK.

- 11 WESTERN CHANNEL AND BAY. Westerly winds, strong to a gale, then moderating; sea high to rather rough; some squalls and showers, fair intervals.



DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

A deep depression, apparently with two minima, lies over Scotland and the north east of England; the lowest barometer readings reported being 28.6 in. at Wick and North Shields. To the north, eastward the readings increase to about 29.9 in. in Finland, and to the south, westward to 30.20 in. in the Azores. The gradient is steep or rather so over the North Sea region, England and the Channel.

The cyclonic circulation of the wind is well marked. The North-Westerly current on our north-west coast is fresh in force, but the Westerly wind prevalent

on the coast of Wales and the south coast of England is high to a gale, whilst strong to high southerly winds are reported on the Dutch and Danish coasts, and South-Easterly gales in the Skagerrack and on the north-west coast of Norway. Temperature is as low as  $32^{\circ}$  at Narvik, and a little below  $40^{\circ}$  at Birn Castle and Leith; over the United Kingdom generally, however, the readings are above  $42^{\circ}$ , and at some southern stations above  $45^{\circ}$ . Rain is falling in many parts of Scotland, the north-west and north of England, and showers prevail at Falmouth and Jersey. In other parts of these islands the weather is fair to cloudy. Much cloud is reported at the continental stations, with rain in some parts of France, at Frankfurt and beyond the North Sea.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression now centered over Scotland and the North East of England, seems likely to pass on to Scandinavia, but the general pressure distribution will

remain favourable for the passage of other instructing systems over, or in the immediate neighbourhood of, the United Kingdom.



## DAILY WEATHER REPORT.

Monday 11th December 1911.

## 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. 100 fms.
	Lat. N.	Long. W.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.	Dry Bulb.	Wet Bulb.	
			In.							In.							
11th Dec. 4 a.m.	51	12	29.29	NNW	6-7	<u>Cymric</u>	11th Dec. 7 a.m.	51	11	29.30	NNW	4-5	bc	-	-	-	-
10th Dec. 3 p.m.	51	17	29.21	NW	10-11	<u>do</u>	do. 6 p.m.	51	15	29.19	NW	10-11	c	-	-	-	-
do. 3 p.m.	51	16	28.97	W	8-9	<u>Minnewaska</u>	do. 6 p.m.	50	11	29.06	NNW	8-9	bc	-	-	-	-
do. 3 p.m.	51	10	28.89	NNW	8-9	<u>Susitania</u>	do. 6 p.m.	51	12	29.06	NW	8-9	o	-	-	-	-
do. 4 a.m.	51	21	29.15	NW	4-5	<u>Cymric</u>	do. 7 a.m.	51	19	29.15	NNW	6-5	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.	46	42	3. or g. c.	Hrs.	In.	Brighton, to 6 p.m.	50	43	*	Hrs.	In.
Dublin (City), to 4 p.m.	50	36	o. c.	0.0	0.42	Seaford, to 6 p.m.	48	39	od. or	0.0	0.16
Blackpool, to 9 p.m.	50	37	o. c.	0.7	0.39	Eastbourne, to 6 p.m.	47	39	bc. c. or	0.0	0.31
Southport, to 9 p.m.	50	38	o. c.	0.9	0.40	Bexhill-on-Sea, to 9 p.m.	47	39	bc. c. or	0.0	0.22
Rhyl, to 6 p.m.	51	41	o. c.	0.5	0.63	Folkestone, to 6 p.m.	46	36	or g. c.	0.0	0.11
Colwyn Bay, to 6 p.m.	51	46	op. o. or	0.0	0.50	Deal, to 6 p.m.	46	36	or g. c.	0.0	0.08
Llandudno, to 9 p.m.	52	41	*	0.0	0.10	Ramsgate, to 6 p.m.	46	44	or g. c.	0.0	0.11
Bettws-y-Coed, to 6 p.m.	52	42	bc. or bc.	0.7	1.22	Margate, to 6 p.m.	46	42	or o	0.0	0.12
Aberystwyth, to 6 p.m.	52	44	*	0.8	0.93	Felixstowe, to 6 p.m.	46	42	or o	0.0	0.10
Plymouth, to 9 p.m.	52	44	7. c. or g. c.	1.1	0.88	Lowestoft, to 6 p.m.	47	34	bc. or c.	0.0	0.25
Paignton, to 6 p.m.	53	45	r. o	0.0	0.43	Skegness, to 6 p.m.	50	36	or	0.0	0.43
Torquay, to 6 p.m.	53	45	od. or	0.0	0.65	Scarborough, to 9 p.m.					
Teignmouth, to 9 p.m.	53	45	or g.	0.0	0.59	Harrogate, to 6 p.m.					
Weymouth, to 6 p.m.	53	45	or g.	0.0	0.59	Buxton, to 6 p.m.					
Bournemouth, to 6 p.m.	53	45	or g.	0.0	0.59	Darwen, to 9 p.m.					
Southsea, to 6 p.m.	53	45	or g.	0.0	0.59	Manchester, to 9 p.m.					
Worthing, to 6 p.m.	53	45	or g.	0.0	0.59	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.				11th Dec. 1911.	Sunrise	Noon
	%	%								
Greenwich (Royal Observatory) ...	92	75	48	43	o. or. c.	0.42	0.0	7.56	11.46	3.37
City (Rushill Row) ...	92	75	48	43	o. or. c.	0.42	0.0	7.57	11.47	3.36
Westminster (St. James's Park) ...	93	77	50	40	r. bc	0.39	0.0	7.57	11.53	3.40
Camden Sq. (Brit. Rainfall) ...	93	77	49	42	or g. c.	0.43	0.0	7.58	11.56	3.44
Hampstead (Reservoir) ...	93	77	48	41	or. bc	0.41	0.0	7.58	11.56	3.44
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Wick ...	8.54	12.5
South Kensington ...	93	77	48	41	or. bc	0.41	0.0	8.55	12.6	3.4
" (Roof of M.O.) ...	93	77	48	41	or. bc	0.41	0.0	8.55	12.6	3.4
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Valencia ...	8.41	12.34
South Kensington ...	93	77	48	41	or. bc	0.41	0.0	8.42	12.35	4.27
" (Roof of M.O.) ...	93	77	48	41	or. bc	0.41	0.0	8.42	12.35	4.27

## 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. drily 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.



1911.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday  
12th December, 1911.

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. 46°.	Dry Bulb.	Dirac.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 46°.	Change since 4 a.m.	Dry Bulb.	Change since 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 ... ..	28.79	43	ESE	8	r	29.04	45	+1	S	5	bc	5	0.32	46	42	0.0	0.0	0.0				
	Stornoway ... ..	28.86	40	W	4	cp	29.10	41	-2	W	3	bc	3	0.31	44	39	0.0	0.0	0.0				
	Castlebay (Barra Isd.)	28.93	44	WNW	4	bc	29.16	47	+4	WSW	4	c	4	0.07	47	41	0.6	0.0	0.0				
	Malin Head ... ..	29.02	45	NW	6	cp	29.22	42	-2	SW	4	bc	3	0.25	45	41	0.0	0.0	0.0				
	Blacksod Point ... ..	29.16	45	WSW	6	o	29.21	49	+6	SSW	5	o	4	0.26	49	40	0.0	0.0	0.0				
	Valencia ... ..	29.37	45	WSW	4	o	29.38	48	+3	S	3	o	4	0.11	49	42	3.1	0.0	0.0				
	Roche's Point ... ..	29.39	41	W	3	b	29.45	47	+6	SW	3	b	4	0.08	47	40	0.0	0.0	0.0				
	Birr Castle ... ..	29.26	39	SW	2	o	29.35	40	+2	S	2	c	4	0.04	43	36	2.0	0.0	0.0				
	Donaghadee ... ..	29.12	39	W	3	b	29.35	37	-4	WNW	2	b	2	0.00	44	37	0.0	0.0	0.0				
	Liverpool Obsy. ... ..	29.24	41	WSW	4	bc	29.47	38	-4	S	3	bc	1	0.06	44	37	2.6	0.0	0.0				
	Holyhead ... ..	29.23	44	W	6	cm	29.43	43	+2	WSW	3	b	2	0.00	46	42	0.0	0.0	0.0				
	Pembroke (St. Ann's Hd.)	29.25	45	W	6	bc	29.49	44	+4	SW	5	cp	5	0.09	50	39	3.5	0.0	0.0				
	Newquay ... ..	29.44	45	W	6	bc	29.60	45	-1	SW	3	b	5	0.19	48	43	1.6	0.0	0.0				
	Scilly (St. Mary's) ... ..	29.45	47	W	7	cp	29.57	48	+2	W	4	cm	5	0.21	49	41	2.4	0.0	0.0				
	Jersey (St. Aubin) ... ..	29.56	45	W	6	cp	29.72	47	-1	SW	4	bc	3	0.52	50	43	0.0	0.0	0.0				
	Portland Bill ... ..	29.40	45	W	5	bc	29.60	49	+1	WSW	3	b	4	0.02	49	45	4.2	0.0	0.0				
	Dungeness ... ..	29.41	47	SSW	5	c	29.66	45	-2	SW	2	bc	2	0.00	48	40	1.8	0.0	0.0				
	Dover ... ..	29.47	43	SW	3	b	29.68	40	-4	W	3	b	3	0.00	47	38	2.4	0.0	0.0				
	Wick ... ..	28.75	38	W	2	c	29.15	41	-4	SW	4	bc	3	0.24	45	37	0.0	0.0	0.0				
	Nairn ... ..	28.84	40	W	3	c	29.14	38	+6	WSW	1	b	1	0.12	41	32	0.0	0.0	0.0				
	Aberdeen ... ..	28.89	41	WSW	5	b	29.27	40	-3	SSW	3	o	3	0.13	44	37	0.0	0.0	0.0				
Leith ... ..	29.04	42	WSW	3	o	29.35	43	+4	SW	4	o	4	0.09	44	38	0.0	0.0	0.0					
North Shields ... ..	29.08	43	SW	3	o	29.41	41	-4	-	0	o	3	0.10	49	35	0.0	0.0	0.0					
Spurn Head ... ..	29.25	43	SW	5	bc	29.53	38	-3	SW	4	cm	4	0.00	49	35	0.0	0.0	0.0					
Yarmouth ... ..	29.33	42	SW	3	b	29.60	34	-10	SW	1	bc	1	0.00	46	34	3.1	0.0	0.0					
Clacton-on-Sea ... ..	29.37	43	SW	4	bc	29.64	37	-6	WSW	2	b	2	0.01	48	36	1.6	0.0	0.0					
Nottingham ... ..	29.30	39	WSW	3	b	29.56	36	-6	SW	1	c	4	0.01	48	34	4.1	0.0	0.0					
Bath ... ..	29.41	42	SW	2	r	29.62	40	-4	-	0	o	4	0.17	47	38	2.7	0.0	0.0					
Oxford ... ..	29.45	39	SW	4	b	29.65	38	-4	SSW	2	c	4	0.01	47	36	0.0	0.0	0.0					
London (Kew Obsy.) ... ..	29.42	42	SW	1	b	29.66	33	-10	-	0	cm	4	0.00	47	32	5.1	0.0	0.0					
ICELAND & FAEROE.	Isafjord ... ..																						
	Reykjavik ... ..																						
	Seydisfjord ... ..																						
	Thorshavn ... ..	28.82	45	ESE	6	o	28.85	39	-6	-	0	c	4	0.00	30	18	0.0	0.0	0.0				
SCANDINAVIA.	Haparanda ... ..	29.41	29	S	2	o	29.95	36	+3	SE	2	o	4	0.00	36	32	0.0	0.0	0.0				
	Hernösand ... ..	29.87	35	NNW	2	o	29.87	36	+1	SE	2	o	4	0.08	40	34	0.0	0.0	0.0				
	Stockholm ... ..	29.83	36	SE	1	c	29.77	40	+4	SE	2	o	4	0.04	40	32	0.0	0.0	0.0				
	Wisby ... ..	29.75	38	SE	4	o	29.74	40	+6	SE	4	o	4	0.00	40	32	0.0	0.0	0.0				
	Karlstad ... ..																						
	Færder (X'ania Fjord)	29.55	38	SE	7	r	29.59	42	+5	SE	4	o	4	0.12	42	37	0.0	0.0	0.0				
	Bodö ... ..	29.68	36	E	2	b	29.61	36	+1	E	3	o	2	0.00	36	32	0.0	0.0	0.0				
	Christiansund ... ..	29.36	44	NE	5	o	29.33	45	+2	S	4	o	2	0.00	45	41	0.0	0.0	0.0				
	Skudesnaes ... ..	29.11	41	SE	9	o	29.40	43	-1	SSW	6	r	6	0.55	44	41	0.0	0.0	0.0				
	The Scaw (Skagen) ... ..	29.50	41	SE	9	r	29.62	42	+1	SSW	4	o	1	0.04	43	41	0.0	0.0	0.0				
Blaavands Huk ... ..	29.39	42	S	4	m	29.60	41	+4	SSW	2	m	1	0.16	41	34	0.0	0.0	0.0					
GERMANY, &c.	Cuxhaven ... ..	29.69	41	S	3	b	29.67	34	-3	S	2	bc	4	0.28	43	34	0.0	0.0	0.0				
	The Helder ... ..	29.62	43	S	3	b	29.66	35	-9	S	2	c	3	0.00	46	38	0.0	0.0	0.0				
	Brussels ... ..	29.56	42	SW	4	b	29.70	38	-6	SW	2	c	4	0.00	46	37	0.0	0.0	0.0				
	Berlin ... ..	29.58	37	S	2	c	29.77	37	+5	SW	1	o	4	0.00	37	28	0.0	0.0	0.0				
	Frankfurt ... ..	29.62	37	SW	4	c	29.81	37	-2	SW	3	c	4	0.24	43	34	0.0	0.0	0.0				
	Munich ... ..	29.75	35	W	4	r	29.41	34	+3	W	3	+	4	0.43	39	31	0.0	0.0	0.0				
FRANCE.	C. Gris Nez ... ..	29.46	45	WSW	6	r	29.70	46	0	W	4	b	4	0.51	45	41	0.0	0.0	0.0				
	La Hève ... ..	29.55	42	SW	5	o	29.73	40	-1	SW	4	o	4	0.08	45	37	0.0	0.0	0.0				
	Brest (St. Mathieu) ... ..	29.64	47	W	6	bc	29.75	49	+2	WSW	3	c	5	0.00	55	46	0.0	0.0	0.0				
	Lorient (Bec Melen) ... ..	29.62	49	WNW	7	r	29.70	50	+4	WSW	4	r	5	0.08	52	45	0.0	0.0	0.0				
	Rochefort (de d' Aix)	29.77	50	NW	6	r	29.88	45	-2	WNW	3	c	8	0.12	50	45	0.0	0.0	0.0				
	Biarritz ... ..	29.96	54	W	6	o	30.00	47	-3	S	3	b	3	0.35	54	46	0.0	0.0	0.0				
	Paris ... ..	29.64	42	SW	3	o	29.82	36	-7	SSW	3	b	4	0.00	48	36	0.0	0.0	0.0				
	Belfort ... ..	29.75	37	W	4	m	29.85	36	-3	W	4	o	4	0.20	41	34	0.0	0.0	0.0				
SPAIN, PORTUGAL, &c.	Lyons ... ..	29.80	37	SW	2	b	30.00	36	-7	SW	1	c	4	0.08	50	36	0.0	0.0	0.0				
	Nice ... ..	29.58	46	E	2	r	29.78	43	-3	E	4	b	3	0.99	48	43	0.0	0.0	0.0				
	Perpignan ... ..	29.88	48	NW	3	b	30.02	48	-2	W	3	bc	4	0.00	51	43	0.0	0.0	0.0				
	Sanguinaire ... ..																						
Corunna ... ..																							
Lisbon (8 a.m. local) ... ..																							
Gibraltar ... ..	30.05	50	W	3	b	29.96	46	-8	E	2	b	4	0.00	50	40	0.0	0.0	0.0	0.0				
Azores (P. Delgada) (6 a.m. local) ... ..																							
Azores (Horta) ... ..	29.89	54	SE	3	b	29.78	55	+1	WNW	4	o	4	0.12	57	54	0.0	0.0	0.0	0.0				
Madeira (Funchal) ... ..	30.02	61	SE	3	r	29.90	54	+2	SE	3	o	3	1.02	63	51								

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

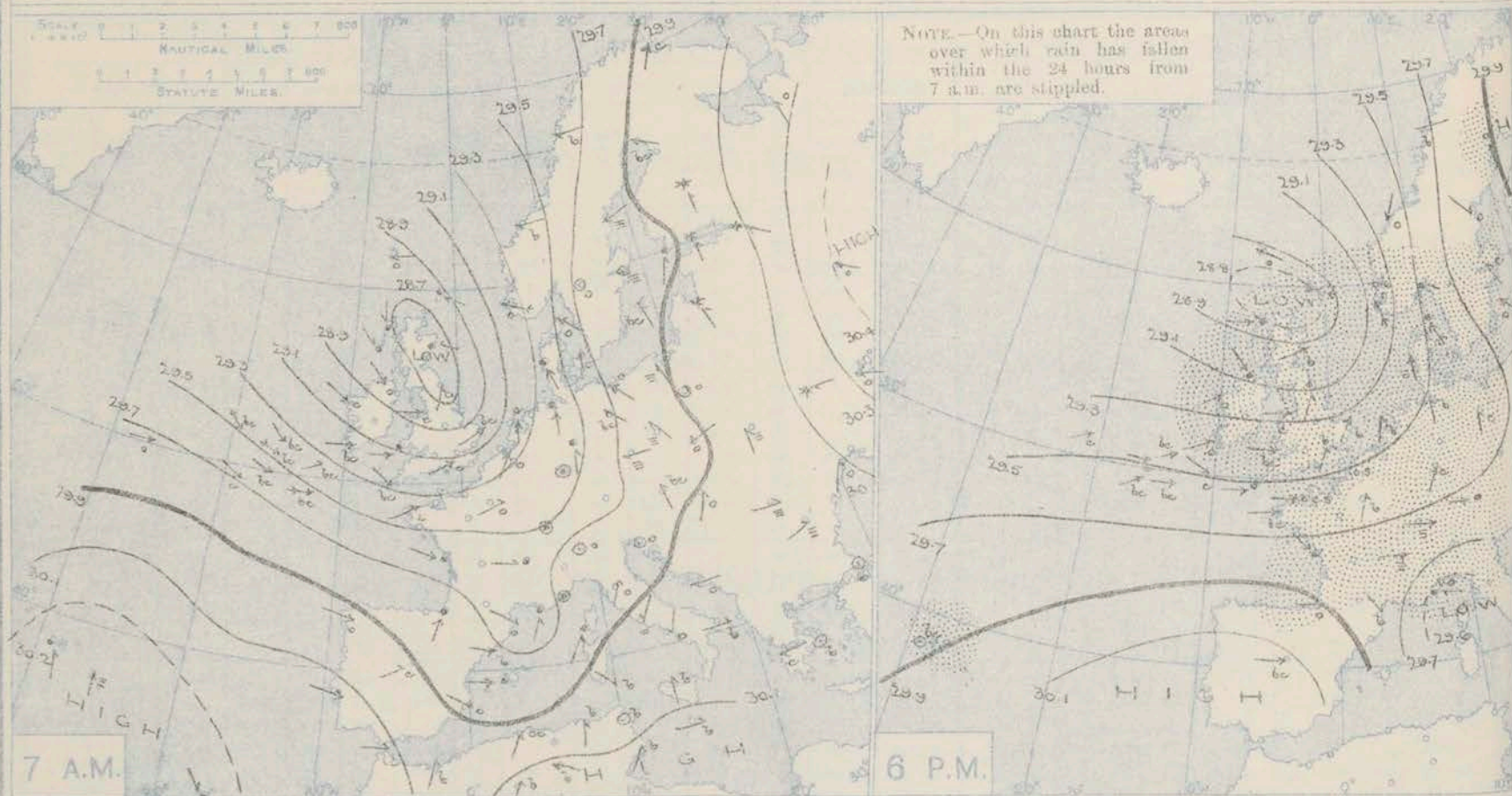
DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS

5 p.m. to 8 p.m. ESE 8.  
 Squalls force 9 at 2 p.m.  
 7 a.m. to 8 a.m. W. 8.

Lerwick  
 Scilly  
 Portland



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



## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to above  $45^{\circ}$  in many parts of the Kingdom, and the minimum readings of the night were nearly all above  $32^{\circ}$ . Rain has fallen in most districts, a thunderstorm occurred during the evening at Newquay, and lightning at Bournemouth, Dungeness and Jersey. Aurora was

observed at Liverpool and in some parts of Scotland. at Lerrwick a gale from the S.W. was experienced, and at Sully and Portland Bill a gale from the S.W. According to wireless reports moderate to strong winds from the S.W. or S.E. prevailed as far west as the 20th meridian.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

0 {  
a Wind mainly S.W., moderate to  
b fresh or strong; fair to rainy;  
moderate or mild temperature.

1 {  
a Wind between S. and S.W.,  
b light or moderate, then  
increasing somewhat; cloudy or  
overcast generally, some rain, mist  
locally; temperature rising.

### FORECAST DISTRICTS.



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

Signals hoisted yesterday  
South Coast  
North Coast

Signals hoisted this morning  
South Coast  
North Coast

No Warning issued

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

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

8 {  
a Wind between S. and S.W., moderate  
b to strong or high; changeable, rain  
at times; temperature rather  
high; some mist on coast.

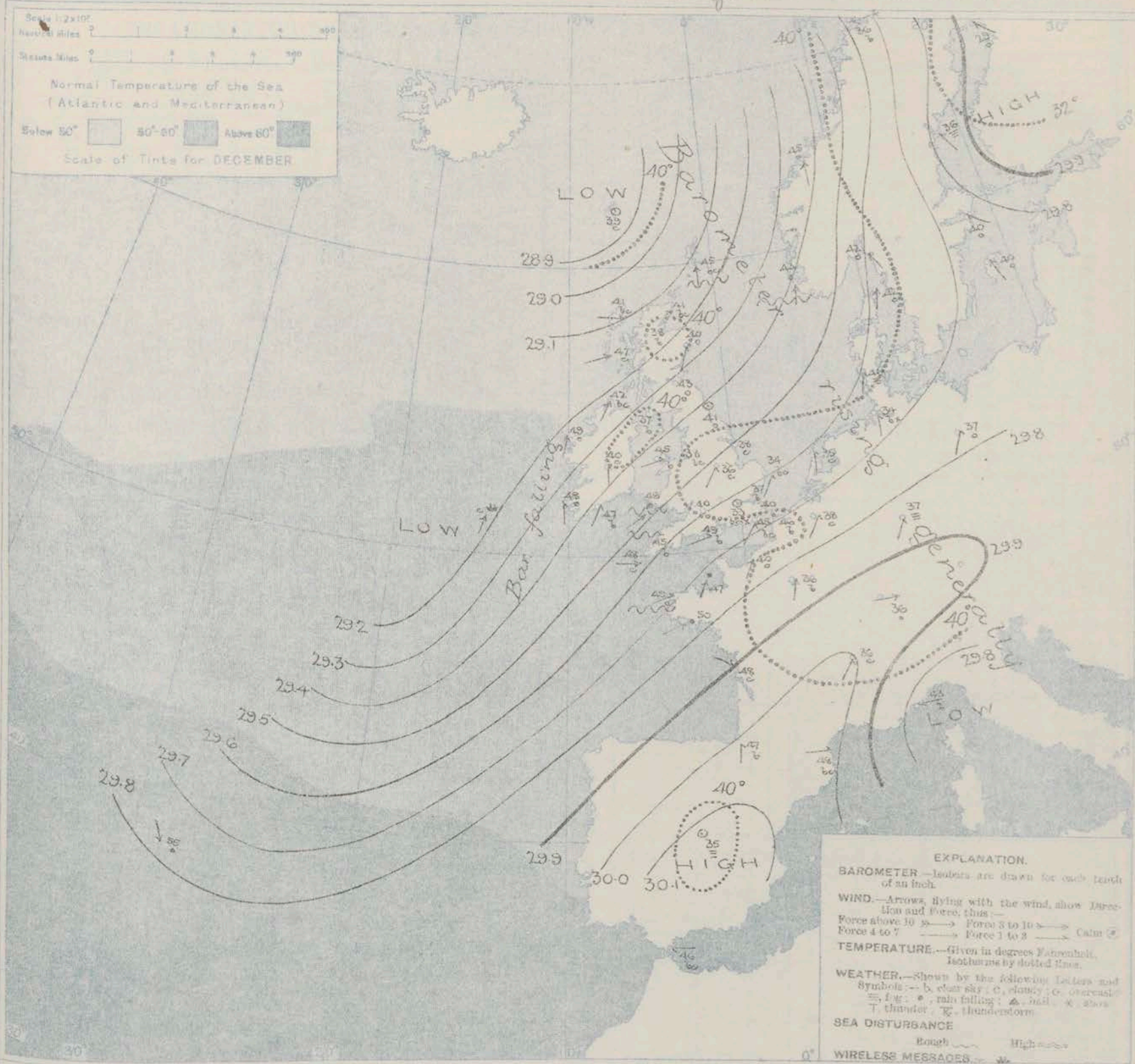
11 WESTERN CHANNEL AND BAY.  
Wind mainly S.W. to S.E., moderate to strong; much cloud, some rain and mist; sea moderate to rough.

THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Tuesday, 12<sup>th</sup>

DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is as low as 28.85 in. in a depression having its centre between Iceland and Shetland, while it is above 29.9 in. in Finland, and also over South Germany and the southern half of France. Over an area generally a rise is in progress, but a fresh fall has begun in the west of Ireland.

The wind is S. by S.W. over the United Kingdom and Western and Northern Europe generally. It blows freshly locally in the west and at Lerrick, but generally it has little force. At Bodø, where the direction is E. by S., a gale is

reported. Temperature has risen in Ireland, fallen in England and France. Over the United Kingdom it ranges from 33° in London, and 34° at Great Yarmouth to above 40° in most places, and to 49° at Portland Bill, Pembroke and Blackhead Point. Showers prevail at Pembroke and Jersey, and over these islands as a whole the sky is cloudy or overcast. Various localities, however, both in Ireland and Great Britain report bright weather. At the Continental stations the condition is variable; rain is falling at Munich and Skudenes.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The new depression which is causing the fall of the barometer and the backing winds in the west of these

islands will influence the weather condition over the entire Kingdom during the ensuing 24 hours.



Tuesday, 12th December, 1911.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.
	3 p.m. Yesterday.	9 p.m. To-day.	Max.	Min.			
	24 HOURS ENDED AT 9 A.M. TO-DAY.						
Greenwich (Royal Observatory) ...	74	72	48	34	B. bc	1a.	Hrs. 5.8
City (Banhill Row) ...	74	72	48	34	B. bc	1a.	3.2
Westminster (St. James's Park) ...	74	72	49	34	B. bc	1a.	4.7
Camden Sq. (Brit. Rainfall)	76	74	47	32	Bc. cm	1a.	4.2
Hampstead (Reservoir) ...	74	73	45	34	Bc. bc. cm	1a.	4.2
24 HOURS ENDED AT 6 P.M. YESTERDAY.							
South Kensington ...	74	74	49	43	Bc. bc	0.12	4.6
" " (Roof of M.O.)	68	89	49	44	Bc. bc	0.12	4.6

12th. 13th. Decr. 1811.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ... ..	7.57 7.28	11.47 11.27	2.50 3.26
Greenwich ... ..	7.58 7.54	11.56 11.54	3.04 3.04
Wick ... ..	8.58 8.56	12.6 12.6	3.16 3.16
Valencia... ..	8.47 8.43	12.35 12.35	4.27 4.27

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.



1911.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,  
13th December 1911.

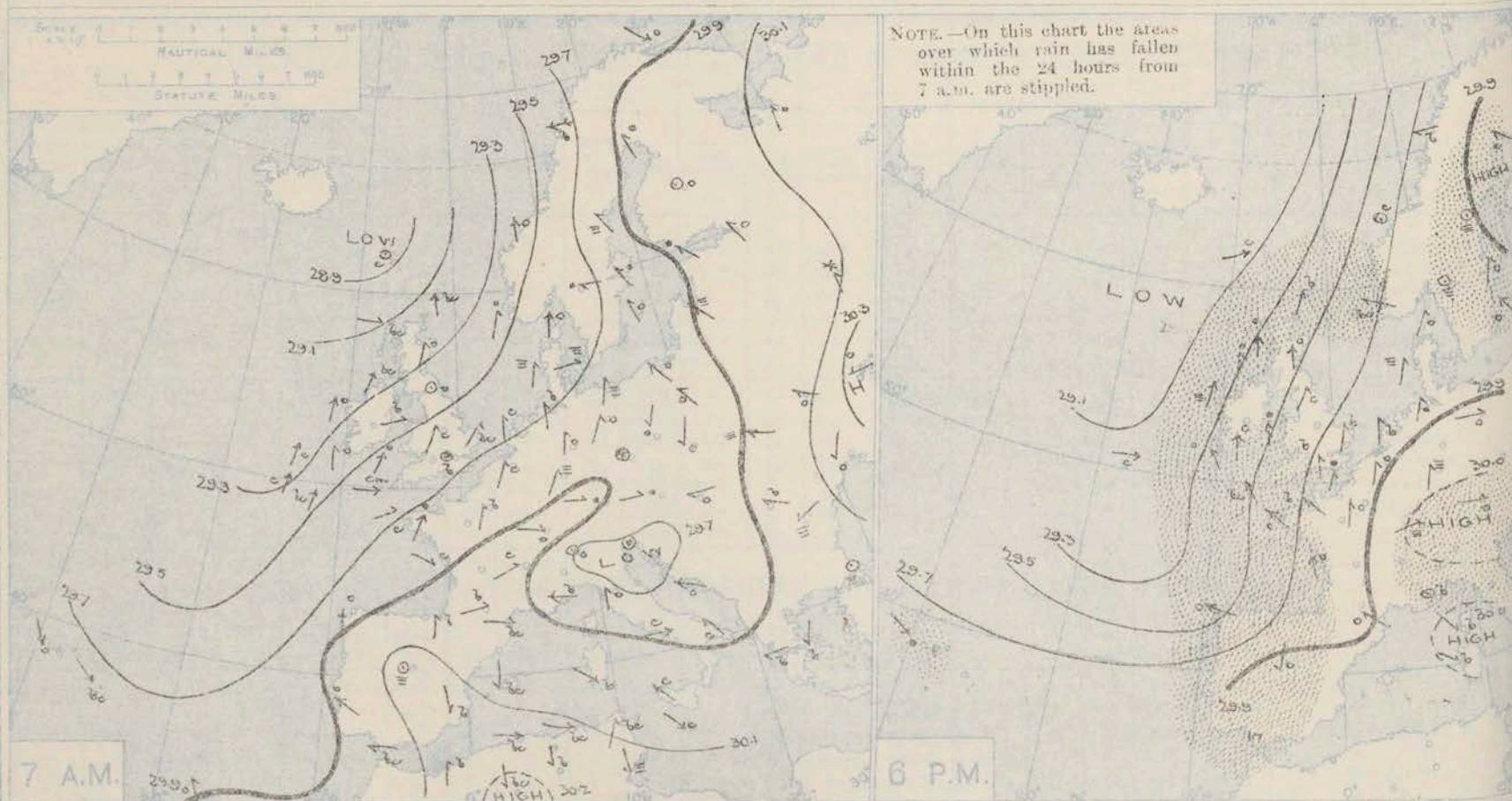
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (6 to 9).	TEMP.		WEATHER.							
	At 3 <sup>30</sup> P.M. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 3 <sup>30</sup> P.M. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Weather.		Rain-fall.	Max.	Min.	Sun-shine.	Motion 7 a.m. to 1 p.m.	Afternoon 1 p.m. to 5 p.m.	Night 5 p.m. to 7 a.m.			
BRITISH ISLANDS.	Lerwick	29.33	48	SSW	4	b	29.56	+0.6	47	+2	SSE	6	6	0.02	47	43	Hours	bc	bc	bc			
	Stornoway	29.23	47	S	6	r	29.40	+0.2	48	+7	SW	6	0	0.36	48	40	0.0	bc	bc	bc			
	Castletown (Barra Isd.)	29.27	48	S	4	d	29.36	-0.0	47	0	SE	5	6	0.16	49	43	0.0	c	d	ad. bc			
	Malin Head	29.27	45	SE	6	bc	29.27	-0.3	45	+3	SSE	1	bc	trace	47	40		bc	bc	bc			
	Blacksod Point	29.21	50	SSW	6	m	29.08	-0.6	46	-3	ESE	5	0	trace	50	44		bc	bc	bc			
	Valencia	29.28	43	SSE	5	o	28.90	-1.1	47	-1	E	4	0	0.21	52	46	0.0	cp	cp	cp			
	Roche's Point	29.39	48	S	4	c	28.89	-	46	-1	ESE	7	0	0.10	50	46		cd	cd	cd			
	Birr Castle	29.35	46	S	3	o	29.05	-	47	+7	SE	4	0	-	50	40	0.8	c	og	og			
	Donaghadee	29.43	47	SSW	2	bc	29.36	-0.6	46	+8	SE	5	0	-	47	37		bc	o	cg			
	Liverpool Obsy.	29.57	42	SE	3	b	29.39	-0.7	43	+5	ESE	5	0	trace	47	39	4.3	bc	bc	op			
	Holyhead	29.49	48	S	4	orgm	29.24	-1.1	47	+2	SE	5	0	0.06	50	44		bc	comp	c			
	Pembroke (St. Ann's Hd.)	29.51	47	S	4	c	28.92	-1.0	48	-4	ESE	7	0	0.03	51	42	2.7	cp	c	c			
	Newquay	29.52	47	SE	3	b	28.91	-	50	+5	S	9	0	0.23	52	45	4.7	b	b. bc	b. or			
	Scilly (St. Mary's)	29.46	49	SSE	5	bc	28.64	-1.27	51	+3	WSW	9	0	0.12	54	48	1.9	bc	bc	comp			
	Jersey (St. Aubin)	29.69	47	SE	8	bc	29.32	-	49	+2	SE	6	0	0.01	56	46	0.0	bc	bc	bc			
	Portland Bill	29.63	49	S	3	c	29.23	-1.3	48	-1	SE	9	0	0.10	51	47	5.6	bc	bc	cr			
	Dungeness	29.72	48	SW	2	cp	29.51	-0.6	47	+2	S	6	0	trace	50	44	3.3	bc	cp	c. og			
	Dover	29.76	47	SSW	4	c	29.59	-	43	+3	SE	4	0	0.01	53	34	4.3	b. bc	b. bc	bc			
	Wick	29.38	45	SW	4	o	29.52	+0.2	45	+6	S	2	0	trace	47	40		bc	comp	b			
	Nairn	29.23	44	SW	2	o	29.49	-	42	+4	-	0	0	trace	47	36	2.5	c	c	c			
	Aberdeen	29.46	46	S	4	o	29.44	+0.2	45	+5	SSE	3	0	-	46	39	1.2	c. bc	og	o			
	Leith	29.48	47	S	4	bc	29.51	-0.1	39	-4	SE	2	0	-	49	38		o. bc	bc	bc			
	North Shields	29.56	44	SW	1	c	29.59	-0.2	41	0	SSW	3	0	-	47	36	3.3	comp	c	cg			
	Spurn Head	29.64	40	o	4	b	29.55	-0.2	42	+4	ESE	6	0	-	44	!		bc	bc	bc			
Yarmouth	29.71	43	SSW	1	b	29.68	-0.2	44	+10	SE	4	0	-	46	34	3.8	bc	b	bc				
Clacton-on-Sea	29.72	44	SSE	2	b	29.60	-0.6	45	+8	SE	5	0	-	45	36	0.7	b. bc	bc	bc				
Nottingham	29.66	46	S	1	o	29.65	-	41	+5	E	5	0	-	46	30	3.5	c. bc	bc	b				
Bath	29.64	46	SW	1	o	29.33	-	45	+5	SE	7	0	0.06	51	40	6.0	-	-	-				
Oxford	29.69	41	SSE	2	b	29.43	-	44	+6	SE	6	0	trace	50	39		b	b	b				
London (Kew Obsy.)	29.71	42	S	2	bc	29.50	-0.7	44	+11	ESE	5	0	-	49	32	1.1	bc	bc	bc				
ICELAND & FAEROE.	Isafjord																						
	Reykjavik																						
SCANDINAVIA.	Seydisfjord																						
	Thorshavn	29.09	42	WSW	4	c	29.32	+0.6	44	+5	-	0	0										
	Haparanda	29.49	28	SSE	2	o	30.00	-0.0	28	-1	E	4	0	0.08	29	27							
	Hernösand	29.89	37	-	0	f	29.92	+0.2	32	-4	-	0	0	0.16	39	32							
	Stockholm	29.89	41	SSW	2	o	29.94	+0.2	36	-4	WSW	2	0	0.04	41	36							
	Wisby	29.83	41	SSE	4	o	29.88	-0.0	46	0	SSE	2	0	0.08	41	32							
	Karlstad	29.88	37	-	0	f	29.97	+0.2	35	-2	NNW	2	0	trace	39	34							
	Færder (X'tania Fjord)	29.81	41	SSE	2	o	29.93	+0.2	41	-1	S	2	0	-	42	41							
	Bodö	29.72	37	E	3	b	29.85	+0.2	36	0	-	0	0	-	37	36							
	Christiansund	29.60	45	-	0	c	29.78	+0.5	44	-1	ESE	2	0	-	46	39							
GERMANY, &c.	Skudesnaes	29.67	44	S	6	o	29.82	+0.3	44	+7	SSE	6	0	0.20	45	41							
	The Scaw (Skagen)	29.65	41	SW	3	o	29.93	+0.2	40	-2	S	1	0	-	42	34							
	Blaavands Huk	29.84	40	SSW	2	m	29.91	+0.1	32	-9	SE	2	0	-	41	32							
	Cuxhaven	29.85	39	SW	2	o	29.93	+0.1	32	-2	S	1	0	-	39	32							
	The Helder	29.82	37	S	2	c	29.82	+0.3	38	+3	ESE	1	0	-	46	35							
	Brussels	29.84	39	SSW	3	o	29.75	-0.5	38	0	SE	3	0	-	43	36							
	Berlin	29.91	41	W	2	o	29.96	+0.1	37	0	SW	1	0	-	43	37							
	Frankfurt	29.96	37	SW	2	f	29.93	-0.2	33	-4	SE	2	0	-	41	32							
	Munich	30.05	35	W	3	o	30.02	-0.2	29	-5	SE	4	0	0.12	39	27							
	FRANCE.	C. Gris Nez	29.77	42	S	3	c	29.60	-0.8	42	-4	SE	5	0	0.08	46	41						
La Hève		29.80	42	SW	2	o	29.51	-	41	+1	SE	4	0	-	48	36							
Brest (St. Mathieu)		29.56	48	SE	5	o	29.12	-1.0	51	+2	SW	8	0	0.12	52	48							
Lorient (Rec Melen)		29.40	50	SE	4	c	29.34	-	52	0	SW	7	0	0.20	55	48							
Rochefort (Ile d' Aix)		29.71	48	SSE	4	o	29.51	-	48	0	S	4	0	0.08	52	46							
Biarritz																							
Paris		29.86	43	SSE	2	c	29.86	-0.2	40	+4	SSE	2	0	-	44	37							
Belfort		30.04	38	WSW	3	m	29.91	-	33	-3	ESE	6	0	0.12	41	32							
Lyons		30.04	34	SSE	1	b	29.81	-	47	+1	o	4	0	-	48	35							
Nice		29.96	45	-	0	b	30.04	+0.2	40	-3	E	4	0	0.08	54	34							
SPAIN, PORTUGAL, &c.	Perpignan	29.89	50	SE	3	o	29.67	-0.1	54	+6	SW	5	0	-	56	45							
	Sanguinaire	30.09	51	NNW	3	b	30.06	-	55	+2	SE	3	0	-	54	48							
	Corunna	29.36	51	ESE	6	o	29.49	+0.1	53	+1	S	6	0	0.24	54	48							
	Lisbon (3 a.m. local)																						
PORTUGAL, &c.	Gibraltar	29.85	58	SE	3	or	29.83	-	60	+14	W	6	0	1.65	-	-							
	Azores (P. Delgada)																						
	Azores (Horta)	29.79	56	WSW	4	r	29.76	-0.3	56	+1	WSW	2	0	0.20	59	54							
Madeira (Funchal)																							

\* Information for these columns not usually received.

† Received too late for insertion in Charts.



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



## NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to about 50° in several parts of the United Kingdom; at Seilly and Jersey it touched 54°. Rain has fallen in several localities, mostly in the west and north-west, but the largest measurement reported is 0.36 in. at Stornoway.

Several hours of bright sunshine were experienced in different parts of the Kingdom, the highest figure being about 6 hours at Bath and Torquay. A violent gale from the South-Eastward sprang up during the night at Portland Bill and Seilly.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY.

- |   |   |                                                                                           |
|---|---|-------------------------------------------------------------------------------------------|
| 0 | a | South-Easterly and Southerly winds, increasing greatly in strength; becoming rainy; mild. |
|   | b |                                                                                           |
| 1 |   |                                                                                           |
| 2 | a | Wind mainly between South-East and South, fresh or strong, a gale in places; squally      |
|   | b |                                                                                           |
| 3 |   |                                                                                           |
| 4 | a | some rain; mild, with a humid atmosphere.                                                 |
|   | b |                                                                                           |
| 5 |   |                                                                                           |

### FORECAST DISTRICTS.



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

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

- |    |   |                                                                                                                        |
|----|---|------------------------------------------------------------------------------------------------------------------------|
| 6  | a | Same as Nos 0 and 1.                                                                                                   |
|    | b |                                                                                                                        |
| 7  | a | South-Easterly to Southerly or South-Easterly winds, strong to a gale, moderating later; squally, rain at times; mild. |
|    | b |                                                                                                                        |
| 8  | a |                                                                                                                        |
|    | b |                                                                                                                        |
| 9  | a |                                                                                                                        |
|    | b |                                                                                                                        |
| 10 | a |                                                                                                                        |
|    | b |                                                                                                                        |

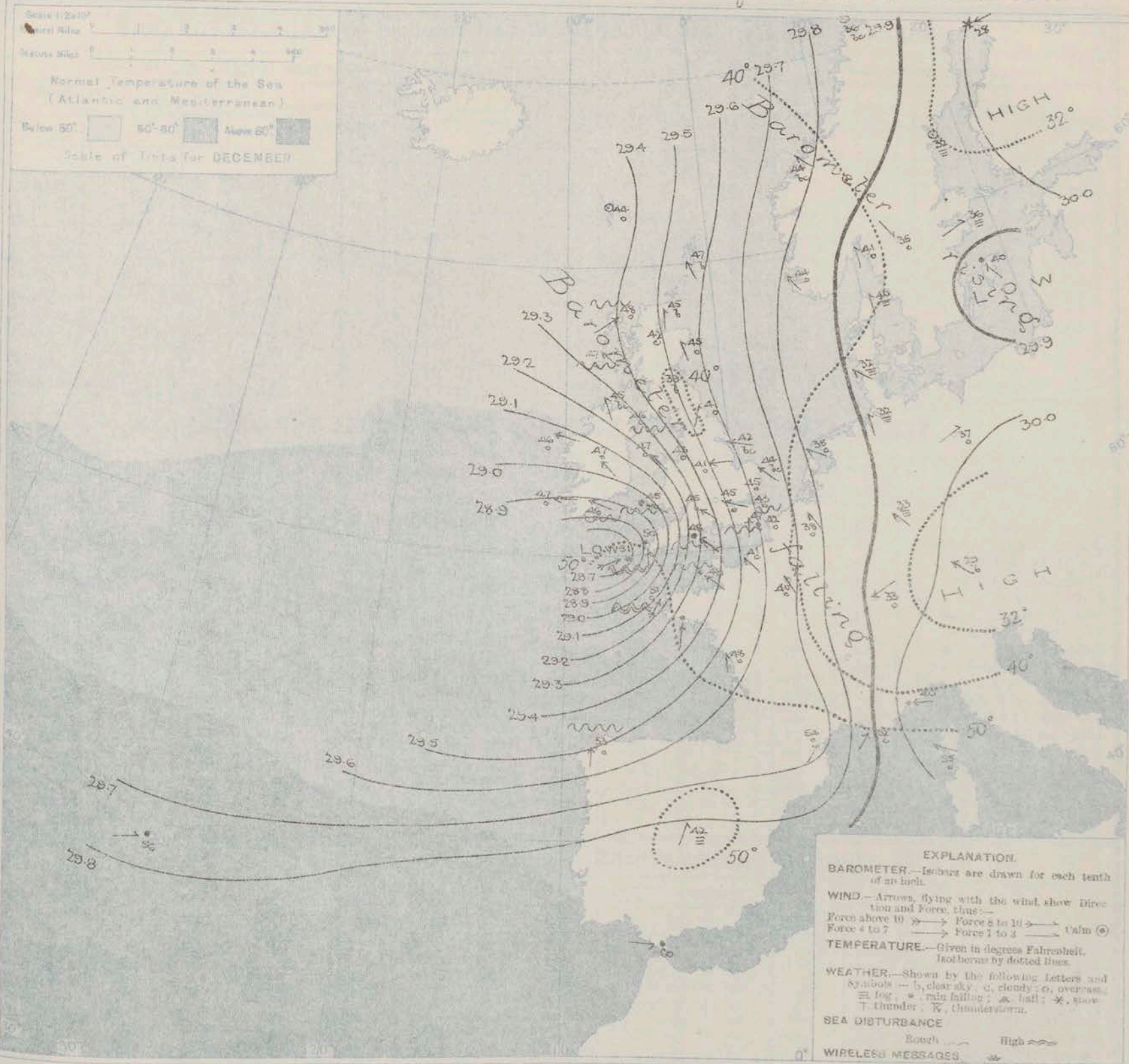
### 11 WESTERN CHANNEL AND BAY.

Wind between South and South-West or West, strong to a gale, then moderating; sea high to rough; squally, rainy, then fairer.

### THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Wednesday, 13<sup>th</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

During the night the centre of a very deep depression has advanced, apparently from the south-westward, to a position not far from the Scilly Isles where the barometer has fallen to about 29.6 in. The highest pressure, about 30 in., is reported from the south-east of France and the north of Sweden. The gradient is unusually steep over the west and south-west of England and the western half of the Channel.

The wind is southerly or south-easterly over the United Kingdom generally; at Newquay and Portland Bill it blows a strong gale but as a whole it is fresh to high in

force. A Scilly and West a south-westerly gale prevails. Temperature has risen in most regions. Over these islands it ranges from 51° at Scilly, and above 45° in the west and south generally and also in the eastern north-west and north to 59° at Leth. Rain is falling over the south-west of these islands, and over the kingdom generally the sky is cloudy to overcast. Much cloud is also reported on the Continent, with fog at Frankfurt and beyond the North Sea, rain at Riga and Reiby, and snow at Haparanda.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression now centred off the south-west of England seems likely to move in a northerly direction, and strong South-Easterly to

Southerly winds or gales are to be expected on most of our coasts.



Wednesday, 13th December, 1911.

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.				*	*	*		
12th Dec. 3pm.	50	16	29.18	SW	4.5	<u>Kronland</u>	12th Dec. 6pm.	50	17	29.13	W	6-7	C	-	-	-	
do. 4pm.	50	18	? 29.53	WSW	6-7	<u>do.</u>	do. 7am.	50	16	? 29.50	SSW	6-7	C	-	-	-	
do. 5pm.	49	11	29.50	SW	4.5	<u>Finland</u>	do. 7am.	49	10	29.56	SSW	4-5	bc	-	-	-	

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Oban, to 6 p.m. ...	49	41	c. o. v	0.0	0.39	Brighton, to 6 p.m. ...	48	28	*	2.2	0.02
Dublin (City), to 4 p.m. ...	50	39	bc. o. c. o	*	-	Seaford, to 6 p.m. ...	50	34	bc. bc. bc	3.5	0.03
Blackpool, to 9 p.m. ...	46	38	m. c	2.0	-	Eastbourne, to 6 p.m. ...	50	39	*	3.6	0.04
Southport, to 9 p.m. ...	46	37	or. bc. b	3.5	0.02	Bexhill-on-Sea, to 9 p.m. ...	49	37	bc. b	4.4	0.02
Rhyl, to 6 p.m. ...	50	40		+2	0.01	Hastings ...	*	*	*	4.1	*
Colwyn Bay, to 6 p.m. ...	49	41	bc	3.6	-	Folkestone, to 6 p.m. ...	49	36	bc. bc. bc	3.5	0.01
Llandudno, to 9 p.m. ...	50	41	o. b. bc	4.2	-	Deal, to 6 p.m. ...	49	35	bc. bc. c. o	2.0	-
Bettws y-Coed, to 6 p.m. ...	49	36	ap	0.3	*	Ramsgate, to 6 p.m. ...	*	*	*	4.0	-
Aberystwyth, to 6 p.m. ...	47	42	*	2.0	0.12	Margate, to 6 p.m. ...	49	36	b	2.5	-
Plymouth, to 9 p.m. ...	53	42	bcw. bc. b	4.3	0.02	Felixstowe, to 6 p.m. ...	48	35	*	3.6	-
Paignton, to 6 p.m. ...	54	35	b. bc. bc. b	5.6	0.06	Lowestoft, to 6 p.m. ...	45	34	bc. c. b	3.2	-
Torquay, to 6 p.m. ...	52	40	*	6.2	-	Skegness, to 6 p.m. ...	43	34	c. b	5.2	-
Teignmouth, to 9 p.m. ...	53	36	f. b. cp	4.7	0.03	Scarborough, to 9 p.m. ...	43	36	c. b. o. c	3.5	0.01
Weymouth, to 6 p.m. ...	55	39	z	5.6	-	Harrogate, to 6 p.m. ...	44	35	bc. bc. b	2.4	-
Bournemouth, to 6 p.m. ...	52	37	c. bc. b	4.4	-	Buxton, to 6 p.m. ...	43	35	bc. bc. b	2.7	0.03
Southsea, to 6 p.m. ...	52	36	*	4.9	0.04	Darwen, to 9 p.m. ...	43	34	opu. og	0.0	-
Worthing, to 6 p.m. ...	51	31	b. c	3.8	0.03	Manchester, to 9 p.m. ...	48	36	o. c. bc. b	2.7	0.01
						Birmingham, to 9 p.m. ...	46	34	or. c. b	1.7	-

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 Obs.) ...	% 87	% 85	49	39	b. bc. c. b	ln.	Hrs. 1.8
City (Bunhill Row) .. ..	% 8	% 8	8	8	8	%	0.0
Westminster (St. James's Pk.)	84	84	50	41	bc. mc. bc	-	0.4
Camden Sq. (Britt. Rainfall)	87	85	49	40	bc. b. c	-	0.3
Hampstead (Reservoir) ...	8	85	47	39	mc. oc. c	-	0.7
			24 HOURS ENDED AT 5 P.M. YESTERDAY.				
South Kensington ...	8	8	50	36	} bc. cm. edm. cy. bm }	-	} 0.4
" " (Roof of M.O.)	80	81	51	41		8	

Wednesday, 14th Dec. 1911.					Sunrise	Noon	Sunset
					G.M.T.	G.M.T.	G.M.T.
Yarmouth	...	...	...	...	7.58 7.59	11.47 11.48	3.36 3.36
Greenwich	...	...	...	...	7.59 8.0	11.54 11.55	3.49 3.49
Wick	...	...	...	...	8.56 8.57	12.56 12.7	3.16 3.16
Valencia	...	...	...	...	8.43 8.44	12.35 12.36	4.37 4.27

STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.	STATIONS.	RAIN.	TEMPERATURE F.		WEATHER.
		Max.	Min.				Max.	Min.	
	In.					In.			
Malaga ... ..	-	61	45	b. c	Rome ... ..	0.55	58	50	r. c
Marseilles ... ..	-	55	39	b. bc	Vienna ... ..	0.04	41	34	b. c
Malta ... ..	-	66	56	c	Utrecht ... ..	-	46	34	b. bc
Algiers ... ..	0.04	63	50	b. bc	Zürich ... ..	0.20	5	7	b. c
Tunis ... ..	-	63	46	b. bc	Geneva ... ..	0.60	2	7	f. c
Palermo ... ..	-	67	56	b. c	Lugano ... ..	0.83	2	7	s. c

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.



1911.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday  
14th December, 1911.

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°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.						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	29.66	47	SSE	5	0	29.62	-0.01	45	-2	SSE	7	0.0	47	44	0	cm	cm	cm			
	Stornoway	29.29	46	ESE	6	0	29.26	+0.08	40	-5	S	4	0.02	47	43	0	opmg	opmg	bcy			
	Castlebay (Barra Isd.)	29.08	47	ESE	6	0	29.26	+0.08	45	-1	SSW	6	0.05	47	43	0	opmg	opmg	bcy			
	Malin Head	28.76	47	ESE	8	0	29.26	+0.08	45	-1	SSW	6	0.05	47	43	0	opmg	opmg	bcy			
	Blackod Point	28.60	46	WNW	10	0	29.26	+0.08	45	-1	SSW	6	0.05	47	43	0	opmg	opmg	bcy			
	Valencia	28.98	44	SW	6	0	29.28	+0.02	42	-5	S	2	0.03	48	41	0.0	c	ov	cg			
	Roche's Point	29.06	45	WSW	5	0	29.36		47	+1	SW	4	0.56	48	44	0	cm	r	ph. b. bc			
	Birr Castle	28.82	45	S	3	0	29.34		41	-6	SSW	2	0.27	50	37	0.0	opmg	or	0			
	Donaghadee	29.04	48	ESE	10	0	29.40	+0.04	40	-6	S	3	0.35	49	40	0	op. cpg	op. bc	bc			
	Liverpool Obsy.	29.30	46	SE	4	0	29.48	+0.03	41	-2	SE	2	0.06	47	40	0.0	or	bc	od			
	Holyhead	29.12	47	SE	8	0	29.43	+0.02	45	-2	S	2	0.17	51	43	0	cmg	opmg	cp			
	Pembroke (St. Ann's Hd.)	29.19	49	SSW	7	0	29.47	+0.03	46	+3	SSW	4	0.18	51	41	0.3	opmg	opmg	cg. l.			
	Newquay	29.30	46	S	5	0	29.51		42	-8	ESE	2	0.08	50	39	3.0	bcy	bcy	b			
	Scilly (St. Mary's)	29.27	49	WSW	5	0	29.47	+0.04	47	-4	SW	4	0.17	52	45	2.8	opmg	opmg	cmg			
	Jersey (St. Aubin)	29.48	49	SSW	3	0	29.69		43	-1	SSW	4	0.74	54	45	1.7	or. cp	opmg. bc	opmg			
	Portland Bill	29.41	50	SSW	6	0	29.55	+0.07	50	+2	WSW	3	0.39	52	47	1.5	opmg	bc	cr. bc			
	Dungeness	29.54	49	SSE	5	0	29.56	+0.02	46	-1	WSW	4	0.26	50	44	0.2	opmg	cp	c. or			
	Dover	29.59	47	SSE	4	0	29.63		42	-1	W	5	0.12	49	42	0.6	opmg	cp	op			
	Wick	29.49	46	SSE	7	0	29.46	+0.03	46	+1	SSE	7	0.02	46	44	0	cmg	cmg	cmg			
	Nairn	29.37	44	E	6	0	29.42		42	0		0	0.01	47	37	0.0	c	cg	cg. bc			
	Aberdeen	29.51	45	SE	6	0	29.52	+0.01	47	+2	SSE	5	0.06	47	44	0.0	opmg	opmg	opmg			
	Leith	29.36	46	SE	5	0	29.47	+0.03	46	+3	SE	2	0.01	46	39	0	bc. c	opmg	cg			
	North Shields	29.44	45	SE	7	0	29.50	-0.01	45	+4	SE	3	0.10	47	36	0.1	0	r	r			
	Spurn Head	29.48	43	SE	7	0	29.47	-0.02	40	+2	SSE	6	0.03	45	37	0	bcy	cg	cg			
Yarmouth	29.58	45	SE	5	0	29.56	-0.06	45	+1	SSE	3	0.05	46	41	1.2	bcy	opmg	bcy. bc				
Clacton-on-Sea	29.56	45	SSE	4	0	29.63	-0.01	45	0	S	4	0.05	46	43	0.6	0. c	cm. bc	bc. op. c				
Nottingham	29.46	45	S	4	0	29.51		42	+1	SW	1	0.41	46	40	0.4	op. c	cp. b	b				
Bath	29.43	48	SW	1	0	29.58		38	-7	NE	1	0.78	52	37	0.8							
Oxford	29.50	46	SE	2	0	29.61		41	-3	SW	2	0.49	49	40	0	op. or. c	0. c	bcy. or. c				
London (Kew Obsy.)	29.52	48	S	3	0	29.59	+0.07	43	-1	SW	2	0.28	48	39	0.6	0. c. or	r. c. or. bc	bc. bc. or				
ICELAND & FAEROE.	Isafjord																					
	Reykjavik																					
	Seydisfjord																					
	Torshavn	29.50	44	S	1	0	29.46	-0.03	46	+2	SSE	6	0									
	SCANDINAVIA.	Haparanda	29.99	28	N	2	0	29.98	-0.01	24	-4	E	2	0.05	30	18						
Hernösand		29.98	30	S	2	0	29.95	+0.01	33	+1		0		32	28							
Stockholm		29.85	31	ENE	2	0	29.80	+0.05	33	-3	WNW	2	0.43	37	32							
Wisby		29.76	31	S	4	0	29.84	+0.04	39	-1	WNW	6	0.28	41	34							
Karlstad		29.94	31		0	0	29.93	-0.01	33	-2	N	2		35	30							
Färder (X'taula Fjord)		29.95	38	SE	1	0	29.95	-0.01	33	-8	WNW	3		40	32							
Bodö		29.93	38	E	2	0	29.91	-0.03	32	-4	E	2		36	38							
Christiansund		29.89	42		0	0	29.93	+0.01	39	-5	E	1	0.04	45	39							
Skudesnaes		29.89	43	SE	4	0	29.88	-0.01	40	-4	ESE	4		45	35							
The Scaw (Skagen)		29.94	40		0	0	29.95	-0.01	37	-3	W	1		41	30							
GERMANY, &c.	Blaavands Huk	29.91	36	SE	2	0	29.86	-0.01	38	+1	ESE	3		37	32							
	Cuxhaven	29.87	34	E	3	0	29.82	-0.02	32	0	ESE	3		39	32							
	The Helder	29.73	29	ESE	3	0	29.68	-0.02	39	+1	ESE	2	0.08	39	37							
	Brussels	29.91	48	SSE	5	0	29.69	-0.01	46	+8	SSE	2	0.04	47	37							
	Berlin	29.99	34	SE	1	0	29.93	-0.01	32	-5	SE	2		43	30							
	Frankfurt	29.88	38	NE	2	0	29.87	-0.01	39	+6	SW	1	0.06	39	32							
	Munich	30.01	32	SE	2	0	30.05	+0.01	38	+4	S	1		34	28							
FRANCE.	C. Gris Nez	29.89	45	SSE	4	0	29.60	+0.02	47	+8	WSW	6	0.20	47	42							
	La Hève	29.58	45	S	3	0	29.71		45	+4	SSW	4	0.08	48	39							
	Brest (St. Mathieu)	29.40	50	SSE	7	0	29.67	+0.03	50	-1	SW	4	0.20	54	45							
	Lorient (Bec Malen)	29.51	52	S	6	0	29.71		51	-1	SW	6	0.63	55	46							
	Rocheport (Ile d'Alx)	29.62	50	SW	3	0	29.86		50	+2	SW	3		57	48							
	Biarritz	29.60	60	S	4	0	29.93		54	-2	SE	2		61	52							
	Paris	29.61	49	S	3	0	29.80	+0.11	46	+6	SW	3	0.04	55	39							
SPAIN, PORTUGAL, &c.	Beaufort	29.50	37	ENE	4	0	29.95		40		ENE	2	0.12	40	33							
	Lyons	29.52	50	S	4	0	29.95		48	+1	SW	1	0.35	2	2							
	Nice	30.03	45		0	0	30.04	-0.01	47	+7		0	0.91	47	39							
	Perpignan	29.78	48	WNW	1	0	29.99	+0.08	44	-10	W	1		59	41							
	Sanguinaire	30.06	50	S	5	0	30.03		57	+2	SW	4		57	45							
	Corunna																					
	Lisbon (S.A.M. local)	29.92	57	SSW	4	0	29.85	-0.02	59	+1	S	5	0	61	55							
Gibraltar	29.96	58	W	4	0	30.05		59	-1	SW	2	0.90										
Azores (P. Delgada)																						
Azores (Horta)																						
Madeira (Funchal)	29.66	58	W	4	0	29.79	+0.05	58	+2	W	4	0.12	63	56								

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS

7 a - 11 a

11 a - 5 p

5 p - 7 p

7 p - 11 p

11 p - 5 a

5 a - 7 a

7 a - 11 a

11 a - 5 p

5 p - 7 p

7 p - 11 p

11 p - 5 a

5 a - 7 a

7 a - 11 a

11 a - 5 p

5 p - 7 p

7 p - 11 p

11 p - 5 a

5 a - 7 a

7 a - 11 a

11 a - 5 p

5 p - 7 p

7 p - 11 p

11 p - 5 a

5 a - 7 a

7 a - 11 a

11 a - 5 p

5 p - 7 p

7 p - 11 p

11 p - 5 a

5 a - 7 a

7 a - 11 a

11 a - 5 p

5 p - 7 p

7 p - 11 p

11 p - 5 a

5 a - 7 a

7 a - 11 a

11 a - 5 p

5 p - 7 p

7 p - 11 p

11 p - 5 a

5 a - 7 a

7 a - 11 a

11 a - 5 p

5 p - 7 p

7 p - 11 p

11 p - 5 a

5 a - 7 a

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5 p - 7 p

\* Information for these columns not usually received.

