

METEOROLOGICAL OFFICE.

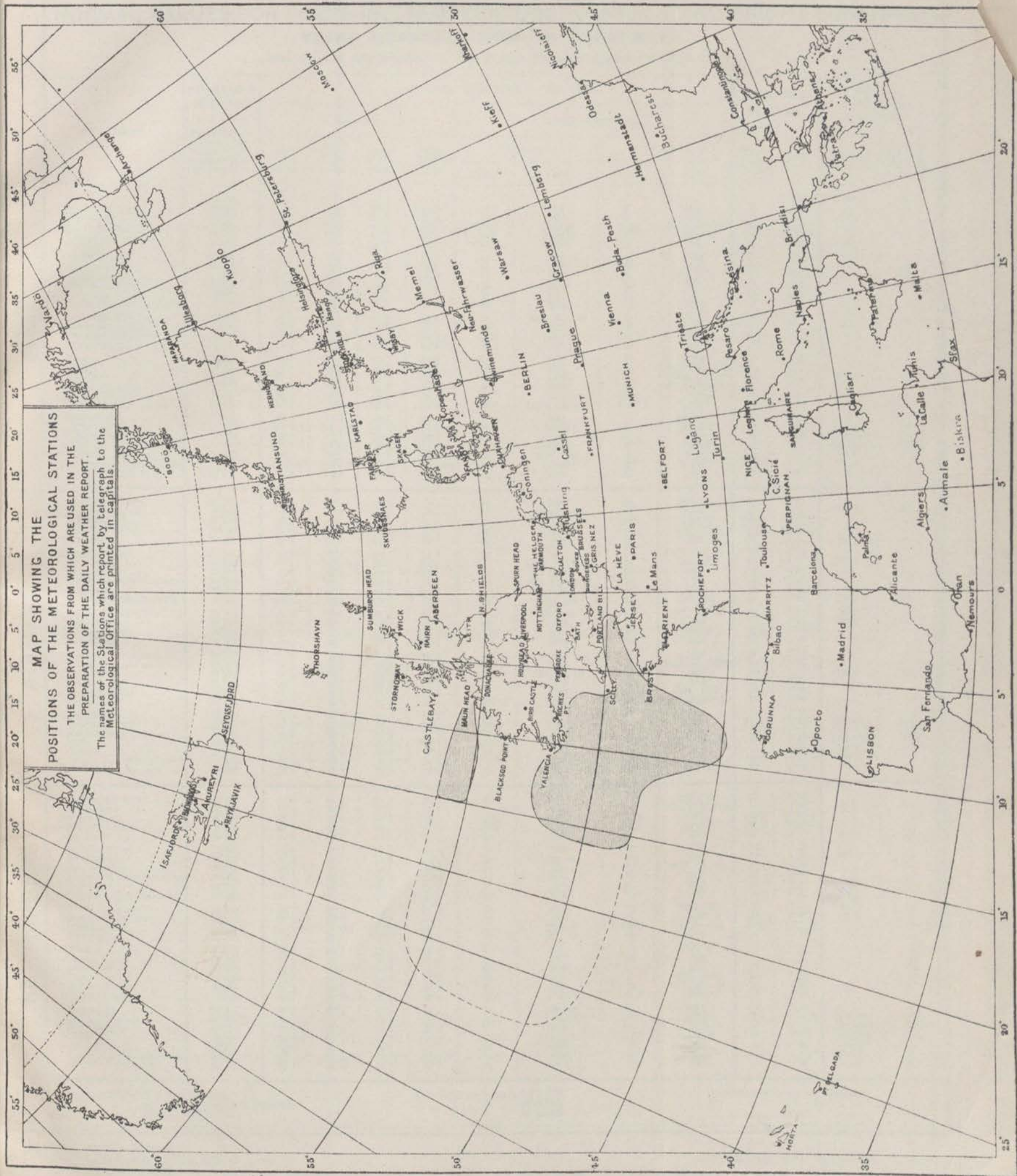
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DAILY WEATHER REPORTS.

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1<sup>ST</sup> JULY TO 31<sup>ST</sup> DECEMBER. 1909.





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 dotted 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 July 1st.)

	STATIONS.	PRESSURE. 1871-1905.  8 a.m. Observations (reduced to M.S. Level, but not to Lat. 45°).	AIR TEMPERATURE. 1871-1905.								RAINFALL. 1871-1905.		BRIGHT SUNSHINE. 1881-1905.					
			Means of				Absolute Extremes.											
			Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.		Minimum.									
							Temp.	Year.	Temp.	Year.	Days with Rain.	Total Fall.	Average Duration.	Per Centage of Possible Duration.				
JULY.	Sumburgh Head	Inches.	53° 2	51° 5	57° 4	48° 3	70	1897	37	1888	18	Inches.	Hours.	%				
	29° 817		53° 2	51° 5	57° 4	48° 3	70	1897	37	1888	21	2° 40	—	—				
	Stornoway		55° 3	53° 5	59° 5	49° 0	78	1894	32	1888	21	3° 03	143° 8	27				
	29° 834		56° 2	54° 1	61° 0	53° 3	[75]†	[1887]†	[42]†	[1888, 1902]†	[20]†	[2° 89]†	—	—				
	Malin Head		57° 8	55° 3	62° 3	53° 9	[80]†	[1894]†	[42]†	[1898]†	[21]†	[3° 02]†	—	—				
	29° 882		59° 2	56° 6	64° 0	53° 9	80	1878	42	1898	20	3° 88	153° 5	31				
	Blackod Point		59° 2	56° 6	64° 0	53° 9	80	1878	42	1898	20	3° 88	153° 5	31				
	29° 908		59° 2	56° 6	64° 0	53° 9	80	1878	42	1898	20	3° 88	153° 5	31				
	Valencia		59° 2	56° 6	64° 0	53° 9	80	1878	42	1898	20	3° 88	153° 5	31				
	Roche's Point		59° 1	56° 2	65° 7	53° 8	84	1876	45	1888	15	3° 06	—	—				
	29° 967		58° 1	55° 1	60° 5	51° 7	89	1876	37	1889	17	3° 02	139° 0	—				
	Birr Castle		57° 3	55° 4	63° 4	52° 0	81	1870	40	1883, 1902	18	2° 97	—	28				
	29° 915		59° 5	55° 6	66° 1	54° 4	89	1873	44	1877	16	2° 90	—	—				
	Liverpool (Observatory)		58° 4	56° 1	63° 7	54° 1	85	1901	43	1888	15	2° 59	—	—				
	29° 937		58° 2	56° 3	62° 7	55° 0	80	1878	45	1888	15	2° 55	206° 1	42				
	Holyhead		60° 8	58° 3	65° 0	56° 6	75	1889, 1901, 02	48	1875	16	2° 38	218° 6	45				
	29° 902		62° 6	59° 2	68° 8	56° 8	90	1873	45	1902	13	2° 30	249° 8	52				
	Jersey (St. Aubin's)		[60° 7]†	[58° 4]†	[66° 1]†	[56° 2]†	[79]†	[1901]†	[49]†	[1900]†	[10]†	[1° 50]†	—	—				
	29° 021		62° 0	58° 7	67° 1	56° 0	82	1900	40	1890	12	1° 67	—	—				
	Dungeness		55° 8	53° 6	61° 7	48° 9	81	1876	30	1886	18	2° 74	—	—				
	29° 845		56° 9	53° 7	64° 6	50° 1	88	1876	37	1886, 97, 98, 1903	18	2° 77	—	—				
	Wick		57° 5	53° 8	63° 7	50° 7	88	1876	38	1888, 1903	17	2° 90	163° 1	31				
	29° 849		58° 4	55° 0	66° 7	51° 5	90	1876	41	1881, 88, 92, 1903	16	2° 77	—	—				
	Nairn		58° 3	55° 2	64° 5	52° 1	85	1876	40	1885	15	2° 66	—	—				
	29° 804		59° 7	56° 7	65° 3	55° 1	[84]*	[1881, 1900]*	[44]*	[1888]*	13	1° 82	—	—				
	Aberdeen		61° 0	57° 7	66° 4	55° 0	87	1881	42	1872, 90	14	2° 65	—	—				
	29° 878		[61° 0]†	[57° 7]†	[66° 4]†	[55° 0]†	[82]†	[1905]†	[40]†	[1902]†	[9]†	[1° 09]†	[258° 2]†	[52]†				
	Leith		60° 9	57° 1	70° 8	52° 2	92	1876	37	1888	16	2° 60	[229° 8]†	[46]†				
	29° 804		[61° 7]†	[57° 6]†	[67° 1]†	[54° 5]†	[91]†	[1876]†	[41]†	[1881]†	13	2° 67	[222° 6]†	[45]†				
	North Shields		60° 3	56° 7	70° 4	53° 6	90	1876, 1900	41	1888	13	2° 56	202° 9	41				
	29° 897		[61° 2]†	[56° 0]†	[67° 6]†	[53° 3]†	[81]†	[1905]†	[52]†	[1905]†	[9]†	[1° 15]†	181° 0	37				
	Spurn Head		62° 3	57° 8	72° 9	54° 4	85	1881	41	1877	13	2° 38	—	—				
	29° 924																	
AUGUST.	Sumburgh Head		53° 3	51° 6	57° 5	48° 4	69	1880	38	1885, 95	19	3° 17	—	—				
	29° 778		54° 7	53° 2	60° 2	49° 0	75	1897, 99	33	1888	21	3° 08	134° 3	29				
	Stornoway		56° 3	54° 2	61° 6	53° 7	[80]†	[1900]†	[43]†	[1891]†	[21]†	[3° 51]†	—	—				
	29° 794		58° 0	55° 4	62° 3	54° 0	[78]†	[1899]†	[42]†	[1887, 88]†	[23]†	[4° 18]†	—	—				
	Malin Head		59° 3	56° 8	64° 4	54° 1	81	1899	42	1890	22	5° 14	153° 1	34				
	29° 838		58° 9	56° 4	65° 4	54° 0	80	1880	44	1883, 1903, 04	17	4° 19	—	—				
	Blackod Point		57° 1	55° 0	65° 8	51° 3	82	1893, 98, 1900	35	1885, 87	18	3° 07	143° 0	32				
	29° 877		56° 8	55° 2	62° 7	52° 2	78	1899	38	1886	19	3° 45	—	—				
	Valencia		58° 6	55° 3	65° 5	54° 3	85	1876, 84, 93, 99	44	1885	17	3° 08	—	—				
	Roche's Point		58° 5	56° 4	63° 8	51° 5	83	1893	45	1883	16	3° 23	—	—				
	29° 933		58° 7	56° 7	63° 1	55° 7	78	1874, 99	47	1885, 88	16	3° 06	193° 5	43				
	Birr Castle		61° 0	58° 8	65° 2	57° 1	75	1893, 99	50	1885, 90, 95	17	2° 83	228° 4	59				
	29° 916		63° 1	59° 7	69° 0	57° 3	89	1893	45	1890	15	2° 54	243° 0	55				
	Donaghadee		[58° 8]†	[57° 4]†	[65° 3]†	[56° 0]†	[78]†	[1901]†	[49]†	[1904]†	[15]†	[2° 72]†	—	—				
	Liverpool (Observatory)		62° 0	58° 9	67° 5	56° 5	82	1904	39	1890	13	1° 98	—	—				
	29° 906		55° 3	53° 3	61° 2	48° 5	85	1893	30	1886	19	2° 74	—	—				
	Holyhead		56° 7	53° 0	63° 8	49° 6	80	1899	33	1885, 91, 1904	19	2° 65	—	—				
	29° 879		56° 5	53° 3	62° 9	50° 0	81	1880, 82, 99	33	1885	18	3° 08	152° 7	33				
	Pembroke (St. Ann's Hd.)		58° 2	54° 5	66° 0	51° 3	85	1893	37	1874	17	2° 89	—	—				
	29° 931		57° 2	54° 5	64° 0	51° 6	83	1893	39	1892, 1902	16	2° 84	—	—				
	Scilly (St. Mary's)		59° 0	56° 7	64° 8	54° 9	[87]*	[1893]*	[46]*	[1887, 90, 1900, 2]*	14	2° 06	—	—				
	29° 962		60° 5	57° 4	66° 2	54° 7	85	1893	41	1902	14	2° 43	—	—				
	Jersey (St. Aubin's)		[61° 7]†	[57° 8]†	[67° 5]†	[54° 8]†	[79]†	[1901]†	[44]†	[1902]†	[14]†	[2° 13]†	[216° 0]†	[49]†				
	29° 938		58° 8	55° 9	69° 0	51° 5	94	1876	37	1876	17	2° 61	[197° 1]†	[44]†				
	Portland Bill		[58° 8]†	[55° 6]†	[65° 5]†	[52° 3]†	[92]†	[1876]†	[40]†	[1877, 1904]†	14	2° 87	[188° 7]†	[42]†				
	Dungeness		58° 8	53° 9	69° 2	52° 9	90	1876	39	1892	14	2° 38	184° 9	42				
	29° 954		[60° 1]†	[56° 2]†	[66° 3]†	[54° 3]†	[74]†	[1905]†	[46]†	[1905]†	[15]†	[2° 51]†	168° 0	38				
	LONDON (Westminster)		60° 9	57° 2	71° 8	53° 6	96	1876	39	1887, 90	14	2° 39	—	—				
	Brixton																	
SEPTEMBER.	Sumburgh Head		50° 8	49° 1	54° 9	46° 3	69	1898	34	1887, 88	20	3° 32	—	—				
	29° 800		51° 4	50° 1	57° 1	45° 8	72	1898	32	1871, 75, 85, 1904	21	4° 08	114° 1	30				
	Stornoway		53° 7	51° 5	58° 6	51° 0	[78]†	[1898]†	[38]†	[1880]†	[19]†	[2° 05]†	—	—				
	29° 816		55° 4	52° 9	59° 7	51° 5	[78]†	[1898]†	[38]†	[1889]†	[21]†	[4° 20]†	—	—				
	Malin Head		56° 4	54° 0	61° 8	51° 4	79	1898	35	1899	20	4° 50	129° 6	35				
	29° 902		55° 8	53° 7	61° 8	51° 3	74	1880	39	1893	15	3° 52	—	—				
	Blackod Point		52° 8	51° 0	61° 8	47° 3	79	1880, 98	29	1899	17	2° 76	127° 9	34				
	29° 866		53° 7	52° 4	60° 1	49° 4	74	1898	36	1882, 94, 99	17	2° 84	—	—				
	Valencia		54° 7	52° 0	61° 4	50° 8	82	1880	39	1885	17	2° 96	—	—				
	Roche's Point		55° 9	53° 7	60° 8	52° 2	78	1880	42	1903	16	2° 96	—	—				
	29° 964		56° 3	54° 1	60° 5	53° 1												



# 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 October 1st.)

	STATIONS.	PRESSURE. 1871-1905.  8 a.m. Observations (reduced to M.S. Level, but not to Lat. 45°).	AIR TEMPERATURE. 1871-1905.								RAINFALL. 1871-1905.		BRIGHT SUNSHINE. 1881-1905.	
			Means of				Absolute Extremes.				Days with Rain.	Total Fall.	Average Duration.	Per Centage of Possible Duration.
			Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maximum.	Daily Minimum.	Maximum.		Minimum.					
							Temp.	Year.	Temp.	Year.				
OCTOBER.	Sumburgh Head.....	Inches. 29.721	45.9	44.2	49.7	41.7	61	1898	26	1875	25	Inches. 4.38	Hours. 84.3	% 27
	Stornoway.....	29.752	45.4	44.3	51.3	40.3	70	1898	26	1880	24	4.69	—	—
	Malin Head.....	29.804	48.4	46.4	52.6	45.6	[69]†	[1898]†	[32]†	[1892]†	[22]†	[3.22]†	—	—
	Blackod Point.....	29.853	49.7	48.9	54.2	45.9	[70]†	[1898]†	[30]†	[1905]†	[23]†	[5.13]†	—	—
	Valencia.....	29.891	50.9	48.7	56.4	46.2	69	1898	28	1892	22	5.48	102.7	32
	Roche's Point.....	29.893	50.1	48.3	55.8	46.1	65	1880, 84, 86	32	1881	17	4.17	—	—
	Birr Castle.....	29.887	45.5	44.1	54.7	40.6	69	1898	22	1890, 1905	18	2.93	98.0	30
	Donaghadee.....	29.846	47.8	46.4	53.8	43.6	66	1898	21	1892	19	2.97	—	—
	Liverpool (Observatory).....	29.878	47.8	45.7	53.8	44.6	72	1898	27	1895	19	3.54	—	—
	Holyhead.....	29.847	50.3	48.2	54.7	46.9	71	1898	32	1892	20	4.33	—	—
	Pembroke (St. Ann's Hd.).....	29.885	51.3	49.3	55.1	48.0	66	1872, 86	33	1895	20	4.02	103.6	32
	Scilly (St. Mary's).....	29.903	53.9	51.7	57.0	50.1	69	1895	38	1895, 96	21	3.76	115.4	35
	Jersey (St. Aubin's).....	29.935	53.6	50.9	58.7	49.0	73	1876, 98, 1900	33	1887	20	4.52	126.0	38
	Portland Bill.....	[29.961]‡	[52.4]‡	[49.8]‡	[57.1]‡	[48.5]‡	[85]‡	[1901]‡	[35]‡	[1905]‡	[17]‡	[3.06]‡	—	—
	Dungeness.....	29.913	50.4	48.6	56.7	46.0	70	1888	23	1890	16	3.24	—	—
	Wick.....	29.754	46.0	44.4	51.9	40.4	73	1898	22	1885	21	3.23	—	—
	Nairn.....	29.774	44.6	42.8	52.4	39.6	72	1898	19	1896	19	2.47	—	—
	Aberdeen.....	29.793	45.6	43.6	52.5	41.2	74	1898	25	1880	20	2.94	98.6	31
	Leith.....	29.816	46.6	44.6	54.7	41.6	70	1898	25	1894	16	2.19	—	—
	North Shields.....	29.837	46.9	45.2	53.5	42.2	69	1898	27	1890, 92, 95	17	2.93	—	—
	Spurn Head.....	29.859	49.0	47.5	53.8	45.6	[70]*	[1900]*	[33]*	[1887, 95]*	16	2.26	—	—
Yarmouth.....	29.885	49.3	47.6	54.5	44.7	74	1900	27	1895	18	2.91	—	—	
Clacton-on-Sea.....	[30.046]‡	[47.4]‡	[45.5]‡	[55.7]‡	[45.1]‡	[69]‡	[1904]‡	[29]‡	[1905]‡	[16]‡	[1.71]‡	[110.6]‡	[34]‡	
Nottingham.....	29.899	45.5	44.3	55.1	41.5	75	1895	20	1890	20	2.60	[88.6]‡	[27]‡	
Bath.....	[29.945]‡	[47.7]‡	[46.2]‡	[57.6]‡	[42.5]‡	[73]‡	[1873]‡	[24]‡	[1905]‡	15	3.05	[93.0]‡	[29]‡	
Oxford.....	29.921	46.2	44.8	55.7	42.1	76	1889	22	1873	15	2.76	100.6	31	
LONDON { Westminster.....	[30.029]**	[43.6]**	[41.7]**	[53.0]**	[38.7]**	[61]**	[1905]**	[29]**	[1905]**	[16]**	[1.01]**	68.7	21	
Brixton.....	29.921	47.7	46.1	56.8	42.9	80	1886	24	1890	16	2.73	—	—	
NOVEMBER.	Sumburgh Head.....	29.718	42.5	40.8	46.0	38.5	58	1901	21	1875	24	3.96	—	—
	Stornoway.....	29.732	42.6	41.5	47.0	37.5	58	1897, 1901, 02	20	1880	24	5.41	41.4	18
	Malin Head.....	29.784	44.5	42.7	48.3	41.4	[59]†	[1894, 99]†	[31]†	[1889]†	[21]†	[3.23]†	—	—
	Blackod Point.....	29.830	45.8	43.9	49.8	41.9	[60]†	[1897, 99]†	[26]†	[1890]†	[24]†	[5.29]†	—	—
	Valencia.....	29.893	47.4	45.4	52.3	42.8	63	1881	27	1890, 96, 1901	22	5.67	64.8	25
	Roche's Point.....	29.899	46.4	44.9	51.3	42.3	61	1875	27	1890	18	4.89	—	—
	Birr Castle.....	29.879	41.8	40.5	49.2	37.1	63	1872	19	1905	19	3.10	62.9	25
	Donaghadee.....	29.848	44.0	42.8	48.9	39.8	60	1894	27	1878, 83	19	3.20	—	—
	Liverpool (Observatory).....	29.891	42.9	41.1	48.2	39.9	63	1872	22	1880	17	2.65	—	—
	Holyhead.....	29.874	46.2	44.4	50.0	42.9	62	1881	29	1890	19	4.14	—	—
	Pembroke (St. Ann's Hd.).....	29.898	47.3	45.6	50.7	43.8	58	1884, 95, 97, 99, 1901, 2	28	1890	20	3.94	62.3	24
	Scilly (St. Mary's).....	29.917	50.2	48.1	53.0	46.5	61	1898	29	1890	20	3.68	75.6	28
	Jersey (St. Aubin's).....	29.962	48.0	45.9	52.6	44.2	66	1899	16	1890	20	4.10	76.2	28
	Portland Bill.....	[29.938]‡	[46.6]‡	[44.8]‡	[51.0]‡	[42.9]‡	[61]‡	[1901]‡	[30]‡	[1902]‡	[14]‡	[2.11]‡	—	—
	Dungeness.....	29.930	44.9	43.5	50.1	40.8	63	1899	17	1890	17	2.66	—	—
	Wick.....	29.750	42.0	40.5	46.7	36.8	62	1900	15	1884, 1904	20	2.81	—	—
	Nairn.....	29.771	40.5	38.9	46.4	35.5	61	1885, 94	12	1904	17	2.21	—	—
	Aberdeen.....	29.802	41.1	39.3	46.6	37.1	62	1872, 89	15	1880, 84	20	3.22	54.5	23
	Leith.....	29.825	42.3	40.6	48.5	37.6	64	1872	16	1885	16	2.17	—	—
	North Shields.....	29.851	42.7	41.1	48.0	38.2	62	1894	20	1890	16	2.44	—	—
	Spurn Head.....	29.880	43.8	42.5	47.7	40.6	[61]*	[1894, 95]*	[28]*	[1884]*	17	1.98	—	—
Yarmouth.....	29.903	43.6	42.3	48.0	39.4	60	1895, 98, 99, 1904	23	* 1890	18	2.70	—	—	
Clacton-on-Sea.....	[29.878]‡	[41.0]‡	[39.0]‡	[47.9]‡	[35.0]‡	[59]‡	[1902]‡	[25]‡	[1904]‡	[11]‡	[1.55]‡	[78.4]‡	[30]‡	
Nottingham.....	29.916	40.7	39.6	48.0	36.9	63	1895	13	1904	20	1.99	[33.5]‡	[13]‡	
Bath.....	[29.981]‡	[40.7]‡	[39.5]‡	[50.3]‡	[37.4]‡	[64]‡	[1879]‡	[18]‡	[1901]‡	15	2.95	[54.2]‡	[21]‡	
Oxford.....	29.938	41.4	40.2	48.7	37.7	63	1899	17	1904	15	2.44	56.5	23	
LONDON { Westminster.....	[29.993]**	[40.7]**	[39.6]**	[47.9]**	[36.7]**	[56]**	[1905]**	[25]**	[1905]**	[19]**	[3.01]**	26.6	10	
Brixton.....	29.938	42.6	41.1	49.6	38.4	65	1894	19	1879	15	2.35	—	—	
DECEMBER.	Sumburgh Head.....	29.646	40.2	38.7	43.1	36.1	53	1890, 1905	19	1877	26	4.45	—	—
	Stornoway.....	29.669	40.1	39.0	43.0	34.7	55	1898	15	1880	26	5.90	23.9	12
	Malin Head.....	29.745	41.8	40.2	45.4	38.4	[56]†	[1900, 04]†	[29]†	[1904]†	[23]†	[3.21]†	—	—
	Blackod Point.....	29.799	43.4	41.5	47.2	39.4	[59]†	[1890]†	[26]†	[1896]†	[27]†	[5.81]†	—	—
	Valencia.....	29.875	45.3	43.2	50.0	40.7	57	1884, 88, 99, 1900	24	1886	25	6.21	41.0	17
	Roche's Point.....	29.890	44.1	42.7	48.5	40.0	58	1873	25	1882	20	5.32	—	—
	Birr Castle.....	29.866	39.0	37.8	45.6	34.3	58	1877, 1900	8	1878	20	3.07	43.9	19
	Donaghadee.....	29.819	41.1	40.1	46.1	36.9	56	1885, 88, 94	20	1879	20	2.96	—	—
	Liverpool (Observatory).....	29.878	39.4	37.7	44.3	36.1	59	1891, 98, 1900	13	1878	18	2.46	—	—
	Holyhead.....	29.860	43.3	41.6	46.7	39.5	56	1872, 88	25	1874	20	3.80	—	—
	Pembroke (St. Ann's Hd.).....	29.898	44.4	42.9	47.5	40.9	57	1899, 1902	19	1890	21	4.03	42.3	18
	Scilly (St. Mary's).....	29.929	47.7	45.8	50.4	43.9	58	1899, 1900	30	1890	22	4.21	57.6	23
	Jersey (St. Aubin's).....	29.989	44.0	42.2	48.1	40.2	61	1876	19	1871	20	3.84	61.7	25
	Portland Bill.....	[29.923]‡	[44.5]‡	[43.1]‡	[47.8]‡	[41.0]‡	[55]‡	[1900]‡	[25]‡	[1902]‡	[18]‡	[2.54]‡	—	—
	Dungeness.....	29.949	40.7	39.6	45.3	36.5	56	1880, 97, 98, 1900	12	1890	16	2.24	—	—
	Wick.....	29.681	38.9	37.6	43.1	33.6	56	1898	10	1880	22	2.99	—	—
	Nairn.....	29.709	37.6	36.1	42.6	32.4	58	1900	10	1882	18	2.08	—	—
	Aberdeen.....	29.745	37.7	36.0	42.5	33.5	58	1873	6	1882	20	3.06	37.0	18
	Leith.....	29.778	39.3	37.7	44.5	34.3	60	1896	6	1882	16	1.97	—	—
	North Shields.....	29.820	39.0	37.7	43.7	34.5	59	1873, 98	10	1878, 79	16	2.17	—	—
	Spurn Head.....	29.880	39.4	38.3	43.2	35.9	[56]*	[1898]*	[19]*	[1891]*	15	1.94	—	—
Yarmouth.....	29.907	38.7	37.6	42.8	34.4	60	1901	15	1879	18	2.11	—	—	
Clacton-on-Sea.....	[30.079]‡	[39.9]‡	[39.3]‡	[43.4]‡	[35.9]‡	[55]‡	[1904]‡	[20]‡	[1902]‡	[13]‡	[1.26]‡	[49		



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

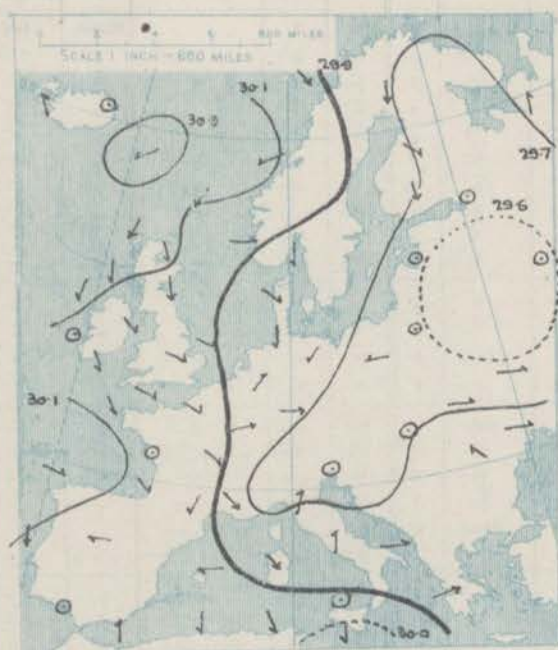
Thursday  
1st July, 1909

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.																																																																																																																																																																																																																																																																																																																																																																																	
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.																																																																																																																																																																																																																																																																																																																																																																														
At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	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Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	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Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dir.	Force (0 to



SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

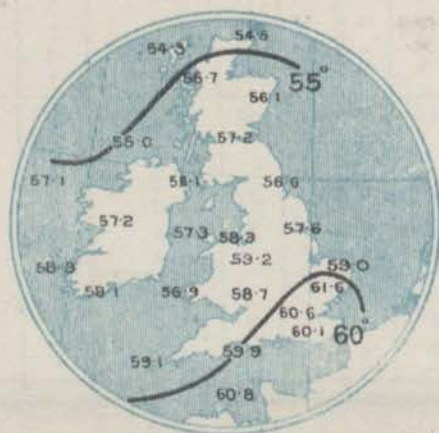
7 A.M. YESTERDAY



6 P.M. YESTERDAY

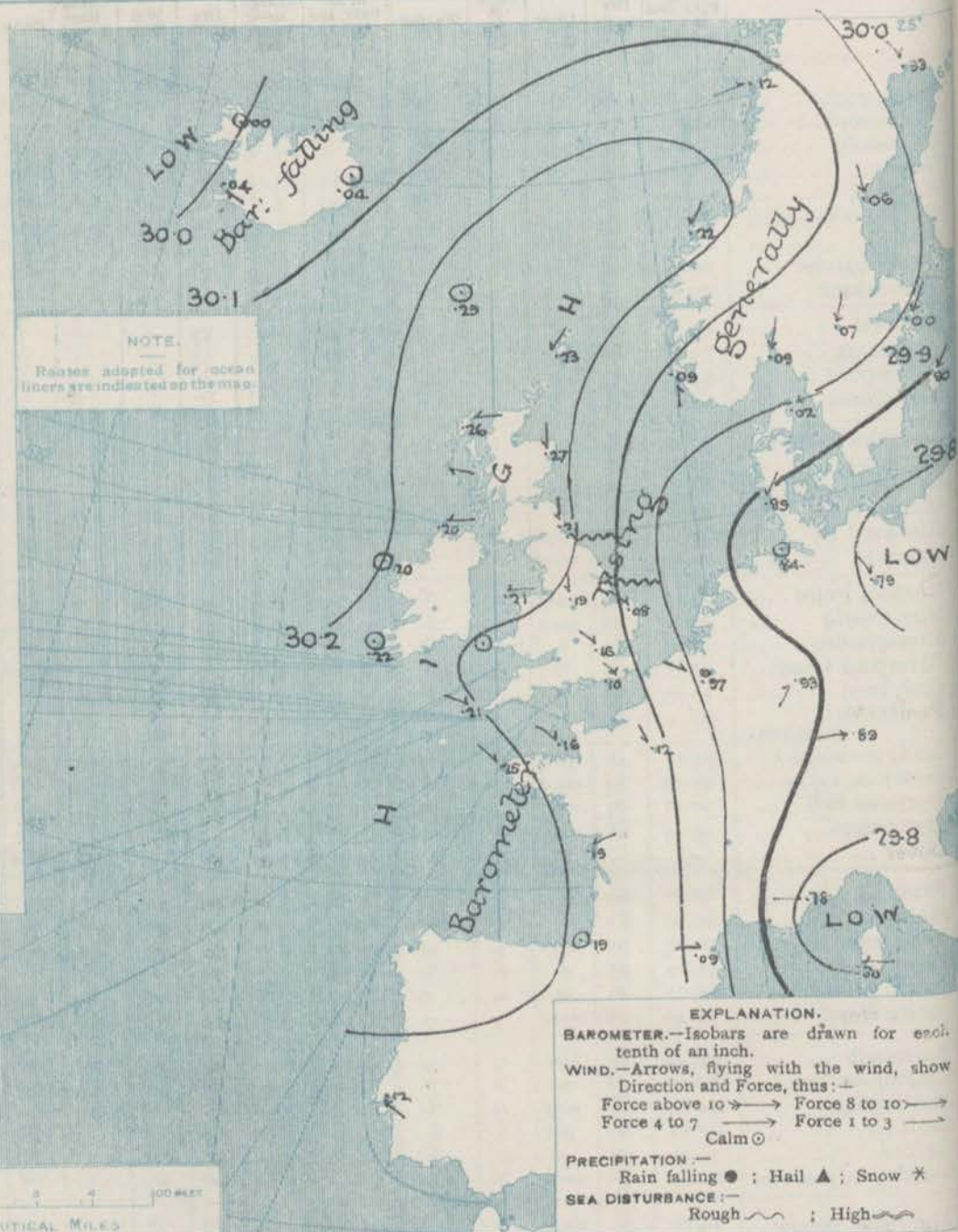


AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE TWO MONTHLY PERIOD  
JUNE - JULY  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Thursday, WEATHER 1<sup>st</sup> July

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The anticyclone which yesterday to the northward and north-westward of the United Kingdom is moving south-eastwards, and the barometer continues to rise over western Europe generally. The highest pressures are found in a broad band which extends north-eastwards from the southern portion of the Atlantic over Ireland, Scotland and the extreme west of Norway. In Ireland the barometer is falling steadily.

The wind is light to moderate from the N. or N.W. over England and the neighbouring parts of the Continent, but is E. on all our north-west coasts. Fresh to strong N.E. winds prevail in the south of Scandinavia, but in Germany and the south of France the wind is chiefly W. Temperature has changed rather irregularly, and remains low generally. On some parts of our own western coasts the readings are slightly above 55°, but over the United Kingdom generally they are below that level, and on our north and north-east coasts they are in many cases below 50°. The Continental values range from 66° at Nice, and 65° at Perpignan to 48° at Munich and 46° at Bodo. The weather is fair or fine over western Europe generally, but a good deal of cloud prevails locally over eastern and central England. Dull weather is also reported in Germany, and rain is falling at Brussels.



# CHARTS

1<sup>st</sup> July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M. TO DAY



**EXPLANATION.**  
 TEMPERATURE.—Isotherms are drawn for each 10°.  
 WEATHER.—Shown by letters of the Beaufort Scale (see page 4). Exceptional weather, such as thunder, lightning, aurora, &c., occurring in past 24 hours, is indicated in words.  
 RAINFALL.—A dotted line separates areas in which rain has fallen from those without rain.  
 The fall in past 24 hours, when exceeding half an inch, is shown thus, 0.6.

### NOTES ON YESTERDAY'S WEATHER

At several coast stations in the north and east of Great Britain the thermometer yesterday failed to reach 55°, but in the south-western parts of the United Kingdom it exceeded 65°, and at Brix Castle it reached 73°. More than 13 hours of bright sunshine were recorded on several parts of our western coasts, and more than 15 hours at Oban and Carlsberg; over the eastern and central parts of the Kingdom the duration was very small.

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

The anticyclone will probably continue to extend eastwards, and fair weather is, therefore, probable over the greater part of the United Kingdom, with a gradual rise of temperature. On our extreme western coasts the weather will be affected shortly by low pressure systems which are beginning to appear over the Atlantic.

## FORECASTS

For the 24 hours commencing at  
 NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 } NE<sup>ly</sup> to Variable breezes; fair generally; rather warmer.
- 1 } N<sup>ly</sup> or NE<sup>ly</sup> winds, light; fair generally; cool today, rather warmer tomorrow.
- 2 }
- 3 } NW<sup>ly</sup> to N<sup>ly</sup> winds, light; fair generally; cool today, rather warmer tomorrow.
- 4 }
- 5 }
- 6 } Light breezes, chiefly E<sup>ly</sup>; fine generally; rather warmer.
- 7 }
- 8 } Light breezes, chiefly N<sup>ly</sup>; fine generally; rather warmer.
- 9 }
- 10 } Variable breezes, finally SE<sup>ly</sup>; fine generally; rather warmer.

### II WESTERN CHANNEL AND BAY

Light N<sup>ly</sup> (NW<sup>ly</sup> to NE<sup>ly</sup>) winds and a slight sea. Fair weather, temperature rising.

### FORECAST DISTRICTS.

Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—  
 Signals hoisted yesterday.      Signals hoisted this morning.

South Cone.   
 North Cone. 



None

Issues.



## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	...	...	...	4.2	-	+ Worthing, to 6 p.m. ...	63	50	c.c.m	6.5	
Oban, to 6 p.m. ...	71	47	...	15.5	-	+ Brighton, to 6 p.m. ...	63	49	...	7.1	
Dublin (City), to 4 p.m. ...	64	48	b.m.c.b	...	-	+ Seaford, to 6 p.m. ...	62	49	o.c.b	6.5	
Rossall Beach, to 6 p.m. ...	63	49	c	...	0.01	+ Eastbourne, to 6 p.m. ...	62	49	...	5.4	
Blackpool, to 9 p.m. ...	63	49	bc.b	11.9	-	Bexhill-on-Sea, to 9 p.m. ...	61	50	g.b.m	4.5	
Southport, to 9 p.m. ...	62	50	o.c.b	11.4	-	+ Hastings ...	...	...	...	1.7	
+ Rhyl, to 6 p.m. ...	60	45	b.o.b	8.6	-	+ Folkestone, to 6 p.m. ...	59	51	b.c.b.c.o	0.1	
+ Colwyn Bay, to 6 p.m. ...	62	52	bc.b	5.5	-	+ Ramsgate, to 6 p.m. ...	...	...	...	0.1	
Llandudno, to 9 p.m. ...	62	49	b.o.c.b	6.1	-	+ Margate, to 6 p.m. ...	56	52	...	0.0	
Bettws-y-Coed, to 6 p.m. ...	62	42	b	7.1	...	+ Felixstowe, to 6 p.m. ...	58	51	...	0.4	
Towyn, to 6 p.m. ...	66	46	bc.b	8.3	-	+ Lowestoft, to 6 p.m. ...	56	50	o.c.o	0.8	
Aberystwyth, to 6 p.m. ...	62	52	...	9.5	-	+ Skegness, to 6 p.m. ...	54	50	c	0.4	
Plymouth, to 9 p.m. ...	...	...	...	...	...	Scarborough, to 9 p.m. ...	57	50	og.m	1.4	
Torquay, to 6 p.m. ...	71	50	...	11.8	-	+ Harrogate, to 6 p.m. ...	59	46	bc.c.o.b.c.b	5.2	
+ Weymouth, to 6 p.m. ...	66	50	...	7.1	-	+ Buxton, to 6 p.m. ...	62	47	bc.c.b	11.9	
+ Bournemouth, to 6 p.m. ...	67	49	c.b.c.b	6.0	0.07	Darwen, to 9 p.m. ...	64	48	ov.b	9.5	
Southsea, to 6 p.m. ...	65	50	...	7.1	-	Manchester, to 9 p.m. ...	...	...	...	...	
						Birmingham, to 9 p.m. ...	63	48	o.c.o	3.4	

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 30th June, 1909.	63	54	r. o	Ins. 0.24	Naples ... 30th June, 1909.	73	61	b. o	Ins.
Aix-la-Chapelle ...	...	...	...	...	Malta ...	64	71	b	...
Copenhagen ...	66	57	m. c	0.24	Berne ...	...	...	o. r	0.59
Oxö (Christiansand) ...	...	...	...	...	Zurich ...	...	...	r. r	0.63
St. Petersburg ...	68	54	b. b	-	Geneva ...	...	...	r. r	0.75
Vienna ...	75	55	c. o	0.20	Lugano ...	...	...	r. b	2.17
Buda-Pesth ...	82	61	bc. b	-	Coire ... 29th June, 1909. 1.30 p.m.	55	...	r	Measured 7.30 a.m.
Hermanstadt ...	73	50	bc. b	-	Castasegna ...	55	...	r	...
Trieste ...	75	61	c. r	0.16	Davos ...	50	...	r	...
Florence ...	76	62	o. r	0.12	St. Gothard ...	37	...	r	0.08
Rome ...	80	64	bc. o	-					

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		
	Lat.	Long.		Direc.	Force.		Air.					Lat.	Long.		Direc.	Force.	
							Dry Bulb.	Wet Bulb.	Sea.								
	°	°	Ins.									°	°	Ins.			
Montreal	28th June 4am	48N.	28W	29.87	SSW	4-5	-	-	-	-	Adriatic	29th June 3pm	44N	17W	29.84	SW	4-5
	" 7am	48N	28W	29.87	SSW	4-5	-	-	-	-		" 6pm	44N	16W	29.87	SSW	1-3
	" 3pm	48N	30W	29.75	WSW	4-5	-	-	-	-		30th June 4am	44N	12W	29.46	SE	4-5
Cadix	28th June 4am	49N	26W	29.86	WSW	4-5	-	-	-	-	" 29th June	7am	44N	10W	30.05	SE	1-3
	" 7am	49N	26W	29.82	SW	4-5	-	-	-	-		7am	55N	21W	29.93	SE	6-7
	" 3pm	49N	25W	29.75	SW	4-5	m	-	-	-		" 7am	55N	21W	29.97	ENE	6-7
Susanie	28th June 3pm	49N	25W	29.67	SE	4-5	-	-	-	-	" 30th June	7am	55N	18W	30.02	ESE	4-5
	" 6pm	49N	24W	29.61	SW	4-5	-	-	-	-		" 6pm	55N	18W	30.03	ESE	4-5
	" 3pm	49N	22W	29.83	SE	4-5	-	-	-	-		4am	55N	14W	30.16	E	4-5
St Paul	29th June 4am	49N	24W	29.60	SE	4-5	-	-	-	-	" 30th June	7am	55N	13W	30.16	ENE	4-5
	" 7am	49N	20W	29.60	WSW	4-5	-	-	-	-		" 10am	55N	13W	30.18	E	1-3
	" 3pm	49N	22W	29.60	WSW	4-5	-	-	-	-		" 1pm	55N	12W	30.22	ENE	1-3
Minerwa	29th June 3pm	48N	24W	29.80	SW	4-5	m	-	-	-	" 30th June	3pm	55N	12W	30.22	NE	1-3
	" 6pm	48N	26W	29.50	SW	6-7	-	-	-	-		" 6pm	55N	11W	30.22	NE	1-3
	" 3pm	47N	28W	29.76	SW	1-3	-	-	-	-		" 6pm	51N	9W	30.22	W	1-3
Adriatic	28th June 4am	48N	23W	29.76	SW	4-5	-	-	-	-	Saxonie	30th June 3pm	51N	10W	30.24	W	1-3
	" 6pm	48N	23W	29.76	SW	4-5	-	-	-	-		" 6pm	51N	10W	30.24	W	1-3
	" 7am	48N	21W	29.76	SW	4-5	m	-	-	-							

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m., local time, Azores 6 a.m. local time.

(b) 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. gloomy; h. hail; l. lightning; m. misty (haze); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOLOGICAL OFFICE,  
63, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday  
2nd July 1909.

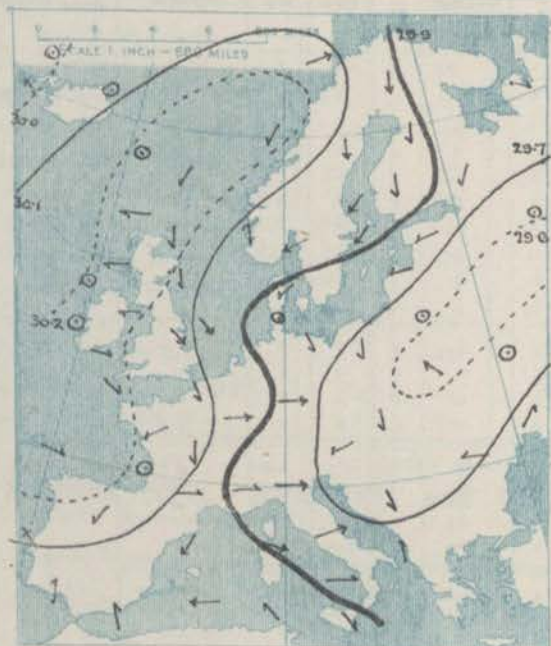
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9).	Temp.		Weather.	Gen. shine.	Hours.	Ins.
				At 38° Fahr. and M.S.L. Lat. 45°	Dry Bulb.		Direc.	Force (0 to 12).	At 38° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.			Direc.	Force (0 to 12).				
SCANDINAVIA.	Haparanda...	29.99	49	NW	2	bc	29.97	+0.04	64	7	+1.4	S	2	6	*	59	41	*	*	*	*
	Hernösand...	30.08	53	Z	0	6	30.10	+0.04	55	49	+2	NE	2	6	*	61	46	*	*	*	*
	Stockholm...	30.09	52	NNW	2	bc	30.11	+1.1	57	50	-1	NNW	2	6	*	61	43	*	*	*	*
	Wisby...	30.03	51	NE	4	bc	30.08	+1.8	51	47	0	NE	4	6	*	59	46	*	*	*	*
	Karlstad...	30.10	58	WSW	2	6	30.14	+0.7	58	53	+3	SSW	2	6	*	6	6	*	*	*	*
	Färder (X'ania Fjord)	30.09	63	Z	0	c	30.14	+0.5	58	52	+6	N	2	6	1	63	54	*	*	*	*
	Bodö...	30.09	45	SW	4	c	30.09	-0.3	47	45	+1	W	4	6	2	46	43	*	*	*	0.04
	Christiansund...	30.21	50	N	2	c	30.13	-0.9	51	49	0	Z	0	6	1	52	48	*	*	*	*
	Skudesnaes...	30.15	54	NNW	4	6	30.16	+0.7	54	51	-6	NNW	2	6	2	60	42	6	*	*	*
ICELAND & FAEROE.	Isafjord...	29.93	57	Z	0	0	29.75	-2.5	55	*	+2	E	2	c	*	*	*	*	*	*	*
	Reykjavik...	29.87	55	SE	7	c	29.59	-4.5	52	*	-1	E	4	c	*	*	*	*	*	*	*
	Seydisfjord...	29.88	72	Z	0	bc	29.75	-2.9	51	*	-3	Z	0	0	*	*	*	*	*	*	*
	Thorshavn...	30.21	54	S	4	0	29.99	-1.30	52	*	+5	E	2	mm	*	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	30.26	49	ENE	2	bc	30.16	-0.7	47	45	-1	SE	2	6c	3	52	43	c, bc	*	*	*
	Stornoway...	30.19	67	SW	4	6	30.09	-1.7	57	52	+3	S	3	0	3	68	52	b, bc, 0	15.5	*	*
	Castlebay (Barra Id.)	30.19	57	SE	2	cm	30.09	-1.14	54	52	-2	SSE	3	op	4	59	53	b, bc, cm, op	12.4	0.52	*
	Malin Head...	30.15	64	E	1	bc	30.08	-1.12	57	55	+1	SW	3	om	1	65	55	bc	*	*	*
	Blacksod Pt.	30.17	61	WSW	3	c	30.10	-1.10	56	55	+2	SSW	4	om	3	66	49	b, bc, op	4.2	0.57	*
	Valencia...	30.21	58	S	2	m	30.14	-0.8	59	58	+4	SSE	2	0	3	66	54	of, bc, cp	4.2	0.62	*
	Roche's Point...	30.23	61	SW	1	0	30.19	-0.4	58	53	-1	S	2	0	2	65	57	bc, 0	*	*	*
	Birr Castle...	30.16	73	Z	0	0	30.15	-0.7	63	59	-5	S	2	0	*	75	56	6	9.4	*	*
	Donaghadee...	30.25	56	ENE	2	bc	30.18	-0.8	54	53	+3	SSE	2	c	1	58	48	b, bc, bc	*	*	*
	Liverpool Obsy...	30.24	58	WNW	1	6	30.24	-0.1	55	52	+3	SSE	3	6	3	62	50	b, bc	12.6	*	*
	Holyhead...	30.23	56	N	2	c	30.21	-0.0	57	55	+2	SW	3	c	2	60	50	b, c	*	*	*
	Pembroke (St. Ann's Hd.)	30.22	59	NW	2	c	30.21	+0.2	56	55	0	Z	0	bc	2	63	51	bc, bc, cm	12.9	*	*
	Scilly (St. Mary's)	30.26	61	WNW	3	bc	30.24	+0.3	58	55	+1	S	1	bc	1	64	56	bc	12.5	*	*
	Jersey (St. Aubins)	30.24	61	NE	3	6	30.26	+1.0	60	58	+2	NW	2	6	2	66	46	bc, bc, bc, bc	11.1	*	*
	Portland Bill...	30.22	57	WSW	2	6	30.23	+0.6	58	56	+6	E	1	bc	1	61	51	bc, 6	11.9	*	*
	Dungeness...	30.16	64	N	3	bc	30.22	+1.2	53	51	+1	N	4	0	3	65	46	bc, cw	8.9	*	*
	Dover...	*	*	*	*	*	?	?	53	51	+2	NW	3	c	2	66	50	c, bc, bc, bc	1.0	*	*
	Wick...	30.23	53	S	1	6	30.12	-1.5	51	50	+4	S	2	fe	2	55	47	-	*	*	*
	Nairn...	30.21	55	ENE	2	6	30.14	-1.3	49	48	0	Z	0	0	1	57	48	bc, bc, 0	12.8	*	*
	Aberdeen...	30.17	52	SE	1	6	30.18	-0.9	51	49	+1	S	1	bc	2	59	46	bc, bc, bc	11.1	*	*
	Leith...	30.25	57	NE	1	6	30.21	-0.5	52	50	+2	N	1	c	*	53	47	6	*	*	*
	North Shields...	30.28	53	NE	3	6	30.22	+0.1	50	48	+1	SSW	2	c	3	54	39	0, 6	3.0	*	*
	Spurn Head...	30.26	54	NNW	5	c	30.23	+1.5	47	47	-7	NW	2	0	4	56	46	0, bc, c, 0	*	*	*
	Yarmouth...	30.19	54	NNW	3	c	30.24	+1.6	54	52	0	NNW	3	bc	4	53	52	c	5.8	*	*
Clacton-on-Sea...	30.19	57	NNW	4	bc	30.24	+1.4	52	50	+1	N	3	c	1	64	47	0, c, bc, c	9.1	*	*	
Nottingham...	30.25	59	NE	2	6	30.29	+1.0	48	48	-4	S	1	0	*	60	42	0, bc, bc, 3	4.1	0.01	*	
Bath...	30.27	65	E	1	6	30.31	+1.5	54	51	+1	NE	1	6	*	66	44	-	11.8	*	*	
Oxford...	30.26	58	NNE	1	6	30.30	+0.8	50	48	-1	NNE	2	0	*	64	47	c, bc, 6	*	*	*	
London (St. James's Pk)	30.20	64	NW	3	bc	30.26	+1.0	50	48	0	NNW	1	c	*	65	48	0, bc	3.3	*	*	
GERMANY, & C.	The Scaw (Skagen)	30.12	59	NNW	1	6	30.15	+1.3	60	57	+3	SE	1	6	*	63	54	*	*	*	*
	Fanö...	30.13	55	N	2	6	30.18	+1.9	64	55	+3	NNW	2	6	*	66	46	*	*	*	*
	Cuxhaven†...	30.03	60	E	3	0	30.15	+1.31	59	55	+3	N	2	6	*	63	55	*	*	*	0.20
	The Helder...	30.10	57	NNE	3	0	30.21	+1.28	59	57	+4	NE	3	6	3	59	55	*	*	*	*
	Brussels...	*	*	*	*	*	30.17	+1.20	58	56	+8	NNE	1	bc	*	58	50	*	*	*	0.39
	Berlin†...	29.88	58	NW	3	7	29.97	+1.18	58	68	-2	NNW	5	c	*	68	55	*	*	*	0.16
	Frankfurt†...	30.00	53	SW	3	0	30.04	+1.11	58	70	+6	N	4	c	*	59	50	*	*	*	0.08
Munich†...	30.03	51	W	5	c	30.04	+1.15	47	100	-1	W	4	7	*	54	46	*	*	*	0.08	
FRANCE.	C. Gris Nez...	30.19	58	N	3	m	30.21	+1.3	54	52	+2	N	4	0	4	66	52	*	*	*	*
	La Hève...	30.25	57	NNE	3	m	30.26	+0.8	53	50	+1	N	3	c	2	59	48	*	*	*	*
	Brest...	30.29	60	NNW	3	m	30.29	+0.4	58	55	+1	W	1	0	1	63	55	*	*	*	*
	Lorient...	30.20	67	N	4	6	30.22	+0.4	55	53	-1	ENE	2	6	2	68	52	*	*	*	*
	Rochefort...	30.17	61	NW	4	6	30.22	+0.3	55	54	-4	NE	3	6	*	66	54	c, 6	*	*	*
	Biarritz...	30.24	65	NW	4	6	30.24	+0.5	62	61	-1	WNW	4	0	2	66	61	*	*	*	*
	Paris...	30.16	59	NW	3	0	30.11	-0.1	54	52	0	NNW	3	0	*	63	52	*	*	*	*
	Belfort...	30.16	57	W	6	c	30.08	+0.3	57	53	+8	W	2	m	*	58	48	*	*	*	0.03
	Lyons...	30.07	63	N	4	6	30.10	-0.2	55	50	+1	N	1	0	*	68	48	*	*	*	*
SPANISH PENIN.	Nice...	29.76	70	NW	1	6	29.79	+0.1	64	57	-2	Z	0	bc	2	79	54	*	*	*	*
	Perpignan...	30.04	73	NNW	4	6	30.04	-0.4	66	55	+1	NW	5	6	*	76	61	*	*	*	*
	Sanguinaire...																	*	*	*	*
	Corunna...	30.30	66	WNW	1	6	30.36	+1.0	61	58	+2	NNE	1	6	2	70	55	*	*	*	*
Lisbon...	30.09	70	ESE	7	bc	30.07	-0.5	71	62	+7	SE	5	6	*	73	61	*	*	*	*	
Azores (P. Delgada)...																	*	*	*	*	
" Horta...	30.48	69	SW	2	0	30.48	+1.11	69	66	+1	S	1	6	2	75	68	*	*	*	*	