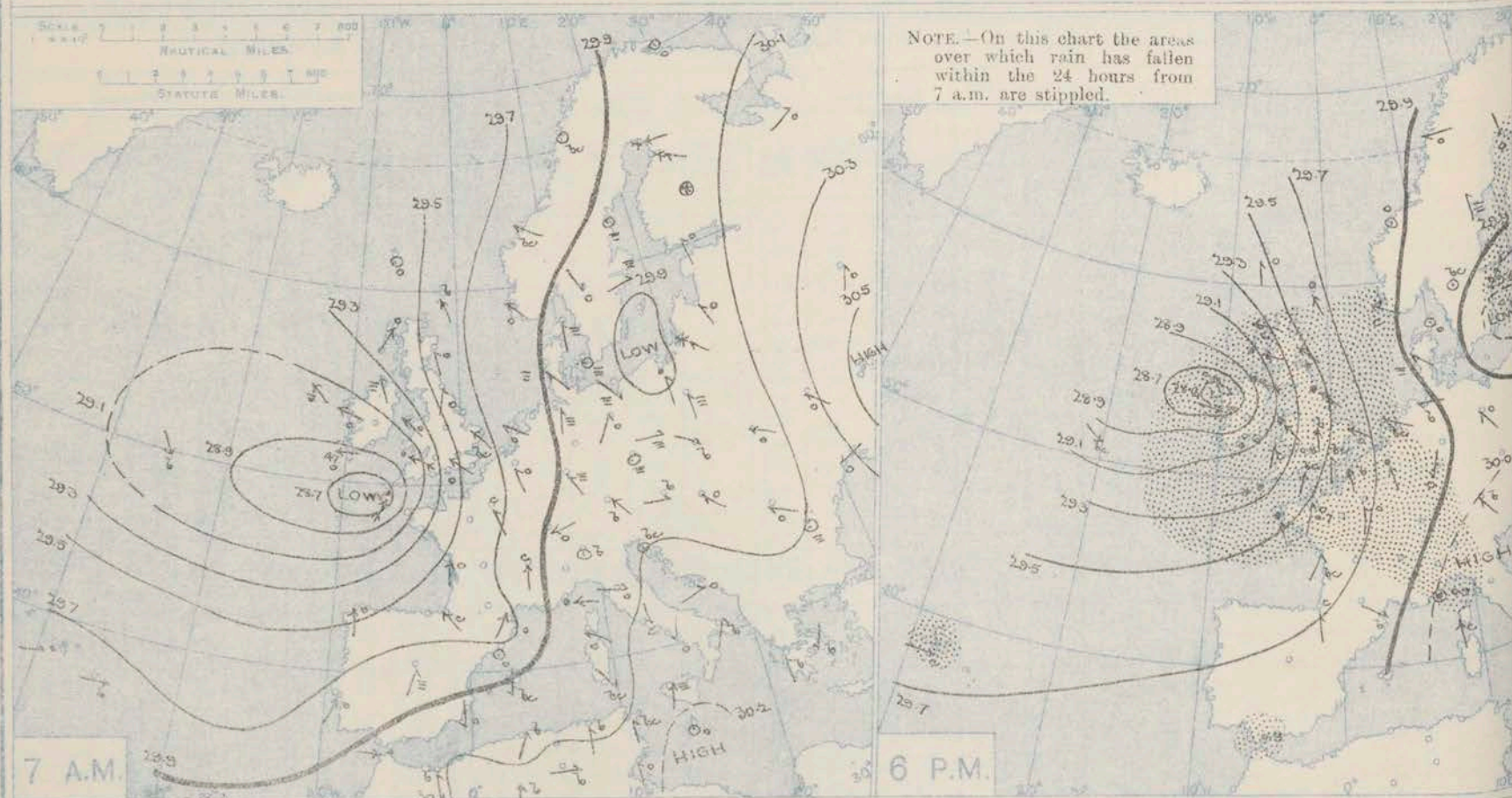
† Received too late for insertion in Charts.

DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS

Port Land	Dover	Wick	Spurn Hd.
7 a - 11 a S.E. 9	45 miles per hr. at 5 a.m.	4 p - 7 a. S.E. 9	2 p. S.E. 8
9 a - 7 p. ESE 9			
10 a - 10 p. ESE 10			
11 p - 8 p. SE 8			
8 a - 6 p. ESE 9			
7 p - 10 p. S.W. 8			
Squalls 58 miles per hr.			



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



## NOTES ON YESTERDAY'S WEATHER.

During yesterday the wind increased to a gale from the south-eastward on many parts of the English, Scottish and Irish coasts. The thermometer rose to about 50° in several localities, and the night was mild for the time of year. Rain has fallen very

generally, the largest measurements in this country being 0.7 in. at Jersey, and 0.8 in. at Bath. Very little bright sunshine was experienced.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

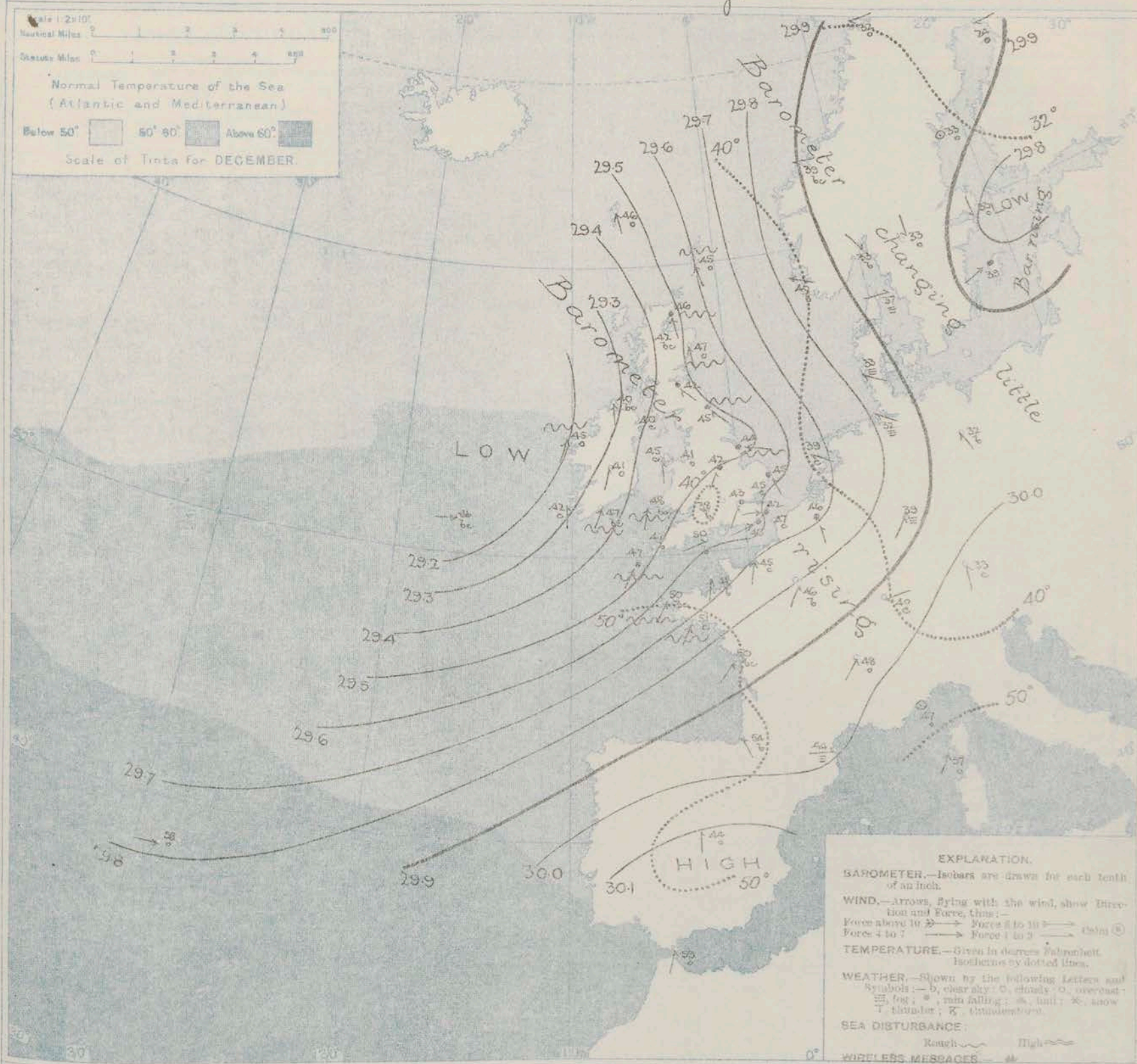
FORECAST DISTRICTS.		FORECAST DISTRICTS.	
0 { a } b }	Southerly and South-Easterly winds, decreasing in force; much cloud, some rain, fair at times; rather mild.	6 { a } b }	Southerly and South-Easterly winds, light or moderate; some showers, much cloud; mild.
1 { a } b }		7 { a } b }	Wind mainly southerly, light or moderate to fresh; some showers and mist, otherwise fair; rather mild.
2 { a } b }	Southerly and South-Easterly winds, light or moderate; some rain, then fair generally, mist or fog locally later; moderate or rather high temperature.	8 { a } b }	
3 { a } b }		9 { a } b }	Wind mainly southerly, moderate to fresh or strong, changeable, some rain, fair at times mild.
4 { a } b }		10 { a } b }	
5 { a } b }	South-Westerly and southerly winds light or moderate; mostly fair, dull at times, mist or fog locally later; moderately high temperature.	11	WESTERN CHANNEL AND BAY. South-Westerly and southerly winds, moderate or fresh; sea rather rough or moderate; mostly fair, some showers and mist.

THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Thursday, 14<sup>th</sup>

DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The deep depression of yesterday travelled in a north north-westerly direction to the Atlantic, and the lowest barometer reading reported this morning is 29.2 in. at Blackhead Point. In the south-east of France and Bavaria and the southern part of the Spanish Peninsula pressure is above 30 in., and no above 29.9 in. over nearly the whole of Scandinavia.

The wind is light or moderate from the south-westward in France and the south of these islands, moderate to fresh or strong from the southward over the more northern parts of the United Kingdom, high in the land.

Temperature remains above the normal, ranging over these islands from 50° at Portsmouth Bill, and 47° at Rock Point and Aberdeen to 38° at Bath. Rain is falling over a rather large area in Great Britain and also at Brussels and Nisby, while the sky is mostly cloudy or overcast at several stations in the south-west of these islands, however, and also at various places in France the clouds have dispersed. Fog prevails at Frankfurt, Carlsruhe and on the coast of Finland.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

A small secondary depression which appears to be moving northward over England will cause some showers during the day in its

immediate neighbourhood, but over the Kingdom generally the conditions will be fairer and quieter than of late.



## DAILY WEATHER REPORT.

Thursday 14th December, 1911.

## 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.			See Dis- tance.
	Lat. N.	Long. W.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.	Dry Bulb.	Wet Bulb.	
	°	°	In.					°	°	In.				°	°	°	
14th Dec. 4 a.m.	51	17	29.06	W	4-5	<u>Cedric</u>	14th Dec. 7 a.m.	51	15	29.11	W	4-5	bc	-	-	-	-
13th Dec. 3 p.m.	50	21	28.44	WNW	1-3	<u>do</u>	13th Dec. 6 p.m.	51	20	28.96	WNW	4-5	bc	-	-	-	-
do. 3 p.m.	55	12	28.93	SE	6-7	<u>Cashington</u>	do. 6 p.m.	55	10	28.75	SE	4-5	c	-	-	-	-
do. 4 a.m.	55	14	29.00	SE	4-5	<u>do</u>	do. 7 a.m.	55	13	29.01	SE	6-7	o	-	-	-	-
do. 4 p.m.	50	26	29.02	N	6-7	<u>Cedric</u>	do. 7 a.m.	50	25	28.93	NW	4-5	b	-	-	-	-
do. 4 a.m.	50	21	29.19	W	4-5	<u>Knoorland</u>	do. 7 a.m.	50	22	29.18	NNE	1-3	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.	50	42	bc. c. o.	0.3	0.02	Brighton, to 6 p.m.	49	41	*	0.0	0.00
Dublin (City), to 4 p.m.	49	46	c. o. r.	0	0.45	Seaford, to 6 p.m.	50	44	o. r. c.	0.1	0.00
Blackpool, to 9 p.m.	47	39	o. r. c.	0.2	0.02	Eastbourne, to 6 p.m.	50	45	*	0.0	0.02
Southport, to 9 p.m.	47	39	bc. o. r. c.	0.0	0.05	Bexhill-on-Sea, to 9 p.m.	49	40	cp. b.	0.0	0.00
Rhyl, to 6 p.m.	50	40	bc. o.	0.0	0.05	Hastings	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	50	43	*	0.0	0.00	Folkestone, to 6 p.m.	49	43	bc. cp. r. c.	0.7	0.11
Llandudno, to 9 p.m.	49	42	bc. o. r. c.	0.5	0.10	Deal, to 6 p.m.	48	42	c. bc. op. b.	0.7	0.10
Bettws-y-Coed, to 6 p.m.	50	44	*	0.0	0.13	Ramsgate, to 6 p.m.	*	*	*	2.0	0.05
Aberystwyth, to 6 p.m.	50	44	*	0.0	0.13	Margate, to 6 p.m.	48	42	bc. r. c.	1.0	0.10
Plymouth, to 9 p.m.	52	41	op. r. c.	1.6	0.23	Felixstowe, to 6 p.m.	46	39	*	0.0	0.03
Paignton, to 6 p.m.	53	44	bc. p.	2.5	0.17	Lowestoft, to 6 p.m.	46	39	bc. op. r. c.	1.6	0.04
Torquay, to 6 p.m.	53	46	*	2.5	0.15	Skegness, to 6 p.m.	45	41	c. bc. r. c.	1.9	0.04
Teignmouth, to 9 p.m.	53	46	op. r. c.	0.9	0.14	Scarborough, to 9 p.m.	45	35	op. r. c.	0.0	0.04
Weymouth, to 6 p.m.	53	46	op. r. c.	1.5	0.11	Harrogate, to 6 p.m.	45	35	bc. op. r. c.	0.0	0.05
Bournemouth, to 6 p.m.	53	41	c. bc. r. c.	7.8	0.17	Buxton, to 6 p.m.	?	?	?	0.0	0.05
Southsea, to 6 p.m.	52	44	*	1.0	0.07	Darwen, to 9 p.m.	45	39	op. r. c.	0.0	0.09
Worthing, to 6 p.m.	50	45	c.	0.2	0.05	Manchester, to 9 p.m.	45	41	op. r. c.	0.0	0.15
						Birmingham, to 9 p.m.	46	39	op. r. c.	0.0	0.11

## 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.				14th Dec. 1911.	Sunrise	Noon	Sunset
Greenwich (Royal Obs.)	89	92	48	41	bc. r. c. o.	0.12	1.3	Yarmouth	7.59	11.48	3.30
City (Banhill Row)	8	9	48	41	*	0.12	0.2	Greenwich	8.0	11.48	3.30
Westminster (St. James's Pk.)	86	93	50	42	r. m.	0.19	0.2	Wick	8.0	11.50	3.43
Camden Sq. (Brit. Rainfall)	89	97	49	41	bc. r. c.	0.22	0.0	Valencia	8.57	12.7	3.45
Hampstead (Reservoir)	4	94	47	39	op. r. c.	0.21	0.0		8.57	12.7	3.45
24 HOURS ENDED AT 6 P.M. YESTERDAY.											
South Kensington	9	9	49	44	bc. r. c.	0.04	0.4		8.44	12.36	4.27
" (Roof of M.O.)	86	93	49	44	bc. r. c.	0	0.4		8.44	12.36	4.27

## 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	59	54	o. r.	Rome	-	58	39	o. r.
Marseilles	-	52	39	b. r.	Vienna	0.24	39	42	r. c.
Malta	-	52	35	o.	Utrecht	-	43	32	b. c.
Algiers	-	63	55	c. r.	Zurich	0.04	*	*	b. c.
Tunis	-	61	45	b. bc.	Geneva	-	*	*	b. c.
Palermo	-	64	45	b. m.	Lugano	-	*	*	b. c.

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

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BRITISH ISLANDS.

ICELAND &amp; FAEROE.

SCANDINAVIA.

GERMANY, &amp;c.

FRANCE.

SPAIN, &amp;c. PORTUGAL.



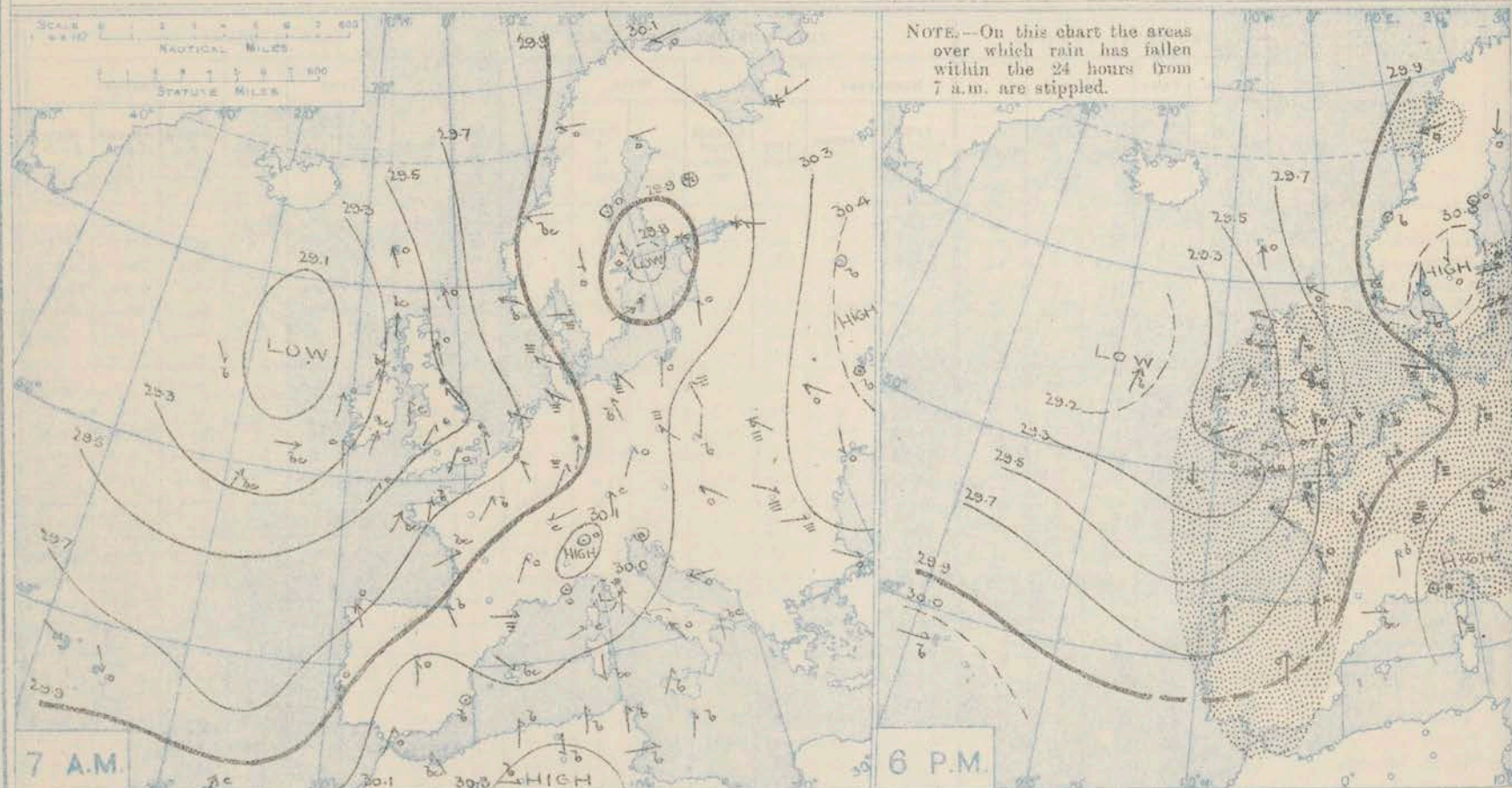
ess in the  
wrappers.

Friday  
15<sup>TH</sup> December, 1911.

† Received too late for insertion in Charts.



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



## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to about 50° over a considerable portion of the Kingdom. Rain has fallen very generally, the largest measurement reported being 0.85 in. at Pembroke; at some of our other stations the gauge has yielded about 0.5 in. In many parts of the Kingdom the

sun shone between 4 and 5 hours, the highest record being 5.5 hours at Ramsgate. A gale from SSE was experienced at Wick during yesterday morning & a strong gale from West at Lilly and from South-South-East at Lough Head during the early hours of this morning.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON FRIDAY

TO NOON SATURDAY.

- 0 {  
a  
b
- 1 {  
a  
b
- 2 {  
a  
b
- 3 {  
a  
b
- 4 {  
a  
b
- 5 {  
a  
b
- Southerly and South-Easterly winds, fresh or strong, a gale in places; dull, rainy; mild.
- Wind between South-East and South-West, fresh or strong, a gale locally; much cloud, rain at times; mild.

### FORECAST DISTRICTS.



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

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

- 6 {  
a  
b
- 7 {  
a  
b
- 8 {  
a  
b
- 9 {  
a  
b
- 10 {  
a  
b
- Same as Nos 0 to 2.
- Wind varying greatly, both in direction and force; changeable, rain at times; mild.
- Westerly to southerly winds, strong to a gale, then moderate; changeable, some rain; mild.
- Wind mainly between South and West, varying in force; changeable, rain at times; rather mild.

### THE FURTHER OUTLOOK to all districts.

General conditions continuing unsettled and rather mild.

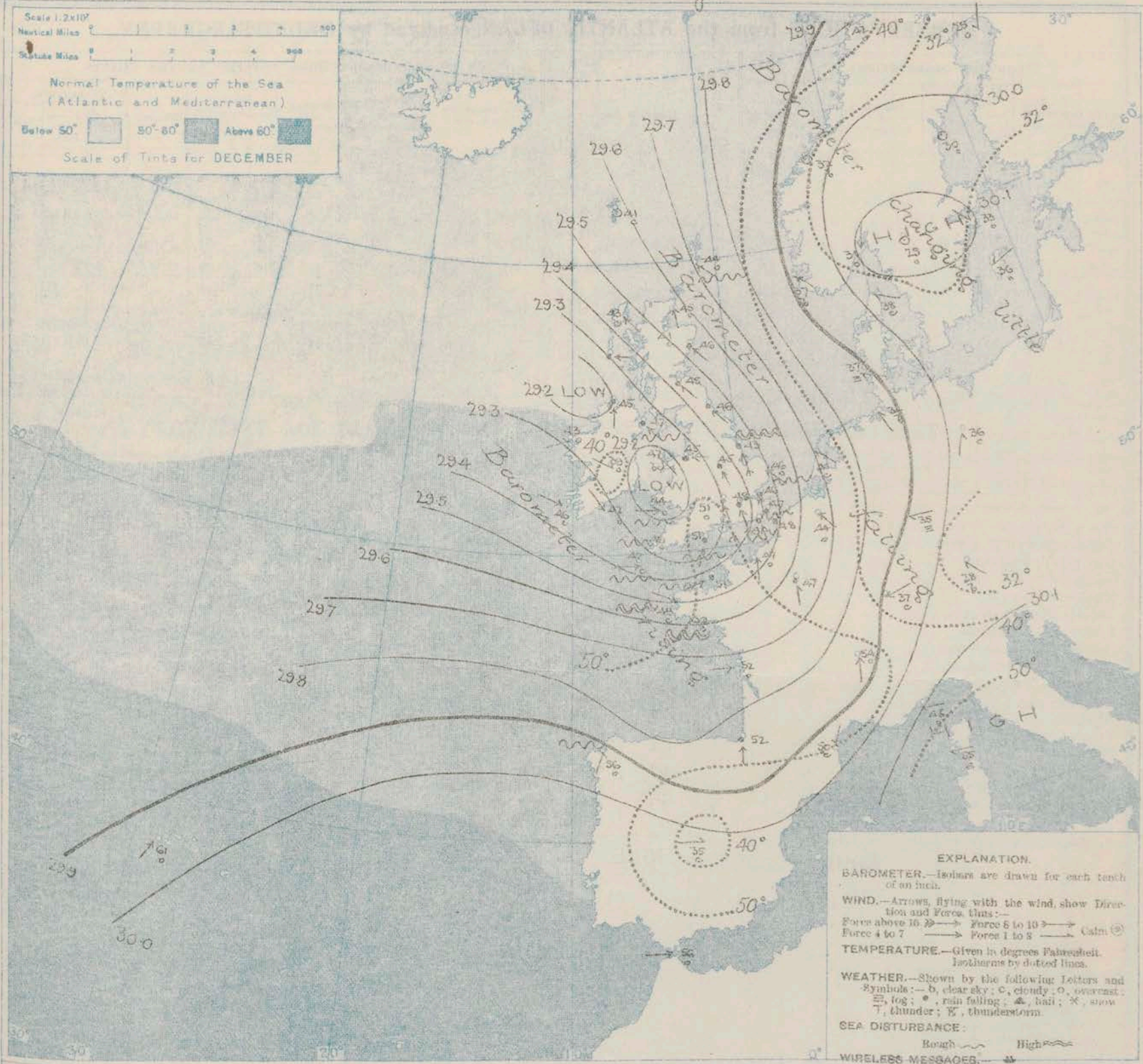
### 11 WESTERN CHANNEL AND BAY.

Westerly strong winds or gales, then fresh southerly breezes; sea rough; much cloud, some rain and mist.



# SYNOPTIC CHART FOR 7 A.M. Friday, 15<sup>th</sup>

DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.1 in. over the south of Scandinavia and also over the Gulf of Genoa and Corsica, while in a complete depression extending from the Atlantic across the north of Ireland and Wales and the Bristol Channel it is below 29.2 in. A fresh fall of the mercury has set in at the Azores.

The wind is moderate from the North-Westward in the south of Ireland, strong to a gale from the Westward over the Bristol Channel and the western part of the English Channel, and fresh or strong from the South-Eastward in nearly all parts of England, Scotland and the north of Ireland;

at Spion Kop the South-Easterly wind has the force of a gale. Temperature continues above the average over the United Kingdom and France, ranging from 54° at Lyons, 51° at Jersey and Portland Bill, and also at Bath to 44° at Nain, and to 35° at Bir Castle. Rain is falling in almost all parts of Great Britain and in the north of Ireland, as well as at Biarritz and in the north-east of France, and the sky is very cloudy or overcast in most parts of our area. At some stations in Germany and Norway, however, the weather is bright.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The winds and the weather over the United Kingdom will be under the direct influence of the cyclonic disturbances at present lying over the western

districts during the ensuing 24 hours, and there are indications that other disturbing systems will subsequently advance from the south-westward or southward.



## DAILY WEATHER REPORT.

Friday, 15th December 1911.

## 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.
14th Dec. 3 p.m.	55	13	29.14	W	4-5	Victorian	14th Dec. 6 p.m.	55	16	29.16	SSW	4-5	b	-	-	-
do. 3 p.m.	49	13	29.30	SW	4-5	Olympic	do. 6 p.m.	49	11	29.26	N	4-5	c	-	-	-
do. 3 p.m.	51	8	29.36	E	1-3	Philadelphia	do. 6 p.m.	51	9	29.20	E	1-3	o	-	-	-
do. 4 a.m.	49	51.9	29.24	SW	1-3	Olympic	do. 7 a.m.	49	18	29.25	SW	4-5	b	-	-	-
do. 4 a.m.	50	23	29.11	N	1-3	Victorian	do. 7 a.m.	50	21	29.13	NW	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.	50	44		Hrs.	In.	Brighton, to 6 p.m.	50	45		Hrs.	In.
Dublin (City), to 4 p.m.	48	40	r. b. c. o	*	0.10	Seaford, to 6 p.m.	50	45	r. c. b. o	3.5	0.14
Blackpool, to 9 p.m.	46	38	m. c. ov	4.3	0.05	Eastbourne, to 6 p.m.	51	45	*	4.2	0.24
Southport, to 9 p.m.	46	39	ov. c. b. o	4.3	0.10	Bexhill-on-Sea, to 9 p.m.	50	44	r. o	3.6	0.18
Rhyl, to 6 p.m.	48	39		4.4	0.02	Hastings ...	*	*	*	3.6	*
Colwyn Bay, to 6 p.m.	47	43	bc. b. bc	4.0	0.03	Folkestone, to 6 p.m.	50	43	bc. cr. b. o	4.1	0.07
Llandudno, to 9 p.m.	49	39	ov. b. bc. ov	2.5	0.01	Deal, to 6 p.m.	49	43	ov. bc. c. o	4.7	0.05
Betiws y-Coed, to 6 p.m.	48	36	p. b	2.0	*	Ramsgate, to 6 p.m.	*	*	*	5.5	0.04
Aberystwyth, to 6 p.m.	50	40	*	2.5	0.23	Margate, to 6 p.m.	50	42	*	5.3	0.08
Plymouth to 9 p.m.						Felixstowe, to 6 p.m.	49	41	*	4.9	0.03
Paignton, to 6 p.m.	51	38	cop. ov. bc	1.5	0.64	Lowestoft, to 6 p.m.	48	38	cop. c. b. m	2.3	0.05
Torquay, to 6 p.m.	51	40	*	1.7	0.41	Skegness, to 6 p.m.	45	40	r. b	3.8	0.24
Teignmouth, to 9 p.m.	51	40	r. b. ov	1.7	0.64	Scarborough, to 9 p.m.	45	35	o. cr. c	1.5	0.32
Weymouth, to 6 p.m.	52	43	r. c. p. o	2.6	0.53	Harrogate, to 6 p.m.	42	38	ov. c. bc. o	0.1	0.34
Bournemouth, to 6 p.m.	51	41	*	2.8	0.36	Buxton, to 6 p.m.	43	37	ov. r. bc. ov	4.5	0.02
Southsea, to 6 p.m.	52	43	*	3.5	0.47	Darwen, to 9 p.m.	43	37	bc. ov. ov	2.0	0.56
Worthing, to 6 p.m.	51	41	c. b	4.1	0.28	Manchester, to 9 p.m.	48	40	ov. bc. op	3.5	0.40
						Birmingham, to 9 p.m.	45	38	r. o. c. r	0.8	0.25

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	SUNSET FOR STATIONS IN THE UNITED KINGDOM AND TO-MORROW.															
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				15th 16th 17th 18th 19th 1911.	Sunrise	Noon	Sun.												
24 HOURS ENDED AT 9 A.M. TO-DAY.					In.	Hrs.	Yarmouth ... ..	G.M.T.	G.M.T.	G.M.													
Greenwich (Royal Obsy.) ...	%	%	50	43	b. o. ov	0.42	5.3	Yarmouth ... ..	8.0	11.48	3.36												
City (Banhill Row) ...	*	*	*	*	*	*	0.9					Greenwich ... ..	8.1	11.55	3.49								
Westminster (St. James's Pk.)	85	92	52	44	bc. r	0.41	3.9									Wick ... ..	8.58	12.7	3.16				
Camden Sq. (Brit. Rainfall)	83	89	50	42	bc. c. ov	0.37	2.8													Valencia... ..	8.45	12.36	4.27
Hampstead (Reservoir) ...	*	93	48	44	bc. o. ov	0.38	2.9																
24 HOURS ENDED AT 6 P.M. YESTERDAY.					0.16	3.6	8.46	12.37	4.2														
South Kensington ...	*	*	51	42	r bc c ov	0.16	3.6	8.45	12.36	4.27													
" (Roof of M.G.)	80	87	51	43	*	*																	

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

15th Dec. 1911.	Sunrise	Noon	Sunset
	G.M.T.	G.M.T.	G.M.T.
Yarmouth ...	8.0	11.48	3.56
Greenwich ...	8.1	11.49	3.49
Wick ...	8.1	11.55	3.43
Valencia ...	8.58	12.7	3.16
	9.0	12.8	3.15
	8.45	12.36	4.27
	8.46	12.37	4.27

## 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.	*	*	o. o	Rome ...	In.	*	*	o. o
Marseilles ...	-	59	52	o. bc	Vienna ...	-	41	32	b. bc
Malta ...	-	64	55	b	Utrecht ...	0.04	41	34	c. o
Algiers ...	-	73	59	bc. b	Zürich ...	0.51	*	*	r. r
Tunis ...	-	64	46	b. b	Geneva ...	0.04	*	*	r. o
Palermo ...	-	65	44	b. b	Lugano ...	0.32	*	*	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, 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.



Sea.	Sea Dis- turb- ance.
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Saturday  
16th December, 1911.

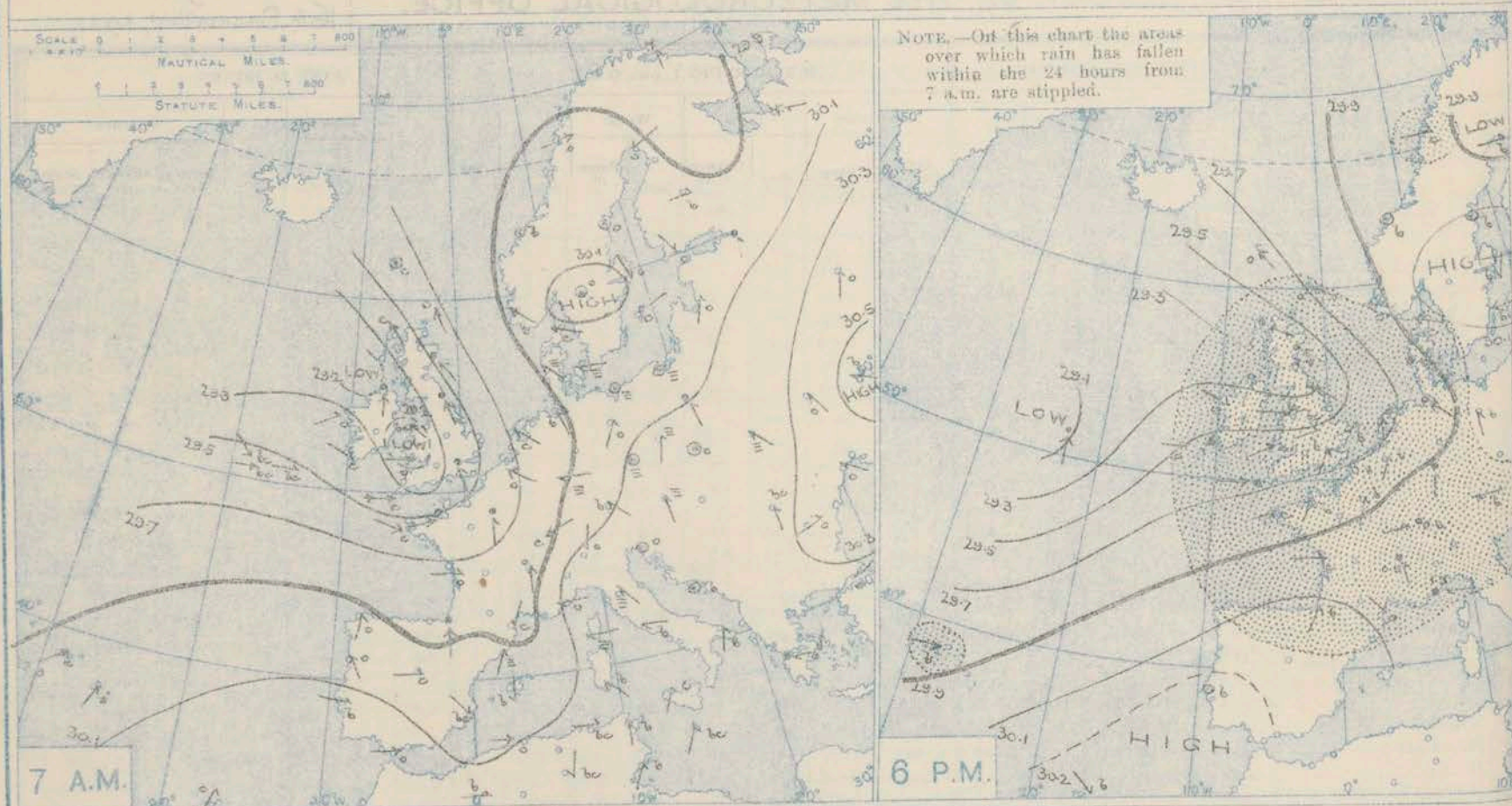
Sea.	Sea Dis- turb- ance.
------	-------------------------------

\* Received too late for insertion in Chartz

ss in the  
wrappers.



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



## NOTES ON YESTERDAY'S WEATHER.

During yesterday gales were experienced on several parts of the English and Scottish coasts, mainly from between South and South-East. Temperature rose to 50° or slightly higher at some of our western, south-western and southern stations, and the night was again

mild generally. Over the Kingdom as a whole the day was dull, and rain fell in most places, but in the S.W. and W. the sun shone for some hours, the highest record being 6.3 hours at Birn Castle.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SATURDAY

TO NOON SUNDAY.

- |   |                                                                                                                                                  |
|---|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 0 | a } South Easterly and Southerly winds, fresh or strong, a gale locally; much cloud, rain at times; mild.                                        |
| 1 | b }                                                                                                                                              |
| 2 | a } Southerly or South Easterly winds, increasing in force; fair, then dull, with some rain; mild.                                               |
| 3 | b }                                                                                                                                              |
| 4 | a } Southerly and South Westerly winds, increasing in force; fair, then becoming dull, with some rain; temperature continuing above the average. |
| 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 Coast	South Coast
North Coast	North Coast

- |    |                                                                                                                                |
|----|--------------------------------------------------------------------------------------------------------------------------------|
| 6  | a } Southerly and South Westerly winds, fresh or strong, a gale in several places; becoming squally and rainy generally; mild. |
| 7  | b }                                                                                                                            |
| 8  | a }                                                                                                                            |
| 9  | b }                                                                                                                            |
| 10 | a }                                                                                                                            |
|    | b }                                                                                                                            |

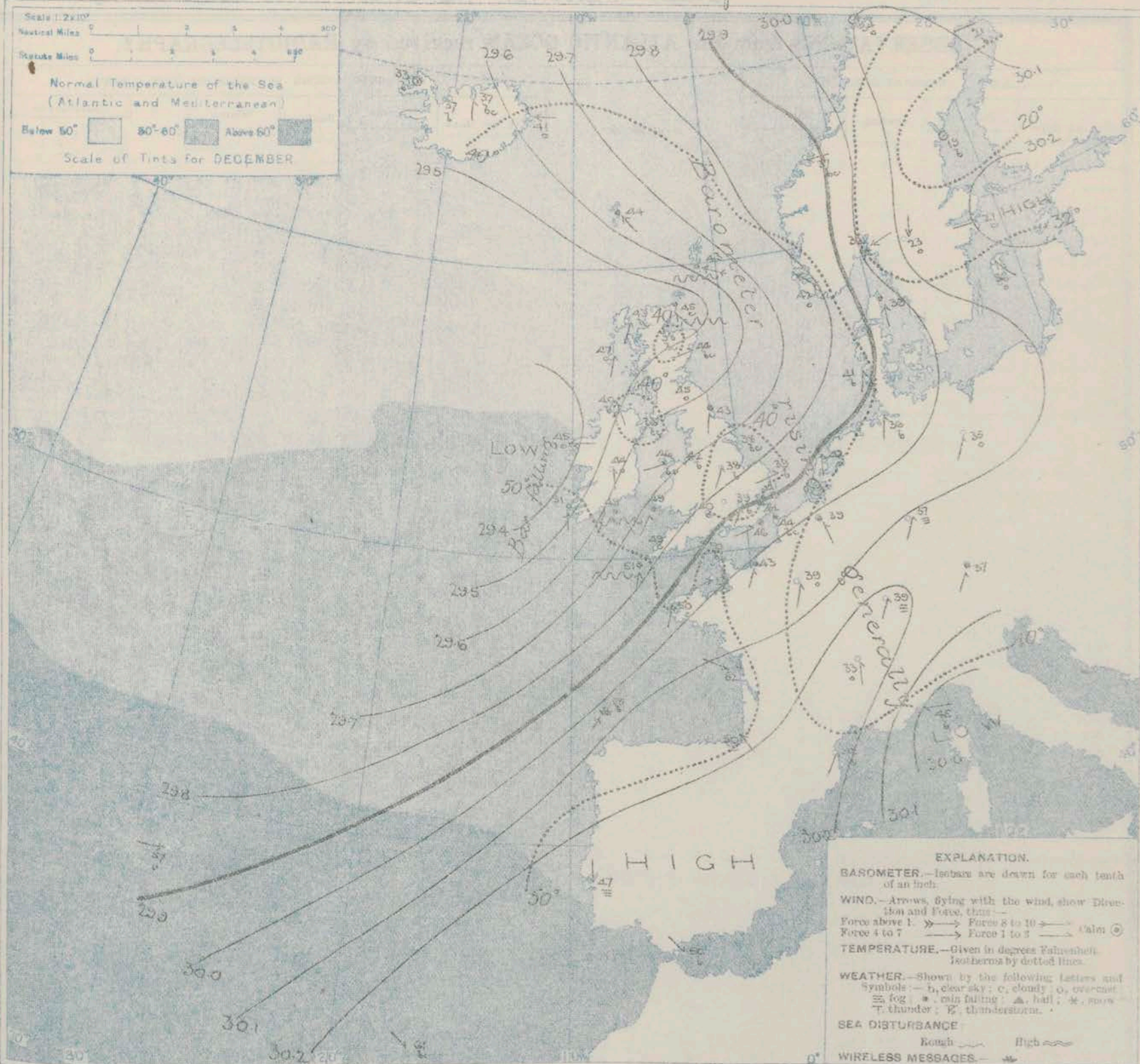
### 11 WESTERN CHANNEL AND BAY.

Southerly and South Westerly winds, fresh or strong to a gale; sea rough; rainy, squally, some mist.

THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Saturday, 16<sup>th</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.1 in over a large area in the northern and northern regions of Europe, where it decreases to below 29.4 in a depression off the west coast of Ireland. The gradient is at present moderate or slight, but is increasing decidedly in the west of these islands.

The wind is light or moderate from the southward or south-westward over the United Kingdom generally and the nearer portions of the Continent, but draws into south-east on the south-west coast of Norway, and also at Lenoek and blows with the force of a gale.

Temperature has fallen in most regions, but is rising again in Ireland. In the central parts of Scotland, and in eastern and central England, as well as in the north-east of Ireland the readings are a little below 40°, but at Portland Bill and Jersey the thermometer marks 50°, and at Scilly and Valencia 51°. Rain is falling at North Shields, a few of our south-western stations and also to the northward of Scotland over these islands generally. However, the weather is fairer than of late—much cloud prevails over France and Germany, with rain in isolated places, but in the extreme south of the latter country and also in the north of Sweden the skies are clear. Snow or rain is falling in the Stages Park.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The new depression which is advancing on Ireland will probably cause a renewal of strong winds and gales from the southward and south-westward.

On all our western and south-western coasts, and unsettled, rainy weather over the Kingdom generally.



## DAILY WEATHER REPORT.

Saturday, 16th December 1911.

## 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- tance.
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air.		Sea.	
														Dry Bulb.	Wet Bulb.		
	"	"	In.					"	"	In.				"	"	"	
14th Dec. 11am	44°15'	8°45'	30.04	SW	3	H. M. S.	16th Dec. 7am	44°50'	8°20'	30.08	SW	5	b	58	56	55	3
15th Dec. 3pm	51	15	29.52	W	6-7	Francisco	15th Dec. 6pm	51	15	29.54	W	6-7	c	-	-	-	-
do. 3pm	51	14	29.35	S	4-5	Philadelphia	do. 6pm	51	21	29.10	S	6-7	r	-	-	-	-
do. 4am	51	18	29.42	WNW	6-7	Megantic	do. 7am	51	17	29.43	W	6-7	bc	-	-	-	-
do. 4am	51	15	29.33	WSW	1-3	Philadelphia	do. 7am	51	15	?	W	1-3	bc	-	-	-	-
do. 4am	51	12	29.30	NW	6-7	Francisco	do. 7am	51	18	?	NW	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.			
				Hrs.	In.					Hrs.	In.
Oban, to 6 p.m. ... ..	47	41	or. c. o	0.0	0.01	Brighton, to 6 p.m. ... ..	49	45	*	0.8	0.4
Dublin (City), to 4 p.m. ...	46	39	or. g. b	*	0.82	Seaford, to 6 p.m. ... ..	50	48	r. o. b	1.7	0.39
Blackpool, to 9 p.m. ... ..	48	40	or. c	0.0	0.41	Eastbourne, to 6 p.m. ... ..	51	47	*	1.6	0.39
Southport, to 9 p.m. ... ..	48	43	or. o. b. b	0.1	0.18	Bexhill-on-Sea, to 9 p.m. ...	46	47	-	1.8	0.30
Rhyl, to 6 p.m. ... ..	47	39	bc. r. o	0.0	0.08	Hastings ... ..	*	*	*	1.7	*
Colwyn Bay, to 6 p.m. ... ..	48	42	bc. p. o. o	0.0	0.08	Folkestone, to 6 p.m. ... ..	50	46	or. c. b. c	0.6	0.18
Llandudno, to 9 p.m. ... ..	48	42	or. c. m. o	0.0	0.15	Deal, to 6 p.m. ... ..	51	44	or. c. b. c	0.8	0.28
Bettws-y-Coed, to 6 p.m. ...	48	36	70	0.0	*	Ramsgate, to 6 p.m. ... ..	*	*	*	0.5	0.23
Aberystwyth, to 6 p.m. ... ..	48	40	*	1.5	0.22	Margate, to 6 p.m. ... ..	50	42	r. b. o	0.0	0.23
Plymouth, to 9 p.m. ... ..	52	45	bc. b. c	3.8	0.07	Felixstowe, to 6 p.m. ... ..	48	41	*	0.1	0.20
Paignton, to 6 p.m. ... ..	50	45	or. or. bc. b. c	2.9	0.66	Lowestoft, to 6 p.m. ... ..	48	37	bc. o. c. p. c	0.1	0.09
Torquay, to 6 p.m. ... ..	51	42	*	3.3	0.68	Skegness, to 6 p.m. ... ..	48	43	r. c. o	0.0	0.14
Teignmouth, to 9 p.m. ... ..	51	46	r. b. g. c. p. c	2.5	0.63	Scarborough, to 9 p.m. ... ..	47	39	or. g	0.0	0.45
Weymouth, to 6 p.m. ... ..	50	46	r. c. b. c. b	1.3	0.43	Harrogate, to 6 p.m. ... ..	45	39	or. g. c. p. c	0.0	0.74
Bournemouth, to 6 p.m. ... ..	50	44	d. o. c. b. c	1.8	0.26	Buxton, to 6 p.m. ... ..	45	39	c. r. c. b. c	0.0	0.44
Southsea, to 6 p.m. ... ..	50	45	*	0.8	0.44	Darwen, to 9 p.m. ... ..	45	40	or. g. c. m	0.0	1.01
Worthing, to 6 p.m. ... ..	49	43	c	0.7	0.41	Manchester, to 9 p.m. ... ..	49	41	o. or. c. b	0.0	0.50
						Birmingham, to 9 p.m. ... ..	47	41	r. c. b	0.0	0.91

## LONDON OBSERVATIONS.

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.						
	%	%				in.	Hrs.
Greenwich (Royal Obsy.) ...	76	95	51	38	o. o/p. bc. bc	0.01	0.0
City (Bunhill Row) ...	*	*	*	*	*	*	0.0
Westminster (St. James's Pk.)	78	92	52	39.	r. bc. m	-	0.0
Camden Sq. (Brit. Rainfall)	76	95	51	36	od. c. om	0.01	0.0
Hampstead (Reservoir) ...	*	92	48	38	r. bc. b. b.m	0.02	0.0
24 HOURS ENDED AT 6 P.M. YESTERDAY.							
South Kensington ...	*	*	51	46	} org. ed. c. bc	0.41	} 0.0
" " (Roof of M.O.)	74	86	52	47		*	

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

STATIONS.	16th Dec. 1911.		Sunrise	Noon	Sunset
	G.M.T.	G.M.T.			
Yarmouth	8.1	11.49	3.34		
Greenwich	8.2	11.56	3.49		
Wick	9.0	12.8	3.12		
Valencia	8.46	12.37	4.27		

## 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.	63	57	o. o	Rome	0.32	58	50	o. b
Marseilles	-	61	52	o. o	Vienna	-	37	34	f. b
Malta	-	66	57	bc	Utrecht	0.08	48	37	b. f
Algiers	-	70	57	c. o	Zürich	0.04	*	5	b. f
Tunis	-	68	48	b. b	Geneva	0.28	*	*	o. o
Palermo	-	71	45	b. c	Lugano	-	*	*	b. o

NOTE.—The information relating to weather is indicated by the following letters: b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; 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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1911.

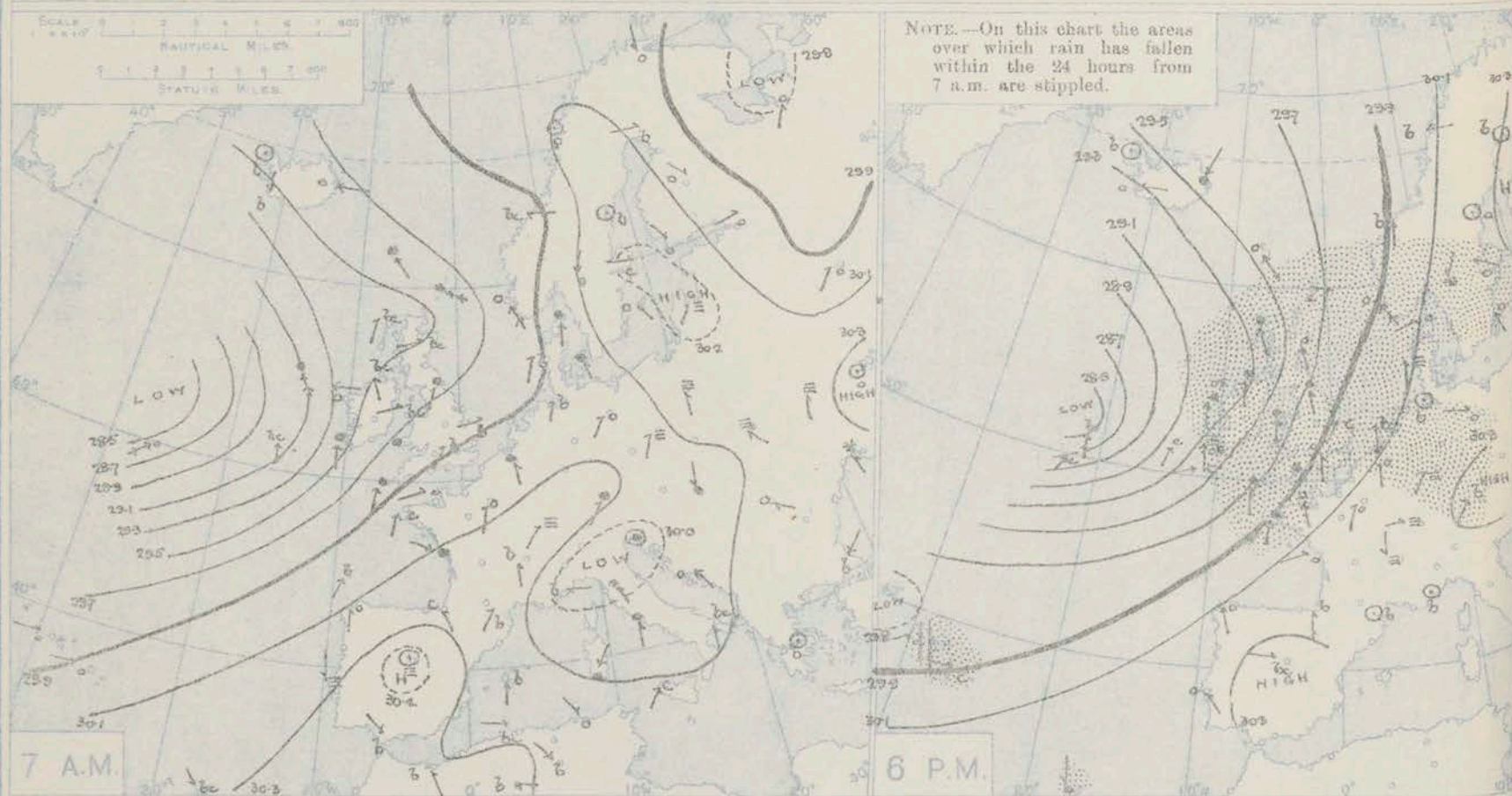
## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday  
17th December, 1911.