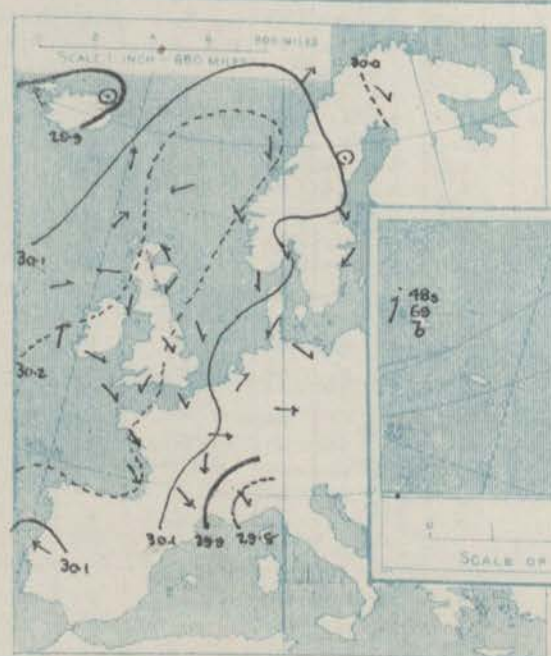
# SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

FOR 7 A.M. AND 6 P.M. YESTERDAY

7 A.M. YESTERDAY.

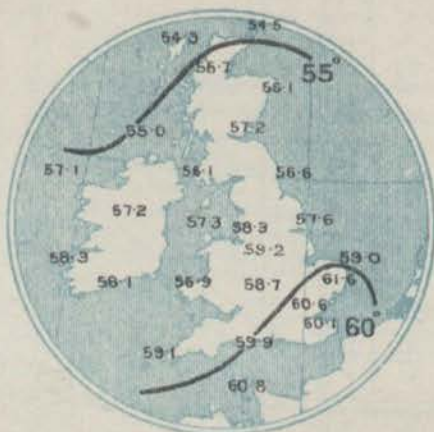


6 P.M. YESTERDAY



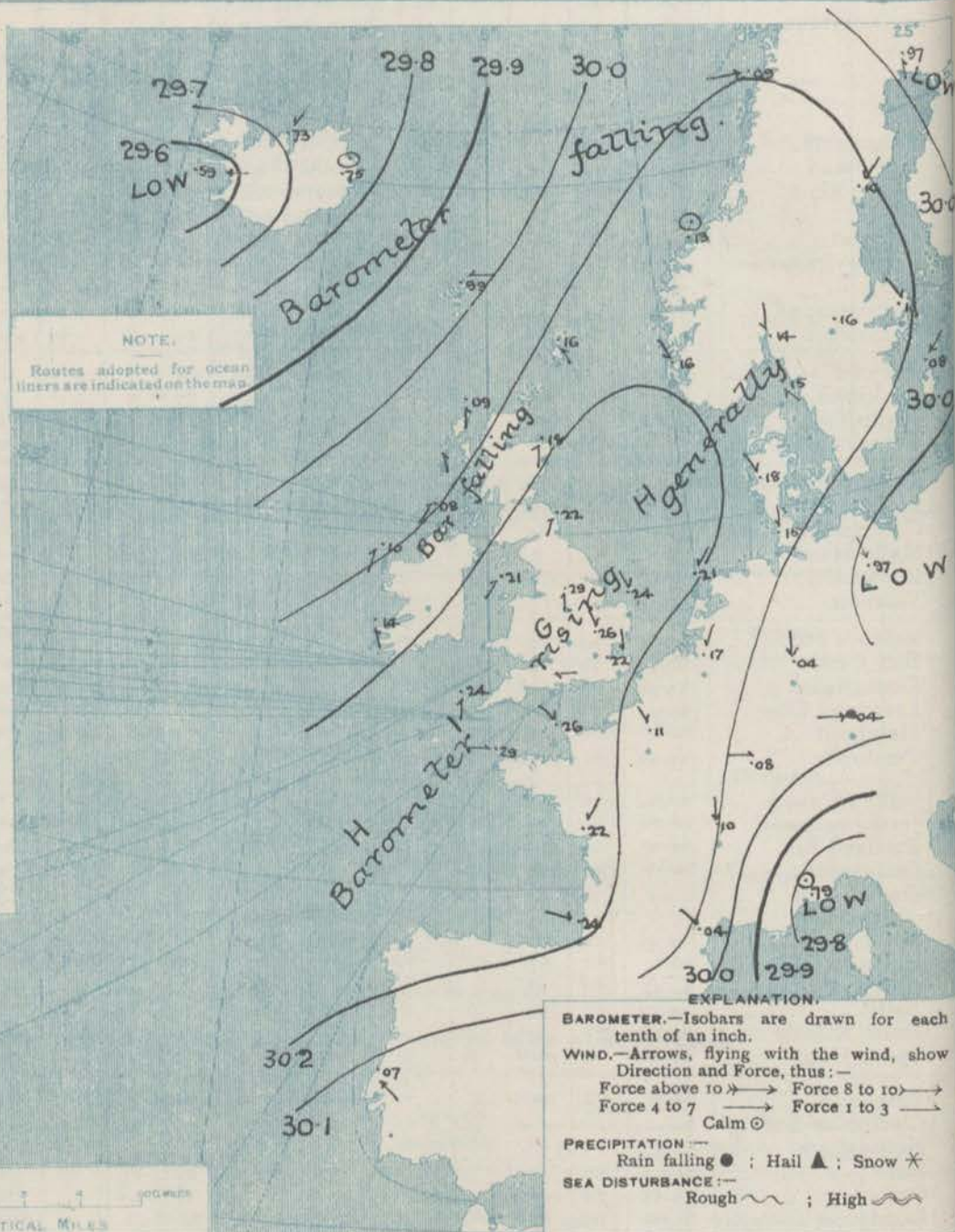
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE TWO MONTHLY PERIOD  
JUNE - JULY

(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Friday, WEATHER 2<sup>nd</sup> July

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



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

The anticyclone which was beginning to advance over these islands yesterday has moved south-eastward, and the region of highest pressure now extends in the form of a broad band from the southern part of the North Atlantic across the Bay of Biscay, the west and north of France, England and the greater part of the North Sea. To the westward and north-westward of that area the barometer is now falling, and in Western Ireland it is below 29.6 ins.

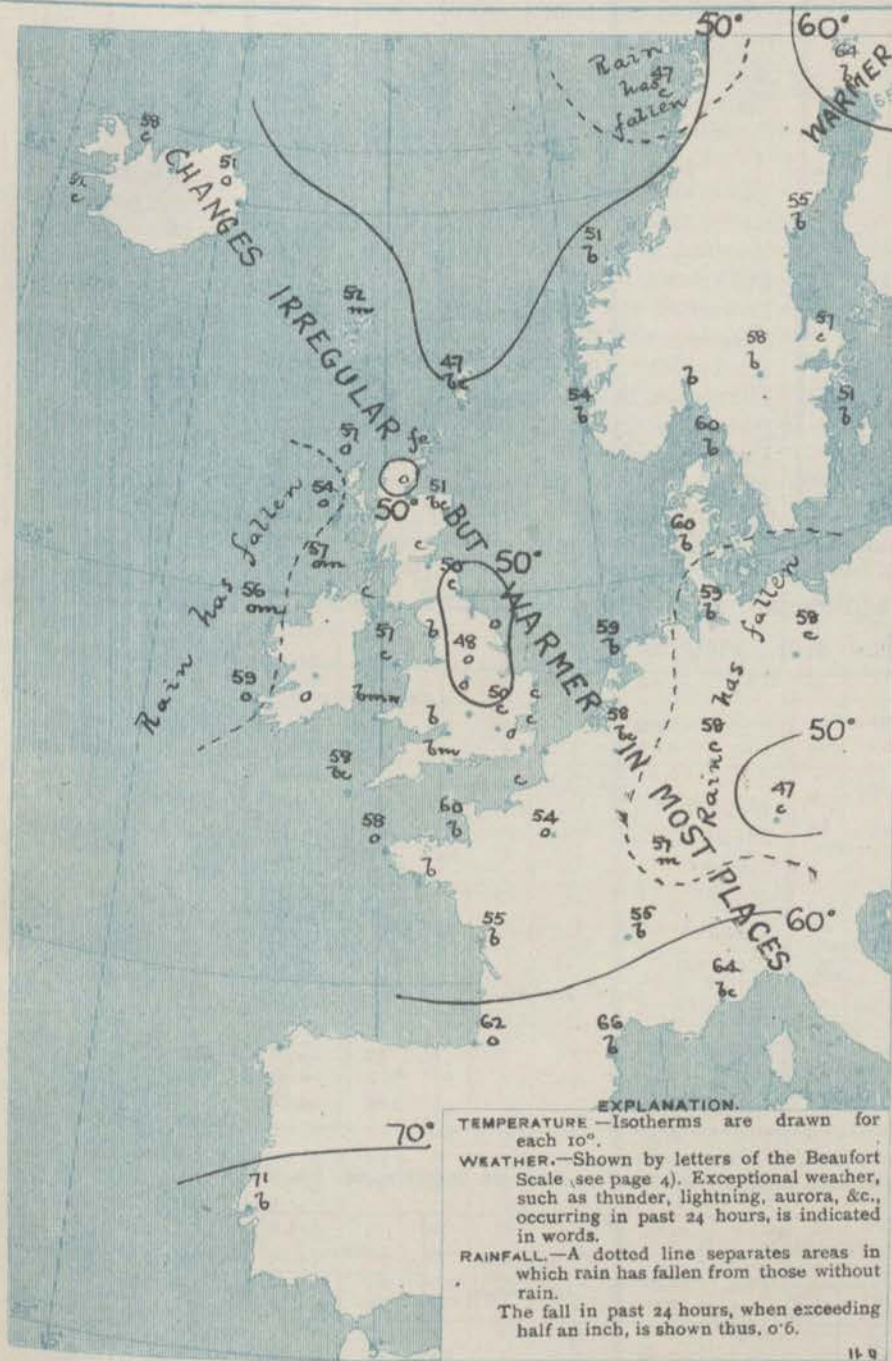
In the east and south-east of England and over the western parts of the Continent the N. wind still holds, but on our western and northern coasts a light breeze from the S. has set in. Temperature has changed rather irregularly, but in regions over which the S. current is passing the general tendency has been in an upward direction. Over the United Kingdom the morning readings range from between 55° and 59° on our west and south-west coasts to a little below 50° in central Scotland and some parts of eastern and central England. The weather is fair or fine at most of the English and Continental stations, as well as in the east of Scotland. In Ireland and the west and north of Scotland the sky is overcast, with showers at Castlebar. The sea is slight or smooth generally but moderate off the east of England.



# CHARTS

2<sup>nd</sup> July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M. TO DAY.



### NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to 65° and upwards at many of our western and southern stations, to 71° at Oban, and to 75° at Birr Castle; on our north and east coasts it did not reach 60°. More than 12 hours of bright sunshine were recorded at many of our western and northern stations, and nearly 16 hours at Stornoway; over eastern, central and southern England the duration was small. Solar halos were seen yesterday at Valencia and Pembroke, and a lunar halo also at the latter station.

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

The anticyclone will continue to move in an easterly or south-easterly direction towards the Continent, and in our western and northern districts the weather will be affected to a gradually increasing extent by the low pressure systems which are appearing over the Atlantic. Over England the conditions are likely to remain fair throughout the ensuing twenty-four hours. An increase in temperature is probable over the United Kingdom generally.

## FORECASTS

For the 24 hours commencing at NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 { S<sup>ly</sup> winds, light or moderate; dull, unsettled some rain. Rather warmer.
- 1 { S<sup>ly</sup> winds, light or moderate; fair today, some rain tomorrow. Becoming warmer.
- 2 { S<sup>ly</sup> winds, light; fair generally. Warmer.
- 3 { Light Variable breezes, finally S<sup>ly</sup>; fine generally. Warmer.
- 4 {
- 5 {
- 6 { Same as No. 0.
- 7 { Same as No. 1.
- 8 { S<sup>ly</sup> and SSW<sup>ly</sup> winds, light; fair generally. Warmer.
- 9 {
- 10 { Same as No. 0.
- 11 { WESTERN CHANNEL AND BAY  
Light to moderate S<sup>ly</sup> and SSW<sup>ly</sup> winds mouth Channel, variable air Bay; sea slight; fair generally, but mist or fog in places. Warmer.

### FORECAST DISTRICTS.

Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

South Cone.   
North Cone.

Signals hoisted this morning.

South Cone.   
North Cone.



None

Issued.



TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	71	44	b	10.7	-	Worthing, to 6 p.m. ...	62	44	b	4.1	-
Oban, to 6 p.m. ...	63	52	bc	14.0	-	Brighton, to 6 p.m. ...	64	45	b	7.3	-
Dublin (City), to 4 p.m. ...	62	40	b	-	-	+ Seaford, to 6 p.m. ...	63	44	o, bc, b	5.6	-
Rossall Beach, to 6 p.m. ...	62	40	b	-	-	Eastbourne, to 6 p.m. ...	66	45	b	6.5	-
Blackpool, to 6 p.m. ...	62	40	b	11.5	-	Bexhill-on-Sea, to 9 p.m. ...	65	43	b	8.4	-
Southport, to 9 p.m. ...	65	42	b, bc	12.6	-	+ Hastings ...	63	48	o, c, bc, b	11.1	-
+ Rhyl, to 6 p.m. ...	61	43	b	12.5	-	+ Folkestone, to 6 p.m. ...	64	48	b	9.5	-
+ Colwyn Bay, to 8 p.m. ...	58	49	b	13.0	-	+ Ramsgate, to 6 p.m. ...	64	50	b	9.4	-
Llandudno, to 9 p.m. ...	67	41	b	10.3	-	+ Margate, to 6 p.m. ...	64	48	b	8.6	-
Bettws-y-Coed, to 6 p.m. ...	65	41	b	12.5	-	+ Felixstowe, to 6 p.m. ...	59	49	o, c, o	6.5	-
Towyn, to 6 p.m. ...	63	52	b	12.0	-	+ Lowestoft, to 6 p.m. ...	57	53	c, bc, c	3.6	-
Aberystwyth, to 6 p.m. ...	65	53	b	8.6	-	+ Skegness, to 6 p.m. ...	57	49	o, c, bc	0.5	-
Plymouth, to 9 p.m. ...	64	51	bc, b	11.9	-	Scarborough, to 9 p.m. ...	57	45	bc, o, bc, b	4.6	-
Torquay, to 6 p.m. ...	64	47	bc, b	9.0	-	+ Harrogate, to 6 p.m. ...	61	39	bc, b, c, b	7.3	-
+ Weymouth, to 6 p.m. ...	63	47	b	6.4	-	+ Buxton, to 6 p.m. ...	62	39	o, bc, bc, bc	5.5	-
+ Bournemouth, to 6 p.m. ...	63	47	b	-	-	Darwen, to 9 p.m. ...	64	46	b, c, o, c, b	6.5	-
Southsea, to 6 p.m. ...	63	47	b	-	-	Manchester, to 9 p.m. ...	63	45	c, o	4.2	-
						Birmingham, to 9 p.m. ...					

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		Weather.	Rain.	STATIONS.	TEMPERATURE F.		Weather.	Rain.
	Max.	Min.				Max.	Min.		
Flushing ... 1st July, 1909.	57	52	o, r	Ins. 0.04	Naples ... 1st July, 1909.	72	64	bc, c	Ins.
Aix-la-Chapelle ...	64	54	c, b	0.04	Malta ...	74	69	b	0.04
Copenhagen ...	68	52	bc, b	0.04	Berne ...	*	*	r, o	1.4
Oxö (Christiansand) ...	61	52	c, bc	0.08	Zurich ...	*	*	o, bc	0.0
St. Petersburg ...	77	54	r, o	0.12	Geneva ...	*	*	c, bc	0.0
Vienna ...	75	55	6, bc	0.47	Lugano ...	*	*		
Buda-Pesth ...	72	59	o, o	-	Coire ... 30th June, 1909.	55		1.30 p.m.	Meas.
Hermanstadt ...	74	57	b, b	-	Castasegna ...	66		o	7.30 a.m.
Trieste ...	75	59	b, b	-	Davos ...	45		r	0.7
Florence ...					St. Gothard ...	34		bc	0.4

WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.	
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.
Montagu ... 30th June 3 p.m.	50N	14W	30.10	SE	4-5	-	-	-	-	-	Montagu ... 1st July 4 a.m.	50N	11W	30.22	SE	1-3
Montagu ... 1st July 7 a.m.	50N	10W	30.25	SE	4-5	-	-	-	-	-	Montagu ... 1st July 7 a.m.	50N	10W	30.25	SE	4-5
Toutonic ... 1st July 3 p.m.	51N	9W	30.28	WSW	1-3	-	-	-	-	-	Toutonic ... 1st July 6 p.m.	51N	10W	30.23	SW	4-5

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- \* Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
63, VICTORIA STREET, S.W.  
W. N. SHAW, (Director.)

SCANDINAVIA.

ICELAND & FAEROE.

BRITISH ISLANDS.

GERMANY, & C.

FRANCE.

SPANISH PENIN.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

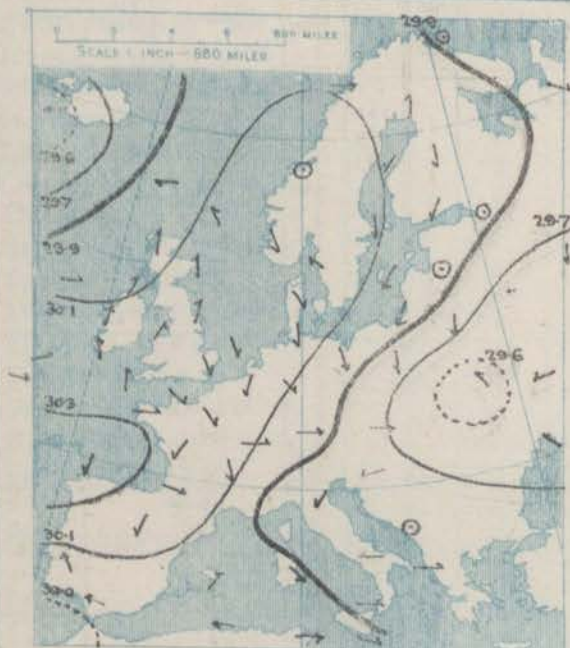
Saturday  
3rd July, 1909.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Gen. obs.	Rainfall.		
				At 3 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Dry Bulb.		Dir.	Force (0 to 12).	At 2 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.		Dir.	Force (0 to 12).				Max.	Min.
SCANDINAVIA.		Ins.	°	°	°	°	Ins.	Ins.	°	°	°	°	°	°	°	°	°	Hour.	Ins.		
Haparanda...		29.93	52	W	2	b	29.93	-0.01	54	49	-10	3	2	b	*	76	41	*	-		
Hernösand...		30.03	53	S	6	b	29.97	-1.13	61	55	+6	5	4	b	*	63	45	*	-		
Stockholm...		30.09	55	SW	2	c	30.06	-0.05	65	55	+8	SSW	4	bc	*	66	46	*	-		
Wisby...		30.10	53	2	0	b	30.09	-0.01	58	49	+7	2	0	b	*	57	41	*	-		
Karlstad...		30.07	64	W	2	b	30.05	-0.09	59	54	+1	SW	2	b	*	*	*	*	-		
Færder (X'lania Fjord)		30.04	59	S	4	c	29.97	-1.17	61	57	+3	S	1	b	2	63	55	*	-		
Bodö...		30.05	48	WSW	4	o	29.96	-1.13	50	47	+3	SE	2	b	1	50	45	*	-		
Christiansund...		30.10	54	2	0	b	29.89	-1.24	53	53	+4	2	0	bc	1	55	48	*	-		
Skudesnaes...		30.13	54	2	0	b	30.03	-1.16	56	52	+2	S	6	o	3	57	50	*	-		
ICELAND & FAEROE.																					
Isafjord...		29.60	55	ENE	5	b	29.66	-0.09	48	*	-7	2	0	b	*	*	*	*	*		
Reykjavik...		29.46	58	N	3	b	29.49	-1.10	50	*	-2	N	4	b	*	*	*	*	*		
Seydisfjord...		29.62	53	2	0	r	29.36	-1.24	50	*	+1	2	0	r	*	*	*	*	*		
Thorshavn...		29.77	53	SW	3	o	29.57	-1.42	51	*	-1	WSW	4	m	*	*	*	*	*		
BRITISH ISLANDS.																					
Sumburgh Head		30.00	50	SE	3	o	29.82	-1.34	52	51	+5	SW	2	o	2	54	46	o	-		
Stornoway...		29.98	57	WSW	5	c	29.80	-1.29	55	55	-2	WSW	2	r	3	63	53	o, c, m, d, o	0.07		
Castlebay (Barra Id.)		30.04	55	WSW	4	o	29.87	-1.22	55	56	+1	W	4	df	4	57	52	o, d, p, s	0.09		
Malin Head		30.03	56	SW	2	omp	29.94	-1.14	57	57	0	SSW	4	rm	2	61	54	om, o, m	0.05		
Blacksod Pt.		30.13	58	SW	3	c	29.96	-1.14	58	56	+2	SSW	4	rm	4	62	55	om, bc, om	0.05		
Valencia		30.20	57	W	2	o	30.12	-0.02	59	58	0	S	1	omd	3	63	56	om, b, o, r	0.06		
Roche's Point		30.18	60	S	3	f	30.14	-0.05	59	58	+1	SW	1	c	2	63	52	of, c	-		
Birr Castle		30.12	68	WSW	3	c	30.06	-0.09	62	60	-1	SW	3	o	*	69	55	b, c	2.3		
Donaghadee		30.12	62	SSW	1	o	30.03	-1.15	58	57	+4	WSW	4	bc	3	67	54	bc, o	-		
Liverpool Obsy...		30.18	65	W	1	b	30.10	-1.14	61	58	+6	SSW	3	o	3	74	54	b	13.1		
Holyhead		30.17	59	SW	4	omd	30.10	-1.11	55	56	-2	SW	3	f	2	65	54	om, c	0.02		
Pembroke (St. Ann's Hd.)		30.21	59	SSW	3	b	30.14	-1.07	56	56	0	S	3	df	4	62	55	bc, m, f	0.5		
Scilly (St. Mary's)		30.24	64	S	3	bc	30.16	-1.08	59	56	+1	SSW	3	omd	1	66	58	bc	12.5		
Jersey (St. Aubins)		30.17	65	NW	3	b	30.26	-1.00	60	56	0	SE	1	b	2	65	44	bc, om, f	16.7		
Portland Bill		30.24	59	SW	1	om	30.21	-0.02	57	56	+1	SW	3	b	2	63	55	b, bc	13.4		
Dungeness		30.23	59	SSW	2	bc	30.21	-0.01	58	56	+5	SSW	1	b	1	63	48	bc	7.8		
Dover		*	*	*	*	*	30.22	-0.03	61	56	+8	SSW	1	b	1	68	46	c, bc, b	8.2		
Wick		29.98	58	S	2	bc	29.82	-1.30	56	52	+5	S	2	bc	1	65	49	-	-		
Nairn		30.01	64	SW	2	c	29.85	-1.29	57	54	+8	WSW	3	c	1	69	49	o, c, g, c	2.5		
Aberdeen		30.04	63	S	2	c	29.89	-1.29	61	56	+10	SSW	1	c	2	66	51	bc, g, b, c, g	6.2		
Leith		30.09	67	SW	2	o	29.96	-1.25	59	56	+7	WSW	3	o	*	69	52	of, o, c	0.05		
North Shields		30.14	66	S	3	c	30.02	-1.20	61	59	+11	SW	3	c	2	70	46	om	6.7		
Spurn Head		30.20	56	SE	3	b	30.09	-1.19	61	56	+14	SW	3	c	3	61	47	bc, c	-		
Yarmouth		30.26	59	NE	3	bc	30.18	-1.06	59	56	+5	SW	2	bc	3	62	52	bc	13.1		
Clacton-on-Sea		30.25	60	E	1	bc	30.21	-0.03	60	56	+8	WSW	2	bc	1	65	52	c, bc, bc	8.7		
Nottingham		30.21	69	SSW	2	b	30.14	-1.15	58	56	+10	SW	3	bc	*	71	48	om, b, bc	11.8		
Bath		30.26	70	NE	3	b	30.24	-0.07	59	56	+5	SW	1	bc	*	72	53	-	10.7		
Oxford		30.23	64	S	1	b	30.20	-1.10	58	56	+8	SW	3	c	-	71	49	b	-		
London (St. James's Pk)		30.23	67	SE	1	o	30.20	-1.06	57	53	+7	SSW	1	bc	*	69	50	bc, og, o	7.6		
GERMANY, & C.																					
The Scaw (Skagen)		30.12	59	WSW	2	b	30.06	-1.09	58	54	-2	WSW	4	c	1	70	50	*	-		
Fanø		30.18	53	WSW	2	bc	30.13	-1.00	60	56	0	W	1	b	*	64	48	*	-		
Cuxhaven†		30.17	62	NW	3	b	30.19	+1.04	60	57	+1	NW	1	b	*	63	55	*	-		
The Helder		30.24	58	NNE	2	b	30.23	+1.02	60	53	+1	SSW	1	b	0	64	46	*	-		
Brussels		*	*	*	*	*	30.23	+1.06	60	55	+2	2	0	b	*	70	46	*	-		
Berlin†		30.09	60	N	4	b	30.17	+1.20	59	58	+1	NNE	2	b	*	68	50	*	-		
Frankfurt†		30.15	59	SW	3	c	30.19	+1.15	57	73	-1	N	1	bc	*	64	46	*	-		
Munich†		30.10	50	W	3	r	30.16	+1.12	50	100	+3	NW	2	o	*	52	47	*	0.56		
FRANCE.																					
C. Gris Nez		30.23	58	NNE	2	bc	30.23	+1.02	62	57	+8	2	0	m	0	64	52	*	-		
La Hève		30.27	54	N	3	bc	30.28	+1.02	55	50	+2	SSW	1	m	1	57	48	*	-		
Brest		30.30	61	NW	1	b	30.26	-0.01	57	56	-1	2	0	m	1	73	52	*	-		
Lorient		30.22	64	W	4	b	30.23	+1.01	56	53	+1	E	3	b	2	68	54	*	-		
Rocheport		30.21	65	WNW	4	b	30.25	+1.03	62	59	+7	2	0	b	*	70	58	b	-		
Biarritz		30.22	63	NNW	3	b	30.24	-1.00	63	59	+1	2	0	b	2	66	55	*	-		
Paris		30.18	66	N	3	b	30.24	+1.13	57	54	+3	N	2	b	*	68	49	*	-		
Belfort		30.15	53	2	0	r	30.20	+1.12	54	50	-3	ENE	4	m	*	61	49	*	0.16		
Lyons		30.17	61	N	5	c	30.12	+1.02	55	52	0	N	1	b	*	65	52	*	-		
Nice		29.80	63	NNE	3	bc	29.83	+1.04	70	57	+6	2	0	b	1	77	55	*	-		
Perpignan		30.01	70	NW	4	bc	30.00	-1.04	64	56	-2	NW	6	o	*	76	60	*	-		
Sanguinaire		29.80	70	N	3	m	29.75	-1.01	73	65	+5	E	2	m	4	*	*	*	-		
SPANISH PENIN.																					
Corunna		30.25	63	NNW	3	b	30.25	-1.11	62	57	+1	N	1	b	2	64	55	*	-		
Lisbon		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Azores (P. Delgada)		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
" Horta		30.49	48	2	0	b	30.45	-1.03	68	64	-1	2	0	b	1	75	63	*	-		

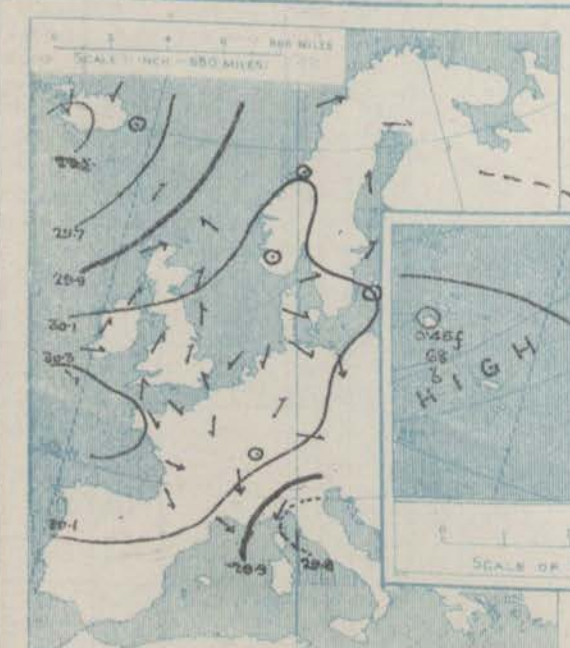


**SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY**

**7 A.M. YESTERDAY**

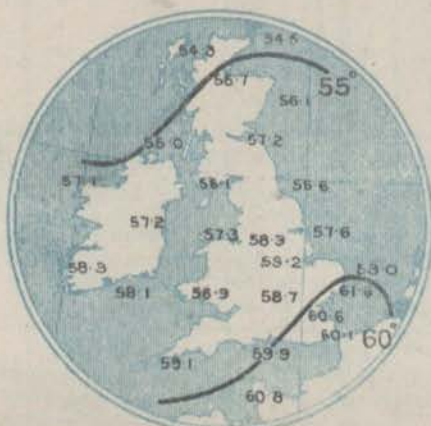


**6 P.M. YESTERDAY**



**AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE TWO MONTHLY PERIOD  
JUNE - JULY**

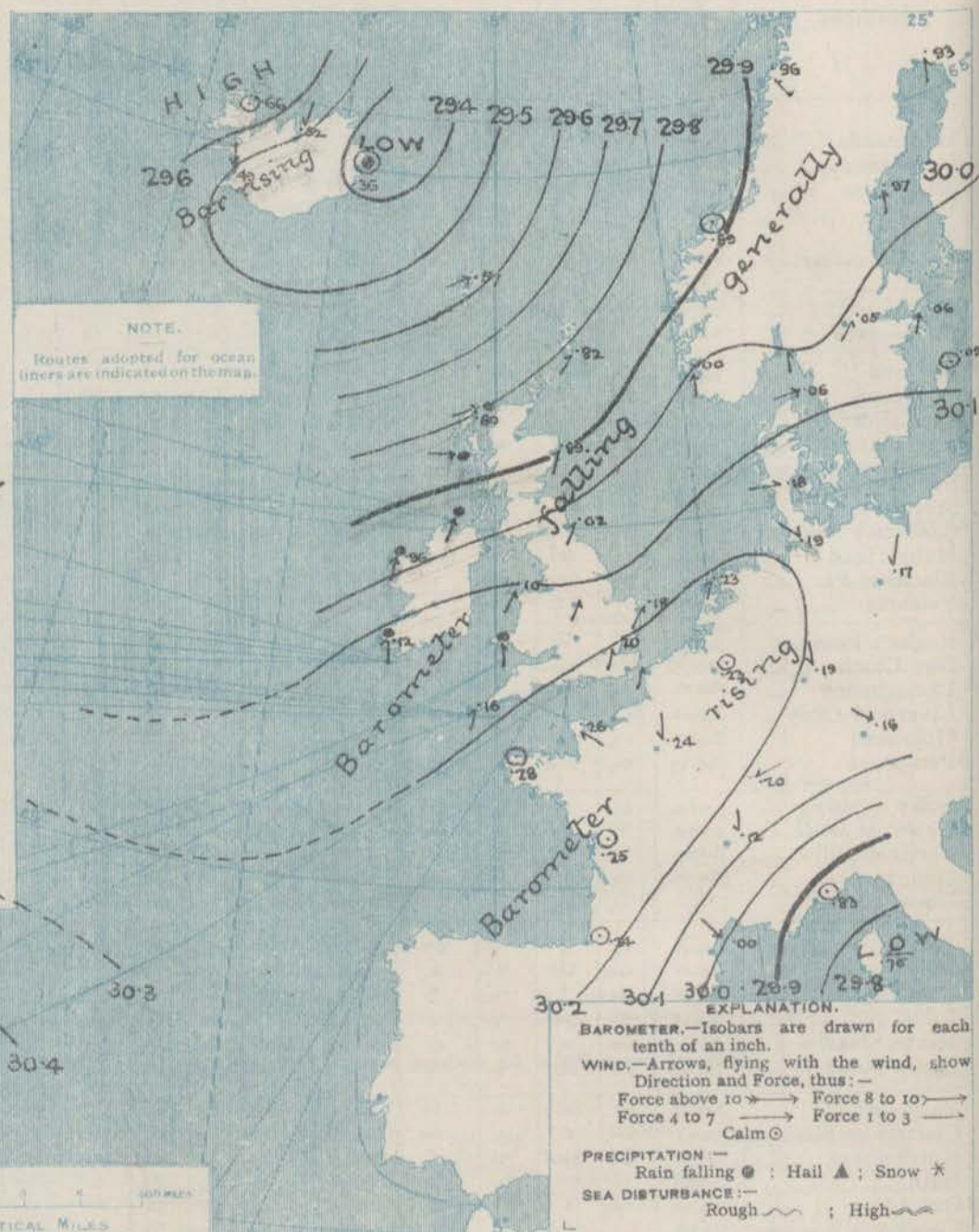
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



*Saturday*

**WEATHER** 3<sup>rd</sup> July.

**1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.**



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

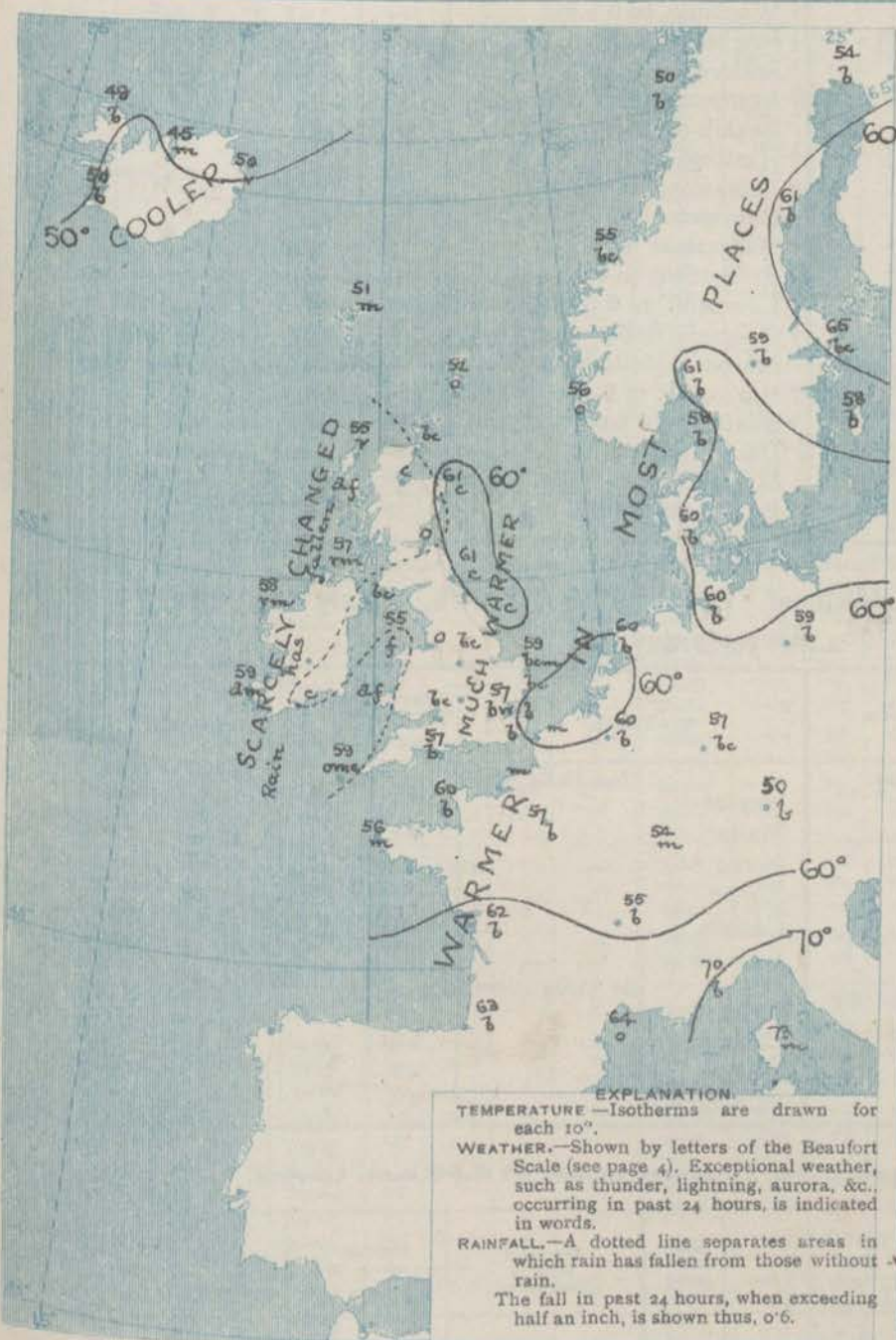
The depression noticed yesterday in the neighbourhood of Iceland is spreading southwards and eastwards, and the barometer is falling over north-western Europe generally. An anticyclone now extends from the southern portions of the North Atlantic across Spain, the Bay of Biscay, France and the south of England.

A light to moderate breeze from the south-westward prevails over the whole of the United Kingdom and as far north as the Faeroe Islands; in western Ireland the wind is shifting to North and North-East. In the anticyclonic region over France calms or light North-easterly airs are reported. Temperature has risen decidedly over England and Scotland, and is now slightly above 60° on our north-east coasts in other districts it is below that level, and is in fair agreement with the normal. The weather is fine over England, the east of Scotland and the western parts of the Continent generally. Rain and mist prevail on the west coasts of Ireland and Scotland, and fog is reported on the Welsh coasts, with drizzling rain at Pembroke. The sea is slight or smooth generally.



# CHARTS 3<sup>rd</sup> July, 1909

## 2. TEMPERATURE AND WEATHER AT 7 A.M. TO DAY.



### NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometers rose to 70° and upwards in several parts of England, Wales and Ireland, but at some of our east coast stations it did not reach 60°. In Ireland and Scotland the duration of bright sunshine was small, but over a large portion of England and Wales it amounted to between 12 and 14 hours. Slight rain has fallen at many of our western and northern stations. Wireless reports show that as far west as the 17th Meridian steamers experienced yesterday light westerly breezes and dull, misty weather.

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

The northern depression will probably move eastward, and will be accompanied by small secondary disturbances which will pass directly across the United Kingdom. A gradual extension of unsettled weather is, therefore, probable, but over our eastern and south-eastern counties the conditions will remain fine throughout the greater part of to-day, with a temperature somewhat above the normal.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 { South-Westerly winds, light or moderate; dull, some rain and mist, Temperature about the normal.
- 1 { South-Westerly winds, light; fair and warm to-day, Some rain to-night or to-morrow.
- 2 {
- 3 {
- 4 { Southerly and South-Westerly winds, light; fine and warm to-day, Some rain tomorrow.
- 5 {
- 6 { Same as No. 0.
- 7 { Southerly and South-Westerly winds, moderate; dull, some rain and mist, Temperature about the normal.
- 8 {
- 9 { Same as No. 0.
- 10 {

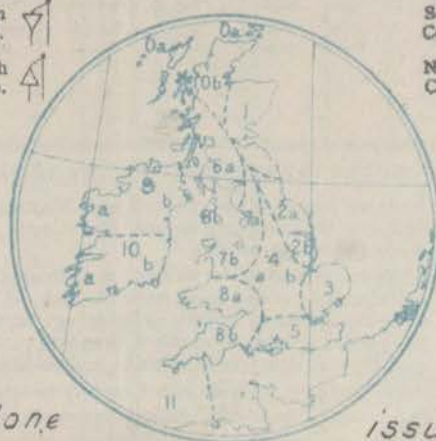
II WESTERN CHANNEL AND BAY  
 Light to moderate S. and S.W. winds, With a slight sea. Some rain and mist mouth Channel, finer further south.

### FORECAST DISTRICTS.

Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—  
 Signals hoisted yesterday.      Signals hoisted this morning.

South Cone. North Cone.

South Cone. North Cone.





# DAILY WEATHER REPORT.

Saturday, 3rd July 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max. °	Min. °					Max. °	Min. °			
Stonehaven, to 6 p.m. ...	69	49	c. od	0.1	0.01	+ Worthing, to 6 p.m. ...	64	48	b. c. b	14.3	-
Oban, to 6 p.m. ...	73	53	b. c. o	-	0.01	+ Brighton, to 6 p.m. ...	64	47	"	14.3	-
Dublin (City), to 4 p.m. ...	68	47	b	-	-	+ Seaford, to 6 p.m. ...	65	46	b. c. b	12.1	-
Rossall Beach, to 6 p.m. ...	70	46	b. c	11.2	-	+ Eastbourne, to 6 p.m. ...	64	47	"	10.8	-
Blackpool, to 9 p.m. ...	71	48	b. c	13.0	-	Bexhill-on-Sea, to 9 p.m. ...	64	48	"	11.0	-
Southport, to 9 p.m. ...	69	47	b	13.7	-	+ Hastings ...	65	49	b. c. b. c	10.2	-
+ Rhyl, to 6 p.m. ...	70	53	b	12.0	-	+ Folkestone, to 6 p.m. ...	63	50	o. b	7.6	-
+ Colwyn Bay, to 6 p.m. ...	71	51	b. c. c	12.1	-	+ Ramsgate, to 6 p.m. ...	61	46	"	7.1	-
Llandudno, to 9 p.m. ...	73	45	b	10.0	-	+ Margate, to 6 p.m. ...	59	51	o. c. b	13.4	-
Bettws-y-Coed, to 6 p.m. ...	68	46	b	13.3	-	+ Felixstowe, to 6 p.m. ...	58	48	c. b	11.3	-
Towyn, to 6 p.m. ...	64	51	"	12.0	-	+ Lowestoft, to 6 p.m. ...	69	42	b. c	10.2	-
Aberystwyth, to 6 p.m. ...	67	53	"	8.7	-	Scarborough, to 9 p.m. ...	70	37	b. c. b. c	6.6	-
Plymouth, to 9 p.m. ...	67	46	b	13.4	-	+ Harrogate, to 6 p.m. ...	70	47	b. c. b	13.3	-
+ Torquay, to 6 p.m. ...	67	44	b	13.5	-	+ Buxton, to 6 p.m. ...	74	56	b. c. o	9.3	-
+ Weymouth, to 6 p.m. ...	67	46	"	12.3	-	Darwen, to 9 p.m. ...	70	45	o. c. b. c	11.8	-
+ Bournemouth, to 6 p.m. ...						Manchester, to 9 p.m. ...					
Southsea, to 6 p.m. ...						Birmingham, to 9 p.m. ...					

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 2nd July 1909.	59	54	o. a	Ins. 0.04	Naples ... 2nd July 1909.	74	62	b. b. c	Ins.
Aix-la-Chapelle ...	64	53	c. b	-	Malta ...	80	69	"	-
Copenhagen ...	64	49	b. o	-	Berne ...	"	"	o. r	0.12
Oxö (Christiansand) ...	61	50	r. r	0.51	Zurich ...	"	"	o. r	0.12
St. Petersburg ...	68	54	c. r	-	Geneva ...	"	"	b. c. b	0.04
Vienna ...	73	52	r. o	1.34	Lugano ...	"	"	b. b	-
Buda-Pesth ...	73	59	b. c	-	Coire ... 1st July 1909.	1.30 p.m.	1.30 p.m.	o	Measured 7.30 a.m. 0.47
Hermanstadt ...	78	56	b. b	-	Castasegna ...	66	"	b	-
Trieste ...	78	62	b. b	-	Davos ...	43	"	o	1.14
Florence ...					St. Gothard ...	34	"	b. c	0.32
Rome ...									

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
Victorian	50N	27W	29.54	SW	6-7	-	-	-	-	-	Teutonic	50N	27W	29.54	SW	6-7	-
	54N	27W	29.63	WSW	4-5	-	-	-	-	-		54N	27W	29.63	WSW	4-5	-
	54N	21W	29.89	SW	4-5	-	-	-	-	-		54N	21W	29.89	SW	4-5	-
	54N	19W	29.90	WSW	4-5	-	-	-	-	-		54N	19W	29.90	WSW	4-5	-
Teutonic	55N	14W	30.04	SE	1-3	-	-	-	-	-	St Louis	49N	17W	30.24	WNW	1-3	-
	55N	12W	30.08	WSW	1-3	-	-	-	-	-		49N	17W	30.24	WNW	1-3	-
	50N	15W	30.16	W	1-3	-	-	-	-	-		49N	17W	30.24	WNW	1-3	-
	50N	16W	30.20	WSW	1-3	-	-	-	-	-		49N	17W	30.24	WNW	1-3	-
St Louis	46N	30W	29.87	S	4-5	-	-	-	-	-	St Louis	49N	17W	30.24	WNW	1-3	-
	47N	29W	30.06	SSW	4-5	-	-	-	-	-		49N	17W	30.24	WNW	1-3	-
	47N	25W	30.13	SSW	4-5	-	-	-	-	-		49N	17W	30.24	WNW	1-3	-
	48N	24W	30.19	WSW	4-5	-	-	-	-	-		49N	17W	30.24	WNW	1-3	-
St Louis	49N	18W	30.26	W	1-3	-	-	-	-	-	St Louis	49N	17W	30.24	WNW	1-3	-
	49N	17W	30.24	WNW	1-3	-	-	-	-	-		49N	17W	30.24	WNW	1-3	-
	49N	17W	30.24	WNW	1-3	-	-	-	-	-		49N	17W	30.24	WNW	1-3	-
	49N	11W	30.31	NW	1-3	-	-	-	-	-		49N	11W	30.31	NW	1-3	-

### NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
63, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

*Sunday*  
4th July, 1909.