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 82° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 82° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since 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 ...	29.55	45	ESE	2	c	29.40	-0.6	48	+5	SSE	8	r	6	0.24	48	42	*	om	om	om	om	
	Stornoway ...	29.40	45	SSE	5	od	29.33	+0.2	48	+5	S	6	eq	5	0.29	50	43	0.3	c	c-od	spg	spg	
	Castlebay (Barra Isd.)	29.30	49	SE	5	d	29.30	+0.1	48	+1	SSE	5	o	5	0.27	50	44	0.1	c-ogp	ogp-t-3	a-t-c-3	a-t-c-3	
	Malin Head...	29.24	50	S	5	opm	29.31	-0.2	46	+6	S	5	bcg	4	0.02	52	38	*	omg	ogpm	bcg	bcg	
	Blacksod Point	29.19	50	S	7	r	29.21	-0.2	49	+4	W	7	c	5	0.51	54	45	*	om	omg	bcg	bcg	
	Valencia ...	29.34	51	S	5	m	29.33	+0.1	48	-3	S	5	bc	4	0.58	53	46	0.0	om	om	bcg	bcg	
	Roche's Point	29.44	51	SSW	3	o	29.47	*	50	+1	SW	5	c	6	0.46	51	48	*	om	om-o	p-b-c	p-b-c	
	Birr Castle ...	29.36	52	S	4	r	29.40	*	48	+2	S	4	r	4	0.18	53	43	0.0	or	or	or-2	or-2	
	Donaghadee ...	29.48	50	SSW	4	r	29.51	-0.2	48	+12	SSE	2	b	3	0.22	52	36	*	org	or-2	b-g-l	b-g-l	
	Liverpool Obsy.	29.70	46	SE	4	o	29.69	-0.0	50	+8	S	3	b	2	0.12	53	39	0.2	bc	or	bcg	bcg	
	Holyhead ...	29.57	50	S	7	rgm	29.59	-0.2	50	+4	S	6	o	5	0.21	50	45	*	ogm	ogm	c-cpm	c-cpm	
	Pembroke (St Ann's Hd.)	29.61	50	S	6	r	29.63	-0.4	51	+2	S	5	ogm	6	0.32	53	49	0.0	opm	ogm	rgm	rgm	
	Newquay ...	29.68	53	S	5	r	29.71	*	53	+4	S	6	om	3	0.12	53	50	0.5	c-o	c-o	or-om	or-om	
	Scilly (St. Mary's)	29.63	53	S	6	orgm	29.65	-0.3	52	+1	S	5	ogm	5	0.09	53	50	0.0	opm	orgm	opm	opm	
	Jersey (St. Aubin)	29.97	51	SSE	5	ogm	29.99	*	52	+2	S	3	odp-gm	3	0.05	54	49	0.0	ogm	c-ogm	bc-cp	bc-cp	
	Portland Bill	29.85	51	SSW	5	ogp	29.82	-0.2	52	+2	SSW	6	c	6	0.12	52	50	0.1	bc-c	c-ogp	or	or	
	Dungeness ...	29.96	50	SW	3	c	29.95	+0.1	51	+5	SSW	6	rg	5	Trace	51	46	2.4	bc-c	c	op-og	op-og	
	Dover ...	29.99	48	WSW	4	o	30.00	*	50	+6	SW	6	r	5	0.03	50	44	3.8	bc-b-bc	c-o	op-3-r	op-3-r	
	Wick ...	29.53	46	SSW	3	c	29.43	+0.4	46	+1	SSW	3	c	4	0.13	47	43	*	bc-c	om	c-omcp	c-omcp	
	Nairn ...	29.50	45	SSE	1	o	29.41	*	45	+7	SSE	4	b	2	0.14	53	37	0.9	c	o	rg-b	rg-b	
	Aberdeen ...	29.62	44	SSE	4	o	29.52	+0.4	46	+2	SSW	4	b	4	0.21	48	42	1.3	om-bc	bcmap	on-b	on-b	
	Leith ...	29.60	49	SSE	1	o	29.52	+0.3	50	+5	SW	3	b	*	0.07	53	44	*	c	c-op	od	od	
	North Shields	29.73	44	SSE	3	r	29.66	+0.4	48	+5	-	0	o	3	0.06	50	41	2.5	-	-	-	-	
	Spurn Head	29.83	43	SSE	5	r	29.76	-0.0	49	+11	S	7	cgm	6	0.08	49	38	*	bc	om	om-og	om-og	
Yarmouth ...	29.95	46	SW	3	c	29.91	+0.4	49	+10	S	3	c	3	0.10	50	37	5.9	b	bc-c	cpc-r	cpc-r		
Clacton-on-Sea	29.96	45	SSE	3	o	29.94	-0.0	47	+6	S	4	o	3	0.03	48	40	5.1	b-bc	bc-odp	odp	odp		
Nottingham...	29.82	48	S	3	o	29.77	*	51	+13	S	4	o	*	0.03	53	37	1.8	bc-odm	op	op	op		
Bath ...	29.84	51	SE	2	p	29.83	*	52	+13	SW	4	r	*	0.29	54	40	0.0	-	-	-	-		
Oxford ...	29.86	50	S	5	o	29.85	*	52	+15	S	6	o	*	0.07	53	37	*	bc-o	or-o	od-r-o	od-r-o		
London (Kew Obsy.)...	29.93	49	S	3	o	29.91	-0.0	52	+13	SW	5	o	*	0.02	52	37	1.5	bc-c-om	odm-o	or-o	or-o		
ICELAND & FAEROE.	Isafjord...	29.45	31	-	0	b	29.03	*	41	+2	E	5	r	4	*	*	*	*	*	*	*	*	
	Reykjavik	29.21	41	E	3	o	28.76	-0.5	40	+5	E	5	o	*	*	*	*	*	*	*	*	*	
	Seydisfjord	29.54	38	NE	4	r	29.15	-0.6	39	-2	NE	5	r	*	*	*	*	*	*	*	*	*	
	Thorshavn	29.51	45	SE	6	o	29.18	-0.3	47	+3	S	5	o	*	*	*	*	*	*	*	*	*	
	SCANDINAVIA.	Haparanda ...	30.30	2	-	0	b	30.30	+0.2	26	+5	SW	2	o	*	-	2	1					
Hernösand ...		30.23	23	-	0	o	30.26	-0.1	30	+11	-	0	o	*	-	30	18						
Stockholm ...		30.28	24	SE	2	o	30.29	-0.0	36	+9	SE	2	o	*	Trace	36	25						
Wisby ...		30.25	36	SSE	2	o	30.28	-0.0	38	+2	SSE	2	r	*	0.04	39	34						
Karlstad ...		30.20	33	NNE	2	s	30.21	-0.0	35	+12	-	0	f	*	0.12	36	23						
Færder (X'tania Fjord)		30.11	35	NE	2	m	30.14	-0.0	40	+8	SSE	3	o	2	0.32	40	32						
Bodö ...		30.07	32	E	2	b	29.96	-0.1	34	0	E	4	bc	2	-	34	32						
Christiansund		29.89	41	S	1	b	29.86	-0.2	43	+6	ESE	2	c	3	-	43	28						
Skudesnaes ..		29.90	44	SE	8	o	29.86	-0.5	44	+2	SE	9	r	6	0.08	45	41						
The Scaw (Skagen)...		30.10	41	WSW	2	o	30.17	+0.1	41	+2	SSW	3	o	1	0.12	41	37						
Blaavands Huk ...	30.10	40	S	1	m	30.13	-0.1	39	-2	S	3	m	2	-	41	37							
GERMANY, &c.	Cuxhaven ...	30.14	36	-	0	b	30.18	+0.1	34	-2	S	2	o	*	-	41	34						
	The Helder ...	30.08	38	S	3	o	30.04	-0.0	44	+2	S	4	o	3	0.04	45	37						
	Brussels ...	30.13	42	S	2	o	30.13	+0.1	47	+8	S	3	o	*	Trace	47	39						
	Berlin ...	30.17	42	W	2	o	30.31	+0.2	37	+2	SW	1	o	*	Trace	43	35						
	Frankfurt ...	30.25	42	SW	1	f	30.30	+0.1	39	+2	SW	1	c	*	Trace	43	36						
	Munich ...	30.33	35	SW	4	b	30.46	+0.1	28	-9	SE	1	b	*	0.12	37	27						
FRANCE.	C. Gris Nez...	29.99	46	S	4	c	30.02	+0.1	49	+5	S	5	o	4	0.03	50	44						
	La Hève ...	30.05	46	SSW	4	c	30.05	*	48	+5	S	3	o	3	-	48	39						
	Brest (St. Mathieu)	29.90	52	SSW	6	r	29.86	-0.2	51	+1	S	7	r	7	0.24	54	50						
	Lorient (Bec Melen)...	29.99	53	SSW	6	o	30.00	*	54	0	S	5	r	6	0.04	55	48						
	Rochefort (Ile d' Aix)	30.16	51	WSW	3	o	30.10	*	44	-8	SSE	3	bc	*	-	54	43						
	Biarritz ...	30.22	55	S	3	b	30.15	*	51	+1	SSW	3	b	2	-	55	36						
SPAIN, PORTUGAL, &c.	Paris ...	30.14	46	S	2	c	30.19	+0.1	48	+9	SSW	3	o	*	-	48	38						
	Belfort ...	30.26	40	WSW	2	m	30.38	*	32	-7	ENE	4	b	*	-	48	29						
	Lyons ...	30.28	42	N	1	f	30.35	*	34	-2	SE	1	f	*	-	48	30						
	Nice ...	30.06	46	-	0	b	30.25	+0.4	46	+1	E	1	c	3	-	52	41						
	Perpignan ...	30.25	48	-	0	b	30.25	+0.1	37	-5	SW	1	c	*	-	60	36						
	Sanguinaire...																						



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



## NOTES ON YESTERDAY'S WEATHER.

High temperatures have ruled over the British Isles during the past 24 hours, the maxima — 50° to 54° — occurring in the night at numerous stations. Rain has fallen everywhere, exceeding  $\frac{1}{2}$  in. in the west of Ireland. Yarmouth had 6 hours of bright sunshine, and eastern and south-eastern England generally

had a fair amount, but other districts had little or none. As far west as the 25th meridian ships encountered South-Easterly to South-Westerly winds, strong to a gale, and fair to rainy weather. A South-Easterly gale was felt in Shetland yesterday morning, and again during the night.

## 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 Omata 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

11 WESTERN CHANNEL AND BAY.

THE FURTHER OUTLOOK.

*No one issued.*

*No one issued.*



SYNOPTIC CHART FOR 7 A.M. SUNDAY, 17<sup>TH</sup> DECEMBER 1911

NOTES ON THE GENERAL SITUATION AT 7 A.M.

An area of high pressure prevails from Madeira across the Peninsula to northern, central, eastern and north-eastern Europe, the barometer being at about 30.5 in. over Barcelona. Out on the Atlantic there is a very extensive and deep cyclonic system, with the barometer at 28.5 in. from Ireland down to the 50th parallel. Another depression is approaching the Azores from the Westward, the barometer having dropped quickly to 29 in. at Ponta. Excepting over the Continental countries the pressure gradient is steep.

Southerly winds are reported over nearly the whole of the region under observation, fresh or strong in many parts of the United Kingdom, a gale in Shetland, the mouth of Norway and on the Ocean as far west

as the 22nd meridien. Abnormal mildness prevails, temperature at the home stations ranging from  $16.5^{\circ}$  at Major to  $53^{\circ}$  at Bath and Neway; on the Continent from  $28^{\circ}$  at Munich to  $55^{\circ}$  at Courmayeur and Spiez; in Scandinavia from  $26^{\circ}$  at Haparanda to  $46^{\circ}$  at Skutumpah; and in Iceland from  $37^{\circ}$  to  $42^{\circ}$ . The weather in air is fine in a few localities, but generally it is in a very unsettled state, squally and rainy in many places. A high sea is running at the head of the Bay, and it is rough or rather rough on various parts of our coasts.



## DAILY WEATHER REPORT.

Sunday, 17th December, 1911.

## 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.	
	"	"	In.					"	"	In.				"	"	"	
Dec. 17th 3pm	49	14	29.26	SW	6-7	<u>Minnetonka</u>	Dec. 17th 6pm	49	13	29.30	SSW	8-9	0	-	-	-	-
" " 4am	49	14	29.04	WSW	6-7	<u>do.</u>	" " 7am	49	17	29.15	WSW	6-7	T	-	-	-	-
Dec. 16th 3pm	51	11	29.26	SSW	6-7	<u>Empress of Britain</u>	Dec. 16th 6pm	51	12	29.19	SSW	6-7	c	-	-	-	-
" " "	50	10	29.45	WSW	6-7	<u>Marquette</u>	" " "	50	10	29.44	WSW	6-7	c	-	-	-	-
" " "	51	19	28.59	S	8-9	<u>Celtic</u>	" " "	51	20	28.48	S	8-9	bc.	-	-	-	-
" " "	51	15	29.08	S	6-7	<u>do</u>	" " 7am	51	16	28.95	S	6-7	bc.	-	-	-	-
" " "	55	15	29.04	SE	8-9	<u>Columbia</u>	" " "	55	14	29.05	SE	8-9	T	-	-	-	-
" " "	49	27	28.79	SW	10-11	<u>Menominee</u>	" " "	49	26	28.52	SW	10-11	0	-	-	-	-
" " "	49	27	28.52	SW	8-9	<u>Minnetonka</u>	" " "	49	26	28.51	SW	8-9	c	-	-	-	-
" " 3pm	49	23	28.60	SW	6-7	<u>do</u>	" " 6pm	49	22	28.69	SW	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	39	b. cl. ogd	0.1	0.04	Seaford, to 6 p.m.	50	44	bc. o. r	1.4	0.19
Blackpool, to 9 p.m.	48	38	c. or	0.0	0.04	Eastbourne, to 6 p.m.					
Southport, to 9 p.m.	49	37	b. o. bc. r	0.0	0.04	Bexhill-on-Sea, to 9 p.m.	50	44	b. c	3.1	0.17
Rhyl, to 6 p.m.	51	39	bc. r. o	0.0	-	Hastings				3.4	0.11
Colwyn Bay, to 6 p.m.	53	44	o. bc	0.0	-	Folkestone, to 6 p.m.	51	44	or. bc. o	3.5	0.05
Llandudno, to 9 p.m.	53	51	o	0.0	0.02	Deal, to 6 p.m.	49	39	op. bc. c	3.9	0.01
Bettws-y-Coed, to 6 p.m.						Ramsgate, to 6 p.m.				4.6	0.01
Aberystwyth, to 6 p.m.	49	44	*	0.0	0.03	Margate, to 6 p.m.	51	40	b	4.5	0.02
Plymouth, to 9 p.m.	52	44	cp. og. r	0.3	0.34	Felixstowe, to 6 p.m.	48	39	*	5.0	0.02
Paignton, to 6 p.m.	53	39	b. c. or	0.0	0.07	Lowestoft, to 6 p.m.					
Torquay, to 6 p.m.						Skegness, to 6 p.m.	44	36	b. m. r	4.2	0.02
Teignmouth, to 9 p.m.	54	41	b. r. c. r	0.2	0.23	Scarborough, to 9 p.m.	45	38	bc. o. c	4.1	0.01
Weymouth, to 6 p.m.	53	44	p. c. op. o	0.1	0.04	Harrogate, to 6 p.m.	43	39	cp. bc. op	0.3	0.50
Bournemouth, to 6 p.m.	52	40	od.	0.0	0.03	Buxton, to 6 p.m.	46	35		0.6	0.03
Southsea, to 6 p.m.	51	41	*	0.3	0.03	Darwen, to 9 p.m.	45	36	bc. or. or	0.0	0.03
Worthing, to 6 p.m.	50	42	c	1.0	?	Manchester, to 9 p.m.	50	39	op. bc. op	0.0	-
Carnoustie	45	42	o. r	0.3	0.58	Birmingham, to 9 p.m.	49	36	o	0.1	-

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	SUNSET FOR STATIONS IN THE UNITED KINGDOM AND TO-MORROW.			
	3 p.m. Yesterday.	9 a.m. To-day.	Max.	Min.				17th & 18th Dec 1911.	Sunrise	Noon	Sunset
24 HOURS ENDED AT 9 A.M. TO-DAY.											
	%	%				In.	Hrs.		G.M.T.	G.M.T.	G.M.T.
Greenwich (Royal Obsv.) ...	91	90	52	39	b. c. o. or	0.01	2.7	Yarmouth ... ..	8.2	11.49	3.36
City (Bunhill Row) ... ..	*	*	*	*	*	*	0.1		8.3	11.50	3.37
Westminster (St. James's Pk.)	90	88	53	43	bc. or. r. m	0.02	1.4	Greenwich ... ..	8.3	11.56	3.44
Camden Sq. (Brit. Rainfall)	86	88	53	40	om. or. o	0.02	0.0		8.4	11.57	3.50
Hampstead (Reservoir) ...	*	95	51	41	bc. or. o	0.03	1.0	Wick ... ..	9.1	12.8	3.58
									9.2	12.9	4.01
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Valencia ... ..	8.47	12.37	4.28
South Kensington ...	*	*	50	41	ad. bc. o	-	*		8.48	12.38	
" (Roof of M.O.)	86	88	51	42		*	0.5				

## 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 ...		66	48	bc. l.	Rome ...	Trace	61	56	b. r
Marseilles ...	0.08	59	42	o. b.	Vienna ...	0.04	39	36	f. o.
Malta ...	0.12	69	57	c.	Utrecht ...	0.08	48	36	o. c.
Algiers ...	0.12	75	54	c. bc.	Zürich ...	0.08	*	*	r. c.
Tunis ...		68	48	b. c.	Geneva ...		*	*	r. r
Palermo ...		70	48	b. c.	Lugano ...	0.98	*	*	

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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1911.

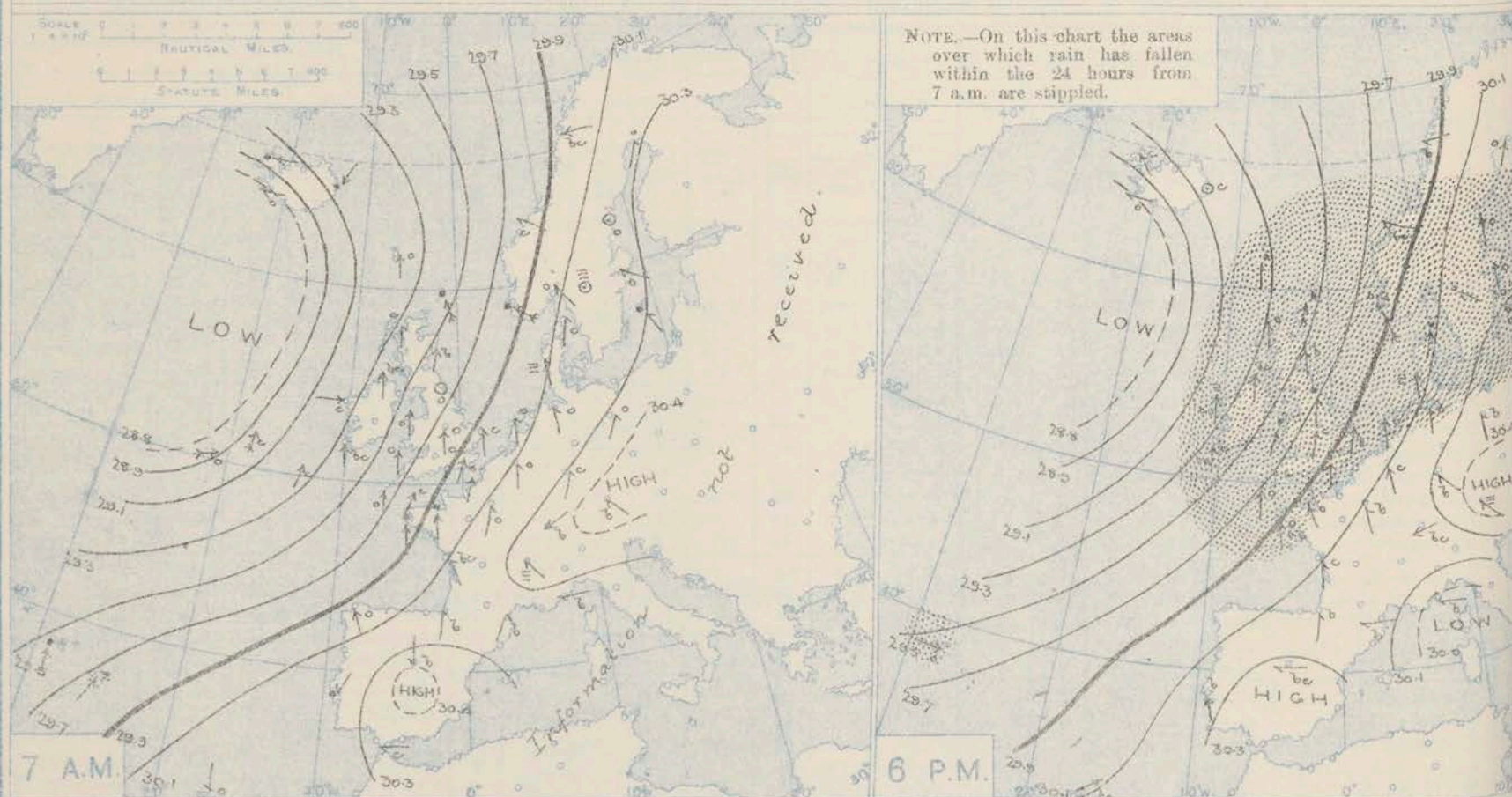
## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,  
18<sup>th</sup> December, 1911.

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.	After'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
BRITISH ISLANDS.	Lerwick	29.46	48	SSW	6	r	29.53	+0.1	47	-1	S	4	bc	3	0.19	48	44	0.2	bc	bc	bc	
	Stornoway	29.35	48	S	6	bc	29.25	-0.12	48	0	SSW	6	o	5	0.30	50	44	0.2	c. bc	bc	bc	
	Castlebay (Barra Isd.)	29.34	49	SE	5	o	29.12	-0.19	50	+2	SSW	8	bc	6	0.15	50	47	0.4	c. bc	bc	bc	
	Malin Head	29.32	47	S	6	bc	29.00	-0.25	50	+4	S	9	bc	7	0.06	50	46	0.4	bc	bc	bc	
	Blacksod Point	29.24	47	S	7	m	28.78	-0.46	54	+5	S	8	o	6	0.53	55	43	1.4	bc	bc	bc	
	Valencia	29.39	51	S	5	o	28.93	-0.07	52	+4	S	7	o	6	0.55	55	45	1.4	bc	bc	bc	
	Röche's Point	29.52	50	SW	5	b	29.08	0	52	+2	SSW	8	r	6	0.22	52	49	0	c	bc	bc	
	Birr Castle	29.46	48	S	3	o	29.93	0	54	+4	SSW	7	r	5	0.35	55	44	2.0	bc	bc	bc	
	Donaghadee	29.50	49	SSW	3	c	29.29	-0.13	51	+3	S	7	r	5	0.21	51	48	0	bc	bc	bc	
	Liverpool Obsy.	29.71	50	S	3	c	29.54	-0.10	52	+2	SE	5	o	4	0.24	53	47	0.2	o	bc	bc	
	Holyhead	29.59	51	SSW	5	cpm	29.37	-0.15	52	+2	S	8	r	7	0.11	52	47	0	cpm	cpm	cpm	
	Pembroke (St. Ann's Hd.)	29.67	51	S	6	c	29.34	-0.12	51	0	SSW	8	r	7	0.37	53	50	0.0	cpm	cpm	cpm	
	Newquay	29.75	51	S	4	o	29.47	0	52	-1	S	9	cpm	5	0.58	54	51	0.0	cp	cp	cp	
	Scilly (St. Mary's)	29.69	52	S	5	cpm	29.37	-0.10	53	+1	SSW	8	cpm	6	0.13	53	51	1.8	cpm	cpm	cpm	
	Jersey (St. Aubin)	29.98	50	SSW	4	cpm	29.85	0	50	+2	SSW	4	cpm	3	0.06	53	49	0.0	cpm	cpm	cpm	
	Portland Bill	29.86	51	SSW	6	c	29.73	-0.06	50	-2	SSW	6	o	6	0.11	53	50	0.0	cp	bc	bc	
	Dungeness	29.98	52	SSW	5	cp	29.92	-0.03	49	-2	SSW	4	c	4	0.08	53	48	0.0	c	cp	cp	
	Dover	28.05	50	S	6	r	29.47	0	47	-3	S	4	o	4	0.08	52	47	0.0	cp	cp	cp	
	Wick	29.47	46	S	2	b	29.46	-0.03	48	+2	S	3	cp	4	0.05	48	44	0	bc	bc	bc	
	Nairn	29.44	44	WSW	1	b	29.43	0	50	+5	SW	3	c	2	0.18	50	39	1.4	r	bc	bc	
Aberdeen	29.56	47	S	4	b	29.55	-0.06	48	+2	SSW	4	bc	4	0.07	49	45	0.6	bc	bc	bc		
Leith	29.54	49	SW	1	b	29.50	-0.10	51	+1	SSW	4	r	4	0.06	54	48	0	bc	bc	bc		
North Shields	29.67	51	S	2	r	29.43	-0.05	50	+2	SSW	4	op	3	0.03	52	44	0.0	cp	cp	cp		
Spurn Head	29.77	49	S	7	r	29.77	-0.01	48	-1	SSW	7	cp	6	0.05	50	44	0	cp	cp	cp		
Yarmouth	29.95	50	SSW	4	b	29.93	-0.02	47	-2	S	3	c	3	0.07	52	41	0.0	c	cp	cp		
Clacton-on-Sea	29.93	47	S	5	o	29.93	-0.05	46	-1	SSW	4	c	3	0.06	49	46	0.0	c	cp	cp		
Nottingham	29.79	52	SSW	5	c	29.74	0	51	0	S	5	r	4	0.04	54	49	0.0	cp	cp	cp		
Bath	29.85	50	W	6	o	29.76	0	53	0	SW	4	o	4	0.40	54	50	0.0	cp	cp	cp		
Oxford	29.89	52	S	4	o	29.77	0	50	-2	SSW	5	o	4	0.18	53	49	0	cp	cp	cp		
London (Kew Obsy.)	29.95	50	S	4	cp	29.88	-0.04	50	-2	S	3	cpm	4	0.16	54	49	0.0	cp	cp	cp		
ICELAND & FAEROE.	Isafjord	29.04	41	SE	5	c	29.04	0	41	0	S	5	c	4	0.04	41	37	0.0	cp	cp	cp	
	Reykjavik	28.80	42	E	3	o	29.19	+0.1	38	-1	S	0	c	4	0.04	41	37	0.0	cp	cp	cp	
	Seydisfjord	29.12	47	S	0	c	29.33	-0.00	45	-2	SSW	3	c	4	0.04	41	37	0.0	cp	cp	cp	
	Thorshavn	29.38	45	S	2	r	29.33	-0.05	45	-2	SSW	3	c	4	0.04	41	37	0.0	cp	cp	cp	
SCANDINAVIA.	Haparanda	30.12	32	SW	4	o	29.93	-0.03	34	+8	S	4	o	4	0.04	34	30	0.0	cp	cp	cp	
	Hernösand	30.13	34	S	4	o	29.97	-0.05	36	+6	S	4	o	4	0.04	34	30	0.0	cp	cp	cp	
	Stockholm	30.27	39	S	2	o	30.11	-0.05	39	+3	SSW	4	r	4	0.04	41	34	0.0	cp	cp	cp	
	Wisby	30.31	39	SE	2	o	30.22	-0.05	41	+3	SSW	4	r	4	0.04	41	34	0.0	cp	cp	cp	
	Karlstad	30.48	37	SE	2	v	29.96	-0.08	41	+6	SSW	4	r	4	0.04	41	34	0.0	cp	cp	cp	
	Färder (X'ania Fjord)	30.06	41	SSW	6	r	29.90	-0.01	43	+3	WSW	4	f	3	0.32	41	39	0.0	cp	cp	cp	
	Bodö	29.86	28	E	4	b	29.79	-0.02	31	-3	ENE	6	3	2	0.12	46	37	0.0	cp	cp	cp	
	Christiansund	29.75	46	ENE	3	bc	29.72	+0.01	48	+5	SE	3	o	3	0.12	46	37	0.0	cp	cp	cp	
	Skudesnaes	29.52	46	SSW	8	r	29.86	+0.04	46	+2	S	4	o	4	0.12	46	37	0.0	cp	cp	cp	
	The Scaw (Skagen)	30.09	42	SSW	6	r	30.01	+0.01	46	+5	WSW	5	m	1	0.28	46	39	0.0	cp	cp	cp	
Blaavands Huk	30.06	41	S	4	f	30.09	+0.00	42	+3	SSW	3	m	2	0.12	43	37	0.0	cp	cp	cp		
GERMANY, &c.	Cuxhaven	30.18	44	S	3	o	30.16	+0.00	42	+8	S	2	b	4	0.04	46	34	0.0	cp	cp	cp	
	The Helder	30.09	48	S	4	o	30.06	-0.01	38	-6	SSW	3	o	2	0.04	50	38	0.0	cp	cp	cp	
	Brussels	30.17	40	SSW	4	c	30.10	-0.02	40	-7	SSW	2	o	4	0.04	51	39	0.0	cp	cp	cp	
	Berlin	30.34	37	S	3	b	30.32	-0.01	35	-2	S	2	c	4	0.04	43	34	0.0	cp	cp	cp	
	Frankfurt	30.32	38	SE	2	b	30.29	-0.01	31	-8	S	0	m	4	0.04	45	30	0.0	cp	cp	cp	
Munich	30.45	31	SE	3	f	30.43	-0.03	25	-3	E	1	bc	4	0.04	39	25	0.0	cp	cp	cp		
FRANCE.	C. Gris Nez	30.06	50	S	5	o	29.98	-0.04	46	-3	SSW	5	c	3	0.04	54	43	0.0	cp	cp	cp	
	La Hève	30.05	48	S	3	o	29.96	0	46	-2	SE	3	bc	3	0.04	48	41	0.0	cp	cp	cp	
	Brest (St. Mathieu)	29.91	53	S	6	o	29.69	-0.08	52	+1	SSW	6	r	5	0.59	53	50	0.0	cp	cp	cp	
	Lorient (Bec Melen)	29.97	54	S	5	o	29.81	0	54	0	S	5	o	6	0.24	55	50	0.0	cp	cp	cp	
	Rochefort (Ile d' Aix)	30.10	48	S	3	c	29.97	0	46	+2	S	4	c	4	0.04	52	44	0.0	cp	cp	cp	
	Biarritz	30.17	55	SSW	3	b	30.05	0	50	-1	S	0	bc	7	0.04	61	46	0.0	cp	cp	cp	
	Paris	30.33	36	ENE	4	bc	30.30	0	33	+1	ENE	4	b	4	0.04	43	30	0.0	cp	cp	cp	
SPAIN, PORTUGAL, &c.	Belfort	30.29	42	NW	1	b	30.25	0	44	+13	SE	1	b	4	0.04	46	31	0.0	cp	cp	cp	
	Lyons	30.29	42	NW	1	b	30.29	0	45	-1	E	2	bc	2	0.04	57	41	0.0	cp	cp	cp	
	Nice	30.27	45	E	1	b	30.22	-0.04	37	0	SW	2	b	4	0.04	57	46	0.0	cp	cp	cp	
	Perpignan	30.27	45	E	1	b	30.22	-0.04	37	0	SW	2	b	4	0.04	57	46	0.0	cp	cp	cp	
	Sanguinaire	30.27	45	E	1	b	30.22	-0.04	37	0	SW	2	b	4	0.04	57	46	0.0	cp	cp	cp	
Corunna	30.15	56	SSW	5	b	30.07	-0.06	59	+9	S	5	o	6	0.04	59	50	0.0	cp	cp	cp		
Lisbon (8 a.m. local)	30.19	59	E	1	bc	30.22																



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




## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to above 50° at nearly all our stations, and to almost 55° in several localities. Rain has fallen very generally; about 0.5 in. at some western stations. Southerly gales were experienced during the night on most parts of our western and south-western

coasts, and according to wireless reports gales from the South-Westward were general yesterday as far west as the 20th meridian, with cloudy or overcast weather. Scarcely any bright sunshine was recorded yesterday.

## WEATHER PROSPECTS.

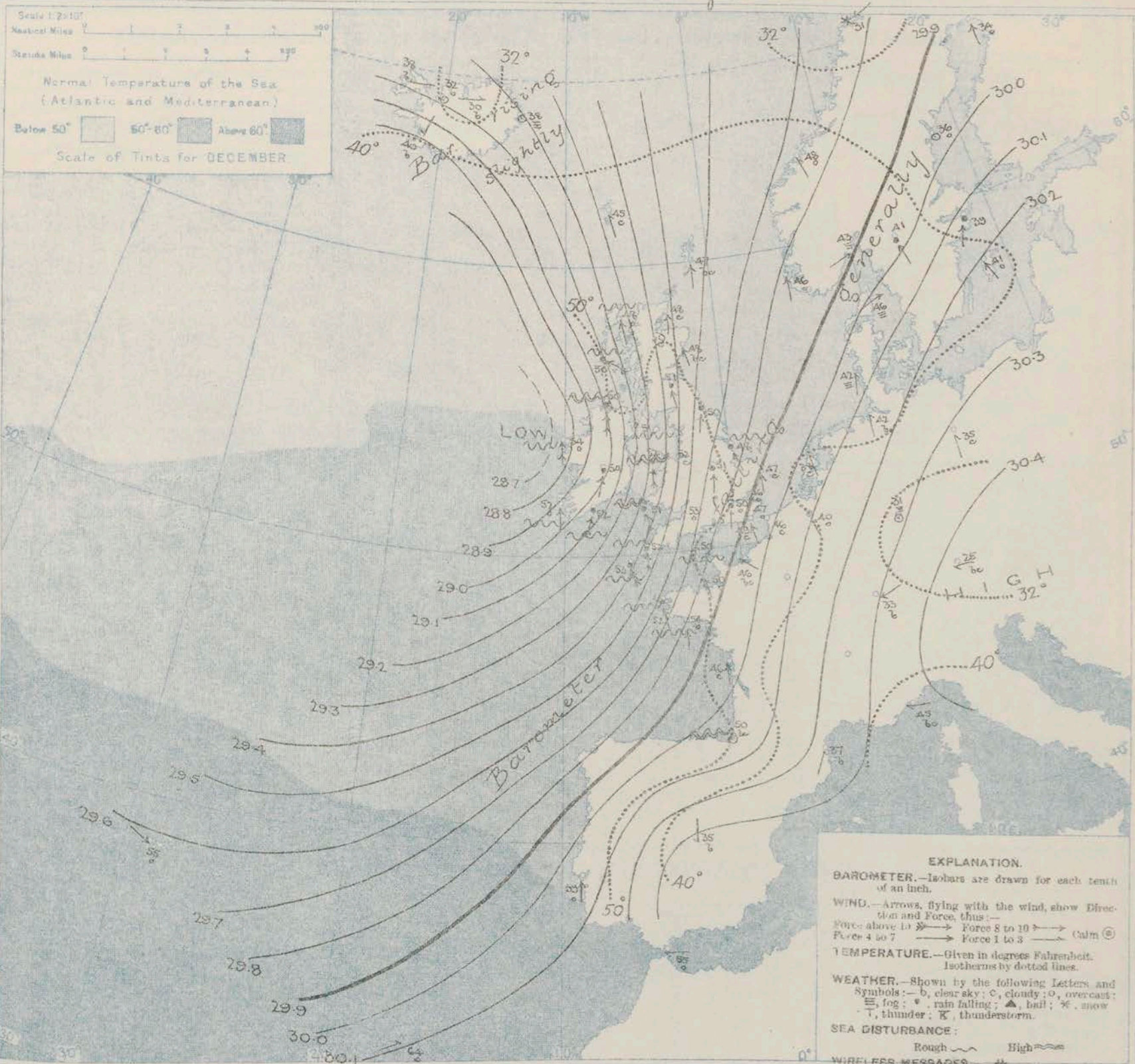
FORECASTS FOR THE 24 HOURS NOON MONDAY TO NOON TUESDAY.

0 { a b	<p>Wind mainly S.<sup>ly</sup> or S.W.<sup>ly</sup></p> <p>strong to a gale; squally,</p> <p>rain at times; mild.</p>	<p>FORECAST DISTRICTS.</p>  <p>The Coasts upon which the Warning Signals are at present displayed are indicated thus:—</p> <table><tr><td>Signals hoisted yesterday.</td><td>Signals hoisted this morning.</td></tr><tr><td>South Coast</td><td>South Coast</td></tr><tr><td>North Coast</td><td>North Coast</td></tr></table>	Signals hoisted yesterday.	Signals hoisted this morning.	South Coast	South Coast	North Coast	North Coast	6 { a b	<p>S.<sup>ly</sup> to S.W.<sup>ly</sup> gales and strong winds; squally, raining or showery, some mist; mild.</p>	10 { a b
Signals hoisted yesterday.			Signals hoisted this morning.								
South Coast			South Coast								
North Coast			North Coast								
1											
2 { a b											
3											
4 { a b											
5											
11 WESTERN CHANNEL AND BAY.											

THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Monday, 18<sup>th</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

A depression of great size and intensity has its minimum on the Atlantic to the westward of Ireland, where the barometer is below 28.8 in. The highest pressure, 30.4 in. and upwards, is found over Bavaria and its neighbourhood. The gradient is very steep over the greater part of the United Kingdom.

The wind is mainly S.W. over these islands and the nearer regions of the Continent. Along our western coasts it blows a gale, and in most other places a

moderate to strong breeze; at Spurn Head the force of a high wind is reported. Temperature is much above the normal over the United Kingdom, ranging from 54° or 53° at many stations in the west and southwest to 47° at Limerick, and 46° at Clevedon-on-Sea. Frost prevails in South Germany. Rain is falling over a large portion of the United Kingdom and also at Brest, and the sky over this country generally is overcast. Rain is reported at Karlsruhe and Stockholm, and snow at Bonn, and except in the south of France and at Munich, weather at the Continental stations is cloudy to dull.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The large, deep depression centred on the Atlantic will extend further over the United Kingdom as it moves in a northerly or northeasterly direction,

and a considerable increase in the barometrical gradient is to be expected over the eastern districts of Great Britain.



## DAILY WEATHER REPORT.

Monday, 18th December, 1911.

## 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.
Dec. 17th 4 a.m.	49.50	4.40	29.91	S	5	H.M.S. Marquette	Dec. 17th 7 a.m.	49.31	3.48	29.91	SW	5	c	56	54	4
" " " "	50	13	29.29	SW	8-9	Empress of Britain	" " " "	50	13	29.22	SW	8-9	c	-	-	-
" " " "	51	16	29.90	SW	8-9	Menominee	" " " "	51	17	28.87	SW	8-9	c	-	-	-
" " " "	50	19	28.92	WNW	4-5		" " " "	50	20	28.85	WSW	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.	52	44	r. o. c. bc	Hrs. 1.0	In. 0.26	Brighton, to 6 p.m.	52	48	"	0.2	0.23
Dublin (City), to 4 p.m.	53	49	op. bc	"	0.08	Seaford, to 6 p.m.	51	48	"	0.5	0.24
Blackpool, to 9 p.m.	53	47	"	0.1	0.13	Eastbourne, to 6 p.m.	52	49	"	0.0	0.14
Southport, to 9 p.m.	52	46	b. bc. or	0.1	0.17	Bexhill-on-Sea, to 9 p.m.	52	49	p. bc.	0.0	0.15
Rhyl, to 8 p.m.	56	41	o. r. bc	1.0	0.09	Hastings	"	"	"	0.0	"
Colwyn Bay, to 6 p.m.	55	50	bc. o	0.7	0.22	Folkestone, to 6 p.m.	51	49	or. ord.	0.0	0.06
Llandudno, to 9 p.m.	56	50	op. c. op	0.3	0.01	Deal, to 6 p.m.	52	49	op. ord. or	0.0	0.14
Bettws-y-Coed, to 6 p.m.	"	"	"	"	"	Ramsgate, to 6 p.m.	"	"	"	0.0	"
Aberystwyth, to 6 p.m.	54	45	"	0.5	0.03	Margate, to 6 p.m.	52	45	"	0.0	"
Plymouth, to 9 p.m.	"	"	"	"	"	Felixstowe, to 6 p.m.	"	"	"	"	"
Paignton, to 6 p.m.	54	51	or. ep	0.0	1.02	Lowestoft, to 6 p.m.	"	"	"	"	"
Torquay, to 6 p.m.	54	49	"	0.0	1.03	Skegness, to 6 p.m.	51	47	r. o. c.	0.0	0.14
Teignmouth, to 9 p.m.	55	52	r. ep.	0.0	1.00	Scarborough, to 9 p.m.	52	"	"	0.0	"
Weymouth, to 6 p.m.	53	41	r. c. o	0.0	0.35	Harrogate, to 6 p.m.	51	40	op. o. c. r	0.0	0.15
Bournemouth, to 6 p.m.	52	46	r. ord	0.0	0.62	Buxton, to 6 p.m.	50	45	or	0.0	0.19
Southsea, to 6 p.m.	53	46	"	0.0	0.30	Darwen, to 9 p.m.	"	"	"	"	"
Worthing, to 6 p.m.	52	45	or	0.2	0.22	Manchester, to 9 p.m.	"	"	"	"	"
						Birmingham, to 9 p.m.	51	43	r. o. c.	0.0	0.33

## 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.				18th & 19th Dec., 1911.	Sunrise	Noon	Sunset	
	24 HOURS ENDED AT 9 A.M. TO-DAY.											
	%	%				In.	Hrs.		G.M.T.	G.M.T.	G.M.T.	
Greenwich (Royal Obsy.) ...	83	84	54	49	or. o. op.	0.08	0.0	Yarmouth ... .. {	8.3	11.50	3.37	
City (Bunhill Row) ... ..	"	"	"	"	"	"	0.0		8.3	11.50	3.37	
Westminster (St. James's Pk.)	85	79	55	50	r. u.	0.11	0.0		8.4	11.57	3.50	
Camden Sq. (Brit. Rainfall)	"	80	54	50	or. o.	0.12	0.0		8.4	11.57	3.50	
Hampstead (Reservoir) ...	"	81	52	48	or. o. o.	0.14	0.0		9.2	12.9	3.16	
South Kensington ...	"	"	24 HOURS ENDED AT 6 P.M. YESTERDAY.				"	"	9.2	12.9	3.16	
			54	50	{	o. op. ory. ody			{	8.48	12.38	4.28
			54	50		"				8.48	12.38	4.28
" (Roof of M.O.)	"	79					0.0					

## 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	In	"	"		Rome	In	"	"	
Marseilles	"	"	"		Vienna	"	"	"	
Malta	"	"	"		Utrecht	"	"	"	
Algiers	"	"	"		Zürich	"	"	"	
Tunis	"	"	"		Geneva	"	"	"	
Palermo	"	"	"		Lugano	"	"	"	
Observations 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. fog, threatening sky; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

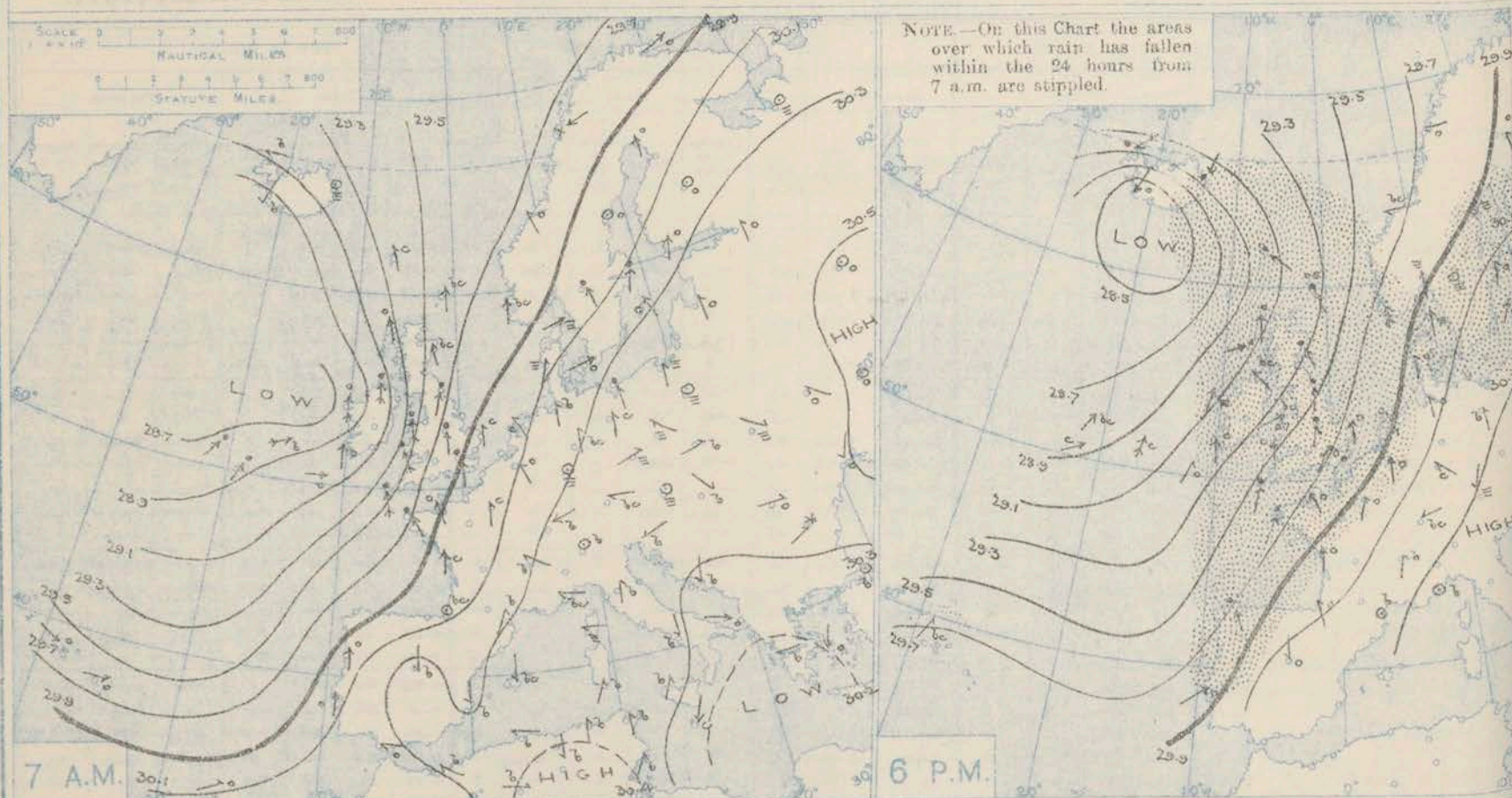
The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers.



† Received too late for insertion in Charts.



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



## NOTES ON YESTERDAY'S WEATHER.

Gales, mainly from the S.W., were experienced for a time yesterday on various parts of our southern, western and northern coasts, and according to wireless reports a S.W. gale prevailed as far west as the 21st meridian. Very little or no bright sunshine was recorded, and rain

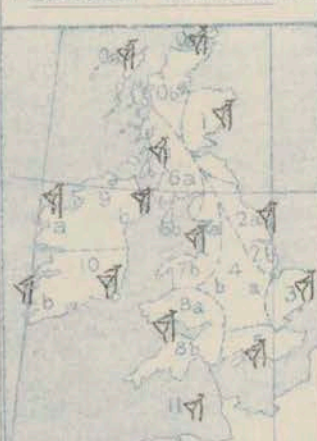
fell very generally. Thunder and lightning occurred at Donaghadee. Temperature rose to 55° or to 56° in several parts of the Kingdom, and the minimum readings of the night were also very high for the time of year.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON TUESDAY TO NOON WEDNESDAY.

- |   |   |                                                                                                                                          |
|---|---|------------------------------------------------------------------------------------------------------------------------------------------|
| 0 | a | Wind mainly S., strong at times locally; changeable, some rain; mild.                                                                    |
|   | b |                                                                                                                                          |
| 1 |   | Wind between S. and S.W., light or moderate, fresh or strong at times locally; much cloud generally, some showers, fair intervals; mild. |
| 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	Signals hoisted this morning
South Coast	South Coast
North Coast	North Coast

- |    |   |                |
|----|---|----------------|
| 6  | a | Same as No. 0. |
|    | b |                |
| 7  | a |                |
|    | b |                |
| 8  | a |                |
|    | b |                |
| 9  | a |                |
|    | b |                |
| 10 | a |                |
|    | b |                |

### 11 WESTERN CHANNEL AND BAY.

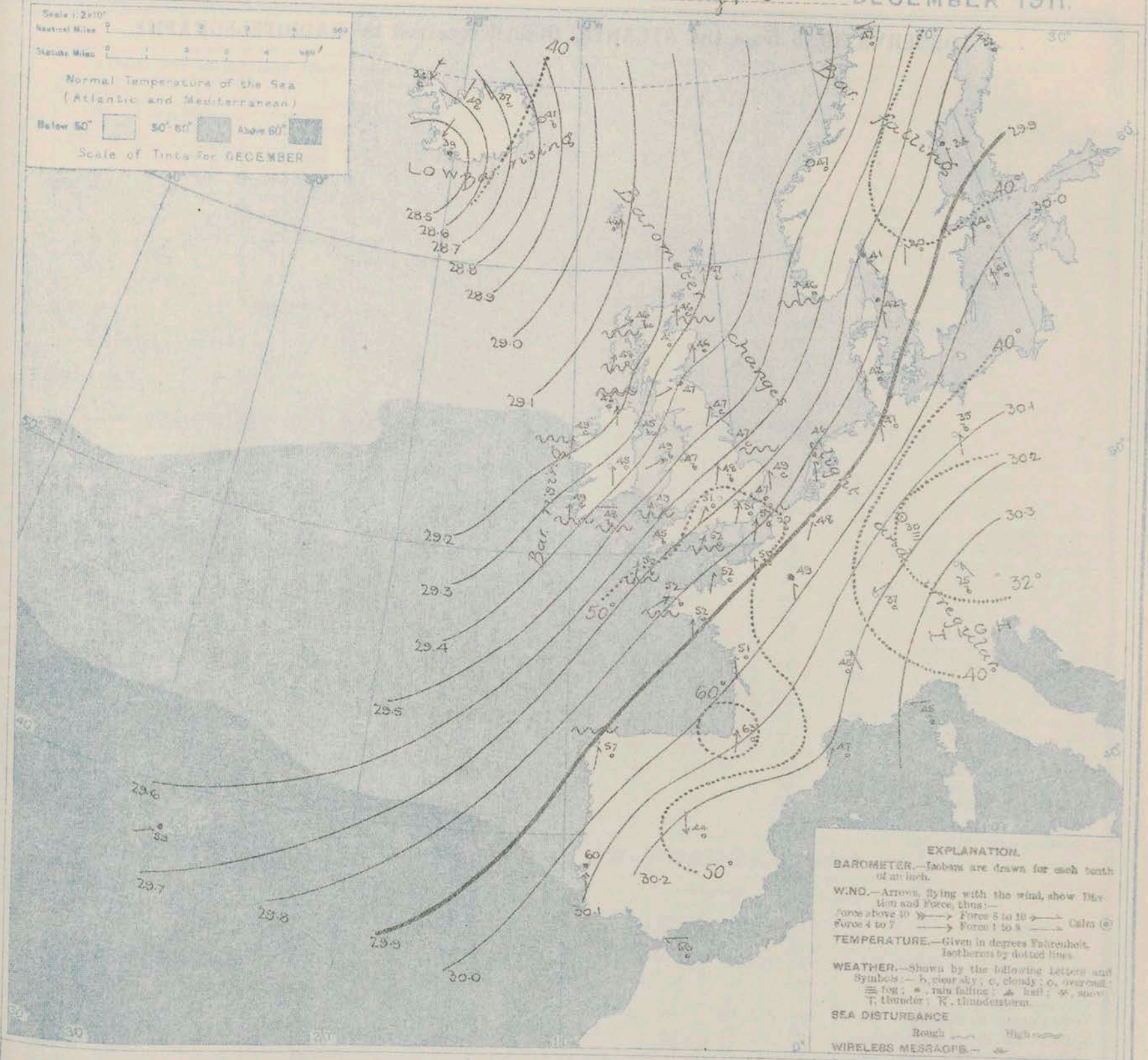
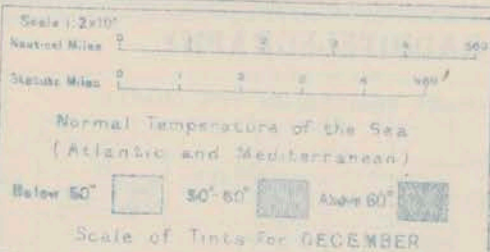
S. and S.W. winds, fresh or strong at times; some showers and mist, fair intervals; sea rather rough.

### THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Tuesday, 19<sup>th</sup>

DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is now highest, 30.3 in. and upwards, over South Germany and Northern Italy, whence it decreases to below 29.2 in. in the Hebrides, and to about 28.5 in. the southwest of Iceland. The gradient is less steep than of late over our islands and their neighbourhood.

The wind is mainly S.W. over the United Kingdom and the nearer countries of the Continent. At Malin Head it blows with the force of a gale, and at Wick a high wind prevails, while on some other parts of our north-western and northern

coasts there is a strong breeze; elsewhere moderate to fresh breezes are most general. In the west of Ireland a strong gale from N.E. is reported. Temperature has fallen in most parts of these islands, but continues above the normal, ranging from 52° at some extreme southern stations to 46° at Storn and Aberdeen, and to 42° at Malin Head. At Biarritz the reading is 63°. Showers are falling at Leith, but over the United Kingdom generally the sky is less cloudy than of late. Fine weather is prevalent on the Rhine, and at Munich and Berlin, but rain is reported at Paris, Brussels, the Meuse, and at some stations in Scandinavia.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

At present the barometer is rising along our western and southwestern seaboard, and there appears to be no new depression in the immediate neighbourhood. It is probable, however, that before the ensuing 24 hours have elapsed

these islands will be under the influence of another cyclonic disturbance approaching from the south-westward or westward.



## DAILY WEATHER REPORT.

Tuesday, 19th December, 1911.

## 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. and an.
	Lat. N.	Long. W.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.	Dry Bulb.	Wet Bulb.	
	"	"	In.					"	"	In.				"	"	"	
Dec. 18th 3 p.m.	51	18	28.80	SW	8-9	Campania	Dec. 18th 6 p.m.	51	20	28.81	SW	8-9	bc	.	.	.	.
" " "	51	17	28.84	SSW	6-7	Haverford	" " "	51	16	28.91	SSW	8-9	c	.	.	.	.
" " "	50	20	28.74	W	6-7	Marquette	" " "	50	21	28.82	WSW	8-9	c	.	.	.	.
" " 4 a.m.	50	18	28.79	W	6-7	do.	" " 7 a.m.	50	18	?	SW	6-7	r	.	.	.	.
" " "	51	21	28.70	SW	6-7	Haverford	" " "	51	20	28.72	SW	6-7	r	.	.	.	.
" " "	51	14	28.77	SSW	8-9	Campania	" " "	51	15	28.86	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.			
Oban, to 6 p.m.				Hrs.	In.	Brighton, to 6 p.m.	50	49	*	0.0	0.14
Dublin (City), to 4 p.m.	57	48	org. b	*	0.20	Seaford, to 6 p.m.	51	49	o. r	0.0	0.13
Blackpool, to 9 p.m.	54	46		0.0	0.21	Eastbourne, to 6 p.m.	51	46	*	0.0	0.12
Southport, to 9 p.m.	54	46	b. c. or. o	0.0	0.12	Bexhill-on-Sea, to 9 p.m.	49	48	o. d	0.0	0.13
Rhyl, to 6 p.m.	54	48	o. r. o	0.0	0.11	Hastings	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	54	48	r	0.0	0.66	Folkestone, to 6 p.m.	51	47	r. bc. or	0.0	0.10
Llandudno, to 9 p.m.	54	47	o. or. o	0.0	0.70	Deal, to 6 p.m.	50	47	or. cp. r	0.0	0.09
Bettws-y-Coed, to 6 p.m.						Ramsgate, to 6 p.m.	*	*	*	0.0	0.06
Aberystwyth, to 6 p.m.	53	47	*	0.0		Margate, to 6 p.m.	50	47	*	0.0	0.10
Plymouth, to 9 p.m.	53	47	or. org	0.0	0.72	Felixstowe, to 6 p.m.	48	41	*	0.0	0.06
Paignton, to 6 p.m.	53	48	cp. or. o	0.0	1.02	Lowestoft, to 6 p.m.	49	41	op. c. or	0.0	0.03
Torquay, to 6 p.m.	54	50	*	0.0	0.87	Skegness, to 6 p.m.	49	46	r. c. q	0.0	0.10
Teignmouth, to 9 p.m.	54	50	r. c	0.0	0.92	Scarborough, to 9 p.m.	51	46	*	0.0	0.12
Weymouth, to 6 p.m.	52	49		0.0	0.35	Harrogate, to 6 p.m.	51	47	bc. p. c. p. o	0.0	
Bournemouth, to 6 p.m.	51	50	d. o. r	0.0	0.50	Buxton, to 6 p.m.					0.27
Southsea, to 6 p.m.	51	49	*	0.0	0.35	Darwen, to 9 p.m.	52	44	or. u. c	0.0	0.08
Worthing, to 6 p.m.	50	48	o. r.	0.0	0.28	Manchester, to 9 p.m.	55	48	o. ep. o	0.0	0.34
						Birmingham, to 9 p.m.	51	45	o. r. o	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.				19th & 20th Dec. 1911.	Sunrise	Noon
24 HOURS ENDED AT 9 A.M. TO-DAY.										
	%	%				In.	Hrs.		G.M.T.	G.M.T.
Greenwich (Royal Obs.) ...	92	93	52	47	op	0.17	0.0	Yarmouth ... ..	{ 8.3 8.4	11.50 11.51
City (Bunhill Row) ... ..	*	*	*	*	*	0.13	0.0			
Westminster (St. James's Pk.)	86	92	54	49	r	0.16	0.0	Greenwich ... ..	{ 8.4 8.5	11.57 11.58
Camden Sq. (Brit. Rainfall)	91	93	52	49	o. or	0.18	0.0			
Hampstead (Reservoir) ...	*	99	50	45	o. or			Wick ... ..	{ 9.2 9.3	12.9 12.10
24 HOURS ENDED AT 6 P.M. YESTERDAY.										
South Kensington ...	*	*	52	48	} od. or {	0.11	*	Valencia... ..	{ 8.48 8.49	12.38 12.39
" " (Roof of M.O.)	85	90	52	49		*	0.0			

## 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	In.	?	?	b. b.	Rome	-	61	43	b. b.
Marseilles	-	61	39	b. bc.	Vienna	-	45	28	b. f.
Malta	0.12	62	55	c.	Utrecht	0.28	50	37	b. c.
Algiers	-	66	52	b. b.	Zürich	-	*	*	m. f.
Tunis	-	63	43	b. b.	Geneva	-	*	*	m. o.
Palermo	0.12	59	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-laze, or smoke.



1911.

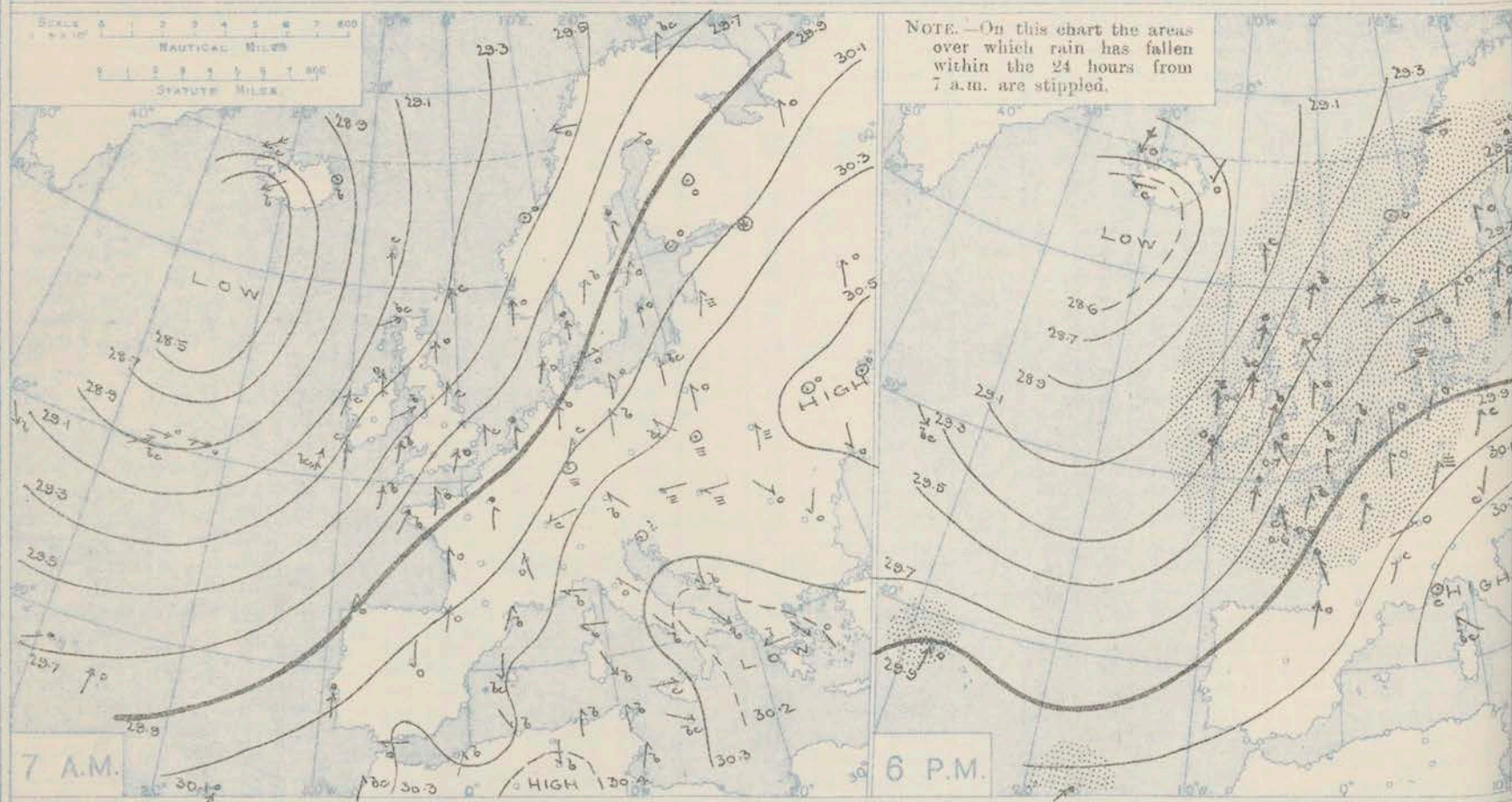
# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,  
20th December, 1911.