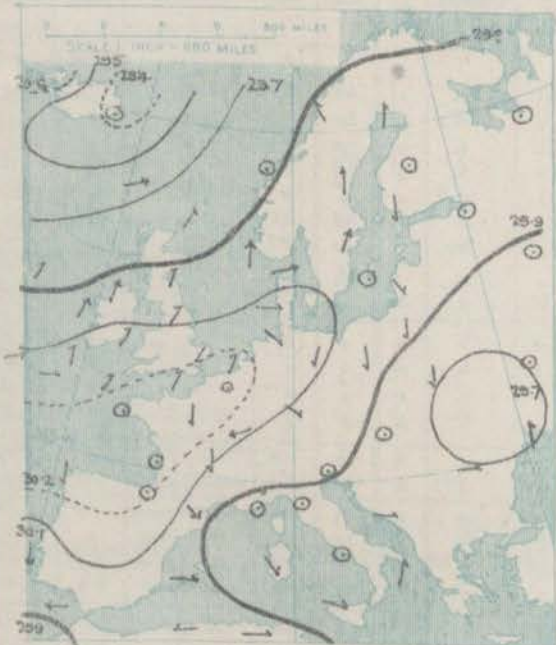
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 6).	TEMP.		Weather.	Sun. shine.	Rainfall.		
		At 32° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Force (0 to 13).	At 32° Fahr. and M.S.L. Lat. 45°		Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 13).	Max.		Min.						
SCANDINAVIA.																					
	Haparanda...	29.91	54	S	2	b	29.97	+0.04	55	50	+1	SSW	4	b	0	63	39	*	*	-	
	Hernösand...	29.95	54	S	4	b	29.92	-0.03	61	57	0	S	6	b	0	64	45	*	*	-	
	Stockholm...	30.03	56	SSW	2	c	30.02	-0.04	66	58	+1	S	2	b	0	70	50	*	*	-	
	Wisby...	30.05	56	SE	2	b	30.05	-0.04	65	54	+7	SSW	4	b	0	65	43	*	*	-	
	Karlstad...	29.98	61	SSW	4	bc	29.96	-0.09	61	55	+2	S	2	c	2	63	55	*	*	-	
	Færder (X'ania Fjord)	29.94	59	SW	6	o	29.87	-1.10	56	55	-6	S	4	T	2	63	55	*	*	-	
	Bodö...	29.84	60	ENE	1	b	29.76	-0.20	59	54	+9	ESE	2	bc	1	61	48	*	*	-	
	Christiansund...	29.80	53	2	0	o	29.72	-0.17	56	54	+1	2	0	m	1	56	52	*	*	0.04	
	Skudesnaes...	29.84	56	S	6	T	29.75	-0.25	56	55	0	S	6	o	4	57	52	0.7	*	0.39	
ICELAND & FAEROE.																					
	Isafjord...	29.74	45	NE	7	b	29.80	+0.14	47	*	-1	2	0	b	*	*	*	*	*	*	
	Reykjavik...	29.67	56	N	5	b	29.80	+0.31	51	*	+1	N	1	b	*	*	*	*	*	*	
	Seydisfjord...	29.48	51	ENE	5	o	29.65	+0.29	46	*	-4	SW	8	c	*	*	*	*	*	*	
	Thorshavn...	29.49	51	WSW	4	r	29.67	+0.10	51	*	0	2	0	c	*	*	*	*	*	*	
BRITISH ISLANDS.																					
	Sumburgh Head	29.70	54	SW	2	m	29.71	-0.11	50	50	-2	SW	3	o	3	56	48	c, m	*	0.15	
	Stornoway...	29.72	57	W	5	r	29.84	+0.04	53	52	-2	W	4	x	3	61	52	odfm, q, dfr	0.0	0.11	
	Castlebay (Barra Id.)	29.80	55	WNW	4	dm	29.91	+0.04	54	53	-1	WNW	3	bc	3	57	53	rmv, odmv, op, c	0.0	0.23	
	Malin Head	29.85	56	SW	4	om	29.95	+0.01	54	53	-3	W	3	bc	2	60	51	omv, rmv	0	0.59	
	Blacksod Pt.	30.00	58	W	5	op	30.08	+0.12	55	53	-3	W	4	c	4	60	52	cmv, omv	*	0.26	
	Valencia...	30.08	58	W	3	c	30.17	+0.05	55	52	-4	WNW	4	o	4	62	54	omv, omv, c	0.0	0.06	
	Roche's Point...	30.03	65	NW	3	c	30.13	-0.01	56	53	-3	NW	2	c	2	66	54	cf, cg, c	*	-	
	Birr Castle...	29.99	64	SW	3	o	30.09	+0.03	57	54	-6	WSW	3	c	*	67	52	op, c	0.1	0.13	
	Donaghadee...	29.87	67	WNW	4	bc	29.99	-0.04	55	53	-3	WNW	2	c	2	69	52	op, bc, bc	*	0.35	
	Liverpool Obsy...	29.95	63	SSW	3	o	29.99	-0.11	56	52	-6	W	4	bc	4	70	54	bc, op, or	2.2	0.06	
	Holyhead...	29.96	56	WSW	4	rf	30.03	-0.07	56	54	+1	NW	4	c	3	60	52	dfr, rf	*	0.35	
	Pembroke (St. Ann's Hd.)	30.03	57	SW	4	f	30.06	-0.08	54	53	-2	NW	3	cg	4	59	53	fd, p, fd	0.0	0.04	
	Scilly (St. Mary's)	30.13	62	SSW	3	om	30.09	-0.07	58	55	-1	NW	4	o	1	65	57	o, omv	0.0	-	
	Jersey (St. Aubins)	30.19	64	WNW	3	bc	30.08	-0.13	59	58	-1	W	4	m	3	70	58	c, bc, omv	12.8	0.07	
	Portland Bill	30.11	58	SW	2	o	30.00	-0.21	58	58	+1	NW	2	c	3	63	56	o, bc, fd	7.0	0.06	
	Dungeness...	30.11	64	SW	4	bc	29.98	-0.23	57	57	-1	SW	4	fe	4	63	55	bc, or, f	13.8	0.10	
	Dover...	*	*	*	*	*	30.00	-0.22	58	56	-3	SW	1	T	1	64	55	b, bc, and	14.6	0.08	
	Wick...	29.70	60	S	1	r	29.80	-0.02	53	52	-3	N	1	d	2	66	51	*	*	0.35	
	Nairn...	29.72	64	WSW	2	c	29.83	-0.02	56	52	-1	WSW	2	c	1	68	51	c, bc, c	3.3	0.01	
	Aberdeen...	29.75	64	SSW	2	c	29.84	-0.05	58	54	-3	SW	1	bc	2	73	54	c, bc, op, bc	3.6	0.02	
	Leith...	29.78	64	SSW	3	r	29.89	-0.07	58	54	-1	SW	2	c	*	66	53	bc, r, od, o	*	0.09	
	North Shields	29.89	63	SSW	3	r	29.90	-0.12	59	55	-2	W	4	c	2	70	52	o, r	2.8	0.06	
	Spurn Head	29.97	66	SW	4	c	29.91	-0.18	59	57	-2	WNW	3	bc	3	72	55	c, cp	*	0.17	
	Yarmouth...	30.04	68	S	2	bc	29.93	-0.25	61	60	+2	W	2	op	3	75	56	bc	11.0	0.12	
	Clacton-on-Sea	30.07	67	S	3	bc	29.96	-0.25	60	60	0	WSW	2	r	2	68	59	bc, c, or	13.0	0.26	
	Nottingham	30.00	65	WSW	4	c	29.96	-0.18	60	56	+2	NW	4	bc	*	70	58	bc, c, ep	2.2	0.04	
	Bath...	30.12	61	W	1	o	30.06	-0.18	61	59	+2	W	1	o	*	67	58	*	?	0.11	
	Oxford...	30.06	62	SW	3	o	30.00	-0.20	63	59	+6	NW	2	c	*	71	57	c, op, bc	*	0.02	
	London (St. James's Pk)	30.06	68	SW	3	c	29.97	-0.23	61	60	+4	WSW	1	op	*	72	57	bc, c, or	11.7	0.10	
GERMANY, & C.																					
	The Scaw (Skagon)	30.02	61	SW	3	c	29.91	-0.15	59	56	+1	SSW	4	o	1	70	52	*	*	-	
	Fanö...	30.07	58	SW	4	o	29.95	-0.23	62	57	+2	SSW	4	o	*	66	57	*	*	-	
	Cuxhaven†...	30.14	64	N	2	c	29.99	-0.20	62	53	-1	S	2	o	*	66	55	*	*	-	
	The Helder	30.10	60	SW	2	c	29.96	-0.27	57	55	-3	SW	4	o	*	64	54	*	*	0.12	
	Brussels...	*	*	*	*	*	30.04	-0.19	58	55	-2	WSW	1	o	*	73	52	*	*	-	
	Berlin†...	30.13	68	NW	1	c	30.10	-0.07	64	61	+5	2	o	b	*	75	55	*	*	-	
	Frankfurt†...	30.12	62	NE	1	b	30.09	-0.10	61	66	+4	SE	1	b	*	72	46	*	*	-	
	Munich†...	30.15	56	S	1	o	30.11	-0.08	57	56	+7	SE	3	b	*	59	45	*	*	-	
FRANCE.																					
	C. Gris Nez	30.18	61	SW	2	m	30.01	-0.22	57	57	-5	SW	4	f	4	64	55	*	*	0.16	
	La Hève	30.16	67	WNW	1	b	30.06	-0.22	57	53	+2	SSW	3	r	3	68	52	*	*	0.04	
	Brest...	30.23	62	SW	2	o	30.14	-0.14	58	58	+1	WNW	2	f	2	73	57	*	*	-	
	Lorient	30.17	64	WNW	4	b	30.10	-0.13	60	59	+4	W	3	f	2	72	56	*	*	-	
	Rochefort	30.19	67	NW	4	b	30.14	-0.11	62	61	0	NW	3	o	*	70	61	b, o	*	-	
	Biarritz	30.20	65	NW	3	b	30.17	-0.07	63	62	0	W	2	o	2	65	59	*	*	-	
	Paris...	30.14	68	N	1	b	30.09	-0.15	58	55	+1	SSW	1	o	*	73	52	*	*	-	
	Belfort...	30.13	64	ENE	4	c	30.12	-0.08	57	54	+3	2	o	m	*	68	49	*	*	-	
	Lyons...	30.08	68	N	4	b	30.10	-0.02	62	55	+7	NNE	2	b	*	73	54	*	*	-	
	Nice...	29.92	69	WSW	2	bc	29.98	+0.15	71	58	+1	2	o	b	0	79	63	*	*	-	
	Perpignan	30.02	73	NW	6	o	30.07	+0.07	70	59	+6	W	2	b	*	76	61	*	*	-	
	Sanguinaire																			-	
SPANISH PENIN.																					
	Corunna	30.21	66	N	3	b	30.21	-0.04	62	59	0	N	1	b	2	66	55	*	*	-	
	Lisbon	30.05	73	NW	5	b	30.01	+0.04	75	66	0	2	o	b	0	88	63	*	*	-	
	Azores (P. Delgada)	30.39	68	NE	4	c	30.38	-0.02	68	64	-1	ENE	4	b	4	73	66	*	*	-	
	" Horta	30.45	69	NNE	2	b	30.43	-0.02	70	65	+2	NNE	4	b	2	75	66	*	*	-	



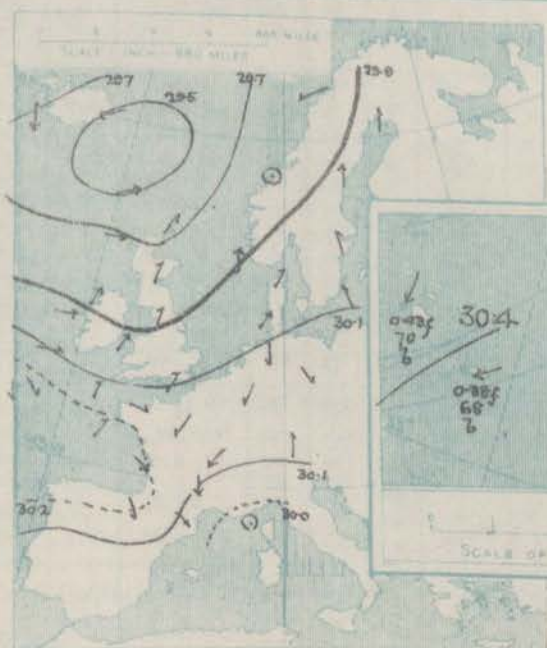
# SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

FOR 7 A.M. AND 6 P.M. YESTERDAY

7 A.M. YESTERDAY.



6 P.M. YESTERDAY



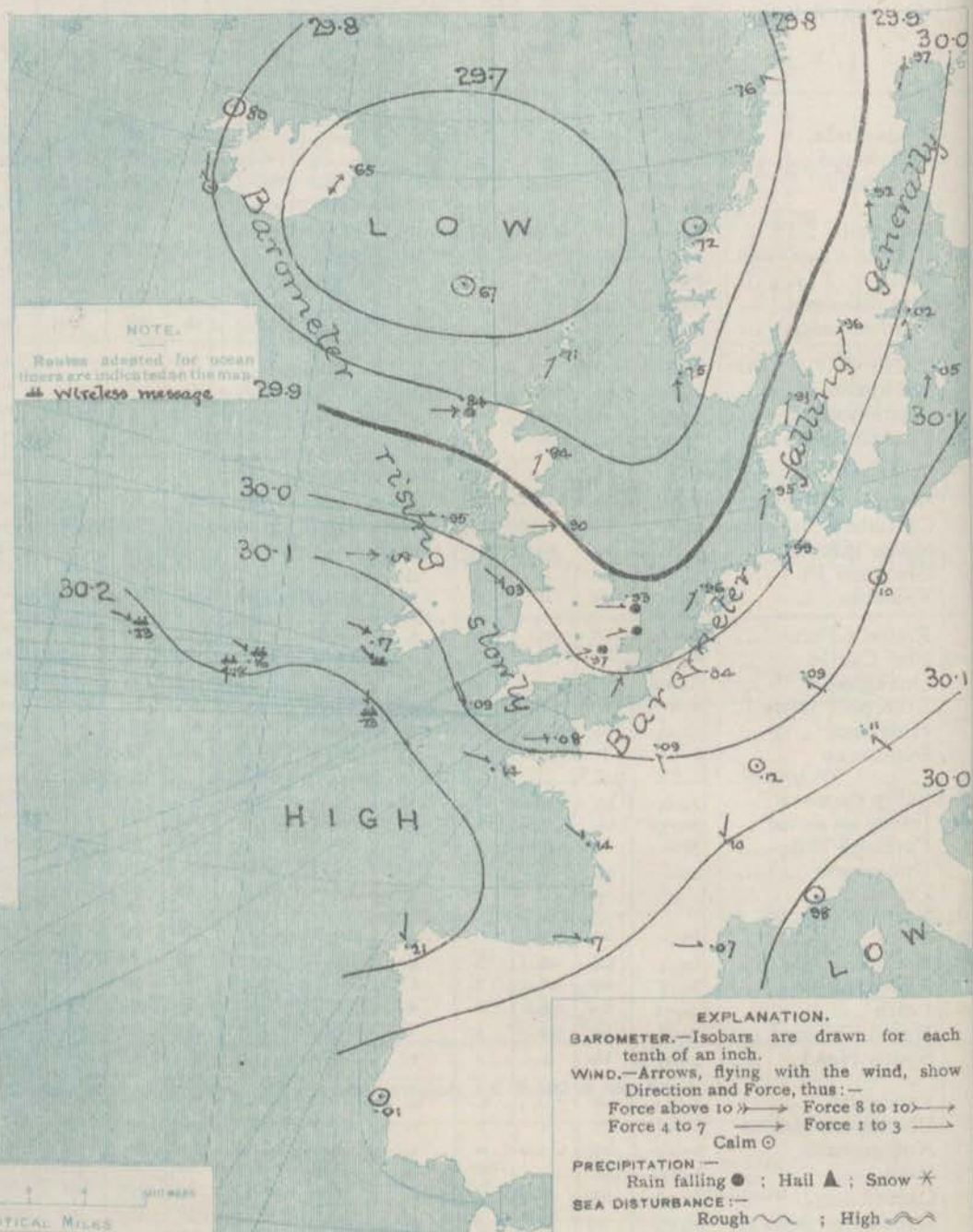
## AVERAGES OF TEMPERATURE AT 8 A.M. FOR THE TWO MONTHLY PERIOD JUNE - JULY

(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Sunday, WEATHER 4<sup>th</sup> July.

## 1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



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

A large depression with the barometer below 29.7 in covers most of the space between Norway and Iceland, while ill-defined secondary systems are shown over the North Sea and these Islands. The highest pressure, above 30.2 in., is found over the Bay of Biscay and the extreme northwest of Spain.

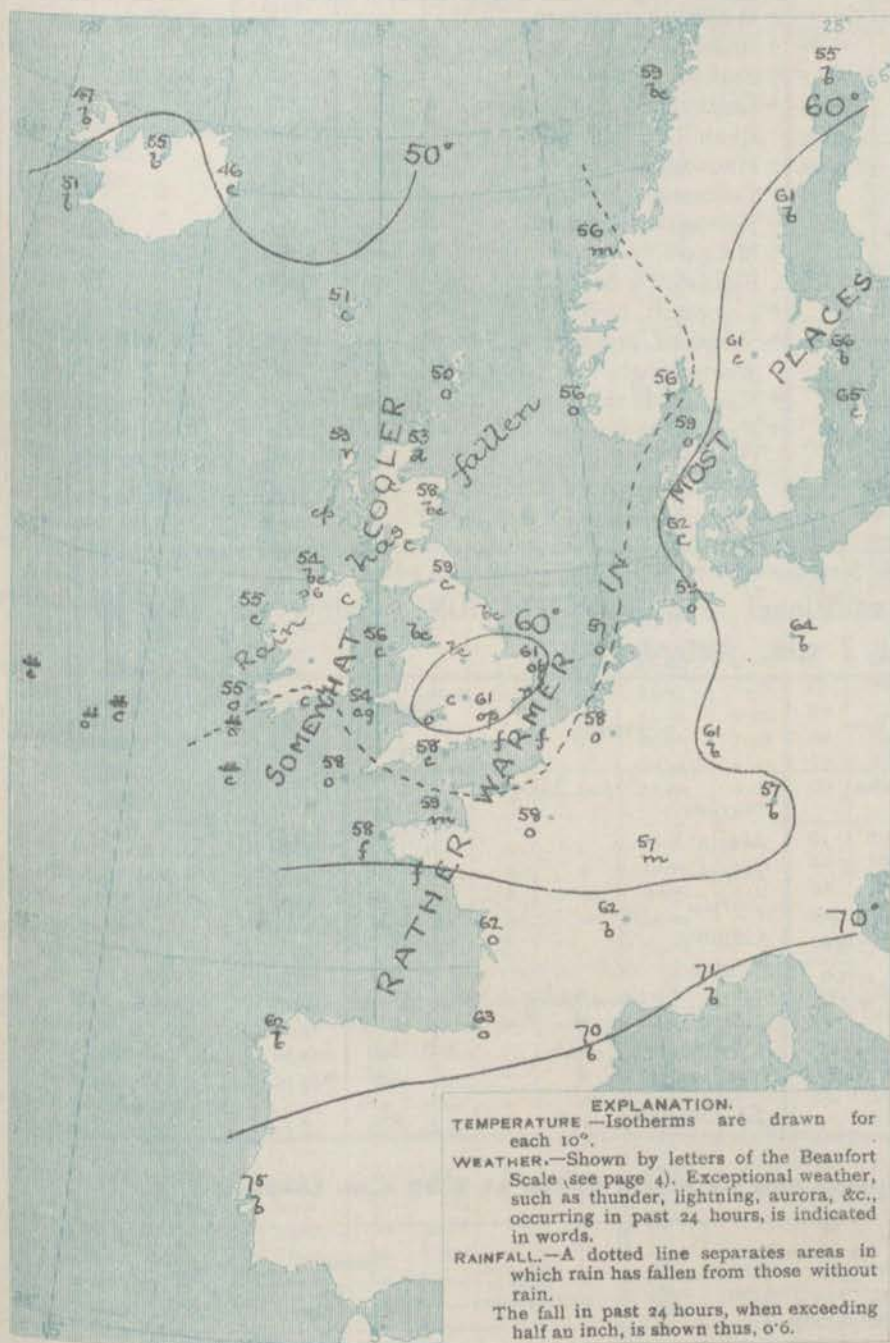
Light to moderate northwesterly or westerly winds prevail over the United Kingdom, and light to strong southerly breezes beyond the North Sea and also in Sweden. At Seydisfjord the wind is reported to be blowing a gale from Southwest.

Temperature has fallen slightly at most of our own stations but risen in the southeast of England and over the major portion of the continent. Readings are as high as 60° in many parts of England. Rain is falling in the Hebrides and the southeast of England, and also at La Hève and Faerder, and in many other regions there is much cloud. Over much of this country, however, the sky is inclined to clear.



# CHARTS 4<sup>th</sup> July, 1909.

## 2 TEMPERATURE AND WEATHER AT 7 A.M TO DAY



### NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to 70° or rather higher in several parts of England and Wales, and in most places the night was milder than of late. Rain has fallen in nearly all parts of our Islands, the largest measurement being 0.6 in. at Malin Head. Many hours of bright sunshine were recorded in the south and southeast of England, little in the west and north. According to wireless reports moderate breezes from some westerly point were prevalent yesterday on the Atlantic as far west as the 20th Meridian.

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

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 { a  
b
- 1
- 2 { a  
b
- 3
- 4 { a  
b
- 5
- 6 { a  
b
- 7 { a  
b
- 8 { a  
b
- 9 { a  
b
- 10 { a  
b

None Issued.

### 11 WESTERN CHANNEL AND BAY.

### FORECAST DISTRICTS.

Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

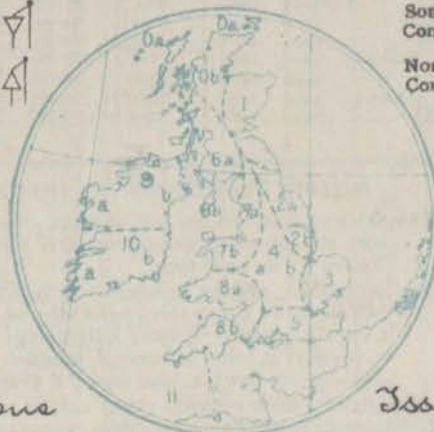
Signals hoisted this morning.

South  
Cone.

South  
Cone.

North  
Cone.

North  
Cone.





Sunday 4th July 1909.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max. °	Min. °					Max. °	Min. °			
Stonehaven, to 6 p.m. ...	*	*	*			+ Worthing, to 6 p.m. ...	64	48	c. 6c.c	12.2	
Oban, to 6 p.m. ...	66	53	m. 01	0.0	0.33	+ Brighton, to 6 p.m. ...			"		
Dublin (City), to 4 p.m. ...	70	58	c. 10. 09	*	0.22	+ Seaford, to 6 p.m. ...	64	48	m. 0	11.5	
Rossall Beach, to 6 p.m. ...	65	56	c. 0. c	*	0.06	+ Eastbourne, to 6 p.m. ...			*	13.2	
Blackpool, to 9 p.m. ...	66	56	0. c. 01. 0	0.5	0.12	Bexhill-on-Sea, to 9 p.m. ...	62	53	*	12.6	
Southport, to 9 p.m. ...	67	58	0. 01. 0	0.5	0.21	+ Hastings ...	*	*	*	13.9	
+ Rhyl, to 6 p.m. ...			*	4.5		+ Folkestone, to 6 p.m. ...	65	48	6	14.2	
+ Colwyn Bay, to 6 p.m. ...	69	59	6. 0	9.5	-	+ Ramsgate, to 6 p.m. ...	*	*	*	13.8	
Llandudno, to 9 p.m. ...	71	58	c. 6c. T. c	4.0	0.16	+ Margate, to 6 p.m. ...	73	51	6	10.8	
Bettws-y-Coed, to 6 p.m.					*	Felixstowe, to 6 p.m. ...	68	55	*	11.6	
Towyn, to 6 p.m. ...	63	56	r. 0m. 0	0.0	0.09	+ Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	63	56	*	0.0	-	+ Skegness, to 6 p.m. ...	70	58	c. 7. 6c.c	5.2	
Plymouth, to 9 p.m. ...	66	54	ed. 0	0.0	-	Scarborough, to 9 p.m. ...	69	57	0. c	1.5	
Torquay, to 6 p.m. ...	67	54	*	0.0	-	+ Harrogate, to 6 p.m. ...	68	55	6c. c. 0. c	0.3	
+ Weymouth, to 6 p.m. ...	66	54	6. 6c. 0	7.0	*	+ Buxton, to 6 p.m. ...	62	51	6. 6c. c	5.4	
+ Bournemouth, to 6 p.m. ...	67	52	6c. 6	7.2	-	Darwen, to 9 p.m. ...	68	54	6c. 0p. 0m. 1	1.2	0.16
Southsea, to 6 p.m. ...			*			Manchester, to 9 p.m. ...	71	56	0. 01	0.2	0.01
						Birmingham, to 9 p.m. ...	68	53	c. 0	1.2	

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... <i>3rd July 1909.</i>	64	52	b. b	Ins.	Naples ... <i>3rd July 1909.</i>	74	63	b. bc	Ins.
Aix-la-Chapelle... ..					Malta... ..	75	65	b	-
Copenhagen ... ..	66	55	b. b	-	Berne ... ..	*	*	b. o	0.04
Oxö (Christiansand)... ..					Zurich ... ..	*	*	o. o	0.08
St. Petersburg ... ..	64	46	b. m	-	Geneva ... ..	*	*	bc. r	-
Vienna ... ..	57	54	r. r	0.57	Lugano ... ..	*	*	b. b	-
Buda-Pesth ... ..	61	?	r. c	0.20					
Hermanstadt ... ..	64	62	o. o	0.16	Coire ... .. <i>2nd July 1909.</i>	1.30 p.m.		1.30 p.m.	Measured
Trieste ... ..	77	59	bc. r	-	Castasegna... ..	57	*	o	7.30 a.m.
Florence ... ..	80	56	b. b	0.24	Davos... ..	64	*	b	-
Rome ... ..	79	59	o. b	-	St. Gothard ... ..	45	*	o	0.04
						36	*	m	0.08

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- tur- bance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.						
	Lat.	Long.		Direc.	Force.		Air.		Sea.			Lat.	Long.		Direc.	Force.							
							Dry Bulb.	Wet Bulb.															
	0	0	Inch.				0	0	0			0	0	Inch.									
Saxonia { 2nd July 4am	49N	28W	30.22	SW	4-5	-	-	-	-	-	Dominion { 2nd July 3pm	49N	30W	30.08	NNW	4-5	-						
" " 7am	49N	24W	30.21	SW	4-5	m	-	-	-	-	" " 6pm	50N	29W	30.11	NNW	4-5	-						
" " 3pm	50N	18W	30.13	SW	4-5	-	-	-	-	-	" " 6pm	49N	29W	30.25	SW	1-3	-						
" " 6pm	50N	20W	? 30.16	?	?	-	-	-	-	-	Moment { 2nd July 3pm	49N	29W	30.25	SW	1-3	-						
Tasmania { 2nd July 3pm	50N	20W	30.27	NNW	4-5	-	-	-	-	-	Royal { " " 6pm	49N	10W	30.26	NNW	1-3	-						
" " 6pm	49N	22W	30.23	NNW	4-5	m	-	-	-	-	" " 3rd July 4am	49N	12W	30.23	W	1-3	-						
" " 3pm	48N	26W	30.05	SW	4-5	-	-	-	-	-	" " 7am	49N	13W	30.24	WSW	4-5	-						
" " 6pm	49N	24W	30.05	SW	4-5	-	-	-	-	-	Jurisdiction { 2nd July 3pm	55N	9W	30.03	SW	4-5	-						
Aralic { 3rd July 4am	50N	20W	30.08	NW	6-7	-	-	-	-	-	" " 6pm	55N	10W	30.09	SW	4-5	-						
" " 7am	50N	19W	? 30.08	NW	4-5	C	-	-	-	-	" " 3rd July 4am	55N	14W	29.81	SW	6-7	-						
" " ? 3pm	50N	16W	30.09	NW	4-5	-	-	-	-	-	" " 7am	55N	16W	29.88	SW	6-7	-						
" " 6pm	50N	15W	30.09	NW	4-5	-	-	-	-	-	Cyprus { 2nd July 4am	48N	26W	30.13	SW	6-7	-						
" " 7am	47N	28W	30.19	SSW	4-5	-	-	-	-	-	" " 7am	49N	15W	29.64	SW	6-7	-						
" " 3pm	47N	26W	30.23	SSW	4-5	-	-	-	-	-	" " 3rd July 4am	49N	21W	30.16	NW	4-5	-						
" " 6pm	48N	23W	30.31	SSW	4-5	-	-	-	-	-	Embassy of { 3rd July 7am	49N	20W	30.16	NNW	4-5	-						
" " 3pm	48N	22W	30.31	SSW	4-5	-	-	-	-	-	Britain { " " 3pm	51N	10W	30.10	WSW	4-5	-						
" " 6pm	48N	18W	30.24	SSW	1-3	-	-	-	-	-	" " 7am	51N	12W	30.15	NNW	12	-						
" " 3rd July 4am	48N	18W	30.24	SSW	1-3	-	-	-	-	-	" " 3rd July 4am	51N	20W	29.90	SW	4-5	-						
" " 7am	49N	17W	30.25	SW	4-5	m	-	-	-	-	" " 7am	51N	28W	29.94	SW	4-5	-						
" " 3rd July 4am	49N	17W	30.25	SW	4-5	-	-	-	-	-	" " 3pm	52N	24W	29.99	SW	4-5	-						
" " 7am	49N	17W	30.25	SW	4-5	-	-	-	-	-	" " 6pm	53N	23W	29.98	SW	4-5	-						
" " 3rd July 4am	49N	17W	30.25	SW	4-5	-	-	-	-	-	Caesarea { 3rd July 4am	53N	18W	29.97	W	4-5	-						

‡ Received too late for insertion in Charts.

W. N. SHAW, (*Director.*)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

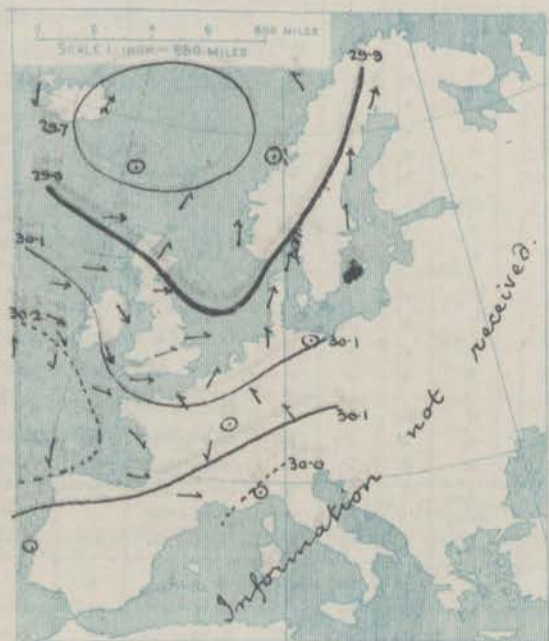
Monday,  
5th July 1909.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	WIND.		Weather.	Barometer.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun. shine.	Rainfall.	
At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Direc.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	At 8 <sup>30</sup> Fahr. and M.S.L. Lat. 45°	Max.	Min.	Hours.	Ins.						
SCANDINAVIA.	Haparanda...	29.95	56	WSW	4	bc	29.95	-0.2	58	50	+3	SW	4	b	*	63	45	*	*	-	
	Hernösand...	29.88	57	S	4	bc	29.89	-0.3	58	54	-3	S	6	b	*	63	48	*	*	-	
	Stockholm...	29.99	58	SE	4	b	29.89	-1.3	66	58	0	SE	4	bc	*	72	52	*	*	-	
	Wisby...	30.01	57	S	4	b	29.90	-1.5	67	57	+2	S	4	b	*	68	43	*	*	-	
	Karlstad...	29.90	63	2	0	a	29.80	-1.6	58	57	-3	S	2	r	*	57	55	*	*	0.08	
	Færder (X'lantia Fjord)	29.69	57	S	4	r	29.75	-1.2	58	56	+2	WSW	1	o	2	57	55	*	*	0.35	
	Bodö...	29.67	61	SSW	2	bc	29.69	-0.7	52	49	-7	SSW	2	c	1	70	50	*	*	0.12	
	Christiansund...	29.71	51	SW	2	r	29.81	-0.9	50	48	-6	WSW	2	c	1	59	48	*	*	0.39	
	Skudesnaes...	29.84	53	NW	4	o	29.88	+1.3	52	51	-4	NNW	2	o	2	55	50	o	*	0.47	
ICELAND & FAEROE.	Isafjord...	29.69	54	ENE	3	c	29.65	-1.5	55	*	+8	2	0	b	*	*	*	*	*	*	
	Reykjavik...	29.69	59	N	1	b	29.52	-2.8	54	*	+3	E	1	b	*	*	*	*	*	*	
	Seydisfjord...	29.65	64	ENE	5	b	29.62	-0.3	47	*	+1	2	0	bc	*	*	*	*	*	*	
	Thorshavn...	29.74	58	WSW	2	c	29.71	+0.4	54	*	+3	WSW	2	c	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.84	53	W	2	o	29.82	+1.1	51	50	+1	W	2	o	2	55	48	c, o	*	-	
	Stornoway...	29.93	54	W	4	o	29.85	+0.1	52	50	0	SW	3	c	3	57	50	odp, cdp	0.8	0.02	
	Castlebay (Barra Id.)	29.98	53	WNW	4	op	29.88	-0.3	53	52	-1	WSW	2	r	3	57	51	cp, o, c, od	2.4	0.01	
	Malin Head...	30.03	55	W	4	cpm	29.91	-0.4	54	52	0	SW	4	cm	5	58	51	bc, bcp	*	0.02	
	Blacksod Pt. ...	30.13	57	W	3	op	29.90	-1.8	55	54	0	W	6	maj	5	61	49	cp, omp	*	0.08	
	Valencia...	30.21	56	W	2	o	30.05	-1.2	58	56	+3	S	3	o	4	61	54	bc, o, bc	3.5	0.01	
	Roche's Point...	30.17	61	N	2	c	30.09	-0.4	57	56	+1	W	3	o	3	64	52	o, c, o	*	-	
	Birr Castle...	30.13	59	WSW	3	c	30.01	-0.8	57	54	0	SW	3	o	*	61	*	c, o	0.5	-	
	Donaghadee...	30.06	56	E	1	c	30.01	+0.2	53	52	-2	SW	2	c	1	62	52	o, bcp, bc	*	0.01	
	Liverpool Obsy...	30.06	60	W	4	b	30.07	+0.8	55	54	-1	W	3	o	2	61	55	bc, b, o	11.1	-	
	Holyhead...	30.09	58	WSW	2	c	30.06	+0.3	55	53	-1	SW	3	c	2	64	53	b, c	*	-	
	Pembroke	30.13	59	W	2	b	30.09	+0.3	55	54	+1	2	0	cg	2	61	53	cg, bc	12.1	-	
	(St. Ann's Hd.)																				
	Scilly (St. Mary's)...	30.18	60	NW	4	c	30.16	+0.7	57	54	-1	WNW	3	c	1	62	56	bc, c	9.0	-	
	Jersey (St. Aubins)...	30.13	61	WNW	4	c	30.14	+0.6	59	56	0	WNW	3	c	3	66	55	f, om, cmw	2.6	-	
	Portland Bill...	30.05	60	W	3	bc	30.11	+1.1	58	56	0	NW	2	c	2	63	55	c, bc	3.8	-	
	Dungeness...	30.00	60	W	3	o	30.09	+1.1	59	55	+2	NNW	3	bc	2	61	49	chr, c	0.6	0.27	
	Dover...		*	*	*	*	*	30.13	+1.3	60	57	+2	NW	1	b	1	64	52	md, op, c, b	0.4	0.30
	Wick...	29.90	56	2	0	c	29.87	+0.7	54	51	+1	S	1	bc	1	60	48	-	*	0.03	
	Nairn...	29.92	62	W	2	bc	29.90	+0.7	53	49	-3	S	1	c	1	61	46	bc	7.6	-	
	Aberdeen...	29.93	56	ESE	1	o	29.93	+0.9	54	52	-4	2	0	o	2	65	53	cp, o, c, op	3.0	0.24	
	Leith...	29.93	65	W	4	b	29.95	+0.6	55	52	-3	WSW	2	o	*	67	52	b	*	-	
	North Shields...	29.97	64	WSW	4	c	30.01	+1.1	56	52	-3	SW	3	c	2	66	50	c	7.4	-	
	Spurn Head...	29.99	61	WNW	3	c	30.05	+1.4	57	55	-2	W	2	c	3	72	54	c, bc, cg	*	-	
	Yarmouth...	30.00	61	SE	2	bcw	30.08	+1.5	56	54	-5	W	2	bcw	3	66	50	o, bcw	6.2	-	
	Clacton-on-Sea...	30.01	62	NE	2	c	30.08	+1.2	58	55	-2	NW	2	bc	1	69	51	o, bc, c, w	2.5	-	
	Nottingham...	30.05	62	WNW	4	c	30.07	+1.1	58	55	-2	WSW	1	om	*	66	50	bc, o, c, b	9.7	-	
	Bath...	30.10	62	NW	1	b	30.13	+0.7	57	54	-4	W	1	m	*	68	48	-	7.0	-	
	Oxford...	30.09	60	NNW	2	b	30.12	+1.2	61	55	-2	WSW	2	c	*	68	51	bc, b	*	-	
	London (St. James's Pk)	30.02	69	NW	3	bc	30.10	+1.3	56	54	-5	WSW	1	sw	*	71	51	a, bc, b, c	6.3	-	
GERMANY, & C.	The Scaw (Skagen)...	29.86	58	SW	3	o	29.81	-1.0	57	54	-2	W	6	c	2	63	54	*	*	0.12	
	Fanö...	29.93	57	NW	3	o	29.98	+0.3	58	54	-4	NW	2	c	*	66	55	*	*	0.08	
	Cuxhaven†...	29.95	64	SW	4	r	30.01	+0.2	59	56	0	NW	2	o	*	72	57	*	*	0.08	
	The Helder...	30.00	58	NW	1	bc	30.06	+1.0	57	54	0	WNW	1	b	0	59	55	*	*	0.28	
	Brussels...	*	*	*	*	*	30.09	+0.5	61	57	+3	ESE	1	bc	*	64	54	*	*	0.47	
	Berlin†...	29.99	71	2	0	b	29.97	-1.3	65	77	+1	WNW	2	b	*	82	61	*	*	-	
	Frankfurt†...	30.02	65	NW	2	o	30.05	-0.4	61	83	0	SW	3	a	*	77	48	*	*	-	
	Munich†...	30.04	59	NE	2	b	30.08	-0.3	62	72	+5	NW	2	bc	*	66	48	*	*	-	
FRANCE.	C. Gris Nez...	30.03	59	SW	2	o	30.10	+0.9	58	54	+1	N	2	m	2	61	55	*	*	0.24	
	La Hève...	30.09	58	W	4	c	30.13	+0.7	59	54	+2	N	3	c	3	61	54	*	*	0.04	
	Brest...	30.16	60	NW	3	c	30.21	+0.7	56	55	-2	WNW	2	c	2	64	52	*	*	-	
	Lorient...	30.10	63	W	4	bc	30.18	+0.8	56	54	-4	N	3	o	2	68	54	*	*	-	
	Rochefort...	30.15	65	WNW	3	o	30.17	+0.3	62	60	0	ENE	1	c	*	66	59	*	*	-	
	Biarritz...	30.21	67	NW	3	o	30.22	+0.5	62	59	-1	SW	2	b	1	70	57	*	*	-	
	Paris...	30.08	64	WSW	2	c	30.12	+0.3	61	57	+3	SEW	2	bc	*	67	51	*	*	0.08	
	Belfort...	30.07	67	W	4	o	30.16	+0.4	58	57	+1	WSW	2	f	*	75	55	*	*	0.04	
	Lyons...						30.02	+0.4	68	61	-3	2	0	o	2	79	63	*	*	-	
	Nice...	29.99	68	2	0	c	30.13	+0.6	69	60	-1	NW	2	b	2	83	66	*	*	-	
Perpignan...	30.05	74	NW	3	o	29.90		68	62		S	3	bc	3	*	*	*	*	-		
Sanguinaire...	29.86	72	N	2	bc												*	*	-		
SPANISH PENIN.	Corunna...	30.25	63	N	4	b	30.26	+0.5	61	59	-1	NNW	3	f	4	64	57	*	*	-	
	Lisbon...																	*	*	-	
	Azores (P. Delgada)...						30.49	+0.6	71	68	+1	NE	2	o	1	77	70	*	*	-	
	Horta...	30.48	70	NNE	4	b												*	*	-	

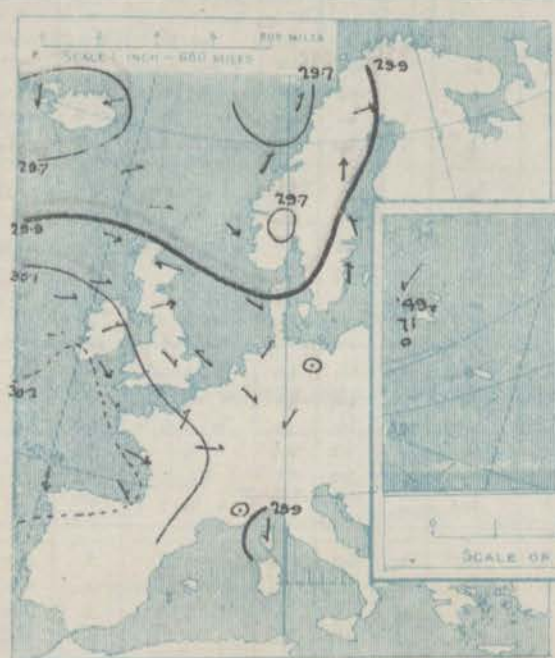


**SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY**

**7 A.M. YESTERDAY.**

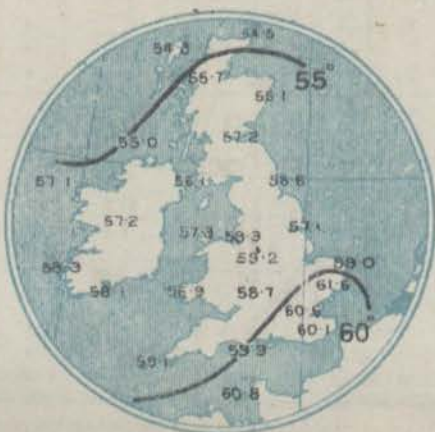


**6 P.M. YESTERDAY.**



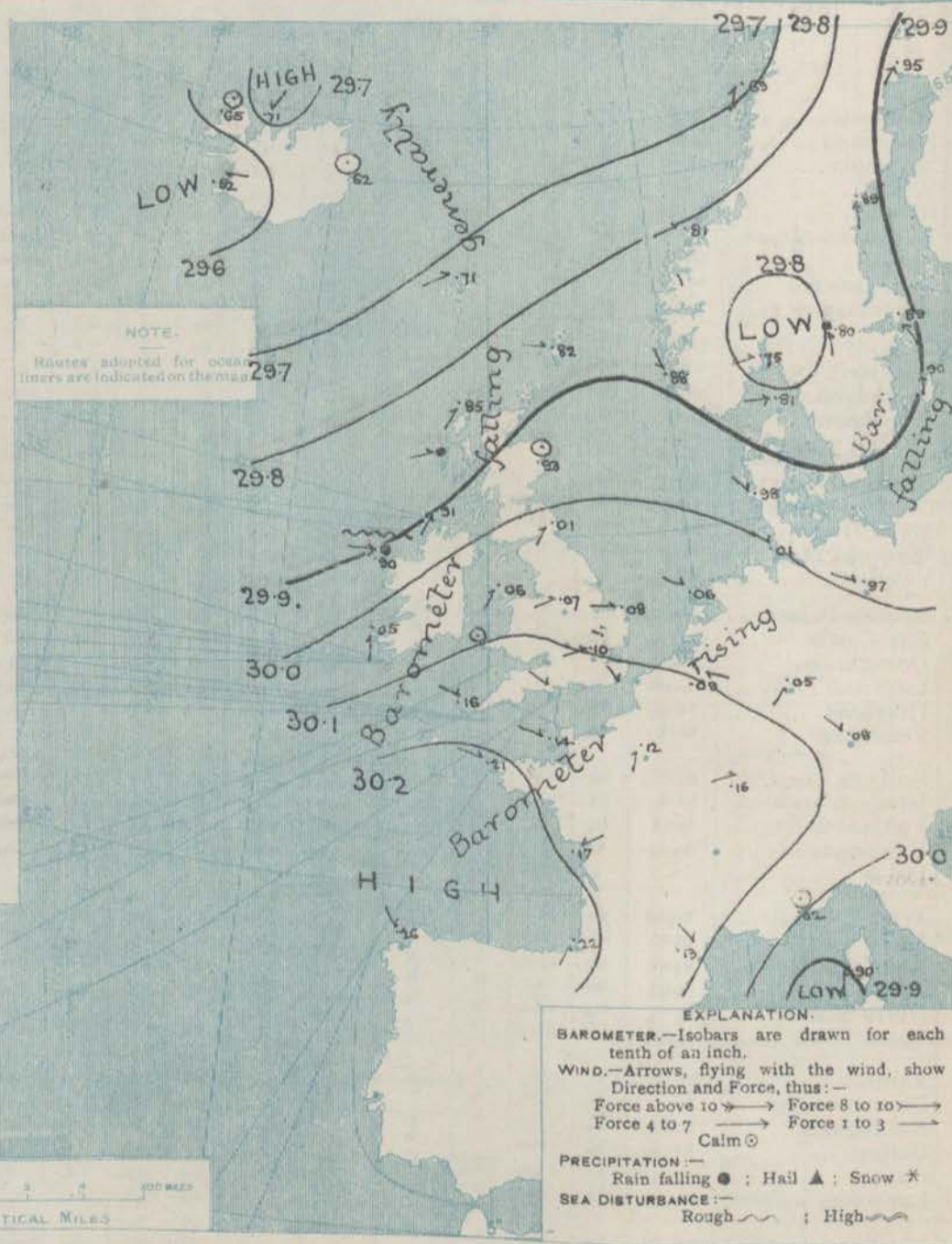
**AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE TWO MONTHLY PERIOD  
JUNE - JULY**

(Derived chiefly from Observations extending over the 35 years—1871-1905.)



**Monday, WEATHER 5<sup>th</sup> July.**

**1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.**



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

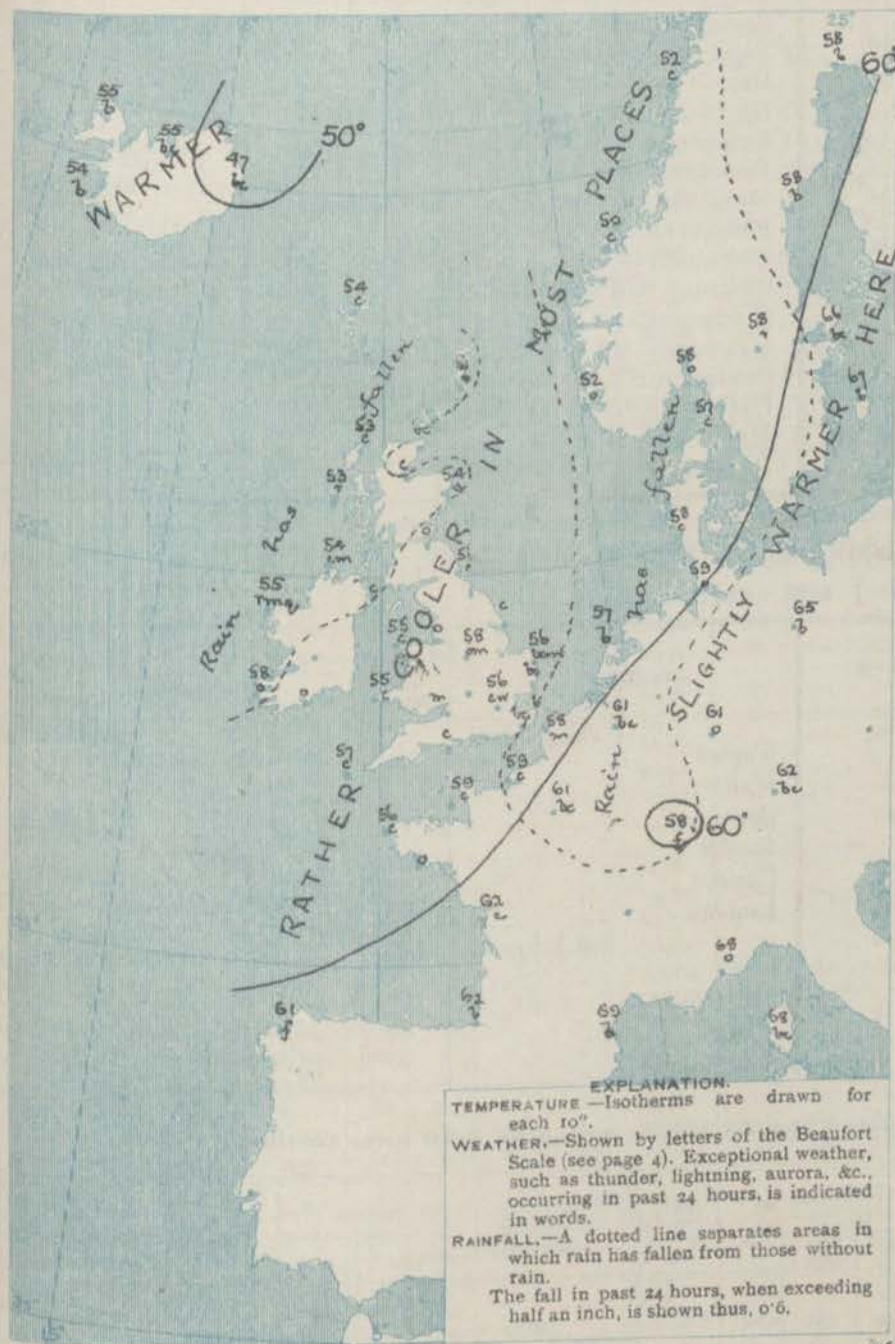
A large anticyclone still extends from the southern portions of the North Atlantic over Spain, the Bay of Biscay, France and the extreme south of England. A shallow depression is lying off the south-west of Ireland, and a well-marked secondary system has its centre over the Christiania Fjord. Another secondary disturbance is approaching our own north-western coasts, and is occasioning a fall of the barometer at all our western and northern stations.

The wind is light from the Westward or North-Westward in the south and east of England and in all the neighbouring parts of the Continent, but has backed to the South-Westward or Southward on our western and northern coasts. Temperature has fallen somewhat over Great Britain, and also on the eastern side of the North Sea, but has scarcely changed elsewhere. Over the United Kingdom the morning readings range from 60° at Dover, and 55° and upwards over England and the south of Ireland generally to 51° at Lumburg Head. Readings above 65° are reported in the south of Sweden, and also in the extreme south of France. Cloudy weather prevails over the United Kingdom generally and rain is falling on our extreme north-west coasts, at Castlebay and Blacksod Point. At most of the Continental stations the weather is fine but rain is falling at Larkstad. The sea is slight or smooth generally, but rather rough at Blacksod Point.