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.		Sun-shine.	WEATHER.		
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Change since 4 a.m.				At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	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	29.33	46	SSW	5	b	29.23	47	0	SSW	5	c	4	0.23	47	44	0.0	bcm	bcm	com	bcm	bcm	com
	Stornoway	29.22	48	SSW	6	r	29.11	45	-1	SW	5	c	5	0.43	48	43	0.0	opq	c. opq	opq	opq	opq	opq
	Castlebay (Barra Isd.)	29.26	49	S	6	op	29.10	47	-1	SW	2	o	4	0.45	49	44	0.0	opq	op	op	op	op	op
	Malin Head	29.25	45	S	5	bcm	29.12	44	+2	SW	3	og	3	0.01	48	42	0	bcm	bcm	bcm	bcm	bcm	bcm
	Blacksod Point	29.21	46	S	6	m	29.13	45	-4	WSW	3	c	3	0.60	50	44	0	cmg	cmg	cmg	cmg	cmg	cmg
	Valencia	29.28	48	S	4	om	29.20	48	-1	WSW	4	b	4	0.26	51	41	0.0	cmg	om	om	om	om	om
	Roche's Point	29.40	49	SW	5	o	29.30	43	-5	W	3	b	5	0.32	50	43	0	b.o	o	op. b	op. b	op. b	op. b
	Birr Castle	29.35	46	S	3	o	29.22	41	-4	S	1	o	4	0.15	50	41	2.2	c	o	op	op	op	op
	Donaghadee	29.44	48	S	4	o	29.17	45	0	S	2	r	2	0.15	49	45	0	bc	cg	org	org	org	org
	Liverpool Obsy.	29.63	46	SSE	3	c	29.49	43	+1	ESE	4	r	2	0.01	51	44	2.7	bm	bc	od	od	od	od
	Holyhead	29.55	49	SSW	6	bcm	29.15	47	-2	SW	1	r	1	0.35	50	46	0	bcm	wm	rgm	rgm	rgm	rgm
	Pembroke (St. Ann's Hd.)	29.58	50	SSE	5	o	29.17	47	-2	W	5	og	6	0.47	51	47	2.2	bc	bcm	opq	opq	opq	opq
	Newquay	29.62	50	S	4	b	29.29	47	+2	W	8	o	5	0.65	52	47	5.6	bc	bc	bcm	bcm	bcm	bcm
	Scilly (St. Mary's)	29.59	51	SSW	5	cmg	29.32	48	-2	SSW	7	cqp	6	0.25	53	46	5.2	cm	cmg	cmg	cmg	cmg	cmg
	Jersey (St. Aubin)	29.82	51	SSW	3	bm	29.31	51	-1	S	3	og	3	0.15	57	49	2.6	om. bc	c. og. bc	og. bc	og. bc	og. bc	og. bc
	Portland Bill	29.74	52	SSE	3	b	29.23	51	-1	SSE	5	o	5	0.06	53	50	5.2	bc	bc	bc	bc	bc	bc
Dungeness	29.83	51	SW	4	c	29.39	50	-2	SSW	5	r	4	0.07	52	49	1.0	c	c. or	or	or	or	or	
Dover	29.86	50	SW	3	o	29.41	49	-1	S	5	r	5	0.13	51	49	0.0	op. o	o	o	o	o	o	
ICELAND & FAEROE.	Wick	29.35	47	S	5	bc	29.16	45	-1	SSE	6	o	4	0.02	47	44	0	om. bc	bc	bc	bc	bc	bc
	Nairn	29.34	45	WSW	1	bc	29.14	46	+1	WSW	1	bc	1	Trace	47	41	5.1	c	bc	bc	bc	bc	bc
	Aberdeen	29.47	47	SSE	4	c	29.22	45	-1	SSE	4	r	3	0.05	47	45	2.9	bc	bc	bc	bc	bc	bc
	Leith	29.49	48	SW	2	b	29.21	47	0	SSE	2	o	0	0.01	51	44	0	bc	bc	bc	bc	bc	bc
	North Shields	29.61	48	S	2	o	29.27	46	-1	S	3	o	2	Trace	50	41	0.5	c	o	op	op	op	op
	Spurn Head	29.70	44	SSW	4	bc	29.33	46	-1	SE	6	f	4	Trace	50	41	0	bc	bc. bc	f. m. f.	f. m. f.	f. m. f.	f. m. f.
	Yarmouth	29.81	49	SSW	1	b	29.45	47	-2	SE	4	o	3	0.04	51	43	0.8	op	c. bc	om	om	om	om
	Clacton-on-Sea	29.82	46	S	2	bc	29.42	47	0	SE	3	o	3	0	49	45	1.8	og. c	c. bc	bc. o	bc. o	bc. o	
	Nottingham	29.72	44	S	1	b	29.32	44	+1	SE	4	r	0	0.01	52	41	4.6	bm	b	b	b	b	b
	Bath	29.76	50	S	2	o	29.24	52	+1	S	3	r	0	0.12	54	47	5.2	-	-	-	-	-	-
	Oxford	29.74	47	SSE	2	bc	29.26	50	0	SSE	4	adg	0	0.04	54	46	0	bc	bc	bc	bc	bc	bc
	London (Kew Obsy.)	29.81	48	S	2	b	29.35	50	-1	SSE	3	om	0	0.05	52	45	1.5	c. c. bc	bc. bc	bc. bc	bc. bc	bc. bc	bc. bc
	SCANDINAVIA.	Isafjord	28.85	34	NE	9	o	28.87	35	+1	NE	5	o	0	0	0	0	0	0	0	0	0	0
		Reykjavik	28.86	40	E	2	c	28.65	38	-1	E	2	b	0	0	0	0	0	0	0	0	0	0
		Seydisfjord	28.77	41	NNE	3	o	28.81	40	-1	0	0	o	0	0	0	0	0	0	0	0	0	0
		Thorshavn	29.04	46	S	3	c	28.98	44	-1	0	0	o	0	0	0	0	0	0	0	0	0	0
Haparanda		29.47	34	SSW	2	r	29.38	32	0	W	2	f	0	0.55	34	30	0	0	0	0	0	0	
Hernösand		29.55	36	S	2	o	29.48	37	-3	W	2	b	0	0	0	0	0	0	0	0	0	0	
Stockholm		29.72	40	SSW	2	o	29.69	43	+2	WSW	4	o	0	0.16	43	37	0	0	0	0	0	0	
Wisby		29.80	41	SSW	6	o	29.77	43	+2	WSW	6	o	0	0.08	43	37	0	0	0	0	0	0	
Karlstad		29.69	40	SSW	2	o	29.72	40	0	SW	4	o	0	0.24	41	37	0	0	0	0	0	0	
Færder (Xfanda Fjord)		29.64	43	SSW	4	f	29.69	40	-1	WSW	1	g	3	0.04	43	39	0	0	0	0	0	0	
Bodö		29.44	36	E	2	o	29.39	37	-5	E	1	g	1	0.04	42	34	0	0	0	0	0	0	
Christiansund		29.41	46	SW	4	c	29.46	44	-3	ESE	1	c	2	0.04	47	39	0	0	0	0	0	0	
Skudesnaes		29.62	46	SW	4	c	29.54	45	-1	S	8	o	3	0.04	46	39	0	0	0	0	0	0	
The Scaw (Skagen)		29.73	46	WSW	3	o	29.74	44	+2	SSW	2	r	1	0.32	44	41	0	0	0	0	0	0	
Blaavands Huk		29.82	43	SW	2	f	29.71	41	-1	S	2	m	2	0.08	43	39	0	0	0	0	0	0	
GERMANY, &c.		Cuxhaven	29.89	46	SW	2	o	29.73	45	+4	S	1	m	0	0.04	46	41	0	0	0	0	0	0
	The Helder	29.88	46	SSW	2	o	29.58	46	0	SE	2	g	2	Trace	46	45	0	0	0	0	0	0	
	Brussels	29.94	48	S	2	o	29.58	48	0	SSE	4	o	0	0.28	48	46	0	0	0	0	0	0	
	Berlin	30.02	38	SW	1	c	29.89	38	+3	S	3	o	0	0	39	36	0	0	0	0	0	0	
	Frankfurt	30.07	37	SW	1	f	29.84	38	+8	NE	1	g	0	0.16	38	30	0	0	0	0	0	0	
	Munich	30.23	31	NE	1	c	29.98	29	+4	NE	1	g	0	0	39	25	0	0	0	0	0	0	
FRANCE.	C. Gris Nez	29.87	50	S	5	c	29.42	50	0	S	5	o	4	0.16	54	48	0	0	0	0	0	0	
	La Hève	29.81	49	SSW	4	c	29.46	48	-2	SE	4	o	3	0.12	52	48	0	0	0	0	0	0	
	Brest (St. Mathieu)	29.78	52	SSE	4	c	29.41	49	-3	NW	6	o	4	0.59	55	48	0	0	0	0	0	0	
	Lorient (Bec Melen)	29.80	53	SSW	4	r	29.45	49	-3	W	7	o	6	0.58	55	46	0	0	0	0	0	0	
	Rochefort (de d'Alx)	29.91	52	SSE	3	y	29.59	54	+3	WSW	8	r	0	0.32	54	50	0	0	0	0	0	0	
	Biarritz	29.99	65	SSW	0	o	29.89	59	-6	SW	7	r	4	0	65	55	0	0	0	0	0	0	
	Paris	29.97	49	SSW	3	o	29.57	50	+1	S	3	o	0	0.35	52	48	0	0	0	0	0	0	
	Belf																						



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



## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature rose to above 50° in almost all parts of these islands, to about 55° at several stations in the south; the night was again very mild. Rain has fallen generally, more than  $\frac{1}{2}$  inch at some of our western stations. Various parts of England and

Wales recorded between four and five hours of bright sunshine, while at a few stations the figure was more than five hours.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON WEDNESDAY TO NOON THURSDAY

0 { a Wind mainly from the S.<sup>w</sup>, fresh  
b or strong in places; cloudy to dull,  
rain at times; mild.

1

2

S.<sup>w</sup> to S.E.<sup>w</sup> winds, fresh or

3

strong locally at times; rainy,  
then becoming temporarily fairer

4

with some decrease of temperature

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	South Coast
North Coast	North Coast
West Coast	West Coast

The Warnings issued.

6

Same as Nos. 0 & 1.

7

8

Wind between S.E. and S., fresh or strong at times; changeable, some squalls and rain, fair intervals; mild

9

Wind mainly S.<sup>w</sup>, light to fresh; or strong; much cloud, rain at times; mild.

10

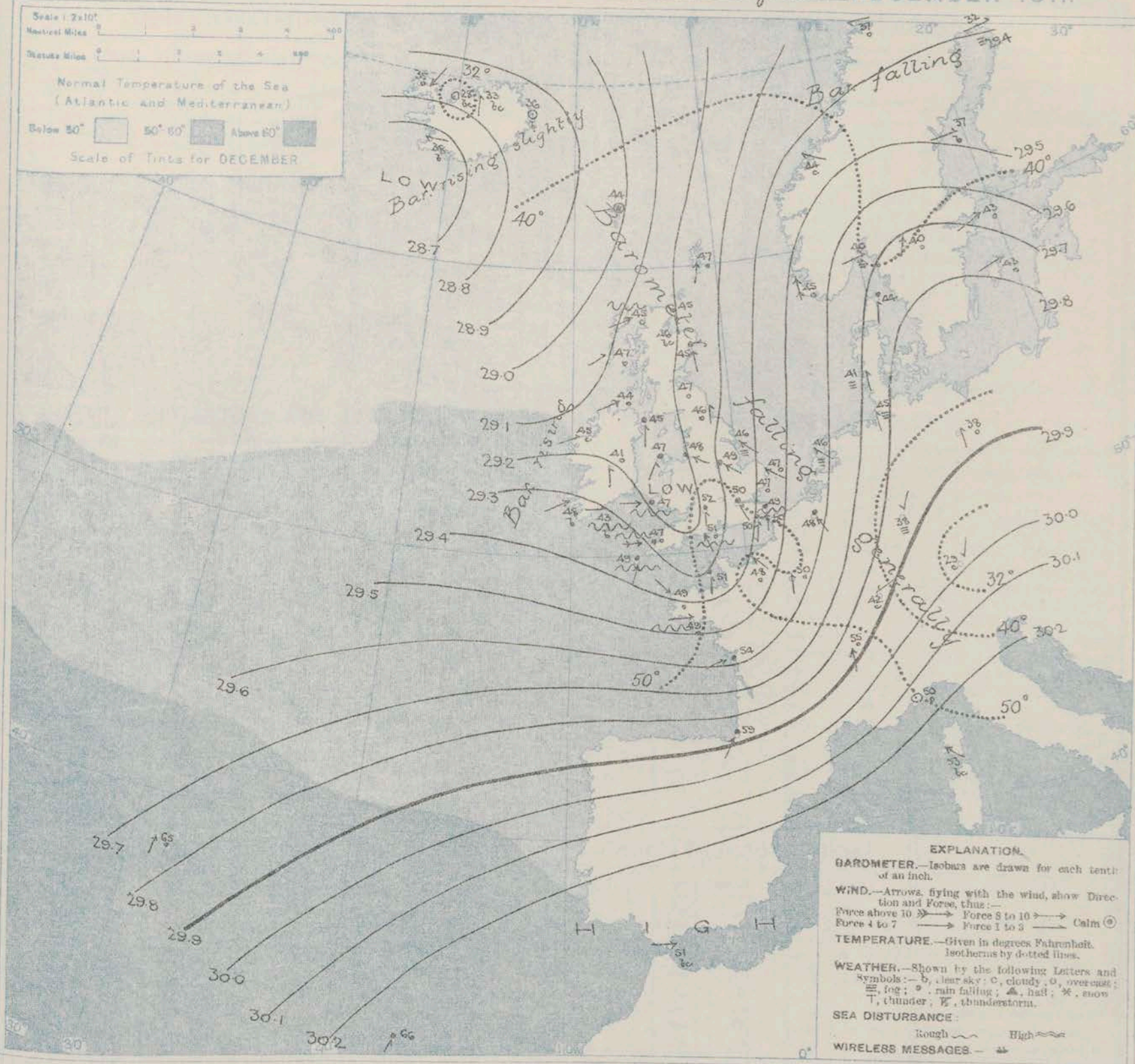
### 11 WESTERN CHANNEL AND BAY.

S.E.<sup>w</sup> to S.W.<sup>w</sup> winds, fresh or strong; sea rough; squally, rainy, then fairer temporarily.

### THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Wednesday, 20<sup>th</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

In the course of the night a well marked "V" shaped depression has advanced from the westward over the United Kingdom, but the main low pressure system still occupies a large portion of the Atlantic and the Icelandic region. The barometrical readings range from 30.1 in. and above in the southeast of France to below 29.2 in. in Wales, Scotland and the north of Ireland, and to 28.7 in. and less, in the southwest of Ireland.

The wind has veered to the W. on the southwest coasts of England and over the Bay of Biscay, the force of a gale being reported at Brest and Rochefort. In Ireland and at Sicily,

however, the wind is S. or S.W.; at Sicily it is high in force, over Ireland, Scotland and the North Sea the main current is S.W. to S.E., and in exposed places it is strong. Temperature has fallen a little at many stations but continues high for the time of year. Over these islands it ranges from 52° at Bath to 50° or slightly lower in many other localities, and to 41° at Birr Castle. Rain is falling at many places in Great Britain, France and Belgium and also at Donaghadee and Skagen, and the weather generally remains in a most unsettled condition.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The "V" shaped secondary depression over these islands is likely to pass on to the North Sea and to be followed by a temporary improvement in the weather, and

a veering of the wind. The general distribution of pressure over Western and North-Western Europe and the Atlantic is, however, undergoing no important change.



## DAILY WEATHER REPORT.

Wednesday, 20th December, 1911.

## 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.
Dec. 19th 3pm	49	23	29.31	WNW	8-9	<u>Baltic</u>	Dec. 19th 6pm	49	32	29.34	WNW	6-7	bc	.	.	.
" " 4am	51	26	29.96	W	10-11	<u>Campania</u>	" " 7am	50	26	29.95	WSW	6-7	bc	.	.	.
" " 4am	50	29	29.80	SW	6-7	<u>Celtic</u>	" " "	50	25	29.80	W	4-5	o	.	.	.
" " "	50	22	29.89	WSW	10-11	<u>Marquette</u>	" " "	50	22	29.89	W	8-9	o	.	.	.
" " "	51	13	29.23	SSW	8-9	<u>Haverford</u>	" " "	51	12	29.25	SSW	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.	52	45	b. c. bc.	0.9	0.22	Brighton, to 6 p.m.	51	49	"	2.8	0.20
Dublin (City), to 4 p.m.	51	46	bc. or. b.	"	0.03	Seaford, to 6 p.m.	51	48	r. o. bc.	2.7	0.21
Blackpool, to 9 p.m.	49	40	or. c.	0.0	0.03	Eastbourne, to 6 p.m.	51	49	"	1.5	0.42
Southport, to 9 p.m.	49	43	or. bc. or. o.	0.6	0.03	Bexhill-on-Sea, to 9 p.m.	52	49	d. b.	2.1	0.31
Rhyl, to 6 p.m.	52	46	or. bc.	0.8	0.04	Hastings	"	"	"	1.9	"
Colwyn Bay, to 6 p.m.	51	47	bc	0.2	"	Folkestone, to 6 p.m.	51	48	r. or. bc.	0.1	0.27
Llandudno, to 9 p.m.	"	"	"	0.5	"	Deal, to 6 p.m.	52	48	or. c. bc. o.	0.7	0.21
Bettws-y-Coed, to 6 p.m.	51	47	e. b.	0.0	"	Ramsgate, to 6 p.m.	"	"	"	1.0	0.06
Aberystwyth, to 6 p.m.	52	47	"	4.2	0.09	Margate, to 6 p.m.	53	47	e. b.	1.1	"
Plymouth, to 9 p.m.	53	47	b. or. bc.	5.8	0.01	Felixstowe, to 6 p.m.	51	46	"	1.7	"
Paignton, to 6 p.m.	55	48	o. bc.	4.5	0.02	Lowestoft, to 6 p.m.	51	47	or. bc. bc.	0.0	0.09
Torquay, to 6 p.m.	55	48	"	5.0	0.03	Skegness, to 6 p.m.	51	43	r. b.	4.0	0.04
Teignmouth, to 9 p.m.	55	50	c. bc. c.	4.5	0.01	Scarborough, to 9 p.m.	49	45	o. c.	3.0	0.14
Weymouth, to 6 p.m.	56	49	p. c. bc. b.	5.2	0.01	Harrogate, to 6 p.m.	48	42	c. bc. b.	3.3	0.01
Bournemouth, to 6 p.m.	54	48	c. bc.	2.9	0.13	Buxton, to 6 p.m.	48	40	c. bc. bc.	4.1	"
Southsea, to 6 p.m.	54	49	"	3.7	0.23	Darwen, to 9 p.m.	47	40	r. bc.	2.5	0.01
Worthing, to 6 p.m.	52	49	b.	3.1	0.25	Manchester, to 9 p.m.	52	44	or. c. bc.	4.5	0.05
						Birmingham, to 9 p.m.	49	43	o. c.	4.6	"

## 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.				20th & 21st Dec. 1911.	Sunrise	Noon	Sunset
24 HOURS ENDED AT 9 A.M. TO-DAY.											
Greenwich (Royal Obs.) ...	% 87	% 95	53	+6	bc. sp. o.	in 0.08	Hrs. 1.5	Yarmouth ... .. {	G.M.T. 8.4	G.M.T. 11.51	G.M.T. 3.35
City (Bunhill Row) ...	% 8	% 8	5	+	%	% 0.4	0.4		G.M.T. 8.4	G.M.T. 11.51	G.M.T. 3.38
Westminster (St. James's Pk.)	80	92	54	+9	r. bc. r.	0.04	0.9	Greenwich ... .. {	8.5	11.58	3.51
Camden Sq. (Brit. Rainfall)	83	96	55	+8	a. bc. od.	0.05	1.2		G.M.T. 8.5	G.M.T. 11.58	G.M.T. 3.51
Hampstead (Reservoir) ...	%	97	51	+3	bc. m. or.	0.08	1.3	Wick ... .. {	9.3	12.10	3.17
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Valencia... .. {	9.3	12.10	3.17
South Kensington ...	% 79	% 95	53	+9	} or. d. c. bc. b. {	0.09	% 1.0		G.M.T. 8.49	G.M.T. 12.29	G.M.T. 4.29
" " (Roof of M.O.)	79	95	52	50		%	%	G.M.T. 8.49	G.M.T. 12.29	G.M.T. 4.29	

## 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. o.	Rome	-	59	39	b. b.
Marseilles	-	59	50	bc. c.	Vienna	-	34	28	f. f.
Malta	-	"	"	bc.	Utrecht	Trace	46	34	b. o.
Algiers	-	64	54	b. b.	Zürich	"	"	"	f. f.
Tunis	-	61	41	b. b.	Geneva	-	"	"	f. o.
Palermo	-	68	48	b. c.	Lugano	-	"	"	b. b.

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

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BRITISH ISLANDS.

ICELAND &amp; FAEROE.

SCANDINAVIA.

GERMANY, &amp;c.

FRANCE.

SPAIN, PORTUGAL, &amp;c.



1911.

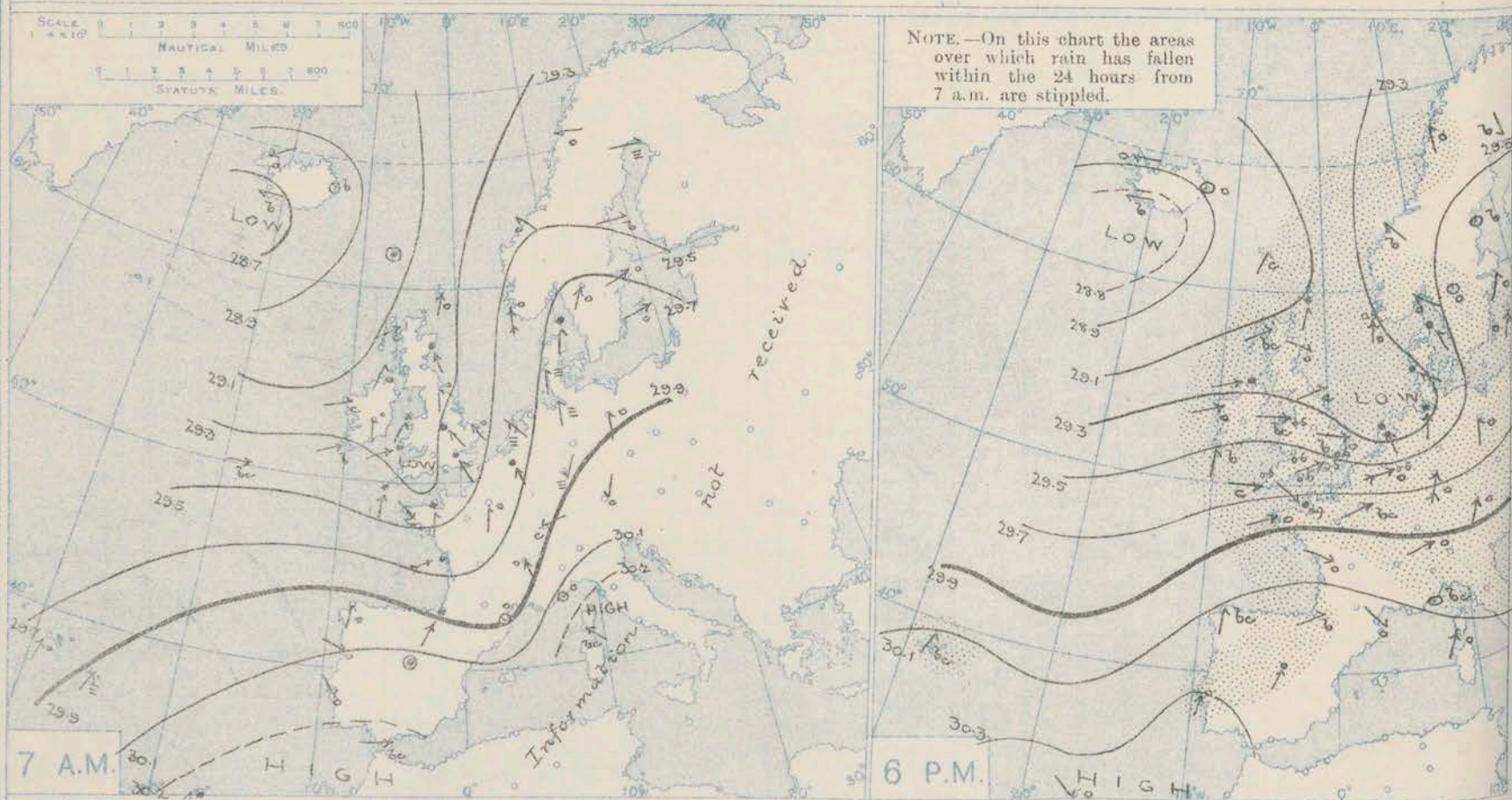
## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday.  
21st December, 1911.

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.	Dir.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Weather.			Max.	Min.	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.						
BRITISH ISLANDS.																										
Lerwick ...	In.	46	SW	3	r	In.	+0.01	44	-3	WSW	3	b	In.	47	43	Hours	omr	or	bcp							
Stornoway ...	29.14	43	SW	2	bc	29.20	+0.01	43	-2	SW	4	r	3	0.03	46	40	1.8	bcp	bc	bcp						
Castlebary (Barra Isd.) ...	29.21	47	WSW	4	b	29.22	0.00	45	-2	WNW	3	bc	4	0.01	48	44	2.5	o. bc	bc. b	b. op. bc						
Malin Head ...	29.24	45	WSW	7	comp	29.24	0.00	39	-5	SW	2	bc	2	0.02	47	38	*	bc	gnc	cm						
Blacksod Point ...	29.32	48	WSW	4	o	29.27	+0.01	45	0	SSW	3	o	3	0.11	48	40	*	bcp	omp	bcp						
Valencia ...	29.46	45	SSW	2	b	29.35	+0.14	45	-3	WNW	1	r	4	0.20	50	43	4.2	bcp	bc	bc						
Roche's Point ...	29.52	45	W	3	b	29.26	*	44	+1	NW	4	r	4	0.39	49	42	*	b. bc. b	b	b. op						
Birr Castle ...	29.44	43	SW	2	c	29.25	*	39	-2	SW	1	o	*	0.06	43	37	4.6	bc	c	op						
Donaghadee ...	29.37	42	SSW	1	b	29.28	-0.04	39	-6	SSW	1	bc	1	Trace	47	38	*	bc	bc	op. g						
Liverpool Obsy. ...	29.45	45	W	5	b	29.24	-0.08	41	-7	ESE	3	o	2	0.52	48	40	0.4	or	bc	om						
Holyhead ...	29.46	47	W	5	bc	29.22	-0.03	44	-3	N	2	b	2	0.24	48	42	*	rgm	bc	bc						
Pembroke (St. Ann's Hd.) ...	29.55	48	WSW	5	b	29.23	+0.01	41	-6	ENE	5	ogpq	4	0.44	50	41	3.6	ogq	bcq	bcq						
Newquay ...	29.66	47	WSW	4	b	29.29	*	49	+2	SW	3	om	4	0.57	50	43	4.4	b	b	om						
Scilly (St. Mary's) ...	29.66	50	W	6	cm	29.27	+0.07	50	+2	WNW	5	comp	5	0.35	51	45	4.5	cm	cm	cm						
Jersey (St. Aubin) ...	29.79	50	WNW	6	comp	29.01	*	50	-1	SSW	5	ogpq	4	0.35	54	46	0.0	ogm	cm	c. ogm						
Portland Bill ...	29.62	49	W	6	b	29.05	-0.31	49	-2	SSE	6	r	6	0.64	51	42	2.8	r. c	bc	bc. r						
Dungeness ...	29.51	47	WNW	6	c	29.24	-0.22	47	-3	SW	7	og	6	0.34	51	45	0.0	og	og	cq. og						
Dover ...	29.55	45	W	6	bc	29.25	*	43	-6	SSE	6	r	6	0.38	49	43	0.0	op	op	b. op						
Wick ...	29.15	41	WSW	1	o	29.20	+0.01	38	-7	W	2	b	1	0.02	46	36	*	od	odm	bey						
Nairn ...	29.17	40	-	0	o	29.22	*	36	-10	-	0	b	1	0.01	46	35	0.0	o	o	bc						
Aberdeen ...	29.20	44	WNW	3	o	29.27	+0.01	37	-8	SW	1	bc	2	0.10	46	34	0.0	om	or. o	o. bc						
Leith ...	29.24	45	W	2	c	29.27	+0.01	40	-7	-	0	bm	*	0.28	49	40	*	r	r. c. cm	cm						
North Shields ...	29.26	44	WSW	3	c	29.30	-0.02	40	-6	WSW	2	c	2	0.40	51	37	*	or	c	c						
Spurn Head ...	29.30	45	WNW	7	bc	29.33	-0.03	40	-6	S	3	c	4	0.36	46	40	*	cr	cq	cm						
Yarmouth ...	29.26	43	W	5	og	29.38	-0.08	42	-5	SSE	2	o	2	0.45	49	42	0.0	om	og	c. bc. o						
Clacton-on-Sea ...	29.42	47	W	7	o	29.33	-0.15	44	-3	S	4	r	4	0.59	48	42	0.0	og	og	o. bc. o						
Nottingham ...	29.44	46	W	5	b	29.29	*	40	-9	E	2	o	*	0.26	50	39	0.0	r	r. o. bc	b						
Bath ...	29.61	48	W	3	bc	29.06	*	45	-7	ENE	4	r	*	0.64	52	42	1.0	-	-	-						
Oxford ...	29.60	45	SW	3	b	29.11	*	42	-8	ENE	2	og	*	0.50	50	41	*	odg	og. bc	b. bc. o						
London (Row Obsy.) ...	29.57	47	WSW	4	b	29.20	-0.20	43	-7	SE	4	omr	*	0.51	50	41	0.0	omr	or. c. b	b. bc. o						
ICELAND & FAEROE.																										
Isafjord ...	28.94	37	E	3	o	28.98	*	35	0	E	3	c	*	*	*	*	*	*	*	*						
Reykjavik ...	28.73	37	E	1	b	28.76	0.00	37	-1	-	0	bc	*	*	*	*	*	*	*	*						
Seydisfjord ...	28.90	36	-	0	o	28.92	0.00	34	-2	-	0	c	*	*	*	*	*	*	*	*						
Thorshavn ...	28.99	40	SW	1	c	28.98	0.00	44	0	SW	4	c	*	*	*	*	*	*	*	*						
SCANDINAVIA.																										
Haparanda ...	29.47	18	N	2	b	29.51	+0.01	10	-22	-	0	f	*	32	7	*	*	*	*	*						
Hernösand ...	29.61	29	-	0	b	29.47	-0.04	30	-7	SSW	2	o	*	37	23	*	*	*	*	*						
Stockholm ...	29.65	39	SW	2	o	29.42	-0.06	39	-4	ESE	4	o	*	43	37	*	*	*	*	*						
Visby ...	29.53	41	SW	4	o	29.33	-0.10	41	-2	SSE	2	r	*	43	36	*	*	*	*	*						
Karlstad ...	29.56	39	-	0	o	29.37	-0.06	37	-3	NE	2	r	*	Trace	43	36	*	*	*	*						
Færder (X'ania Fjord) ...	29.35	41	SE	3	o	29.30	-0.03	39	-1	ESE	5	o	3	0.04	43	39	*	*	*	*						
Bodö ...	29.43	40	S	3	o	29.21	-0.09	39	+2	E	3	b	2	0.08	43	36	*	*	*	*						
Christiansund ...	29.35	44	SE	2	b	29.15	-0.06	44	0	SE	3	c	2	-	45	39	*	*	*	*						
Skudesnaes ...	29.31	46	S	6	o	29.18	-0.01	42	-3	SSW	4	r	4	0.51	46	42	*	*	*	*						
The Scaw (Skagen) ...	29.44	44	SSE	3	r	29.25	-0.02	43	-2	SE	4	o	1	0.04	45	43	*	*	*	*						
Blaavands Huk ...	29.26	42	SE	3	r	29.17	+0.01	43	-1	W	2	r	1	0.08	43	39	*	*	*	*						
GERMANY, &c.																										
Cuxhaven ...	29.24	45	S	5	r	29.37	+0.06	44	-1	W	7	og	*	0.12	46	44	*	*	*	*						
The Helder ...	29.4	46	SSE	1	r	29.45	-0.04	44	-2	S	3	c	4	0.32	46	44	*	*	*	*						
Brussels ...	29.57	47	WSW	8	o	29.53	-0.16	43	-5	SSW	2	r	*	0.59	51	42	*	*	*	*						
Berlin ...	29.54	38	S	3	o	29.40	+0.03	42	+4	W	6	o	*	0.47	43	37	*	*	*	*						
Frankfurt ...	29.40	48	SW	8	o	29.70	-0.03	43	+5	SW	3	o	*	0.12	50	36	*	*	*	*						
Munich ...	29.88	42	SW	5	o	29.80	-0.01	39	+10	SW	4	bc	*	0.04	43	28	*	*	*	*						
FRANCE.																										
C. Gris Nez ...	29.81	46	W	7	o	29.23	*	45	-3	S	6	r	5	0.35	48	41	*	*	*	*						
La Heve ...																										
Brest (St. Mathieu) ...																										
Lorient (Bec Melen) ...																										
Rochefort (Ile d'Als) ...	30.04	53	WNW	5	o	29.67	*	56	+2	W	9	r	*	-	56	46	*	*	*	*						
Biarritz ...	30.22	55	WSW	3	b	29.93	*	63	+4	SW	7	b	4	0.32	57	43	*	*	*	*						
Paris ...	29.83	50	N	6	o	29.51	-0.27	45	-5	S	4	r	*	0.20	51	43	*	*	*	*						
Belfort ...	29.85	47	WSW	7	o	29.84	*	41	-1	WSW	2	o	*	0.32	49	39	*	*	*	*						
Lyons ...																										
Nice ...	29.98	51	-	0	bc	29.96	-0.04	44	-6	E	2	c	4	0.43	52	43	*	*	*	*						
Perpignan ...	30.15	55	NW	3	o	29.97	-0.08	42	-5	S	1	bc	*	-	64	41	*	*	*	*						
Sanguinaire ...	30.12	51	SW	5	o	30.12	*	54	+1	E	2	m	4	-	57	45	*	*	*	*						
SPAIN, PORTUGAL, &c.																										
Corunna ...	30.18	58	SW	1	bc	30.21	+0.03	58	0	SW	3	c	5	-	63	50	*	*	*	*						
Lisbon (8 a.m. local) ...	30.31	58	SSW	4	o	30.38	+0.05	60	+2	SW	4	r	6	0.12	61	57	*	*	*	*						
Gibraltar ...	30.38	60	W	4	bc	30.35	*	59	+8	W	3	b	*	-	*	*	*	*	*	*						
Azores (P. Delgada) (9 a.m. local) ...																										
Azores (Horta) ...	30.13	59	SW	1	bc	30.00	-0.07	64	-1	SW	6	r	4	0.16												



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



## NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to about 50° in many parts of the United Kingdom. Rain has fallen very generally, the amounts measured this morning exceeding 0.5 inch in many parts

of England. Except in Ireland, Wales and at some stations in the south-west of England there was little or no bright sunshine. Squalls of the force of a gale were experienced yesterday evening at Jersey and Clacton-on-Sea.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

- 0 { a } Wind mainly S. to S.W., light  
b } or moderate; fair or fine, then dull.
- 1 { with some rain; temperature lower  
b } than of late, frost locally at night.
- 2 { a } Wind between S. and E., then more.  
b } variable, strong to a gale in places;
- 3 { squally, rainy, then fairer; frost  
b } locally at night, and temperature
- 4 { generally lower than of late.
- 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.	South Coast.
North Coast.	North Coast.

- 6 { a } Same as Nos. 0 to 2.  
b }
- 7 { a } Wind varying in direction, light or  
b } moderate; changeable, some bright intervals;  
colder than of late, frost at night.
- 8 { a } Strong winds or gales from the S.W. with  
b } rain and squalls, then backing and decreasing  
in force, with fairer weather temporarily;  
variable temperature.
- 9 { a } Wind mainly between S. and S.W.,  
b } light or moderate, then increasing;  
changeable, some rain, fair intervals;
- 10 { a } temperature rather low, then milder again.  
b }

### THE FURTHER OUTLOOK.

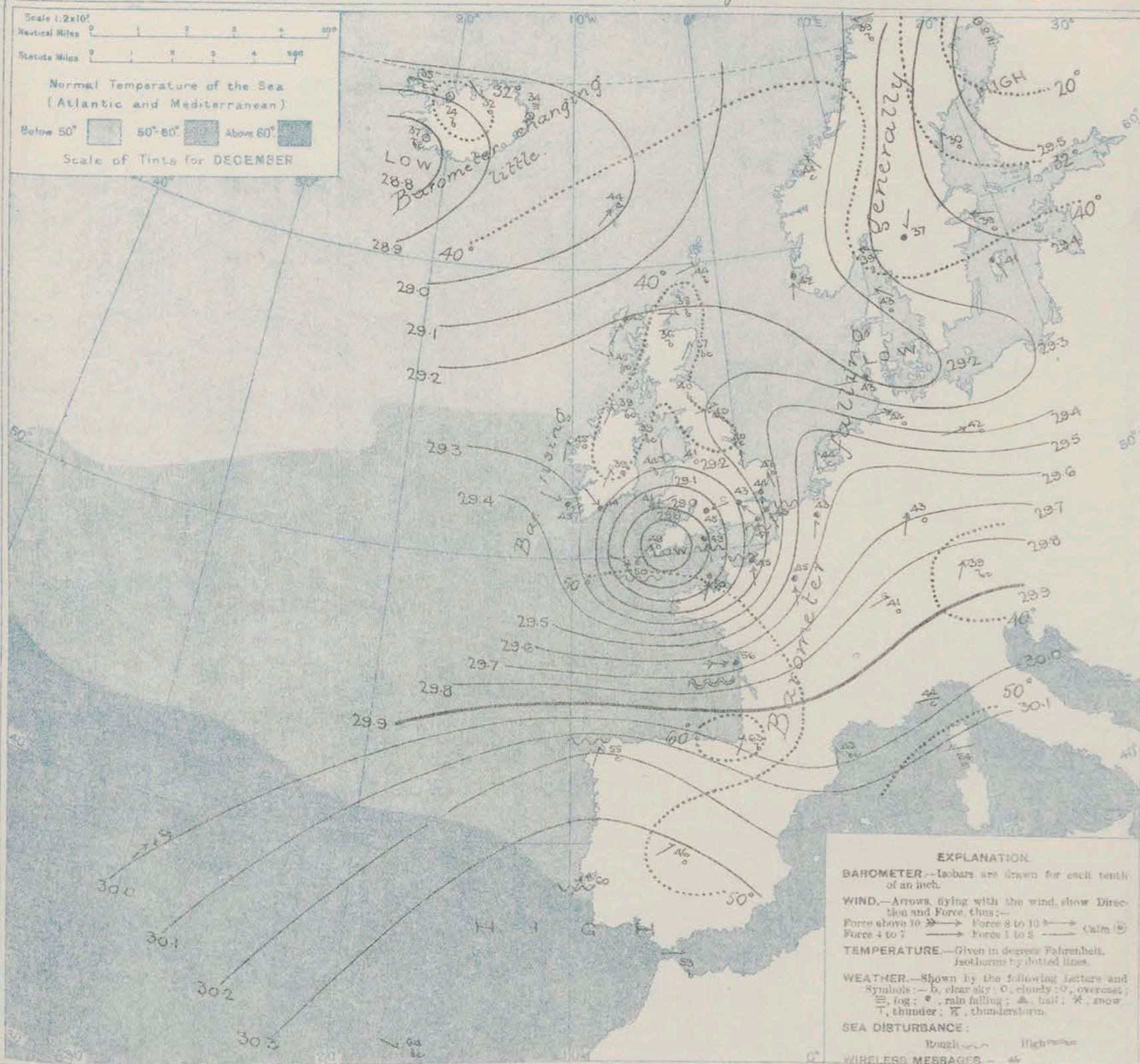
The general condition will continue unsettled, and temperature above normal.

### 11 WESTERN CHANNEL AND BAY.

S.W. and S. gales, decreasing by night; squally, rainy, then fairer; sea rough or high.



# SYNOPTIC CHART FOR 7 A.M. Thursday, 21<sup>st</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION, AT 7 A.M.

The depression of yesterday has travelled away to Denmark, but during the night another system of equal or greater intensity has advanced rapidly from the Atlantic to the south-west of England, where the barometer is below 29 in. A very large depression still lies on the Atlantic and over the Icelandic region, the barometer being below 29.5 in. at Reykjavik. A fresh fall of the barometer is in progress at the Azores.

The cyclonic circulation of the wind is well marked. Over the Bay of Biscay the westerly current blows a very strong gale, and strong to high southerly winds prevail over the eastern half of the Channel. The easterly current in Wales, however, has

little force, and that from the north-west in the south of Ireland is light or moderate. In the north and on the west of these islands light breezes from the south-west or south-westward are reported. Temperature has fallen, but is not low for the time of year. Over these islands it ranges from 50° at Sully and Jersey to below 40° in many places over the northern half of the kingdom. Rain is falling very generally over the southern parts of England and Ireland and the nearer regions of the Continent, and also at Clonsilla, and at several stations beyond the North Sea; the general condition of the weather remains very unsettled.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The deep depression having its centre over the south-west of England seems likely to travel in an easterly or south-easterly direction. Its passage will be

accompanied by strong winds or gales from rather variable directions on our south-western, southern and south-eastern coasts.



## DAILY WEATHER REPORT.

Thursday, 21st December, 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- tur- ance
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air.			
														Dry Bulb.	Wet Bulb.	Shad.	
	"	"	In.				"	"	In.					"	"	"	
Dec. 20th -	-	-	-	-	-	H.M.S.	Dec. 20th 9 p.m.	46.31	7.33	29.67	S	6	r	53	53	53	4
20th 4 a.m.	50	17	29.41	W.S.W	6-7	<u>Finland</u>	7 a.m.	50	18	29.48	W	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	44	br. c. or	0.2	0.47	Brighton, to 6 p.m.	50	49	*	0.4	0.52
Dublin (City), to 4 p.m.	49	44	*	0.0	0.62	Seaford, to 6 p.m.	50	41	r. bc	0.3	0.43
Blackpool, to 9 p.m.	49	44	*	0.2	0.56	Eastbourne, to 6 p.m.	52	47	*	0.1	0.43
Southport, to 9 p.m.	49	45	*	0.4	0.58	Bexhill-on-Sea, to 9 p.m.	50	46	r. b	0.3	0.32
Rhyl, to 6 p.m.	47	45	r. bc	0.0	0.58	Hastings	49	45	*	0.2	0.48
Colwyn Bay, to 6 p.m.	47	44	*	1.5	0.68	Folkestone, to 6 p.m.	49	45	*	0.0	0.48
Llandudno, to 9 p.m.	50	46	*	3.4	0.59	Deal, to 6 p.m.	51	45	c. or. b.	0.0	0.43
Bettws-y-Coed, to 6 p.m.	51	47	*	3.4	0.59	Ramsgate, to 6 p.m.	50	47	*	0.0	0.47
Aberystwyth, to 6 p.m.	51	47	r. q. sp. b	4.2	0.52	Margate, to 6 p.m.	48	46	*	0.0	0.56
Plymouth, to 9 p.m.	52	47	r. q. sp. b	3.7	0.50	Felixstowe, to 6 p.m.	48	45	bc. or. r	0.0	0.37
Weymouth, to 6 p.m.	51	47	r. c. bc	2.8	0.78	Lowestoft, to 6 p.m.	48	44	*	0.0	0.33
Bournemouth, to 6 p.m.	50	49	*	1.8	0.30	Skegness, to 6 p.m.	48	41	bc. or. bc	0.0	0.23
Southsea, to 6 p.m.	50	49	*	1.2	0.56	Scarborough, to 9 p.m.	48	41	*	0.0	0.23
Worthing, to 6 p.m.	50	46	r. c	0.2	0.50	Harrogate, to 6 p.m.	48	42	*	0.0	0.23
						Buxton, to 6 p.m.					
						Darwen, to 9 p.m.					
						Manchester, to 9 p.m.					
						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.				21st. 22nd. Dec. 1911.	Sunrise	Noon	Sunset
	24 HOURS ENDED AT 9 A.M. TO-DAY.							G.M.T.	G.M.T.	G.M.T.	
Greenwich (Royal Obs.) ...	85	97	50	41	or. c. b. or	0.52	0.0	Yarmouth ...	8.44	11.51	3.38
City (Rushill Row) ...	*	*	*	*	*	*	0.0	Greenwich ...	8.5	11.52	3.34
Westminster (St. James's Pl.)	53	93	53	43	r. bc. r	0.48	0.0	Wick ...	9.3	12.10	3.17
Camden Sq. (Brit. Rainfall)	34	93	51	42	or. bc. or	0.49	0.0	Valencia ...	8.49	12.39	4.24
Hampstead (Reservoir) ...	8	100	49	41	bc. sm	0.49	0.0		8.50	12.40	4.30
24 HOURS ENDED AT 6 P.M. YESTERDAY.											
South Kensington ...	*	*	52	46	or. o. c. bc. b	0.33	*				
" " (Roof of M.O.)	74	98	52	46		*	0.0				

## 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	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. 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.



1911.

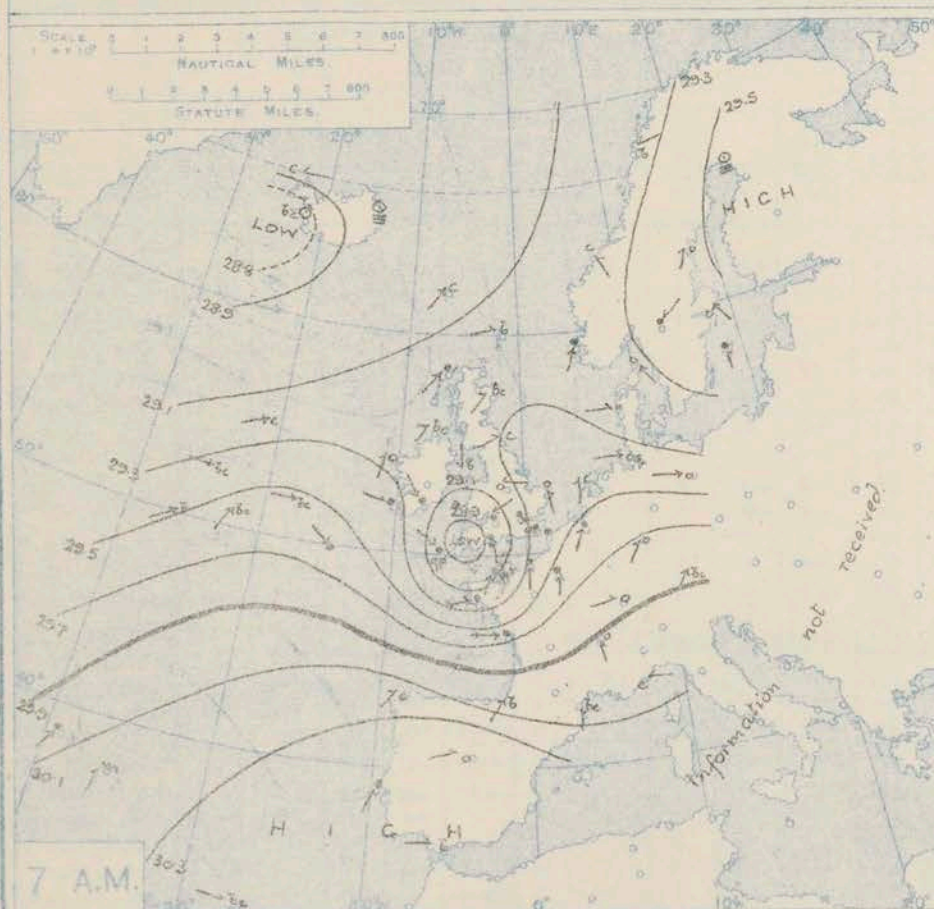
## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,  
22nd December, 1911.

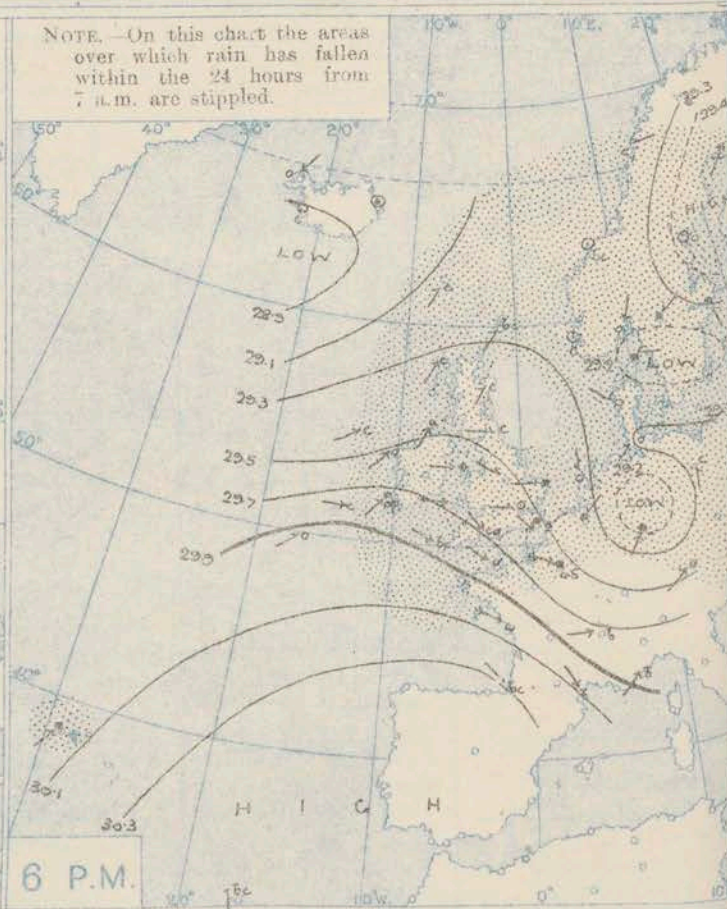
STATIONS.		YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						
		BAROM.		TEMP.	WIND.		BAROMETR.		TEMP.		WIND.		Sea (0 to 9).	Rain-fall.	TEMP.		WEATHER.						
		At 82° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 82° Fahr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).			Weather.	Max.	Min.	Sun-shine.	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.		
BRITISH ISLANDS.	Lerwick	29.74	43	SW	2	bc	29.35	+0.1	43	-1	WSW	3	b	1	0.02	47	41	0.0	bc	bc	bc	bc	
	Stornoway	29.31	42	SW	4	c	29.46	+0.1	39	-1	SW	3	r	3	0.16	44	39	0.0	bc	bc	bc	bc	
	Castletown (Barra Isd.)	29.34	46	W	3	bc	29.51	+0.2	44	-1	WNW	3	b	3	0.14	47	41	0.0	bc	bc	bc	bc	
	Malin Head	29.40	43	SW	6	bc	29.58	+0.5	42	+3	SW	1	0	3	0.08	44	39	0.0	bc	bc	bc	bc	
	Blackod Point	29.50	46	SW	5	0	29.56	+0.0	44	-1	WNW	3	0	3	0.25	47	40	0.0	bc	bc	bc	bc	
	Valencia	29.71	45	SW	6	0	29.57	-0.1	44	-1	SE	3	r	4	0.24	49	42	3.4	bc	bc	bc	bc	
	Roche's Point	29.75	43	W	2	b	29.66	0	47	+3	SE	3	0	5	0.11	47	40	0.0	bc	bc	bc	bc	
	Birr Castle	29.60	40	SW	2	0	29.65	0	37	-2	SW	1	0	0	0.10	45	36	0.0	bc	bc	bc	bc	
	Donaghadee	29.50	41	WSW	2	r	29.66	+0.1	36	-3	WSW	3	bc	2	Trace	41	35	0.0	bc	bc	bc	bc	
	Liverpool Obsy.	29.55	41	W	5	0	29.74	+0.1	39	-2	WSW	2	bc	3	0.01	45	39	0.0	bc	bc	bc	bc	
	Holyhead	29.54	45	W	5	bc	29.74	-0.1	44	0	WSW	2	c	2	0.03	46	42	0.0	bc	bc	bc	bc	
	Pembroke (St. Ann's Hd.)	29.68	47	W	6	bc	29.78	-0.2	47	+6	W	2	bc	5	0.02	49	40	0.0	bc	bc	bc	bc	
	Newquay	29.79	48	NW	7	b	29.75	0	45	-4	SW	3	or	4	0.06	49	43	0.1	bc	bc	bc	bc	
	Scilly (St. Mary's)	29.53	49	WNW	6	bc	29.80	-0.6	46	-4	SSW	4	bc	5	0.10	51	45	1.2	bc	bc	bc	bc	
	Jersey (St. Aubin)	29.80	50	WNW	7	bc	29.97	0	49	-1	SSW	4	bc	3	0.29	55	47	0.0	bc	bc	bc	bc	
	Portland Bill	29.69	44	NW	5	c	29.87	0.0	49	0	W	5	bc	5	0.14	49	43	0.0	bc	bc	bc	bc	
	Dungeness	29.46	45	NW	6	r	29.85	+0.0	44	-3	W	4	bc	2	0.16	48	41	0.0	bc	bc	bc	bc	
	Dover	29.47	43	N	6	r	29.87	0	39	-4	WSW	5	b	4	0.25	46	39	0.0	bc	bc	bc	bc	
	Wick	29.31	38	SSW	2	bc	29.44	+0.2	37	-1	SSW	2	bc	1	0.01	42	35	0.0	bc	bc	bc	bc	
Nairn	29.33	36	0	0	0	29.47	0	36	0	W	1	b	1	0.07	42	34	0.0	bc	bc	bc	bc		
Aberdeen	29.38	39	SW	1	c	29.52	+0.4	37	0	WSW	1	c	2	0.0	42	35	0.0	bc	bc	bc	bc		
Leith	29.41	42	W	2	b	29.56	+0.2	39	-1	W	3	b	0	0.02	44	37	0.0	bc	bc	bc	bc		
North Shields	29.45	41	W	1	c	29.64	+0.4	39	-1	WSW	2	c	2	0.0	43	37	0.0	bc	bc	bc	bc		
Spurn Head	29.43	42	W	4	c	29.71	+0.1	38	-2	SW	3	b	3	Trace	44	36	0.0	bc	bc	bc	bc		
Yarmouth	29.39	44	W	1	or	29.77	+0.2	38	-4	W	1	bc	1	0.03	44	38	0.0	bc	bc	bc	bc		
Clacton-on-Sea	29.46	44	WNW	2	r	29.83	+0.3	39	-5	WNW	2	bc	2	0.19	46	38	0.0	bc	bc	bc	bc		
Nottingham	29.54	43	WNW	3	0	29.76	0	36	-4	SW	1	b	0	0.04	44	36	0.0	bc	bc	bc	bc		
Bath	29.68	46	W	3	0	29.87	0	41	-4	SW	2	0	0	0.18	46	39	0.0	bc	bc	bc	bc		
Oxford	29.72	43	WSW	4	0	29.85	0	39	-3	SSW	2	0	0	0.04	44	38	0.0	bc	bc	bc	bc		
London (Kew Obsy.)	29.61	44	W	3	0	29.87	0.0	39	-4	SW	2	bc	0	0.07	47	38	0.0	bc	bc	bc	bc		
ICELAND & FAEROE.	Isafjord	29.04	34	NE	5	0	29.14	0	34	-1	NE	5	0	0	0	0	0	0	0	0	0	0	
	Reykjavik	28.86	36	0	0	0	28.91	0.0	36	-1	0	0	0	0	0	0	0	0	0	0	0	0	
	Seydisfjord	28.99	35	0	0	0	29.10	+0.1	35	+1	NE	3	r	0	0	0	0	0	0	0	0	0	
	Thorshavn	29.11	42	SW	3	c	29.19	0.0	42	-2	W	5	c	0	0	0	0	0	0	0	0	0	
SCANDINAVIA.	Haparanda	29.49	28	SW	4	3	29.49	0.0	31	+2.1	S	4	0	0	0.04	32	18	0.0	bc	bc	bc	bc	
	Hernösand	29.45	32	0	0	0	29.49	+0.6	36	+6	E	2	0	0	0.04	37	27	0.0	bc	bc	bc	bc	
	Stockholm	29.30	33	SE	2	r	29.39	+0.1	37	-4	E	4	0	0	0.16	39	36	0.0	bc	bc	bc	bc	
	Wisby	29.20	41	SE	4	0	29.31	-0.2	37	-4	E	4	0	0	0.12	41	36	0.0	bc	bc	bc	bc	
	Karlstad	29.25	36	NE	2	r	29.39	+0.1	35	-2	ENE	2	r	0	0.04	37	34	0.0	bc	bc	bc	bc	
	Färder (Xenia Fjord)	29.25	38	NNE	4	0	29.39	+0.4	37	-2	N	2	0	1	0.04	39	36	0.0	bc	bc	bc	bc	
	Bodö	29.17	36	E	2	c	29.33	+0.4	36	-3	E	2	0	1	0.04	39	32	0.0	bc	bc	bc	bc	
	Christiansund	29.28	42	0	0	bc	29.41	+0.4	39	-5	0	0	bc	2	0.20	43	37	0.0	bc	bc	bc	bc	
	Skudesnaes	29.15	41	0	0	c	29.43	+0.2	42	0	0	0	0	2	0.24	44	37	0.0	bc	bc	bc	bc	
	The Scaw (Skagen)	29.19	42	E	1	r	29.37	+0.4	40	-3	NNE	3	r	1	0.28	45	39	0.0	bc	bc	bc	bc	
Blaavands Huk	29.26	42	WNW	3	0	29.48	+0.5	42	-1	NW	4	c	3	0.04	43	41	0.0	bc	bc	bc	bc		
GERMANY, &c.	Cuxhaven	29.30	41	SW	1	0	29.57	+0.6	42	-2	W	3	c	0	0	45	41	0.0	bc	bc	bc	bc	
	The Helder	29.38	43	WNW	1	0	29.72	+0.6	44	0	W	4	c	4	0.08	45	41	0.0	bc	bc	bc	bc	
	Brussels	29.43	42	NE	5	r	29.91	+0.7	39	-4	SW	2	b	0	0	43	33	0.0	bc	bc	bc	bc	
	Berlin	29.34	42	S	2	c	29.54	+0.6	41	-1	W	5	0	0	0.20	46	37	0.0	bc	bc	bc	bc	
	Frankfurt	29.17	46	SW	6	r	29.86	+0.12	42	-1	SW	4	c	0	0.39	48	41	0.0	bc	bc	bc	bc	
Munich	29.49	43	SW	7	0	29.96	+0.14	38	-1	SW	6	r	0	0.16	43	37	0.0	bc	bc	bc	bc		
FRANCE.	C. Gris Nez	29.53	45	W	7	r	29.88	+0.2	46	+3	W	6	bc	5	0.39	48	43	0.0	bc	bc	bc	bc	
	La Hève	29.63	45	W	9	0	29.99	0	43	-2	SW	6	0	7	0.35	48	39	0.0	bc	bc	bc	bc	
	Brest (St. Mathieu)	29.71	45	W	9	0	29.99	0	43	-2	SW	6	0	7	0.35	48	39	0.0	bc	bc	bc	bc	
	Lorient (Bec Melen)	29.71	45	W	9	0	29.99	0	43	-2	SW	6	0	7	0.35	48	39	0.0	bc	bc	bc	bc	
	Rochefort (de d'Alx)	30.08	54	WNW	9	c	30.14	0	52	-4	WSW	3	r	0	0	57	43	0.0	bc	bc	bc	bc	
	Biarritz	30.32	54	WNW	5	bc	30.26	0	52	-11	SE	3	0	5	0	63	50	0.0	bc	bc	bc	bc	
	Paris	29.54	47	WNW	8	r	30.05	+0.1	40	-5	SW	3	b	0	0.51	53	39	0.0	bc	bc	bc	bc	
	Belfort	29.94	50	W	5	b	30.31	0	42	0	W	1	0	0	0	58	40	0.0	bc	bc	bc	bc	
	Lyons	29.83	52	SW	5	b	29.96	+0.4	50	+6	SW	5	b	1	0	61	44	0.0	bc	bc	bc	bc	
Nice	30.16	58	NW	5	b	30.23	+0.2	46	+4	NW	1	b											



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



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 nearly 50° in several parts of the Kingdom, and the minimum readings of the night were, again, several degrees above the freezing point. Rain has fallen very generally, but the amounts measured are moderate or

slight. The wind increased to a strong gale from West-North-West at daylight, and to a whole gale from West-South-West at Jersey. According to wireless reports a moderate to strong breeze from the South-Westward or Westward, with cloudy weather, was experienced as far west as the 20th meridian.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON FRIDAY

TO NOON SATURDAY.

0 { a } Southerly and South-Westerly  
b } winds, light, then increasing;  
fine to rainy; moderate to  
mild temperature.

1 { a }  
b }

2 { a } Wind southerly, increasing  
b } in force, then veering towards West  
again; becoming rainy  
generally, then fairer; temperature  
moderate or rather high.

3 { a }  
b }

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 Coast	South Coast
North Coast	North Coast

6 { a }  
b }

Same as Nos. 0 and 1.

7 { a }  
b }

Same as Nos. 2 to 5.

8 { a }  
b }

9 { a }  
b }

Wind varying both in force and direction; rain at times; moderate or mild temperature.

10 { a }  
b }

11 WESTERN CHANNEL AND BAY.

Southerly to Westerly winds, fresh or strong to moderate; sea rough or rather so; rainy, squally, then fairer.

### THE FURTHER OUTLOOK.



DECEMBER 1911.



The wind, after having veered to some point between West and North in most parts of this country, has backed to the South Westward or Southward again in Great Britain, and to South-East in the South of Ireland. In force it is light or moderate generally. Temperature has fallen somewhat.

### GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS

whole Kingdom during the ensuing twenty four hours, and the general character of the weather will consequently remain very unsettled.



## DAILY WEATHER REPORT.

Friday, 22nd December, 1911.

## 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.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.	Dry Bulb.	Wet Bulb.	
	"	"	In.					"	"	In.				"	"	"	
Dec. 21st. 3 p.m.	49	20	29.93	W	4-5	<u>Oceanic</u>	Dec. 21st. 8 p.m.	49	19	29.94	SW	1-3	c	"	"	"	"
" " "	51	15	29.85	WSW	6-7	<u>Empress of Ireland</u>	" " "	51	14	29.80	WSW	6-7	c	"	"	"	"
" " "	51	17	29.72	WSW	6-7	<u>Lusitania</u>	" " "	51	16	29.78	W	6-7	c	"	"	"	"
" " 10 a.m.	51	15	29.65	W	6-7	<u>Baltic</u>	" " 1 p.m.	51	13	29.70	SW	6-7	c	"	"	"	"
" " 9 a.m.	49	26	29.69	WSW	6-7	<u>Oceanic</u>	" " 7 a.m.	49	25	? 29.80	SW	6-7	b	"	"	"	"
" " "	54	22	29.13	ENE	4-5	<u>Empress of Ireland</u>	" " "	54	20	29.14	WSW	6-7	c	"	"	"	"
" " "	50	21	? 29.58	WSW	6-7	<u>Lake Michigan</u>	" " "	51	23	? 29.62	W	6-7	bc	"	"	"	"
" " "	49	15	29.55	WNW	6-7	<u>Zealand</u>	" " "	49	14	?	WNW	4-5	r	"	"	"	"
" " "	51	17	29.47	W	6-7	<u>Baltic</u>	" " "	51	16	29.58	W	6-7	bc	"	"	"	"
" " "	50	23	29.56	W	4-5	<u>Lusitania</u>	" " "	50	21	29.57	SW	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. ...				Hrs.	In.	Brighton, to 6 p.m. ...	49	45	"	Hrs.	In.
Dublin (City), to 4 p.m. ...				0.0	"	Seaford, to 6 p.m. ...	49	43	"	0.0	0.49
Blackpool, to 9 p.m. ...	45	36		0.0	"	Eastbourne, to 6 p.m. ...	51	45	"	0.0	0.27
Southport, to 9 p.m. ...	46	40		1.0	0.01	Bexhill-on-Sea, to 9 p.m. ...	49	45	"	0.0	0.18
Rhyl, to 6 p.m. ...	46	40	bc	0.0	"	Hastings ...	*	*	"	0.0	0.27
Colwyn Bay, to 6 p.m. ...	46	40		0.0	"	Folkestone, to 6 p.m. ...	48	43	"	0.0	0.32
Llandudno, to 9 p.m. ...				0.0	"	Deal, to 6 p.m. ...	48	43	sc. fog. r.	0.0	0.23
Bettws y-Coed, to 6 p.m. ...				0.0	0.03	Ramsgate, to 6 p.m. ...	*	*	"	0.0	0.16
Aberystwyth, to 6 p.m. ...	48	41	"	0.0	0.03	Margate, to 6 p.m. ...	47	43	"	0.0	0.26
Plymouth, to 9 p.m. ...				0.0	0.75	Felixstowe, to 6 p.m. ...	46	42	"	0.0	0.11
Paignton, to 6 p.m. ...	50	42		0.0	0.64	Lowestoft, to 6 p.m. ...	45	41	"	0.0	0.04
Torquay, to 6 p.m. ...	50	45	"	0.0	0.83	Skegness, to 6 p.m. ...	45	40	"	0.0	"
Teignmouth, to 9 p.m. ...	50	45		0.0	0.51	Scarborough, to 9 p.m. ...	43	39	"	0.0	"
Weymouth, to 6 p.m. ...	49	43		0.0	0.92	Harrogate, to 6 p.m. ...	44	34	bc. sn. bc.	0.0	"
Bournemouth, to 6 p.m. ...	49	44	"	0.0	0.70	Buxton, to 6 p.m. ...			"		
Southsea, to 6 p.m. ...	48	44	"	0.0	0.54	Darwen, to 9 p.m. ...			"		
Worthing, to 6 p.m. ...	48	43	oc	0.0	"	Manchester, to 9 p.m. ...			"		
						Birmingham, to 9 p.m. ...			"		

## 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.				22nd & 23rd Dec. 1911.	Sunrise	Noon	Sunset
24 HOURS ENDED AT 9 A.M. TO-DAY.							G.M.T.	G.M.T.	G.M.T.		
%	%				In.	Hrs.					
Greenwich (Royal Obs.) ...	96	87	45	39	op. bc.	0.7	0.0	Yarmouth ... ..	{ 8.5	11.52	3.39
City (Basil Row) ... ..	*	*	*	*	*	*	0.0	{ 9.5	11.52	3.39	
Westminster (St. James's Pk.)	91	86	47	39	r. m.	0.05	0.0	Greenwich ... ..	{ 8.6	11.59	3.52
Camden Sq. (Brit. Rainfall)	95	88	46	38	or. o	0.08	0.0	{ 8.6	11.59	3.52	
Hampstead (Reservoir) ...	3	95	43	37	or. bc. o	0.11	0.0	Wick ... ..	{ 9.4	12.11	3.18
			24 HOURS ENDED AT 6 P.M. YESTERDAY.					{ 9.4	12.11	3.18	
South Kensington ...	*	*	47	43	0. or. fog. or. o	0.27	0.0	Valencia ... ..	{ 8.5a	12.40	4.30
" (Roof of M.O.)	93	87	48	43				{	{ 8.50	12.40	4.30

## 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; v. ugly, threatening sky; w. visibility, unusual transparency; x. dew; y. 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.



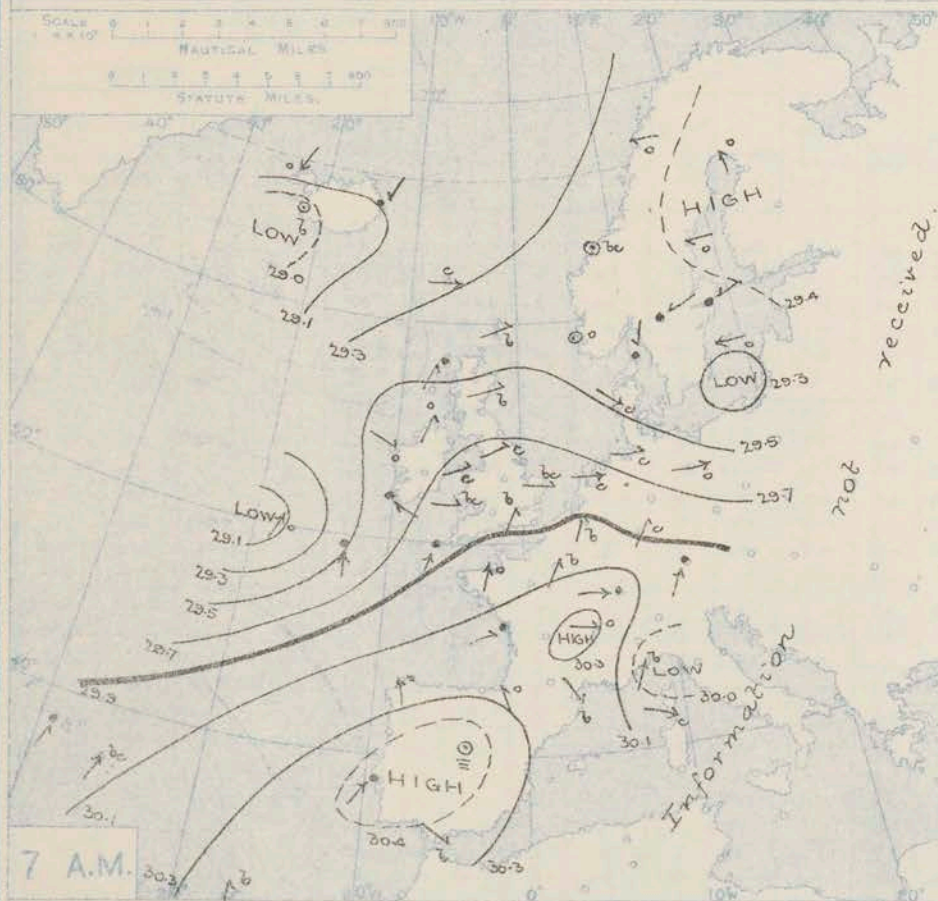
Saturday,  
23rd December, 1911.

Saturday,  
23rd December, 1911.

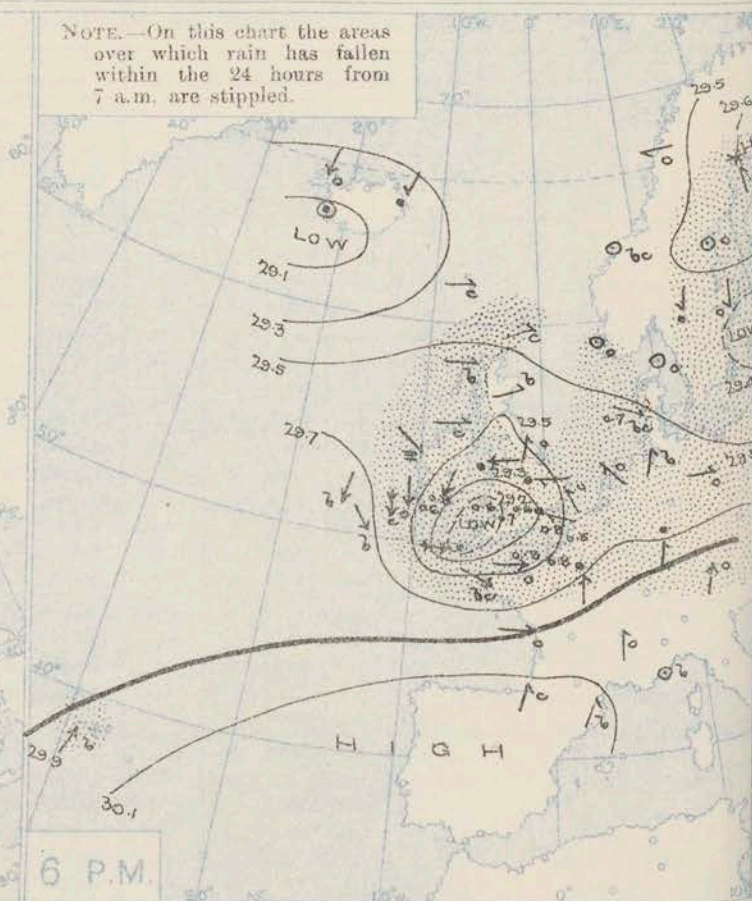
† Received too late for insertion in Charts.SemibrokeSemibroke



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



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  $56^{\circ}$  at Jersey, and to  $53^{\circ}$  at Newquay and Portland Bill, but at most of our stations the maxima were lower than of late. Gales were experienced on various parts of our south-western and southern coasts. Considerable or heavy quantities

of rain have fallen in England and Ireland and at several places on the Continent. Little or no bright sunshine was recorded except in Scotland.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON SATURDAY

TO NOON SUNDAY.

- |   |   |                                                                                                                                    |
|---|---|------------------------------------------------------------------------------------------------------------------------------------|
| 0 | a | S.W. to S. or S.E. winds, light to moderate or fresh; fine to-day, some rain to-morrow; temperature about the normal, then rising. |
|   | b |                                                                                                                                    |
| 1 |   |                                                                                                                                    |
| 2 | a |                                                                                                                                    |
|   | b |                                                                                                                                    |
| 3 |   |                                                                                                                                    |
| 4 | a | S.W. and S. winds, light or moderate; fine, cooler than of late to-day; S.W. or S. winds, some rain and milder to-morrow.          |
|   | b |                                                                                                                                    |
| 5 |   |                                                                                                                                    |

### FORECAST DISTRICTS.



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

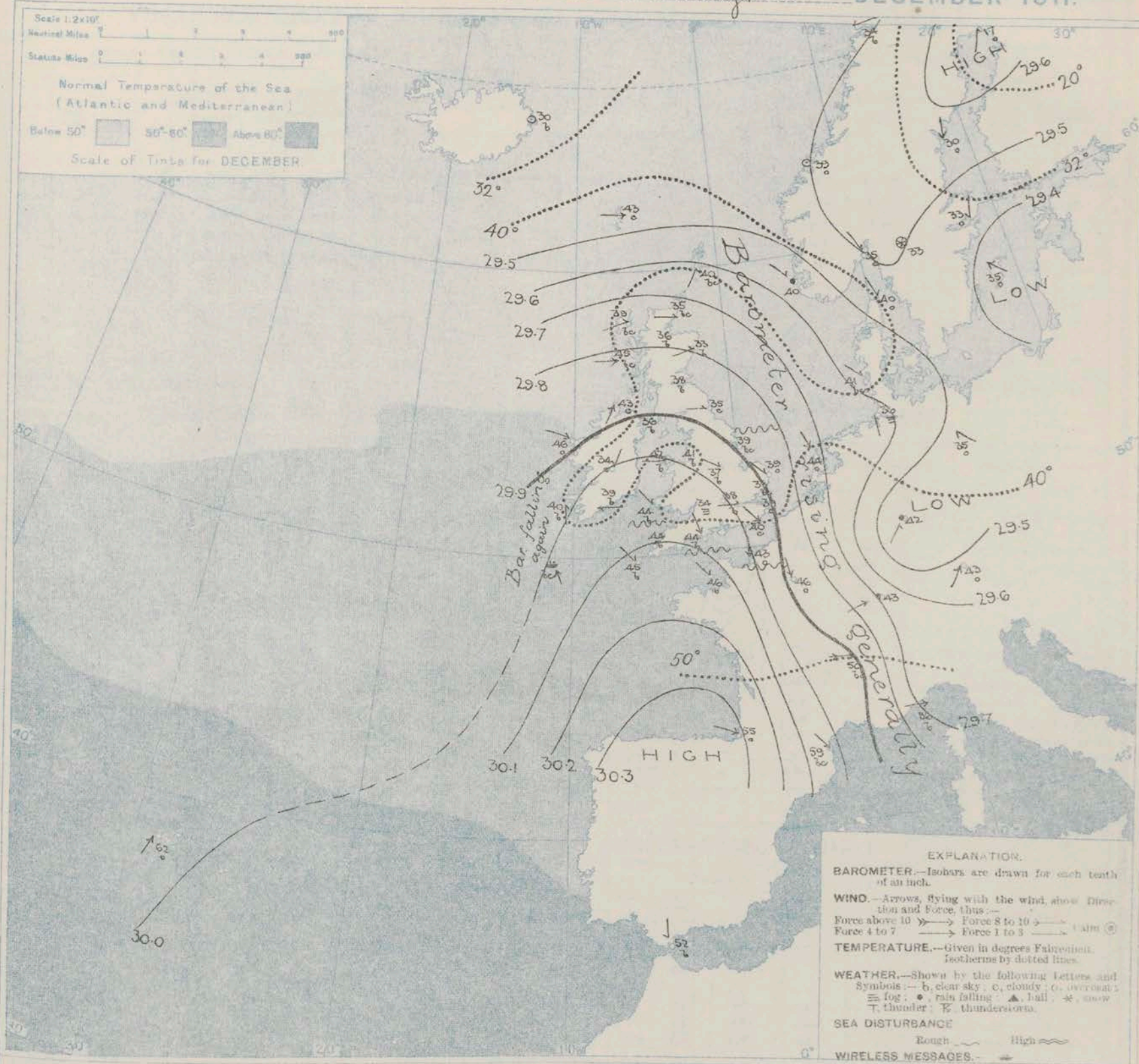
Signals hoisted yesterday	Signals hoisted this morning.
South Coast	South Coast
North Coast	North Coast

- |    |                                                                                                                                       |                                                                                                                    |
|----|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 6  | a                                                                                                                                     | Same as Nos. 0 to 2.                                                                                               |
|    | b                                                                                                                                     |                                                                                                                    |
| 7  | a                                                                                                                                     | S.W. or S. winds, light or moderate; fine; followed by stronger S. winds, rain, and a rising temperature.          |
|    | b                                                                                                                                     |                                                                                                                    |
| 8  | a                                                                                                                                     |                                                                                                                    |
|    | b                                                                                                                                     |                                                                                                                    |
| 9  | a                                                                                                                                     | Wind between S. and S.W., light to strong or high, a gale locally later; becoming rainy and squally again; milder. |
|    | b                                                                                                                                     |                                                                                                                    |
| 10 | a                                                                                                                                     |                                                                                                                    |
|    | b                                                                                                                                     |                                                                                                                    |
| 11 | WESTERN CHANNEL AND BAY.<br>S.W. to S.W. or S. winds, increasing in force; fair then, some rain; sea rough or rather so, heavy swell. |                                                                                                                    |

### THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Saturday, 23<sup>rd</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

A deep depression travelled eastward over the south of England during the night, but it has now become less intense and is shown over the south-west of Germany, the lowest barometer reading reported in its neighbourhood being 29.45 in. at Frankfurt.

Pressure is also low over the Baltic. The highest readings, above 30.3 in., are found over the southern part of the Bay of Biscay. A fresh fall of the mercury has begun in the northwest of Ireland.

The wind is N.W. over the North Sea and a considerable portion of England, fresh or strong locally, but mostly

light or moderate. In Scotland it is light or moderate from the N.W., while in Ireland it is more variable; at Valenceir it has backed to S. At Lyons a S.W. gale is reported and at Munich a strong breeze from S.W. Temperature is lower than of late over the United Kingdom, ranging from 46° at Jersey and Blackhead Point to 34° at Bath and Bir Castle, and to 33° at Aberdeen. On the Continent it ranges from 55° at Biarritz to 35° at Berlin, and to 17° in the north of Sweden. The weather is fair to fine in nearly all parts of these islands, cloudy or overcast in most Continental regions, with rain or snow at some stations in the South of Scandinavia, and rain at Frankfurt.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The fresh fall of the barometer at Valenceir Island accompanied by a S.W. wind probably indicates the approach of another cyclonic disturbance which will cause a prolongation of the unsettled S.W. type of conditions over the United Kingdom generally.

### NOTICE.

The Daily Weather Report for Sunday Dec. 24 & Monday Dec. 25th, will be issued on Thursday next Dec. 28th, and the Reports for

Tuesday Dec. 26th, on Wednesday, Dec. 27th, and 29th, will be issued in regular course. The Reports for Dec. 27th, 28th



## DAILY WEATHER REPORT.

Saturday, 23rd December, 1911.

## 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.		Air.	Dry Bulb.	Wet Bulb.	
	*	*	In.					*	*	In.				*	*	*	
Dec. 23rd. 4am	49	10	30.04	ESE	4-5	<u>Lake Michigan</u>	Dec. 23rd 7am	49	10	30.02	SSE	4-5	bc.	.	.	.	.
" 22nd 3p.m.	51	14	29.57	MNE	6-7	<u>Olympic</u>	" 22nd 6pm	51	15	29.78	MNE	6-7	b.	.	.	.	.
" " "	50	14	?29.63	WNW	8-9	<u>Lake Michigan</u>	" " "	50	13	29.80	NW	6-7	b.	.	.	.	.
" " "	51	10	29.07	SW	6-7	<u>Arabic</u>	" " "	51	11	29.54	N	8-9	c.	.	.	.	.
" " 4am	50	17	29.19	E	6-7	<u>Lake Michigan</u>	" " 7am	50	17	29.10	SW	6-7	a.	.	.	.	.
" " "	49	13	29.50	SSE	6-7	<u>Oceanic</u>	" " "	49	12	29.42	S	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.				Hrs.	In.	Brighton, to 6 p.m.	48	42	*	0.0	0.41
Dublin (City), to 4 p.m.				*	0.07	Seaford, to 6 p.m.	50	43	*	0.0	0.43
Blackpool, to 9 p.m.	45	39		0.0	0.07	Eastbourne, to 6 p.m.	47	40	*	0.0	0.40
Southport, to 9 p.m.	45			0.0	0.13	Bexhill-on-Sea, to 9 p.m.	48	42	*	0.0	0.40
Rhyl, to 6 p.m.	44	38	bc. r. p.	0.0	0.20	Hastings	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	43	38		0.0	0.20	Folkestone, to 6 p.m.	44	40		0.0	0.36
Llandudno, to 9 p.m.				0.0	0.20	Deal, to 6 p.m.	45	39	eg. r. p.	0.0	0.41
Bettws-y-Coed, to 6 p.m.				0.0	0.20	Ramsgate, to 6 p.m.	*	*	*	0.0	0.19
Aberystwyth, to 6 p.m.	45	37		0.0	0.20	Margate, to 6 p.m.	45	39	o. r. p.	0.0	0.16
Plymouth, to 9 p.m.				0.0	0.62	Felixstowe, to 6 p.m.	44	38	*	0.0	0.18
Paignton, to 6 p.m.	54	41		0.0	0.56	Lowestoft, to 6 p.m.	41	38		0.0	0.04
Torquay, to 6 p.m.	54	44	*	0.0	0.50	Skegness, to 6 p.m.	41	34		0.0	0.01
Teignmouth, to 9 p.m.	54	43		0.0	0.47	Scarborough, to 9 p.m.	40	37		0.0	0.03
Weymouth, to 6 p.m.	52	44	bc. opq.	0.0	0.38	Harrogate, to 6 p.m.	42	35	q. c. o.	0.0	
Bournemouth, to 6 p.m.	52	41		0.0	0.40	Buxton, to 6 p.m.					
Southsea, to 6 p.m.	47	44		0.0	0.49	Darwen, to 9 p.m.					
Worthing, to 6 p.m.	50	39	r. o. c.	0.0	0.49	Manchester, to 9 p.m.					
						Birmingham, to 9 p.m.					

## LONDON OBSERVATIONS.

STATIONS.	HUMIDITY.		TEMPERATURE		Weather.	Rainfall.	Sunshine Yesterday.	SUNSET FOR STATIONS IN THE UNITED KINGDOM TO-DAY AND TO-MORROW.			
	p.m. Yesterday.	a.m. To-day.	Max.	Min.				23rd. 24th. Dec. 1911.	Sunrise	Noon	Sunset
24 HOURS ENDED AT 9 A.M. TO-DAY.											
Greenwich (Royal Obs.) ...	98	91	46	36	o. or. bc	0.34	0.0	Yarmouth ... ..	{ 8.5	11.52	3.34
City (Banhill Row) ... ..	*	*	*	*	*	*	0.0	{ 8.6	11.53	3.40	
Westminster (St. James's Pl.)	94	91	45	35	r. m	0.33	0.0	{ 8.6	11.59	3.52	
Camden Sq. (Brit. Rainfall)	97	94	45	35	o. or. bc	0.37	0.0	{ 8.7	12.0	3.53	
Hampstead (Reservoir) ...	*	98	43	34	o. bc	0.40	0.0	{ 9.4	12.11	3.18	
24 HOURS ENDED AT 6 P.M. YESTERDAY.								{ 9.5	12.12	3.19	
South Kensington ...	*	*	45	40	} o. ed. or. }	0.27	*	{ 8.5a	12.4a	4.3a	
" " (Roof of M.O.)	91	90	45	40		*	0.0	{ 8.51	12.41	4.31	

## 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. drily, 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.



1911.

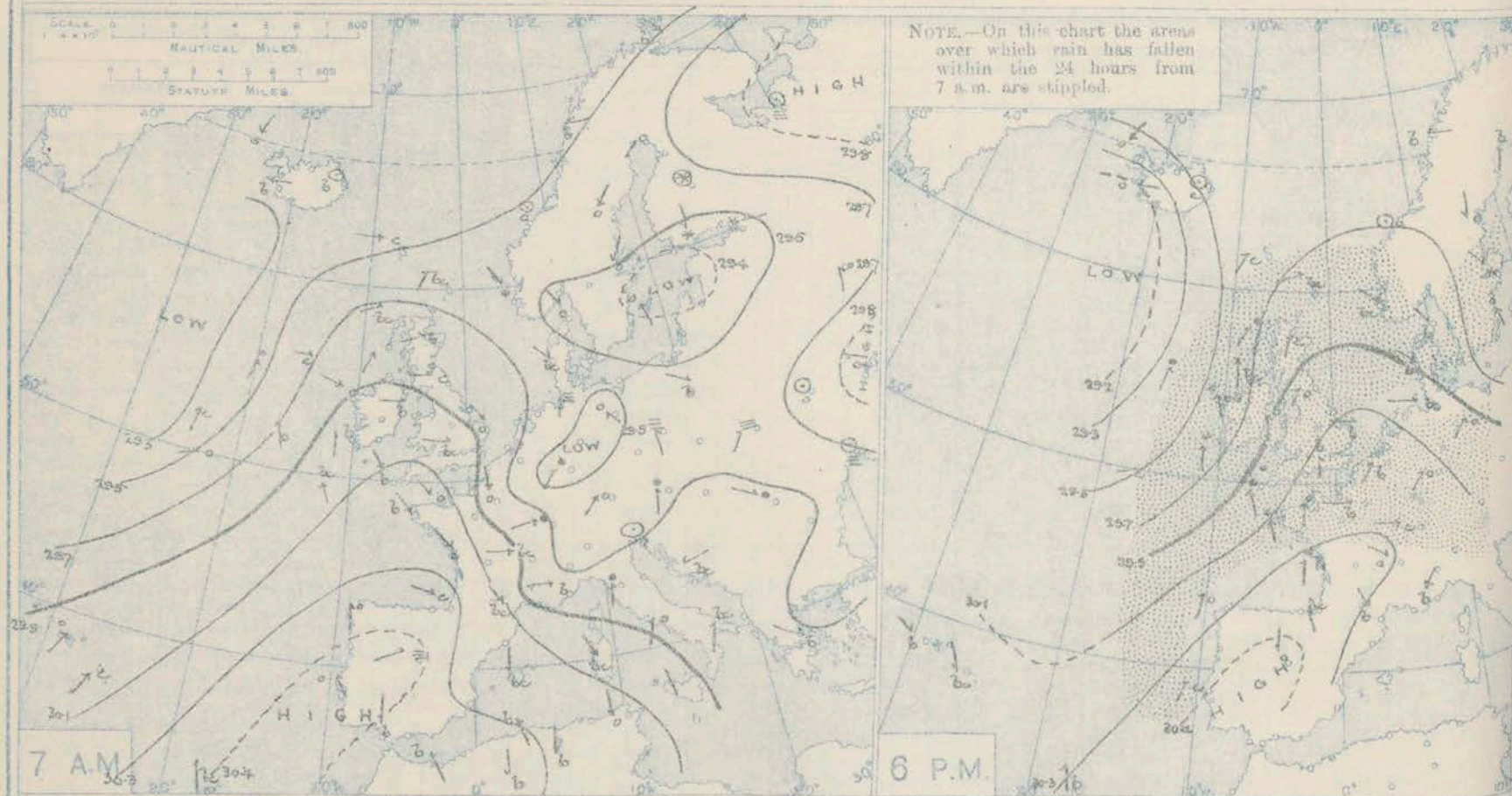
## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday.  
24th December, 1911.

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.	Night. 6 p.m. to 7 a.m.		
BRITISH ISLANDS.	Lerwick ...	29.73	42	WSW	3	bc	29.28	-14	44	+4	SSE	8	r	4	0.07	45	39	bc	bc	bc	bc	bc	bc
	Stornoway ...	29.67	45	SW	4	o	29.04	-07	46	+7	S	4	o	4	0.22	46	39	bc, adp	o/pq	o/pq	o/pq	o/pq	o/pq
	Castlebay (Barra Isd.)	29.67	46	S	5	og	29.01	-10	45	0	SSE	2	d	4	0.24	47	43	bc, o	og	og	og	og	og
	Malin Head...	29.71	40	S	6	bc, og	29.00	-16	44	+1	SW	2	rm	2	0.25	47	39	bc, og	gmg	gmg	gmg	gmg	gmg
	Blacksod Point	29.60	46	SSE	7	o	29.08	-02	44	-2	SSW	2	r	3	0.64	50	42	bc, og	og	og	og	og	og
	Valencia ...	29.57	49	S	6	rm	29.29	-00	46	+6	SW	8	bc	6	0.13	50	36	bc	bc	bc	bc	bc	bc
	Roche's Point	29.65	46	S	7	rf	29.37	*	47	+8	WSW	5	bc	6	0.21	50	36	bc	bc	bc	bc	bc	bc
	Birr Castle ...	29.67	46	SE	4	o	29.29	*	46	+12	S	6	o	6	0.16	52	34	bc	bc	bc	bc	bc	bc
	Donaghadee ...	29.83	43	S	3	c	29.14	-18	47	+11	SSW	5	r	3	0.31	49	35	bc	bc	bc	bc	bc	bc
	Liverpool Obsy...	29.99	38	SE	3	o	29.36	-13	47	+6	SSE	4	r	4	0.10	48	37	bc	bc	bc	bc	bc	bc
	Holyhead ...	29.90	44	S	7	ogmu	29.30	-05	49	+7	WSW	8	c	7	0.17	50	42	bc	bc	bc	bc	bc	bc
	Pembroke (St. Ann's Hd.)	29.91	47	SSE	6	r	29.43	-03	50	+6	SW	6	cp, gmu	6	0.21	52	40	bc	bc	bc	bc	bc	bc
	Newquay ...	29.94	46	SSE	4	od	29.57	*	50	+6	SW	6	bc	4	0.11	53	39	bc	bc	bc	bc	bc	bc
	Scilly (St. Mary's)	29.91	49	SSE	7	omd	29.57	-06	53	+8	WSW	6	cm	5	0.03	53	40	bc	bc	bc	bc	bc	bc
	Jersey (St. Aubin)	30.19	48	S	3	ogmd	29.50	*	52	+6	SSW	4	cpmd	3	0.08	51	44	bc	bc	bc	bc	bc	bc
	Portland Bill ...	30.10	48	S	4	bc	29.64	-07	52	+8	SW	6	r	5	0.06	52	47	bc	bc	bc	bc	bc	bc
	Dungeness ...	30.16	42	W	3	c	29.71	-10	49	+8	S	6	o	5	0.08	49	37	bc	bc	bc	bc	bc	bc
	Dover ...	30.19	36	W	1	b	29.72	*	48	+9	SSW	7	r	6	0.05	48	36	bc	bc	bc	bc	bc	bc
	Wick ...	29.77	42	SW	2	bc	29.10	-14	42	+7	S	6	og	4	0.10	44	34	bc	bc	bc	bc	bc	bc
	Nairn ...	29.76	40	W	1	o	29.11	*	41	+5	-	0	o	1	0.02	43	30	bc	bc	bc	bc	bc	bc
	Aberdeen ...	29.86	38	SSW	2	c	29.21	-17	44	+11	SSE	4	o	3	0.16	44	33	bc	bc	bc	bc	bc	bc
	Leith ...	29.91	42	SSW	1	o	29.12	-15	47	+9	ESE	2	r	*	0.02	47	37	bc	bc	bc	bc	bc	bc
	North Shields ...	30.01	40	SW	2	o	29.34	-18	43	+8	SSW	3	o	2	-	44	33	bc	bc	bc	bc	bc	bc
	Spurn Head ...	30.04	39	SSW	4	bc	29.48	-06	45	+6	SSE	7	dq	6	0.01	45	36	bc	bc	bc	bc	bc	bc
Yarmouth ...	30.15	38	W	2	b	29.68	-16	45	+6	S	2	o	2	0.10	45	36	bc	bc	bc	bc	bc	bc	
Clacton-on-Sea ...	30.17	38	W	2	c	29.69	-12	45	+7	S	4	o	3	0.08	45	36	bc	bc	bc	bc	bc	bc	
Nottingham ...	30.07	37	SSW	1	b	29.52	*	49	+12	SW	4	o	*	0.07	50	34	bc	bc	bc	bc	bc	bc	
Bath ...	30.14	45	S	1	o	29.57	*	53	+19	SW	2	o	*	0.05	54	34	bc	bc	bc	bc	bc	bc	
Oxford ...	30.08	40	SSE	2	bc	29.56	*	51	+14	S	4	o	*	0.25	51	36	bc	bc	bc	bc	bc	bc	
London (Kew Obsy.)	30.16	39	S	1	b	29.65	-09	50	+12	SSW	4	o	*	0.09	50	37	bc	bc	bc	bc	bc	bc	
ICELAND & FAEROE.	Isafjord ...	29.44	34	NE	5	o	29.36	*	30	-4	N	7	c	*	-	19	10	bc	bc	bc	bc	bc	bc
	Reykjavik ...	29.16	35	E	3	o	29.00	-02	34	+2	E	5	c	*	-	30	27	bc	bc	bc	bc	bc	bc
	Seydistsjord ...	29.54	29	-	0	c	29.25	-08	30	0	ENE	4	S	*	-	30	27	bc	bc	bc	bc	bc	bc
	Thorshavn ...	29.55	42	WSW	3	c	29.00	-19	42	-1	SSE	5	r	*	-	30	27	bc	bc	bc	bc	bc	bc
	Haparanda ...	29.76	10	S	2	b	29.71	-02	12	-5	S	2	c	*	-	19	10	bc	bc	bc	bc	bc	bc
SCANDINAVIA.	Hernösand ...	29.68	27	N	2	o	29.70	00	28	-2	-	0	o	*	-	30	27	bc	bc	bc	bc	bc	bc
	Stockholm ...	29.62	33	NNW	2	S	29.77	+04	27	-6	NNW	2	o	*	0.04	34	25	bc	bc	bc	bc	bc	bc
	Wisby ...	29.61	37	SE	4	o	29.75	+01	34	-1	NW	6	S	*	0.12	37	34	bc	bc	bc	bc	bc	bc
	Karlstad ...	29.72	32	-	0	o	29.82	+02	30	-3	ENE	2	o	*	0.08	34	28	bc	bc	bc	bc	bc	bc
	Færder (Xania Fjord)	29.71	34	-	0	b	29.79	00	34	-1	SSE	1	o	1	-	36	32	bc	bc	bc	bc	bc	bc
	Bodö ...	29.63	35	E	2	b	29.64	-01	34	0	E	2	o	2	-	35	32	bc	bc	bc	bc	bc	bc
	Christiansund ...	29.69	41	-	0	o	29.66	-04	38	-1	SSE	2	b	2	-	41	34	bc	bc	bc	bc	bc	bc
	Skudesnaes ...	29.82	40	NW	2	bc	29.67	-08	41	+1	SSE	6	o	4	0.16	43	36	bc	bc	bc	bc	bc	bc
	The Scaw (Skagen)...	29.74	37	NW	1	b	29.82	-00	39	-1	SW	1	c	0	-	41	36	bc	bc	bc	bc	bc	bc
	Blaavands Huk ...	29.97	42	NW	4	b	29.88	-08	41	0	WSW	2	bc	1	0.04	43	39	bc	bc	bc	bc	bc	bc
GERMANY, &c.	Cuxhaven ...	29.99	42	W	3	bc	29.95	-05	36	0	S	2	rm	*	-	45	36	bc	bc	bc	bc	bc	bc
	The Helder ...	30.13	44	W	1	c	29.84	-18	37	-7	SSE	5	o	2	-	45	36	bc	bc	bc	bc	bc	bc
	Brussels ...	30.24	37	SW	1	b	29.94	-13	41	?	S	6	r	*	trace	46	35	bc	bc	bc	bc	bc	bc
	Berlin ...	29.92	40	SW	4	o	30.06	+01	38	+3	W	4	o	*	trace	43	35	bc	bc	bc	bc	bc	bc
	Frankfurt ...	30.21	42	SW	2	o	30.17	-04	33	-9	SW	4	b	*	trace	45	33	bc	bc	bc	bc	bc	bc
FRANCE.	Munich ...	30.24	35	W	5	c	30.31	+01	31	-12	SW	4	b	*	0.28	43	30	bc	bc	bc	bc	bc	bc
	C. Gris Nez ...	30.21	44	W	3	rm	29.75	-09	43	0	S	6	o	5	0.02	48	41	bc	bc	bc	bc	bc	bc
	La Hève ...	30.21	39	SW	2	o	29.86	*	46	+3	SSW	6	r	5	0.04	46	39	bc	bc	bc	bc	bc	bc
	Brest (St. Mathieu) ...	30.06	49	SSE	6	r	29.81	-04	52	+3	SSW	5	f	5	0.16	52	48	bc	bc	bc	bc	bc	bc
	Lorient (Bec Melen)...	30.14	50	SSE	4	r	29.85	*	54	+6	SW	6	r	6	0.20	54	46	bc	bc	bc	bc	bc	bc
SPAIN, &c.	Rochefort (Ile d'Aix) ...	30.31	48	S	1	o	30.09	*	49	-2	SSW	4	o	*	-	59	48	bc	bc	bc	bc	bc	bc
	Biarritz ...	30.35	54	SE	2	bc	30.17	*	55	0	SSE	2	c	4	-	55	50	bc	bc	bc	bc	bc	bc
	Paris ...	30.29	38	SW	2	b																	



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



## NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° and upwards over the central and southern parts of England and Ireland; in the north of England it scarcely exceeded 40°. The amount of bright sunshine was as a rule fairly large, more than 10 hours in several parts of

the English coast. Rain fell very generally & heavily in the south of Ireland. Wireless reports show that as far west as the 22nd meridian ships experienced strong to high Southerly and South-Westerly winds, 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.

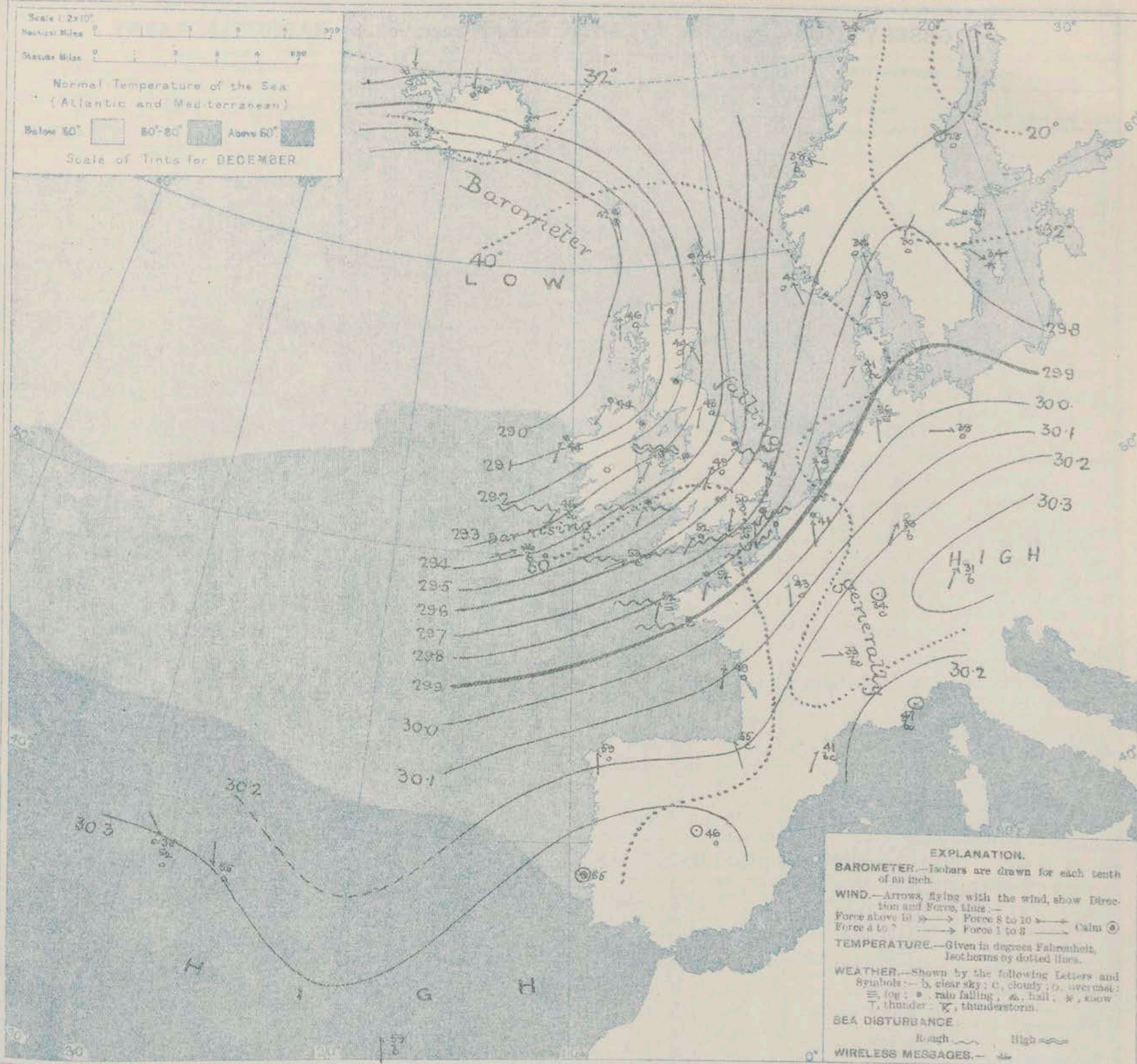
THE FURTHER OUTLOOK.

*None hoisted.*

*None hoisted.*



# SYNOPTIC CHART FOR 7 A.M. SUNDAY, 24<sup>TH</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The highest pressure, above 30.3 in., lies over Bavaria. Another deep depression has spread in from the Atlantic, and the barometer is now below 29.0 in. beyond our north-western coasts. The gradient is, rather steep over an extensive area.

Easterly to North-easterly breezes prevail along the Arctic Circle, elsewhere South-easterly to South-westerly, fresh to strong or high in many places, a gale locally on our western and northern coasts. Temperature has risen decidedly over the British Isles, the present readings

ranging from 41° at Naim to 53° at Bath and Scilly. Over the western portion of the Continent the values are from 31° at Munich to 59° at Copenhagen. In Scandinavia from 12° at Haparanda to 41° at Skudesnæs, and in Iceland from 28° to 34°.

Very cloudy to overcast dull weather rules at home and abroad, with rain in various districts, snow at Wisby and in eastern Iceland. A high sea is running off Holyhead, and it is rough or rather rough on many other sections of our own and the French coasts.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.



## DAILY WEATHER REPORT.

Sunday, 24th December, 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- turb- ance.	
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air.	Dry Bulb.	Wet Bulb.		Sea.
	"	"	In.				"	"	In.				"	"	"			
Dec. 23rd. 3p.m.	49	17	29.48	WSW	4-5	Minnehaha	Dec. 23rd. 6p.m.	49	16	29.46	WSW	1-3	c	"	"	"		
" " "	55	14	28.94	SSW	6-7	Cameronia	" " "	55	13	28.96	SSW	6-7	r	"	"	"		
" " 10a.m.	55	12	29.55	SW	6-7	Sicilian	" " 1p.m.	55	11	29.54	SW	6-7	o	"	"	"		
" " 4a.m.	54	20	29.02	S	8-9	Cameronia	" " 7a.m.	54	18	29.04	SSW	6-7	r	"	"	"		
" " "	49	21	29.52	WSW	6-7	Minnehaha	" " "	49	20	29.55	WSW	4-5	o	"	"	"		
" " "	55	14	29.33	W	4-5	Sicilian	" " "	55	13	29.38	W	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.				Hrs.	In.
Dublin (City), to 4 p.m.						Seaford, to 6 p.m.	51	37	r. b. o. b	3.5	0.11
Blackpool, to 9 p.m.	45	36	c. o.	1.4	-	Eastbourne, to 6 p.m.			*		
Southport, to 9 p.m.						Bexhill-on-Sea, to 9 p.m.	44	38	b. c.	3.2	0.18
Rhyl, to 6 p.m.	45	37	o. r. c.	0.2	0.15	Hastings			*	3.7	
Colwyn Bay, to 6 p.m.	44	37	b	0.0	-	Folkestone, to 6 p.m.	43	38		3.0	0.15
Llandudno, to 9 p.m.	49	39	o. r. b. o.	0.2	0.01	Deal, to 6 p.m.	49	36	bm. b. m.	3.7	0.34
Bettws-y-Coed, to 6 p.m.						Ramsgate, to 6 p.m.			*	3.5	0.28
Aberystwyth, to 6 p.m.	45	38		0.0	0.06	Margate, to 6 p.m.	43	40		1.4	0.27
Plymouth, to 9 p.m.	52	35	og. c. og.	1.4	0.18	Felixstowe, to 6 p.m.	42	35	*	5.1	0.17
Paignton, to 6 p.m.	50	36	o. r. b. o.	2.2	0.02	Lowestoft, to 6 p.m.					
Torquay, to 6 p.m.						Skegness, to 6 p.m.	42	34	a. r.	3.3	0.16
Teignmouth, to 9 p.m.	50	39	b. b. c. r.	2.0	0.02	Scarborough, to 9 p.m.	48	41	og. b.	4.9	0.34
Weymouth, to 6 p.m.	49	39		3.3	0.01	Harrogate, to 6 p.m.	41	33	o. c. b. o. b.	3.3	
Bournemouth, to 6 p.m.	47	37		3.2	0.50	Buxton, to 6 p.m.	38	32	s. b. c.	0.0	0.02
Southsea, to 6 p.m.						Darwen, to 9 p.m.	41	34	o. r. b. o. g.	1.4	
Worthing, to 6 p.m.						Manchester, to 9 p.m.	41	32	of. o.	0.0	
Carnoustie, to 6 p.m.	41	32	b. r.	2.5	-	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.				24th & 25th Dec. 1911.			
	%	%						G.M.T.			
Greenwich (Royal Obs.)	84	94	52	35	b. bm. ov. ov	0.11	0.0	Yarmouth	8.6	11.53	3.40
City (Boothill Row)	*	*	*	*	*	*	0.0	Greenwich	8.6	11.53	3.41
Westminster (St. James's Pk.)							0.0		8.7	12.0	3.38
Camden Sq. (Brit. Rainfall)	88	92	52	36	c. or. o	0.11	0.0	Wick	9.5	12.12	3.14
Hampstead (Reservoir)	*	93	50	39	bm. or. of	0.15	2.8	Valencia	9.5	12.12	3.14
24 HOURS ENDED AT 6 P.M. YESTERDAY.									8.51	12.11	4.31
South Kensington	*	*	46	38	cm. bm. bm	0.09	*		8.51	12.11	4.32
" (Roof of M.O.)	79	91	47	38	*	*	0.0				

## 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	-	72	50	b. b.	Rome	-	59	38	b. o.
Marseilles	-	52	45	c. bc.	Vienna	0.20	48	36	b. r.
Malta	obs.	not received.			Utrecht	0.28	45	39	r. o.
Algiers	-	70	55	c. b.	Zürich	-	*	*	o. r.
Tunis	-	64	52	c. bc.	Geneva	0.16	*	*	b. bc.
Palermo	-	63	54	b. o.	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.



1911.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday,

25th December, 1911.

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.			Sun-shine.	Weather.						
		At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.				Change since 4 a.m.	Dry Bulb.	Change since Yesterday.	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 ...	28.76	46	SSE	5	c	28.95	+1.0	43	-1	W	7	c	5	0.07	47	39	+	om	om	bep					
	Stornoway ...	29.01	40	NW	3	b	29.09	-0.0	39	-7	WSW	4	bc	4	0.07	46	36	0.0	o	o.b.c.b	bepq					
	Castlebay (Barra Isd.)	29.09	43	W	5	o	29.10	-0.0	45	0	SSE	5	bc	6	0.12	46	38	0.2	d.o.c	cp.o	b.b.b.c					
	Malin Head...	29.13	43	S	8	egu	29.13	-0.0	35	-9	S	2	bc	4	0.28	45	35	+	om	om	bc					
	Blacksod Point	29.32	42	SW	5	o	29.14	-0.0	45	+1	WSW	5	o	4	0.38	46	40	+	om	om	bep					
	Valencia ...	29.35	43	ESE	1	a	29.40	+0.7	47	+1	WSW	5	c	5	0.45	48	35	3.0	bc	bc	bc					
	Roche's Point	29.46	44	SW	2	o	29.39	+	43	-4	NW	4	r	4	0.25	48	39	+	bep.b	c.o	or.b.r					
	Birr Castle ...	29.50	37	SSW	3	o	29.28	+	35	-11	SW	2	o	4	0.09	46	34	1.6	epq	c	op					
	Donaghadee ...	29.28	41	SSW	2	o	29.26	-0.0	35	-12	WSW	1	bc	1	0.11	47	33	+	arg	arg	bc					
	Liverpool Obsy.	29.38	43	WSW	6	bc	29.27	-0.0	38	-9	ESE	3	o	2	0.04	49	37	3.9	or	bep	o					
	Holyhead ...	29.40	44	WNW	7	b	29.24	-0.0	39	-10	NE	2	c	1	0.03	49	37	+	emq	emq	cp.					
	Pembroke (St. Ann's Hd.)	29.51	47	W	4	bc	29.32	+0.0	44	-6	W	6	eqh	6	0.42	51	39	3.3	cpq	cpq	all.b					
	Newquay ...	29.59	47	SW	4	c	29.43	+	46	-4	W	7	eq	5	0.29	51	40	2.5	bc	bc	emq					
	Scilly (St. Mary's)	29.58	48	SW	4	cpm	29.45	-0.0	46	-7	W	8	cpm	5	0.34	53	42	2.9	emq	emq	omq					
	Jersey (St. Aubin)	29.74	50	WSW	5	cpm	29.55	+	45	-7	W	5	cpq	4	0.35	55	40	0.4	cpq	cpm	cpm					
	Portland Bill	29.62	50	W	6	c	29.38	-0.0	45	-7	W	7	c	5	0.18	52	37	1.6	cpq	c	cp.c					
Dungeness ...	29.57	49	SW	6	bc	29.35	-0.0	46	-3	WSW	5	c	5	0.25	51	45	0.7	cpq	c.b.c	cpq						
Dover ...	29.60	46	W	5	b	29.39	+	42	-6	SW	3	c	4	0.27	50	40	0.5	or	c.b.c.b	b.b.c.c						
Wick ...	28.83	40	NNW	3	r	29.10	+0.0	36	-6	WNW	2	b	2	0.46	44	35	+	om	om	or.bep						
Nairn ...	28.96	41	W	3	o	29.12	+	35	-6	W	1	b	1	0.32	43	34	0.0	r.cq	r.cq	bc						
Aberdeen ...	28.90	41	WNW	6	c	29.19	+0.0	37	-7	SSW	2	c	2	0.13	47	37	0.9	cpq	cpq	cpq						
Leith ...	29.05	44	WSW	5	c	29.27	+0.0	39	-8	SSW	1	b	1	0.09	51	36	+	cp.c	cpq	cp.c						
North Shields	29.15	44	SW	4	c	29.29	+0.0	35	-8	SW	3	c	2	0.06	50	33	3.1	c	r	c						
Spurn Head	29.32	45	SW	6	c	29.31	-0.0	38	-7	SW	3	c	4	0.06	49	36	+	cpq	cpq	bep						
Yarmouth	29.45	46	WSW	2	b	29.35	-0.0	37	-8	NE	2	o	2	0.27	51	37	0.3	om	bc.b	b.bep						
Clacton-on-Sea	29.52	45	SW	4	bc	29.33	-0.0	41	-4	WSW	2	bc	2	0.29	49	41	0.7	om	or.c.b.c	bc.c						
Nottingham	29.41	45	W	6	c	29.34	+	34	-15	E	3	r	4	0.20	52	34	2.6	cp.c	cpq	bc						
Bath	29.55	45	SW	2	o	29.34	+	41	-12	SW	1	o	4	0.19	52	40	?	+	+	+						
Oxford	29.57	43	WSW	3	b	29.36	+	40	-11	SSW	3	o	4	0.17	52	39	+	cp.c	cpq	bc.c						
London (Kew Obsy.)	29.56	46	SW	4	b	29.36	-0.0	40	-10	SW	3	b	4	0.20	52	40	1.4	or	c.b.c.b	b.b.c						
Isafjord...	29.36	29	N	9	o	29.57	+	26	-4	N	8	o	4	+	+	+	+	+	+	+						
Reykjavik	29.02	33	N	7	o	29.22	-0.0	34	0	N	9	o	4	+	+	+	+	+	+	+						
Seydisfjord	29.04	35	E	4	r	29.09	+0.0	36	+6	E	4	r	4	+	+	+	+	+	+	+						
Thorshavn	28.86	42	W	1	o	28.44	+0.0	41	-1	NNW	3	c	4	+	+	+	+	+	+	+						
Haparanda	29.66	11	S	2	f	29.66	+0.0	10	-2	N	2	o	4	+	+	+	+	+	+	+						
Hernösand	29.67	29	-	0	o	29.59	-0.0	30	+2	-	0	o	4	+	+	+	+	+	+	+						
Stockholm	29.74	29	WSW	2	o	29.55	-0.0	35	+8	SE	2	o	4	+	+	+	+	+	+	+						
Wisby	29.75	34	NW	4	o	29.53	-0.0	36	+2	SSE	4	o	4	0.08	36	32	+	+	+	+						
Karlstad	29.68	31	-	0	o	29.37	-0.0	33	+3	ESE	4	o	4	0.12	34	28	+	+	+	+						
Færder (Xtanta Fjord)	29.55	37	SSE	5	o	29.21	-0.0	38	+4	SE	8	o	4	0.20	37	30	+	+	+	+						
Bodö	29.58	33	E	2	b	29.39	-0.0	33	-1	E	4	o	4	+	+	+	+	+	+	+						
Christiansund	29.20	40	NNE	4	bc	29.02	?	41	+3	SSW	4	c	4	+	+	+	+	+	+	+						
Skudesnaes	29.12	42	SSE	9	r	29.04	-0.0	42	+1	SW	9	r	7	0.28	42	30	+	+	+	+						
The Scaw (Skagen)	29.48	40	S	6	o	29.23	+0.0	42	+3	SW	3	r	4	0.32	43	37	+	+	+	+						
Blaavands Huk	29.37	42	S	7	r	29.33	+0.0	43	+2	W	3	o	3	0.24	43	37	+	+	+	+						
Cuxhaven	29.50	41	S	5	r	29.45	-0.0	40	+4	SW	2	b	4	0.08	45	37	+	+	+	+						
The Helder	29.50	46	SSW	4	b	29.36	-0.0	41	+4	SSE	1	r	2	0.20	46	37	+	+	+	+						
Brussels	29.68	46	SW	4	o	29.43	-0.0	45	+4	SSW	3	r	4	0.08	50	41	+	+	+	+						
Berlin	29.76	37	S	3	b	29.56	-0.0	39	+1	SW	1	o	4	0.16	43	37	+	+	+	+						
Frankfurt	29.79	40	SW	3	o	29.58	-0.0	44	+11	SW	1	o	4	0.16	43	34	+	+	+	+						
Munich	30.02	39	W	4	c	29.74	-0.0	37	+6	S	3	o	4	0.04	39	32	+	+	+	+						
C. Gris Nez	29.65	50	WNW	6	b	29.39	-0.0	47	+4	W	7	r	6	0.39	52	45	+	+	+	+						
La Hève	29.78	45	W	5	o	29.50	+	41	-5	WSW	6	o	5	0.32	48	39	+	+	+	+						
Brest (St. Mathieu)	29.79	50	WSW	5	o	29.63	+0.0	47	-5	WNW	7	r	5	0.12	54	45	+	+	+	+						
Lorient (Bec Melen)	29.81	49	?SW	6	r	29.67	+	47	-7	WNW	8	o	6	0.35	54	45	+	+	+	+						
Rocheport (Ile d' Aix)	29.99	52	WSW	4	o	29.86	+	50	+1	WNW	6	bc	4	0.08	55	48	+	+	+	+						
Biarritz	30.10	63	SSE	3	c	30.11	+	54	-1	W	7	o	5	0.28	66	48	+	+	+	+						
Paris	29.80	52	SW	4	o	29.56	-0.0	47	+4	WSW	3	o	4	0.24	52	42	+	+	+	+						
Belfort	30.04	39	-	0	r	29.74	+	41	+7	WSW	7	r	4	0.51	41	34	+	+	+	+						
Lyons	30.15	41	S	1	r	29.92	+	41	+8	E	1	o	4	0.39	44	33	+	+	+	+						
Nice	30.15	47	E	1	bc	29.91	-0.0	45	-2	-	0	o	3	+	59	41	+	+	+	+						
Perpignan	30.14	45	-	0	b	30.01	+0.0	52	+11	NW	4	c	4	+	+	+	+	+	+	+						
Sanguinaire																										
Corunna	30.13	58	SW	2	o	30.28	-0.0	50	-9	SSW	2	o	6	0.16	61	46	+	+	+	+						
Lisbon (S a.m. local)	30.32	56	SSW	3	b	30.37	+0.0	54	-1	-	0	o	5	+	56	54	+	+	+	+						
Gibraltar	30.24	57	NW	5	b	30.27	+	54	-	NW	6	bc	4	+	+	+	+	+	+	+						
Azores (P. Delgada)	30.29	56	NE	2	bc	30.46	-0.0	61	-6	SSW	5	o	4	+	57	54	+	+	+	+						
Azores (Horta)	30.24	58	S																							

\* Information for these columns not usually received.