# CHARTS 5<sup>th</sup> July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M. TO DAY.



### NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to between 65° and 70° in many parts of the United Kingdom, to 71° in London, and to 72° at Spurn Head and Portsmouth. The amount of bright sunshine was, as a rule, only moderate. Rain fell yesterday in the extreme south-east of England and on our western and northern coasts; a thunderstorm occurred at Buxton, and thunder only at Talavera and Dargenness. Wireless reports show that as far west as the 17<sup>th</sup> meridian steamers experienced yesterday light to moderate south-westerly or southerly winds and cloudy weather.

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

The new depression which is approaching our north-west coasts will move or spread eastward, and occasion further falls of rain over the United Kingdom generally. Temperature will remain for the present about its normal level for the time of year.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- |    |   |  |
|----|---|--|
| 0  | { | Light or moderate South-Westerly to southerly winds; fair at first, some rain later. Mild.                       |
| 1  |   |  |
| 2  | { | Light Westerly to moderate South-Westerly winds; fair to-day, some rain to-morrow. Temperature about the normal. |
| 3  |   |  |
| 4  | { | South-Westerly winds, moderate or fresh; dull, unsettled, some rain; rather cool.                                |
| 5  |   |  |
| 6  | { | Same as No. 1.   |
| 7  |   |  |
| 8  | { | Light Westerly to moderate South-Westerly winds; fair at first, some rain later. Temperature about the normal.   |
| 9  |   |  |
| 10 | { | Moderate to fresh South-Westerly to Westerly winds; changeable, rain at times. Rather cool.                      |
| 11 |   |  |



### II WESTERN CHANNEL AND BAY.

Light to moderate Westerly and South-Westerly winds, and a slight sea. Fair at first, some rain later around mouth channel. Rather cool.

### FORECAST DISTRICTS.

Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

South Cone.   
North Cone. 

Signals hoisted this morning.

South Cone.   
North Cone. 



None

Issued.



## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	*	*	*	3.0	0.03	Worthing, to 6 p.m. ...	69	57	*	2.8	0.09
† Oban, to 6 p.m. ...	65	50	o, r	0.0	0.60	Brighton, to 6 p.m. ...	66	57	*	2.9	0.08
Dublin (City), to 4 p.m. ...	64	53	cp, b, o	*	0.01	Seaford, to 6 p.m. ...	64	55	*	3.2	0.10
Rossall Beach, to 6 p.m. ...	*	*	*	*	*	† Eastbourne, to 6 p.m. ...	67	56	*	3.5	0.16
Blackpool, to 9 p.m. ...	62	55	c, o	9.6	0.01	Bexhill-on-Sea, to 9 p.m. ...	65	57	p. c	3.3	0.06
Southport, to 9 p.m. ...	61	55	ov, c, bc	9.8	0.02	† Hastings ...	*	*	*	1.9	*
† Rhyl, to 6 p.m. ...	63	54	b, r, c	9.2	0.05	† Folkestone, to 6 p.m. ...	68	55	r, ov, bc, c	1.1	0.34
† Colwyn Bay, to 6 p.m. ...	65	55	bc, b	9.0	0.05	Ramsgate, to 6 p.m. ...	*	*	*	2.3	0.51
Llandudno, to 9 p.m. ...	66	54	r, c, bc	8.0	0.16	† Margate, to 6 p.m. ...	68	55	*	0.6	0.49
Bettws-y-Coed, to 6 p.m. ...	*	*	*	*	*	† Felixstowe, to 6 p.m. ...	*	*	*	*	*
Towyn, to 6 p.m. ...	63	56	r, c, bc	10.2	0.37	† Lowestoft, to 6 p.m. ...	67	56	w, c, bc, o, bc	4.0	*
Aberystwyth, to 6 p.m. ...	61	54	*	7.9	0.17	Skegness, to 6 p.m. ...	67	62	*	7.1	*
Plymouth, to 9 p.m. ...	*	*	*	*	*	Scarborough, to 9 p.m. ...	*	*	*	*	*
Torquay, to 6 p.m. ...	66	58	*	5.8	-	Harrogate, to 6 p.m. ...	67	54	c, ov, bc	3.2	0.02
† Weymouth, to 6 p.m. ...	68	57	*	8.8	0.06	† Buxton, to 6 p.m. ...	61	51	c, th, ov, c	0.4	0.40
† Bournemouth, to 6 p.m. ...	70	58	bc, r	6.3	0.20	Darwen, to 9 p.m. ...	*	*	*	*	*
Southsea, to 6 p.m. ...	72	58	*	5.4	0.17	Manchester, to 9 p.m. ...	*	*	*	*	*
						Birmingham, to 9 p.m. ...	65	56	r, c	6.4	0.08

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 4th July 1909.	*	*	*	Ins.	Naples ... 4th July 1909.	*	*	*	Ins.
Aix-la-Chapelle ...	Observations not received.				Malta ...	Observations not received.			
Copenhagen ...	Observations not received.				Berne ...	Observations not received.			
Oxö (Christiansand) ...	Observations not received.				Zurich ...	Observations not received.			
St. Petersburg ...	Observations not received.				Geneva ...	Observations not received.			
Vienna ...	Observations not received.				Lugano ...	Observations not received.			
Buda-Pesth ...	Observations not received.				Coire ... 3rd July 1909.	1.80 p.m.		1.80 p.m.	Measured
Hermanstadt ...	Observations not received.				Castasegna ...	59		0	7.30 a.m.
Trieste ...	Observations not received.				Davos ...	68	*	0	
Florence ...	Observations not received.				St. Gothard ...	48	*	0	0.04
Rome ...	Observations not received.					41	*	6	0.29

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	
	Lat.	Long.		Direc.	Force.		Air.					Lat.	Long.		Direc.	Force.		
							Dry Bulb.	Wet Bulb.	Sea.									
	°	°	Ins.				°	°	°			°	°	Ins.				
H.M.S.	4th July Noon	51 13N	10 18W	30.23	NW	4	b	60	57	57	2	Minneapolis	4th July 4am	49 N	11 W	30.23	NNW	4-5
	" " 1pm	51 13N	10 10W	30.23	NW	4	b	60	57	57	2		" " 7am	49 N	10 W	30.23	N	4-5
	" " 5pm	50 52N	9 14W	30.23	NW	3	b	60	56	59	3		" " 7am	50 N	20 W	30.08	NW	1-3
	" " 6pm	50 44N	9 0W	30.23	NW	3	b	60	56	59	3		" " 3pm	51 N	22 W	30.18	NE	1-3
Teutonic	3rd July 4am	49 N	26 W	30.27	W	4-5						Dominion	" " 7am	50 N	25 W	30.18	NE	1-3
	" " 7am	48 N	27 W	30.32	W	1-3	bc				" " 3pm		51 N	22 W	30.21	SW	1-3	
	3rd July 4am	51 N	15 W	30.08	WSW	1-3					" " 6pm		51 N	21 W	30.22	SW	1-3	
Canada	" " 7am	51 N	16 W	30.09	WSW	1-3	m					Afr.	4am	51 N	17 W	30.22	SE	1-3
	" " 3pm	51 N	18 W	30.17	WNW	1-3					" " 7am		51 N	16 W	30.18	S	1-3	
	" " 6pm	51 N	13 W	30.27	WNW	4-5	b				" " 3pm		51 N	13 W	30.18	SSW	1-3	
	3rd July 3pm	49 N	15 W	30.24	NNW	4-5					" " 6pm		51 N	12 W	30.18	SSW	1-3	
Mount Royal	" " 6pm	49 N	15 W	30.27	NNW	6-7	c					Baltic	4th July 4am	51 N	14 W	30.12	NW	1-3
	3rd July 3pm	48 N	14 W	30.21	NW	4-5					" " 7am		50 N	15 W	30.16	WNW	1-3	
Vaderland	" " 6pm	48 N	12 W	30.26	NW	4-5						Cynric	4th July 4am	51 N	11 W	30.13	NW	4-5
	3rd July 4am	48 N	20 W	30.32	WSW	4-5					" " 7am		51 N	10 W	30.11	NW	4-5	
Minneapolis	" " 7am	48 N	19 W	30.31	N	1-3	o					Empress of Britain	" " 7am	51 N	18 W	30.24	WSW	1-3
	" " 3pm	49 N	16 W	30.31	NW	4-5					Maurelania		4th July 3pm	51 N	20 W	30.23	W	1-3
	" " 6pm	49 N	14 W	30.29	N	4-5	b						" " 6pm	51 N	12 W	30.22	NW	1-3

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m., local time, Azores 8 a.m. local time.
- (b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
63, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)







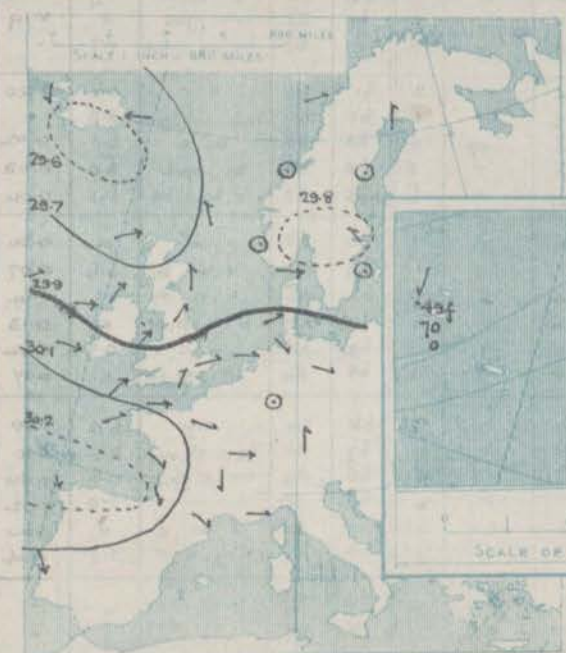
# SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

FOR 7 A.M. AND 6 P.M. YESTERDAY

7 A.M. YESTERDAY.

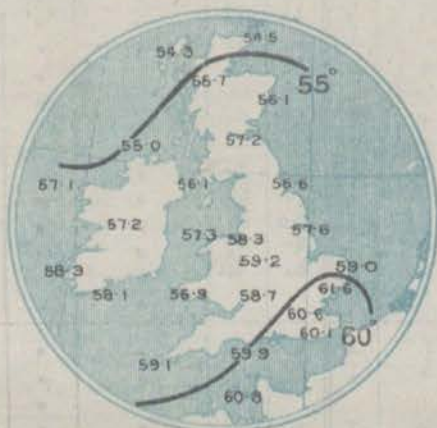


6 P.M. YESTERDAY.



## AVERAGES OF TEMPERATURE AT 8 A.M. FOR THE TWO MONTHLY PERIOD JUNE - JULY

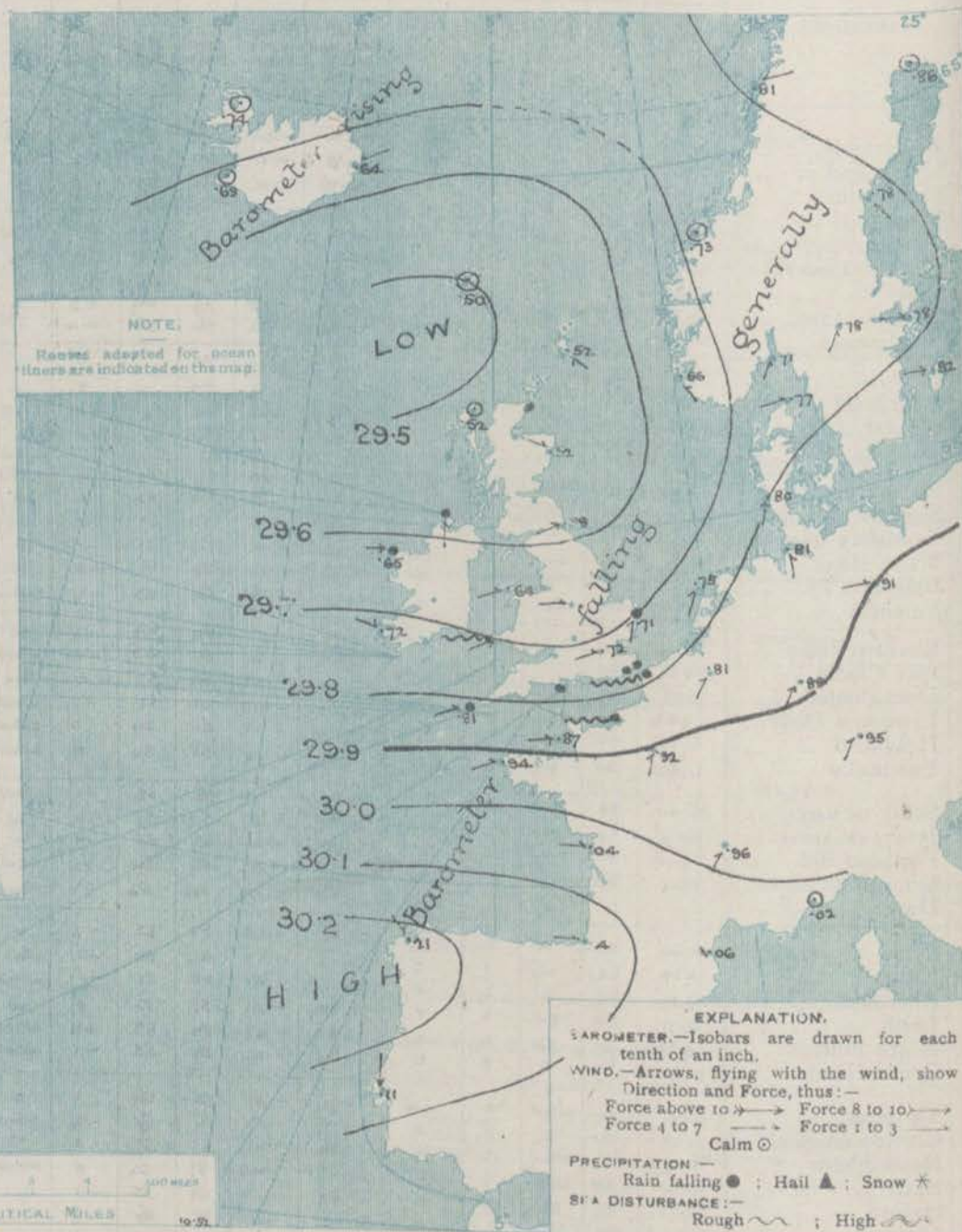
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Tuesday,

WEATHER 6<sup>th</sup> July.

## 1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



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

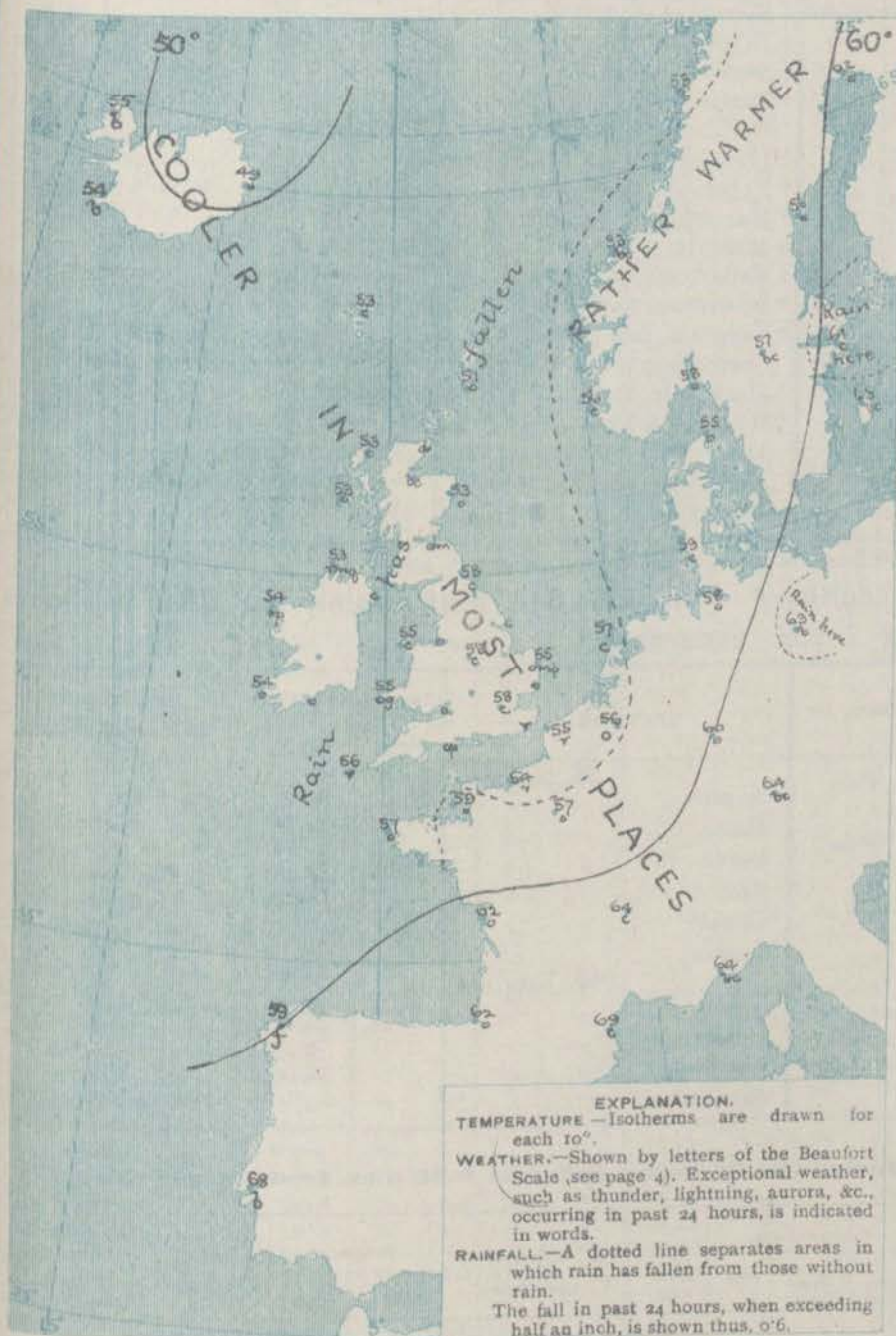
A large but shallow depression has extended from the Atlantic over the whole of North Western Europe, and the barometer continues to fall generally. The central area of the low pressure system, with readings below 29.5 ins., lies a little to the south-westward of the Faeroe Islands. The highest pressures are still found in an area which extends eastwards from the neighbourhood of the Azores to the Spanish Peninsula.

The wind is S.W. to W. over Western Europe as a whole, - light or moderate in force generally, but fresh to strong in the Channel. In Shetland and the west of Norway light S.E. to E. breezes are reported. Temperature has changed slightly and very irregularly. Over the greater part of England the morning readings are above 55°, but in Ireland and Scotland they are slightly below that level. The Continental values range from 63° at Perpignan, and 60° and upwards over the whole of Southern France, Germany and the Baltic to 53° at Rostock and Christiansund. The weather is cloudy or dull generally, with rain in many parts of England and Ireland and also in the north of France. In the west of Norway the sky is clear. The sea is rather rough in the eastern part of the Channel, and also at Pembroke, but moderate or slight elsewhere.



# CHARTS 6<sup>th</sup> July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M. TO DAY.



### NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to 65° and upwards in many parts of England and Scotland; in Ireland and Wales the maximum readings were very little above 60°. More than 8 hours of bright sunshine were recorded on the coast of Sussex, but over the United Kingdom generally the duration was very small. Rain has fallen at nearly all stations, and thunder was heard yesterday at Clacton-on-Sea. Wireless reports show that as far west as the 15th meridian steamers experienced yesterday moderate to fresh westerly breeze and fair weather; beyond the 15th meridian the wind drew back to the southward.

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

The weather over the entire Kingdom is likely to remain for the present under the influence of the large depression which has spread in from the Atlantic. The disturbance will probably move slowly eastward, and on our western coasts the wind will show a tendency to draw into the North-Westward.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- |    |   |  |
|----|---|--|
| 0  | { | Light and variable breezes; cool, changeable weather, occasional rain; fair intervals.                                 |
| 1  |   |  |
| 2  | { | Moderate south-westerly winds; changeable, showery, fine intervals.  |
| 3  |   | Temperature below the normal.  |
| 4  | { | Moderate or fresh south-westerly to westerly winds; changeable, showery, fine intervals. Temperature below the normal. |
| 5  |   |  |
| 6  | { | South-westerly to westerly or North-westerly winds, fresh in places, cool, changeable, showery.                        |
| 7  |   |  |
| 8  | { |  |
| 9  |   |  |
| 10 | { |  |
|    |   |  |

### 11 WESTERN CHANNEL AND BAY.

Moderate westerly winds, and a moderate sea. Cool, cloudy, some showers.



### FORECAST DISTRICTS.

Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

South Cone.   
 North Cone. 

Signals hoisted this morning.

South Cone.   
 North Cone. 



Done

Issued



## DAILY WEATHER REPORT.

Tuesday, 6th July, 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine Hrs.	Rainfall Ins.	STATIONS.	TEMPERATURE F.		Weather	Sunshine Hrs.	Rainfall Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	57	50	or	1.3	0.16	Worthing, to 6 p.m. ...	66	52		5.5	-
Oban, to 6 p.m. ...	57	50	or	0.2	0.17	+ Brighton, to 6 p.m. ...	66	53		7.5	-
Dublin (City), to 4 p.m. ...	65	54	cp		0.05	+ Seaford, to 6 p.m. ...	67	50	b, bc, o	9.7	-
Rossall Beach, to 6 p.m. ...	61	55	cp, or		0.02	+ Eastbourne, to 6 p.m. ...	67	53		8.3	-
Blackpool, to 9 p.m. ...	62	55	o, c, or	1.3	0.14	Bexhill-on-Sea, to 9 p.m. ...	65	53	bc	8.2	-
Southport, to 9 p.m. ...	61	55	o, or, orn	0.0	0.10	+ Hastings ...				8.4	-
+ Rhyl, to 6 p.m. ...	63	56	o, bc, o, r	1.0	0.01	+ Folkestone, to 6 p.m. ...	63	52	b, bc, b	7.1	-
+ Colwyn Bay, to 6 p.m. ...	62	55	b, o, c	0.5	-	+ Ramsgate, to 6 p.m. ...				9.0	-
Llandudno, to 9 p.m. ...	62	55	bc, cp, op	0.8	0.03	+ Margate, to 6 p.m. ...	68	54	b, o	7.0	-
Bettws-y-Coed, to 6 p.m. ...	61	55	c, bc, c	0.5		+ Felixstowe, to 6 p.m. ...	68	49		0.0	-
Towyn, to 6 p.m. ...	62	56		1.0	0.04	+ Lowestoft, to 6 p.m. ...	65	49	c, bc, o, c	5.2	-
Aberystwyth, to 6 p.m. ...	60	55		0.5	0.02	+ Skegness, to 6 p.m. ...	66	55	c	0.9	-
Plymouth, to 9 p.m. ...	65	51	bc, orn	4.9	-	Scarborough, to 9 p.m. ...	63	51		0.9	-
Torquay, to 6 p.m. ...	66	52		3.6	-	+ Harrogate, to 6 p.m. ...	62	50	c, o	0.0	-
+ Weymouth, to 6 p.m. ...	68	52	bc, c	6.0	-	+ Buxton, to 6 p.m. ...	62	?	c, o, c, c	1.2	0.01
+ Bournemouth, to 6 p.m. ...	68	52	o, c, bc, b	4.7	-	Darwen, to 9 p.m. ...	58	52	o, bc, orn	0.1	0.17
Southsea, to 6 p.m. ...	69	54		6.7	-	Manchester, to 9 p.m. ...	63	55	op, o, c, or	0.2	0.03
						Birmingham, to 9 p.m. ...	64	54	o, c, o, r	0.9	0.01

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 5th July 1909.	61	54	o, bc	Ins. 0.39	Naples ... 5th July 1909.	74	61	o, b	0.08
Aix-la-Chapelle ...	not received				Malta ...	76	65	b	-
Copenhagen ...	70	57	o, o	0.20	Berne ...			c, o	-
Varadö ...	75	43	r, b	-	Zurich ...			b, c	-
St. Petersburg ...	73	50	b, o	-	Geneva ...			o, c	-
Vienna ...	72	52	bc, bc	-	Lugano ...			c, r	-
Buda-Pesth ...	79	59	o, b	-	Coire ... 4th July 1909.	1.30 p.m.		1.30 p.m.	Measured 7.90 a.m.
Hermanstadt ...	70	52	b, o	-	Castasegna ...	Observations not received.			
Trieste ...	73	59	bc, b	-	Davos ...				
Florence ...	79	58	b, b	-	St. Gothard ...				
Rome ...	79	60	b, b	-					

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Direc.	Force.		Air.					Lat.	Long.		Direc.	Force.	
							Dry Bulb.	Wet Bulb.	Sea.								
	°	'	Ins.				°	'	°			°	'	Ins.			
<u>Saxonia</u>	3rd July 4am	47 N	31 W	30.35	WSW	4-5	-				<u>Lusitania</u>	4th July 3pm	48 N	25 W	30.27	W	4-5
	" " 7am	47 N	32 W	30.36	W	1-3	-					" " 6pm	49 N	23 W	30.28	W	4-5
	" " 9pm	46 N	34 W	30.24	S	4-5	-					" " 4am	50 N	18 W	30.25	NW	4-5
<u>Teutonic</u>	" " 6pm	46 N	36 W	30.16	S	4-5	0				" " 7am	50 N	16 W	30.23	NW	4-5	
	3rd July 3pm	47 N	31 W	30.32	WSW	4-5	-				" " 10am	50 N	14 W	30.19	W	4-5	
	" " 6pm	47 N	32 W	30.25	WSW	4-5	b				" " 1pm	51 N	12 W	30.21	NW	4-5	
<u>Mount Royal</u>	4th July 4am	49 N	18 W	30.30	WSW	1-3	-				<u>Ivernia</u>	5th July 4am	47 N	30 W	30.26	S	1-3
	" " 7am	49 N	19 W	30.23	SSW	1-3	b					" " 7am	48 N	29 W	30.26	SSW	4-5
	" " 3pm	49 N	21 W	30.22	S	6-7	-					<u>New York</u>	5th July 4am	49 N	16 W	30.09	WNW
<u>Empress of Britain</u>	" " 6pm	49 N	21 W	30.17	S	4-5	m				" " 7am		49 N	17 W	30.12	NW	4-5
	4th July 4pm	51 N	22 W	30.11	SSW	6-7	-				" " 4am		50 N	10 W	30.15	SSW	4-5
	" " 6pm	51 N	23 W	30.10	NW	4-5	c				<u>Lapland</u>	" " 7am	50 N	12 W	30.11	SSW	4-5
<u>Baltic</u>	4th July 3pm	50 N	20 W	30.04	WSW	4-5	-					" " 3pm	49 N	15 W	30.44	W	4-5
	" " 7pm	50 N	21 W	29.93	SW	1-3	0					<u>Minnehaha</u>	" " 6pm	49 N	16 W	30.12	WSW
	4th July 4am	53 N	26 W	30.09	S	4-5	-				5th July 3pm		49 N	16 W	30.08	W	1-3
<u>Lake Manitoba</u>	" " 7am	53 N	26 W	30.04	S	4-5	c				" " 6pm		49 N	17 W	30.17	W	4-5
	" " 3pm	54 N	22 W	29.92	WSW	4-5	-										
	" " 6pm	54 N	21 W	29.80	WSW	4-5	0										
	" " 4am	54 N	18 W	29.88	W	6-7	-										
	" " 7am	54 N	17 W	29.85	WSW	6-7	bc										
	" " 3pm	55 N	13 W	29.84	W	4-5	-										
" " 6pm	55 N	13 W	29.78	WSW	4-5	bc											

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) The information relating to weather is indicated by the following letters—b. blue sky; bc. sky half clouded; c. say three parts clouded; d. drizzling rain; e. wet air, without rain falling; f. fog; g. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

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METEOROLOGICAL OFFICE,  
68, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

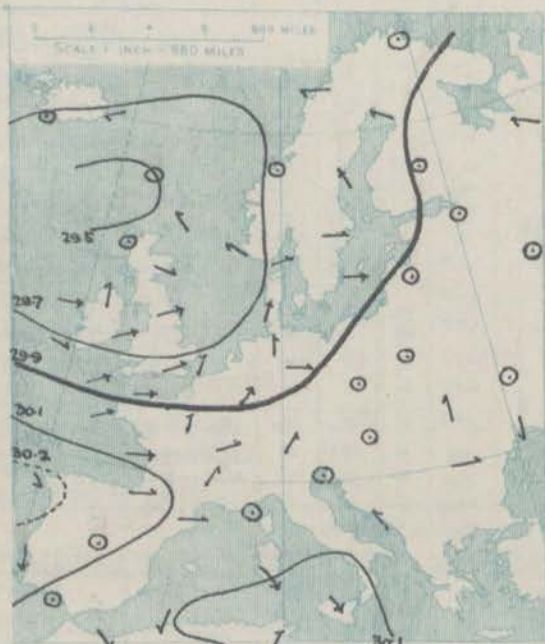
Wednesday  
4th July, 1909.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9).	Temp.		Weather.	Sun. shine.	Rainfall.	
				At 32° Fahr. and M.S.L. Lat. 45°	Dry Bulb.		Dir.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.			Dir.	Force (0 to 12).				Max.
		Ins.	"	"	"	"	Ins.	Ins.	"	"	"	"	"	"	"	"	"	"	Hours.	Ins.	
SCANDINAVIA.	Haparanda...	29.82	64	2	0	c	29.82	-0.04	64	59	+2	SW	2	b	*	78	54	*	*	-	
	Hernösand...	29.79	55	5	4	o	29.81	+0.03	56	55	0	SSE	2	f	*	57	54	*	*	0.04	
	Stockholm...	29.77	59	SSW	2	c	29.75	-0.03	64	54	+3	ESE	4	b	*	70	55	*	*	-	
	Wisby...	29.78	58	S	2	b	29.67	-0.15	65	60	+2	SE	6	b	*	66	50	*	*	-	
	Karlstad...	29.72	60	2	0	c	29.69	-0.03	62	55	+5	E	2	c	*	*	*	*	*	-	
	Færder (X'ania Fjord)	29.67	57	ESE	1	o	29.60	-0.11	57	57	-1	ENE	4	r	2	61	55	*	*	0.08	
ICELAND & FAEROE.	Bodö...	29.78	54	E	2	b	29.76	-0.05	62	61	+10	E	2	b	1	63	52	*	*	-	
	Christiansund...	29.62	59	M	1	bc	29.64	-0.09	60	56	+7	2	0	b	1	60	52	*	*	-	
	Skudesnaes...	29.56	55	SSE	4	r	29.54	-0.12	58	55	+2	M	2	o	2	58	54	*	*	0.39	
	Isafjord...	29.80	55	ENE	3	b	29.94	+0.20	50	*	-5	2	0	b	*	*	*	*	*	*	
	Reykjavik...	29.78	57	W	3	b	29.91	+0.22	52	*	-2	W	3	b	*	*	*	*	*	*	
	Seydisfjord...	29.76	59	ENE	5	c	29.90	+0.26	58	*	-1	2	0	bc	*	*	*	*	*	*	
BRITISH ISLANDS.	Thorshavn...	29.62	50	E	2	o	29.82	+0.32	53	*	0	NE	3	c	*	*	*	*	*	*	
	Sumburgh Head	29.47	51	N	2	o	29.61	+0.09	51	51	0	NE	2	o	3	54	50	*	*	0.22	
	Stornoway...	29.53	56	N	4	c	29.72	+0.20	52	52	-1	NNW	5	op	4	59	51	op, cp, opm	2.1	0.49	
	Castlebay (Barra Id.)	29.54	55	NW	4	c	29.76	+0.23	54	52	+1	NNW	5	om	4	58	52	o, bc, o, cp, o	7.8	0.01	
	Malin Head...	29.52	54	NW	4	cpq	29.73	+0.20	54	52	+1	NW	6	cpq	4	56	51	cpq, gpq	*	0.06	
	Blacksod Pt.	29.65	55	NW	5	cp	29.88	+0.23	56	54	+1	NNW	6	pq	5	58	52	bc, cp	*	0.19	
	Valencia...	29.77	56	WNW	4	c	29.96	+0.24	55	53	+1	NNW	6	o	6	59	53	o, c, cp	1.5	0.10	
	Roche's Point...	29.67	58	NNW	5	c	29.87	+0.15	56	54	+2	NNW	4	o	3	62	53	c, cgp, o	*	0.05	
	Birr Castle...	29.55	58	W	5	c	29.86	+0.20	57	53	+2	W	5	bc	*	61	49	cp, bc	2.6	0.07	
	Donaghadee...	29.52	55	N	2	c	29.69	+0.09	54	52	+1	ENE	4	bc	4	59	51	op, op	*	0.04	
	Liverpool Obsy...	29.50	55	W	4	c	29.63	-0.01	55	52	+1	WNW	4	c	4	59	53	bc, op	1.9	0.09	
	Holyhead...	29.52	56	W	3	cp	29.69	+0.05	56	52	0	NW	6	c	4	60	52	cp	*	0.04	
	Pembroke (St. Ann's Hd.)	29.58	55	W	2	c	29.73	+0.03	53	51	-2	NW	6	op	5	57	51	cp	1.0	0.25	
	Scilly (St. Mary's)	29.67	58	NW	4	c	29.76	-0.05	58	52	-1	NNW	5	c	2	60	54	o, c	4.4	0.10	
	Jersey (St. Aubins)	29.50	57	SSW	3	r	29.72	-0.15	57	54	-2	WNW	5	c	4	59	53	mp, o, gm	0.0	0.26	
	Portland Bill	29.53	55	W	3	c	29.64	-0.11	56	52	-1	WNW	5	c	4	57	53	r, c	2.2	0.08	
	Dungeness...	29.55	55	WSW	3	r	29.51	-0.24	56	54	0	WNW	4	c	4	61	50	r, cp, c	0.1	0.13	
Dover...	*	*	*	*	*	29.50	-0.24	53	51	-1	N	4	c	4	59	50	or, c	0.0	0.10		
GERMANY, & C.	Wick...	29.45	53	N	1	r	29.60	+0.08	52	51	0	N	2	fe	1	55	50	-	*	0.30	
	Nairn...	29.46	54	E	1	o	29.59	+0.06	52	51	0	NNW	3	r	3	60	49	*, bc, o	8.3	0.21	
	Aberdeen...	29.45	55	SE	1	c	29.56	+0.04	53	52	0	NNW	1	o	2	60	51	op, cgp, op	1.8	0.71	
	Leith...	29.42	57	W	1	c	29.58	+0.04	52	50	-3	W	1	o	*	60	51	o, cp, op, cp	*	0.08	
	North Shields	29.43	58	W	3	cp	29.56	-0.02	55	52	-3	NW	3	c	2	61	49	r, o, cp	2.0	0.08	
	Spurn Head	29.45	56	SW	2	cp	29.49	-0.15	55	53	-1	NNW	4	cp	3	60	53	cp	*	0.19	
	Yarmouth...	29.49	60	E	1	c	29.46	-0.25	54	53	-1	NW	2	op	3	64	52	cp, c	2.6	0.22	
	Clacton-on-Sea	29.50	57	WSW	4	r	29.49	-0.23	55	53	-1	WNW	3	o	2	66	51	o, c, op	2.4	0.09	
	Nottingham	29.48	56	WSW	2	o	29.54	-0.12	55	52	-3	NNW	4	om	*	65	52	c, op, opm	3.6	0.10	
	Bath...	29.55	56	W	1	o	29.65	-0.08	56	52	-1	W	3	c	*	61	51	-	0.7	0.19	
FRANCE.	Oxford...	29.52	55	2	0	r	29.61	-0.08	56	52	-2	NW	4	c	*	64	51	r, o, cp, c	*	0.17	
	London (St. James's Park)	29.51	56	WSW	3	or	29.54	-0.18	55	52	-3	NW	3	c	*	63	52	o, op, bc	1.5	0.29	
	The Scaw (Skagen)	29.62	59	SSE	4	r	29.49	-0.28	57	57	+2	E	5	r	1	68	54	*	*	0.43	
	Fanö...	29.54	59	SE	2	a	29.39	-0.41	58	57	-1	SE	1	r	*	66	59	*	*	-	
	Cuxhaven†...	29.60	61	NE	1	r	29.37	-0.44	56	55	-2	SE	2	ap	*	63	55	*	*	0.35	
	The Helder...	29.50	57	SW	3	c	29.39	-0.36	55	54	-2	N	2	r	1	59	54	*	*	0.12	
	Brussels...	*	*	*	*	*	29.45	-0.36	53	52	-3	WNW	2	r	*	62	50	*	*	0.28	
	Berlin†...	29.64	64	SE	2	c	29.49	-0.42	59	56	-4	SE	3	bc	*	75	55	*	*	0.24	
	Frankfurt†...	29.64	56	SEW	6	r	29.38	-0.50	55	56	-5	NW	2	r	*	66	54	*	*	1.50	
	Munich†...	29.79	55	NW	4	r	29.56	-0.39	52	100	-12	E	3	r	*	73	52	*	*	0.75	
SPANISH PENIN.	C. Gris Nez	29.52	53	SW	3	r	29.52	-0.27	54	53	-1	WNW	3	r	3	59	52	*	*	0.32	
	La Hève...	29.60	55	SW	5	r	29.62	-0.25	56	52	+2	WNW	6	o	6	57	50	*	*	0.28	
	Brest...	29.67	58	W	5	b	29.87	-0.07	57	56	0	WNW	5	bc	3	59	54	*	*	0.20	
	Lorient...	29.60	59	WNW	6	r	29.82	-0.07	57	55	-1	WNW	6	bc	4	61	55	*	*	0.04	
	Rochefort...	29.77	62	WSW	3	o	29.88	-0.16	62	58	0	WNW	6	o	*	64	59	*	*	0.08	
	Biarritz...	29.96	65	SW	3	o	30.02	-0.12	63	59	+1	SSW	5	o	4	70	61	*	*	0.08	
	Paris...	29.64	54	SSW	3	r	29.61	-0.31	57	54	0	WSW	3	c	*	60	54	*	*	1.02	
	Belfort...	29.86	55	WSW	6	r	29.62	-0.37	52	50	-8	W	7	o	*	72	52	*	*	0.20	
	Lyons...	29.89	62	SW	1	o	29.76	-0.20	60	55	-5	W	1	o	*	75	56	*	*	-	
	Nice...	29.88	66	W	2	a	29.71	-0.31	61	56	-5	2	o	2	73	59	*	*	0.04		
AZORES (P. Delgada)	Perpignan...	29.93	70	SE	1	b	29.82	-0.24	68	58	-1	W	6	o	*	78	58	*	*	-	
	Sanguinaire...	29.90	75	SW	2	bc	29.80	-0.24	72	63	+6	E	2	o	2	*	*	*	*	-	
	Corunna...	30.10	65	N	4	b	30.09	-0.02	64	58	-4	NNE	5	b	*	79	61	*	*	-	
AZORES (P. Delgada)	Lisbon...	30.10	65	N	4	b	30.09	-0.02	64	58	-4	NNE	5	b	*	79	61	*	*	-	
	Horta...	30.10	71	NE	3	bc	30.46	-0.03	70	68	0	NNE	3	o	2	77	70	*	*	-	



SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

7 A.M. YESTERDAY.



6 P.M. YESTERDAY



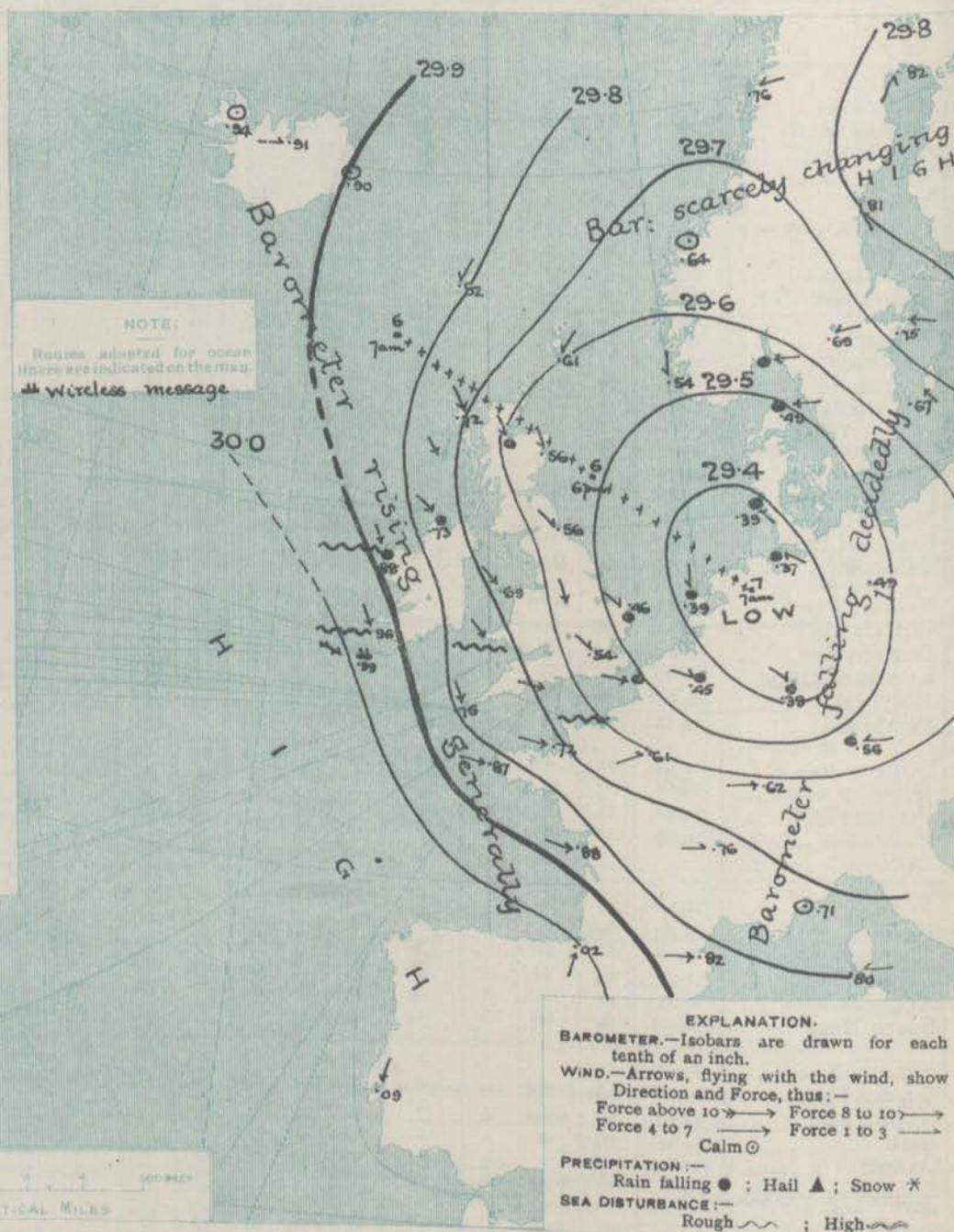
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE TWO MONTHLY PERIOD  
JUNE - JULY

(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Wednesday. WEATHER 7<sup>th</sup> July.

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The large depression which lay over North-Western Europe yesterday is travelling south-eastwards, its central area being now situated over the Netherlands, Western Germany and the Southern part of the North Sea. The barometer is rising over the whole of the United Kingdom and the west of France, and the barometric gradient in the rear of the disturbance has become rather steep.

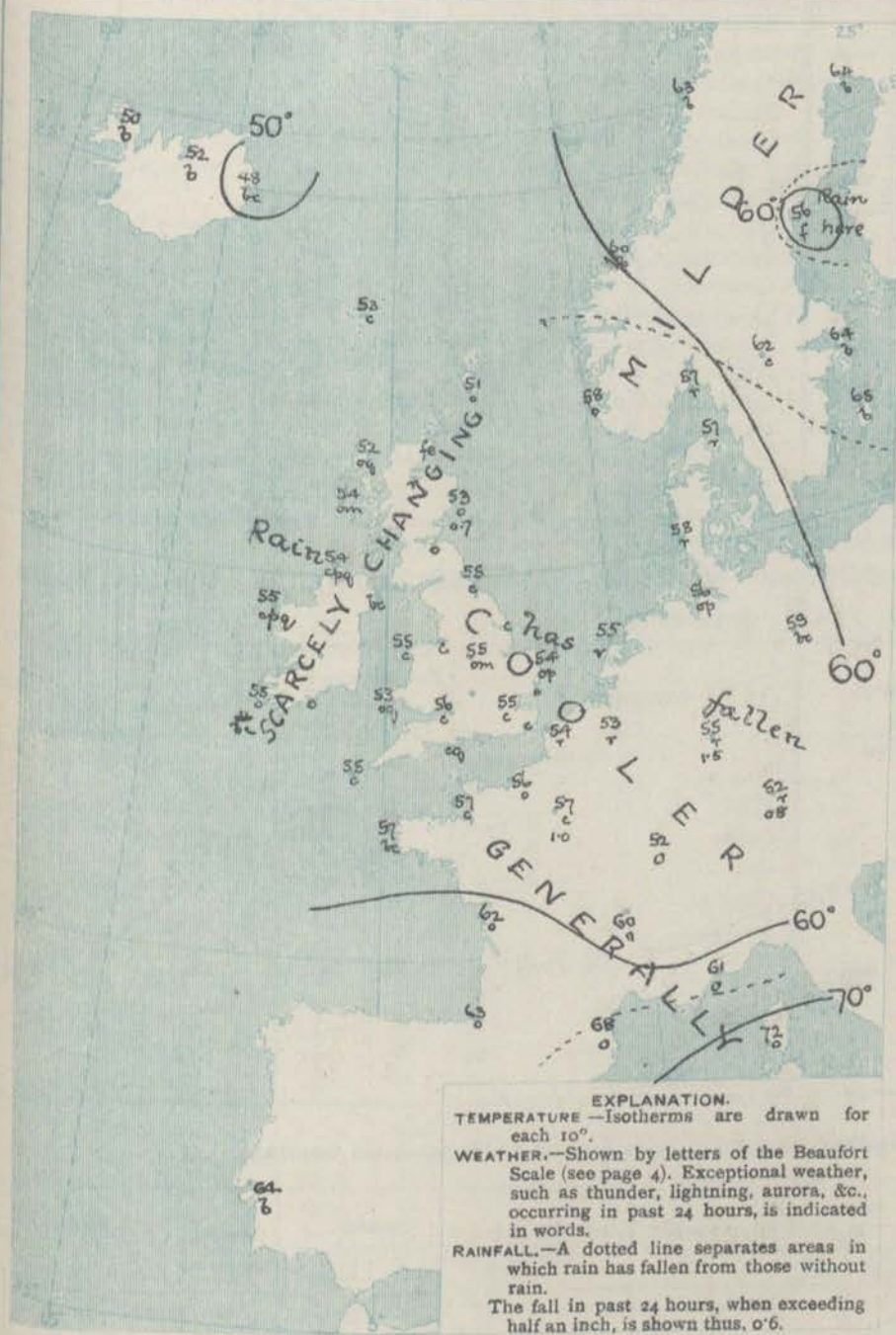
The cyclonic circulation of air round the baric minimum is very complete, and in the west and south of our islands and the north and west of France the N.W. wind is fresh to strong in force. In Denmark, North Germany and the south of Scandinavia light to fresh breezes from the E. or S.E. are reported. Temperature is again low for the time of year. Over the United Kingdom the morning readings range from 55° or slightly above it at most of the English and Irish stations to 51° at Lumbagh Head. Readings below 55° are reported over Belgium, South Germany and the east of France, but at many of the Scandinavian stations the thermometer is above 60°. Rain is falling very generally in the neighbourhood of the depression, i.e. in the east of England, the Netherlands, Germany and Denmark. Showers are also reported on some parts of our north and north-west coasts, but over the United Kingdom generally the weather is inclined to improve.



# CHARTS

7th July, 1909.

## 2 TEMPERATURE AND WEATHER AT 7 A.M. TO DAY.



### NOTES ON YESTERDAY'S WEATHER

At many of our western and northern stations the thermometer yesterday failed to reach 60°, and in very few parts of the country did it rise as high as 65°. The amount of bright sunshine was generally small, but at Grimsby and Cuxhaven about 8 hours were recorded. Rain has fallen generally, heavily in some parts of France and Germany. Wireless reports show that as far west as the Windward St. Michael's experienced yesterday strong winds or gales from the North-Westward, and cloudy weather.

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

The depression of yesterday will continue to pass away towards central Europe, and as there are no indications of the approach of any fresh disturbance the weather in these Islands is likely to improve gradually. Showers will, however, be experienced to-day in most parts of Great Britain, and for the present the thermometer will remain considerably below its normal level.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- |    |   |  |
|----|---|--|
| 0  | a | Northernly to North-Easterly winds, light or moderate; some showers at first, then fair. Remaining cool.               |
| 1  | b |  |
| 2  | a | Fresh North-Westerly winds; cool and showery to-day, finer to-morrow, and rather warmer.                               |
| 3  | b |  |
| 4  | a |  |
| 5  | b |  |
| 6  | a | North-Westerly winds, strong at first, but moderating later: fair generally, but local showers to-day. Remaining cool. |
| 7  | b |  |
| 8  | a |  |
| 9  | b |  |
| 10 | a |  |

### 11 WESTERN CHANNEL AND BAY

North-Westerly winds strong at first, with a rather rough sea, both moderating later. Cloudy today with some showers, finer to-morrow.

### FORECAST DISTRICTS.

Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

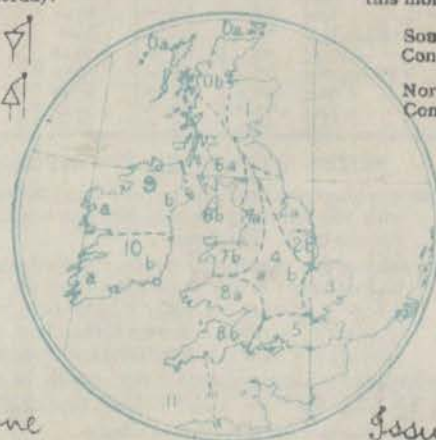
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



None

Issued.