† Received too late for insertion in Charts.

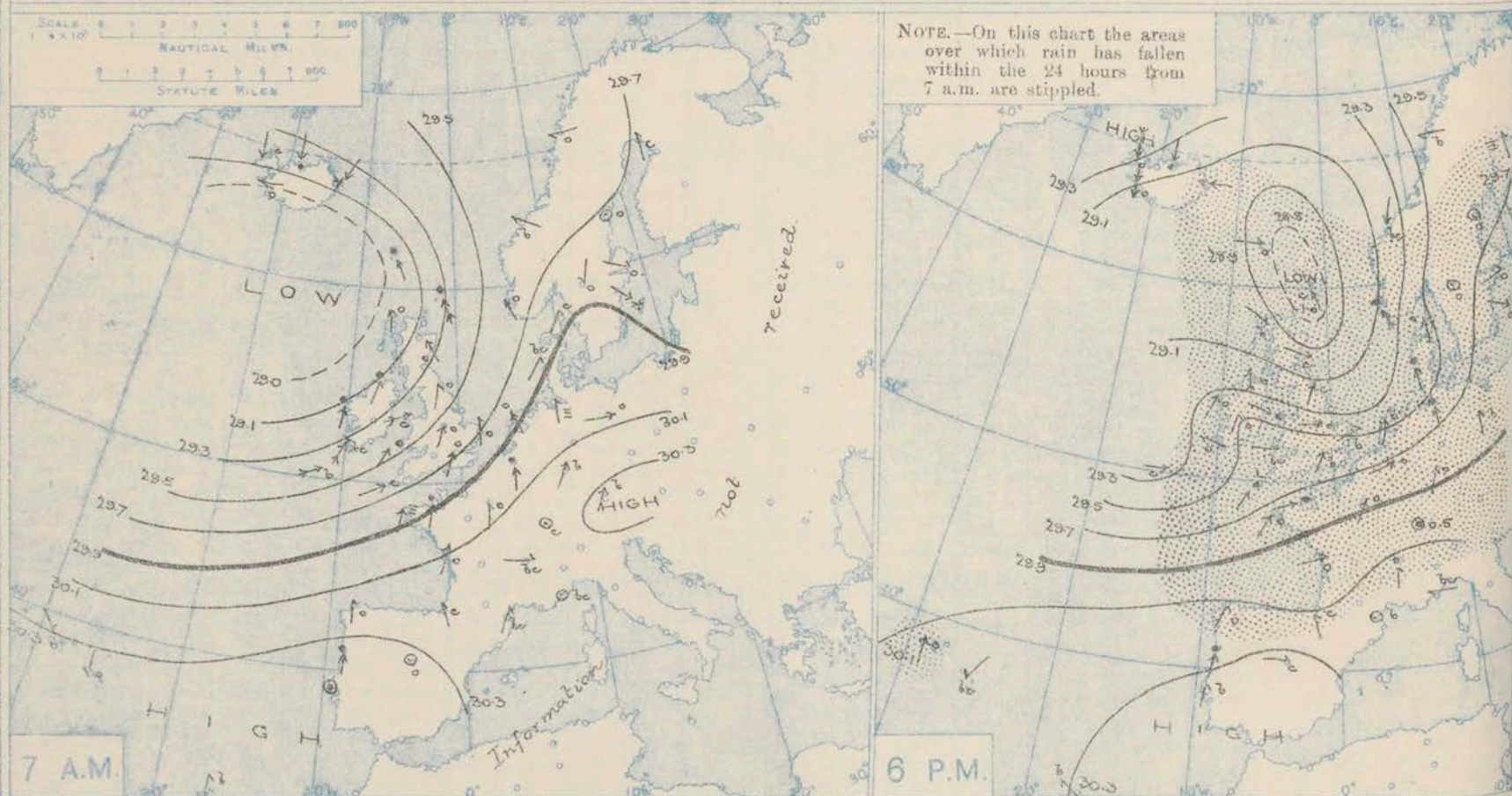
DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS

1 a.m. - 2 a.m. 2 p.m. - 4 p.m. 4 p.m. - 7 p.m. 7 p.m. - 10 p.m. 10 p.m. - 1 a.m.

Extreme S.S.E. S. S.W. W. W.N.W. N.W. N. N.E. E. E.S.E. S.E. S. S.W. W



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



## NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° and upwards in many parts of the United Kingdom, and to 55° at Southsea. The amount of bright sunshine was generally rather small, but on some parts of our western coasts between 3 and 4 hours were recorded.

Rain fell very generally, - heavily in Shetland, and thunder and lightning occurred at Pembroke at night. Wireless reports showed that between the Irish coasts and the 12th meridian ships experienced gales from the south-west, with fine weather.

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

6 {  
a  
b

7 {  
a  
b

8 {  
a  
b

9 {  
a  
b

10 {  
a  
b

11 WESTERN CHANNEL AND BAY.

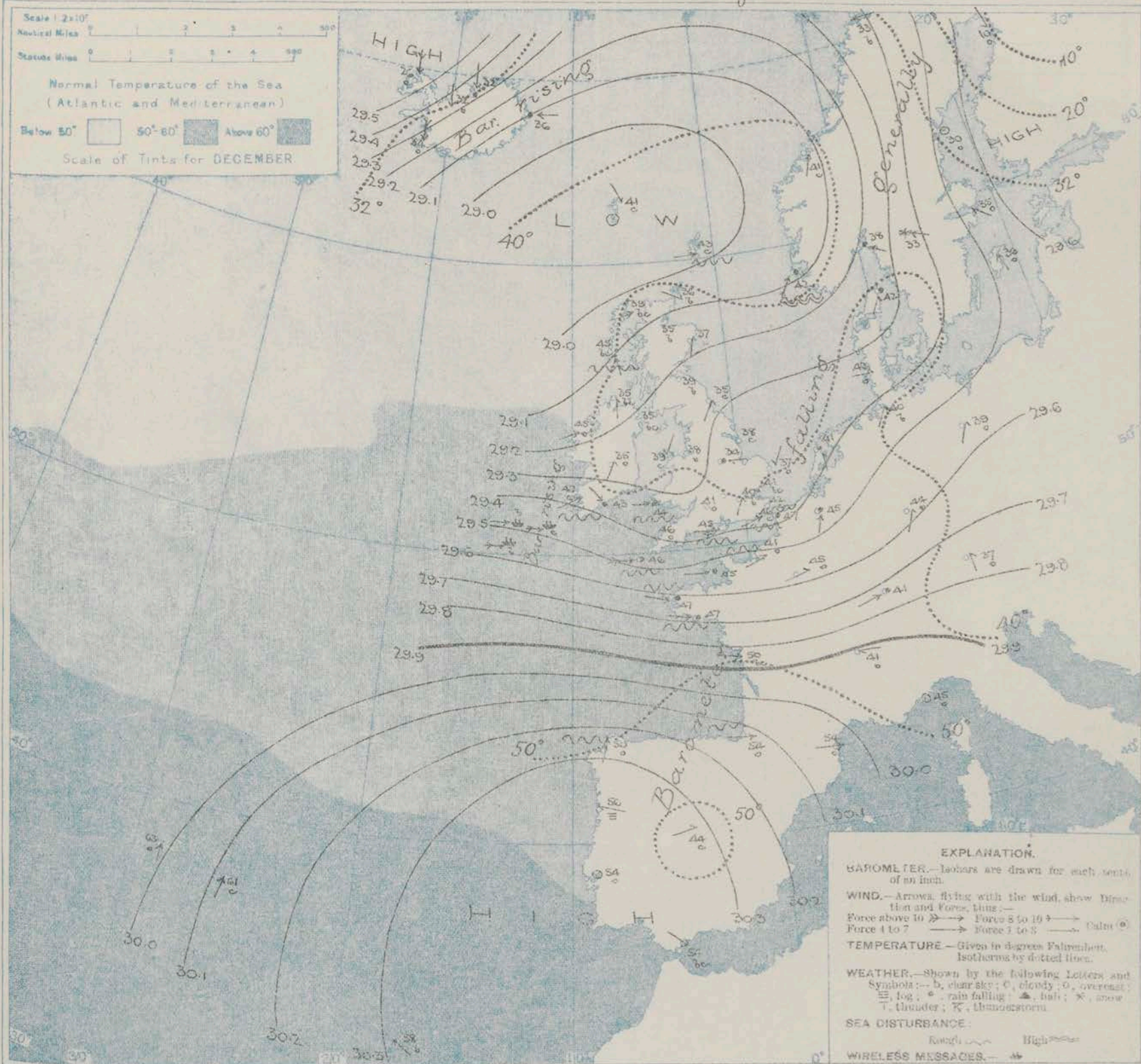
THE FURTHER OUTLOOK.

No one issued.

No one issued.



# SYNOPTIC CHART FOR 7 A.M. Monday, 25<sup>th</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

An anticyclone, with readings above 30.3 in., lies over the Spanish Peninsula and the adjacent portions of the Atlantic, and a depression of moderate intensity, with readings below 29.0 in., between Shetland and the Faeroe. A small secondary disturbance is passing eastwards across Wales.

Westerly and South-Westerly winds prevail over western Europe generally, and blow with the force of a gale at the mouth of the Channel as well as in the south of Norway. On the Welsh coast there is a distinct cyclonic circulation of air round the depression in that neighbourhood. Temperature has

fallen decidedly. On our southern and extreme western coasts the thermometer is slightly above 45°, but over the northern, eastern and central parts of the United Kingdom it is below 40°, and at Nottingham it is as low as 34°. Frost prevails in northern Sweden; at Haparanda the thermometer stands at 10°F. The weather is fine over North Britain and also in the southeast of England, but cloudy or dull in nearly all other parts of our area of observation. Showers are falling on our south-west coasts (hail at Pembroke) and steady rain at many of the continental stations.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.



## DAILY WEATHER REPORT.

Monday, 25th December, 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- tance.
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air.		Sea.	
														Dry Bulb.	Wet Bulb.		
	"	"	In.				"	"	In.					"	"	"	
24th Dec. 3pm	50	12	29.36	SSW	4-5	<u>Mount Temple</u>	24th Dec. 6pm	50	13	29.28	W	6-7	c	-	-	-	-
do. 4am	50	11	29.31	SW	8-9	<u>do.</u>	do. 7am	50	12	29.36	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.			
Oban, to 6 p.m.				Hrs.	In.	Brighton, to 6 p.m.	50	39	*	Hrs.	In.
Dublin (City), to 4 p.m.	46	41	c. r. b. c.	*	0.10	Seaford, to 6 p.m.	51	42	r. o. r. b. c.	1.1	0.24
Blackpool, to 9 p.m.	49	36	r. c. p. o.	1.4	0.27	Eastbourne, to 6 p.m.	52	37	*	0.6	0.35
Southport, to 9 p.m.	49	34	o. r. c. o. r. o.	2.5	0.27	Bexhill-on-Sea, to 9 p.m.	51	41	c. r. b. c. p.	0.5	0.24
Rhyl, to 6 p.m.	53	39	c. r. b. c. o.	2.1	0.10	Hastings	*	*	*	0.5	*
Colwyn Bay, to 6 p.m.	51	42	o. c.	2.0	0.32	Folkestone, to 5 p.m.	50	41	r. b. c.	0.7	0.17
Llandudno, to 9 p.m.	53	41	o. r. b. c. o. r. o.	0.0	0.09	Deal, to 6 p.m.	52	40	o. r. b. c.	0.6	0.26
Bettws-y-Coed, to 6 p.m.						Ramsgate, to 6 p.m.	*	*	*	0.0	0.03
Aberystwyth, to 6 p.m.	50	38	*	1.2	0.27	Margate, to 6 p.m.	53	37	r. b.	0.4	0.06
Plymouth, to 9 p.m.	52	44	b. c. o. r. y.	2.3	0.31	Felixstowe, to 6 p.m.			*		
Paignton, to 6 p.m.	52	40	o. o. r. b. c. p.	2.6	0.57	Lowestoft, to 6 p.m.					
Torquay, to 6 p.m.	52	42	*	3.5	0.51	Skegness, to 6 p.m.	52	43	r. c. p. b.	2.1	0.07
Teignmouth, to 9 p.m.	53	46	q. p. b. p. r.	2.7	0.29	Scarborough, to 9 p.m.	50	35	o. r. o.	3.3	0.06
Weymouth, to 6 p.m.	52	46	r. o. c. b. c. b.	1.6	0.23	Harrogate, to 6 p.m.	49	32	o. p. q. c. b.	2.5	0.20
Bournemouth, to 6 p.m.	52	38	*	1.9	0.30	Buxton, to 6 p.m.	47	35	b. c. r. b. c. v.	1.3	0.10
Southsea, to 6 p.m.	55	50	*	1.5	0.31	Darwen, to 9 p.m.	49	35	o. r. c. b. p. c.	2.0	0.62
Worthing, to 6 p.m.	51	38	r. c. b. c.	1.5	0.30	Manchester, to 9 p.m.	50	39	o. r. c. b. c. o. p.	2.7	0.37
Carmarthen, to 6 p.m.	48	37	o. b. o.	1.1	0.21	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.				25th & 26th Dec. 1911.	Sunrise	Noon	Sunset
	%	%									
Greenwich (Royal Obs.)	72	83	53	40	o. r. b. c. o. r.	0.25	1.7	Yarmouth	8.6	11.53	3.41
City (Bunhill Row)	*	*	*	*	*	*	1.3		8.6	11.54	3.42
Westminster (St. James's Pk.)									8.7	12.0	3.53
Camden Sq. (Brit. Rainfall)									8.7	12.1	3.54
Hampstead (Reservoir)	*	92	51	38	o. r. b. c. o. r. o.	0.27	1.5	Wick	9.5	12.12	3.19
South Kensington	*	*	53	40	{ b. c. o. r. o. d. b. c. b }	0.21	1.0	Valencia	8.51	12.41	4.32
" (Roof of M.O.)	*	*	53	40					8.51	12.42	4.33

## 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	-	72	50	b. b.	Rome	-	59	38	b. o.
Marseilles	-	52	45	c. b.	Vienna	0.20	48	36	b. b.
Malta	-				Utrecht	0.28	45	39	r. o.
Algiers	-	70	55	c. b.	Zürich	-	*	*	r. o.
Tunis	-	64	52	c. c.	Geneva	0.16	*	*	o. r.
Palermo	-	63	54	b. 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; n. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. drizzle; v. threatening sky; w. visibility; x. unusual transparencies; y. dew; z. hoar frost; a. dust-haze, or smoke.

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BRITISH ISLANDS.

ICELAND &amp; FAEROE.

SCANDINAVIA.

GERMANY, &amp;c.

FRANCE.

SPAIN.



1911.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,  
26th December, 1911.

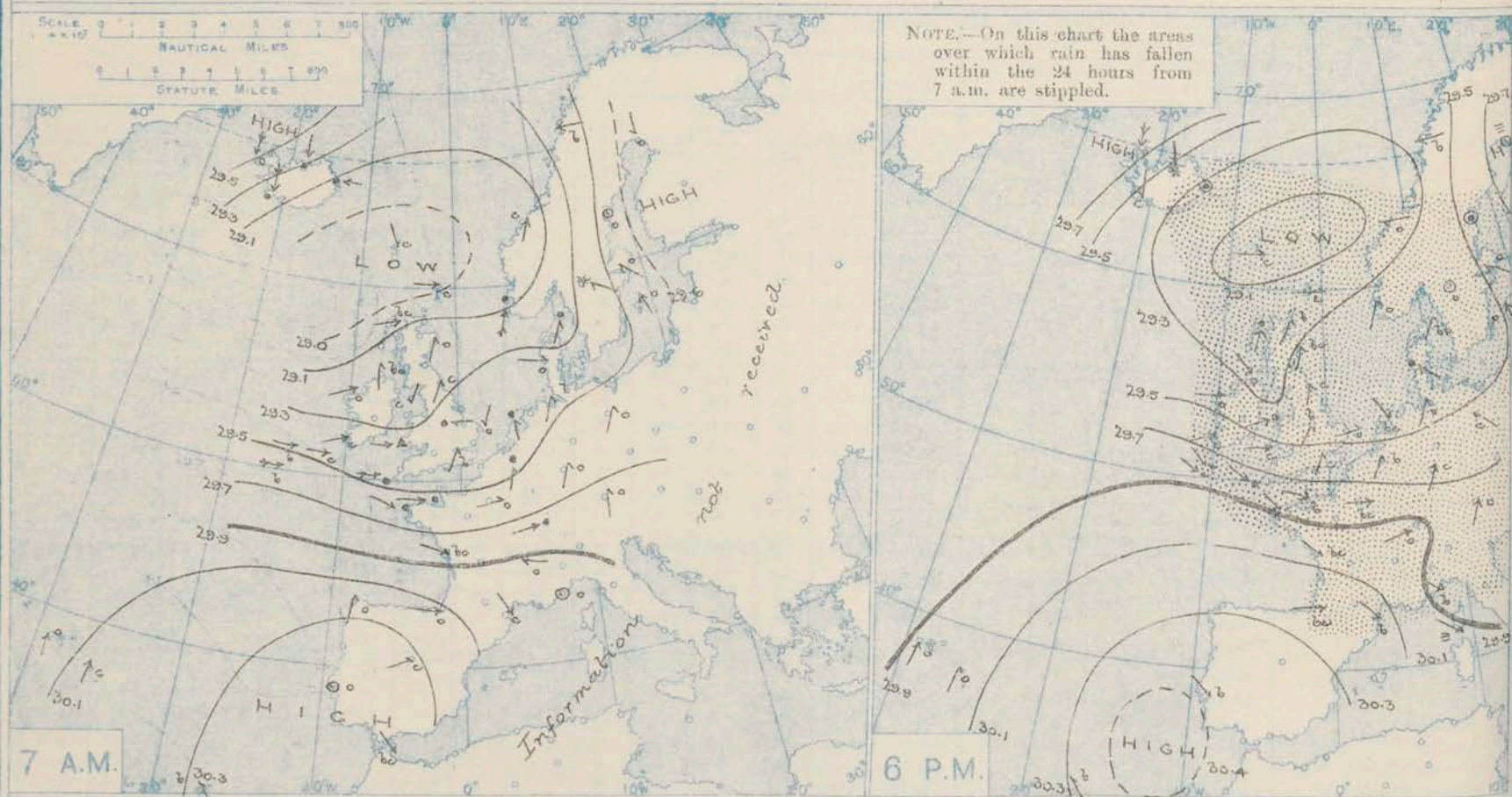
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.									
	BARON.		TEMP.	WIND.		WEATHER.	BAROMETRE.		TEMP.		WIND.		SEA (0 to 9).	RAIN-FALL.	TEMP.			SUNSHINE.	WEATHER.							
	At 28° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dir.	Force (0 to 12).	At 28° Fahr. and M.S.L. 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	29.19	42	W	3	c	29.23	-0.02	44	+1	SSW	5	r	3	0.12	44	40	0.1	cpq	cp	bc					
	Stornoway	29.22	42	SW	4	r	29.31	+0.01	41	+2	W	3	c	3	0.20	43	39	0.1	cp	cpq	cpq					
	Castlebay (Barra Isd.)	29.26	45	WSW	3	bcp	29.33	0.00	46	+1	W	4	cp	4	0.27	46	41	0.0	bcp.0	or. bc	bch. bc					
	Malin Head	29.26	46	NW	7	o	29.47	0.00	44	+9	WSW	5	cp	4	0.10	46	36	*	bc	cg	cpq					
	Blackod Point	29.45	46	W	6	o	29.54	-0.04	45	0	W	5	o	3	0.15	48	42	*	omq	omq	bcp					
	Valencia	29.69	47	WSW	6	c	29.59	-0.10	46	-1	S	3	r	5	0.17	49	44	2.3	bcl	bc	bcr					
	Roche's Point	29.68	45	W	4	b	29.63	*	47	+4	SW	2	r	4	0.18	48	41	*	bcpq	bc. b	b. or					
	Birr Castle	29.52	45	W	4	c	29.62	*	41	+6	S	4	o	*	0.33	46	35	1.4	c. oh	c. oh	o					
	Donaghadee	29.26	43	W	5	r	29.58	+0.02	39	+4	SSW	2	r	2	0.08	44	33	*	or. opq	bcp	or					
	Liverpool Obsy.	29.38	39	WSW	5	r	29.67	+0.01	43	+5	SW	4	o	3	0.44	45	36	0.9	or	cpq	o					
	Holyhead	29.40	44	WSW	7	cmq	29.67	+0.04	45	+6	W	3	o	3	0.03	46	38	*	c	cpq	o. cm					
	Pembroke (St. Ann's Hd.)	29.57	48	W	7	c	29.74	-0.02	48	+4	SW	4	og	6	0.08	49	43	2.1	cp	cp	cpq					
	Newquay	29.73	48	W	7	c	29.71	*	47	+1	S	1	o	4	0.17	49	43	1.2	cpq	cpq	od.					
	Scilly (St. Mary's)	29.76	48	WNW	7	cmq	29.82	-0.02	48	+2	WSW	4	opm	5	0.12	50	44	3.3	cmq	cmq	cmq					
	Jersey (St. Aubin)	29.80	47	WNW	5	b	29.94	*	49	+4	WSW	4	cpm	3	0.20	52	44	0.8	-	-	cpq					
	Portland Bill	29.64	47	W	6	bcp	29.83	+0.01	49	+4	W	4	bc	4	0.03	49	44	2.5	cpq	bcp	bc					
	Dungeness	29.55	44	W	5	c	29.77	+0.04	43	-3	W	4	bc	4	-	48	42	4.0	c	c	bc.					
	Dover	29.54	40	W	2	b	29.81	*	39	-3	W	4	bc	2	-	46	39	3.0	c. bc	bc	b. bc.					
	Wick	29.24	39	SW	3	b	29.32	+0.02	38	+2	SW	2	c	2	Trace	41	36	*	bcp	b	bc. cp					
	Nairn	29.26	34	-	0	b	29.34	*	39	+4	W	2	b	1	-	40	30	2.0	-	b	b	b				
	Aberdeen	29.34	38	SEW	2	bc	29.41	0.00	34	-3	SSW	1	bc	2	-	40	33	2.0	b. bcp	bcp	bcp. bc					
	Leith	29.34	37	SE	1	c	29.46	+0.02	42	+3	WSW	4	r	*	0.01	42	35	*	b	bc. c	cp. bc					
	North Shields	29.38	36	S	2	c	29.53	+0.02	39	+4	SW	2	or	2	0.01	40	32	1.5	c	o	r. o					
	Spurn Head	29.45	37	SSW	2	bc	29.63	+0.03	42	+4	WSW	4	c	4	0.09	43	35	*	ev	bc. o	adm.					
Yarmouth	29.48	40	WSW	2	o	29.71	+0.10	39	+2	W	1	b	1	0.11	42	37	0.5	c. bc	o	bc. b						
Clacton-on-Sea	29.50	42	W	3	bc	29.72	+0.05	41	0	WNW	3	bc	2	-	44	39	2.1	bc. c. o	op. c. bc	bc						
Nottingham	29.47	36	SW	1	b	29.70	*	38	+4	SW	1	c	*	0.10	45	34	0.1	rs. o. bc	bc. b	bcp						
Bath	29.59	44	W	2	bc	29.79	*	42	+1	W	1	o	*	0.25	47	40	*	-	-	-						
Oxford	29.61	43	W	4	bc	29.80	*	41	+1	SW	2	bc	*	0.04	45	39	*	op. c	c. bc	bc. bc						
London (Kew Obsy.)	29.58	42	SW	2	c	29.80	+0.05	40	0	SW	1	c	*	0.01	45	40	1.0	bc. c. o	bc. c. o	cp. bc. b						
ICELAND & FAEROE.	Isafjord	29.72	28	N	9	o	29.89	*	28	+2	NNE	8	c	*	*	*	*	*	*	*	*					
	Reykjavik	29.40	35	N	3	c	29.63	*	23	-11	-	0	b	*	*	*	*	*	*	*	*					
	Seydisfjord	29.29	36	-	0	r	29.57	+0.09	33	-3	-	0	s	*	*	*	*	*	*	*	*					
	Thorshavn	29.05	40	W	2	c	29.13	+0.03	37	-4	-	0	o	*	*	*	*	*	*	*	*					
SCANDINAVIA.	Haparanda	29.73	19	-	0	f	29.77	0.00	27	+17	-	0	b	*	-	27	7	*	*	*	*					
	Hernösand	29.55	35	-	0	r	29.65	+0.02	36	+6	S	4	o	*	0.16	36	29	*	*	*	*					
	Stockholm	29.52	36	SE	2	o	29.64	+0.04	36	+1	SSE	2	o	*	0.08	37	34	*	*	*	*					
	Wisby	29.50	38	SSE	4	o	29.62	+0.05	37	+1	SSE	4	o	*	0.12	39	34	*	*	*	*					
	Karlstad	29.45	38	-	0	o	29.59	+0.04	37	+4	-	0	o	*	0.16	38	32	*	*	*	*					
	Färder (X'anta Fjord)	29.44	40	SW	4	b	29.54	+0.04	39	+1	SE	2	m	3	-	41	37	*	*	*	*					
	Bodö	29.37	32	E	4	b	29.42	+0.01	33	0	E	4	o	1	-	34	30	*	*	*	*					
	Christiansund	29.12	43	ESE	3	o	29.42	+0.07	41	0	SW	1	bc	4	0.32	45	39	*	*	*	*					
	Skudesnaes	29.35	44	SW	2	c	29.51	+0.03	41	-1	SSE	2	c	4	0.24	45	37	*	*	*	*					
	The Scaw (Skagen)	29.43	40	SW	2	bc	29.51	+0.02	41	-1	E	2	r	0	0.08	43	37	*	*	*	*					
Blaavands Huk	29.41	38	SE	1	r	29.50	+0.03	36	-7	-	0	o	1	Trace	43	34	*	*	*	*						
GERMANY, &c.	Cuxhaven	29.39	41	SW	2	o	29.55	+0.04	38	-2	W	1	o	*	0.23	43	37	*	*	*	*					
	The Helder	29.47	40	N	1	bc	29.60	+0.04	39	-2	SSE	1	o	2	0.16	43	36	*	*	*	*					
	Brussels	29.61	41	SW	3	b	29.76	+0.06	39	-6	WSW	4	b	*	0.04	46	39	*	*	*	*					
	Berlin	29.51	41	SE	1	c	29.60	+0.02	39	0	SW	1	bc	*	0.20	45	39	*	*	*	*					
	Frankfurt	29.66	40	SW	4	c	29.74	+0.04	41	-3	SW	4	o	*	0.28	46	39	*	*	*	*					
	Munich	29.79	38	SW	6	o	29.90	-0.00	36	-1	SW	4	o	*	0.12	43	34	*	*	*	*					
FRANCE.	C. Gris Nez	29.59	46	W	6	bc	29.80	+0.05	45	-2	W	7	b	7	0.16	48	43	*	*	*	*					
	La Hève	29.72	40	W	8	o	29.93	*	44	+3	SW	5	o	5	0.24	46	39	*	*	*	*					
	Brest (St. Mathieu)	29.95	50	NW	6	c	29.99	-0.02	49	+2	WSW	4	r	5	0.12	52	46	*	*	*	*					
	Lorient (Bec Melon)	30.06	50	NW	7	bc	30.13	*	50	0	WNW	3	o	*	0.15	54	45	*	*	*	*					
	Rochefort (Ile d'Alx)	30.27	54	W	5	bc	30.28	*	51	-3	SW	4	o	4	0.32	54	50	*	*	*	*					
	Biarritz	30.27	54	W	5	bc	30.28	*	51	-3	SW	4	o	4	0.32	54	50	*	*	*	*					
SPAIN, PORTUGAL, &c.	Paris	29.78	43	WNW	5	r	29.95	+0.04	40	-5	WSW	2	b	*	0.16	48	38	*	*	*	*					
	Belfort	29.92	36	WSW	7	o	30.03	*	39	-2	WSW	7	o	*	0.38	42	35	*	*	*	*					
	Lyons	30.00	43	W	5	c	30.13	*	40	-1	SW	1	o	*	0.04	50	39	*	*	*	*					
	Nice	29.85	49	NW	5	b	29.98	+0.01	46	+1	-	0	bc	1	0.12	50	43	*	*	*	*					
	Perpignan	30.17	52	NW	5	b	30.19	-0.01	50	-2	NW	2	bc	*	-	54	47	*	*	*	*					
	Sanguinaires	29.91	52	NW	7	m	30.06	*	55	-	NW	7	c	7	-	57	45	*	*	*	*					
SPAIN, PORTUGAL, &c.	Corunna	30.34	53	SW	2	o	30.19	0.00	54	+4	S	5	o	7	-	61	50	*	*	*	*					
	Lisbon (8 a.m. local)	30.41	54	NW	2	b	30.44	+0.02	48	-6	N	2	b	*	-	61	48	*	*	*	*					
	</																									

\* 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. YESTERDAY.



## NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° or a trifle above it on several parts of our south coast, but failed to exceed 40° in the north-east of Great Britain. Ground frost occurred in many places at night. More than 4 hours of bright sunshine were recorded on the

eastern parts of the Channel. Showers of rain or hail occurred in several localities, and lightning was seen at Valence. Wireless reports show that as far west as the 15th meridian ships experienced gales or high winds from the westward, with fine weather.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON TUESDAY

TO NOON WEDNESDAY.

- |   |   |                                                                                                                         |
|---|---|-------------------------------------------------------------------------------------------------------------------------|
| 0 | a | South-Westerly to Southerly winds, moderate or fresh; changeable, some rain; continuing rather cold.                    |
|   | b |                                                                                                                         |
| 1 |   |                                                                                                                         |
| 2 | a | South-Westerly winds, freshening considerably; fine at first, becoming rainy again later; temperature above the normal. |
|   | 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 Coast	South Coast
North Coast	North Coast

- |    |   |                                                                                                            |
|----|---|------------------------------------------------------------------------------------------------------------|
| 6  | a | Southerly winds, increasing in strength; mild, unsettled, occasional rain.                                 |
|    | b |                                                                                                            |
| 7  | a | South-Westerly to Westerly winds, increasing to a gale; rainy at first, improving temporarily later; mild. |
|    | b |                                                                                                            |
| 8  | a | Southerly to Westerly winds, increasing in strength; mild, unsettled, occasional rain.                     |
|    | b |                                                                                                            |
| 9  | a |                                                                                                            |
|    | b |                                                                                                            |
| 10 | a |                                                                                                            |
|    | b |                                                                                                            |

### 11 WESTERN CHANNEL AND BAY.

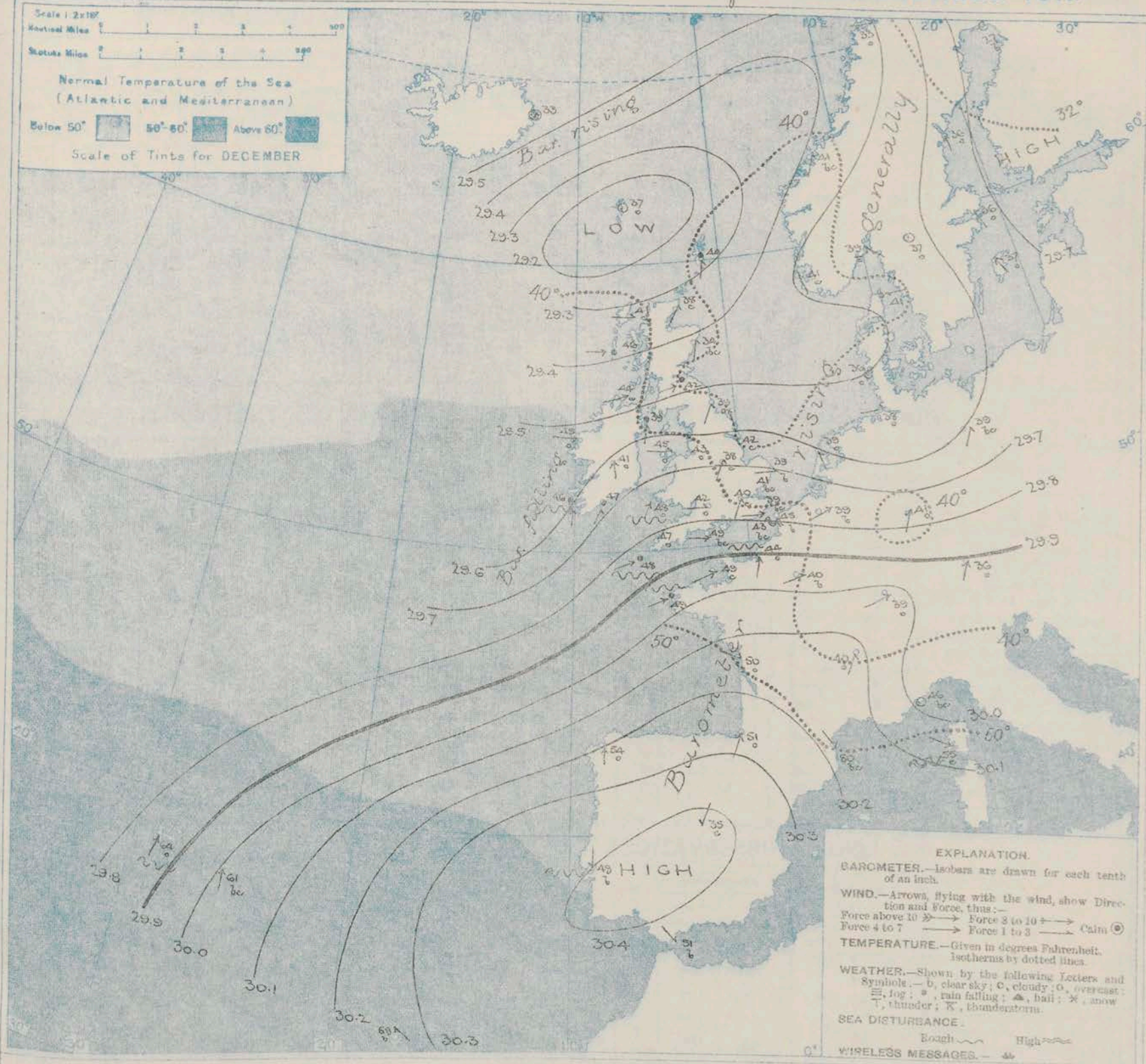
Increasing South-Westerly to Westerly winds, and a rough sea; mild, squally, occasional rain.

### THE FURTHER OUTLOOK.



SYNOPTIC CHART FOR 7 A.M. Tuesday, 26<sup>th</sup>

DECEMBER 1911.



NOTES ON THE GENERAL SITUATION AT 7 AM

The general distribution of pressure remains unchanged, the barometer being highest over Spain and the adjacent parts of the Atlantic, and lowest between Shetland and the Faeroe. A new disturbance is approaching Ireland from the Westwards, and at Valencia the mercury is falling briskly.

The wind is westerly or south-westerly over the major part of the United Kingdom, France and Germany, but has backed to the southward at several of the Irish stations. Southerly breezes are reported also in Scandinavia. Temperature has risen in these islands, and now ranges

from a little below  $50^{\circ}$  on our south-west coasts to  $40^{\circ}$  and less in several parts of North Britain, and to  $30^{\circ}$  at Aberdeen. Readings below  $40^{\circ}$  are also reported over the northern and central parts of the Continent; frost prevails in Lapland. Rain is falling at several of our own western and northern stations, but in most rather parts of our area of observation the weather is at present fair or fine. Snow is reported at Lyddesford (Iceland). The sea is rough on our south-west coasts, and off the north of France, moderate or slight elsewhere.

The new depression which is approaching Ireland is likely to advance in an Easterly or North Easterly direction, and will occasion a considerable

increase of wind from the South. Westward and Westward on our southern coasts. Rain will again set in over the greater part of the country.



## DAILY WEATHER REPORT.

Tuesday, 26th December 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 Disturbance.
	Lat. N.	Long. W.		Direc.	Force.			Lat. N.	Long. W.		Direc.	Force.		Air.		Sea.	
														Dry Bulb.	Wet Bulb.		
	"	"	In.				"	"	In.				"	"	"		
Dec. 25th 3p.m.	50	10	29.77	WNW	8.9	<u>Minneapolis</u>	Dec. 25th 6p.m.	50	10	29.83	WNW	8.7	c	.	.	.	
" " "	50	10	29.81	NW	6.7	<u>Vaderland</u>	" " "	50	10	29.85	NW	6.7	c	.	.	.	
" " 4am	51	14	29.43	W	6.7	<u>Canada</u>	" " 7am	51	14	29.61	W	6.7	b	.	.	.	
" " "	50	15	29.50	W	8.9	<u>Mount Temple</u>	" " "	50	15	29.58	W	8.9	b	.	.	.	
" " "	51	11	29.31	W	6.7	<u>Cymric</u>	" " "	51	12	29.43	W	12	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.	45	36	cpcy. bcg	2	0.02	Seaford, to 6 p.m.	49	41	*	4.6	0.29
Blackpool, to 9 p.m.	42	34	o. r. o	0.0	0.12	Eastbourne, to 6 p.m.	51	44	*	4.5	0.21
Southport, to 9 p.m.	46	37	b. o	0.6	0.16	Bexhill-on-Sea, to 9 p.m.	48	43	r. bc. c	4.2	0.16
Rhyl, to 6 p.m.						Hastings	*	*	*	4.1	*
Colwyn Bay, to 6 p.m.	46	37	bc. o	2.3	0.05	Folkestone, to 6 p.m.	48	40	r. o. bc	2.2	0.21
Llandudno, to 9 p.m.	46	36	o. c. bc. r	2.8	0.08	Deal, to 6 p.m.	47	41	ov. bc. b	3.2	0.16
Bettws-y-Coed, to 6 p.m.						Ramsgate, to 6 p.m.	*	*	*	3.0	0.19
Aberystwyth, to 6 p.m.	49	37	*	0.5	0.12	Margate, to 6 p.m.	53	41	b	2.5	0.23
Plymouth, to 9 p.m.						Felixstowe, to 6 p.m.			*		
Paignton, to 6 p.m.	50	40	bcy	3.0	0.46	Lowestoft, to 6 p.m.					
Torquay, to 6 p.m.	51	40	*	3.3	0.39	Skegness, to 6 p.m.	41	36	r. c. bc	2.0	0.07
Teignmouth, to 9 p.m.	49	41		2.8	0.21	Scarborough, to 9 p.m.	43	35		1.3	0.01
Weymouth, to 6 p.m.	48	43	c. bc. b	2.5	0.24	Harrogate, to 6 p.m.	37	31	bc. c. o	0.0	
Bournemouth, to 6 p.m.	47	40	r. c. bc. b	4.4	0.23	Buxton, to 6 p.m.					
Southsea, to 6 p.m.	48	42	*	4.5	0.28	Darwen, to 9 p.m.					
Worthing, to 6 p.m.	48	43	bc.	5.2	0.36	Manchester, to 9 p.m.					
						Birmingham, to 9 p.m.	42	34	cp. b	1.8	0.11

## 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.				26th & 27th Dec. 1911.	Sunrise	Noon	Sunset
24 HOURS ENDED AT 9 A.M. TO-DAY.											
%	%				In.	Hrs.		G.M.T.	G.M.T.	G.M.T.	
Greenwich (Royal Obsy.) ...	72	93	44	39	c. bc. b	—	1.8	Yarmouth ... {	8.6	11.54	3.42
City (Rushmill Row) ...	*	*	*	*	*	*	0.4		8.6	11.54	3.43
Westminster (St. James's Pk.)							1.0		8.7	12.1	3.54
Camden Sq. (Brit. Rainfall)								8.8	12.1	3.55	
Hampstead (Reservoir) ...	*	96	42	38	r. bc. cu	Trace	1.7	Wick ... {	9.5	12.13	3.20
									9.5	12.13	3.21
									8.51	12.42	4.33
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Valencia... {	8.51	12.42	4.34
South Kensington ...	*	*	47	41	b. bc. c. bc. b. }	0.16	*				
" (Roof of M.O.)	—	—	48	41		*	0.8				

## 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.	
Malaga ...	In.	*	*	Observations not received	Rome ...	In.	*	*	Observations not received
Marseilles ...					Vienna ...				
Malta ...					Utrecht ...				
Algiers ...					Zürich ...				
Tunis ...					Geneva ...				
Palermo ...					Lugano ...				

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

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



1911.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,  
27th December, 1911.

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.	After'n. 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.		
BRITISH ISLANDS.	Lerwick	29.32	40	SSW	2	c	29.64	+1.11	39	-5	SW	2	b	2	0.23	44	38	2.7	cp	ov	bc	
	Stornoway	29.41	39	W	3	c	29.73	+0.08	38	-3	N	3	bc	3	0.07	52	36		c. bc	bc. cp	bc. bc	
	Castlebay (Barra Isd.)	29.47	43	NW	2	cp	29.75	+0.07	44	-2	N	2	bc	3	0.08	47	42	1.5	cp. bcg	bc. c	c. bc	
	Malin Head	29.50	42	NW	2	cm	29.75	+0.04	45	+1	NNW	1	bcw	1	0.02	45	40		cm	cm	cm. bc	
	Blacksod Point	29.55	43	NE	2	o	29.77	+0.01	42	-3	SE	1	r	3	0.24	46	36		cm	cm	cm. bc	
	Valencia	29.69	49	WSW	3	om	29.76	-0.00	47	+1	S	1	r	4	0.00	53	46	1.7	om	om	or	
	Roche's Point	29.64	49	W	4	bc	29.80		47	0	SW	2	r	3	0.34	53	44		om	bc. bc	bc. or	
	Birr Castle	29.52	48	SW	3	o	29.79		37	-4	S	2	r	2	0.11	50	35	0.0	or	op	or	
	Donaghadee	29.49	38	SSW	2	b	29.79	+0.03	36	-3	SW	3	b	2	0.07	42	35		cg	om. b	cg. bcw	
	Liverpool Obsy.	29.41	45	ESE	4	r	29.81	+0.04	41	-2	SW	3	c	3	0.31	46	38	0.0	or	or	bc	
	Holyhead	29.43	49	WSW	4	c	29.82	+0.10	42	-3	W	2	b	2	0.14	49	40		rgm	cm	bc	
	Pembroke (St. Ann's Hd.)	29.53	50	W	5	b	29.81	+0.01	44	-4	NE	2	opg	4	0.34	51	44	0.0	cg	cmg	bc	
	Newquay	29.68	50	W	5	c	29.85		47	0	SW	1	od	3	0.18	52	47	0.0	opf	op	or	
	Scilly (St. Mary's)	29.71	51	W	6	om	29.82	-0.00	50	+2	-	0	md	4	0.33	53	47	0.0	cmg	cmg	cmg	
	Jersey (St. Aubin)	29.77	51	WNW	5	om	29.90		51	+2	WSW	2	ogmd	2	0.12	53	48	0.0	om	om	ogcg	
	Portland Bill	29.60	52	W	5	c	29.86	+0.06	47	-2	NE	1	o	4	0.10	52	47	0.0	d	c	bc. c. o	
	Dungeness	29.55	47	S	5	rg	29.80	+0.12	42	-1	NNW	4	c	3	0.24	49	41	0.0	c. o	or	or. bc. o	
	Dover	29.56	45	SSW	5	r	29.85		39	0	NNW	2	c	2	0.28	50	39	0.1	bc. c	c. or	or. bc. c	
	Wick	29.35	36	SSW	2	bc	29.67	+0.08	38	0	NW	1	b	2	0.01	41	34		bc	bc	bc. bc. c	
	Nairn	29.39	37	W	1	c	29.68		37	-2	W	1	bc	1	0.01	42	35	3.4	bc	c	bc. bc	
	Aberdeen	29.42	36	SW	1	b	29.67	+0.08	38	+4	WNW	4	b	2		42	33	1.1	cg. bc	bc	bc. b	
	Leith	29.50	42	SW	1	c	29.71	+0.07	38	-4	WSW	2	b			44	36		c. c	c	cg	
	North Shields	29.50	42	SW	1	m	29.72	+0.04	38	-1	W	1	c	2		44	35		o	cg	c	
	Spurn Head	29.52	40	S	4	r	29.72	+0.03	39	-3	W	6	cg	5	0.17	42	36		om	or	c. cg	
Yarmouth	29.61	42	S	1	o	29.76	+0.10	37	-2	W	1	b					0.3	bc. c. o	op	bc		
Clacton-on-Sea	29.57	43	SSE	4	r	29.80	+0.09	39	-2	WNW	2	bc	2	0.13	49	39	0.0	bc. c. o	rg	rg		
Nottingham	29.60	41	E	2	r	29.81		36	-2	WSW	1	bcw		0.29	44	35	0.0	c. o	or	r		
Bath	29.57	47	SW	3	o	29.85		38	-4	E	1	o		0.26	51	37	0.0	-	-	-		
Oxford	29.50	48	SW	4	b	29.88		38	+3	SW	1	b		0.33	49	38		bc. or	or	b		
London (Kew Obsy.)	29.51	46	SSW	4	or	29.86	+0.08	41	+1	NW	1	om		0.27	49	40	0.0	c. om	om. or	or. bc. c		
ICELAND & FAEROE.	Isafjord	30.05	24	N	8	c																
	Reykjavik	29.76	22	NNW	3	c																
SCANDINAVIA.	Seydisfjord	29.84	26	W	3	o	29.96	+0.00	16	-17	W	5	b									
	Thorshavn	29.33	39	NE	3	c	29.80	+0.07	33	-4	N	4	c									
	Haparanda	29.79	27	S	4	b	29.78	+0.02	32	+5	SW	6	S		0.04	32	25					
	Hernösand	29.76	36	S	2	o	29.82	+0.02	34	+2	S	2	o			41	34					
	Stockholm	29.70	37	SE	2	o	29.65	-0.00	35	-1	ENE	4	o		0.04	37	32					
	Wisby	29.62	38	SSE	4	o	29.49	-0.02	35	-2	SE	4	r		0.12	41	35					
	Karlstad	29.65	36	-	0	o	29.65	+0.02	35	-2	ENE	2	o			37	34					
	Færder (Xtania Fjord)	29.60	36	NE	2	r	29.60	+0.02	36	-3	NNE	4	r	2	0.47	39	34					
	Bodö	29.51	34	E	4	m	29.63	+0.03	35	+2	E	2	b	1	0.32	35	32					
	Christiansund	29.54	38	-	0	b	29.65	+0.08	35	-6	-	0	b	3		41	32					
GERMANY, &c.	Skudesnaes	29.54	39	SE	2	b	29.65	+0.05	33	-8	-	0	b	2		41	33					
	The Scaw (Skagen)	29.53	41	SE	3	r	29.57	+0.01	39	-2	NE	2	r	0	0.47	41	37					
	Blaavands Huk	29.56	39	NW	1	b	29.58	+0.05	35	-1	E	1	b	1	0.02	41	32					
	Cuxhaven	29.65	34	SW	2	f	29.56	+0.05	38	0	NW	1	f			39	34					
	The Helder	29.67	41	SSE	2	o	29.68	+0.08	42	+3	W	1	c	2	0.12	45	39					
	Brussels	29.65	41	S	3	r	29.73		41	+2	NNW	4	o		0.16	45	39					
	Berlin	29.68	37	W	1	b	29.84	+0.01	34	-5	S	1	o			43	32					
	Frankfurt	29.77	41	SSE	1	c		+0.04	46	+5	SW	3	c		0.43	46	41					
	Munich	29.77	38	SW	4	b	29.60	-0.09	41	+5	SW	6	r		0.28	47	42					
	FRANCE.	C. Gris Nez	29.61	49	SE	5	r	29.82	+0.07	43	-2	NNW	4	r	5	0.32	52	41				
La Hève		29.72	32	SW	6	r	29.86		46	+2	W	4	o	4	0.43	50	39					
Brest (St. Mathieu)		29.86	50	W	5	f	29.94	+0.01	52	+3	W	5	r	5	0.04	52	45					
Lorient (Bec Melen)			52	WSW	5	r	30.02		52	+2	WNW	5	r		0.51	52	50					
Rochefort (Ile d' Aix)		30.00	52	WSW	5	r			52	+2	WNW	5	r		0.51	52	50					
Biarritz		30.22	54	S	3	o	30.24		56	+5	WSW	4	o	4	0.24	56	52					
Paris		29.81	46	SSW	4	r	29.82	+0.06	50	+10	NW	3	o		0.39	53	38					
Belfort		30.06	47	WSW	6	o	29.79		45	+6	WSW	7	o		0.43	41	36					
Lyons		30.13	44	SSW	2	r	29.95		47	+7	W	1	o		0.12	50	42					
Nice		29.98	50	-	0	c	29.75	-0.08	49	+3	E	2	c	2		54	43					
SPAIN, PORTUGAL, &c.	Perpignan	30.19	53	NW	3	o	30.04	-0.02	59	-9	NW	5	o			54	46					
	Sanguinaire																					
	Corunna																					
	Lisbon (8 a.m. local)																					
PORTUGAL, &c.	Gibraltar	30.23	54	NW	7	bc	30.21		47	-4	NW	1	b									
	Azores (P. Delgada)																					
	Azores (Horta)	29.85	44	SSW	6	o	29.77	-0.02	64	0	SSW	7	o	6		64	64					
MADEIRA.	Madeira (Funchal)	30.27	54	SE	3	b	30.25	+0.01	57	-1	SE	3	c	2		66	46					

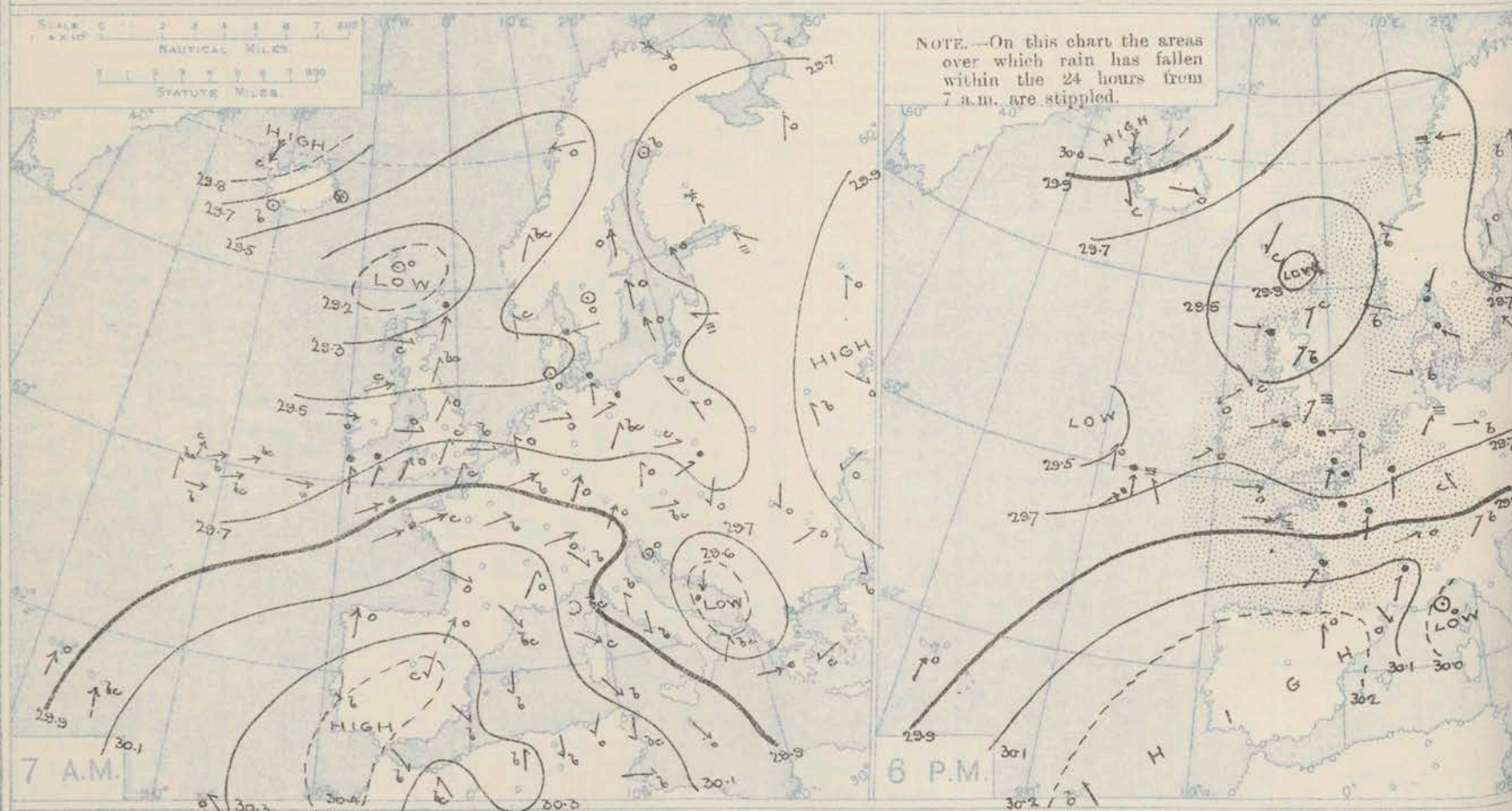
DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS

\* Information for these columns not usually received.

† Received too late for insertion in Charts.



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



## NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° and upwards at most of our south coast stations, but at places in the northern and central parts of Great Britain it scarcely exceeded 40°. Over the country generally there was an entire absence of bright

sunshine. Rain occurred in most districts. Aurora was seen at Aberdeen at night. Wireless reports show that as far west as the 24th meridian ships experienced moderate to strong winds from West or Southwest, with fine weather in the early part of the day, but some rain later.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON Wednesday TO NOON Thursday.

0 { Light breezes, chiefly N<sup>W</sup>; fair generally; colder.

1 { Light S<sup>W</sup> to S<sup>E</sup> breezes; fine at first, then less settled, with snow or sleet in places; remaining cold.

2 { Light S<sup>W</sup> to S<sup>E</sup> breezes; fine at first, some rain or sleet later; remaining cold.

4 { Variable breezes, finally moderate to fresh from the S<sup>W</sup>; fair at first, some rain later; temperature above the normal.

### FORECAST DISTRICTS.



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

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

6 { Same as No. 1.

7 {

8 {

9 {

10 {

11 {

S<sup>W</sup> and S<sup>W</sup> winds, freshening; dull, unsettled, some rain; temperature above the normal.

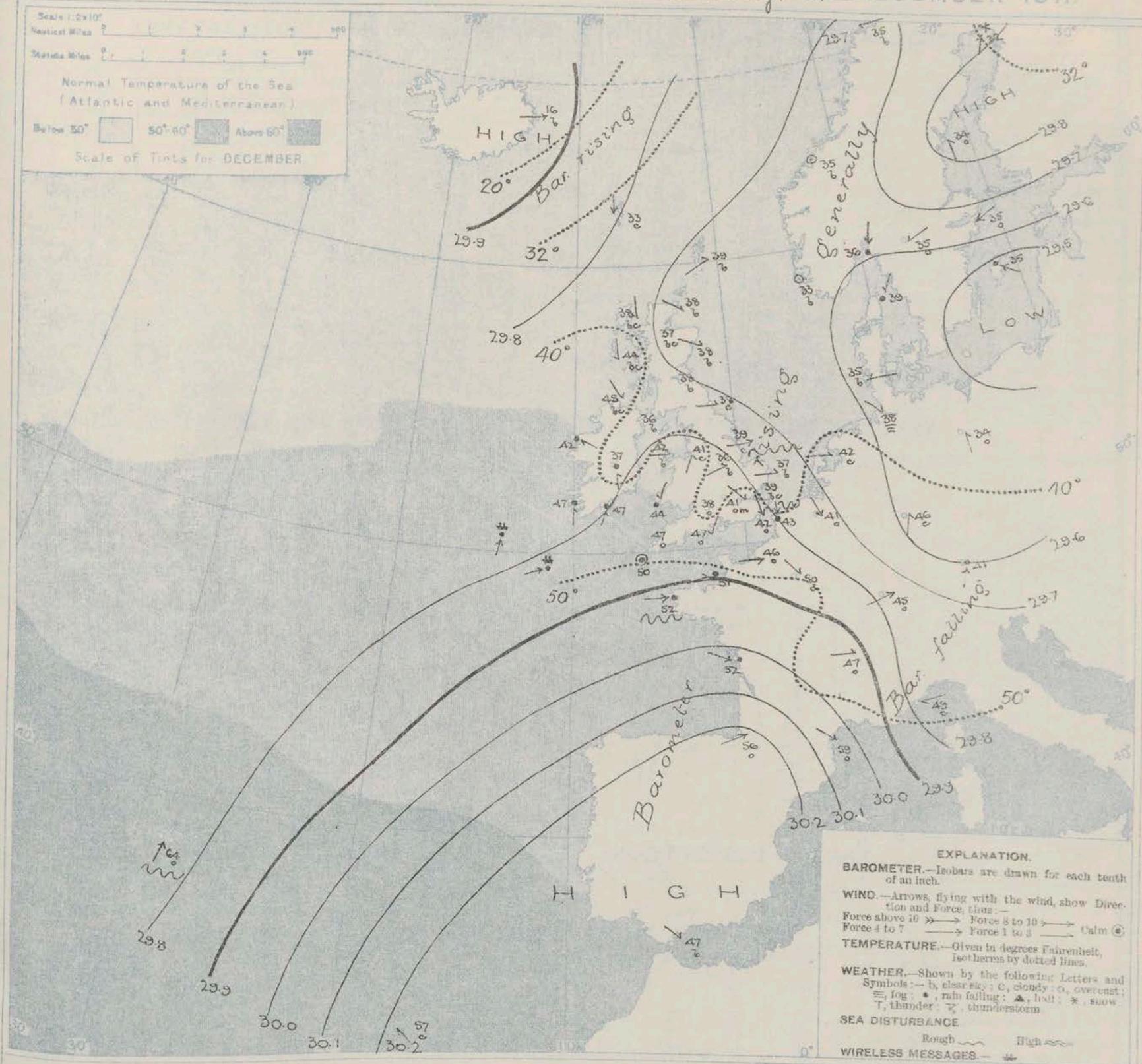
11 WESTERN CHANNEL AND BAY.

Freshening S<sup>W</sup> winds, and a moderate to rather rough sea; with unsettled, occasional rain.

### THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Wednesday, 27<sup>th</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The "V-shaped" depression which advanced over these islands yesterday has passed away to the Continent, but a new disturbance, apparently of little intensity, is approaching the Irish coasts.

The wind is light to moderate from between West and north over the major part of Great Britain and the adjacent Continental regions, but has backed to the Southward in Ireland. Temperature has fallen in most places. Over the United Kingdom the

morning readings range from a trifle above 45° on our south-west coasts to a little below 40° in the north and east of Great Britain. The Continental values range from 59° at Perpignan, and 56° at Biarritz to 35° and less at most of the Scandinavian stations. The weather is fine over the northern and central parts of Great Britain, as well as in the west of Norway. Elsewhere the sky is cloudy or overcast, with rain in Ireland and the south-west of England, as well as at several of the Continental stations. The sea is moderate or slight generally.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression to the westward of Ireland is likely to advance eastwards, and to occasion a renewal of unsettled, rainy weather over the whole

of England, with freshening South-Westerly winds on our southern coasts. In the north the weather will remain fair for the present.



## DAILY WEATHER REPORT.

Wednesday, 27th December 1911.

## 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.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.	Wet Bulb.	Sea.	
27th Dec. 4 a.m.	49	13	29.79	WSW	4-5	Lapland	27th Dec. 7 a.m.	49	11	29.88	WSW	4-5	✓				
do. 4 a.m.	51	15	29.67	S	1-3	Saunderland	do. 7 a.m.	51	14	29.76	SSW	4-5	✓				
26th Dec. 3 p.m.	50	17	29.72	SW	4-5	Vaderland	26th Dec. 6 p.m.	50	18	29.66	SE	4-5	m				
do. 3 p.m.	51	21	29.51	S	4-5	Saunderland	do. 6 p.m.	51	19	29.52	S	1-3	o				
do. 3 p.m.	50	17	29.62	W	4-5	Minneapolis	do. 6 p.m.	50	18	29.57	S	4-5	✓				
do. 3 p.m.	49	19	29.65	SW	4-5	Lapland	do. 6 p.m.	49	18	29.68	SW	4-5	✓				
do. 4 a.m.	49	23	29.56	W	4-5	do	do. 7 a.m.	49	22	29.59	W	4-5	✓				
do. 4 a.m.	50	13	29.57	S	6-7	Minneapolis	do. 7 a.m.	50	14	29.58	W	6-7	o				
do. 4 a.m.	50	26	29.47	SW	4-5	Saunderland	do. 7 a.m.	50	24	29.48	S	1-3	bc				
do. 4 a.m.	51	21	29.46	SSW	4-5	Canada	do. 7 a.m.	51	22	29.53	SSW	4-5	c				
do. 4 a.m.	51	19	29.52	W	6-7	Saxonia	do. 7 a.m.	51	21	29.55	WSW	4-5	b				
do. 4 a.m.	50	18	29.39	WSW	6-7	Wants Temple	do. 7 a.m.	50	19	29.40	WSW	6-7	bc				
do. 4 a.m.	51	17	29.44	WSW	4-5	Cyprus	do. 7 a.m.	51	18	29.49	WSW	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.				Hrs.	In.	Brighton, to 6 p.m.				Hrs.	In.
Dublin (City), to 4 p.m.	48	41	b. org. fog	*	0.11	Seaford, to 6 p.m.	50	42	o. c. r	0.0	0.30
Blackpool, to 9 p.m.						Eastbourne, to 6 p.m.	50	43	*	0.0	0.27
Southport, to 9 p.m.	45			0.0		Bexhill-on-Sea, to 9 p.m.	49	40	o. r. e	0.0	0.31
Rhyl, to 6 p.m.	47	38	c. r. o	0.0	0.15	Hastings	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	48	42	bc. o. op	0.0	0.13	Folkestone, to 6 p.m.	47	39	bc. c. bc. ov	0.0	0.17
Llandudno, to 9 p.m.	48	43	op	0.0	0.03	Deal, to 6 p.m.	46	40	c. og. r	0.0	0.11
Bettws-y-Coed, to 6 p.m.						Ramsgate, to 6 p.m.	*	*	*	0.0	-
Aberystwyth, to 6 p.m.	50	41	*	0.0	0.15	Margate, to 6 p.m.	45	40	o. b. r	0.0	0.08
Plymouth, to 9 p.m.						Felixstowe, to 6 p.m.			*		
Paignton, to 6 p.m.	54	42	bc. c. ov. c. bc	0.0	0.25	Lowestoft, to 6 p.m.					
Torquay, to 6 p.m.	50	43	*	0.0	0.21	Skegness, to 6 p.m.	42	34	r. o. r	0.1	0.08
Teignmouth, to 9 p.m.	54	43	o. r. b. c	0.0	0.17	Scarborough, to 9 p.m.	43	35	o	0.2	0.08
Weymouth, to 6 p.m.	52	44	op. org	0.0	0.24	Harrogate, to 6 p.m.	42	34	c. bc. op. ov	0.0	0.28
Bournemouth, to 6 p.m.	51	40	d. o. r	0.0	0.30	Buxton, to 6 p.m.	41	34	ov	0.0	0.51
Southsea, to 6 p.m.	54	49	*	0.0	0.30	Darwen, to 9 p.m.	43	36	ov. c. ov	0.0	0.49
Worthing, to 6 p.m.	47	38	c. r	0.0	0.31	Manchester, to 9 p.m.	44	40	ov. c. ov	0.0	0.11
						Birmingham, to 9 p.m.	47	38	o. r	0.0	

## 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.				27th & 28th Dec. 1911.	Sunrise	Noon	Sunset
	24 HOURS ENDED AT 9 A.M. TO-DAY.										
	%	%				In.	Hrs.		G.M.T.	G.M.T.	G.M.T.
Greenwich (Royal Obs.) ...	99	95	49	38	0.01.0.6m	0.26	0.0	Yarmouth ... .. {	8.6	11.54	3.43
City (Bunhill Row) ... ..	*	*	*	*	*	*	0.0		8.6	11.55	3.44
Westminster (St. James's Pk.)	94	96	50	37	uv m	0.26	0.0	Greenwich ... .. {	8.8	12.1	3.55
Camden Sq. (Brit. Rainfall)	-	98	49	35	0.01.6cm	0.29	0.0		8.8	12.2	3.56
Hampstead (Reservoir) ...	*	98	47	36	c.01.6cx.6c	0.28	0.0	Wick ... .. {	9.5	12.13	3.21
									9.5	12.14	3.22
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Valencia... .. {	8.51	12.42	4.34
South Kensington ...	*	*	46	41	} 0.0d.0rgm od {	0.26	} 0.0		8.51	12.43	4.35
" (Roof of M.G.)	98	89	47	41				*			

## 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.	68	46	b. b	Rome	0.12	56	47	b. b
Marseilles	0.12	54	41	b. b	Vienna	0.35	37	34	s. bc
Malta	-	64	53	o	Utrecht	-	*	*	bc. c
Algiers	-	64	54	b. b	Zürich	0.39	*	*	r. r
Tunis	-	66	46	b. bc	Geneva	0.51	*	*	b. b
Palermo	-	-	-	-	Lugano	0.20	*	*	-

Notes — The information relating to weather is indicated by the following letters — b. blue sky; bc. sky half clouded; c. sky three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloom; h. hail; i. lightning; m. mist; o. overcast sky; p. passing showers; q. squalls; r. rain; s. snow; t. thunder; u. ugly, threatening sky; v. visibility; unusual transparency; w. dew; x. hoar frost; 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,  
28th December, 1911.

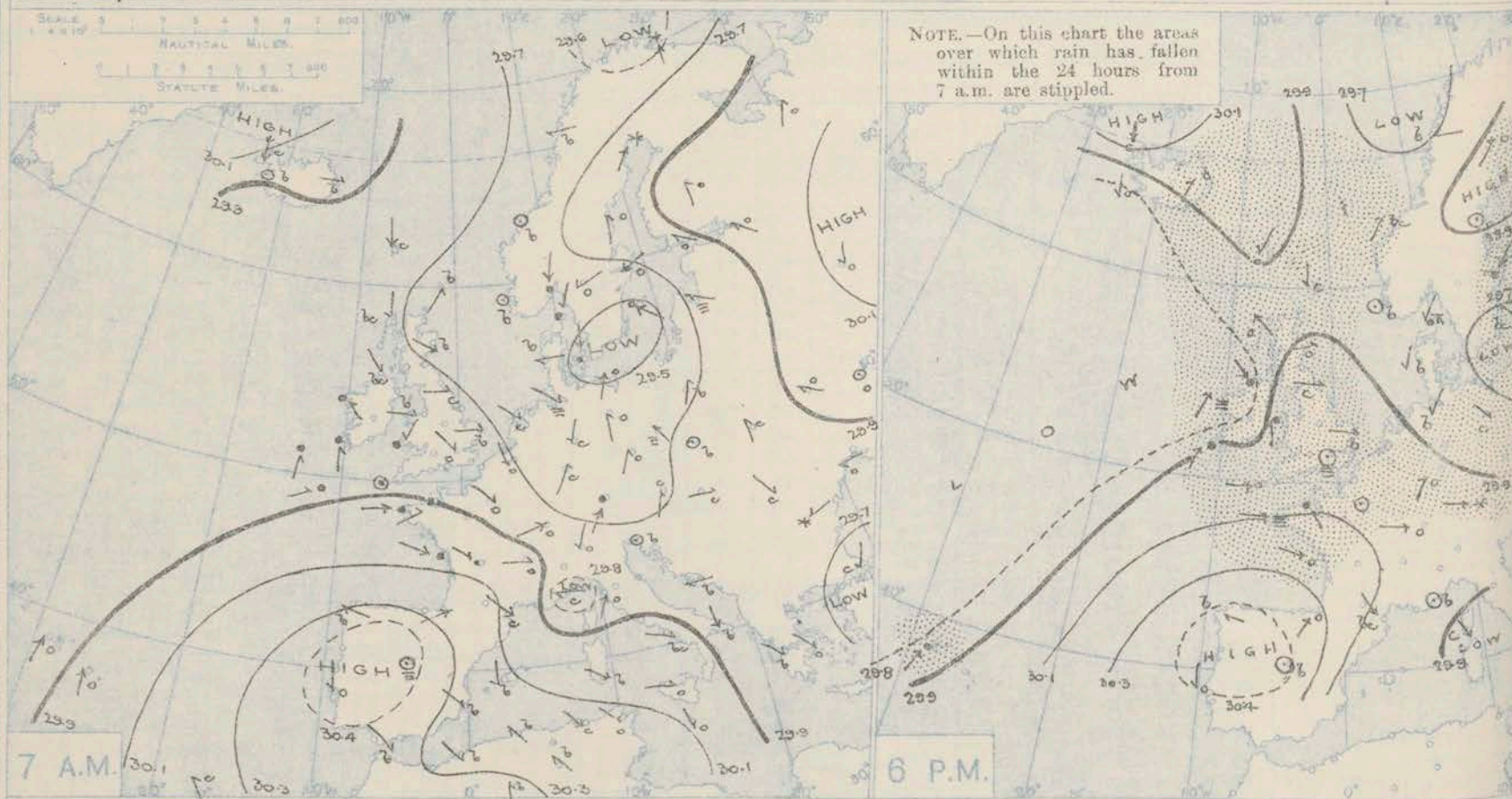
STATIONS.	YESTERDAY EVENING.						THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.									
	BAROM.		TEMP.		WIND.		BAROMETER.		TEMP.		WIND.		Sea (0 to 9).	Rain-fall.	TEMP.		Sun-shine.	WEATHER.								
	At 32° Fahr. and M.S.L. Lat. 45°.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L. 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'd 1 p.m. to 6 p.m.	Night. 6 p.m. to 7 a.m.						
BRITISH ISLANDS.	Lerwick	29.85	40	N	2	c	29.72	-0.07	44	+5	S	3	0	2	0.11	44	37	*	bc	bc	op					
	Stornoway	29.84	42	ESE	4	o	29.69	-0.00	47	+9	W	3	r	3	0.02	47	36	0.0	c op	o	op					
	Castlebay (Barra Isd.)	29.88	44	SE	4	op	29.73	-0.02	48	+4	SW	2	r	3	0.23	48	41	0.0	bc.c	c op	p-o-r					
	Malin Head	29.75	40	NW	5	r	29.73	-0.05	49	+4	S	3	r	3	0.14	49	40	*	bc.c	bc	op					
	Blacksod Point	29.72	51	SW	4	m	29.79	-0.01	52	+10	SW	6	o	4	0.11	56	41	*	odm	odm	odm					
	Valencia	29.90	53	SW	4	md	30.01	-0.01	51	+4	S	3	o	5	0.21	54	46	0.0	mr	md	md					
	Roches Point	29.91	52	WSW	3	o	30.05	*	51	+4	WSW	3	o	3	0.14	53	46	*	f d	df.o	o b.o					
	Birr Castle	29.81	49	SW	2	r	29.93	*	52	+15	S	3	o	*	0.30	53	37	0.0	or	o	o					
	Donaghadee	29.90	41	SSW	2	r	29.84	-0.02	48	+12	SW	3	o	2	0.15	48	35	*	f	omr	omr					
	Liverpool Obsy.	29.97	42	SSE	2	r	29.97	-0.01	45	+4	SSE	1	o	2	0.11	45	39	0.0	od	or	o					
	Holyhead	29.92	45	S	1	rgm	29.95	+0.01	50	+8	SW	4	c	3	0.16	50	42	*	rgm	rgm	cm					
	Pembroke (St. Ann's Hd.)	29.91	46	SSE	1	f	30.05	+0.01	50	+6	WSW	4	ogm	4	0.21	51	44	0.0	ljp	rgm	f d					
	Newquay	29.97	51	SW	3	md	30.14	*	49	+2	SW	3	odg	3	0.20	51	47	0.0	of.mdr	of.mdr	od					
	Scilly (St. Mary's)	30.00	52	W	5	ogm	30.16	+0.02	51	+1	WSW	4	ogm	4	0.12	52	49	0.0	omr	ogm	ogm					
	Jersey (St. Aubin)	30.02	50	SSE	3	orm	30.20	*	51	0	WSW	4	odgm	3	0.23	52	48	0.0	omr	omr	odgm					
	Portland Bill	29.97	48	NE	2	r	30.10	+0.02	51	+4	W	3	bc	4	0.05	51	46	0.0	or	or	df.bc					
Dungeness	29.97	43	WSW	2	c	30.08	?	46	+4	SE	3	o	3	0.03	48	39	2.8	bc	c	cg.o						
Dover	30.04	37	NW	1	b	30.12	*	44	+5	SW	3	r	2	0.03	46	36	5.6	b	b	b bc.or						
ICELAND & FAEROE.	Wick	29.86	41	N	1	o	29.69	-0.05	43	+5	SW	3	r	2	0.02	44	33	*	bc.c	omr	o					
	Nairn	29.85	36	-	0	o	29.71	*	42	+5	-	0	o	1	-	42	31	0.0	c	o	o					
	Aberdeen	29.91	38	WSW	1	o	29.80	-0.06	41	+3	SSW	3	o	2	0.02	42	36	1.4	b.bc.c	c.o	op					
	Leith	29.94	39	-	0	f	29.81	-0.03	44	+6	W	1	r	*	0.02	44	36	*	cg	of	omr					
	North Shields	29.93	41	W	2	cm	29.92	-0.02	41	+3	SW	2	o	2	0.01	41	35	2.5	-	-	cm.r					
	Spurn Head	29.95	40	W	3	c	29.99	-0.01	41	+2	SSE	4	m	3	0.03	42	37	*	bc.m	cm	b.f.d.m					
	Yarmouth	29.96	37	W	2	bm	30.08	+0.01	40	+3	W	1	o	1	0.02	42	35	4.2	b	b	bc.m.o					
	Clacton-on-Sea	29.98	44	WNW	2	bc	30.09	+0.00	43	+4	S	2	r	2	0.02	44	37	4.6	bc	bc.m	bc.m.d					
	Nottingham	29.97	40	WSW	1	b	30.01	*	43	+7	S	1	orm	*	0.06	43	35	0.8	bc.m	cm.c	m.odr					
	Bath	29.97	44	SW	2	r	30.09	*	50	+12	SW	2	o	*	0.15	50	38	0.0	-	-	-					
	Oxford	30.05	42	SSE	1	o	30.08	*	46	+8	S	2	o	*	0.20	47	38	*	bc.m.c	c.o	or.og					
	London (Kew Obsy.)	30.01	41	-	0	m	30.08	+0.00	44	+3	SW	1	om	*	0.14	45	39	3.1	c.bm	bc.bm	b.bc.or					
	SCANDINAVIA.	Isafjord	30.10	17	N	6	c	29.90	*	28	+9	NE	8	b	*	*	*	*	*	*	*	*				
		Reykjavik	29.78	39	N	3	o	29.66	-0.00	30	+11	NE	6	b	*	*	*	*	*	*	*	*				
		Seydisfjord	30.02	15	SW	5	b	29.95	-0.01	22	+6	-	0	S	*	*	*	*	*	*	*	*				
		Thorshavn	29.92	31	NE	1	o	29.78	+0.06	33	0	E	5	S	*	*	*	*	*	*	*	*				
Haparanda		29.95	30	SW	4	o	29.86	-0.08	30	-2	SW	4	o	*	0.04	32	27	*	bc	bc	op					
Hernösand		29.92	32	-	0	o	29.96	-0.00	28	-6	-	0	bc	*	-	41	28	*	bc	bc	op					
Stockholm		29.79	34	NE	4	r	29.97	+0.05	32	-3	N	2	o	*	0.35	36	30	*	bc	bc	op					
Wibby		29.70	35	SE	2	bc	29.95	+0.08	34	-1	SSE	2	c	*	0.08	37	32	*	bc	bc	op					
Karlstad		29.87	33	NNE	4	c	30.03	+0.06	29	-6	N	2	c	*	-	37	28	*	bc	bc	op					
Færder (Xfanta Fjord)		29.87	36	N	2	o	30.01	+0.02	31	-5	NNE	1	c	f	-	37	30	*	bc	bc	op					
Bodö		29.69	32	E	1	b	29.56	-0.04	36	+1	WSW	6	b	3	-	36	28	*	bc	bc	op					
Christiansund		29.82	30	SW	1	bc	29.84	-0.02	37	+2	SW	1	o	3	0.16	40	34	*	bc	bc	op					
Skudesnaes		29.92	33	-	0	b	29.96	-0.01	39	+6	SE	6	o	2	-	39	32	*	bc	bc	op					
The Scaw (Skagen)		29.86	38	NE	4	flr	30.05	+0.06	36	-3	N	1	b	o	-	39	36	*	bc	bc	op					
Blaavands Huk		29.90	37	NNE	2	b	30.10	+0.04	34	-1	E	1	o	o	-	39	32	*	bc	bc	op					
GERMANY, &c.		Cuxhaven	29.87	39	NE	1	b	30.12	+0.05	37	-1	NW	1	m	*	-	41	37	*	bc	bc	op				
	The Helder	29.95	42	NW	1	b	30.13	+0.01	38	-4	S	1	c	2	-	45	37	*	bc	bc	op					
	Brussels	30.04	39	WSW	1	c	30.19	+0.04	36	-5	SW	1	o	*	-	46	36	*	bc	bc	op					
	Berlin	29.75	37	NW	3	c	30.02	+0.12	36	+2	NW	3	o	*	0.04	39	36	*	bc	bc	op					
	Frankfurt	29.97	40	SW	2	o	30.17	+0.06	41	-5	NW	2	c	*	0.04	46	39	*	bc	bc	op					
	Munich	29.99	36	W	4	S	30.22	+0.04	35	-6	NW	4	o	*	0.12	45	32	*	bc	bc	op					
	FRANCE.	C. Gris Nez	30.02	44	W	2	b	30.13	0.00	43	0	S	4	o	3	-	46	41	*	bc	bc	op				
		La Hève	30.01	44	SE	1	o	30.19	*	48	+2	NW	2	f	2	0.20	48	45	*	bc	bc	op				
		Brest (St. Mathieu)	30.10	52	W	4	f	30.28	+0.02	49	-3	W	4	o	5	0.08	54	48	*	bc	bc	op				
		Lorient (Bec Melen)	30.10	54	WNW	5	f	30.25	*	51	-3	WNW	3	o	4	0.04	54	48	*	bc	bc	op				
		Rochefort (Ile d' Aix)	30.15	53	WNW	6	o	30.28	*	52	0	WNW	4	o	*	0.08	54	52	*	bc	bc	op				
		Biarritz	30.35	54	SW	4	a	30.39	*	54	-2	W	3	o	3	-	56	52	*	bc	bc	op				
		Paris	30.03	44	-	0	o	30.18	+0.02	42	-8	SSE	1	o	*	0.04	50	41	*	bc	bc	op				
		Belfort	30.01	39	W	4	o	30.28	*	32	-13	W	2	c	*	0.04	46	30	*	bc	bc	op				
		Lyons	?	47	-	0	b	30.00	+0.10	50	+1	-	0	b	o	-	54	43	*	bc	bc	op				
		Nice	?	47	-	0	b	30.14	+0.04	57	-2	NW	7	bc	*	-	61	55	*	bc	bc	op				
Perpignan		30.05	57	NW	5	c	29.94	*	53	-	WNW	2	m	5	-	57	45	*	bc	bc	op					
Sanguinaire		29.89	51	NW	5	c	29.94	*	53	-	WNW	2	m	5	-	57	45	*	bc	bc	op					
SPAIN, PORTUGAL, &c.		Corunna	30.41	60	ESE																					

\* 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. YESTERDAY.



## NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° and upwards at several of our western and southern stations; in the north and east of Great Britain it did not reach 45°. Little or no bright sunshine was recorded in the west and south-west; elsewhere the amount ranged upwards to about 5 hours at

Folkestone, and 5½ hours at Dover. Rain fell in nearly all districts. Wireless reports show that between the Irish coast and the 14th meridian ships experienced moderate to fresh S.W. winds, and rainy weather.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON THURSDAY TO NOON FRIDAY.

0 { a } S.W. winds, freshening; mild, unsettled, occasional rain.

1 { S.W. winds, light to moderate; unsettled, occasional rain; mild.

2 { a } S.W. and W. winds, light or moderate; mild, dull, misty.

3 { moderate; mild, dull, misty.

4 { slight rain 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	South Coast
North Coast	North Coast

No Warning issued.

6 { a }

7 { a }

8 { a }

9 { a }

10 { a }

11

Same as No. 0.

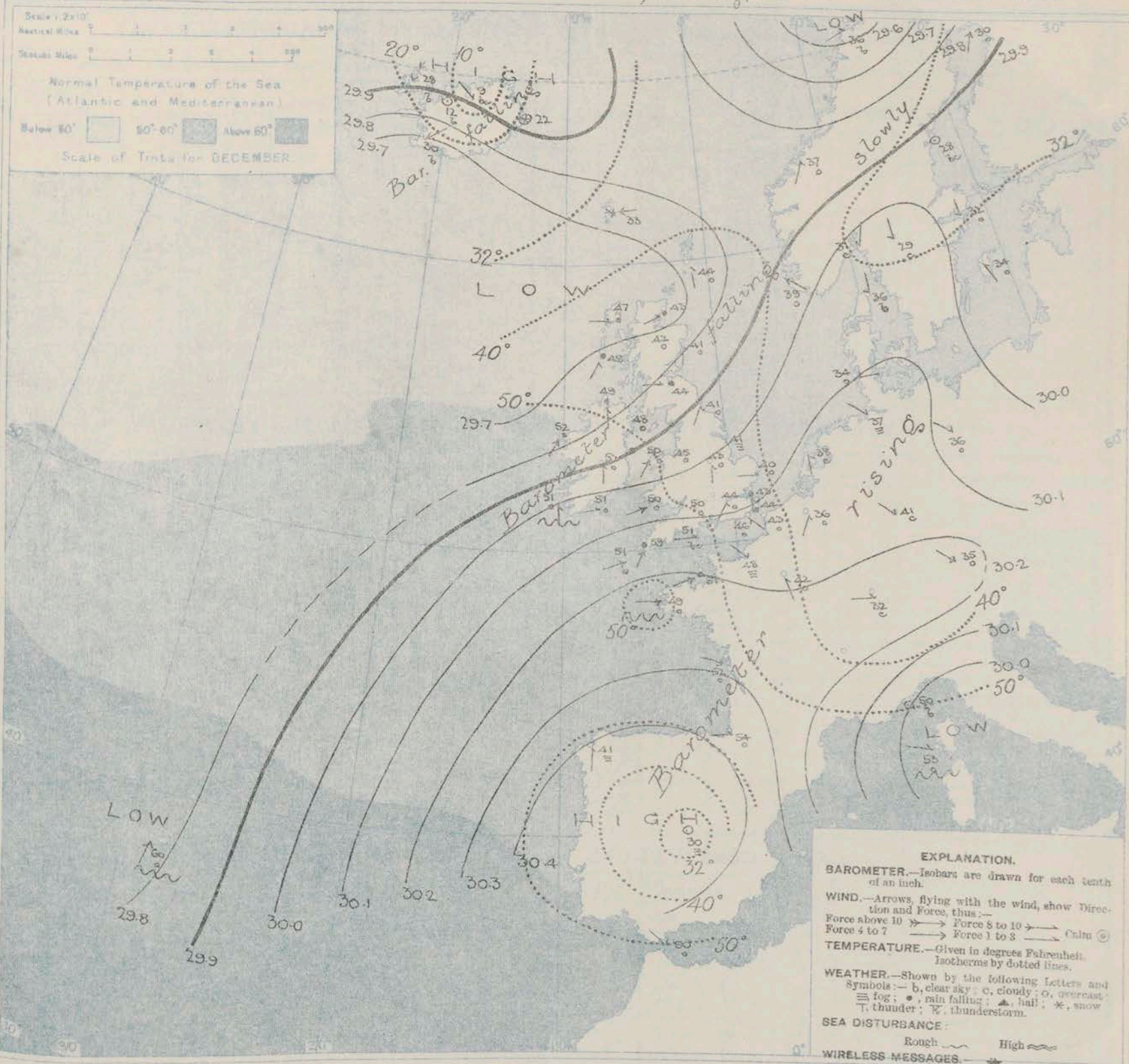
WESTERN CHANNEL AND BAY.

Moderate S.W. and S.E. winds, and dull, misty weather. Sea moderate generally, but rather rough north channel.

### THE FURTHER OUTLOOK.

Old, changeable weather is likely to continue.





## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The anticyclone recently noticed over the Spanish Peninsula, has spread northwards over France and South Germany, but a large area of low readings, 29 in. and less, lies to the southward of Ireland, and the barometer is falling at most of our own northern stations.

The wind is light to moderate from S. or S.W. over the United Kingdom, but is E. by in the Faeroe, and N.E. in Ireland, with a gale at Isafjord. Over France and Germany it is moderate from S. or S.W. Temperature has risen over the

United Kingdom, but fallen somewhat on the Continent. At many of our  
own western and southern stations it is slightly above 50°, but on  
the east of Great Britain it is only a trifle above 40°. Frost prevails  
in Sweden, and has frost in Northern Ireland. The weather  
is cloudy or overcast generally, with rain and mist in several  
parts of the United Kingdom. Snow is falling in the Færie and  
Eastern Ireland. The sea is moderate or slight generally, but  
rather rough off the mouth of the Channel and the south-west  
of Ireland.

### GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS

There are no indications of any material change in the general conditions. Cyclonic systems are again appearing over the upper part of the North Atlantic, and a S.W. type of

weather will therefore continue to prevail over the United Kingdom, with a temperature in excess of the normal.



## DAILY WEATHER REPORT.

Thursday 28th December 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- turb- ance.
	Lat. N.	Long. W.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.		Sea.	
														Dry Bulb.	Wet Bulb.		
	°	°	In.				°	°	In.				°	°	°		
27 <sup>th</sup> Dec. 3pm.	49	8	30.07	W	4-5	<u>Sapland</u>	27 <sup>th</sup> Dec. 6pm.	49	6	30.10	W	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.	46	42		Hrs.	In.
Dublin (City), to 4 p.m.	43	35	b. of. r. g. o. g.	*	0.14	Seaford, to 6 p.m.	50	40	o. c. m.	0.2	-
Blackpool, to 9 p.m.	45	37	c. o. o. r.	0.5	0.07	Eastbourne, to 6 p.m.	51	41	*	0.7	0.04
Southport, to 9 p.m.	45	39	o. b. c. o. r.	0.4	0.14	Bexhill-on-Sea, to 9 p.m.	46	41	b. c. o.	1.5	-
Rhyl, to 6 p.m.	44	35	r. o. r.	0.0	0.12	Hastings ...	*	*	*	3.3	*
Colwyn Bay, to 6 p.m.	45	40	b. c. o.	0.0	0.04	Folkestone, to 6 p.m.	49	40	r. b. c. b. c. m.	4.9	0.02
Llandudno, to 9 p.m.	50	41	o. r. c. o. p.	0.0	0.03	Deal, to 6 p.m.	51	37	o. p. g. c. b. c. s.	4.3	0.05
Bettws y-Coed, to 6 p.m.	44	35	b. r.	0.0	*	Ramsgate, to 6 p.m.	*	*	*	4.0	0.12
Aberystwyth, to 6 p.m.	46	38	*	0.0	0.14	Margate, to 6 p.m.	45	40	*	3.0	0.06
Plymouth, to 9 p.m.	52	47	o. p. d. o. d.	0.0	0.31	Felixstowe, to 6 p.m.	45	37	*	3.9	0.09
Paignton, to 6 p.m.	50	46	b. c. o. d. l.	0.0	0.18	Lowestoft, to 6 p.m.	43	35	o. c. b. r. b.	2.0	0.46
Torquay, to 6 p.m.	50	47	*	0.0	0.14	Skegness, to 6 p.m.	41	32	r. c. m.	4.4	0.16
Teignmouth, to 9 p.m.	52	47	b. f. r.	0.0	0.15	Scarborough, to 9 p.m.	45	38	b. c.	3.5	0.04
Weymouth, to 6 p.m.	48	46	m. d. m.	0.0	0.04	Harrogate, to 6 p.m.	43	35	o. r. b. c. c. o.	3.3	0.15
Bournemouth, to 6 p.m.	45	42	o. d.	0.0	0.02	Buxton, to 6 p.m.	40	34	c. r. c.	0.0	0.53
Southsea, to 6 p.m.	46	41	*	0.0	0.30	Darwen, to 9 p.m.	42	35	o. r. g. b. o. r.	0.0	0.06
Worthing, to 6 p.m.	45	41	c.	0.1	-	Manchester, to 9 p.m.	43	37	o. o. f. o. o. r.	0.0	0.07
						Birmingham, to 9 p.m.	43	36	c. o. r.	0.3	0.08

## 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.				28th 12th Dec. 1911.	Sunrise	Noon	Sunset
24 HOURS ENDED AT 9 A.M. TO-DAY.											
	%	%				In.	Hrs.		G.M.T.	G.M.T.	G.M.T.
Greenwich (Royal Obsy.) ...	90	97	47	38	b. 0. om. om	0.04	0.3	Yarmouth ...	{ 8.6	11.55	3.44
City (Banhill Row) ...	*	*	*	*	*	*	0.0				
Westminster (St. James's Pk.)	94	96	50	37	bc. 0. or. om	0.07	0.1	Greenwich ...	{ 8.8	12.2	3.56
Camden Sq. (Brit. Rainfall)	-	100	47	37	bc. or. f	0.08	0.4				
Hampstead (Reservoir) ...	*	100	45	37	bc. om. of of	0.10	1.8	Wick ...	{ 9.5	12.14	3.23
								Valencia... ..	{ 8.51	12.43	4.36
24 HOURS ENDED AT 6 P.M. YESTERDAY.											
South Kensington ...	*	*	50	39	or. 0. sm. b. cm	{ trace	0.1				
" " (Roof of M.O.)	83	96	50	41							

## 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 ...	-	66	52	c. b.	Rome ...	-	55	35	b. c.
Marseilles ...	-	54	48	b. r.	Vienna ...	-	45	34	b. c.
Malta ...	-	60	55	c. o.	Utrecht ...	0.63	46	37	c. c.
Algiers ...	-	64	54	c. b.	Zürich ...	0.24	*	*	r. c.
Tunis ...	0.04	64	55	b. o.	Geneva ...	0.24	*	*	r. o.
Palermo ...	0.16	61	51	c. o.	Lugano ...	-	*	*	o. o.

Note.—The information relating to weather is indicated by the following letters—b. blue sky; bo. sky half clouded; c. sky three parts clouded; d. drizzling rain; o. 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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1911.

## DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

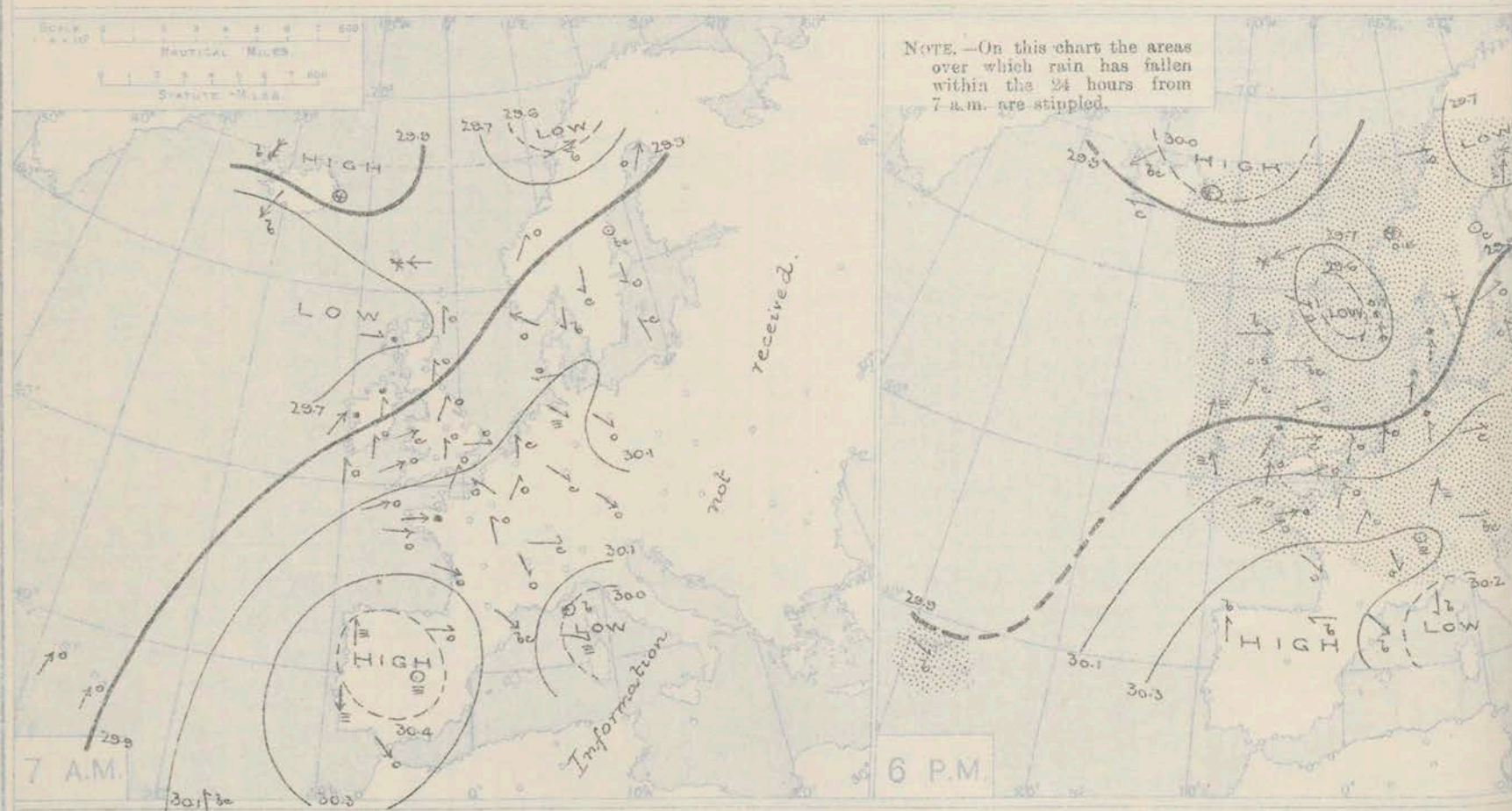
Friday

29th December 1911.

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.						
	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. 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	29.61	43	WNW	2	0	29.61	+0.7	40	-4	ENE	2	0	2	0.07	44	39	0.2	sm	sm	sm			
	Stornoway	29.82	43	W	4	0	29.90	-0.3	39	-8	W	1	0	1	0.01	48	37	0.2	acdp	cdp.b	bc.o			
	Castlebay (Barra Isd.)	29.85	47	NW	2	bc	29.84	-0.3	46	-2	SE	4	4	5	0.53	48	41	0.1	r	r.o.bc	bc.m			
	Malin Head	29.85	47	SW	1	c	29.82	-0.1	47	-2	SE	3	4	2	0.36	50	45	0	sm	sm	cg			
	Blacksod Point	29.86	51	SSW	5	m	29.82	0.0	50	-2	SSW	5	m	4	0.31	53	49	0	sm	sm	sm			
	Valencia	30.00	52	SSE	4	m	29.94	-0.1	49	-2	SSE	4	m	4	0.03	53	48	0.0	mg	mg	sm			
	Roche's Point	30.05	50	WSW	3	0	30.02	0	48	-3	SW	3	0	3	trace	51	48	0	sm	og	0			
	Birr Castle	29.95	52	SW	2	0	29.93	0	49	-3	SW	1	0	0	0.02	53	48	0.0	0	op	0			
	Donaghadee	29.89	50	WSW	2	r	29.94	-0.1	49	+1	SSW	2	r	1	0.26	54	47	0	c	org	org			
	Liverpool Obsy.	29.94	50	SW	4	0	30.02	+0.2	47	+2	WSW	2	0	2	0.21	52	45	0.6	0.0	c.or	0			
	Holyhead	29.97	50	SW	4	ogdp	29.98	0.0	49	-1	SW	4	0	3	0.03	50	47	0	sm	ogpm	sm			
	Pembroke (St. Ann's Hd.)	30.07	49	SSW	4	0	30.06	-0.1	48	-2	SW	3	og	5	0.02	51	48	0.0	ogm	ogq	ogp			
	Newquay	30.15	50	SW	2	0	30.11	0	48	-1	SW	2	og	3	0.01	50	48	0.0	0	0	op.s			
	Scilly (St. Mary's)	30.15	51	WSW	4	sm	30.10	-0.4	48	-3	SW	4	ogme	4	0.01	51	47	0.0	sm	sm	sm			
	Jersey (St. Aubin)	30.24	49	WSW	5	sm	30.20	0	50	-1	W	4	sm	3	0.03	53	48	0.3	ogm	sm	ogdp			
	Portland Bill	30.14	50	WSW	5	0	30.13	0.0	50	-1	W	4	0	3	0	51	49	0.0	0	0	0			
	Dungeness	30.05	49	SW	4	0	30.07	0	48	+2	WSW	4	0	3	trace	51	45	0.0	sm	od	0.0.0			
	Dover	30.07	48	SW	3	bc	30.11	0	47	+3	WSW	1	0	2	0.01	50	44	0.0	r.0	0	bc.0			
	Wick	29.75	46	WSW	2	c	29.96	+0.6	39	-4	NW	1	og	1	0.02	46	37	0	sm	bc.op	c.bc.og			
	Nairn	29.79	43	W	1	c	29.93	0	36	-6	W	0	0	1	0.18	46	35	0.0	r	0	c			
Aberdeen	29.77	42	W	2	bc	29.99	+0.5	38	-3	W	1	0	2	0.39	43	37	0.0	sm.f	r.f.bc	b.bc.0				
Leith	29.84	46	NW	1	r	29.97	+0.3	41	-3	SSE	1	sm	0	0.04	53	36	0	od	ogp	sm				
North Shields	29.91	50	WSW	1	0	30.00	+0.2	47	+6	W	0	r	2	0.03	53	38	0.0	sm	r.0	0.r				
Spurn Head	29.88	47	WSW	6	c	29.98	+0.1	45	+4	W	3	rm	3	0.05	48	39	0	sm	og	at.odm				
Yarmouth	29.98	48	SSW	2	0	30.03	+0.4	47	+7	W	2	or	1	0.02	49	39	0.0	bc.0	of	opm				
Clacton-on-Sea	30.02	48	WSW	4	0	30.06	+0.1	47	+4	WNW	2	0	2	0.05	49	42	0.0	ogdm	sm.og	og.0				
Nottingham	29.96	51	W	4	c	30.03	0	49	+6	SW	1	r	0	0.03	53	42	0.0	sm	sm.c	c.0				
Bath	30.11	47	W	0	0	30.11	0	49	-1	SW	1	0	0	0	52	44	0.1	0	0	0				
Oxford	30.08	49	WSW	5	0	30.11	0	48	+2	SW	2	sm	0	trace	52	46	0	0	0	0				
London (Kew Obsy.)	30.09	50	WSW	3	0	30.11	+0.2	48	+4	SW	1	0	0	trace	52	44	0.0	sm.c	0	0				
ICELAND & FAEROE.	Isafjord	29.97	29	NE	0	bc	29.82	0	30	+2	NE	2	0	0	0	0	0	0	0	0	0			
	Reykjavik	29.81	31	E	0	c	29.72	-0.4	32	+2	E	7	0	0	0	0	0	0	0	0	0			
	Seydisfjord	30.04	23	W	0	0	30.06	-0.3	22	0	W	0	0	0	0	0	0	0	0	0	0			
	Thorshavn	29.80	33	ENE	7	0	30.04	+0.1	35	+2	E	3	0	0	0	0	0	0	0	0	0			
SCANDINAVIA.	Haparanda	29.62	31	SW	6	0	29.50	-0.2	25	-5	SW	4	bc	0	0.04	22	25	0	0	0	0			
	Hernösand	29.80	25	W	0	c	29.70	+0.1	28	0	NNW	2	0	0	0	0	28	21	0	0	0			
	Stockholm	29.93	32	WSW	2	0	29.78	-0.3	31	-1	WSW	2	0	0	0	0	34	30	0	0	0			
	Wisby	29.97	37	S	2	0	29.75	+0.4	34	0	S	2	0	0	0.04	37	32	0	0	0	0			
	Karlstad	29.89	34	S	2	0	29.79	+0.2	33	+4	W	0	0	0	0.08	34	28	0	0	0	0			
	Färder (Xlania Fjord)	29.85	38	SSW	4	r	29.75	+0.5	36	+5	SSE	2	0	3	0.20	39	30	0	0	0	0			
	Boö	29.72	33	W	6	0	29.62	+1.0	35	-1	N	6	0	3	0	36	32	0	0	0	0			
	Christiansund	29.75	35	W	0	0	29.89	+0.9	35	-2	NE	1	0	3	0.59	37	32	0	0	0	0			
	Skudesnaes	29.62	40	S	8	r	29.84	+0.1	38	-1	SW	6	0	4	0.67	40	37	0	0	0	0			
	The Scaw (Skagen)	29.86	39	SSW	4	r	29.72	+0.4	38	+2	S	4	r	1	0.24	39	34	0	0	0	0			
Blaavands Huk	29.80	39	SSW	6	r	29.74	+0.7	44	+10	NW	5	r	4	0.43	44	34	0	0	0	0				
GERMANY, &c.	Cuxhaven	29.97	39	S	3	r	29.81	+0.6	45	+8	NW	3	0	0	0.28	45	37	0	0	0	0			
	The Helder	29.93	44	SSW	5	0	30.02	+0.7	44	+6	NW	2	0	3	0.04	46	36	0	0	0	0			
	Brussels	30.08	47	W	3	r	30.10	+0.1	46	+10	WSW	1	r	0	0.04	48	36	0	0	0	0			
	Berlin	30.13	36	W	2	c	30.04	-0.8	42	+6	SW	5	0	0	0.16	42	32	0	0	0	0			
	Frankfurt	30.13	38	SW	4	f	29.99	+0.2	46	+5	SW	3	r	0	0.04	46	37	0	0	0	0			
	Munich	30.28	36	W	3	bc	30.06	-0.6	44	+9	W	6	0	0	0.04	45	34	0	0	0	0			
FRANCE.	C. Gris Nez	30.20	49	W	6	0	30.10	+0.1	48	+5	W	4	0	4	0.04	50	43	0	0	0	0			
	La Hève	30.23	46	SSW	4	0	30.17	0	45	-3	SW	4	f	4	0.04	50	38	0	0	0	0			
	Brest (St. Mathieu)	30.30	49	WSW	3	0	30.22	-0.1	49	0	SW	4	0	5	trace	54	48	0	0	0	0			
	Lorient (Bec Melen)	30.27	50	NNW	2	0	30.22	0	49	-2	SW	3	0	3	0	54	46	0	0	0	0			
	Rochefort (Ile d'Aix)	30.33	51	NW	3	0	30.29	0	50	-2	W	3	0	0	0	54	50	0	0	0	0			
	Biarritz	30.39	51	E	1	0	30.29	0	43	-11	SE	3	0	2	0	54	41	0	0	0	0			
	Paris	30.23	50	WNW	3	0	30.23	+0.1	47	+5	WSW	2	0	0	0.04	51	41	0	0	0	0			
SPAIN, PORTUGAL, &c.	Belfort	30.31	39	W	0	m	30.24	0	45	+13	W	6	r	0	0.12	49	32	0	0	0	0			
	Lyons	30.32	44	NNW	1	0	30.31	0	44	+2	SSW	1	f	0	0.24	48	42	0	0	0	0			
	Nice	30.13	47	N	1	0	30.13	-0.8	44	-6	E	1	0	0	0	57	43	0						



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



## NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° and upwards over the major part of the United Kingdom, but in the north of Scotland it scarcely exceeded 45°. At a large majority of our stations there was a complete

absence of bright sunshine. Rain fell in nearly all districts, but in the south of England the amount was too slight for measurement.

## WEATHER PROSPECTS.

FORECASTS FOR THE 24 HOURS NOON

FRIDAY

TO NOON SATURDAY.

0 { a } Variable breezes, finally S.E.<sup>ly</sup>; dull,  
b } misty, rain in places; normal  
1 } temperature.

2 { a } Light to moderate S.W.<sup>ly</sup> and S.E.<sup>ly</sup>  
b } winds; mild, dull, misty, slight  
3 } rain in places.

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

No warning issued

6 { a } S.W. and S.E.<sup>ly</sup> winds, moderate or fresh; mild  
b } dull, misty, occasional rain.

7 { a }  
b } S.W. and S.E.<sup>ly</sup> winds, freshening;  
8 { a } mild, dull, misty, occasional  
b } rain.

9 { a }  
b }

10 { a }  
b }

11 WESTERN CHANNEL AND BAY.

Moderate to fresh S.W.<sup>ly</sup> winds, with a moderate to rather rough sea; dull, misty, slight rain in places; mild

### THE FURTHER OUTLOOK.

Districts 2 to 10.

Mild, humid weather is likely to continue.



The general distribution of pressure remains unaltered. A large anticyclone lies over France and Spain the lowest pressures being found over the extreme north of Scandinavia. Another low pressure system over the northern part of the Atlantic appears to be spreading eastwards, and is occasioning a slight fall of the barometer on our own western coasts.

The wind is light to moderate from E. or S.E. over the United Kingdom generally, but is S.W. or S.E. in Ireland

and the west of Scotland; in Iceland and the Faerie it is chiefly  
E.S. Temperature has risen somewhat over England, but  
fallen in Ireland and Scotland. Over the greater part of  
England and Ireland the thermometer ranges between 48° and  
50°, but in the north of Scotland the readings are below 40°.  
Frost prevails at some of the Swedish stations and sharp  
frost in Iceland. Dull, misty weather prevails over  
western Europe generally, with rain in many isolated localities.  
Snows falling at Christiansund. The sea is moderate to smooth  
generally, but rather rough at Castlebay, Pembroke and Brest.

The Atlantic low pressure system appears likely to spread slowly eastwards over the United Kingdom, and to produce a continuance of the present mild S.W. to

type of weather. Cloud and mist are probable in all districts, with occasional slight falls of rain.



## DAILY WEATHER REPORT.

Friday 29th December, 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- tur- bance.
	Lat. N.	Long. W.		Dir.	Force.			Lat. N.	Long. W.		Dir.	Force.		Air.	Dry Bulb.	Wet Bulb.	
	*	*	In.				*	*	In.				*	*	*		

## 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. ...	49	42	*	0.0	0.22
Dublin (City), to 4 p.m. ...	54	43	opg. o	*	0.02	Seaford, to 6 p.m. ...	49	42	r.f.o.c	0.0	0.19
Blackpool, to 9 p.m. ...	49	41	or o. or	0.0	0.26	Eastbourne, to 6 p.m. ...	50	42	*	0.0	0.15
Southport, to 9 p.m. ...	49	41	or f. c. v	0.0	0.13	Bexhill-on-Sea, to 9 p.m. ...	51	42	c. c	0.0	0.07
Rhyl, to 6 p.m. ...	52	36	o. r. c	1.8	0.04	Hastings ...	*	*	*	0.0	*
Colwyn Bay, to 6 p.m. ...	54	43	bc	1.7	0.04	Folkestone, to 6 p.m. ...	50	41	or. sm	0.0	0.08
Llandudno, to 9 p.m. ...	53	43	op. or	0.0	0.06	Deal, to 6 p.m. ...	51	38	agd. o	0.0	0.03
Bettws-y-Coed, to 6 p.m. ...	41	31	r	0.0	*	Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.02
Aberystwyth, to 6 p.m. ...	50	42	*	0.0	0.12	Margate, to 6 p.m. ...	51	39	o	0.0	0.03
Plymouth, to 9 p.m. ...	53	50	op. or. or	0.0	-	Felixstowe, to 6 p.m. ...	50	36	*	0.0	0.03
Paignton, to 6 p.m. ...	52	47	c	0.0	-	Lowestoft, to 6 p.m. ...	49	36	c. second	0.0	0.02
Torquay, to 6 p.m. ...	52	48	*	0.0	-	Skegness, to 6 p.m. ...	49	39	tm. c	0.0	0.04
Teignmouth, to 9 p.m. ...	54	48	o. c	0.0	-	Scarborough, to 9 p.m. ...	50	39	o	0.0	0.06
Weymouth, to 6 p.m. ...	52	47	mg. o. c	0.0	0.05	Harrogate, to 6 p.m. ...	50	38	st	0.0	0.03
Bournemouth, to 6 p.m. ...	52	42	o	0.0	-	Buxton, to 6 p.m. ...	48	38	cr. c. or	0.0	Trace
Southsea, to 6 p.m. ...	52	41	*	2.2	0.23	Darwen, to 9 p.m. ...	48	38	or. or	0.0	0.19
Worthing, to 6 p.m. ...	50	42	c. o	0.0	0.22	Manchester, to 9 p.m. ...					
						Birmingham, to 9 p.m. ...	50	40	r. o	0.0	0.04

## 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.				29th Dec. 1911.	Sunrise	Noon	Sunset
Greenwich (Royal Obey.) ...	87	92	52	46	0	In.	0.0	Yarmouth ... { 8.6 11.55 3.46	G.M.T.	G.M.T.	G.M.T.
City (Banhill Row) ...	*	*	*	*	*	*	0.0				
Westminster (St. James's Ph.)	83	90	52	47	on. m	-	0.0				
Camden Sq. (Brit. Rainfall)	85	90	52	46	b. 0	-	0.0				
Hampstead (Reservoir) ...	*	96	49	45	or. 0	- *	0.0				
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Wick ... { 9.5 12.14 3.24			
South Kensington ...	*	*	52	42	0.0 or. or. or. 0		0.09				
" (Roof of M.O.)	79	87	52	42			*				
24 HOURS ENDED AT 6 P.M. YESTERDAY.								Valencia... { 8.51 12.45 4.37			

## 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 ...	In.	*	*		Rome ...	In.	*	*	
Marseilles ...					Vienna ...				
Malta ...					Utrecht ...				
Algiers ...	Information not received.				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.



1911.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday,  
30th December 1911.

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.	Night. 6 p.m. to 7 a.m.			
BRITISH ISLANDS.	Lerwick	30.02	40	ESE	3	c	29.58	-07	45	+5	SE	7	r	5	0.66	45	38	0.0	bc	c	rg		
	Stornoway	29.71	43	S	5	r	29.73	+07	46	+7	SW	4	c	4	0.57	48	38	0.0	adm	adm	adm		
	Castlebay (Barra Isd.)	29.70	49	S	4	r	29.80	+05	48	+2	W	3	bc	4	0.56	49	44	0.0	r. d	md. r	r. o. bc		
	Malin Head	29.75	49	S	6	o	29.86	+05	45	-2	SW	3	cm	3	0.02	50	41	+	sm	smg	smg		
	Blacksod Point	29.73	49	S	7	m	29.94	+02	49	-1	SW	5	o	4	0.31	50	46	+	sm	sm	sm		
	Valencia	29.87	50	S	4	rg	30.05	+03	47	-2	SSW	1	o	5	0.30	52	44	0.0	md	md	c. sm		
	Roche's Point	29.97	49	SW	3	odpm	30.07	+	42	-6	W	1	c	3	0.10	50	41	+	sm	sm	df. o		
	Birr Castle	29.88	53	SW	2	o	30.00	+	43	-6	SSW	2	o	+	0.14	53	43	0.4	c	c. o	op		
	Donaghadee	29.88	47	SSW	3	o	29.94	+04	44	-5	SSW	2	c	1	0.16	49	43	+	o. cg	sm	bc		
	Liverpool Obsy.	30.00	45	S	2	bc	30.01	+03	46	-1	WSW	4	c	2	0.09	50	44	0.0	or	c	bc		
	Holyhead	29.95	48	SW	5	opm	30.00	+04	47	-2	W	4	b	3	0.25	49	45	+	r. dgm	o. cpm	r		
	Pembroke (St. Ann's Hd.)	30.02	47	SSW	4	o	30.04	+02	49	+1	SW	2	df	4	0.05	50	47	0.0	og	og	og		
	Newquay	30.03	48	SW	3	o	30.09	+	49	+1	SW	2	of	2	-	49	47	0.0	o	o	ofm		
	Scilly (St. Mary's)	30.06	49	SSW	4	ogm	30.08	00	50	+2	SW	4	om	4	-	50	47	0.0	ogm	ogm	ogm		
	Jersey (St. Aubin)	30.19	48	SW	3	ogm	30.19	+	49	-1	WSW	4	ogm	3	-	50	46	0.0	ogm	ogm	ogm		
	Portland Bill	30.13	49	WSW	3	c	30.11	+01	48	-2	WSW	3	c	3	Trace	51	47	0.0	dp	o. c	o. c		
	Dungeness	30.12	49	WSW	4	c	30.07	?	48	0	WSW	5	o	3	-	49	47	0.0	c	c	o		
	Dover	30.14	47	SW	1	o	30.11	+	46	-1	W	3	o	4	-	49	46	0.0	o	o	o		
	Wick	29.85	44	SSE	6	o	29.70	+05	43	+4	NW	1	bc	2	0.22	46	39	+	og	otm	otm. bc		
	Nairn	29.82	42	-	0	r	29.74	+	45	+9	W	2	c	1	0.44	46	36	0.0	+	r	r. c		
	Aberdeen	29.93	44	SSE	4	r	29.76	+06	44	+6	WSW	3	b	2	0.61	46	37	0.0	of. m	otm	ot. c. b		
	Leith	29.91	48	SSW	1	o	29.86	+06	46	+5	W	3	bc	+	0.31	50	36	+	ot	odm	o. c		
	North Shields	29.96	48	SE	2	o	29.88	+02	47	0	WSW	3	c	2	0.08	49	42	0.0	-	-	-		
	Spurn Head	30.02	46	SSW	3	f	29.96	00	44	-1	SW	5	c	4	0.16	47	42	+	f	f	cm. o. c. b		
Yarmouth	30.09	45	SW	1	cm	30.03	-01	46	-1	SW	3	o	2	0.05	49	45	0.0	om	om	om. o			
Clacton-on-Sea	30.10	46	SSW	1	o	30.06	+01	46	-1	WSW	2	o	2	Trace	50	45	0.0	ogm	ogm	og			
Nottingham	30.03	48	SW	3	o	30.01	+	44	-5	SSE	1	o	+	0.02	50	44	0.0	d. sm	om	o			
Bath	30.11	47	SW	2	o	30.09	+	48	-1	SW	2	o	+	-	50	46	0.0	-	-	-			
Oxford	30.10	46	SSW	3	o	30.10	+	47	-1	SW	2	og	+	-	49	45	+	o	o	o			
London (Kew Obsy.)	30.12	49	WSW	2	o	30.11	+01	48	0	WSW	2	o	+	-	51	47	0.0	om	om	o			
ICELAND & FAEROE.	Isafjord	29.55	36	E	3	c	29.08	+	33	+3	-	0	bc	+	+	+	+	+	+	+			
	Reykjavik	29.34	25	E	7	o	29.04	00	38	+6	S	3	b	+	+	+	+	+	+	+			
	Seydisfjord	29.77	32	NE	2	o	29.19	-04	38	+16	-	0	bc	+	+	+	+	+	+	+			
	Thorshavn	29.87	41	ESE	7	r	29.45	-04	41	+6	NNW	2	o	+	+	+	+	+	+	+			
SCANDINAVIA.	Haparanda	29.68	19	NNW	6	o	30.06	+12	9	-16	NE	4	b	+	-	36	19	?	+	+	+		
	Hernösand	29.96	26	NNW	2	o	30.16	+08	23	-5	-	0	b	+	-	28	19	?	+	+	+		
	Stockholm	29.94	28	NW	2	o	30.14	+06	22	-9	NNW	2	b	+	Trace	32	21	?	+	+	+		
	Wishy	29.90	36	N	6	o	30.11	+06	32	-2	N	6	bc	+	?	37	30	?	+	+	+		
	Karlstad	30.09	23	N	2	b	30.26	+04	17	-16	NW	2	b	+	0.08	34	16	+	+	+	+		
	Färder (X'tania Fjord)	30.10	33	N	5	b	30.23	+01	27	-9	ENE	2	b	1	-	36	27	+	+	+	+		
	Bodö	29.95	31	N	4	b	30.04	-01	29	-6	WSW	2	b	1	?	35	23	+	+	+	+		
	Christiansund	30.13	34	-	0	c	30.04	-01	30	-5	ESE	1	b	3	0.16	35	28	+	+	+	+		
	Skudesnaes	30.08	36	SSE	2	c	29.98	-08	37	-1	SE	8	o	4	-	38	34	+	+	+	+		
	The Scaw (Skagen)	30.10	35	NE	4	b	30.19	+01	32	-6	SE	2	o	0	-	39	32	+	+	+	+		
Blaavands Huk	30.10	39	-	0	o	30.09	-01	36	-8	SSE	3	m	2	-	44	34	+	+	+	+			
GERMANY, &c.	Cuxhaven	30.10	42	NW	1	o	30.12	-01	38	-7	SE	3	o	+	-	45	37	+	+	+	+		
	The Helder	30.13	42	S	1	o	30.03	-02	45	+1	SSW	3	o	3	Trace	45	42	+	+	+	+		
	Brussels	30.19	46	SW	1	r	30.16	00	44	-2	SW	2	o	+	0.16	47	43	+	+	+	+		
	Berlin	30.06	39	NW	3	c	30.19	+02	37	-5	NW	1	o	+	Trace	46	37	+	+	+	+		
	Frankfurt	30.15	47	SW	1	f	30.18	+04	45	-1	SW	3	f	+	Trace	48	45	+	+	+	+		
	Munich	30.20	42	W	6	r	30.26	-01	41	-3	SW	3	o	+	0.12	45	39	+	+	+	+		
FRANCE.	C. Gris Nez	30.15	49	N	5	o	30.10	-00	46	-2	SW	6	o	4	-	50	45	+	+	+	+		
	La Hève	30.19	45	SW	4	o	30.17	+	42	-3	SSW	3	o	2	-	48	39	+	+	+	+		
	Brest (St. Mathieu)	30.18	48	SSE	4	o	30.21	00	48	-1	SW	2	o	5	-	54	46	+	+	+	+		
	Lorient (Bec Melen)	30.26	49	S	2	o	30.24	+	45	-5	SE	1	o	+	-	52	45	+	+	+	+		
	Rochefort (Ile d' Aix)	30.26	49	E	2	b	30.24	+	39	-4	E	2	m	2	-	55	36	+	+	+	+		
	Biarritz	30.22	51	E	2	b	30.24	+	39	-4	E	2	m	2	-	55	36	+	+	+	+		
	Paris	30.25	47	SW	2	o	30.22	+01	44	-3	SW	2	o	+	-	50	44	+	+	+	+		
	Belfort	30.28	40	W	4	o	30.28	+	39	-6	-	0	o	+	Trace	45	36	+	+	+	+		
SPAIN, PORTUGAL, &c.	Lyons	30.30	46	NNW	1	o	30.26	+	42	-2	N	1	o	+	-	50	41	+	+	+	+		
	Nice	30.11	47	-	0	o	30.12	+02	44	0	E	1	bc	1	-	54	43	+	+	+	+		
	Perpignan	30.16	50	SW	1	b	30.12	00	43	-7	SW	2	b	+	-	68	39	+	+	+	+		
	Sanguinaire	30.12	51	SSW	3	bc	30.08	+	52	0	SE	3	m	2	-	57	45	+	+	+	+		
	Corunna	30.11	52	E	1	bc	30.14	+	46	-4	E	1	b	+	-	+	+	+	+	+	+		
Lisbon (8 a.m. local)	30.11	52	E	1	bc	30.14	+	46	-4	E	1	b	+	-	+	+	+	+	+	+			
Gibraltar	30.11	52	E	1	bc	30.14	+	46	-4	E	1	b	+	-	+	+	+	+	+	+			
Azores (P. Delgada)	30.07	61	SW	5	o	30.02	00	62	+10	SSW	4	o	3	-	?	?	+	+	+	+			
Azores (Horta)	30.07	61	SW	5	o	30.02	00	62	+10	SSW	4	o	3	-	?	?	+	+	+	+			
Madeira (Funchal)	30.07	61	SW	5	o	30.02	00	62	+10	SSW	4	o	3	-	?	?	+	+	+	+			

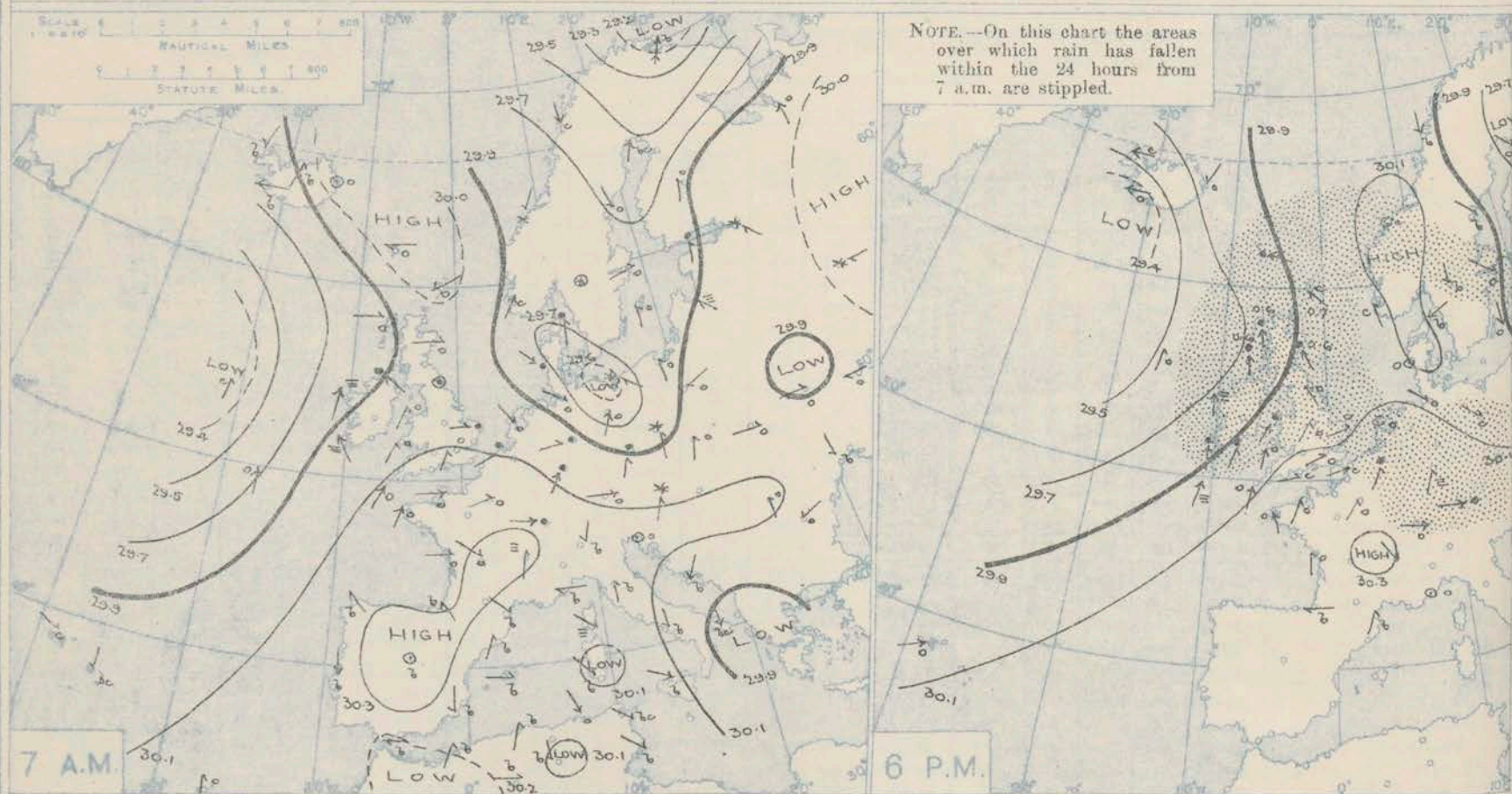
\* Information for these columns not usually received.