## DAILY WEATHER REPORT.

Wednesday, 4th July, 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	61	51	b, bc, c	2.3	0.14	Worthing, to 6 p.m. ...	62	55	r, c, o	0.6	0.10
† Oban, to 6 p.m. ...	61	51	b, bc, c	4.0	-	Brighton, to 6 p.m. ...	62	55	-	2.4	0.13
Dublin (City), to 4 p.m. ...	63	53	c, op, ep	-	0.03	† Seaford, to 6 p.m. ...	60	54	o, r	1.0	0.07
Rossall Beach, to 6 p.m. ...	58	53	ep, c	-	0.25	† Eastbourne, to 6 p.m. ...	60	54	-	0.1	0.12
Blackpool, to 9 p.m. ...	-	-	-	-	-	Bexhill-on-Sea, to 9 p.m. ...	62	52	p, d	0.0	0.05
Southport, to 9 p.m. ...	-	-	-	-	-	† Hastings ...	-	-	-	0.2	-
† Rhyl, to 6 p.m. ...	60	54	o, r, c, o	1.4	0.13	† Folkestone, to 6 p.m. ...	61	53	o, c, r	0.1	0.04
† Colwyn Bay, to 6 p.m. ...	61	52	p, b, bc	1.0	0.24	† Ramsgate, to 6 p.m. ...	-	-	-	0.5	0.27
Llandudno, to 9 p.m. ...	61	53	o, o, op	0.2	0.25	† Margate, to 6 p.m. ...	65	53	o, r	0.3	0.20
Bettws-y-Coed, to 6 p.m. ...	60	50	c, bc	0.3	-	† Felixstowe, to 6 p.m. ...	64	53	-	2.6	0.47
Towyn, to 6 p.m. ...	61	54	c, bc, p, o	1.6	0.13	† Lowestoft, to 6 p.m. ...	64	54	c, o, c, op	4.0	0.14
Aberystwyth, to 6 p.m. ...	58	54	-	0.5	0.08	† Skagness, to 6 p.m. ...	64	56	r, bc, o	3.3	0.04
Plymouth, to 9 p.m. ...	-	-	-	-	-	Scarborough, to 9 p.m. ...	62	55	o, c, o	3.7	0.17
Torquay, to 6 p.m. ...	59	54	-	0.7	0.16	† Harrogate, to 6 p.m. ...	58	49	op, c, op	1.0	0.15
Weymouth, to 6 p.m. ...	65	55	op, o, c	0.2	0.11	† Buxton, to 6 p.m. ...	58	50	c, p, c	1.3	0.14
† Bournemouth, to 6 p.m. ...	58	56	od, b	0.6	0.20	Darwen, to 9 p.m. ...	59	49	bc, op, ou	1.9	0.20
Southsea, to 6 p.m. ...	62	55	-	0.0	0.13	Manchester, to 9 p.m. ...	59	53	o, c, o, op, o	0.3	0.22
						Birmingham, to 9 p.m. ...					

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 6th July 1909.	63	55	bc, c	Ins.	Naples ... 5th July 1909.	77	64	b, b	Ins.
Aix-la-Chapelle ...	not	received	-	-	Malta ...	not	received	-	-
Copenhagen ...	63	54	bc, bc	-	Berne ...	-	-	c, o	0.04
Varas ...	64	43	c, b	-	Zurich ...	-	-	b, bc	-
St. Petersburg ...	70	50	o, o	0.04	Geneva ...	-	-	bc, bc	-
Vienna ...	73	57	bc, c	-	Lugano ...	-	-	bc, o	0.04
Buda-Pesth ...	81	59	b, bc	-	Coire ... 5th July 1909.	1.30 p.m.	1.30 p.m.	-	Measured 7.30 a.m.
Hermanstadt ...	72	54	b, b	0.04	Castasegna ...	66	-	o	-
Trieste ...	77	64	o, c	-	Davos ...	57	-	o	-
Florence ...	86	59	b, b	-	St. Gothard ...	48	-	b	-
Rome ...	80	63	b, b	-					

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
Canada { 5th July 4am	50 N	31 W	30.22	SW	4-5	-	-	-	-	-	Majestic { 6th July 4am	48 N	19 W	30.00	WNW	4-5	-
Empress of Britain { 7am	50 N	31 W	30.04	S	4-5	-	-	-	-	-	" 7am	48 N	17 W	29.97	NW	6-7	-
" 7am	50 N	29 W	30.15	W	4-5	-	-	-	-	-	" 8am	48 N	12 W	29.95	NW	6-7	-
" 8am	49 N	29 W	30.08	WSW	4-5	o	-	-	-	-	" 9am	49 N	11 W	29.93	NW	4-5	-
Baltic { 7am	49 N	26 W	30.08	WSW	1-3	c	-	-	-	-	Mimichaha { 6th July 4am	49 N	21 W	30.12	WNW	4-5	-
" 7am	49 N	26 W	30.08	WSW	1-3	c	-	-	-	-	" 7am	49 N	21 W	30.20	WNW	4-5	-
" 8am	48 N	29 W	30.03	W	1-3	-	-	-	-	-	" 8am	49 N	21 W	30.06	WNW	6-7	-
" 9am	47 N	31 W	30.05	W	1-3	-	-	-	-	-	" 9am	49 N	21 W	30.13	WNW	6-7	-
Mount Royal { 7am	48 N	24 W	30.28	W	4-5	-	-	-	-	-	" 10am	49 N	21 W	30.21	WNW	4-5	-
" 7am	48 N	25 W	30.28	WSW	4-5	bc	-	-	-	-	" 11am	49 N	21 W	30.17	WSW	4-5	-
" 8am	48 N	26 W	30.27	WSW	6-7	-	-	-	-	-	" 12am	48 N	21 W	30.06	NW	8-9	-
" 9am	47 N	27 W	30.28	W	6-7	m	-	-	-	-	" 1am	49 N	20 W	30.06	NW	8-9	-
" 10am	49 N	20 W	30.11	NW	4-5	-	-	-	-	-	" 2am	50 N	17 W	30.03	NW	6-7	-
Mauritania { 7am	49 N	22 W	30.15	WNW	4-5	o	-	-	-	-	" 3am	51 N	16 W	30.08	NW	6-7	-
" 8am	48 N	27 W	30.11	WSW	6-7	-	-	-	-	-	" 4am	51 N	12 W	29.98	NW	6-7	-
" 9am	48 N	29 W	30.20	WSW	6-7	o	-	-	-	-	" 5am	51 N	16 W	29.95	WNW	6-7	-
New York { 5th July 3pm	48 N	21 W	30.11	WSW	4-5	-	-	-	-	-							
" 6pm	48 N	22 W	30.08	WSW	4-5	o	-	-	-	-							
" 7pm	46 N	23 W	30.25	S	1-3	-	-	-	-	-							
Majestic { 7am	47 N	28 W	30.27	SW	4-5	-	-	-	-	-							
" 8am	48 N	23 W	30.21	SW	4-5	-	-	-	-	-							
" 9am	48 N	22 W	30.17	SW	4-5	o	-	-	-	-							

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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. gloomy; h. hail; i. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
63, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday  
8th July 1909

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.						
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Force (0 to 12).	Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun. shine.	Rainfall.
		At 82° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Dry Bulb.	Wet Bulb.				Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Max.	Min.								
Ins.		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
SCANDINAVIA.	Haparanda...	29.94	62	2	0	bc	29.86	+0.08	69	62	+5	S	2	C	5	52	52	52	52	52	52	52	52
	Hernösand...	29.86	59	2	0	bc	29.80	-0.01	61	55	+5	N	2	C	5	54	54	54	54	54	54	54	54
	Stockholm...	29.70	60	ENE	4	bc	29.61	-0.09	66	60	+2	NE	4	C	5	58	58	58	58	58	58	58	58
	Wisby...	29.53	65	SE	4	C	29.52	-0.01	65	61	0	SE	4	C	5	70	70	70	70	70	70	70	70
	Karlstad...	29.66	65	ENE	4	C	29.63	-0.03	62	58	0	NE	4	C	5	55	55	55	55	55	55	55	55
	Färder (X'lanta Fjord)	29.57	59	NE	4	C	29.60	+0.03	58	56	+1	NNE	4	C	5	55	55	55	55	55	55	55	55
	Bodö...	29.80	59	2	0	bc	29.82	+0.02	63	59	0	E	1	C	5	54	54	54	54	54	54	54	54
	Christiansund	29.77	64	2	0	bc	29.78	+0.01	56	54	-4	2	0	C	5	54	54	54	54	54	54	54	54
Skudesnaes	29.60	58	NNE	2	0	29.61	+0.01	59	56	+1	NNE	4	0	2	59	59	59	59	59	59	59	59	
ICELAND & FAEROE.	Isafjord...	29.92	58	NE	4	bc	29.74	-0.18	54	52	+4	2	0	C	5	50	50	50	50	50	50	50	50
	Reykjavik...	29.95	57	NW	1	bc	29.69	-0.26	52	50	0	2	0	C	5	50	50	50	50	50	50	50	50
	Seydijord...	29.93	64	ENE	4	bc	29.76	-0.17	47	45	-1	N	1	C	5	50	50	50	50	50	50	50	50
	Thorshavn...	29.96	55	NE	5	0	30.01	+0.05	50	48	-3	WSW	2	C	5	50	50	50	50	50	50	50	50
	Sumburgh Head	29.81	54	NW	3	C	29.89	+0.08	51	48	0	N	5	C	5	59	59	59	59	59	59	59	59
	Stornoway...	29.98	57	N	5	bc	30.11	+0.13	51	49	-1	NW	3	0	3	58	58	58	58	58	58	58	58
	Castlebay (Barra Id.)	29.99	57	NW	4	bc	30.12	+0.13	53	51	-1	NW	2	0	3	58	58	58	58	58	58	58	58
	Malin Head...	29.92	55	NW	6	bc	30.04	+0.12	53	50	-1	N	3	C	5	61	61	61	61	61	61	61	61
BRITISH ISLANDS.	Blackod Pt. ...	30.10	57	NNW	6	cpq	30.13	+0.03	56	53	+1	2	0	C	5	61	61	61	61	61	61	61	61
	Valencia...	30.17	55	NNW	5	0	30.24	+0.07	54	53	+1	NNW	2	0	5	60	60	60	60	60	60	60	60
	Roche's Point...	30.02	61	N	6	C	30.19	+0.17	56	53	0	N	5	C	5	61	61	61	61	61	61	61	61
	Birr Castle...	30.00	59	WNW	6	0	30.19	+0.19	56	53	-1	WNW	4	0	5	63	63	63	63	63	63	63	63
	Donaghadee...	29.88	57	NNW	5	C	30.07	+0.19	55	52	+1	NNW	5	C	3	61	61	61	61	61	61	61	61
	Liverpool Obsy...	29.77	56	W	5	0	29.99	+0.22	55	53	0	WNW	4	bc	3	60	60	60	60	60	60	60	60
	Holyhead...	29.84	56	NW	6	cpm	30.04	+0.20	56	52	+1	NW	6	1	5	58	58	58	58	58	58	58	58
	Pembroke (St. Ann's Hd.)	29.89	57	NW	4	C	30.09	+0.20	55	52	+2	NNW	5	bc	4	60	60	60	60	60	60	60	60
BRITISH ISLANDS.	Scilly (St. Mary's)	29.94	58	NW	5	bc	30.15	+0.21	56	53	+1	NNW	5	0	2	61	61	61	61	61	61	61	61
	Jersey (St. Aubins)	29.87	60	WNW	5	bc	30.01	+0.14	58	54	+1	NW	4	bc	3	64	64	64	64	64	64	64	64
	Portland Bill...	29.77	60	NW	5	C	29.96	+0.19	59	56	+3	NW	4	bc	3	63	63	63	63	63	63	63	63
	Dungeness...	29.70	56	WNW	2	0	29.81	+0.11	55	54	0	WNW	4	bc	4	61	61	61	61	61	61	61	61
	Dover...	"	"	"	"	"	"	"	54	53	+1	N	5	bc	5	62	62	62	62	62	62	62	62
	Wick...	29.87	52	N	3	0	29.00	+0.13	50	49	-2	N	4	0	2	55	55	55	55	55	55	55	55
	Nairn...	29.87	53	NNE	2	C	30.04	+0.17	51	49	-1	WSW	1	0	1	59	59	59	59	59	59	59	59
	Aberdeen...	29.80	57	NNW	3	C	29.97	+0.17	53	50	0	NW	4	C	3	61	61	61	61	61	61	61	61
GERMANY, &c.	Leith...	29.78	57	E	1	C	29.98	+0.20	56	50	+4	NNW	3	bc	4	60	60	60	60	60	60	60	60
	North Shields	29.72	55	NNW	4	C	29.92	+0.20	54	50	-1	NNW	6	C	3	58	58	58	58	58	58	58	58
	Spurn Head...	29.65	57	NNW	5	C	29.79	+0.14	55	52	0	NNW	7	C	5	61	61	61	61	61	61	61	61
	Yarmouth...	29.62	59	NW	2	bc	29.76	+0.14	53	53	-1	NW	6	bc	5	61	61	61	61	61	61	61	61
	Clacton-on-Sea...	29.66	59	WNW	3	0	29.81	+0.15	54	53	-1	NW	4	0	3	64	64	64	64	64	64	64	64
	Nottingham...	29.68	59	WNW	3	0	29.89	+0.21	59	55	+4	NNW	4	C	4	63	63	63	63	63	63	63	63
	Bath...	29.79	58	NW	1	0	30.00	+0.21	59	54	+3	NW	2	bc	4	65	65	65	65	65	65	65	65
	Oxford...	29.78	56	NW	4	0	29.95	+0.17	58	56	+2	NW	4	0	4	64	64	64	64	64	64	64	64
FRANCE.	London (St. James's Pk)	29.69	61	WNW	4	0	29.87	+0.18	56	54	+1	NNW	3	bc	4	66	66	66	66	66	66	66	66
	The Scaw (Skagen)	29.47	58	NNE	1	bc	29.50	+0.03	59	59	+2	ENE	2	bc	0	63	63	63	63	63	63	63	63
	Faenö...	29.46	58	NE	1	C	29.48	+0.02	58	57	0	NNE	2	bc	0	64	64	64	64	64	64	64	64
	Cuxhaven...	29.46	59	N	1	0	29.43	+0.03	60	53	+4	N	4	0	3	61	61	61	61	61	61	61	61
	The Helder...	29.55	56	NNW	4	bc	29.58	+0.03	55	53	0	N	5	0	3	57	57	57	57	57	57	57	57
	Brussels...	"	"	"	"	"	29.72	+0.17	52	52	-1	WSW	2	bc	4	60	60	60	60	60	60	60	60
	Berlin...	29.47	58	SW	4	bc	29.56	+0.09	58	80	-1	SW	3	0	4	70	70	70	70	70	70	70	70
	Frankfurt...	29.60	57	SW	3	0	29.69	+0.09	55	77	0	SW	5	0	4	63	63	63	63	63	63	63	63
SPANISH PENIN.	Munich...	29.69	54	SW	4	bc	29.77	+0.08	53	75	+1	SW	5	0	4	61	61	61	61	61	61	61	61
	C. Gris Nez...	29.69	57	NW	3	0	29.80	+0.11	54	54	0	NW	4	0	4	59	59	59	59	59	59	59	59
	La Hève...	29.77	57	WNW	5	C	29.95	+0.18	55	53	-1	N	6	bc	5	59	59	59	59	59	59	59	59
	Brest...	30.01	58	NW	4	bc	30.13	+0.12	57	55	0	NW	4	bc	3	61	61	61	61	61	61	61	61
	Lorient...	29.95	61	NW	4	bc	30.05	+0.10	57	55	0	NW	4	0	3	63	63	63	63	63	63	63	63
	Rochefort...	29.93	63	NW	5	bc	30.07	+0.14	62	62	0	NW	4	bc	4	64	64	64	64	64	64	64	64
	Biarritz...	30.12	62	WNW	6	0	30.18	+0.06	61	58	-2	WNW	5	0	5	64	64	64	64	64	64	64	64
	Paris...	29.73	56	WNW	3	bc	29.86	+0.13	56	54	-1	WNW	3	0	4	64	64	64	64	64	64	64	64

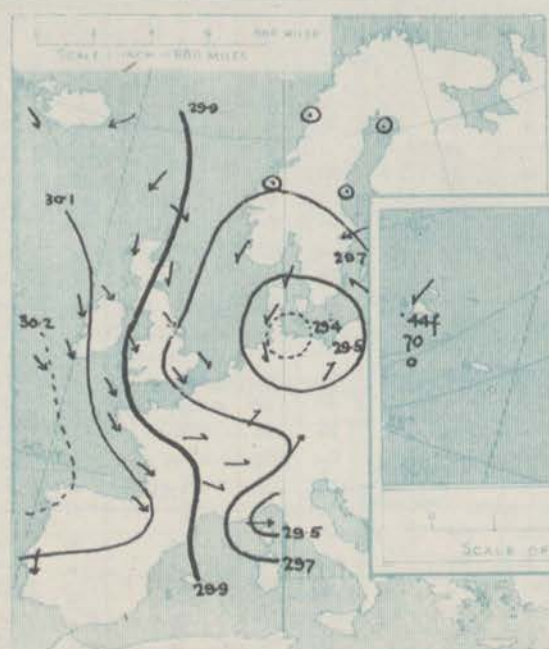


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

7 A.M. YESTERDAY.

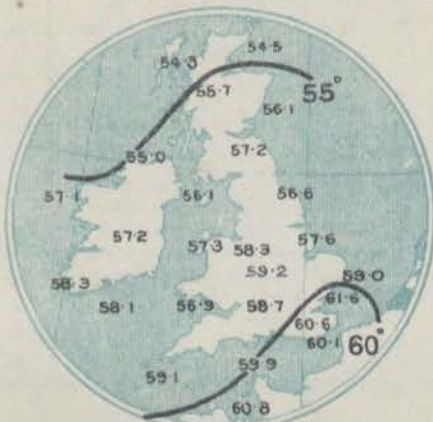


6 P.M. YESTERDAY



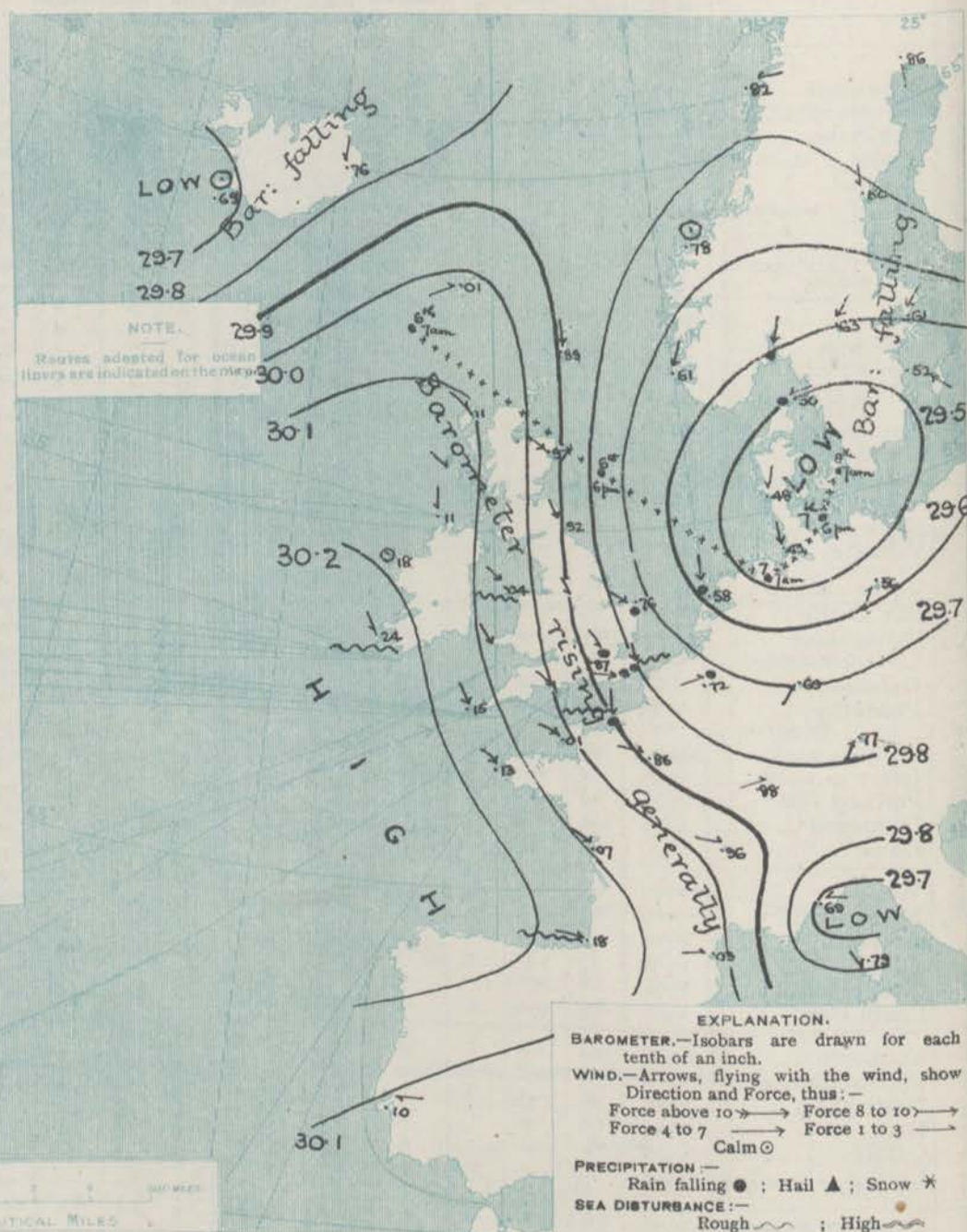
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE TWO MONTHLY PERIOD  
JUNE - JULY

(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Thursday, WEATHER 8<sup>th</sup> July.

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression of the past two days is now moving away towards the Baltic, and the barometer is rising over Northern Europe generally. The anticyclone recently noticed between the Azores and the Spanish coast has extended northwards over our own western districts, but a new depression has appeared off the west of Ireland, and the barometer is again falling over the whole of that island.

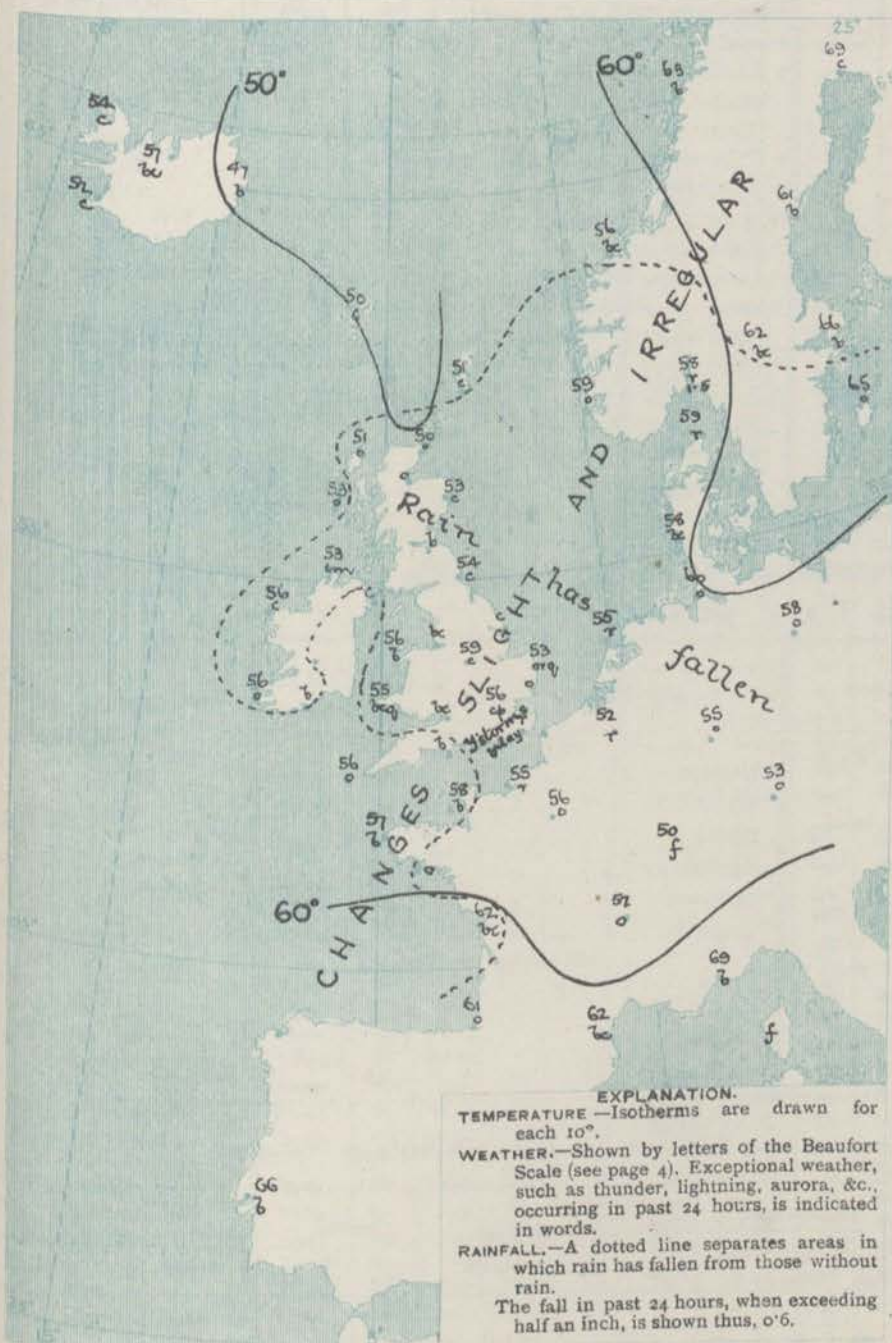
The wind is North-Westerly to Westerly over the greater part of the United Kingdom and France, and is strong to high in force on the east coasts of England. In Germany it is light to fresh from the South-Westward, while in Denmark and the south of Scandinavia it is North-Easterly. Temperature has changed little and somewhat irregularly. Over the United Kingdom the morning readings range from 59° at Nottingham and Portland Bill, and 55° and upwards at most of the English and Irish stations to 50° at Wick. In Sweden the thermometer is above 60°, and at Apatanda it stands at 63°. The weather is fair or fine over the greater part of the United Kingdom, as well as in the west and south of France. Rain is, however, still falling in the east and south-east of England and in the Netherlands, so well as at Flanders and the Rhine. The sea is rather rough on the east and south-east coasts of England, and also at Lumburg Head, Holyhead and Valencia.



# CHARTS

8<sup>th</sup> July, 1909

## 2 TEMPERATURE AND WEATHER AT 7 A.M. TO DAY.



### NOTES ON YESTERDAY'S WEATHER

Over the United Kingdom generally the maximum temperatures recorded yesterday were very little above 60°, but in London and at some of our south coast stations the thermometer rose to slightly above 65°. The amount of bright sunshine was generally small, but rather considerable over the western half of the Channel. Rain has again fallen in most districts, and thunderstorms, or thunder only, occurred yesterday in the east and southeast of England.

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

The western anticyclone will probably extend somewhat further to the eastward, and over the southern parts of the United Kingdom the weather will continue fair for the present with some increase in temperature. The new depression which is appearing in the neighbourhood of Iceland is, however, likely to spread southwards, so that on our northern coasts the wind will probably back to the Westward or South-Westward, with a renewal of unsettled weather in the course of tomorrow.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 { North-Westerly to Westerly or South-Westerly winds, moderate; fair to-day, some rain again tomorrow. Rather cool.
- 1 { North-Westerly winds strong, to Westerly, moderate; fair generally. Rather warmer, not settled.
- 2 { North-Westerly winds, fresh at first, moderating later; fair generally and rather warmer. Not settled.
- 3 { Same as Nos 0 and 1.
- 4 { Same as No. 2.
- 5 { North-Westerly winds, light or moderate; fair generally. Later warmer.
- 6 { Same as Nos. 0 and 1.
- 7 { Same as No. 2.
- 8 { Same as Nos. 0 and 1.
- 9 { Same as No. 2.
- 10 { Same as No. 2.

### 11 WESTERN CHANNEL AND BAY

Moderate to fresh North-Westerly winds, with a moderate sea, some Westerly swell; fair generally. Rather warmer.

### FORECAST DISTRICTS.

Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.





## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	62	53		4.4	0.15	Worthing, to 6 p.m. ...	66	50	r. c. tp. c	6.3	0.04
† Oban, to 6 p.m. ...	62	53		5.1	-	Brighton, to 6 p.m. ...	64	52	o. cl.	5.0	0.60
Dublin (City), to 4 p.m. ...	64	50	p. c. q. c	-	0.05	Seaford, to 6 p.m. ...	63	51	o. c	3.5	0.62
Rossall Beach, to 6 p.m. ...	59	54	c. ep. d. c	-	0.05	Eastbourne, to 6 p.m. ...	61	51		3.0	0.40
Blackpool, to 9 p.m. ...	60	53	c. ep. c	5.1	0.01	Bexhill-on-Sea, to 9 p.m. ...	62	51	o. p. cl.	2.8	0.62
Southport, to 9 p.m. ...	59	54	o. c. bc. b	4.2	-	Hastings ...	60	51	r. bc. o	2.5	0.12
† Rhyll, to 6 p.m. ...	59	53	o. c. o	3.2	-	Folkestone, to 6 p.m. ...	60	51		2.5	0.42
† Colwyn Bay, to 6 p.m. ...	58	52	op. c. o	1.5	-	Ramsgate, to 6 p.m. ...	60	53	r. o	0.9	0.33
Llandudno, to 9 p.m. ...	58	51	c	0.1	-	Margate, to 6 p.m. ...	64	51		2.7	0.19
Bettws-y-Coed, to 8 p.m. ...	60	54	c. op. c	1.7	0.03	† Felixstowe, to 6 p.m. ...	61	51	o. ep. c	3.7	0.21
Towyn, to 6 p.m. ...	59	54		3.0	-	† Lowestoft, to 6 p.m. ...	61	54	r. bc. c	3.6	0.17
Aberystwyth, to 6 p.m. ...	64	53		7.8	0.03	† Skagness, to 6 p.m. ...	63	52	bc	7.5	0.09
Plymouth, to 9 p.m. ...	67	53	c. bc	8.1	-	Scarborough, to 9 p.m. ...	61	50	op. bc. ep. c	5.1	0.20
Torquay, to 6 p.m. ...	66	52		5.6	0.01	† Harrogate, to 6 p.m. ...	59	49	c. p. r	4.5	0.20
† Weymouth, to 6 p.m. ...	65	53		8.0	0.05	Darwen, to 9 p.m. ...	62	49	ow. b. tp. c	3.5	0.21
Bournemouth, to 6 p.m. ...						Manchester, to 9 p.m. ...	62	53	op. c. ep	3.2	0.07
Southsea, to 6 p.m. ...						Birmingham, to 9 p.m. ...					

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 7th July, 1909.	59	52	r. r	Ins. 0.43	Naples ... 7th July, 1909.	not received			Ins.
Aix-la-Chapelle ...	not received				Malta ...	81	63	b	-
Copenhagen ...	66	59	o. o	0.16	Berne ...			o. r	0.67
Yverdon ...	54	43	bc. b	-	Zurich ...			r. c	0.87
St. Petersburg ...	72	54	b. o	-	Geneva ...			o. bc	0.35
Vienna ...	75	59	c. r	0.04	Lugano ...			r. f	0.67
Buda-Pesth ...	71	63	bc. o	0.12	Coire ... 6th July, 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Hermanstadt ...	75	54	r. b	0.43	Castasegna ...	64		o	0.20
Trieste ...	75	66	o. o	-	Davos ...	57		bc	0.16
Florence ...	81	66	b. o	-	St. Gothard ...	not received			
Rome ...	80	66	b. c	-					

## WIRELESS TELEGRAMS—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
H.M.S. ... 5th July Noon	51° 30' N	9° 55' W	30.88	NW	4	bc	58	55	55	3	New York ... 6th July 4am	48° N	26° W	30.25	WNW	4-5	
" ... 4pm	51° 27' N	9° 54' W	30.05	NW	5	bc	60	57	55	4	" ... 7am	47° N	28° W	30.26	WNW	4-5	
" ... 6pm	50° 40' N	8° 37' W	30.06	NW	4	c	61	58	57	4	Manchukow ... 6th July 3pm	48° N	25° W	30.47	WNW	4-5	
Mount Temple ... 5th July 4am	50° N	25° W	30.01	W	4-5	-					" ... 6pm	48° N	26° W	30.51	WNW	4-5	
" ... 7am	50° N	24° W	30.02	W	4-5	o					Carmania ... 7th July 3pm	51° N	10° W	30.12	NW	6-7	
" ... 8pm	50° N	22° W	29.88	S	4-5	-					" ... 6pm	51° N	12° W	30.22	NW	6-7	
" ... 9pm	50° N	21° W	29.78	SW	6-7	m											
" ... 10pm	50° N	18° W	29.78	NW	8-9	m											
" ... 11pm	50° N	17° W	29.84	NW	8-9	o											
" ... 12am	50° N	15° W	29.81	NNW	6-7	-											
" ... 1pm	50° N	14° W	29.82	NW	6-7	c											
" ... 2pm	50° N	11° W	30.01	NW	8-9	-											
" ... 3pm	50° N	10° W	30.02	WNW	6-7	c											

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 8 a.m. local time.
- (b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
68, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday  
9th July 1909.

STATIONS.	YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
	Barom.	Temp.	Wind.			Barometer.	Temperature.			Wind.						Temp.				
	At 38° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 38° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Sun-shine.	Rainfall.
	Ins.					Ins.	Ins.												Hours.	Ins.
SCANDINAVIA.																				
Haparanda...	29.81	66	S	2	bc	29.74	-0.12	70	63	+1	Z	0	b	*	77	48	*	*	*	*
Hernösand...	29.76	62	NE	2	b	29.72	-0.08	63	59	+2	M	2	b	*	73	48	*	*	*	*
Stockholm...	29.63	62	ESE	4	o	29.52	-0.09	66	62	0	NE	4	o	*	70	55	*	*	0.04	*
Wisby...	29.53	61	ESE	2	o	29.39	-0.13	58	57	-7	NE	4	r	*	70	48	*	*	0.12	*
Karlstad...	29.62	66	E	4	r	29.58	-0.05	64	62	+2	NNE	4	o	*	*	*	*	*	0.35	*
Færder (X'ania Fjord)	29.61	62	N	2	o	29.61	+0.01	62	60	+4	N	2	o	1	63	55	*	*	0.63	*
Bodö...	29.83	52	WSW	1	f	29.78	-0.04	51	49	-12	WSW	2	c	1	63	46	*	*	*	*
Christiansund...	29.55	54	Z	0	c	29.73	-0.05	53	53	-3	Z	0	f	1	57	52	*	*	*	*
Skudesnaes...	29.71	57	N	4	c	29.73	+0.02	52	51	-7	NNW	4	f	2	61	50	r, c	*	0.12	*
ICELAND & FAEROE.																				
Isafjord...	29.64	56	K	1	o	29.60	-0.04	50	*	-4	Z	0	o	*	*	*	*	*	*	*
Reykjavik...	29.63	54	SW	2	c	29.56	-0.08	50	*	-2	W	2	c	*	*	*	*	*	*	*
Seydisfjord...	29.61	71	ESE	2	b	29.52	-0.09	50	*	+3	Z	0	f	*	*	*	*	*	*	*
Thorshavn...	29.89	53	WSW	3	m	29.64	-0.25	50	*	0	Z	0	m	*	*	*	*	*	*	*
BRITISH ISLANDS.																				
Sumburgh Head	29.98	50	WNW	3	o	29.68	-0.21	50	50	-1	W	2	m	2	53	46	bc, o	*	0.01	*
Stornoway...	30.07	58	WSW	4	o	29.77	-0.24	54	53	+3	SW	4	o	4	62	51	o, bc, o, ody	6.3	0.01	*
Castlebay (Barra Id.)	30.11	55	WSW	3	o	29.82	-0.30	55	54	+2	W	4	om	3	57	52	o, c, bc, plm, o	5.8	0.01	*
Malin Head	30.14	57	W	2	cm	29.89	+0.22	55	55	+2	S	4	m	2	59	52	bc, m, om	*	0.17	*
Blacksod Pt.	30.22	58	W	4	c	29.99	-0.19	57	56	+1	WSW	4	m	4	61	53	c, cm, cm	*	0.17	*
Valencia...	30.29	57	NW	3	o	30.16	-0.08	56	50	0	S	2	ond	4	61	54	bc, o, cm, r	2.8	0.06	*
Roche's Point...	30.22	62	N	3	c	30.16	-0.03	56	53	-1	NW	2	o	1	67	52	bc, c, og, o	*	*	*
Birr Castle...	30.19	64	W	3	c	30.05	-0.14	57	56	+1	WSW	3	op	*	67	53	bc, op	7.8	0.02	*
Donaghadee...	30.15	58	NNW	5	c	30.01	-0.06	54	52	-1	SW	2	c	1	61	53	bc, c	*	*	*
Liverpool Obsy...	30.10	57	W	5	c	30.06	+0.07	54	53	-1	W	4	o	4	60	53	b	13.1	*	*
Holyhead...	30.14	56	NW	1	b	30.07	+0.03	55	53	-1	W	2	c	1	59	51	c, b	*	*	*
Pembroke (St. Ann's Hd.)	30.18	57	WNW	3	b	30.13	+0.04	54	53	-1	W	3	og	3	61	53	bc, bc	11.6	*	*
Scilly (St. Mary's)	30.23	58	NNW	4	c	30.23	+0.08	57	56	+1	WNW	3	c	2	60	56	c	9.4	*	*
Jersey (St. Aubins)	30.11	61	WNW	5	b	30.18	+0.17	60	58	+2	WNW	5	bc	4	65	43	bc, cm, cm	13.0	*	*
Portland Bill...	30.05	61	NW	5	c	30.10	+0.14	58	55	-1	WSW	4	b	3	62	55	b	14.0	*	*
Dungeness...	29.93	63	WNW	3	o	30.01	+0.20	56	53	+1	NW	5	bc	5	67	50	ep, bc, bc	1.0	0.04	*
Dover...	*	*	*	*	*	30.03	?	56	51	+2	NW	5	b	5	62	51	o, c, bc, b	2.0	*	*
Wick...	30.03	52	N	4	c	29.79	-0.21	55	54	+5	SW	1	r	1	57	47	*	*	0.02	*
Nairn...	30.04	62	E	1	bc	29.83	-0.21	56	52	+5	WSW	2	bc	2	64	51	c, b, bc	9.7	*	*
Aberdeen...	30.02	57	NNW	4	b	29.86	-0.11	52	50	-1	S	1	c	2	60	45	c, bc, bc, c	10.3	*	*
Leith...	30.00	65	E	1	b	29.89	-0.09	54	52	-2	WNW	3	o	*	70	52	b	*	*	*
North Shields...	30.00	57	NNW	4	b	29.95	+0.03	55	52	+1	SW	4	c	4	60	48	bc, b	12.1	*	*
Spurn Head...	29.92	57	NNW	7	b	29.95	+0.03	55	53	0	W	4	b	5	59	52	bc, bc	*	*	*
Yarmouth...	29.91	54	NNW	6	op	29.93	+0.02	57	52	+4	NW	4	bc	5	57	51	or, op	0.0	0.10	*
Clacton-on-Sea...	29.93	64	NW	5	bc	29.98	+0.05	56	54	+2	WNW	3	b	2	65	50	ow, c, bc, b	3.1	*	*
Nottingham...	29.98	65	NW	5	bc	30.01	+0.03	59	55	0	W	3	c	*	68	52	c, bc, b	8.5	*	*
Bath...	30.08	67	NW	3	b	30.11	+0.03	59	55	0	W	1	b	*	68	49	*	12.7	*	*
Oxford...	30.05	59	NW	3	b	30.07	+0.02	58	53	0	NW	4	bc	*	66	48	bc, q	*	*	*
London (St. James's Pk)	29.98	65	WNW	2	b	30.04	+0.06	56	52	0	NW	3	b	*	67	51	cq, bc, b	6.1	*	*
GERMANY, & C.																				
The Scaw (Skagen)	29.55	59	NNE	2	r	29.56	+0.06	59	59	0	N	3	o	1	64	55	*	*	0.35	*
Fanö...	29.54	58	NW	3	o	29.60	+0.12	59	58	+1	NNW	2	r	*	66	55	*	*	0.20	*
Cuxhaven...	29.32	60	NW	4	o	29.61	+0.18	59	94	-1	NW	2	o	*	61	57	*	*	0.04	*
The Helder...	29.69	55	N	7	r	29.78	+0.20	55	53	0	N	7	r	4	57	54	*	*	0.35	*
Brussels...	*	*	*	*	*	29.91	+0.19	52	52	0	NW	3	r	*	55	50	*	*	0.87	*
Berlin...	29.58	59	SW	3	o	29.55	-0.01	59	92	+1	W	2	o	*	66	55	*	*	0.12	*
Frankfurt...	29.73	57	SW	5	o	29.76	+0.07	56	79	+1	NW	6	o	*	63	52	*	*	0.20	*
Munich...	29.84	53	SW	5	bc	29.87	+0.10	51	89	-2	SW	6	r	*	57	50	*	*	0.16	*
FRANCE.																				
C. Gris Nez...	29.96	60	WNW	3	c	30.02	+0.22	55	54	+1	NW	3	m	4	61	54	*	*	*	*
La Hève...	30.06	59	W	6	o	30.13	+0.18	57	53	+2	WNW	4	b	4	59	52	*	*	*	*
Brest...	30.26	59	NW	4	b	30.28	+0.15	55	55	-2	NW	4	o	2	61	52	*	*	*	*
Lorient...	30.17	62	NNW	4	c	30.22	+0.17	55	54	-2	NW	3	o	3	64	52	*	*	*	*
Rochefort...	30.16	64	NW	5	b	30.32	+0.26	59	56	-3	NNW	3	o	*	66	57	b	*	*	*
Biarritz...	30.28	61	NW	4	o	30.33	+0.15	61	58	0	NW	3	o	4	64	59	*	*	*	*
Paris...	30.00	60	NW	3	o	30.08	+0.22	57	54	+1	WNW	3	bc	*	62	55	*	*	0.04	*
Belfort...	29.95	55	W	6	o	30.02	+0.14	50	50	0	W	7	r	*	59	50	*	*	0.87	*
Lyons...	30.06	55	NNW	1	c	30.16	+0.20	57	53	+5	N	1	o	*	67	51	bc, c	*	0.16	*
Nice...	29.78	68	E	1	b	29.91	+0.22	63	55	-6	Z	0	b	0	79	57	*	*	*	*
Perpignan...	30.07	65	W	5	b	30.20	+0.17	64	55	+2	W	5	b	*	72	59	*	*	*	*
Sanguinaire...	29.81	66	N	3	m	29.84	+0.05	66	62	+2	NE	2	bc	*	*	*	*	*	*	*
SPANISH PENIN.																				
Corunna...																				
Lisbon...	30.10	67	ESE	5	b	30.15	+0.05	74	59	+8	N	5	b	*	77	66	*	*	*	*
Azores (P. Delgada)...																				
" Horta...	30.48	70	NE	4	c	30.49	+0.05	70	63	0	ESE	4	bc	2	75	68	*	*	*	*



SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

7 A.M. YESTERDAY

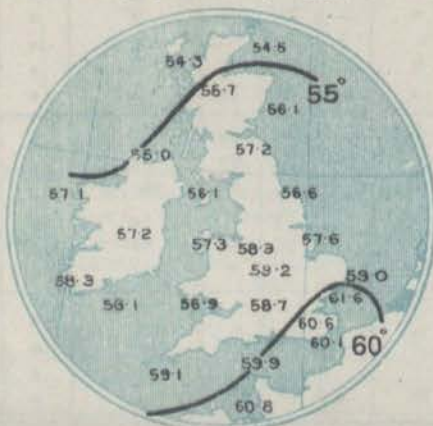


6 P.M. YESTERDAY



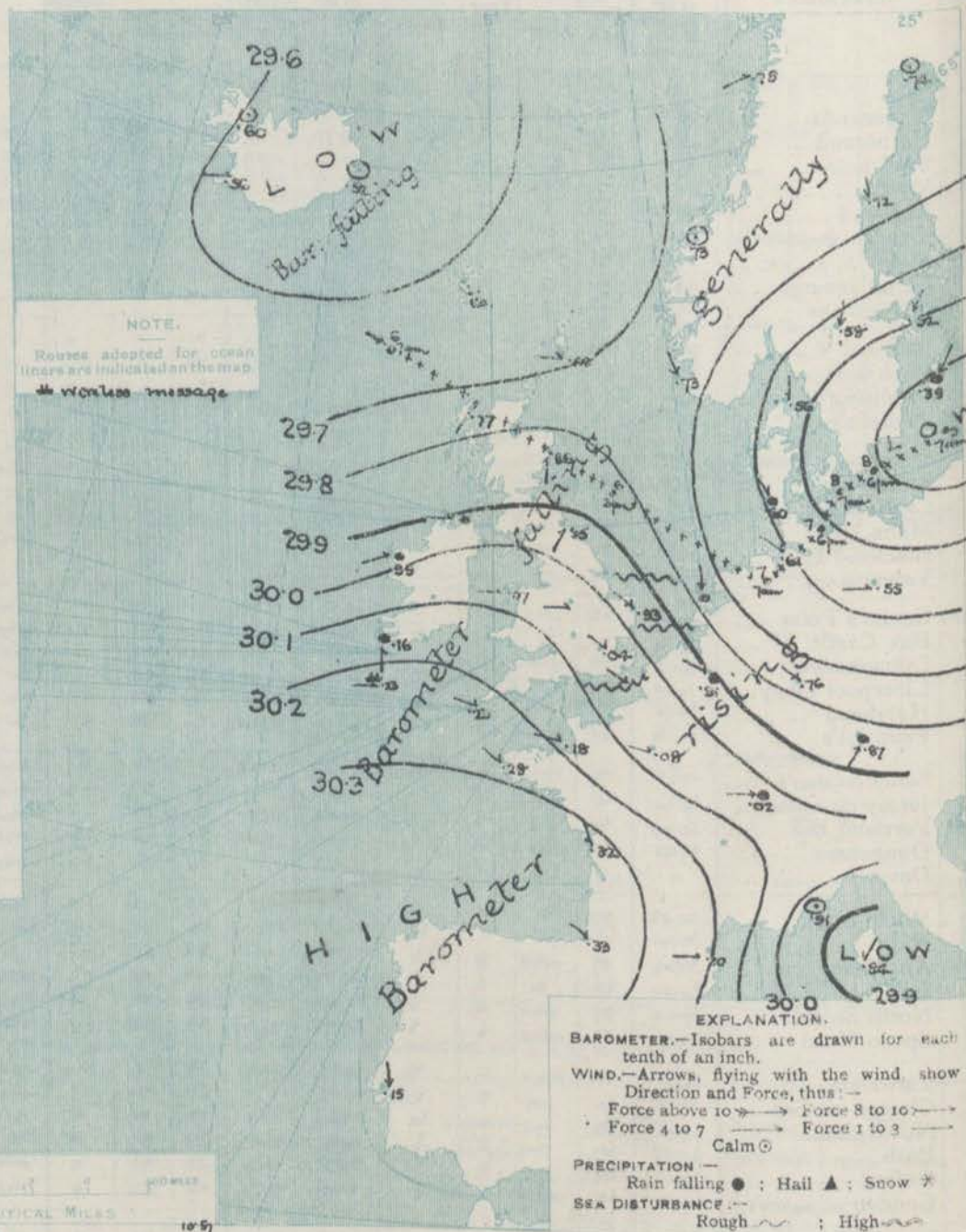
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE TWO MONTHLY PERIOD  
JUNE - JULY

(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Friday, WEATHER 9<sup>th</sup> July.

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

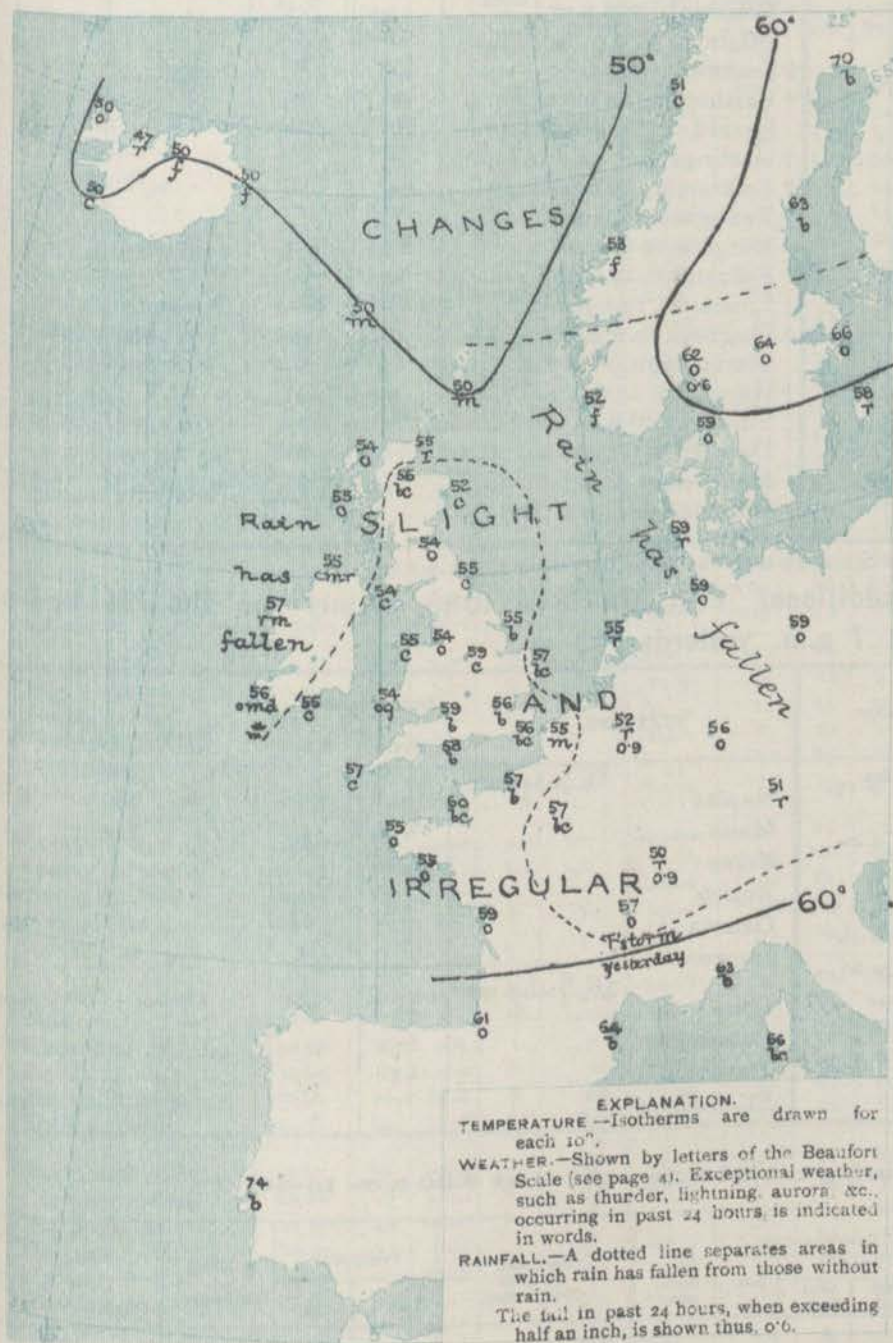
The depression of the past three days continues to move away very slowly across the Baltic. A new disturbance is in the meantime beginning to spread over the United Kingdom from the northern parts of the Atlantic, and on our extreme western and northern coasts the barometer is falling decidedly. An anticyclone still extends from the neighbourhood of the Azores as far east as Spain and the Bay of Biscay.

The wind has backed to the southward or south-westward in Ireland and Scotland, but is at present light or moderate in force. Over England it is moderate to fresh from the westward or north-westward, while in Holland, Western Germany and the east of France it is strong to high from the same quarters. Temperature has changed very little. Over the United Kingdom the morning readings range from 60° at Jersey, and 59° at Nottingham and Bath, to 52° at Aberdeen and 50° at Lumburg Head. In Sweden the thermometer is above 60°, and at Haparanda it is as high as 70°. The weather is fine in the south and east of England, but more or less cloudy in nearly all other localities. The approaching depression is causing rain over western and central Ireland, and in the rear of the Baltic disturbance rain is still falling in several parts of Denmark, Germany and the Netherlands. The sea is rather rough off the east and south-east of England, but moderate or slight elsewhere.



# CHARTS 9<sup>th</sup> July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M. TO DAY



### NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to 65° and upwards in several parts of England and Ireland, and to 70° at Leith. Very little bright sunshine was recorded in the east and south-east of England, but at many western and northern stations the duration exceeded 10 hours. Considerable quantities of rain have fallen on the Continent. Numerous reports show that in about the 20th Meridian steamers experienced yesterday light to moderate breezes from the north-westward, and foggy weather.

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

The new depression which is approaching our north-west coasts is likely to extend over the whole kingdom, and to cause a renewal of unsettled rainy weather in all districts. A decided increase of wind is probable on our western coasts, and later on in the south also. Temperature will continue below the normal generally.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 } Southerly and south-westerly winds, freshening considerably; dull, unsettled, some rain; remaining cool.
- 1 } Freshening southerly and south-westerly winds; fair at first, some rain later; remaining cool.
- 2 } Freshening southerly and south-westerly winds; fair at first, some rain later; remaining cool.
- 3 } North-westerly winds, backing later to south-west and freshening; fair today, some rain tomorrow; remaining cool.
- 4 } North-westerly winds, backing later to south-west and freshening; fair today, some rain tomorrow; remaining cool.
- 5 } North-westerly winds, backing later to south-west and freshening; fair today, some rain tomorrow; remaining cool.
- 6 } South-westerly winds, freshening considerably; dull, unsettled, some rain; cool.
- 7 } Westerly to south-westerly winds, freshening; fair at first, some rain later; cool.
- 8 } Westerly to south-westerly winds, freshening; fair at first, some rain later; cool.
- 9 } Same as Nos. 6 and 7.
- 10 } Same as Nos. 6 and 7.

### 11 WESTERN CHANNEL AND BAY

Freshening south-westerly winds mouth Channel and upper part Bay, with a rather rough sea. Moderate north-westerly winds further south, and a moderate sea. Weather cloudy, showery and cool.

### FORECAST DISTRICTS.

Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

South  
Cone.

North  
Cone.

Signals hoisted this morning.

South  
Cone.

North  
Cone.



None

Issued.



## DAILY WEATHER REPORT.

Friday, 9th July, 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	65	50	x	12.1	-	+ Worthing, to 6 p.m. ...	65	52	c. o. c	4.9	-
+ Oban, to 6 p.m. ...	65	50		15.2	-	Brighton, to 6 p.m. ...	66	53	x	3.5	-
Dublin (City), to 4 p.m. ...	68	51	c. b. bc		-	+ Seaford, to 6 p.m. ...	66	52	o. c	1.7	0.01
Rossall Beach, to 6 p.m. ...	60	55	c		-	+ Eastbourne, to 6 p.m. ...	66	52	*	2.5	0.10
Blackpool, to 6 p.m. ...	61	55		13.1	-	Bexhill-on-Sea, to 9 p.m. ...	66	52	c. b	2.3	0.05
Southport, to 9 p.m. ...	60	54	c. b. bc	14.8	-	+ Hastings ...	*	*	*	3.4	*
+ Rhyl, to 6 p.m. ...	60	54	c. bc. b.	12.0	-	+ Folkestone, to 6 p.m. ...	64	52	r. bc	1.2	0.14
+ Colwyn Bay, to 6 p.m. ...	61	52	c. bc. b.	8.0	-	+ Ramsgate, to 6 p.m. ...	*	*	*	1.9	0.12
Llandudno, to 9 p.m. ...	62	52	o. c. b	10.6	0.01	+ Margate, to 6 p.m. ...	60	53	r. o	0.3	0.12
Bettws-y-Coed, to 6 p.m. ...	60	54	c. b	4.5	*	+ Felixstowe, to 6 p.m. ...	62	51	*	1.0	0.03
Towyn, to 6 p.m. ...	62	52	o. c. b. bc	6.2	-	+ Lowestoft, to 6 p.m. ...	55	52	o. c. op. c	0.0	0.21
+ Aberystwyth, to 6 p.m. ...	59	54	*	8.9	-	+ Skegness, to 6 p.m. ...	62	54	r. c. b	6.6	0.05
Plymouth, to 9 p.m. ...	65	55	bc	10.7	-	Scarborough, to 9 p.m. ...	60	52	o. c. bc	6.0	0.02
Torquay, to 6 p.m. ...	66	55	*	11.8	-	+ Harrogate, to 6 p.m. ...	67	51	c. bc. b	13.1	-
+ Weymouth, to 6 p.m. ...	67	54	bc. b	14.0	0.02	Buxton, to 6 p.m. ...	64	50	or. p. c. bc. b	10.6	0.02
+ Bournemouth, to 6 p.m. ...	69	53	b. bc	11.0	0.02	Darwen, to 9 p.m. ...	67	51	o. bc. bc	11.1	0.02
Southsea, to 6 p.m. ...	70	54	*	8.3	-	Manchester, to 9 p.m. ...	66	55	or. c. bc. b	12.3	0.03
						Birmingham, to 9 p.m. ...					

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 8th July 1909.	61	54	bc. r	Ins. 0.12	Naples ... 8th July 1909.	76	67	bc. bc	Ins. 0.20
Aix-la-Chapelle ...	not received.				Malta ...	83	73	b	-
Copenhagen ...	63	57	bc. m	0.04	Berne ...	*	*	o. r	0.55
Varese ...	50	45	o. bc	-	Zurich ...	*	*	bc. r	0.47
St. Petersburg ...	75	57	c. o	-	Geneva ...	*	*	r. r	0.16
Vienna ...	72	55	r. o	0.16	Lugano ...	*	*	o. bc	0.25
Buda-Pesth ...	75	55	r. r	0.51	Coire ... 7th July 1909.	59	50		Measured 7.30 a.m.
Hermanstadt ...	79	61	bc. b	-	Castasegna ...	57	*	b	0.24
Trieste ...	70	57	o. r	0.39	Davos ...	43	*	o	0.59
Florence ...	77	60	o. o	-	St. Gothard ...	?	*	?	1.42
Rome ...	80	65	o. bc	-					

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
Carmania { 8th July 7am	50 N	16 W	30.36	NNW	6-7	-	.	.	.	.				Ins.			
" " 7am	50 N	18 W	30.40	NNW	4-5	f	.	.	.	.							
Empress of Ireland { 7th July 3pm	50 N	28 W	30.53	SSE	1-3	-	.	.	.	.							
" " 6pm	50 N	27 W	30.54	SSE	1-3	o	.	.	.	.							
" " 9th 4am	50 N	22 W	30.49	NE	1-3	-	.	.	.	.							
" " 12pm	50 N	20 W	30.48	WNW	1-3	f	.	.	.	.							
" " 3pm	50 N	16 W	30.44	NNE	1-3	-	.	.	.	.							
" " 6pm	50 N	15 W	30.41	WNW	1-3	m	.	.	.	.							
" " 9th 4am	51 N	10 W	30.39	W	1-3	.	.	.	.	.							
" " 7am	51 N	10 W	30.23	W	1-3	m	.	.	.	.							

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 651 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
68, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)

SCANDINAVIA.

ICELAND &amp; FAEROE.

BRITISH ISLANDS.

GERMANY, &amp;

FRANCE.

SPANISH



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

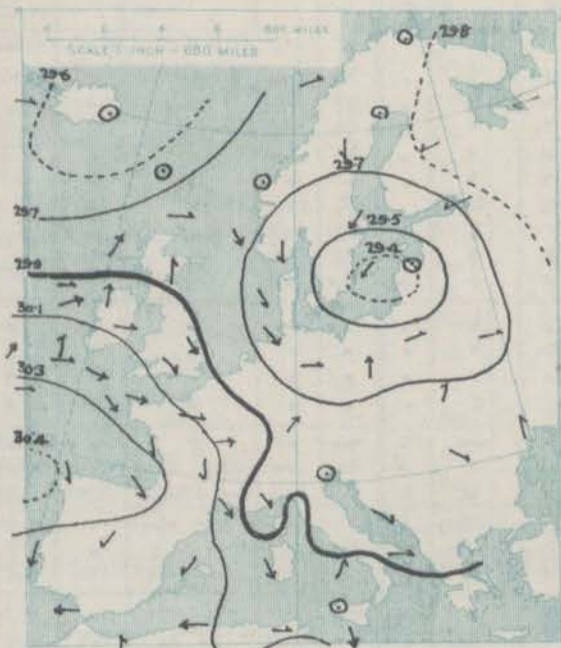
Saturday  
10th July, 1909.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.	Force	Weather.	Barometer.		Temperature.			Wind.		Sea	Temp.		Weather.	Sun.	Rainfall.		
							At 33° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force		Max.	Min.					
		Ins.	Dry Bulb.	Direc.	(0 to 12).		Ins.	Ins.	°	°	°	Direc.	Force	(0 to 12).		°	°		Hours.	Ins.	
SCANDINAVIA.	Haparanda...	29.63	71	2	0	b	29.62	-12	73	64	+3	ENE	2	b	*	52	54	*	*	*	
	Hernösand...	29.61	69	NE	2	b	29.51	-21	70	61	+7	NE	2	b	*	77	52	*	*	*	
	Stockholm...	29.40	64	N	4	o	29.41	-11	62	57	-3	NE	2	o	*	72	61	*	*	0.08	
	Wisby...	29.26	37	NE	6	o	29.27	-12	57	54	-1	NE	4	c	*	61	54	*	*	0.16	
	Karlstad...	29.49	66	2	0	bc	29.46	-12	68	62	+4	NE	2	b	*	*	*	*	*	*	
	Færder (X'ania Fjord)	29.50	66	W	1	c	29.46	-15	66	59	+4	NNE	2	bc	1	66	262	*	*	*	
	Bodö...	29.67	54	ENE	1	b	29.62	-15	58	56	+2	N	1	b	1	55	48	*	*	*	
	Christiansund...	29.64	53	2	0	f	29.51	-22	53	53	0	NE	3	f	1	55	52	*	*	*	
	Skudesnaes...	29.60	51	N	4	o	29.49	-24	53	51	+1	2	0	o	2	54	48	*	*	*	
	Isafjord...	29.75	50	NE	5	b	29.93	+33	50	*	0	2	0	b	*	*	*	*	*	*	
Reykjavik...	29.69	58	W	4	c	29.91	+35	51	*	+1	N	2	b	*	*	*	*	*	*		
Seydisfjord...	29.51	54	E	4	r	29.77	+25	47	*	-3	SW	6	o	*	*	*	*	*	*		
Thorshavn...	29.59	58	S	2	o	29.65	+01	54	*	+4	2	0	c	*	*	*	*	*	*		
ICELAND & FAEROE.	Sumburgh Head	29.58	50	S	2	r	29.47	-34	51	51	+1	NW	1	m	2	54	48	r	*	0.43	
	Stornoway...	29.68	54	NNW	5	c	29.68	-09	52	51	-2	NW	4	c	3	59	50	odpm, cdp	2.6	0.07	
	Castlebay (Barra Id.)	29.72	56	NNW	4	bc	29.73	-09	53	50	-2	NW	4	bc	3	57	50	ed, o, bc, o	3.8	0.25	
	Malin Head...	29.72	53	SW	4	rm	29.73	-16	51	50	-4	NNW	5	cpq	3	57	50	orm, opm	*	0.59	
	Blacksod Pt. ...	29.84	54	W	5	ny	29.98	-14	53	50	-4	NNW	6	cpq	5	59	51	cmr, cpq	*	0.29	
	Valencia...	29.96	58	WNW	4	c	29.99	-17	53	51	-3	NW	5	op	5	59	51	f, rm, bc	1.0	0.58	
	Roche's Point...	29.90	56	NNW	3	c	29.91	-25	54	51	-1	NNW	4	c	3	62	52	c, o, r, c	*	0.30	
	Birr Castle...	29.82	59	W	6	o	29.87	-18	55	51	-2	WNW	6	cpq	*	60	49	or, cpq	0.8	0.42	
	Donaghadee...	29.74	55	SW	2	r	29.74	-27	53	51	-1	WNW	3	c	2	62	50	og, or, c	*	0.42	
	Liverpool Obsy...	29.75	57	SW	3	r	29.69	-37	53	51	-1	W	5	0	4	66	58	bc, o, d	2.5	0.29	
BRITISH ISLANDS.	Holyhead...	29.76	56	W	4	rgm	29.72	-35	55	53	0	NW	4	c	3	61	52	cpm, rgm	*	0.54	
	Pembroke (St. Ann's Hd.)	29.81	56	WSW	7	r	29.78	-35	53	51	-1	WNW	6	cpq	5	58	52	og, cpm, rm	2.7	0.55	
	Scilly (St. Mary's)	29.99	58	WOW	4	r	29.90	-33	55	52	-2	NNW	4	c	2	60	54	o, r	0.0	0.42	
	Jersey (St. Aubins)	30.03	58	W	5	o	29.79	-39	58	54	-2	WNW	5	bc	4	62	55	o, of, m, or, c	6.6	0.65	
	Portland Bill...	29.91	58	WSW	5	bc	29.69	-41	56	55	-2	NW	4	bc	4	61	54	bc, o	9.5	0.35	
	Dungeness...	29.89	60	SW	5	bc	29.60	-41	56	55	0	W	4	r	4	64	55	bc, or	12.5	0.18	
	Dover...	*	*	*	*	*	29.61	-42	56	55	0	WNW	3	0	3	58	54	b, bc, or	12.7	0.14	
	Wick...	29.60	55	N	3	r	29.58	-21	52	50	-3	N	4	bc	2	63	48	*	*	0.30	
	Nairn...	29.61	57	W	1	o	29.63	-20	52	49	-4	WNW	3	0	2	62	49	bc, cp, c, o	0.3	0.07	
	Aberdeen...	29.58	58	NW	1	r	29.59	-27	52	48	0	WNW	4	0	2	66	49	c, or, o, c	2.2	0.84	
GERMANY, &c.	Leith...	29.62	57	WSW	3	r	29.63	-26	54	49	0	NNW	2	b	*	63	50	o, c, or	*	0.11	
	North Shields...	29.66	60	SSW	3	p	29.60	-35	53	51	-2	NW	3	c	3	69	50	c, p	2.9	0.14	
	Spurn Head...	29.71	64	SSW	3	c	29.55	-40	54	53	-1	NNW	5	r	4	68	53	bc, cp, or	*	0.45	
	Yarmouth...	29.83	68	WSW	4	bc	29.51	-42	55	54	-2	NW	2	or	3	71	54	bc	12.5	0.20	
	Clacton-on-Sea...	29.83	67	WSW	2	c	29.56	-42	56	53	0	WNW	3	0	2	71	55	b, bc, or	11.9	0.13	
	Nottingham...	29.76	65	WSW	2	o	29.60	-41	54	53	-5	WNW	4	rm	*	72	54	c, op, or	7.7	0.56	
	Bath...	29.90	63	W	1	o	29.71	-40	59	54	0	W	2	0	*	66	53	*	8.5	0.40	
	Oxford...	29.78	61	SSW	3	r	29.66	-41	57	52	-1	NW	5	c	*	71	54	c, r	*	0.39	
	London (St. James's Pk)	29.86	67	W	4	c	29.61	-43	56	55	0	NW	2	op	*	71	55	c, o, op	10.3	0.25	
	The Scaw (Skagen)	29.52	61	NW	1	b	29.47	-09	58	56	-1	WNW	4	c	1	70	55	*	*	*	
FRANCE.	Fanö...	29.63	54	NW	4	o	29.56	-04	59	56	0	SW	2	bc	*	66	52	*	*	0.12	
	Cuxhaven†...	29.68	58	NW	5	o	29.61	-00	55	46	-4	SW	2	0	*	61	54	*	*	0.04	
	The Helder...	29.83	56	WSW	2	bc	29.54	-24	57	57	+2	SW	5	r	3	59	52	*	*	0.08	
	Brussels...	*	*	*	*	*	29.65	-26	56	56	+4	SW	3	r	*	67	51	*	*	0.28	
	Berlin†...	29.87	65	W	4	o	29.60	+05	56	56	-3	WNW	6	0	*	68	54	*	*	0.24	
	Frankfurt†...	29.87	55	SW	3	r	29.77	+01	57	57	+1	SW	6	0	*	59	52	*	*	0.12	
	Munich†...	29.96	51	SW	5	o	29.90	+03	51	46	0	SSW	4	0	*	54	48	*	*	0.12	
	C. Gris Nez...	29.95	58	W	6	bc	29.58	-44	55	55	0	W	4	r	4	61	55	*	*	0.35	
	La Hève...	30.05	59	W	6	o	29.74	+39	56	53	-1	WNW	6	0	6	61	52	*	*	0.24	
	Brest...	30.16	57	WSW	4	m	29.92	-36	56	54	+1	NW	5	bc	3	63	54	*	*	0.47	
SPANISH PENIN.	Lorient...	30.18	57	W	4	o	29.86	-36	56	55	+1	WNW	4	b	3	64	54	*	*	0.51	
	Rochefort...	30.22	63	NW	4	c	29.87	-45	62	60	+3	WSW	5	r	*	66	59	c	*	0.59	
	Biarritz...	30.32	64	W	3	b	30.09	-24	59	57	-2	SW	3	0	2	68	55	*	*	*	
	Paris...	30.02	67	W	2	bc	29.75	-33	55	55	-2	SSW	4	r	*	72	56	*	*	0.32	
	Belfort...	30.08	53	W	5	r	29.95	-07	54	52	+4	WSW	5	0	*	55	50	*	*	0.59	
	Lyons...	30.12	66	NNW	2	b	29.44	-22	58	54	+1	SSW	1	0	*	70	48	*	*	*	
	Nice...	29.87	70	NW	1	b	29.89	-07	63	57	0	2	0	b	2	77	55	*	*	*	
	Perpignan...	30.14	73	N	3	b	30.03	-17	64	57	0	SW	1	b	*	76	64	*	*	*	
	Sanguinaire...	29.96	71	W	3	bc	29.82	-02	68	62	+2	S	3	bc	97	*	*	*	*	*	
	Corunna...	30.15	72	N	5	b	30.17	+02	69	60	-5	N	4	b	*	86	63	*	*	*	
Lisbon...	30.30	67	NE	4	b	30.49	+03	68	62	+1	NE	5	b	4	73	64	*	*	*		
" Horta...	30.55	70	ENE	4	b	30.55	+06	69	64	-1	NE	4	0	2	75	66	*	*	*		

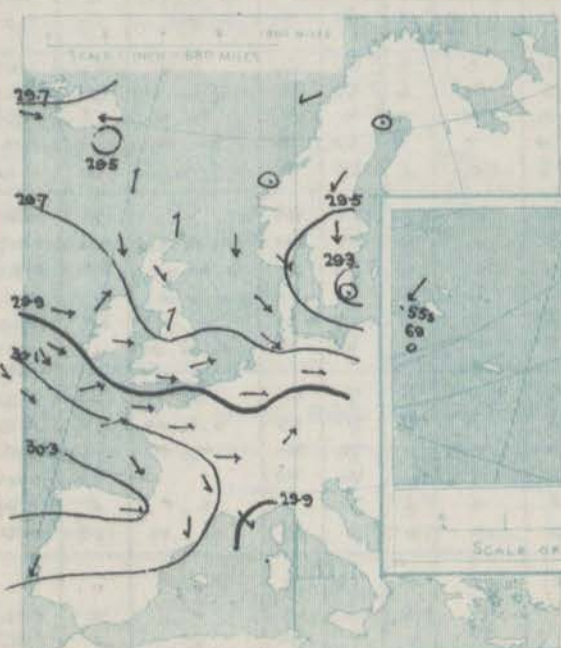


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

7 A.M. YESTERDAY.



6 P.M. YESTERDAY.



AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF JULY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)

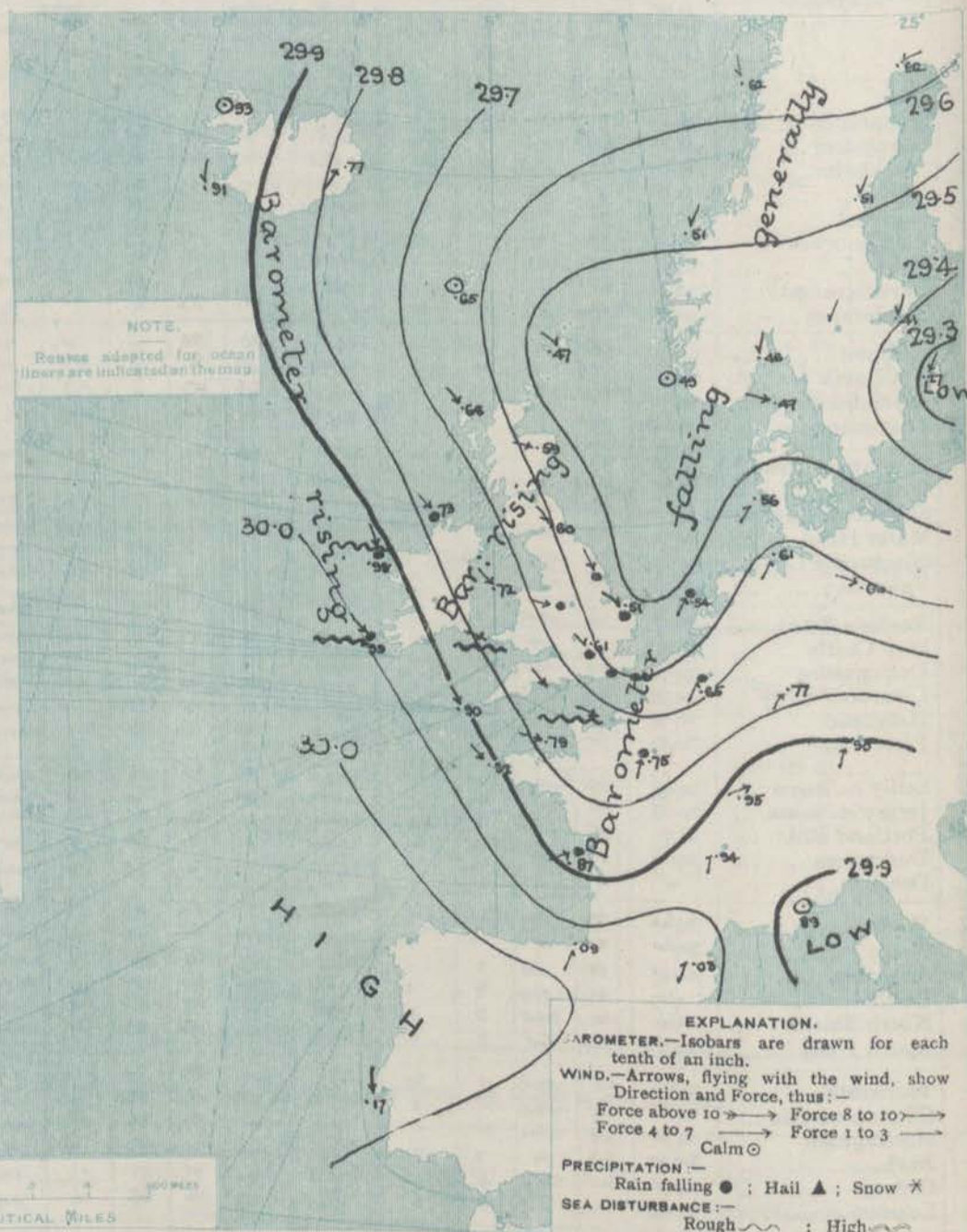


Saturday,

WEATHER

10<sup>th</sup> July,

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTE.

Routes adapted for ocean  
liners are indicated on the map.

EXPLANATION.

BAROMETER.—Isobars are drawn for each  
tenth of an inch.  
WIND.—Arrows, flying with the wind, show  
Direction and Force, thus:—  
Force above 10 ——— Force 8 to 10 ———  
Force 4 to 7 ——— Force 1 to 3 ———  
Calm ☉  
PRECIPITATION:—  
Rain falling ● ; Hail ▲ ; Snow ✕  
SEA DISTURBANCE:—  
Rough ~~~~~ ; High ~~~~~

NOTES ON THE GENERAL SITUATION AT 7 A.M.

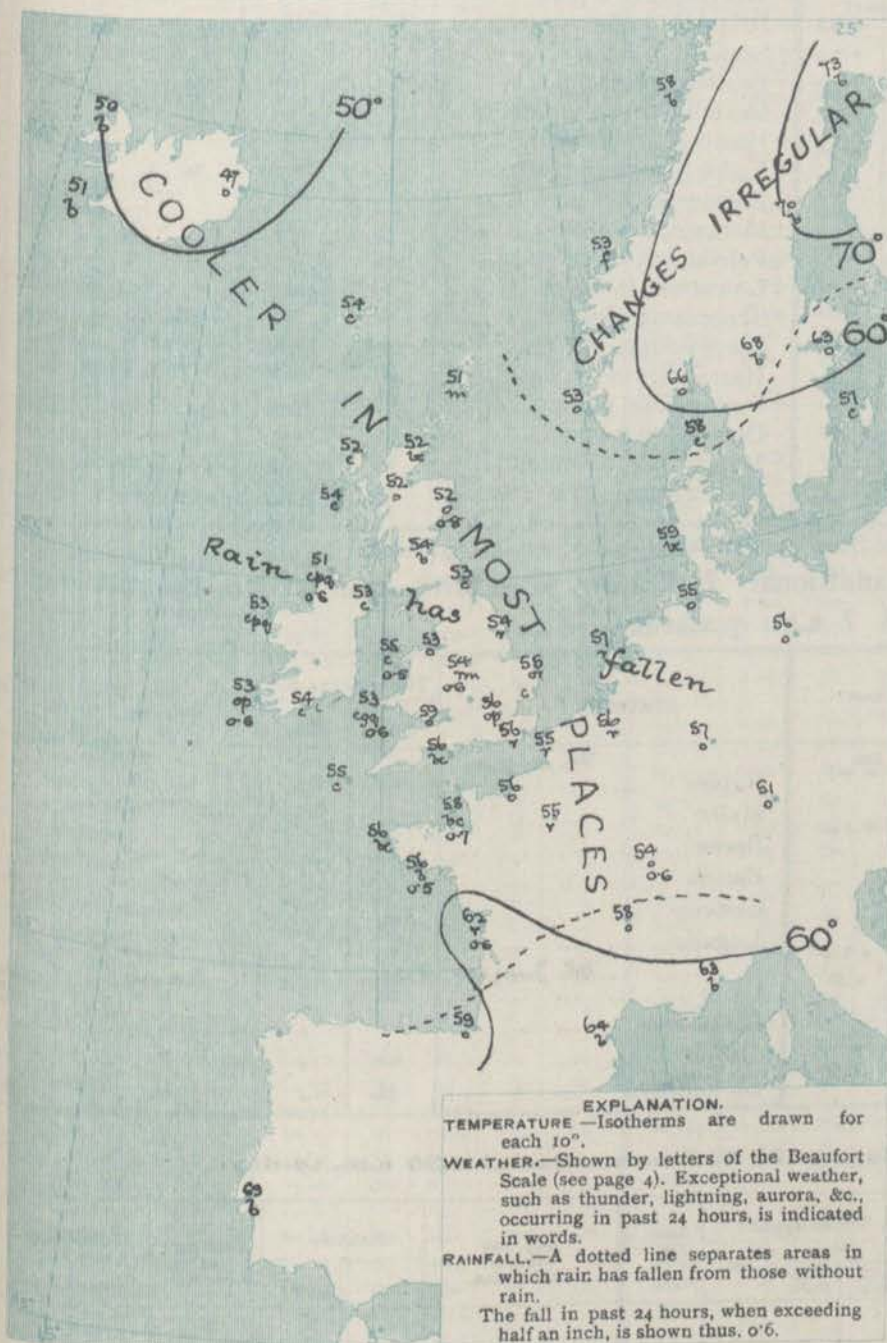
The depression which extended over these islands yesterday is now passing across the North Sea, and the barometer is rising on all but our South and South-east coasts; on the Continent a general fall is in progress. Pressure now ranges from 30.0 ins. and upwards over the Spanish Peninsula and all neighbouring parts of the Atlantic to 29.3 ins. and less in a small disturbance lying over Gotthland.

The wind has veered to the N.W. over the whole of the United Kingdom, and blows strongly on some of the more exposed parts of our Western coasts. In France, Germany and the Netherlands it is light to fresh from the S.W. Temperature has fallen slightly in these islands, and is now below 55° at all but our Southern stations, and very little above 50° in the northern parts of Ireland and Scotland. Warm weather continues to prevail in Sweden, the readings of the thermometer being as high as 70° at Helsingfors, and 73° at Haparanda. The weather, although fine in places, is in a very changeable condition over Western Europe generally. Rain is falling over eastern and central England, the Netherlands and many parts of France, and passing showers are reported in the West of Ireland. The sea is moderate or slight generally, but rather rough off the west of Ireland and at Penbrooke, as well as on the north coast of France.



# CHARTS 10<sup>th</sup> July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M. TO DAY.



### NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to 70° or slightly above it in several parts of England, but on our extreme Western and northern coasts it did not reach 60°. More than 12 hours of bright sunshine were recorded on our east and south-east coasts, but in the western and northern parts of the country the duration was small. Rain has fallen, — heavily in places. A solar halo was seen yesterday at Oxford.

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

The low pressure system over the North Sea and the Continent will continue to move eastward, but shallow secondary disturbances are likely to pass southward across the United Kingdom to-day. The weather will, therefore continue in a changeable, showery state, with a temperature considerably below the normal.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 } North-Westerly to Northerly winds, light or moderate; fair generally, but some local showers; cool.
- 1 }
- 2 } North-Westerly winds, fresh;
- 3 } cool and showery to-day, finer and rather warmer to-morrow.
- 4 }
- 5 }
- 6 }
- 7 }
- 8 } North-Westerly winds, strong in places; showery at first, improving later. Cool.
- 9 }
- 10 }

### 11 WESTERN CHANNEL AND BAY

Fresh North-Westerly winds, and a moderate sea, some westerly swell. Showery north Channel and northern part Bay, finer further south. Cool.

### FORECAST DISTRICTS.

Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

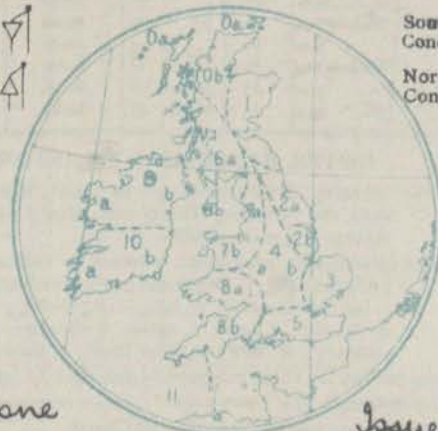
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



None

Issued.



## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	61	53	*	2.6	-	+ Worthing, to 6 p.m. ...	69	51	c. bc. o	12.3	-
Oban, to 6 p.m. ...	61	53	*	0.1	0.28	+ Brighton, to 6 p.m. ...	67	51	*	11.5	-
Dublin (City), to 4 p.m. ...	64	54	bc. o. or. org	*	0.20	+ Seaford, to 6 p.m. ...	64	50	b. o	12.3	-
Rossall Beach, to 6 p.m. ...	58	54	c. or	*	0.25	+ Eastbourne, to 6 p.m. ...	67	50	*	12.0	-
Blackpool, to 9 p.m. ...	60	54	or	0.1	0.46	Bexhill-on-Sea, to 9 p.m. ...	*	*	*	*	*
Southport, to 9 p.m. ...	62	54	o. or	0.7	0.38	+ Hastings ...	*	*	*	12.0	-
+ Rhyl, to 6 p.m. ...	60	54	bc. r	2.7	0.07	+ Folkestone, to 6 p.m. ...	67	52	bc. b	12.2	-
Colwyn Bay, to 6 p.m. ...	63	53	b. p. d	4.0	0.14	+ Ramsgate, to 6 p.m. ...	*	*	*	13.4	-
Llandudno, to 9 p.m. ...	65	53	b. bc. or	2.6	0.48	+ Margate, to 6 p.m. ...	71	53	b	12.0	-
Bettws-y-Coed, to 6 p.m. ...	*	*	*	*	*	+ Felixstowe, to 6 p.m. ...	70	51	*	12.8	-
Towyn, to 6 p.m. ...	61	47	bc. c. or	0.6	0.36	+ Lowestoft, to 6 p.m. ...	71	49	o. c. bc. o	12.3	-
Aberystwyth, to 6 p.m. ...	60	55	*	1.0	0.10	+ Skagness, to 6 p.m. ...	70	57	b. bc	11.0	-
Plymouth, to 9 p.m. ...	*	*	*	*	*	Scarborough, to 9 p.m. ...	70	49	bc	8.9	0.4
Torquay, to 6 p.m. ...	69	52	*	9.8	-	Harrogate, to 6 p.m. ...	62	48	*	11.1	0.4
+ Weymouth, to 6 p.m. ...	67	54	b. d. c	9.5	-	+ Buxton, to 6 p.m. ...	66	50	bc. c. bc. or	7.5	0.0
+ Bournemouth, to 6 p.m. ...	70	51	b. bc	10.6	-	Darwen, to 9 p.m. ...	67	49	bc. om. r	0.3	0.0
Southsea, to 6 p.m. ...	69	51	*	11.6	-	Manchester, to 9 p.m. ...	68	53	c. bc. or	1.3	0.0
						Birmingham, to 9 p.m. ...	72	50	c. b. bc. r	3.8	0.0

+ At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flyshing ... 28th July 1909.	55	52	r. r	Ins. 0.47	Naples ... 28th July 1909.	74	62	b. b	Ins.
Aix-la-Chapelle ...	not	received			Malta ...	84	70	b	-
Copenhagen ...	64	55	o. m	0.04	Berne ...	*	*	o. o	0.28
Oslo ...	52	45	bc. b	-	Zurich ...	*	*	o. r	0.20
St. Petersburg ...	52	50	b. bc	-	Geneva ...	*	*	o. r	0.16
Vienna ...	64	54	b. c	-	Lugano ...	*	*	b. o	-
Buda-Pesth ...	68	54	o. b	0.24	Coire ... 28th July 1909.	55	1.80 p.m.	1.80 p.m.	Measured 7.30 a.m. 0.52
Hermanstadt ...	66	54	r. bc	0.51	Castasegna ...	64	*	o	1.81
Trieste ...	66	57	b. b	-	Davos ...	46	*	o	0.75
Florence ...	76	55	b. b	-	St. Gothard ...	36	*	bc	0.35
Rome ...	78	59	b. b	-					

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- tur- bance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.	
	Lat.	Long.		Dir.	Force.		Air.	Dry Bulb.	Wet Bulb.			Sea.	Lat.		Long.	Dir.
	°	°	Ins.				°	°	°			°	°	Ins.		
<u>Germania</u>	8th July 5pm	50 N 21 W	30.51	WSW	4-5	.	.	.	.		<u>Philadelphia</u>	8th July 6pm	48 N 23 W	30.38	SW	1-3
	" " 6pm	49 N 22 W	30.49	WSW	4-5	f	.	.	.			" " 7am	49 N 18 W	30.25	WSW	1-3
	7th July 7am	52 N 34 W	30.37	NW	1-2	-	.	.	.			" " 7am	49 N 17 W	30.19	W	4-5
	" " 7am	53 N 33 W	30.37	WSW	4-5	f	.	.	.			" " 3pm	49 N 13 W	?	WNW	4-5
	" " 3pm	53 N 28 W	30.38	W	4-5	.	.	.	.			" " 6pm	49 N	29.90	WNW	1-3
	" " 6pm	54 N 28 W	30.41	W	4-5	m	.	.	.		<u>Caronia</u>	9th July 7am	49 N 20 W	30.23	W	4-5
<u>Corsican</u>	8th July 7am	54 N 23 W	30.34	W	4-5	-	.	.	.			" " 7am	50 N 19 W	30.23	WSW	4-5
	" " 7am	54 N 22 W	30.32	W	4-5	f	.	.	.			" " 3pm	50 N 15 W	30.14	NW	4-5
	" " 3pm	55 N 18 W	30.23	W	4-5	-	.	.	.			" " 6pm	50 N 14 W	30.10	NW	4-5
	" " 6pm	55 N 16 W	30.17	W	4-5	f	.	.	.			<u>Laurentic</u>	8th July 3pm	51 N 11 W	29.91	NW
	9th " 7am	55 N 11 W	29.81	W	4-5	-	.	.	.		" " 6pm		51 N 12 W	29.90	NW	6-7
	" " 7am	55 N 10 W	29.92	W	4-5	m	.	.	.							
<u>Adriatic</u>	8th July 7am	51 N 15 W	30.25	WSW	4-5	.	.	.	.							
	" " 7am	50 N 16 W	30.19	WSW	6-7	o	.	.	.							
	8th July 7am	46 N 29 W	30.37	W	1-3	.	.	.	.							
<u>Philadelphia</u>	" " 7am	47 N 28 W	30.34	SW	1-3	bc	.	.	.							
	8th " 3pm	47 N 24 W	30.37	SW	1-3	-	.	.	.							

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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. gloomy; h. hail; i. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
63, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday  
11th July, 1909.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9).	TEMP.		Weather.	Sun-shine.	Rainfall.		
At 32° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Direc.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Max.	Min.	Hours.	Ins.							
Haparanda...		29.60	65	N	2	b	29.65	+0.03	68	67	-5	NE	2	0	81	57	*	*	-		
Hernösand...		29.52	65	NE	2	b	29.54	+0.03	68	60	-2	E	4	0	81	63	*	*	-		
Stockholm...		29.89	64	ENE	4	0	29.45	+0.04	65	59	+2	NNE	4	0	68	57	*	*	0.20		
Wisby...		29.88	56	2	0	c	29.40	+0.13	56	55	-1	N	4	0	59	52	*	*	0.04		
Karlstad...		29.49	68	2	0	b	29.52	+0.06	68	60	0	NE	2	0	*	*	elv. b	*	-		
Färder (X'ania Fjord)		29.47	65	WNW	1	0	29.52	+0.06	65	62	-1	NNE	2	0	73	63	*	*	0.04		
Bodö...		29.61	69	ENE	1	b	29.62	0.00	71	62	+13	E	2	0	70	57	*	*	-		
Christiansund...		29.53	58	2	0	m	29.62	+0.11	53	53	0	W	1	0	59	52	*	*	-		
Skudesnaes...		29.50	56	NNW	4	b	29.59	+0.10	58	56	+5	N	5	0	59	50	c. b	*	-		
Isafjord...		29.97	53	ENE	4	b	29.92	-0.01	54	*	+4	2	0	0	*	*	*	*	*		
Reykjavik...		29.89	55	N	3	b	29.88	-0.03	54	*	+3	ESE	2	0	*	*	*	*	*		
Seydisfjord...		29.92	53	ENE	3	0	29.99	+0.22	46	*	-1	Z	0	0	*	*	*	*	*		
Thorshavn...		29.77	56	2	0	c	29.91	+0.26	53	*	-1	NE	5	0	*	*	*	*	*		
Sumburgh Head		29.67	52	N	3	r	29.76	+0.29	50	49	-1	N	2	0	55	47	m. r	*	0.19		
Stornoway...		29.82	56	NNW	5	bc	29.94	+0.26	53	50	+1	NNW	5	0	59	49	bc. bcq. bc. c	10.0	0.03		
Castlebay (Barra Id.)		29.87	56	NW	5	b	29.99	+0.26	54	51	+1	NW	3	0	59	51	bc. o. bc. c	12.5	0.01		
Malin Head...		29.87	56	NW	5	bc	29.98	+0.25	54	52	+3	NW	4	0	56	50	gpg. bcq. m	*	0.04		
Blacksod Pt.		30.03	55	NNW	5	op	30.10	+0.12	54	52	+1	NNW	3	0	59	51	bcq. cnp	*	0.05		
Valencia...		30.13	55	NW	5	c	30.15	+0.16	56	51	+3	NNW	3	0	59	50	cpq. c. bcq	4.7	0.20		
Roche's Point...		29.99	58	N	7	bc	30.11	+0.20	54	51	0	NW	3	0	61	53	bcq. bc. o	*	0.02		
Birr Castle...		29.96	56	NW	4	c	30.16	+0.29	55	52	0	WNW	5	0	61	50	ctf. c	10.3	0.25		
Donaghadee...		29.84	57	NNW	3	b	29.95	+0.21	55	51	+2	NNE	4	0	58	51	bc. b	*	-		
Liverpool Obsy...		29.77	57	W	5	b	29.87	+0.18	54	51	+1	WNW	5	0	59	53	b	12.1	-		
Holyhead...		29.83	56	WNW	3	b	29.94	+0.22	55	53	0	NW	5	0	59	52	bc. b	*	0.01		
Pembroke (St. Ann's Hd.)		29.87	55	NW	4	bc	29.97	+0.19	54	51	+1	NW	6	0	58	48	cgq. bc	8.5	0.03		
Scilly (St. Mary's)		29.95	56	NNW	5	c	30.06	+0.16	56	53	+1	NNW	5	0	59	55	c	11.0	0.04		
Jersey (St. Aubins)		29.82	57	WNW	5	0	29.95	+0.16	56	53	-2	NW	3	0	61	54	cm. bc. cpq	6.0	0.01		
Portland Bill		29.75	55	W	4	c	29.87	+0.18	56	53	0	WNW	5	0	60	53	c	7.8	0.06		
Dungeness...		29.68	57	NNE	2	0	29.79	+0.19	53	51	-3	NW	4	0	64	48	cp. ctw	1.5	0.02		
Dover...		*	*	*	*	*	29.82	+0.21	55	52	-1	NW	3	0	62	51	o. c. bc. c	1.8	-		
Wick...		29.73	50	N	4	0	29.85	+0.27	51	49	-1	N	4	0	57	45	-	*	0.01		
Nairn...		29.74	57	W	3	0	29.88	+0.25	52	49	0	WNW	3	0	59	50	o. c. o	4.2	-		
Aberdeen...		29.67	56	NW	5	0	29.83	+0.24	53	49	+1	NNW	4	0	58	49	o. c. bc. o	5.0	-		
Leith...		29.71	61	NNW	3	c	29.85	+0.22	55	50	+1	WNW	2	0	63	53	op. bc. c. bc	*	0.03		
North Shields		29.67	58	NNW	3	c	29.80	+0.20	51	48	-2	N	4	0	59	48	cp	4.1	0.08		
Spurn Head		29.66	59	NNW	4	bc	29.70	+0.15	51	50	-3	NW	5	0	59	50	bcq. bc. or	*	0.09		
Yarmouth...		29.65	58	NW	4	bc	29.71	+0.20	53	50	-2	NW	4	0	60	48	bc	7.5	0.02		
Clacton-on-Sea...		29.67	57	WNW	2	bc	29.78	+0.22	55	53	-1	WNW	3	0	61	48	op. r. bc. or	2.1	0.47		
Nottingham...		29.70	58	NW	4	0	29.81	+0.21	55	52	+1	NW	3	0	60	50	r. cp. op. c	2.0	0.09		
Bath...		29.81	57	NW	1	b	29.91	+0.20	56	50	-3	NW	2	0	63	49	-	7.2	0.05		
Oxford...		29.78	56	NW	3	bc	29.87	+0.21	55	51	-2	NW	4	0	65	50	bc. b. p	*	0.01		
London (St. James's Pk)		29.69	60	NW	4	op	29.82	+0.21	53	52	-3	NW	2	0	63	50	og. cp. op	0.9	0.05		
The Scaw (Skagen)		29.50	57	NW	1	c	29.52	+0.05	62	60	+4	NW	2	0	64	54	*	*	-		
Fanö...		29.53	60	SSE	2	c	29.58	+0.02	59	57	0	W	2	0	66	57	*	*	-		
Cuxhaven†...		29.54	61	S	2	0	29.61	0.00	56	95	+1	W	3	0	61	55	*	*	0.04		
The Helder...		29.58	55	NW	4	c	29.65	+0.11	54	52	-3	NW	4	0	61	54	*	*	-		
Brussels...		*	*	*	*	*	29.75	+0.10	54	51	-2	WNW	2	0	60	46	*	*	0.20		
Berlin†...		29.56	66	2	0	c	29.60	0.00	63	75	+7	W	2	0	73	56	*	*	-		
Frankfurt†...		29.65	55	SW	5	0	29.66	-0.11	54	74	-3	NW	4	0	66	52	*	*	-		
Munich†...		29.65	61	NW	2	0	29.67	-0.23	51	93	0	SW	2	0	68	48	*	*	0.75		
C. Gris Nez...		29.67	57	NNE	3	c	29.80	+0.22	55	54	0	NW	3	0	61	52	*	*	0.08		
La Hève...		29.75	55	WNW	3	c	?	?	54	51	-2	N	4	0	57	48	*	*	-		
Brest...		29.97	57	NW	5	bc	30.06	+0.14	55	52	-1	NW	4	0	57	50	*	*	0.12		
Lorient...		29.93	58	NW	6	r	30.00	+0.14	55	53	-1	NW	4	0	61	52	*	*	0.08		
Rochefort...		29.71	62	NW	6	bc	29.97	+0.10	58	55	-4	NW	5	0	64	54	b. bc	*	0.51		
Biarritz...		30.10	62	NW	6	0	30.10	+0.01	59	55	0	NW	7	0	63	52	*	*	0.43		
Paris...		29.72	56	N	2	r	29.83	+0.08	55	54	0	NNW	2	0	67	52	*	*	0.98		
Belfort...		29.82	53	WSW	3	r	29.77	-0.18	50	49	-4	W	5	0	61	44	*	*	0.24		
Lyons...		29.82	57	N	2	c	29.85	-0.09	48	45	-10	SW	1	0	64	46	*	*	0.43		
Nice...		29.75	60	SE	1	0	29.59	-0.30	60	53	-3	2	0	73	55	*	*	-			
Perpignan...		29.89	69	NW	4	0	29.90	-0.13	59	51	-5	W	5	0	76	54	*	*	-		
Sanguinaire...		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-		
Corunna...		30.34	63	NW	3	0	30.38	+0.12	61	58	-1	NNW	3	0	64	55	*	*	-		
Lisbon...		30.17	61	NNW	6	b	30.18	+0.01	63	54	-6	SSE	4	0	75	57	*	*	-		
Azores (P. Delgada)...		30.49	68	NE	4	c	30.43	-0.06	68	65	0	NE	4	0	72	66	*	*	-		
" Horta...		30.54	69	NE	4	bc	30.47	-0.08	69	66	0	NNE	4	0	75	68	*	*	-		



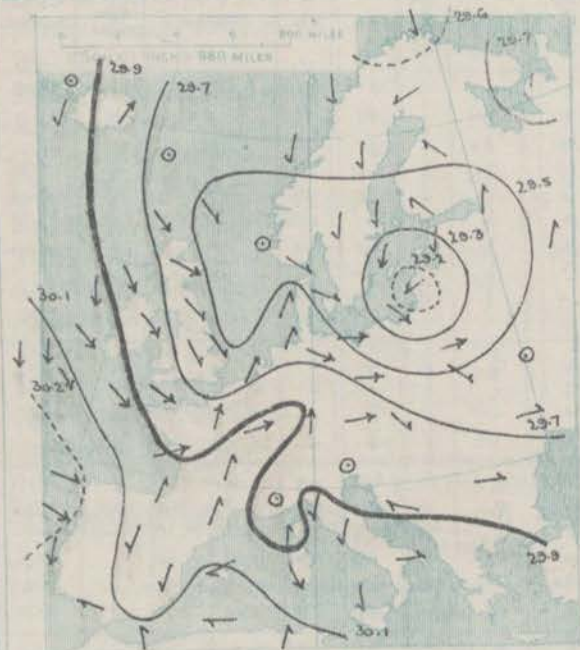
SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

Sunday,

WEATHER 11<sup>th</sup> July,

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.