† 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. YESTERDAY.



## NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer again rose to 50° or slightly above it in many parts of the United Kingdom. At a large majority of our stations there was a complete absence of bright sunshine. A considerable

fall of rain was experienced in the north of Scotland, and smaller quantities in the west and north generally. Wireless reports show that as far west as the 20th meridian ships experienced light to moderate S.W. winds, and fair weather.

## WEATHER PROSPECTS.

### FORECASTS FOR THE 24 HOURS NOON SATURDAY

### TO NOON SUNDAY

- 0 { a } W. winds, fresh or strong in places; mild, changeable, some showers  
 { b }
- 1 { W. and S.W. winds, light; fair generally, but slight showers locally; rather cooler.
- 2 { a }  
 { b }
- 3 { W. and S.W. winds, light or moderate; mild, cloudy, misty in places.
- 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 } S.W. to S. winds, moderate or fresh; fair at first, some rain later; continuing mild  
 { b }
- 7 { a } S.W. winds, light or moderate; mild, cloudy, misty in places.  
 { b }
- 8 { a }  
 { b }
- 9 { a } S.W. to S. winds, moderate or fresh; fair at first, some rain later; continuing mild.  
 { b }
- 10 { a }  
 { b }

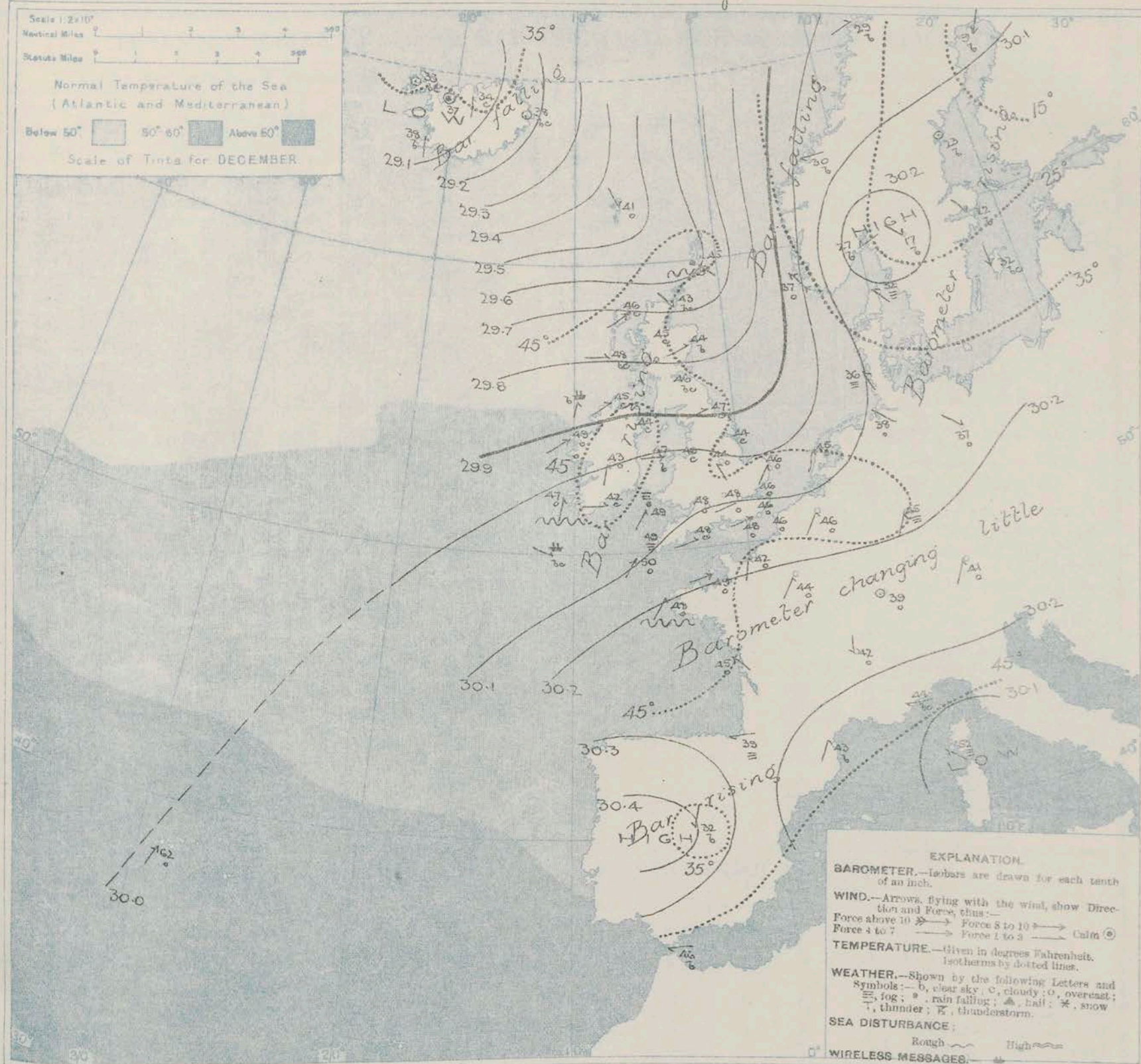
### 11 WESTERN CHANNEL AND BAY.

Moderate to fresh S.W. winds, and a moderate sea; mild, cloudy, misty in places.

### THE FURTHER OUTLOOK.



# SYNOPTIC CHART FOR 7 A.M. Saturday, 30<sup>th</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression noticed yesterday over the upper portion of the Atlantic is moving northwards, the lowest pressures being now found over Iceland. Over the western portions of the Continent the distribution of pressure has become anticyclonic.

Light to moderate breezes from N. or S.W. continue to prevail over the United Kingdom and the adjacent portions of the Continent. In Shetland and on the eastern side of the North Sea the wind is S.W., with a gale at Skudesnæs.

Temperature has risen over North Britain, but fallen in nearly all other parts of our area: observation. In the south and extreme west of these islands the morning readings are very little below 50°, but at several of our northern and eastern stations the thermometer is below 45°. Sharp frost prevails in Scandinavia. The weather is fine in Scotland and Scandinavia, but cloudy or overcast elsewhere, with mist in places. Rain is falling in Shetland. The sea is moderate or slight generally, but rather rough at Lerwick, Valencia and Brest.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

There are no indications of any immediate change in the general conditions. The Atlantic depression is moving northwards, but will probably be followed by other disturbances.

advancing from the westward, so that the mild South-Westerly type of weather in these islands is likely to continue.



## DAILY WEATHER REPORT.

Saturday, 30th December 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.		Sea.	
														Dry Bulb.	Wet Bulb.		
	*	*	In.				*	*	In.					*	*	*	
30th Dec. 4a.m.	50	9	30.02	WNW	4-5	<u>Veneronice</u>	30th Dec. 7a.m.	50	10	30.02	WNW	1-3	bc	-	-	-	
do. 4a.m.	55	11	29.79	SSW	1-3	<u>Isoperian</u>	do. 7a.m.	55	9	29.85	SSW	1-3	b	-	-	-	
29th Dec. 3p.m.	55	17	29.46	SSW	1-3	<u>do.</u>	29th Dec. 6p.m.	55	16	29.51	SSW	1-3	o	-	-	-	
do. 3p.m.	49	12	29.67	SSW	4-5	<u>Philadelphia</u>	do. 6p.m.	49	10	29.93	SSW	4-5	m	-	-	-	
do. 4a.m.	49	17	29.64	S	4-5	<u>do.</u>	do. 7a.m.	49	16	29.68	S	4-5	o	-	-	-	
do. 4a.m.	54	21	29.28	SSW	1-3	<u>Isoperian</u>	do. 7a.m.	54	20	29.33	SSW	1-3	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.	49	48	*	0.0	
Dublin (City), to 4 p.m.	52	48	o.c.g. cm	*	Trace	Seaford, to 6 p.m.	49	47	r.o.r	0.0	0.01
Blackpool, to 9 p.m.	49	44	r. o	0.0	0.19	Eastbourne, to 6 p.m.	50	48	*	0.0	0.01
Southport, to 9 p.m.	50	43	bc. r. o. cm	0.0	0.26	Bexhill-on-Sea, to 9 p.m.	49	48	o.e. o	0.0	-
Rhyl, to 6 p.m.	51	45	bc. r. o	0.2	0.06	Hastings	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	51	47	bc. c	0.2	-	Folkestone, to 6 p.m.	49	47	o.c. o	0.0	-
Llandudno, to 9 p.m.	51	45	or. o c. b	0.4	0.08	Deal, to 6 p.m.	50	47	og. o	0.0	-
Bettws-y-Coed, to 6 p.m.					*	Ramsgate, to 6 p.m.	*	*	*	0.0	-
Aberystwyth, to 6 p.m.	50	47	*	0.0	0.02	Margate, to 6 p.m.	51	46	*	0.0	-
Plymouth, to 9 p.m.	51	48	oh. og. al	0.0	-	Felixstowe, to 6 p.m.	49	43	*	0.0	-
Paignton, to 6 p.m.	50	43	c	0.0	-	Lowestoft, to 6 p.m.	49	46	op. om	0.0	0.04
Torquay, to 6 p.m.	51	49	*	0.0	-	Skegness, to 6 p.m.	48	46	m. o	0.0	0.08
Teignmouth, to 9 p.m.	51	49	c. bc. c	0.7	-	Scarborough, to 9 p.m.	46	44	ogf	0.0	0.02
Weymouth, to 6 p.m.	51	48	p. b. c. o	0.0	0.01	Harrogate, to 6 p.m.	48	42	or. o	0.0	0.21
Bournemouth, to 6 p.m.	50	47	o	0.0	-	Buxton, to 6 p.m.	47	45	c. r. c	0.0	-
Southsea, to 6 p.m.	50	48	*	0.0	-	Darwen, to 9 p.m.	49	43	od. q. og	0.0	0.58
Worthing, to 6 p.m.	49	47	c. o	0.0	-	Manchester, to 9 p.m.	49	43	o	0.0	0.04
						Birmingham, to 9 p.m.	50	45	or. of. c. o	0.0	0.36

## 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.				30th Dec. 1911.	Sunrise	Noon	Sunset	
	24 HOURS ENDED AT 9 A.M. TO-DAY.											
Greenwich (Royal Obs.) ...	% 83	% 92	50	46	o	In.	Hrs. 0.0	Yarmouth ... .. {	8.6	11.56	3.46	
City (Bunhill Row) ... ..	%	%	%	%	%	%	0.0					
Westminster (St. James's Pk.)	53	87	51	47	m. bc	-	0.0					
Camden Sq. (Brit. Rainfall)	82	88	51	46	o	-	0.0					
Hampstead (Reservoir) ...	*	91	48	44	o	-	0.0	Greenwich ... .. {	8.8	12.3	3.58	
South Kensington ...	* 86	* 86	24 HOURS ENDED AT 6 P.M. YESTERDAY.				0.01					0.0
			51	48	om. o	{						
			52	48								
" " (Roof of M.O.)								Wick ... .. {	9.5	12.15	3.24	
								Valencia... .. {	8.51	12.44	4.87	
									8.51	12.44	4.87	

## 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.	73	50	b. b	Rome	-	55	35	b. b
Marseilles	-	57	39	b. b	Vienna	-	39	32	c. 5
Malta	-				Utrecht	0.08	48	34	r. o
Algiers	-	68	54	b. b	Zürich	-	*	*	o. o
Tunis	-	63	46	b. bc	Geneva	-	*	*	o. o
Palermo	-	60	50	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.

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.



Dec. 1911.

# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,  
31st December 1911.

STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.									
	Barom.	Temp.	Wind.	Force	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.	Sea (0 to 9).	Rain-fall.	Temp.			Sun-shine.	Weather.						
															Max.	Min.	Hours		Morn'g. 7 a.m. to 1 p.m.	Aftern'd. 1 p.m. to 5 p.m.	Night. 5 p.m. to 7 a.m.				
BRITISH ISLANDS.																									
Lerwick	29.88	47	SW	3	c	29.88	-0.1	47	+2	SW	5	r	4	0.13	47	44	0.3	cp	cp	om					
Stornoway	29.91	48	WSW	3	o	30.01	+0.6	49	+3	S	5	cg	4	0.01	49	46	0.3	o.c	c.o	odg					
Castlebay (Barra Isd.)	29.96	49	SSW	4	o	30.06	+0.3	48	0	SW	3	o	4	0.16	49	46	1.1	bc	om	om					
Malin Head	30.01	46	W	2	bc	30.08	+0.4	44	-1	S	4	r	3	0.02	48	42		bc	bc	om					
Blacksod Point	30.03	49	S	5	o	30.08	+0.1	50	+1	S	5	o	4	0.27	50	47		om	om	om					
Valencia	30.13	43	SSE	3	c	30.21	+0.1	49	+2	SSE	4	dm	4	0.01	50	46	0.6	om	om	om					
Roche's Point	30.17	44	WNW	1	m	30.27	*	46	+4	SW	1	f	3	0.03	46	41	*	om	om	om					
Birr Castle	30.12	43	S	2	c	30.17	*	43	0	SSW	2	o	*	0.01	48	37	1.5	c.b	c	om					
Donaghadee	30.12	44	SSW	2	bc	30.19	+0.2	43	-1	SSW	3	o	2	-	46	41	*	bc	bc	om					
Liverpool Obsy.	30.18	45	SW	1	bc	30.28	+0.2	45	-1	SSE	2	o	0	-	49	34	1.0	om	bc	om					
Holyhead	30.15	46	SSW	1	bc	30.26	+0.1	46	-1	S	4	o	3	-	49	45	*	om	bc	om					
Pembroke (St. Ann's Hd.)	30.17	47	WSW	1	c	30.20	+0.2	48	-1	W	2	o	3	0.01	50	43	2.4	fd	bc	c					
Newquay	30.18	51	SW	2	dm	30.33	*	49	0	SW	1	of	2	0.16	51	49	0.0	om	om	om					
Scilly (St. Mary's)	30.19	51	WSW	2	fr	30.31	+0.2	50	0	SW	2	om	3	0.09	51	49	0.0	fe	fr	fr					
Jersey (St. Aubin)	30.24	48	SSW	3	om	30.37	*	48	-1	SW	3	odgw	3	0.01	51	47	0.0	om	om	om					
Portland Bill	30.19	50	WSW	2	om	30.33	+0.3	49	+1	-	0	m	2	Trace	50	48	0.0	a	om	om					
Dungeness	30.15	49	NW	3	og	30.30	+0.3	41	-7	NW	3	f	2	-	49	38	0.0	c	og	c					
Dover	30.17	48	W	1	m	30.34	*	37	-9	W	1	f	2	Trace	50	36	0.4	c.c	c.b.c	bc					
Wick	29.96	46	WSW	2	b	29.99	+0.2	45	+2	WSW	2	bc	4	0.01	47	40	*	c.b	bc	om					
Nairn	29.97	44	W	1	b	29.99	*	45	0	W	3	o	1	0.05	47	40	0.0	c	bc	om					
Aberdeen	30.03	43	SW	2	c	30.10	+0.3	44	0	SSW	3	r	2	0.10	47	37	1.0	bc	cg	c.b					
Leith	30.11	47	W	2	o	30.17	+0.2	47	+1	WSW	2	r	*	Trace	48	36	*	c.o	c	o					
North Shields	30.09	46	WSW	2	c	30.22	+0.2	46	-7	SW	2	c	2	-	48	37	0.0	c	c	c					
Spurn Head	30.13	43	WNW	3	c	30.25	-0.0	39	-5	SSW	2	bc	3	-	45	27	*	om	om	om					
Yarmouth	30.14	47	W	2	c	30.31	+0.6	32	-14	SW	1	bf	1	-	50	32	2.3	bc	bc	bc					
Clacton-on-Sea	30.16	47	WNW	1	c	30.33	+0.6	36	-10	WNW	1	f	0	0.01	50	35	0.7	og.c	c	c					
Nottingham	30.15	46	SW	1	b	30.31	*	34	-10	SW	1	om	*	0.01	49	31	0.0	c	om	bc					
Bath	30.22	50	SW	2	o	30.32	*	44	-4	-	0	o	*	-	52	41	0.2	-	-	-					
Oxford	30.23	46	WSW	1	bc	30.37	*	41	-6	SW	2	o	*	0.01	50	41	*	og.c	c	om					
London (Kew Obsy.)	30.19	50	-	0	o	30.35	+0.3	44	-4	SSE	1	fe	*	0.01	52	43	0.1	o	o	om					
Isafjord	29.18	33	NE	5	o	29.40	*	26	-7	-	0	b	*	*	*	*	*	*	*	*					
Reykjavik	29.04	39	S	1	o	29.36	+0.4	35	-3	S	1	o	*	*	*	*	*	*	*	*					
Seydisfjord	29.23	42	SW	1	o	29.26	+0.2	38	0	SW	7	r	*	*	*	*	*	*	*	*					
Thorshavn	29.47	46	W	6	o	29.62	+0.1	47	+6	W	7	o	*	*	*	*	*	*	*	*					
Haparanda	29.98	20	W	4	o	29.82	-1.2	27	+18	SW	2	b	*	-	27	7									
Hernösand	30.21	11	-	0	b	30.04	-0.4	23	0	-	0	o	*	-	23	10									
Stockholm	30.34	19	NW	2	b	30.38	0.0	20	-2	SW	2	bc	*	-	23	16									
Wisby	30.30	32	N	4	bc	30.43	+0.1	28	-4	SSE	4	b	*	-	34	27									
Karlstad	30.35	10	N	2	b	30.36	0.0	17	0	-	0	f	*	-	19	7									
Færder (Xtania Fjord)	30.31	25	NNE	3	m	30.31	-0.2	32	+5	SSW	1	o	2	-	32	25									
Bodö	29.95	30	SSW	2	b	29.54	-1.6	42	+13	SW	7	r	5	-	42	23									
Christiansund	29.96	37	SE	1	o	29.84	-0.4	42	+12	SW	1	o	5	0.04	43	28									
Skudesnaes	30.12	38	SE	6	o	30.19	-0.2	39	+7	SSE	8	o	5	0.04	39	34									
The Scaw (Skagen)	30.26	34	SE	3	o	30.32	0.0	37	+5	SSW	3	o	1	-	37	32									
Blaavands Huk	30.10	36	SE	6	o	30.27	+0.6	38	+2	SSE	4	o	3	0.20	38	32									
Cuxhaven	30.07	42	W	1	o	30.28	+0.5	40	+2	S	3	m	*	0.16	43	38									
The Helder	30.13	44	WNW	2	o	30.34	+0.7	36	-9	SSW	1	f	1	0.04	46	36									
Brussels	30.21	43	WNW	1	f	30.35	+0.6	42	-2	-	0	f	*	Trace	44	41									
Berlin	30.19	36	N	4	o	30.23	+0.1	31	-6	E	3	o	*	0.12	41	31									
Frankfurt	30.14	44	W	3	f	30.33	+0.7	42	-3	-	0	f	*	Trace	46	41									
Munich	30.13	39	W	2	bc	30.34	+0.3	38	-3	NW	3	o	*	0.08	46	37									
C. Gris Nez	30.18	49	W	3	o	30.33	+0.4	43	-3	S	1	f	2	-	50	43									
La Hève	30.21	46	SW	3	o	30.33	*	45	+3	SW	2	f	2	0.16	48	39									
Brest (St. Mathieu)	30.28	49	SW	1	o	30.36	+0.2	46	-2	ESE	1	o	3	-	54	46									
Lorient (Bec Melen)	30.19	50	-	0	o	30.35	*	48	-1	SE	2	o	3	-	54	45									
Rochefort (Ile d'Aix)	30.31	43	ENE	2	o	30.33	*	41	-4	NE	3	o	*	-	48	41									
Biarritz	30.25	41	E	1	m	30.32	*	37	-2	SE	2	m	1	-	48	36									
Paris	30.25	43	-	0	o	30.34	+0.2	43	-1	SW	1	o	*	Trace	44	42									
Belfort	30.23	37	W	6	m	30.33	*	36	-3	E	2	f	*	-	41	36									
Lyons	30.28	41	N	2	o	30.33	*	37	-5	WNW	3	o	*	-	43	37									
Nice	30.14	49	-	0	o	30.03	-0.2	47	+3	-	0	o	1	-	55	43									
Perpignan	30.12	39	W	1	b	30.11	-0.2	50	+13	W	2	b	*	-	70	37									
Sanguinaire																									
Corunna	30.25	57	SE	1	b	30.35	+0.2	43	-3	SSE	1	f	4	-	63	37									
Lisbon (8 a.m. local)	30.24	53	W	1	b	30.23	+0.2	50	+6	NE	1	o	6	-	54	44									
Gibraltar	30.12	60	W	2	c	30.11	*	58	+12	W	2	c	*	-	*	*									
Azores (P. Delgada)	30.12	62	S	4	o	30.11	+0.2	62	+2	S	5	o	4	-	63	60									
Azores (Horta)	29.48	63	SSW	5	o	29.42	+0.2	59	-3	SSW	5	r	2	0.20	63	59									
Madeira (Funchal)	30.24	59	E	3	b	30.24	+0.3	57	0	E	3	b	3	-	66	46									

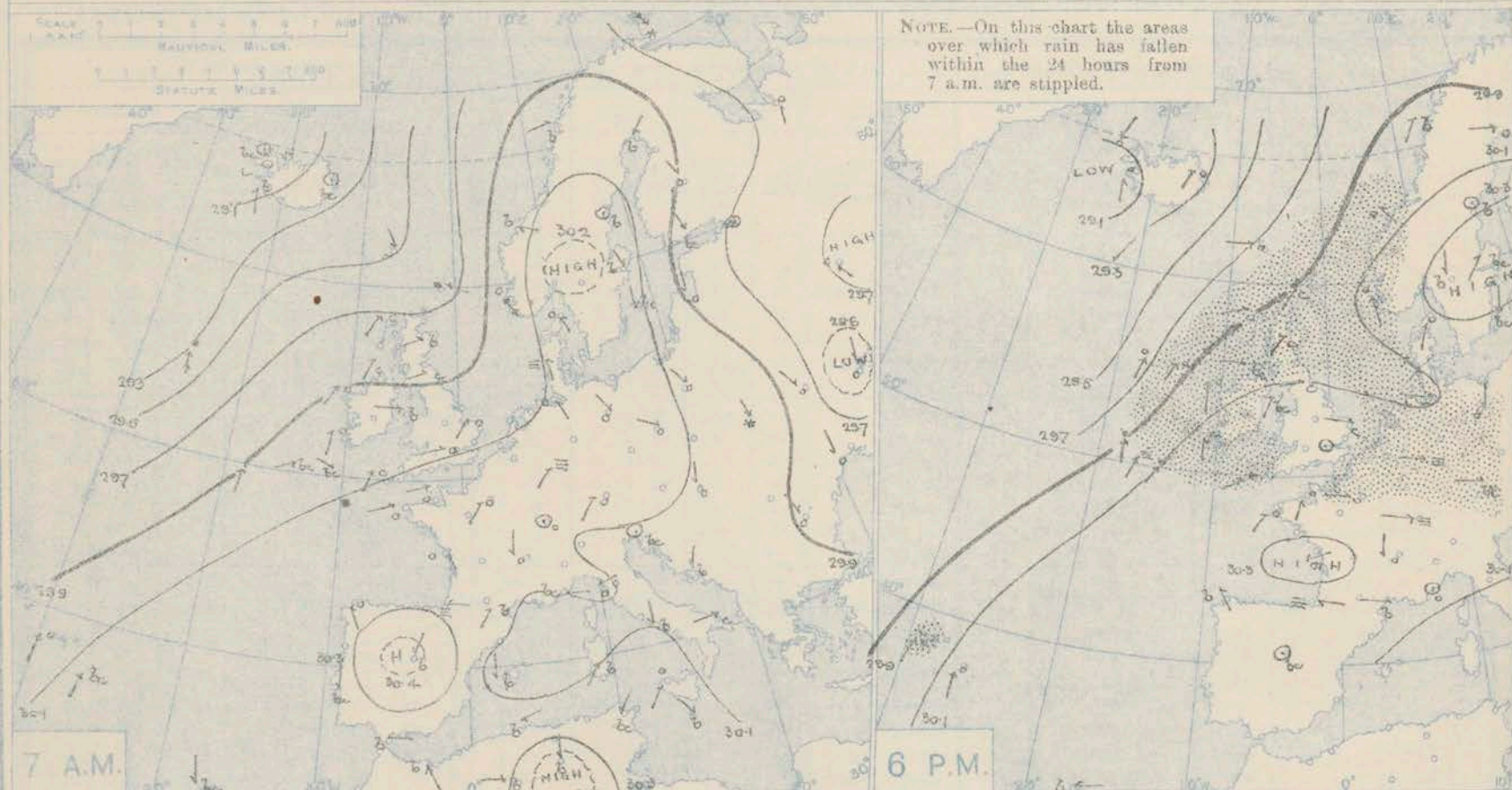
\* Information for these columns not usually received.

† 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. YESTERDAY.



## NOTES ON YESTERDAY'S WEATHER.

During yesterday temperature again rose to 50° or slightly above in several parts of England and Ireland, and except in the central and eastern counties the night was mild. Slight rain has fallen in various parts of the Kingdom as well as in a few localities on the Continent. Rather more than two hours of bright

sunshine was recorded in some places in the west and east of these islands, but as a whole the day was very cloudy. Wireless reports show that fresh to strong winds from between S. and S.W. prevailed as far west as the 17th meridian, and that in lat. 55, long. 24° there was a S.W. gale.

## 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 Coast.

North Coast.

Signals hoisted this morning.

South Coast.

North Coast.

6 {  
a  
b

7 {  
a  
b

8 {  
a  
b

9 {  
a  
b

10 {  
a  
b

11 WESTERN CHANNEL AND BAY.

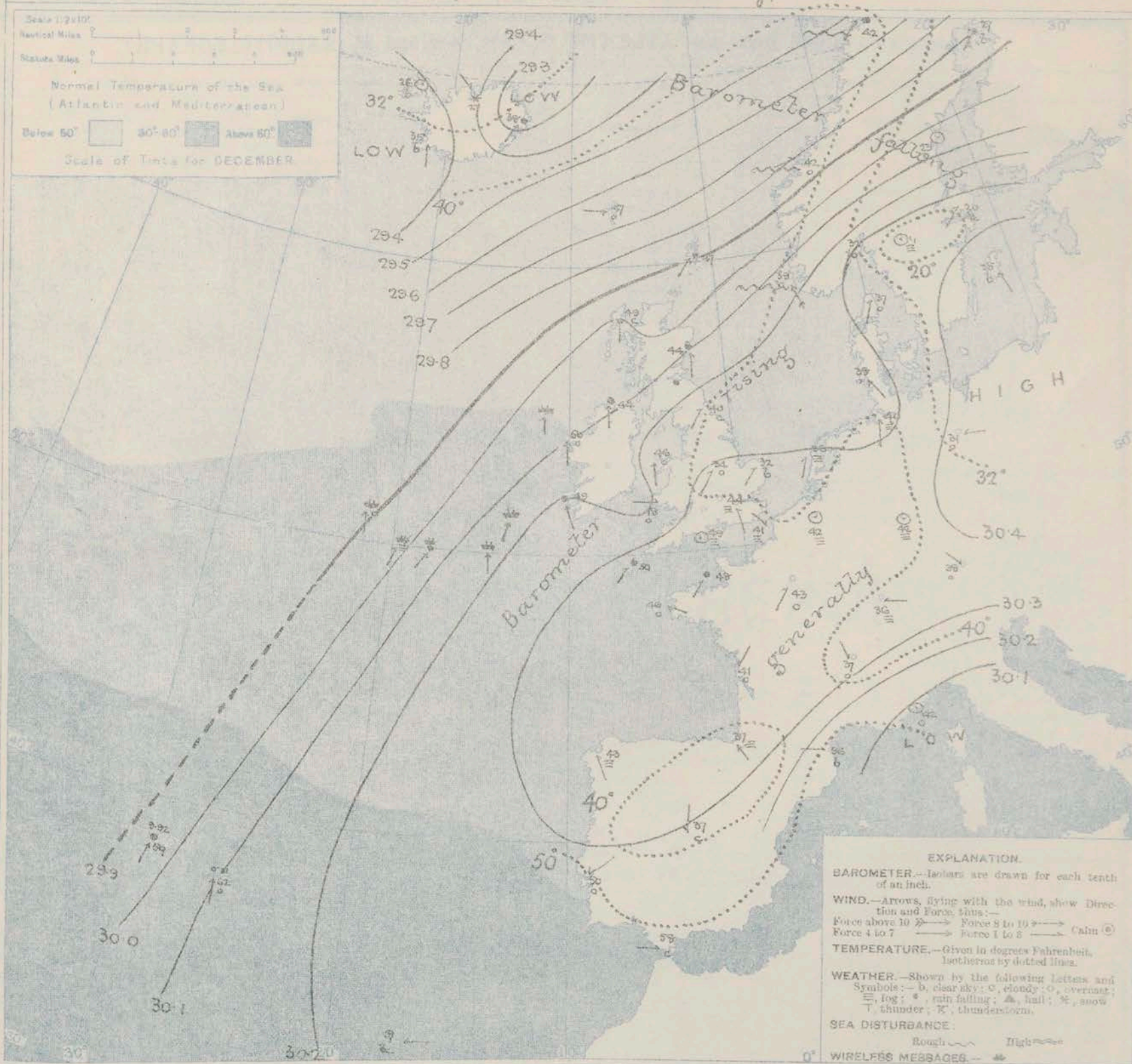
THE FURTHER OUTLOOK.

*None issued.*

*None issued.*



# SYNOPTIC CHART FOR 7 A.M. Sunday, 31<sup>st</sup> DECEMBER 1911.



## NOTES ON THE GENERAL SITUATION AT 7 A.M.

The barometer is above 30.4 in. over the Baltic and Eastern Germany, and above 30.3 in. in a large area extending thence to the north of Spain and Portugal. Some slight irregularities in pressure exist over these islands, and in the north-east of Ireland the readings are below 29.3 in.

The main wind current continues S.W. to S.E. over the United Kingdom, the North Sea, and between these islands and Iceland; it has little force generally but is fresh at Larnach and high at Thorshavn and Seydisfjord. Within the anticyclonic region

on the Continent the wind is light and variable. According to wireless reports a moderate S.W. breeze prevails as far west as the 20th meridian. Temperature has fallen except in Ireland, Scotland and the west and north of Scandinavia. In these islands it ranges from about 50° in the extreme west and southwest to 34° at Southampton and to 32° at Great Yarmouth. Rain is reported at a few scattered places in the west and north of the United Kingdom, rain at Bodø, and rain or snow at some stations in Iceland, while over our area generally the sky is very cloudy or overcast. Fog and mist are prevalent in our northern and eastern coasts and also over the nearer regions of the Continent.

## GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.



## DAILY WEATHER REPORT.

Sunday, 31st December, 1911.

## 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.		Dirac.	Force.			Lat. N.	Long. W.		Dirac.	Force.		Air.	Wet Bulb.	Sea.	
31st Dec. 4 a.m.	50	17	30.01	SW	6-7	Menominee	31st Dec. 7 a.m.	50	18	30.08	SW	6-7	r				
30th - 3 p.m.	55	18	29.47	SSW	6-7	California	30th - 6 p.m.	55	17	29.53	SSW	6-7	o				
" - "	55	12	29.83	SSW	6-7	Empress of Ireland	" - "	55	13	29.78	SW	6-7	o				
" - "	50	15	29.98	SSW	6-7	Montreal	" - "	50	16	29.96	SSW	6-7	m				
" - "	51	16	29.88	S	6-7	Haverford	" - "	51	17	29.86	S	6-7	r				
" - "	50	13	30.03	SSW	4-5	Menominee	" - "	50	14	30.02	SW	6-7	r				
" - "	50	19	29.99	SSW	6-7	Montfort	" - "	50	17	29.86	S	4-5	o				
" - "	50	15	30.05	SSW	6-7	Minnewaska	" - "	50	14	30.12	SSW	4-5	c				
" - 4 a.m.	54	25	29.22	S	8-9	California	" - 7 a.m.	54	24	29.28	S	8-9	r				
" - "	49	19	29.84	SSW	6-7	Minnewaska	" - "	49	18	29.89	SSW	6-7	?				

## 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.				Hrs.	In.	Brighton, to 6 p.m.				Hrs.	In.
Dublin (City), to 4 p.m.	49	45	o.c.b.m.	*	0.05	Seaford, to 6 p.m.	49	47	o.c.o	0.1	-
Blackpool, to 9 p.m.	48	41	r.o.c	0.0	0.11	Eastbourne, to 6 p.m.			*	0.0	-
Southport, to 9 p.m.	47	43	o.b.c.m.	0.1	0.12	Bexhill-on-Sea, to 9 p.m.	50	47	-	0.0	-
Rhyl, to 6 p.m.	51	46	o.c.r	1.2	0.07	Hastings ...	*	*	*	0.0	*
Colwyn Bay, to 6 p.m.	50	44	bc	2.4	0.10	Folkestone, to 6 p.m.	50	45	m.b.c	0.1	-
Llandudno, to 9 p.m.	50	42	bc	2.2	-	Deal, to 6 p.m.	50	46	og.b.c	0.3	-
Bettws-y-Coed, to 6 p.m.						Ramsgate, to 6 p.m.	*	*	*	0.3	-
Aberystwyth, to 6 p.m.	49	46	*	1.0	0.06	Margate, to 6 p.m.	51	47	o	0.0	-
Plymouth, to 9 p.m.	51	48	o.o.d.g	0.0	0.03	Felixstowe, to 6 p.m.	50	44	*	1.3	-
Paignton, to 6 p.m.						Lowestoft, to 6 p.m.					
Torquay, to 6 p.m.			*			Skegness, to 6 p.m.			+ m.b.c	1.0	0.02
Teignmouth, to 9 p.m.	52	48	c.b.c	0.0	-	Scarborough, to 9 p.m.	48	43	o.c	0.0	-
Weymouth, to 6 p.m.	51	48	m.o.c	0.0	-	Harrogate, to 6 p.m.	47	42	sp.c.b.c	0.0	0.04
Bournemouth, to 6 p.m.	51	47	o	0.0	-	Buxton, to 9 p.m.	47	41	o	0.0	0.14
Southsea, to 6 p.m.	52	48	*	0.8	-	Darwen, to 9 p.m.	46	40	ogm.o	0.0	0.17
Worthing, to 6 p.m.	50	47	c	0.1	?	Manchester, to 9 p.m.	48	44	sp.o	0.0	0.15
						Birmingham, to 9 p.m.	50	42	o.m	0.2	-

## 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.				31 Dec. 1911 & 1st Jan. 1912.	Sunrise	Noon	Sunset
	%	%				In.	Hrs.		G.M.T.	G.M.T.	G.M.T.
	24 HOURS ENDED AT 9 A.M. TO-DAY.										
Greenwich (Royal Obsy.) ...	89	100	51	42	o-f	-	0-0	Yarmouth ... ..	8-6	11-56	3-46
City (Bunhill Row) ... ..	*	*	*	*	*	*	0-0		8-6	11-57	3-48
Westminster (St. James's Pk.)	87	92	52	42	o.m.e	-	0-0	Greenwich ... ..	8-8	12-3	3-58
Camden Sq. (Brit. Rainfall)	90	100	51	40	b.o.m	-	0-0		8-8	12-4	4-0
Hampstead (Reservoir) ...	*	100	48	39	of.op.m.om	0-01	0-0	Wick ... ..	9-5	12-15	3-25
									9-5	12-16	3-27
			24 HOURS ENDED AT 6 P.M. YESTERDAY.					Valencia... ..	8-51	12-44	4-37
South Kensington ...	*	*	52	47	} o.og.o	}	-		*	8-51	12-45
" " (Roof of M.O.)	82	99	52	47							

## 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.	70	46	b. b	Rome ...	-	45	35	b. b
Marseilles ...	-	59	37	b. b	Vienna ...	-	46	37	o. o
Malta ...	-	59	54	- b	Utrecht ...	-	48	43	o. o
Algiers ...	-	68	55	b. b	Zürich ...	0.04	*	*	o. c
Tunis ...	-	61	46	a. bc	Geneva ...	-	*	*	b. f
Palermo ...	-	60	38	b. 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.



1911.

Sea.	Sea Disturbance.
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.	.

Rainfall.
In.
-
-
*
-
-
-
-
0.02
-
0.04
0.14
0.17
0.15
-

E, NOON AND TO-DAY

Sunset
G.M.T.
3.46
3.48
3.58
4.0
3.25
3.27
4.37
4.38

OTHER.

6  
0  
0  
C  
f  
b

press in the wrappers.

# ADDITIONS AND CORRECTIONS TO THE DAILY WEATHER REPORT

DECEMBER, 1911.



# ADDITIONS AND CORRECTIONS TO THE

## 1.—REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING, 7 A.M., G.M.T.										PAST 24 HOURS.						
		Barom.	Temp.	Wind.	Force (0 to 12)	Weather.	Barometer.		Temp.	Wind.	Force (0 to 12)	Weather.	Sea (0 to 9).	Rain-fall.	Temp.		Sun-shine.	Weather.					
							At 32° Fahr. and M.S.L. Lat. 45°.	Change since 7 a.m.							Max.	Min.		Morn'g. 7-12 Hours.	Afternoon. 12-18 Hours.	Night. 18-7 Hours.			
1st.	Isafjord	30.25	51	E	3	b	30.22	-.01	50	-.01	SE	3	c	4	0.35	57	39						
	Blarney	30.23	50	N	3	c	30.18	+.01	51	+.01	N	5	c	4	0.35	57	47						
	P. Delgada	30.32	57	W	3	c	30.19	-.02	51	-.02	W	5	c	4	0.35	57	47						
	Funchal	30.15	58	SE	2	f	30.11	+.05	52	+.05	SE	2	c	4	0.35	57	47						
2nd.	Corunna	30.18	56	SE	2	f	30.22	-.01	51	-.01	SE	2	c	4	0.35	57	47						
	P. Delgada	30.17	52	W	2	m	30.17	-.01	50	-.01	W	4	m	2	0.04	53	57						
4th.	P. Delgada	30.23	58	ESE	1	m	30.25	+.01	59	+.01	NW	1	3	0.04	56	52							
	Funchal	30.36	63	N	3	c	30.28	+.01	62	+.01	N	3	c	3	0.04	53	59						
5th.	P. Delgada	30.38	62	WNW	1	c	30.43	+.02	59	+.02	NNE	1	3	Trace	56	52							
	Funchal	30.38	63	NE	3	c	30.34	+.01	63	+.01	NE	3	c	3	0.04	57	46						
6th.	Lisbon	30.13	52	WNW	4	bc	30.24	+.07	50	-.06		0	b	3	0.04	57	57						
	P. Delgada	30.45	58	N	1	c	30.36	-.01	59	0	WNW	2	c	3	0.04	56	50						
	Funchal	30.32	64	N	2	c	30.32	-.01	64	0	N	2	c	3	0.12	59	41						
7th.	Corunna	30.26	51	SSE	1	c	29.95	-.04	48	+.07	SSW	4	c	3	0.16	56	48						
	Lisbon	30.28	51	ESE	1	c	30.22	-.04	50	0	SSW	4	c	3	0.16	56	57						
	P. Delgada	30.32	52	W	5	m	30.32	+.01	62	+.03	W	2	c	3	0.04	58	50						
	Funchal	30.32	65	N	2	c	30.28	-.01	62	+.02	N	2	c	3	0.04	58	50						
8th.	Isafjord	30.22	50				29.95		18	-.14													
	Reykjavik						29.90		18	-.14													
	Seydisfjord						29.92	-.01	27	-.02	W	2	c	3	Trace	30	27						
	Munich						29.89	+.03	29	+.02	WNW	2	c	3	0.12	59	48						
	Corunna	29.94	58	W	3	c	30.12	+.01	52	+.07	SW	3	c	3	0.04	59	50						
	Lisbon	30.12	57	WNW	3	c	30.12	+.01	51	+.07		0	c	3	0.04	59	50						
9th.	P. Delgada	30.33	61	W	1	c	30.31	+.01	62	0		0	c	3	0.04	61	51						
	Isafjord	29.91	51				29.15		26	+.02	N	4	c	3									
	Reykjavik	29.90	27				29.94		23	-.14													
	Seydisfjord	29.96	32	SW	1	b	29.12	-.02	37	0	NE	0	c	3									
	Blarney	29.80	54	SSW	1	b	30.12		50	-.02	W	5	c	3	0.43	58	46						
	Corunna	29.94	58	W	6	c	30.23	+.04	49	-.06	SW	3	c	3	0.16	61	45						
	Lisbon	29.13	58	WNW	5	b	30.26	+.05	52	-.05	N	3	c	3	0.06	61	52						
	P. Delgada	30.34					30.31	-.03	61	-.01	SW	4	c	3	0.08	62	59						
10th.	Isafjord	28.90	34	W	0	c	29.25		40	+.04	E	0	c	3									
	Reykjavik	28.93	37	N	5	c	29.99	+.06	34	+.02	E	3	c	3									
	Seydisfjord	29.13	39	E	5	c	29.26		39	+.02	E	6	c	3									
	Heller	29.62	44	SE	6	c	29.72	-.01	37	0	SSE	5	c	3	0.20	45	36						
	Lorient	29.80	49	W	7	bc	29.41		51	+.06	SSW	8	c	3	0.25	52	45						
	Portsmouth	29.80	49	N	7	bc	30.02		51	+.06	SSW	8	c	3	0.25	52	45						
11th.	Spain Head	29.43	45	SSE	8	c	29.75	-.02	41	-.02	SW	8	c	3	0.24	45	38						
	Isafjord	29.98	40	E	6	c	29.16		36	+.02		0	c	3									
	Reykjavik	29.94	40	E	6	c	29.24		36	+.02	E	0	c	3									
	Seydisfjord	29.90	37	E	4	c	29.50		33	+.03		0	c	3	0.12	39	36						
	Belmont	29.78	37	E	4	c	29.50		33	+.03		0	c	3	0.12	39	36						
	Corunna	29.95	50	SW	5	c	29.94	+.06	53	-.03	WNW	7	c	3	0.59	59	50						
	Lisbon	29.96	55	WNW	5	c	29.19	+.08	52	-.01	WNW	4	c	3	0.59	59	50						
	P. Delgada	30.37	54	NNE	1	c	30.25	-.06	58	-.04	NE	8	c	3	0.04	64	54						
12th.	Isafjord	29.97	37	NE	1	c	29.89		38	+.01	NE	0	c	3									
	Reykjavik	29.98	38	N	7	c	29.06	+.01	39	+.03		0	c	3									
	Seydisfjord	29.99	37	E	7	c	29.25	+.01	36	+.02	E	2	c	3	0.20	37	34						
	Karlskrona	29.79	36	ESE	4	c	29.57		37	+.02	W	7	c	3	0.29	37	45						
	Sanguinaria	29.80	51	W	6	c	29.91		53	-.03	W	7	c	3	0.08	57	48						
	Corunna	30.06	54	WNW	6	c	29.87	-.08	52	-.01	SE	6	c	3	0.08	57	50						
	Lisbon	29.71	58	N	0	c	29.96	-.11	51	-.01	ESE	4	c	3	1.85	57	52						
13th.	P. Delgada	29.71	58	N	0	c	29.72	-.01	58	+.01	WNW	5	c	3									
	Isafjord	29.18	34	NE	8	c	29.49		32	+.02	N	7	c	3									
	Reykjavik	29.16	39	NE	8	c	29.24	+.02	36	+.02		0	c	3									
	Seydisfjord	29.21	37	E	4	c	29.25	+.04	38	+.02		0	c	3									
	Blarney	29.80	54	SE	3	c	29.61		56	+.04	SE	4	c	3	0.24	59	47						
	Lisbon	29.67	56	WNW	5	c	29.75	+.04	58	+.07	SW	5	c	3	0.04	58	51						
	P. Delgada	29.76	56	WNW	5	c	29.79	+.02	58	+.02	W	4	c	3	0.04	58	51						
	Funchal	29.90	62	W	3	bc	29.95	+.05	61	-.03	W	3	c	3	0.04	62	51						
14th.	Shornavey						29.81	+.06	46	0	S	7	c	3	0.02	49	45						
	Castletown						29.27	+.13	47	0	SE	7	c	3	0.05	49	45						
	Isafjord	29.52	32	NE	7	bc	29.58		34	+.04	NE	5	c	3									
	Reykjavik	29.2																					



## REPORTS FOR DECEMBER, 1911.

## 1.—REPORTS RECEIVED TOO LATE FOR INSERTION DAILY, (Continued).

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING 7 A.M., G.M.T.										PAST 24 HOURS.						
		BAROM.	TEMP.	WIND.		WEATHER.	BAROMETER.		TEMP.		WIND.		WEATHER.	Sea (0 to 9).	Rain- fall.	TEMP.		Sun- shine.	WEATHER.				
				Force (0 to 12).	Direc.		At 32° Fabr. and M.S.L. Lat. 45°.	Change since 4 a.m.	Dry Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).				Max.	Min.		Morn'g. 7-12 Hours.	Aftern'n. 12-18 Hours.	Night. 18-7 Hours.		
																						At 32° Fabr. and M.S.L. Lat. 45°.	
23rd	Brest.	29.80	52	SW	8	m	30.19	+0.7	49	-	NW	4	b	5	2.55	55	46	.	.	.			
"	Rochefort	29.89	57	W	6	o	30.17	-	51	-1	NW	4	c	0.12	57	44	.	.	.				
"	Sanguinaires	30.14	54	WNW	4	m	30.08	-	57	+3	S	3	o	0	57	48	.	.	.				
"	Corunna	30.21	63	ESW	6	o	30.22	+0.0	56	-3	WNW	3	o	6	0.34	61	52	.	.	.			
"	P. Delgada	30.04	61	SW	4	o	30.04	+0.2	61	-1	SW	1	c	3	0.12	61	49	.	.	.			
"	Funchal	30.32	64	S	1	b	30.36	+0.2	60	-1	S	1	bc	2	0.12	61	49	.	.	.			
24th	Gibraltar	30.23	56	W	2	b	30.32	-	51	-1	NW	1	b	0	0.28	50	45	.	.	.			
26th	Lorient	29.97	47	W	4	bc	30.03	-	50	+3	WNW	3	o	2	0.28	50	45	.	.	.			
27th	Bay of Biscay	-	-	-	-	-	30.10	-	49	-4	N	0	c	0	0.28	50	44	.	.	.			
"	Bay of Biscay	-	-	-	-	-	29.83	-0.20	48	-0	WNW	5	c	5	0.28	50	44	.	.	.			
"	Bay of Biscay	-	-	-	-	-	29.94	-	54	-0	WNW	5	c	5	0.28	50	44	.	.	.			
"	Lorient	29.87	54	W	6	o	30.00	-	54	-1	NW	6	o	6	0.28	57	43	.	.	.			
"	Sanguinaires	30.10	50	NW	5	c	30.26	+0.0	51	-3	ESE	1	b	3	0.28	61	46	.	.	.			
"	Corunna	30.29	54	WNW	5	o	30.33	+0.4	48	0	N	3	o	6	0.28	57	48	.	.	.			
"	Lisbon	30.42	54	S	4	o	30.00	+0.1	63	+2	S	4	o	4	0.28	61	61	.	.	.			
"	P. Delgada	30.04	64	S	4	o	30.00	+0.1	63	+2	S	4	o	4	0.28	61	61	.	.	.			
28th	Lyon	30.05	46	NW	2	r	30.23	-	42	-5	WNW	1	o	0	0.59	49	42	.	.	.			
"	P. Delgada	29.91	63	S	6	m	29.88	+0.2	61	-2	SSW	5	o	4	0.04	64	?	.	.	.			
"	Funchal	30.22	61	SSE	3	bc	30.20	-0.1	59	+2	SSE	3	bc	3	0.04	68	48	.	.	.			
29th	P. Delgada	29.95	57	NW	1	r	30.06	+0.5	53	-8	N	2	bc	2	0.28	64	53	.	.	.			
"	Funchal	30.16	60	S	3	bc	30.44	+0.3	59	0	S	3	o	3	0.28	64	53	.	.	.			
30th	Lorient	30.20	49	S	3	o	30.20	-	49	0	S	3	o	2	0.28	52	45	.	.	.			
"	Corunna	30.25	60	SE	1	b	30.26	-0.0	46	0	SE	2	b	3	0.28	63	47	.	.	.			
"	Lisbon	30.22	57	N	3	c	30.23	+0.1	44	-1	N	3	bc	6	0.28	55	44	.	.	.			
"	P. Delgada	30.18	59	WSW	2	b	30.14	+0.2	60	+7	SSW	4	bc	3	0.28	61	53	.	.	.			
"	Funchal	30.18	59	N	3	bc	30.21	+0.3	57	-2	N	3	bc	3	0.28	64	46	.	.	.			

## 2.—CORRECTIONS.

1st	Burr Castle	.	.	.	.	.	.	.	45	-6	.	.	.	.	.	.	.	.	.	.
2nd	North Shields	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3rd	Malin Head	.	46	.	.	.	29.62	.	.	.	.	.	.	.	.	.	.	.	.	.
4th	Burr Castle	.	.	.	.	.	29.70	.	49	+3	.	.	.	.	.	.	.	.	.	.
5th	Dungeness	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
15th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21st	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22nd	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23rd	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30th	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31st	Blackhead Point	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

## DURATION AND EXTREME FORCE OF GALES ON BRITISH COASTS.

14th	Spurn Head.	10am - 7am	Extreme	SSE	9 at 8 p.m.	Additions.
14th	Castellon.	7pm - 2am	do.	ESE	8.	
6th	Malin Head	7am - 2pm.				Corrections.
7th	Blackhead Point	8am - 8pm				
"	Kerr.	Squall. 49 mph at 4 a.m.				



# WIRELESS TELEGRAMS.

## ADDITIONS AND CORRECTIONS- DECEMBER, 1911.

ADDITIONS.																		
5th 19th	Dec. 7th 10am " 13th 4am	51 49	11 13	29.80 28.90	NW W	6-7 8-9	Montrose Menominee	Dec. 7th 1pm " 13th 7am	51 49	10 12	29.80 29.08	NW W	6-7 8	bc o				
CORRECTIONS.																		
1st.	Nov. 30th 3pm			29.86			Lake Champlain	Nov. 30th 6pm					4-5					
"	"						Oceanic	" " 7am		26								
2nd.	Dec. 1st 3pm			29.81		4-5	Olympic											
3rd.	" 3rd "			29.65			Lake Champlain	Dec. 3rd 7am			29.68							
"	" 2nd 6pm			29.50			Marquette	" 2nd 6pm			29.58							
"	" 4am			29.22				" 7am			29.34							
"	" 3rd "			29.35			Cameronia	" 3rd "			29.37							
"	" 2nd 3pm	54	17	28.53	WSW	10-11	Butte not Laramie	" 2nd 6pm	54	17								
"	" 4am	54	20				Victoria	" 7am	54									
"	"						Olympic											
4th.	" 3rd 3pm			29.76			Marquette	Dec. 3rd 6pm			29.82	WNW						
"	" 4am				WNW		Vanderland	Dec. 3rd 7am		7								
"	"	6					Marquette	"		12	29.33							
5th.	" 4th 3pm	54	13	29.48			Virginian	" 4th 6pm			29.48							
"	" 4am			29.87			Marquette	" 7am			29.82							
"	"				W		do											
7th.	"						Montfort	Dec. 6th 7am			29.81							
10th.	"						Montrose	" 10th 7am					6					
"	"						Ascania	" 9th 6pm						bc				
11th.	Dec. 10th 3pm				NNW	4-5	Canada	" 10th 6pm				NNW	4-5					
12th.	" 12th 4am		15				Cymric	" 10th 6pm										
"	Dec. 11th 4am					8-9	Campagna	Dec. 11th 7am	50	17								
14th.	" 14th "		16				Munneapolis	"		17								
15th.	" 13th 3pm		11				Montcalm	"										
"	"						Cedric	Dec. 13th 6pm				E	8					
16th.	Dec. 15th 4am			29.28			Carthaginian	" 14th "						c				
17th.	"						Victorian	" 7am			29.29			c				
18th.	"						Megantic	" 15th "					6-7					
19th.	Dec. 19th 2am	50	24				Haverford	" 18th 6pm										
20th.	"						Campagna	"										
"	"						do	"										
22nd.	" 21st "				WNW	6-7	Haverford	"										
"	"			29.58			Empress of Ireland	Dec. 21st 7am	50		29.62							
23rd.	"						Lake Michigan	" 21st "			29.01							
24th.	Dec. 23rd 3pm			29.21			do	" 23rd 6pm			29.13							
"	" 4am			29.19			Cameronia	" 7am			29.21							
27th.	" 26th "					1-3	do	"										
"	"						Laurentic	" 26th 7am		20								
31st.	"						Saxonia	" 30th 6pm		19								
"	"						Montfort	"										