7 A.M. YESTERDAY.

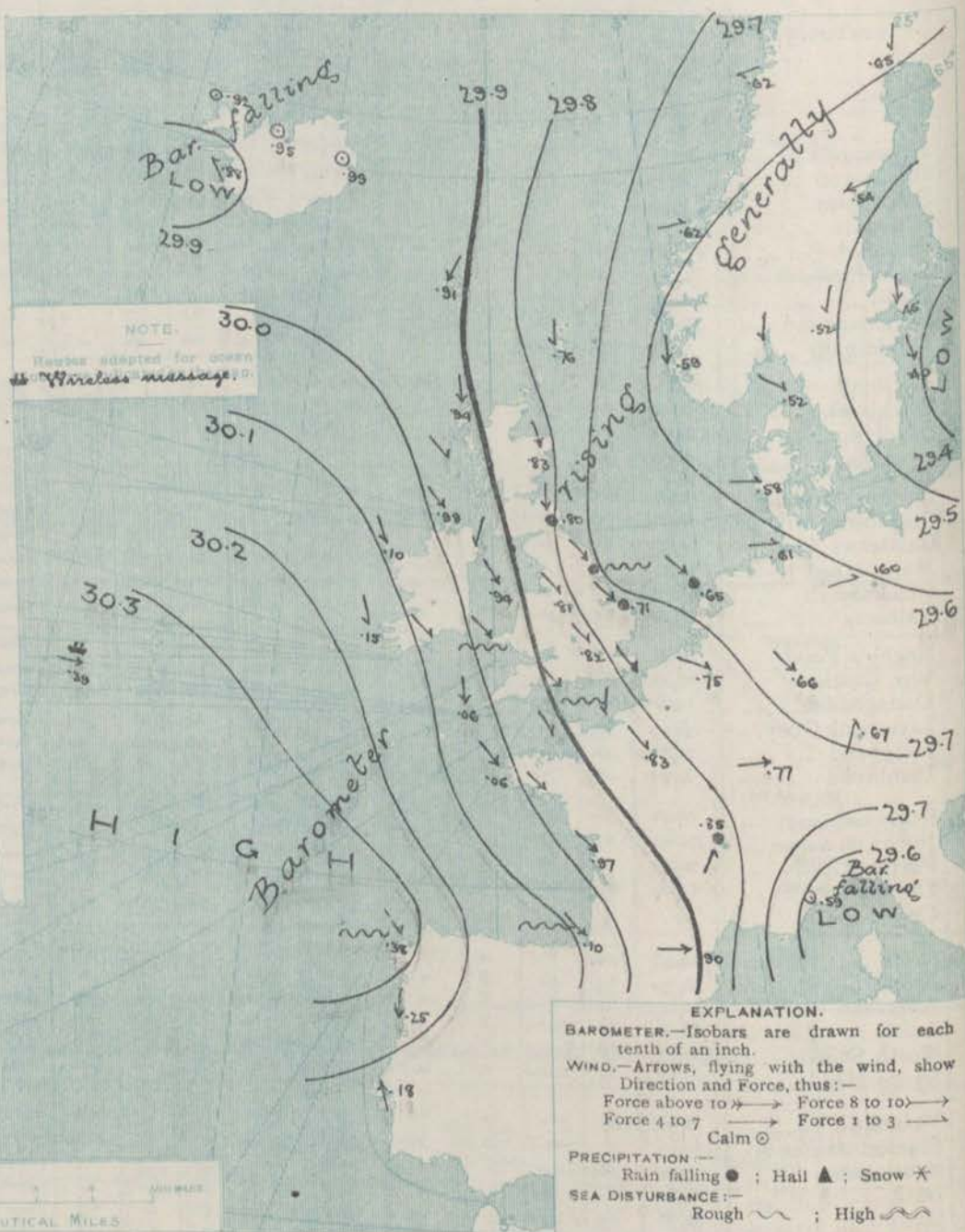
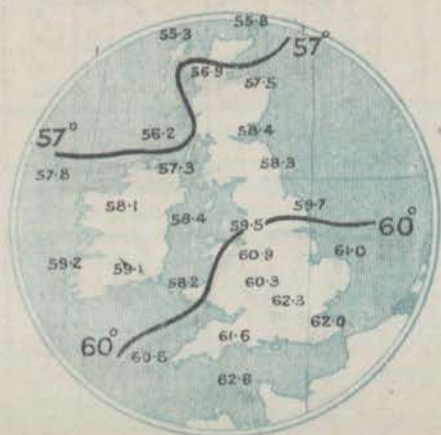


6 P.M. YESTERDAY.



AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF JULY.

(Derived chiefly from Observations extending over the 35 years—1871-1905.)



EXPLANATION.  
BAROMETER.—Isobars are drawn for each tenth of an inch.  
WIND.—Arrows, flying with the wind, show Direction and Force, thus:—  
Force above 10 ——— Force 8 to 10 ———  
Force 4 to 7 ——— Force 1 to 3 ———  
Calm ○  
PRECIPITATION ———  
Rain falling ● ; Hail ▲ ; Snow ★  
SEA DISTURBANCE:—  
Rough ~~~~~ ; High ~~~~~

NOTES ON THE GENERAL SITUATION AT 7 A.M.

A fresh fall of the barometer has commenced in Ireland, but over our area generally the mercury is rising. The readings range from above 30.3 ins. in the north-west of Spain and between that region and the Azores to below 29.9 ins. in the south-west of Iceland, less than 29.6 ins. over the Gulf of Genoa, and to less than 29.5 ins. over the southeast of Sweden. Some ill-defined secondary disturbances are lying over the North Sea region.

The main current of wind is North-easterly in Scandinavia, and northerly to north-westerly over these Islands and France. In a few localities a fresh breeze prevails, but as a whole there is little force. Temperature remains very low over this country and France, being below 55° in many places, only 51° at some of our eastern and northern stations, and no higher than 48° at Lyons. It is above 60° over most of Scandinavia, and 71° at Rode. The sky is partially clear in places, but over these Islands generally it is overcast, with rain along the east coast. In Norway and Sweden the weather is fine and bright, very cloudy to overcast in France and Germany.

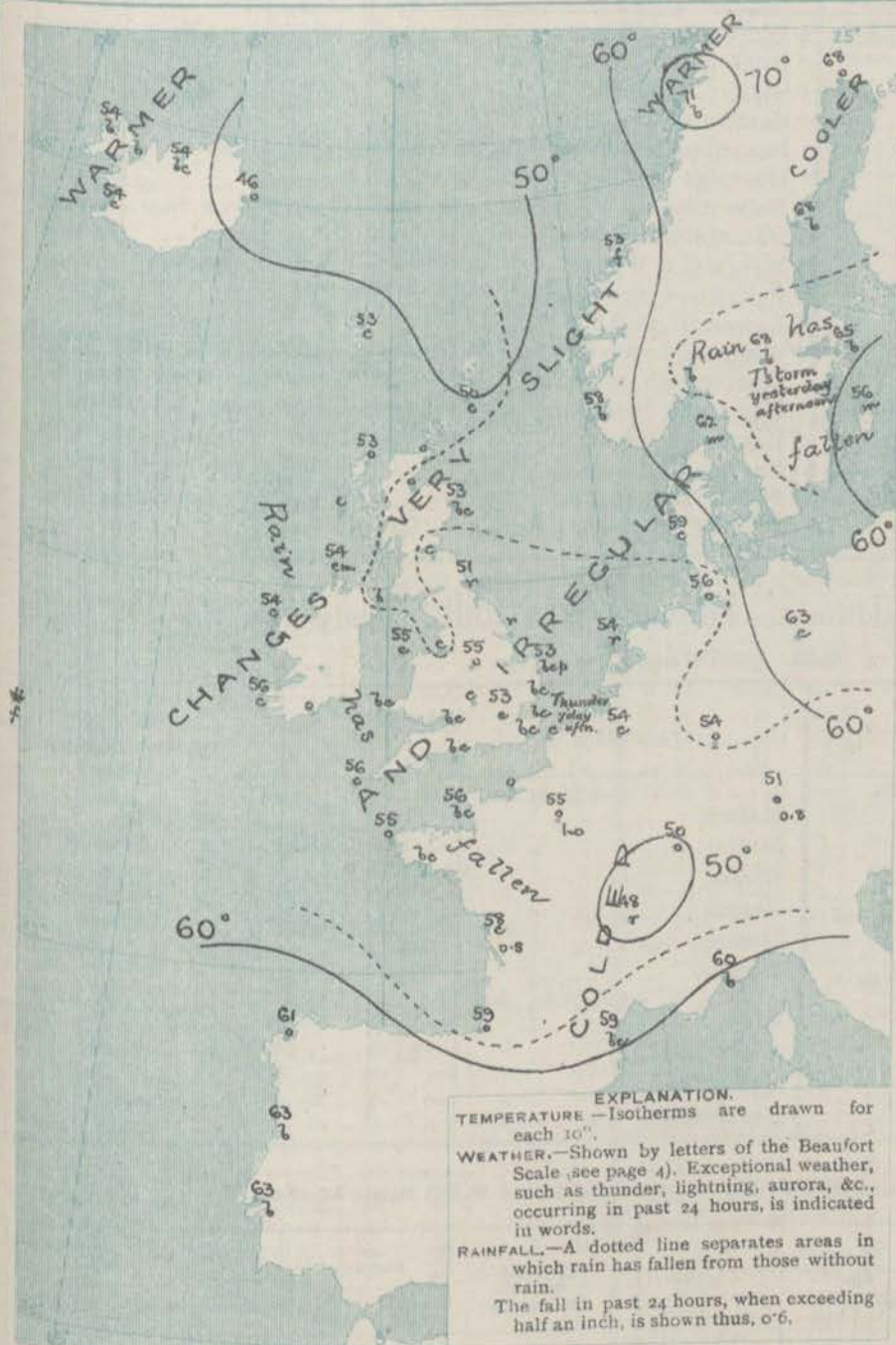


11<sup>th</sup> July, 1909.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.



## NOTES ON YESTERDAYS WEATHER

The maximum temperature readings of yesterday were below 65° at nearly all our own stations, and also in several parts of France, but a little above 80° in northern Sweden. Steady rain or passing showers prevailed in nearly all localities in this country and the adjacent regions of the Continent, the largest measurements being 0.8 inch at Munich and 1.0 inch at Paris. A thunderstorm occurred at Karlsbad and thunder only at Dungeness. Several hours of bright sunshine were recorded at places in the north-west and south-west of these Islands, very little in the south-east. Wireless reports from the Atlantic show that steamers experienced light to fresh or strong northerly to north-westerly winds and fair to cloudy weather as far west as the 25th meridian.


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


### FORECAST DISTRICTS.


Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—


Signals hoisted yesterday.

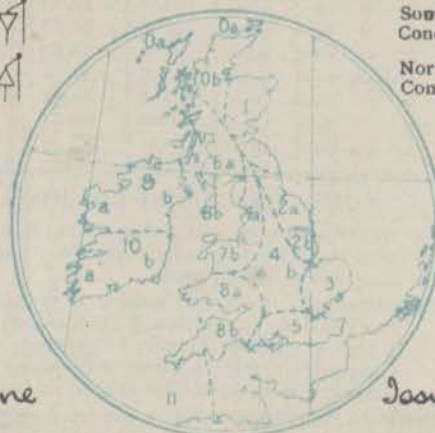
Signals hoisted  
this morning.

South Cone. 

North Cone. 

South Cone. 

North Cone. 



Zone

Issued



## DAILY WEATHER REPORT.

Sunday 11th July 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	64	47	*	9.2	0.57	† Worthing, to 6 p.m. ...	64	54	r.o.c. br. o	2.9	0.40
Oban, to 6 p.m. ...	61	51	o. br. b	5.7	0.09	† Brighton, to 6 p.m. ...			*		
Dublin (City), to 4 p.m. ...	61	52	eq. ph. br. c	*	0.41	† Seaford, to 6 p.m. ...	64	52	br. o	3.5	0.72
Rossall Beach, to 6 p.m. ...	60	53	c	*	0.10	† Eastbourne, to 6 p.m. ...				2.5	
Blackpool, to 9 p.m. ...	60	53	br c	13.2	-	Bexhill-on-Sea, to 9 p.m. ...	66	55	br. c	3.6	0.33
Southport, to 9 p.m. ...						† Hastings ...				3.6	
† Rhyl, to 6 p.m. ...	60	53	r. o. c	8.8	0.25	† Folkestone, to 6 p.m. ...	62	54	or. o. br. o	2.1	0.12
† Colwyn Bay, to 6 p.m. ...	60	52	c. o	10.0	0.30	† Ramsgate, to 6 p.m. ...	*	*	*	2.9	0.12
Llandudno, to 9 p.m. ...	61	51	or. br	11.0	-	† Margate, to 6 p.m. ...	61	52	eq. br. o	4.4	0.04
Bettws-y-Coed, to 6 p.m. ...					*	† Felixstowe, to 6 p.m. ...	61	54	*	2.5	0.36
Towyn, to 6 p.m. ...	61	52	r. c. br. br	7.5	0.77	† Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	57	52	*	5.5	0.17	† Skegness, to 6 p.m. ...	59	53	r. c. br. c	6.6	0.54
Plymouth, to 9 p.m. ...	61	51	br	12.4	0.02	Scarborough, to 9 p.m. ...	66	52	c. br	2.2	0.40
Torquay, to 6 p.m. ...	64	54	*	9.4	-	† Harrogate, to 6 p.m. ...	60	51	op. br. op	4.5	0.49
† Weymouth, to 6 p.m. ...	65	54		7.8	0.42	† Buxton, to 6 p.m. ...	57	50	r. or. br. c	6.4	0.31
† Bournemouth, to 6 p.m. ...	66	53	br. br. c. o	8.1	0.26	Darwen, to 9 p.m. ...	62	49	o. br. rh. cu	8.0	0.44
Southsea, to 6 p.m. ...			*			Manchester, to 9 p.m. ...	61	54	c. or. br. br	5.4	0.23
						Birmingham, to 9 p.m. ...	63	52	c	10.0	0.28

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 10th July 1909.	64	54	br. r	Ins. 0.04	Naples ... 10th July 1909.	74	62	br. o	Ins. -
Aix-la-Chapelle ...					Malta ...	76	69	br	-
Copenhagen ...	72	59	br. m	-	Berne ...	*	*	r. c	0.91
Oxö (Christiansand) ...					Zurich ...	*	*	r. br	0.71
St. Petersburg ...	64	48	r. o	0.35	Geneva ...	*	*	r. br	0.12
Vienna ...	64	55	br. o	-	Lugano ...	*	*	br. br	-
Buda-Pesth ...	73	55	r. br	0.12					
Hermanstadt ...					Coire ... 9th July 1909.	1.30 p.m.	1.30 p.m.		Measured 7.80 a.m. 0.08
Trieste ...	73	57	r. o	0.20	Castasegna ...	52	*	r	-
Florence ...	77	55	br. br	-	Davos ...	64	*	o	-
Rome ...	79	57	br. br	-	St. Gothard ...	43	*	r	0.03
						32	*	s	0.16

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
July 9. 4am	47N	23W	30.56	NW	1-3	-	-	-	-	-	July 10. 4am	50N	16W	30.41	NW	4-5	-
" 7am	47N	27W	30.51	WSW	1-3	m	-	-	-	-	" 7am	50N	15W	30.39	NNW	6-7	-
" 3pm	48N	23W	30.46	WNW	4-5	-	-	-	-	-	" 3pm	51N	10W	30.35	NNW	6-7	-
" 6pm	48N	22W	30.41	WNW	4-5	m	-	-	-	-	" 6pm	51N	10W	30.29	NNW	6-7	-
July 10. 4am	48N	18W	30.38	NNW	4-5	-	-	-	-	-	July 10. 10am	55N	9W	29.89	NW	4-5	-
" 7am	49N	17W	30.37	NNW	4-5	o	-	-	-	-	" 11am	55N	10W	29.95	NW	6-7	-
July 10. 4am	51N	14W	30.07	NNW	6-7	-	-	-	-	-	" 3pm	55N	11W	30.02	NW	6-7	-
" 7am	51N	13W	30.05	NNW	6-7	c	-	-	-	-	" 6pm	55N	13W	30.04	NW	4-5	-
July 8. 4am	45N	35W	30.52	SSW	1-3	-	-	-	-	-	Adriatic July 9. 3pm	50N	20W	30.26	NW	1-3	-
" 7am	46N	34W	30.51	SSW	1-3	m	-	-	-	-	" 6pm	50N	21W	30.35	NW	1-3	-
" 3pm	47N	31W	30.53	WSW	1-3	-	-	-	-	-	July 10. 4am	50N	12W	30.07	NW	6-7	-
Celtic July 9. 4am	47N	30W	30.57	SW	1-3	m	-	-	-	-	" 7am	50N	12W	30.15	NW	6-7	-
" 7am	48N	26W	30.56	WSW	4-5	-	-	-	-	-	" 3pm	50N	14W	30.29	NNW	6-7	-
" 3pm	48N	25W	30.51	WSW	4-5	o	-	-	-	-	" 6pm	50N	15W	30.33	NNW	6-7	-
" 6pm	49N	20W	30.48	NW	4-5	br	-	-	-	-							

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- \* Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Chart.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
63, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)

SCANDINAVIA.

ICELAND &amp; FAEROE.

BRITISH ISLANDS.

GERMANY, &amp;c.

FRANCE.

SPANISH PENIN.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

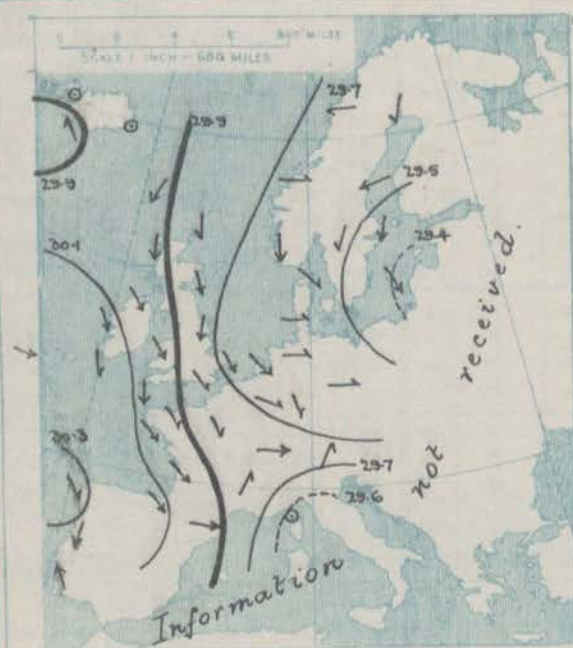
Monday  
12th July 1909.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometre.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun. shine.	Rainfall.		
At 82° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	Force (0 to 12).	At 82° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Max.	Min.	Hours.	Ins.							
SCANDINAVIA.	Haparanda...	29.55	72	2	0	C	29.59	-0.06	67	60	-1	E	2	0	84	57	*	*	*		
	Hernösand...	29.60	66	2	0	bc	29.55	+0.01	67	60	-1	N	2	0	72	55	*	*	*		
	Stockholm...	29.53	64	N	2	C	29.54	+0.09	67	59	+2	NW	4	0	72	61	*	*	*		
	Wisby...	29.52	59	2	0	0	29.55	+0.15	58	57	+2	2	0	63	52	*	*	0.20			
	Karlstad...	29.60	64	2	0	bc	29.62	+0.10	65	60	-2	2	0	63	52	*	*	0.12			
	Färder (X'lania Fjord)	29.56	67	SE	1	bc	29.61	+0.09	66	62	+1	NNE	1	0	73	63	*	*	0.04		
	Bodö...	29.62	68	2	0	r	29.66	+0.04	55	50	-16	WSW	4	0	77	52	*	*	*		
	Christiansund...	29.70	52	W	1	f	29.81	+0.19	51	50	-2	2	0	55	50	*	*	0.24			
	Skudesnaes...	29.67	56	NNW	8	f	29.76	+0.17	52	51	-6	NW	6	0	61	52	b.f	*	*		
	ICELAND & FAEROE.	Isafjord...	29.79	59	NNE	3	C	29.63	-0.24	46	*	-8	ESE	4	0	*	*	*	*	*	
Reykjavik...		29.74	50	SE	6	0	29.57	-0.31	49	*	-5	SW	1	0	*	*	*	*	*		
Seydisfjord...		29.97	60	ENE	4	C	29.68	-0.31	48	*	+2	2	0	*	*	*	*	*			
Thorshavn...		30.01	55	ESE	2	C	29.86	-0.05	49	*	-4	SSW	4	0	*	*	*	*	*		
BRITISH ISLANDS.	Sumburgh Head	29.91	51	N	3	C	29.98	+0.22	49	48	-1	N	1	0	55	47	C	*	*		
	Stornoway...	30.07	55	NW	4	0	30.03	+0.09	53	51	0	SSW	3	0	58	46	0.09, 0.0	2.1	-		
	Castlebay (Barra Id.)	30.09	57	NW	4	6	30.07	+0.08	54	52	-2	SW	2	0	59	49	c, bc, 0	14.0	-		
	Malin Head...	30.07	56	NW	4	bc	30.09	+0.11	53	52	-1	SW	2	0	57	52	bc, bc, m	*	-		
	Blacksod Pt. ...	30.15	58	NNW	2	6	30.13	+0.03	56	54	+2	SW	2	m	60	50	bc, cm	*	-		
	Valencia...	30.20	57	NNW	3	C	30.21	+0.06	56	54	0	2	0	60	53	bc, 0, c	7.3	0.01			
	Roche's Point...	30.12	62	N	3	bc	30.21	+0.10	53	51	-1	N	1	0	63	49	og, c, bc, b	*	-		
	Birr Castle...	30.09	62	NNW	4	6	30.19	+0.13	54	52	-1	WNW	1	0	63	41	b, c	7.0	-		
	Donaghadee...	30.04	58	NNW	4	6	30.13	+0.18	53	51	-2	NNE	2	0	60	46	bc	*	-		
	Liverpool Obsy...	29.95	57	WNW	5	C	30.09	+0.22	57	53	+3	N	1	0	61	51	bc, c	2.7	-		
GERMANY, & C.	Holyhead...	30.00	56	NW	5	bc	30.12	+0.18	53	51	-2	NW	4	0	58	51	c, bc	*	-		
	Pembroke (St. Ann's Hd.)	30.03	56	NW	4	C	30.14	+0.17	54	52	0	NNW	3	0	60	48	bcq, bc, c, q	5.7	-		
	Scilly (St. Mary's) ...	30.09	59	NNW	5	C	30.16	+0.10	57	54	+1	NNW	2	0	60	55	C	10.3	-		
	Jersey (St. Aubins) ...	29.97	58	WNW	4	0	30.10	+0.15	57	54	+1	NW	3	0	63	52	c, bc, og, p, q, m	7.8	0.01		
	Portland Bill...	29.91	61	WNW	5	C	30.06	+0.19	57	54	+1	NNW	1	0	62	58	C	7.2	0.02		
	Dungeness...	29.86	57	NW	4	bc	29.95	+0.16	53	52	0	NW	4	0	62	52	cp, c, ce, od	4.8	0.01		
	Dover...	*	*	*	*	*	29.97	+0.15	52	52	-3	NNW	3	0	63	55	bc, c, or	6.4	0.09		
	Wick...	29.98	52	N	3	C	30.03	+0.18	53	50	+2	NW	1	0	57	41	-	*	-		
	Nairn...	30.01	55	NW	1	C	30.04	+0.16	52	48	0	W	1	0	59	47	-	0.5	-		
	Aberdeen...	29.97	55	NNW	4	C	30.05	+0.22	54	50	+1	NNW	2	0	58	46	c, 0, c, bc	4.8	-		
FRANCE.	Leith...	29.95	59	NW	2	C	30.05	+0.20	54	49	-1	NW	2	0	61	48	bc, c, b	*	-		
	North Shields...	29.94	54	N	4	C	30.05	+0.25	53	49	+2	N	3	0	56	47	C	1.0	-		
	Spurn Head...	29.93	53	NW	6	op	30.00	+0.30	51	50	0	NNW	5	0	58	50	or, op	*	0.45		
	Yarmouth...	29.76	51	WNW	6	or	29.91	+0.20	52	51	-1	N	5	0	55	50	0, r	1.0	0.26		
	Clacton-on-Sea...	29.83	53	WNW	5	0	29.95	+0.17	52	51	-3	NW	3	0	59	51	bc, c, bc, c, q	5.9	0.01		
	Nottingham...	29.91	54	NNW	2	0	30.05	+0.24	52	50	-3	N	4	0	56	51	or, 0	0.0	0.15		
	Bath...	29.94	60	NW	1	bc	30.11	+0.20	56	52	0	NW	1	0	63	49	-	5.5	-		
	Oxford...	29.97	51	W	2	0	30.08	+0.21	54	50	-1	N	4	0	60	51	0, or, 0	*	0.14		
	London (St. James's Pk)	29.89	54	NW	1	op	30.01	+0.19	53	50	0	NNW	3	0	61	52	c, cp, op	0.9	0.07		
	SPANISH PENIN.	The Scaw (Skagen)	29.60	64	NW	1	6	29.61	+0.09	62	60	0	SSW	1	0	68	57	*	*	*	
Fanö...		29.72	55	NW	2	6	29.73	+0.15	56	55	-3	NW	4	0	64	55	*	*	*		
Cuxhaven†...		29.68	61	NW	1	C	29.76	-0.15	59	85	+3	NW	3	0	63	55	*	*	*		
The Helder...		29.68	55	NW	1	0	29.84	+0.19	57	54	+3	NNE	3	0	57	54	*	*	*		
Brussels...		*	*	*	*	*	29.86	+0.11	54	54	0	WNW	1	0	64	50	*	*	0.16		
Berlin†...		29.63	63	WNW	2	C	29.69	+0.09	60	71	-3	NW	4	0	68	57	*	*	*		
Frankfurt†...		29.75	58	NW	1	0	29.84	+0.18	55	75	+1	SW	5	0	61	52	*	*	*		
Munich†...		29.71	51	W	1	r	29.79	+0.12	48	100	-3	W	5	0	57	46	*	*	1.38		
SPANISH PENIN.		C. Gris Nez...	29.81	55	NW	3	C	29.95	+0.15	53	52	-2	NNW	4	0	64	52	*	*	*	
		La Hève...	29.93	55	N	3	r	30.04	+0.11	55	50	+1	NNW	5	0	57	48	*	*	0.08	
	Brest...	30.09	58	NW	3	6	30.17	+0.11	56	54	+1	NNW	3	0	61	54	*	*	*		
	Lorient...	?	57	NW	4	C	?	?	54	53	-1	NNW	3	0	61	52	*	*	*		
	Rochefort...	29.99	62	NW	5	6	30.09	+0.12	57	55	-1	NNE	3	0	63	55	6	*	*		
	Biarritz...	30.13	60	WNW	7	0	30.14	+0.04	59	56	0	NNW	4	0	61	55	*	*	0.59		
	Paris...	29.86	59	NW	3	C	30.00	+0.17	53	51	-2	WSW	2	0	66	47	*	*	0.20		
SPANISH PENIN.	Belfort...	29.81	55	W	4	0	29.98	+0.21	53	50	+3	W	5	m	63	48	*	*	*		
	Lyons...	29.86	53	NW	3	0	30.03	+0.18	51	49	+3	NW	2	0	61	46	*	*	0.39		
	Nice...	29.61	59	NE	3	0	29.79	+0.20	62	55	+2	NE	2	0	77	52	*	*	*		
	Perpignan...	29.97	63	NW	6	C	30.03	+0.23	62	53	+3	W	4	0	69	55	*	*	*		
	Sanguinaire...	29.73	64	NW	6	0	29.72		62	56		NW	7	0	*	*	*	*	*		
SPANISH PENIN.	Corunna...																				
	Lisbon...	30.14	61	N	6	6	30.12	-0.06	65	59	+2	NNE	5	0	72	59	*	*	*		
	Azores (P. Delgada)...	30.43	66	E	4	C	30.40	-0.03	67	60	-1	ENE	1	0	70	63	*	*	*		
SPANISH PENIN.	" Horta...	30.44	69	2	0	0	30.41	-0.06	68	61	-1	NE	4	0	75	68	*	*	*		

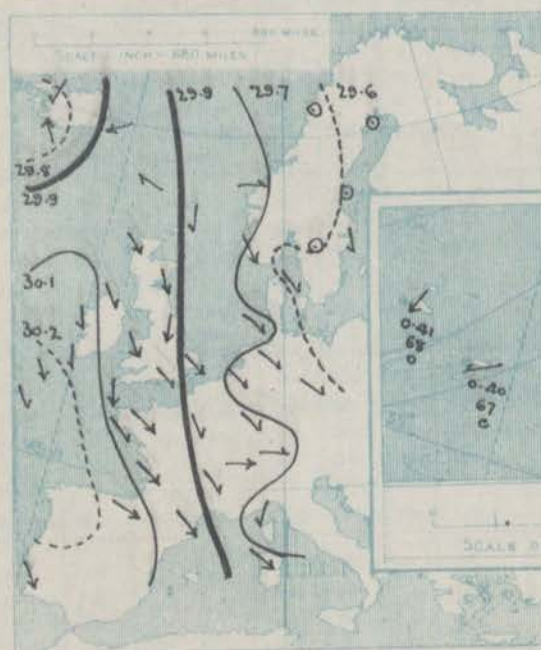


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

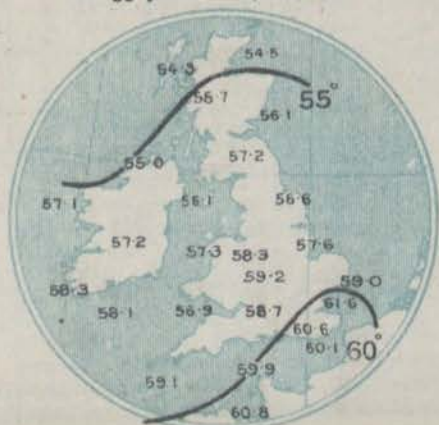
7 A.M. YESTERDAY



6 P.M. YESTERDAY



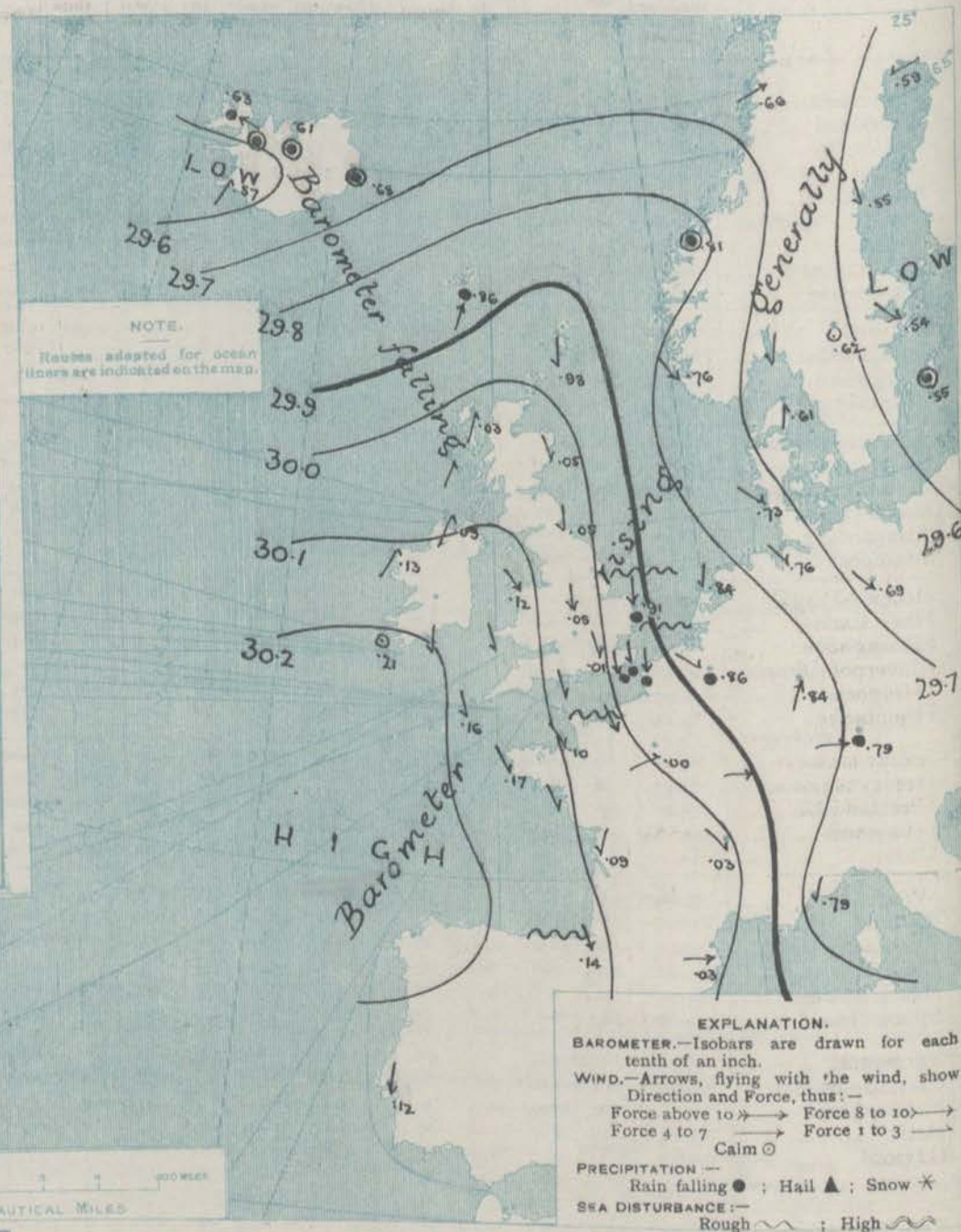
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE TWO MONTHLY PERIOD  
JUNE - JULY  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Monday,

WEATHER 12<sup>th</sup> July.

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

An area of high pressure covers the ocean beyond our south-western coasts, the barometer being above 30.4 ins. at the Azores. The recent disturbance is passing away to Russia, and the barometer is now above 29.5 ins. on the Swedish coast. A new depression has appeared over Iceland, and the barometer has fallen to 29.6 ins. The gradient is everywhere moderate to slight.

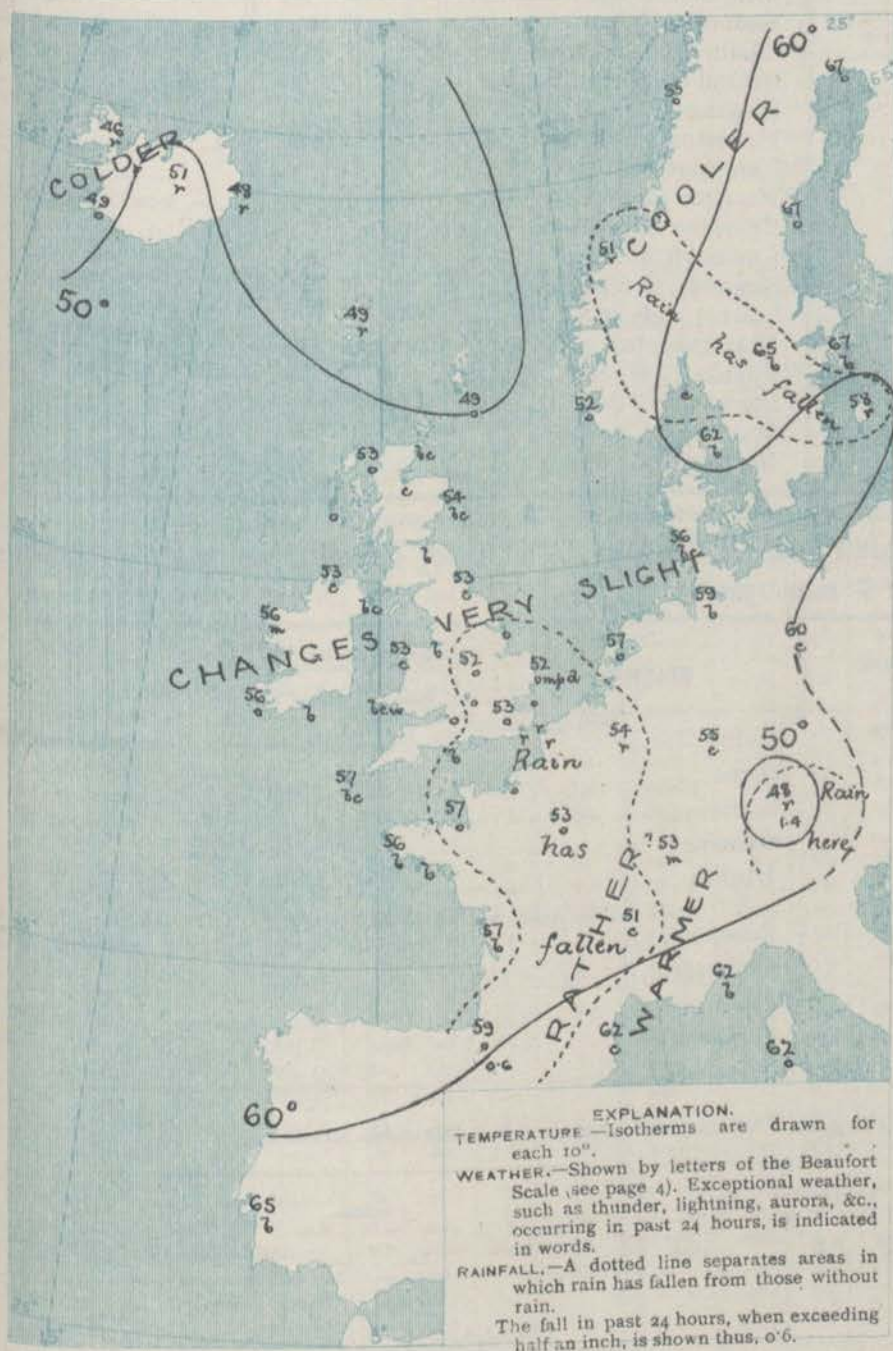
Northerly to North-westerly breezes prevail over the greater part of the region under observation, but along our north-western coasts and in the Faeröe a South-westerly current is reported. A strong breeze is reported at Skudesnaes, and a fresh breeze on the east coast of England and in south-western Germany. In Corsica a high North-westerly wind is blowing. Temperature continues very low over the greater part of our area. At the home stations the values range from 49° in Shetland to 57° at several places in the south-west; over western Europe from 48° at Munich to 62° on the Mediterranean; in Scandinavia from 67° on the Swedish coast to 51° at Christiansund; in Iceland from 46° to 51°. In a few isolated situations at home and on the Continent the weather is fine, but generally it is very cloudy to dull; rain is falling on both sides of the Straits of Dover, at Munich, on the Baltic, and from Iceland across to the Norwegian coast. A thick mist is reported on the coast of Mayo. A very high sea is running on the coast of Corsica, a rough sea off Yarmouth, and it is rather rough at the mouth of the Humber, the Seine, and off Biarritz.



# CHARTS

12<sup>th</sup> July, 1909.

## 2 TEMPERATURE AND WEATHER AT 7 A.M. TO DAY



### NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 69° at Plymouth, and 65° between Bournemouth and Torquay, and at Oban, but in many localities the maxima were below 60°, only 52° at Skegness. Showers were experienced generally over southern and eastern England. The duration of bright sunshine varied greatly, none or less than an hour in several neighbourhoods, 11 hours at Torquay, 12 hours at Oban, and 14 hours at Castlebay. Windless reports from the Atlantic show that steamers experienced light to moderate North-Westerly to Westerly winds, and misty to foggy weather as far west as the 20th Meridian.

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

The depression in the Iceland region will probably pass beyond the Arctic Circle, and only slightly affect our north-western and northern districts. Elsewhere no important change is indicated.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 } Slight variable breezes between N.W. and S.W.; changeable, fine to dull, some showers; cold.
- 1 }
- 2 }
- 3 } N.W. and N.E. breezes, fresh at times locally; cloudy to dull, showers in places; continuing cold.
- 4 }
- 5 }
- 6 } Same as Nos 0 and 1.
- 7 } Slight variable N.W. to S.W. breezes; changeable, fine to dull, some showers locally; cold.
- 8 } Slight N.W. and N.E. breezes; fine or fine to dull, passing showers locally; cold.
- 9 }
- 10 } Calm and light variable breezes; changeable, fine to dull, local passing showers, coast mist or fog in places; cold.

### 11 WESTERN CHANNEL AND BAY

Light to moderate N.W. and N.E. breezes; sea slight or smooth; changeable, fine to dull; local mist or fog; cold.

### FORECAST DISTRICTS.

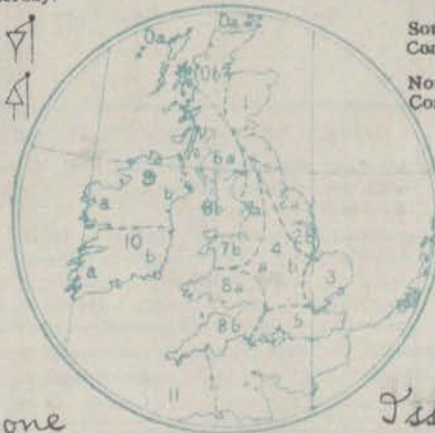
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South  
Coast.  
North  
Coast.

South  
Coast.  
North  
Coast.



None

Issued



## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	65	53	bc. b	7.5	-	+ Worthing, to 6 p.m. ...	64	48	c. cp. o	5.1	0.02
+ Oban, to 6 p.m. ...	65	53	bc. b	12.0	-	+ Brighton, to 6 p.m. ...	64	47	"	3.4	0.11
Dublin (City), to 4 p.m. ...	63	51	cp. bc	"	0.01	Seaford, to 6 p.m. ...	62	49	"	3.0	0.06
Rossall Beach, to 6 p.m. ...	62	53	c	"	-	+ Eastbourne, to 6 p.m. ...	64	55	"	2.3	0.05
Blackpool, to 9 p.m. ...	62	53	o. c	1.5	-	Bexhill-on-Sea, to 9 p.m. ...	63	?	p. c	2.2	0.18
Southport, to 9 p.m. ...	60	52	o. bc	1.6	-	+ Hastings ...	"	"	"	2.0	"
+ Rhyi, to 6 p.m. ...	59	53	bc. o	5.8	-	+ Folkestone, to 6 p.m. ...	60	50	bc. r. o. a. bc	5.6	0.02
+ Colwyn Bay, to 6 p.m. ...	61	52	bc. o	5.0	-	+ Ramsgate, to 6 p.m. ...	"	"	"	7.5	0.12
Llandudno, to 9 p.m. ...	61	52	bc	6.2	-	+ Margate, to 6 p.m. ...	60	52	o. b. o	4.4	0.04
Bettws-y-Coed, to 6 p.m. ...	"	"	"	"	"	+ Felixstowe, to 6 p.m. ...	"	"	"	"	"
Towyn, to 6 p.m. ...	"	"	"	"	"	+ Lowestoft, to 6 p.m. ...	55	47	bc. op	0.7	0.13
+ Aberystwyth, to 6 p.m. ...	59	52	"	5.2	-	+ Skegness, to 6 p.m. ...	52	50	"	0.0	0.19
Plymouth, to 9 p.m. ...	69	54	o. bc. cp	4.4	-	Scarborough, to 6 p.m. ...	59	49	"	0.3	0.55
Torquay, to 6 p.m. ...	68	50	"	11.0	0.02	Harrogate, to 6 p.m. ...	53	48	or. o	0.0	0.17
+ Weymouth, to 6 p.m. ...	65	50	b. bc	7.2	-	+ Buxton, to 6 p.m. ...	55	48	cp. o. c	0.2	0.02
+ Bournemouth, to 6 p.m. ...	65	49	"	5.0	0.05	Darwen, to 9 p.m. ...	"	"	"	"	"
Southsea, to 6 p.m. ...	62	50	"	4.1	0.05	Manchester, to 9 p.m. ...	59	55	o. bc. o. o	0.3	"
						Birmingham, to 9 p.m. ...	59	50	r. o	0.0	0.02

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
11th July, 1909.					11th July 1909				
Flushing ... ..	Observations not received			Ins.	Malta ... ..	Observations not received.			Ins.
Copenhagen ... ..					Berne ... ..				
Vardö (North Cape) ... ..					Zurich ... ..				
St. Petersburg ... ..					Geneva ... ..				
Vienna ... ..					Lugano ... ..				
Buda-Pesth ... ..									
Hermanstadt ... ..					10th July, 1909.				
Trieste ... ..					Coire ... ..	1.30 p.m.		1.30 p.m.	M. - aured 7.30 a.m. 0.47
Florence ... ..					Castasegna ... ..	70	+	6	-
Rome ... ..					Davos ... ..	70	+	6	0.55
Naples ... ..					St. Gothard ... ..	63	+	6	0.43
						50	+	6	

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
Adriatic { 10th July 4am	49 N	26 W	30.55	NW	1-2	"	"	"	"	"	Compania { 11th July 3pm	51 N	11 W	30.24	NNW	4-5	"
" " 7am	49 N	26 W	30.59	NW	1-2	b	"	"	"	"	" " 6pm	51 N	12 W	30.27	NW	4-5	"
Minnesota { 10th July 3pm	49 N	14 W	30.34	NNW	6-7	"	"	"	"	"	St. Louis { 11th July 3pm	49 N	11 W	30.14	NW	4-5	"
" " 6pm	49 N	15 W	30.30	N	6-7	b	"	"	"	"	" " 6pm	49 N	12 W	30.24	NW	1-3	"
Lake Michigan { 11th July 4am	50 N	17 W	30.39	W	4-5	"	"	"	"	"							
" " 7am	50 N	18 W	30.39	W	4-5	f	"	"	"	"							
Arctic { 11th July 3pm	50 N	10 W	30.03	NNW	4-5	"	"	"	"	"							
" " 6pm	51 N	12 W	30.04	NNW	4-5	o	"	"	"	"							

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
63, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday  
13th July 1909.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9).	TEMP.		Weather.	Sun. shine.	Rainfall.		
		At 8 <sup>1</sup> / <sub>2</sub> Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Direc.	Force (0 to 12).		Weather.	At 8 <sup>1</sup> / <sub>2</sub> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.		Force (0 to 12).	Weather.				Max.	Min.
Ins.		°				Ins.	Ins.	°	°	°				°	°		Hours.	Ins.			
SCANDINAVIA.	Haparanda...																				
	Hernösand...																				
	Stockholm...																				
	Wisby...																				
	Karlstad...																				
ICELAND & FAEROE.	Færder (X'ania Fjord)	29.61	67	NNW	2	bc	29.67	+0.06	64	58	-2	NNE	3	6	1	73	63				
	Bodö...	29.58	50	WSW	4	c	29.78	+1.12	52	50	-3	W	2	0	1	75.5	46				
	Christiansund...	29.86	51	W	0	f	29.79	-0.02	51	49	0	W	0	0	1	52	50		0.08		
	Skudesnaes...	29.80	51	NNW	8	c	29.84	+0.08	53	51	+1	NNW	4	6	2	55	48	f.c			
	Isafjord...	29.56	49	E	4	o	29.64	+0.01	48	*	-3	E	6	r	*	*	*		*		
BRITISH ISLANDS.	Reykjavik...	29.52	53	W	3	c	29.50	-0.07	48	*	-1	E	1	r	*	*	*		*		
	Seydisfjord...	29.52	49	E	5	r	29.51	-0.17	48	*	0	W	2	o	*	*	*		*		
	Thorshavn...	29.67	53	W	5	o	29.70	-0.16	50	*	+1	W	5	c	*	*	*		*		
	Sumburgh Head	29.40	51	WSW	1	o	29.78	-0.20	51	50	+2	NW	3	6	2	55	48	o	0.05		
	Stornoway...	29.89	57	SSW	5	o	29.89	-0.14	55	51	+2	W	3	0	3	63	52	o, c, bc, og, p	2.3		
	Castlebay (Barra Id.)	29.46	56	WSW	4	bc	29.93	-0.14	54	51	0	WNW	2	0	2	57	52	om, om, p, o	0.0		
	Malin Head	30.00	58	SW	3	omp	29.94	-0.15	54	54	+1	NW	4	fd	3	61	53	om, p, om, f	*		
	Blacksod Pt.	30.05	59	SW	5	o	30.07	-0.06	55	54	-1	W	2	0	2	60	51	om, om, om	*		
	Valencia	30.16	59	SW	2	m	30.10	-0.11	57	57	+1	WNW	3	omd	3	63	55	om, om	0.5		
	Roche's Point	30.15	57	SW	3	o	30.10	-0.11	59	58	+6	W	2	0	2	62	52	o, o, c, o	*		
	Birr Castle	30.10	64	SW	2	o	30.05	-0.14	60	58	+6	SW	4	og	*	67	54	o	2.5		
	Donaghadee	30.06	59	ENE	1	o	29.98	-0.15	59	58	+6	SSW	2	0	1	64	52	o, bc, o	*		
	Liverpool Obsy...	30.09	59	W	3	bc	30.05	-0.04	57	57	0	SSW	2	r	2	60	54	bc, bc	11.5		
	Holyhead	30.11	56	SW	3	cm	30.04	-0.08	56	55	+3	SW	3	0	2	63	51	c, cm	*		
	Pembroke	30.15	56	WSW	2	bc	30.10	-0.04	56	56	+2	SW	1	fn	3	58	53	bcw, bc	11.6		
	Scilly (St. Mary's)	30.19	60	WNW	3	bc	30.16	-0.00	58	56	+1	WSW	3	f	1	62	57	bc	13.0		
	Jersey (St. Aubins)	30.16	60	W	4	bc	30.18	+0.08	58	54	+1	W	4	bc	3	65	51	c, bc, om, og	11.1		
	Portland Bill	30.09	60	W	4	bc	30.12	+0.06	57	55	0	WSW	4	c	3	63	54	c, bc	10.3		
	Dungeness	30.07	57	NNW	3	o	30.09	+0.14	59	56	+6	W	3	bc	2	57	51	c	0.0		
	Dover	*	*	*	*	*	30.10	+0.13	60	57	+8	W	0	m	0	60	51	o, c, o	0.0		
GERMANY, & C.	Wick	29.89	57	SW	1	bc	29.87	-0.16	55	51	+2	NNW	1	bc	1	63	50		*		
	Nairn	29.91	65	W	2	c	29.87	-0.17	58	56	+6	W	0	o	1	69	52	c, bc, c, o	5.4		
	Aberdeen	29.94	60	SSW	2	c	29.89	-0.16	62	58	+8	SSW	1	o	2	62	53	c, o, c, o	7.8		
	Leith	29.97	65	W	1	c	29.92	-0.13	60	58	+6	WSW	3	c	*	68	54	bc, bc	*		
	North Shields	29.99	57	SE	3	c	29.96	-0.09	60	57	+7	SW	2	o	3	62	50	c	8.0		
	Spurn Head	30.04	59	SE	2	bc	30.00	-0.00	57	54	+6	WSW	2	c	3	58	51	bc, cm	*		
	Yarmouth	30.04	54	N	3	bc	30.03	+0.12	53	51	+1	W	3	bc, m	3	56	49	wd, p, o, bc	1.1		
	Clacton-on-Sea	30.06	58	NW	1	bc	30.07	+0.12	55	53	+3	WNW	2	c	2	60	51	og, c, bc	2.3		
	Nottingham	30.05	63	WNW	4	c	30.05	-0.00	60	57	+8	W	3	c	*	66	48	o, bc, m, c	6.9		
	Bath	30.10	64	N	3	bc	30.12	+0.01	60	58	+4	NW	1	o	*	67	52		4.2		
FRANCE.	Oxford	30.08	61	NW	1	bc	30.10	+0.02	59	56	+5	WSW	2	c	*	67	50	c, bc, bc	*		
	London (St. James's Pk)	30.07	62	NW	1	bc	30.08	+0.07	55	52	+2	WSW	1	bc, w	*	63	52	o, bc, bc	2.2		
	The Scaw (Skagen)	29.62	62	WNW	1	bc	29.67	+0.06	60	58	-2	SSW	1	o	0	77	55	*	*		
	Fanö	29.80	53	NW	6	bc	29.84	+0.11	54	50	-2	NW	6	c	*	59	52	*	*		
	Cuxhaven†	29.84	58	NW	4	o	29.94	+0.18	54	79	-5	NW	4	o	*	61	54	*	*		
	The Helder	30.00	54	NNW	3	o	30.04	+0.20	57	54	0	W	2	c	2	59	52	*	*		
	Brussels	*	*	*	*	*	30.12	+0.26	53	52	-1	SW	1	c	*	60	49	*	0.04		
	Berlin†	29.74	64	W	3	o	29.89	+0.20	55	90	-5	W	5	o	*	64	54	*	0.08		
	Frankfurt†	29.96	58	SW	2	o	30.07	+0.23	57	83	+2	W	2	o	*	63	62	*	0.04		
	Munich†	30.00	52	SW	5	c	30.12	+0.33	54	73	+6	W	4	o	*	54	48	*	0.75		
SPANISH PENIN.	C. Gris Nez	30.09	55	N	3	o	30.09	+0.14	58	57	+5	SW	2	c	2	57	53	*	0.04		
	La Hève	30.13	55	NNW	3	o	30.17	+0.13	57	55	+2	W	4	o	3	57	52	*	*		
	Brest	30.24	60	NW	2	bc	30.23	+0.06	57	55	+1	SW	2	o	2	61	54	*	*		
	Lorient	30.15	62	NNW	3	bc	30.21	?	56	54	+2	W	0	bc	2	68	52	*	*		
	Rochefort	30.17	60	WNW	4	c	30.24	+0.15	62	60	+5	SSW	1	bc	*	66	55	bc, c	*		
	Biarritz	30.24	63	NW	4	bc	30.28	+0.14	61	56	+2	NNW	3	bc	2	64	59	*	0.04		
	Paris	30.09	56	NNW	3	o	30.17	+0.17	55	54	+2	SW	2	o	*	61	53	*	*		
	Belfort	30.08	54	W	4	o	30.20	+0.22	53	61	0	WSW	5	f	*	61	51	*	*		
	Lyons	30.04	58	NW	2	c	30.15	+0.12	56	52	+8	NW	1	c	*	65	52	*	*		
	Nice	29.89	62	W	0	c	30.04	+0.25	62	56	0	W	0	bc	1	73	52	*	*		
SPANISH PENIN.	Perpignan	30.08	71	W	3	bc	30.22	+0.19	64	56	+2	W	3	bc	*	71	58	*	*		
	Sanguinaire																				
	Corunna																				
SPANISH PENIN.	Lisbon	30.06	64	EN	6	bc	30.08	-0.04	71	57	+6	N	4	bc	*	75	61	*	*		
	Azores (P. Delgada)																				
	„ Horta	30.39	68	ESE	3	o	30.35	-0.06	68	63	0	W	0	o	1	72	64	*	*		



SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

7 A.M. YESTERDAY



6 P.M. YESTERDAY



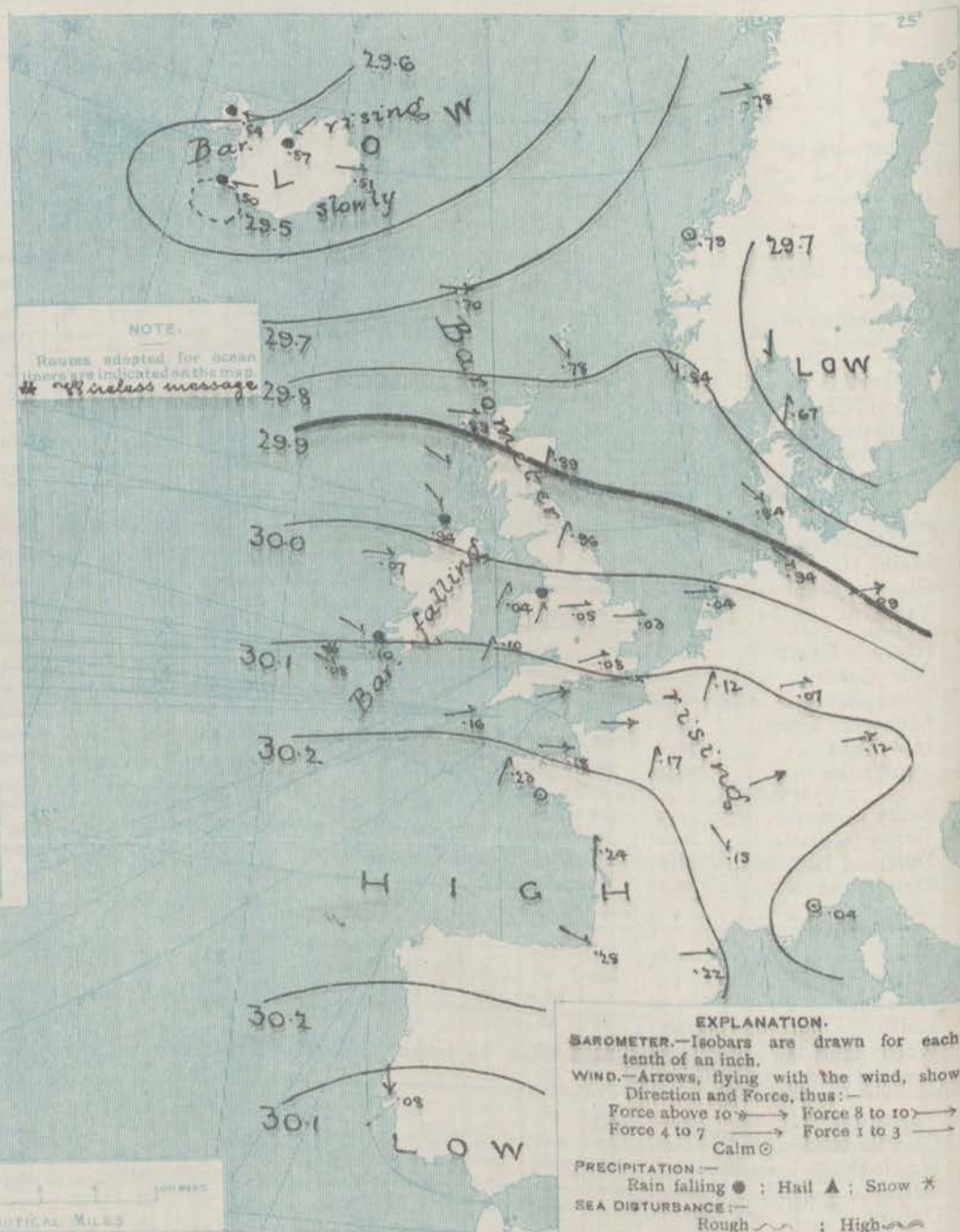
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF JULY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Tuesday,

WEATHER 13<sup>th</sup> July.

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

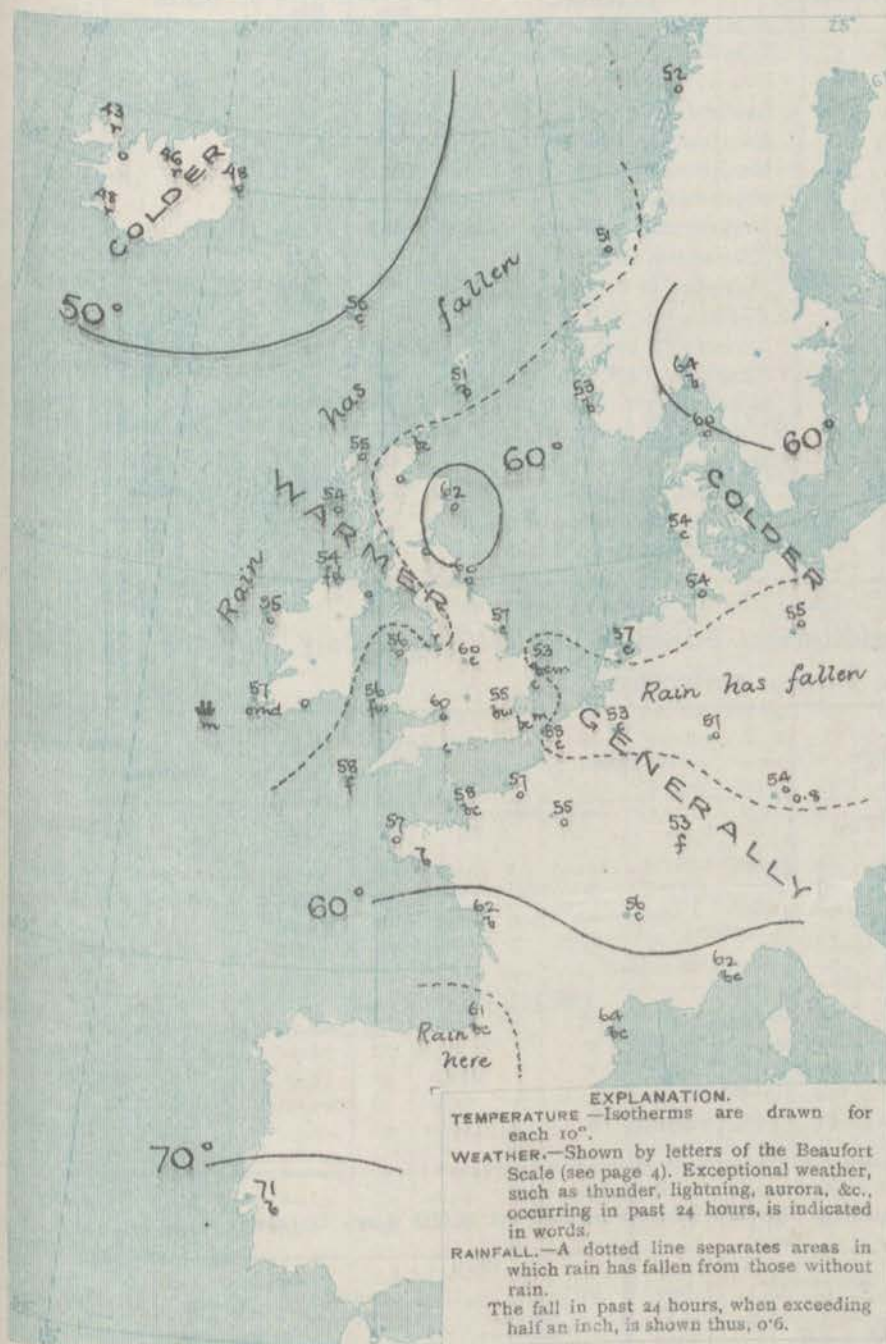
A high pressure system now extends from central Europe across the Bay of Biscay to mid Atlantic, with the barometer above 30.3 ins. in the Azores, and 30.6 ins. on the Bay. In a depression occupying the Icelandic region the barometer is at 29.5 ins. at Reykjavik. The gradient is everywhere slight. Easterly winds, light to a gale, are reported at most of the Iceland stations, but over the rest of the region under observation the direction is mainly between South-West and North-West, the force generally very light, but a fresh breeze is blowing at a few isolated stations. Temperature has risen over the British Isles and the western portion of the Continent. At the home stations the readings range from 51° in Shetland to 62° at Aberdeen; over Western Europe from 53° at Brussels and Belfort to 64° at Perpignan; in Scandinavia from 51° at Christiansund to 64° at Vaerder; and in Iceland from 43° to 48°. The weather all round varies from fine and clear to overcast and dull, rain is reported at a few of our west coast stations and in Iceland, and on various parts of our coast the atmosphere is misty or foggy. The sea is slight to very smooth on all coasts.



# CHARTS

13<sup>th</sup> July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M. TO DAY.



### NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 65° and upwards in many parts of the country, to 68° at Leith, and to 69° at Naïon. In Shetland and at Lowestoft, however, the maximum was only 55°. Slight rain has fallen at the northern and western stations. The duration of bright sunshine varied greatly, from none at all or only a few minutes in several instances to 14 hours at Blackpool, and 14.3 hours at Southport. Wireless reports from the Atlantic show that steamers experienced light to moderate westerly breezes and dull weather as far west as the 26th Meridian.

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

There are no indications of the approach of another disturbance, and during the ensuing twenty-four hours the westerly type of conditions is likely to prevail, with a general improvement in the weather and a further increase of temperature.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 { a }  
b
- 1 { a }  
b
- 2 { a }  
b
- 3 { a }  
b
- 4 { a }  
b
- 5 { a }  
b
- 6 { a }  
b
- 7 { a }  
b
- 8 { a }  
b
- 9 { a }  
b
- 10 { a }  
b

Light variable breezes, mainly between S.W. and N.W.; generally fair or fine, passing showers in places, local coast mist or fog; rather warmer.

### II WESTERN CHANNEL AND BAY.



Light to moderate W. and S.W. breezes; sea slight or smooth; fine to dull, fog locally; milder.

### FORECAST DISTRICTS.

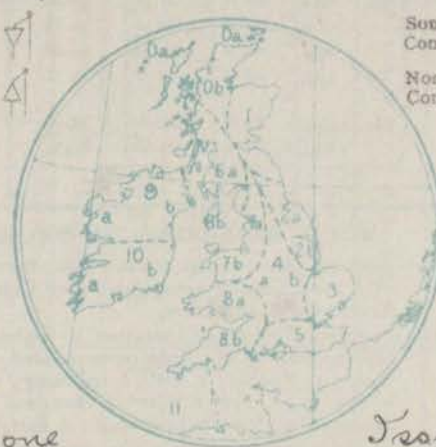
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Coast.   
North Coast. 

South Coast.   
North Coast. 



None

Issued



# DAILY WEATHER REPORT.

Tuesday, 13th July, 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	64	46	b. om	7.7	-	Worthing, to 6 p.m. ...	62	51		1.0	0.01
Oban, to 6 p.m. ...	64	46	b. om	3.5	-	+ Brighton, to 6 p.m. ...	62	51		0.1	-
Dublin (City), to 4 p.m. ...	65	47	b. c. o	-	-	+ Seaford, to 6 p.m. ...	61	51	o. bc	0.1	-
Rossall Beach, to 6 p.m. ...	61	46	b	-	-	Eastbourne, to 6 p.m. ...	60	51		0.0	-
Blackpool, to 9 p.m. ...	61	53	c. o	14.1	-	Bexhill-on-Sea, to 9 p.m. ...	60	52	g. c	0.1	-
Southport, to 9 p.m. ...	61	49	b. c	14.3	-	+ Hastings ...	-	-		0.2	-
+ Rhyi, to 6 p.m. ...	61	54	o. c. bc. b	8.5	-	+ Folkestone, to 6 p.m. ...	56	50	om. o	0.0	-
Colwyn Bay, to 6 p.m. ...	62	53	b	7.5	-	+ Ramsgate, to 6 p.m. ...	-	-		0.4	-
Llandudno, to 6 p.m. ...	-	-	-	7.1	-	+ Margate, to 6 p.m. ...	57	53	o	0.3	-
Bettws-y-Coed, to 6 p.m. ...	63	50	b	7.5	-	+ Felixstowe, to 6 p.m. ...	58	50		2.5	-
Towyn, to 6 p.m. ...	61	47	bc. b	9.5	-	+ Lowestoft, to 6 p.m. ...	55	51	o. r. c	2.0	0.01
Aberystwyth, to 6 p.m. ...	58	47	*	8.5	-	+ Skegness, to 6 p.m. ...	57	51	r. c. b	7.0	0.07
Plymouth, to 9 p.m. ...	67	49	b	13.6	-	Scarborough, to 6 p.m. ...	61	51		7.7	0.10
Torquay, to 6 p.m. ...	66	51	*	6.8	-	+ Harrogate, to 6 p.m. ...	66	48	o. c. bc. b	9.2	-
+ Weymouth, to 6 p.m. ...	66	52	b. bc. c	10.3	0.01	+ Buxton, to 6 p.m. ...	63	47	bc. c. bc	12.2	-
+ Bournemouth, to 6 p.m. ...	67	64	b. bc	4.5	0.01	Darwen, to 9 p.m. ...	63	44	om. bc. c	11.2	-
Southsea, to 6 p.m. ...	64	52	*	0.6	-	Manchester, to 9 p.m. ...	63	50	bc. b. bc. b	8.4	-
						Birmingham, to 9 p.m. ...	67	50	b. bc. c	7.4	-

+ At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 12th July 1909.	61	54	o. o	Ins. 0.04	Malta ... 12th July 1909.	80	68	b	Ins.
Copenhagen ...	70	61	c. m	-	Berne ...	*	*	r. o	1.06
Vardö (North Cape) ...	56	45	b. o	-	Zurich ...	*	*	r. r	1.50
St. Petersburg ...	75	61	b. bc	0.51	Geneva ...	*	*	o. o	0.16
Vienna ...	66	57	o. o	0.94	Lugano ...	*	*	r. c	0.43
Buda-Pesth ...	77	57	r. r	0.67	Coire ... 11th July 1909.	1.30 p.m.	1.30 p.m.	Observations not received.	Measured 7.30 a.m.
Hermanstadt ...	77	61	b. b	-	Castasegna ...				
Trieste ...	68	52	r. o	0.47	Davos ...	*	*		
Florence ...	68	55	o. o	0.32	St. Gothard ...	*	*		
Rome ...	78	59	b. c	0.16					
Naples ...	73	60	r. r	0.16					

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
St. Louis { 12th July 4am	49 N	17 W	30.30	W	0	-					Vaderland { 12th July 3pm	49 N	16 W	30.25	WSW	4-5	-
" " 7pm	48 N	19 W	30.22	WNW	4-5	b					" " 6pm	40 N	17 W	30.23	WSW	4-5	-
" " 11th July 4am	44 N	37 W	30.32	S	4-5	c					Minneapolis { 12th July 3pm	49 N	14 W	30.21	W	1-3	-
" " 7pm	45 N	26 W	30.35	SW	4-5	c					" " 6pm	48 N	16 W	30.30	WSW	1-3	-
" " 3pm	46 N	32 W	30.33	SW	4-5	bc											
Oceanic { 12th July 4am	46 N	30 W	30.33	SW	4-5	-					Lucania { 12th July 4am	48 N	26 W	30.18	W	4-5	-
" " 7pm	47 N	26 W	30.32	SW	1-3	-					" " 7pm	48 N	25 W	30.22	WSW	4-5	-
" " 3pm	47 N	24 W	30.28	SW	1-3	-					" " 3pm	49 N	20 W	30.13	W	4-5	-
" " 6pm	48 N	20 W	30.25	SW	1-3	-					" " 6pm	50 N	19 W	30.11	WN	1-3	-
" " 9pm	48 N	18 W	30.22	WSW	1-3	o					" " 9pm	50 N	13 W	30.07	WN	1-3	-
Montfort { 11th July 3pm	50 N	23 W	30.38	S	1-3	-					" " 7am	51 N	12 W	30.08	WNW	4-5	-
" " 6pm	50 N	22 W	30.34	S	1-3	m											

### NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
63, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

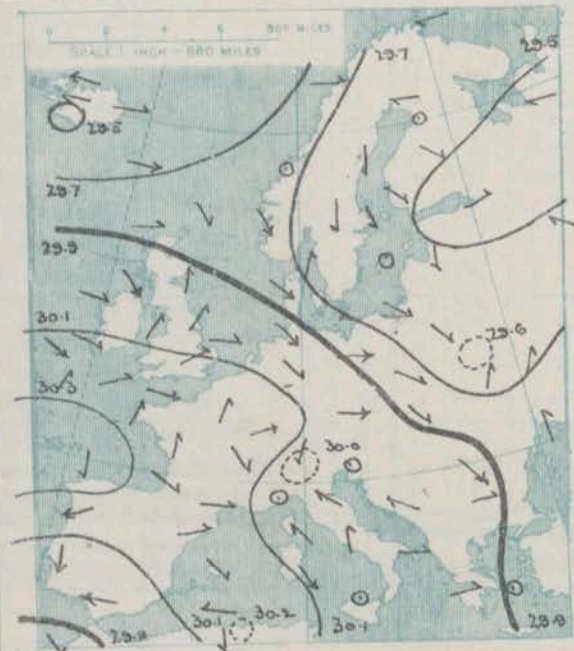
Wednesday  
14th July 1909.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.					
		BAROM.		TEMP.		WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMPERATURE.			WIND.	Force (0 to 12).	Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun-shine.	Rainfall.
		At 32° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Dry Bulb.	Dirac.				At 32° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.					Dirac.	Max.			
SCANDINAVIA.		Inch.	°	Dirac.			Inch.	°	°	°	Dirac.							°	°		Hours.	Inch.
Haparanda...		29.57	62	NNE	2	r	29.54	-0.04	66	63	+3	N	4	0	*	*	73	55	*	*	0.16	
Hernösand...		29.61	66	SW	2	b	29.63	+0.07	66	59	+2	N	2	6	*	*	75	57	*	*	-	
Stockholm...		29.66	65	WSW	2	c	29.66	+0.03	68	63	+1	WNW	2	6	*	*	75	57	*	*	0.04	
Wisby...		29.66	63	Z	0	b	29.68	+0.07	66	61	+2	SW	2	c	*	*	68	55	*	*	-	
Karlstad...		29.68	63	Z	0	bc	29.72	+0.05	62	60	-4	SW	2	c	*	*	*	*	*	*	0.35	
Färder (X'ania Fjord)		29.69	68	WSW	2	b	29.70	+0.03	67	63	+3	Z	0	6	1	70	63	*	*	-		
Bodö...		29.80	52	W	2	b	29.75	-0.05	54	50	+2	W	2	6	0	75	46	*	*	-		
Christiansund...		29.85	53	SW	2	f	29.77	-0.07	55	51	+4	N	1	f	1	57	50	*	*	-		
Skudesnaes...		29.85	55	NW	4	0	29.83	-0.01	56	52	+1	Z	0	0	1	59	52	6.0	*	-		
ICELAND & FAEROE.																						
Isafjord...		29.76	45	NE	7	0	29.86	+0.22	47	*	+4	Z	0	6	*	*	*	*	*	*	*	
Reykjavik...		29.52	56	N	3	b	29.73	+0.23	46	*	-2	SW	1	6	*	*	*	*	*	*	*	
Seydisfjord...		29.51	54	ESE	4	c	29.64	+0.13	45	*	-3	NE	5	0	*	*	*	*	*	*	*	
Thorshavn...		29.66	53	WSW	4	r	29.49	-0.21	49	*	-1	WSW	4	r	*	*	*	*	*	*	*	
BRITISH ISLANDS.																						
Sumburgh Head		29.85	53	W	1	0	29.73	-0.05	52	51	+1	W	2	c	1	56	48	0	*	0.06		
Stornoway...		29.85	55	SW	5	0	29.84	-0.05	54	50	-1	WSW	4	c	4	58	52	o. ody. c. b. v	0.0	0.10		
Castlebay (Barra Id.)		29.92	55	WSW	5	o. g. p.	29.91	-0.02	55	50	+1	NW	4	c	3	56	52	o. p. b. c.	0.4	0.01		
Malin Head...		29.97	56	SW	4	cm	29.95	+0.01	54	53	0	W	3	7	2	59	52	o. m. c. m.	*	0.03		
Blacksod Pt. ...		30.06	59	WSW	5	bc	30.02	-0.05	56	55	+1	SW	3	7	4	60	49	o. o. b. c. m.	*	0.15		
Valencia...		30.17	58	WNW	2	0	30.16	+0.06	57	55	0	NW	1	0	3	61	54	o. c. m.	1.5	-		
Roche's Point...		30.11	65	NNW	3	b	30.17	+0.07	56	54	+4	SW	1	0	2	65	50	o. m. c. b. o	*	0.05		
Birr Castle...		30.09	62	SW	3	c	30.09	+0.04	57	55	-3	SW	3	0	*	65	53	c	3.0	-		
Donaghadee...		30.03	57	SSE	1	c	30.01	+0.03	57	55	-2	SSE	2	0	1	63	55	o. c. o.	*	-		
Liverpool Obsy...		30.05	61	W	4	0	30.09	+0.04	57	54	0	WSW	3	C	3	66	55	o. b. c. b	6.4	-		
Holyhead...		30.05	59	SW	2	bc	30.09	+0.05	58	55	+2	WSW	3	C	2	62	53	o. d. b. m.	*	-		
Pembroke (St. Ann's Hd.)		30.11	56	SW	3	f	30.15	+0.05	56	55	0	SW	2	6	4	58	52	f. o. m. d. f.	0.0	0.02		
SCOTTISH ISLANDS.																						
Scilly (St. Mary's)		30.18	61	WSW	3	om	30.16	-0.02	58	55	0	WNW	3	0	1	63	56	f. o. m.	1.7	-		
Jersey (St. Aubins)		30.20	59	W	4	c	30.24	+0.06	59	58	+1	WSW	3	0	3	63	56	o. g. t. o. m. d.	7.3	-		
Portland Bill...		30.12	58	SW	3	cm	30.16	+0.04	58	57	+1	WSW	3	C	2	61	56	o. m. c. m.	2.0	-		
Dungeness...		30.10	59	WSW	5	*	30.14	+0.05	58	58	-1	SW	4	f	4	63	57	o. c. b. c. f.	3.5	-		
Dover...		30.15	60	W	3	*	30.15	+0.05	60	57	0	WNW	1	0	3	64	57	o. c. o.	2.7	-		
Wick...		29.86	58	SW	2	bc	29.81	-0.06	57	54	+2	W	2	6	1	70	50	-	*	0.05		
Nairn...		29.89	57	W	1	0	29.83	-0.06	56	55	-2	W	1	C	1	60	53	o. o. r. c.	0.5	0.12		
Aberdeen...		29.87	59	NNW	1	c	29.86	-0.03	59	55	-3	SW	1	6	2	67	51	o. o. r. c. b. c.	1.6	0.25		
Leith...		29.92	61	WSW	1	C	29.91	-0.01	59	55	-1	WSW	4	6	*	66	54	c. b. c.	*	-		
North Shields...		29.94	66	WSW	3	C	29.97	+0.01	58	54	-2	WSW	3	0	2	70	53	o. c.	4.1	-		
Spurn Head...		29.99	62	W	3	C	30.05	+0.05	62	59	+5	SSW	2	6	2	70	55	o. p. c. t. o. g. b.	*	-		
Yarmouth...		30.03	67	WSW	2	om	30.08	+0.05	59	57	+6	W	2	6	3	71	51	o. m. c. m.	8.7	-		
Clacton-on-Sea...		30.07	65	WSW	1	c	30.11	+0.04	61	59	+6	WSW	2	C	2	68	55	c. b. c. p.	3.2	0.05		
Nottingham...		30.04	63	NE	3	r	30.08	+0.03	59	57	-1	W	3	0	*	73	56	c. c. b. r.	4.9	0.46		
Bath...		30.12	65	W	2	C	30.18	+0.06	58	57	-2	WNW	1	0	*	67	57	-	2.0	-		
Oxford...		30.10	63	WSW	4	bc	30.14	+0.04	61	58	+2	WSW	3	C	*	70	57	o. o. c. b. c.	*	0.01		
London (St. James's Park)		30.07	62	SW	2	C	30.13	+0.05	61	58	+6	WSW	2	0	*	69	55	o. o. p. o. t. b. c.	2.2	0.10		
GERMANY, & C.																						
The Scaw (Skagen)		29.75	63	WSW	1	b	29.75	+0.05	60	58	0	W	6	6	2	73	57	*	*	-		
Fanö...		29.91	57	NW	4	bc	29.94	+0.10	60	58	+6	W	4	C	*	62	54	*	*	-		
Cuxhaven†...		29.98	60	W	4	0	30.00	+0.06	59	57	+5	WSW	3	0	*	61	57	*	*	-		
The Helder...		30.06	59	SW	1	C	30.07	+0.03	59	58	+2	W	2	6	1	61	57	*	*	-		
Brussels...		30.16	64	W	2	*	30.16	+0.04	58	57	+5	SW	1	0	*	69	53	*	*	0.04		
Berlin†...		29.97	59	SW	2	C	30.02	+0.13	60	76	+5	WNW	3	0	*	63	55	*	*	-		
Frankfurt†...		30.13	61	SW	1	0	30.17	+0.10	57	57	0	SW	6	0	*	66	55	*	*	0.04		
Munich†...		30.19	56	W	4	0	30.25	+0.13	55	82	+1	SW	4	0	*	63	52	*	*	-		
FRANCE.																						
C. Gris Nez...		30.12	58	WSW	3	r	30.15	+0.06	57	57	-1	WSW	3	f	3	63	55	*	*	-		
La Hève...		30.20	62	W	3	bc	30.26	+0.09	57	56	0	WNW	5	0	5	63	54	*	*	-		
Brest...		30.27	59	WSW	2	m	30.28	+0.05	57	57	0	SW	1	C	1	64	54	*	*	-		
Lorient...		30.27	59	WSW	3	m	30.28	+0.05	57	56	+1	SW	2	m	2	66	54	*	*	-		
Rochefort...		30.25	63	NW	4	b	30.31	+0.07	63	60	+1	SE	3	6	*	66	61	6	*	-		
Biarritz...		30.30	64	N	3	b	30.32	+0.04	61	57	0	E	2	6	2	68	55	*	*	-		
PARIS.																						
Paris...		30.19	65	SSW	2	C	30.25	+0.05	55	54	0	SSW	1	0	*	71	49	*	*	-		
Belfort...		30.24	59	W	4	0	30.31	+0.11	54	53	+1	W	2	f	*	60	53	*	*	-		
Lyons...		30.23	61	NNW	1	C	30.28	+0.13	57	53	+1	N	2	6	*	64	51	*	*	-		
Nice...		30.09	62	Z	0	C	30.16	+0.12	64	59	+2	E	2	6	1	72	54	*	*	-		
Perpignan...		30.19	71	NW	2	0	30.24	+0.02	69	58	+5	NW	2	6	*	50	59	*	*	-		
Sanguinaire...		30.19	71	NW	2	0	30.24	+0.02	69	58	+5	NW	2	6	*	50	59	*	*	-		
SPANISH - PENIN.																						
Corunna...		30.30	63	N	5	b	30.34	+0.04	60	55	+1	NNE	1	6	2	66	52	*	*	-		
Lisbon...		30.05	72	N	5	b	30.09	+0.01	77	58	+6	NNW	5	6	*	88	70	*	*	-		
Azores (P. Delgada)...		30.36	69	Z	0	bc	30.38	+0.03	68	64	0	NE	2	0	2	72	68	*	*	-		
Horta...		30.36	69	Z	0	bc	30.38	+0.03	68	64	0	NE	2	0	2	72	68	*	*	-		

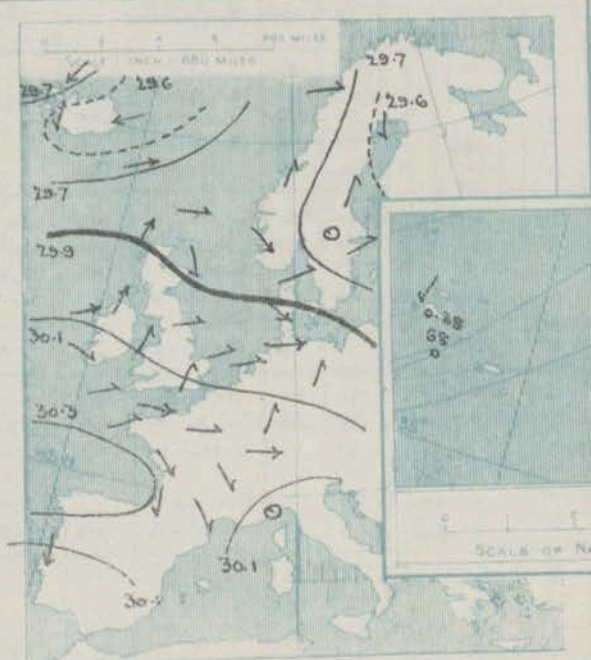


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

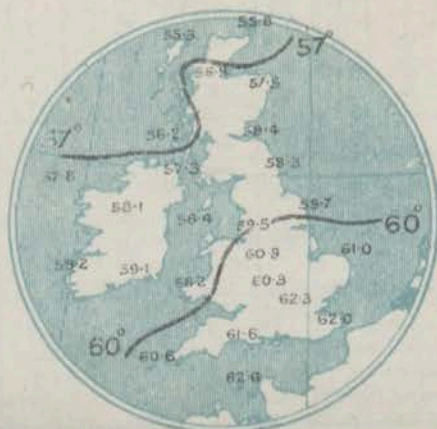
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



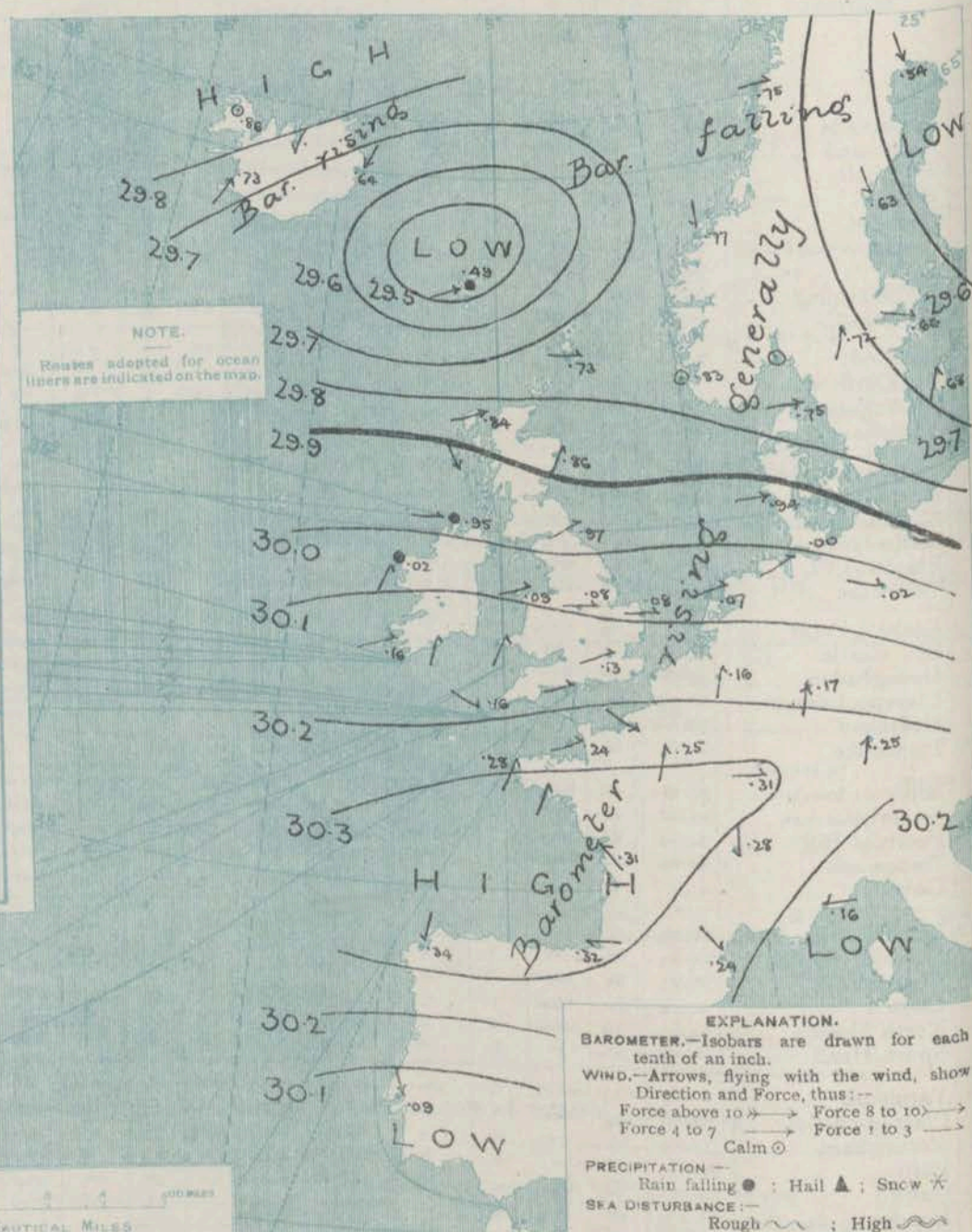
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF JULY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Wednesday.

WEATHER 14<sup>th</sup> July.

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

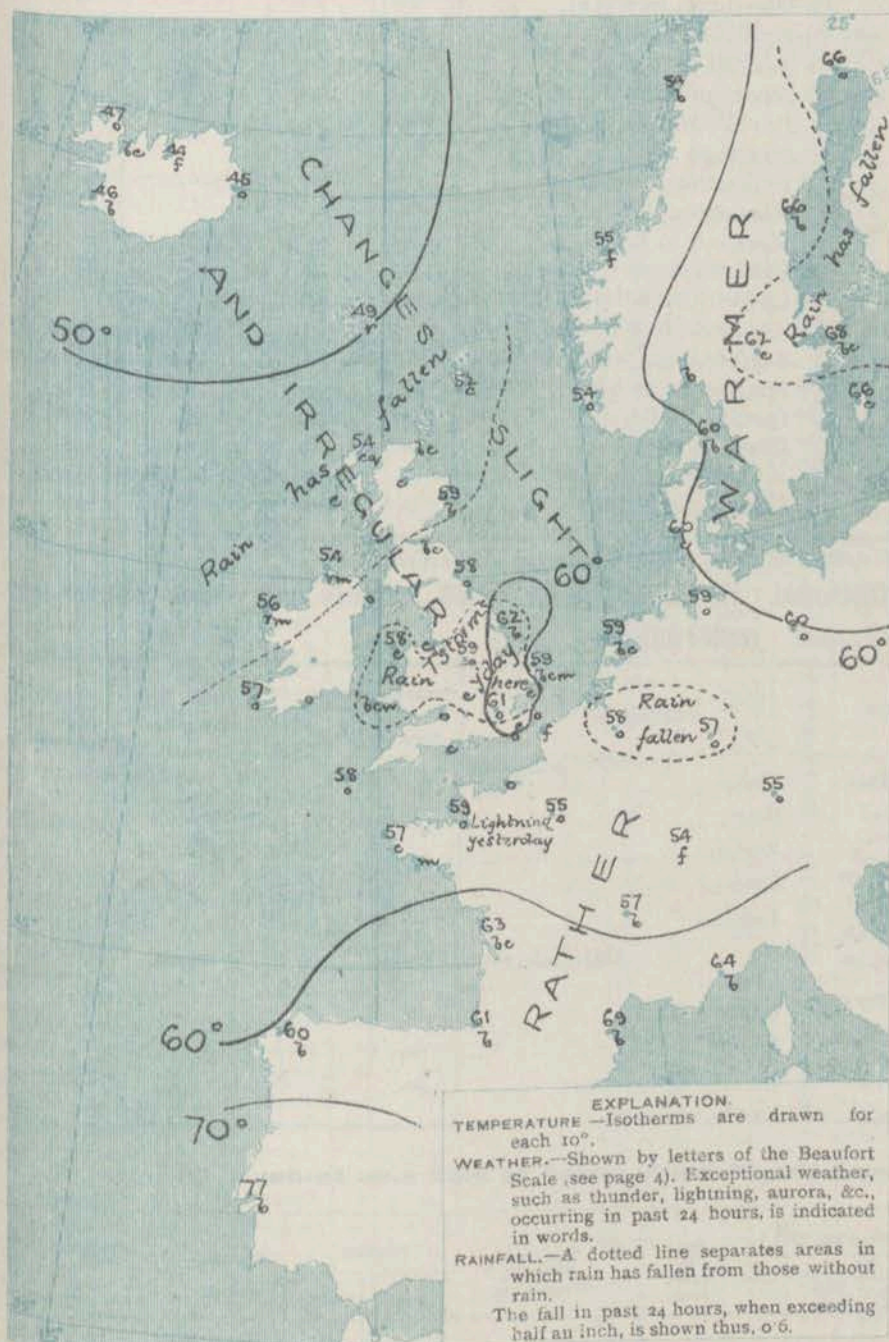
The Atlantic anticyclone continues to expand eastwards across the Continent, and the barometer is now above 30.3 ins. from the Azores to eastern France. In a depression lying to the northward of the Faeroe pressure is below 29½ ins. The gradient is slight generally, moderate off the north of Scotland. Light to fresh North-easterly breezes prevail in Ireland, but over the rest of the region under observation the direction is mainly between South-west and North-west, and few stations report so much as a moderate breeze. At the home stations temperature ranges from 52° in Shetland to 62° at Spurn Head, over the western parts of the Continent from 54° at Belfort to 69° at Perpignan; in Scandinavia from 54° at Bodø and Skudesnæs to 68° at Stockholm; and in Iceland from 44° to 47°. The weather is fine and clear across southern France and western Iceland, but elsewhere it is mostly very cloudy or overcast, rain is falling in the north-west of Ireland and in the Faeroe, there is a thick mist reported along the north-west of Ireland, thick fog on the Straits of Dover, the atmosphere is also foggy at Belfort, Christiansund, and in the north-east of Iceland. The sea is rather rough off Harve, but on most coasts it is slight or smooth.



# CHARTS

14<sup>th</sup> July, 1909

## 2 TEMPERATURE AND WEATHER AT 7 A.M. TO DAY



### NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 70° or a little above in the eastern parts of England, to 73° at Nottingham, but at some northern and western stations it remained below 60°. Showers fell in many parts of the country, and thunderstorms occurred in several of the eastern counties. Aberystwyth, Pembroke, and Stormont had no bright sunshine, and nearly everywhere the records were less than 4 hours, but Falmouth had 8.7 hours. Wireless reports from the Atlantic show that steamers experienced light to moderate South-Westerly to North-Westerly breezes and cloudy to misty weather as far west as the 25<sup>th</sup> Meridian.

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

The changes in the pressure distribution are slight and irregular, and in the course of the ensuing twenty-four hours the conditions over these islands will be affected by small disturbances, secondaries to the main system in the far north.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the districts indicated by the numbers 0-11—see map at foot.

- 0 { a } b
- 1 { a } b
- 2 { a } b
- 3 { a } b
- 4 { a } b
- 5 { a } b
- 6 { a } b
- 7 { a } b
- 8 { a } b
- 9 { a } b
- 10 { a } b

Slight variable breezes between S.W. and N.W.; changeable, cloudy to dull, thunder showers in places, local coast mist or fog; moderate to rather low temperature, air close.

### II WESTERN CHANNEL AND BAY

Slight S.W. and S.W. breezes; sea slight to smooth; cloudy to dull, some mist or thick fog in places; cool.

### FORECAST DISTRICTS.

Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

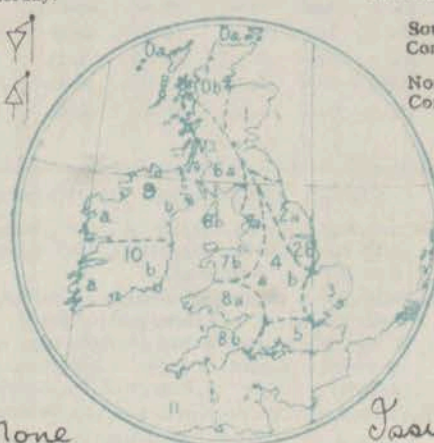
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.





# DAILY WEATHER REPORT.

Wednesday, 14 July 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	60	55	r. o. bc. o	2.8	-	+ Worthing, to 6 p.m. ...	64	50	o. c. o	3.6	-
Oban, to 6 p.m. ...	60	55	r. o. bc. o	0.7	0.25	+ Brighton, to 6 p.m. ...	63	52	"	3.6	-
Dublin (City), to 4 p.m. ...	62	58	cp. b. bc	"	0.01	+ Seaford, to 6 p.m. ...	62	50	bc. o	4.8	-
Rossall Beach, to 6 p.m. ...	65	55	cv. b	"	0.03	+ Eastbourne, to 6 p.m. ...	63	52	"	3.2	-
Blackpool, to 9 p.m. ...	64	56	or. c	2.9	0.06	Bexhill-on-Sea, to 9 p.m. ...	64	52	"	2.3	-
Southport, to 9 p.m. ...	65	54	or. bc	4.0	0.05	+ Hastings ...	"	"	"	2.1	-
+ Rhyi, to 6 p.m. ...	66	55	b. r. o	2.7	0.02	+ Folkestone, to 6 p.m. ...	63	49	bc. c. r. c	3.1	0.02
+ Colwyn Bay, to 6 p.m. ...	66	58	bc. b. bc	3.0	0.04	+ Ramsgate, to 6 p.m. ...	"	"	"	2.8	0.04
Llandudno, to 9 p.m. ...	64	56	bc. o. cp. bc	2.3	0.08	+ Margate, to 6 p.m. ...	72	51	o. b. o	1.9	-
Bettws-y-Coed, to 6 p.m. ...	64	56	c. b. bc	1.0	"	Felixstowe, to 6 p.m. ...	67	51	"	3.9	0.02
Towyn, to 6 p.m. ...	62	57	o. o. m	0.1	0.19	+ Lowestoft, to 6 p.m. ...	71	48	c. bc. o	7.3	-
Aberystwyth, to 6 p.m. ...	61	54	"	0.0	-	+ Skegness, to 6 p.m. ...	71	50	bc	7.3	-
Plymouth, to 9 p.m. ...	"	"	"	"	"	Scarborough, to 9 p.m. ...	72	53	c. bc	6.9	-
Torquay, to 6 p.m. ...	70	51	"	1.4	-	+ Harrogate, to 6 p.m. ...	67	51	b. bc. o. c	3.9	-
+ Weymouth, to 6 p.m. ...	"	53	c. o	2.0	-	+ Buxton, to 6 p.m. ...	69	48	bc. cp. c	5.2	0.11
+ Bournemouth, to 6 p.m. ...	69	50	b. bc. cp	3.6	0.02	Darwen, to 9 p.m. ...	62	50	bc. o. m. d. bc	1.1	0.10
Southsea, to 6 p.m. ...	68	53	"	5.2	-	Manchester, to 9 p.m. ...	67	53	o. d. bc. a. bc. b	2.5	0.08
						Birmingham, to 9 p.m. ...	67	52	c. cp. c	2.8	0.06

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 13th July, 1909.	69	52	c. bc	Ins. 0.04	Malta ... 13th July, 1909.	74	67	"	Ins. -
Copenhagen ...	70	55	bc. o	-	Berne ...	"	"	c. o	0.12
Vardö (North Cape) ...	50	43	o. o	-	Zurich ...	"	"	c. o	0.35
St. Petersburg ...	75	57	o. r	0.04	Geneva ...	"	"	bc. bc	-
Vienna ...	63	52	r. o	0.51	Lugano ...	"	"	b. b	-
Buda-Pesth ...	73	57	b. c	0.28	Coire ... 12th July, 1909.	1.80 p.m.	1.80 p.m.	Measured 7.50 a.m. 1.22	-
Hermanstadt ...	66	52	b. b	0.08	Castasegna ...	59	"	o	0.32
Trieste ...	66	67	o. o	0.94	Davos ...	39	"	r	1.34
Florence ...	73	54	b. o	-	St. Gothard ...	32	"	f	0.79
Rome ...	73	59	b. bc	-					
Naples ...	70	60	b. o	-					

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- tur- bance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.			
	Lat.	Long.		Direc.	Force.		Air.		Sea.			Lat.	Long.		Direc.	Force.				
							Dry Bulb.	Wet Bulb.												
	°	°	Ins.				°	°	°			°	°	Ins.						
Arabie	12th July 4am	50 N	15 W	30.13	WSW	1-3	.	.	.	.	.	12th July 4am	49 N	12 W	30.23	HW	4-5	.		
	" " 7am	50 N	17 W	30.13	WSW	1-3	m	.	.	.	.	" " 7am	49 N	13 W	30.23	WNW	4-5	f		
	" " 3pm	50 N	20 W	30.10	W	4-5	.	.	.	.	.	13th July 4am	48 N	21 W	30.27	W	1-3	.		
	" " 6pm	50 N	21 W	30.11	WNW	4-5	C	.	.	.	.	" " 7am	48 N	23 W	30.20	W	1-3	C		
Montfort.	11th July 4am	50 N	27 W	30.16	S	1-3	.	.	.	.	.	12th July 4am	49 N	10 W	30.24	NNW	1-3	.		
	" " 7am	50 N	25 W	30.13	S	1-3	o	.	.	.	.	" " 7am	49 N	11 W	30.28	NNW	4-5	.		
	12th " 4am	50 N	19 W	30.27	S	4-5	.	.	.	.	.	13th " 4am	49 N	18 W	30.21	NW	4-5	.		
	" " 7am	50 N	18 W	30.25	S	4-5	o	.	.	.	.	" " 7am	49 N	20 W	30.30	N	1-3	.		
	" " 3pm	50 N	15 W	30.21	SW	1-3	.	.	.	.	.	.	.	.	.	.	.	.		
	" " 6pm	51 N	14 W	30.21	SW	1-3	o	.	.	.	.	.	.	.	.	.	.	.		
	13th " 4am	50 N	12 W	30.34	SW	1-3	.	.	.	.	.	.	Oceanic	13th July 4am	49 N	13 W	30.14	WSW	1-3	.
	" " 7am	50 N	11 W	30.16	SW	1-3	m	.	.	.	.	.	" " 7am	49 N	10 W	30.18	WNW	1-3	.	
												11th July 3pm	50 N	20 W	30.14	W	4-5	.		

### NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- \* Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
68, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday  
15 July 1909.

STATIONS.	YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
	Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.		
			At 28° Fahr. and M.S.L. Lat. 45°	Dry Bulb.		Direc.	Force (0 to 12).	At 28° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.		Direc.	Force (0 to 12).				Max.	Min.
Ins.	"	"	"	"	Ins.	Ins.	"	"	"	"	"	"	"	"	"	"	"	"		
SCANDINAVIA.																				
Haparanda...	29.48	66	N	2	bc	29.43	-0.11	62	58	-4	NNW	2	c	1	75	52	"	"		
Hernösand...	29.56	68	Z	0	b	29.58	-0.05	57	52	-9	N	4	o	1	81	35	"	0.04		
Stockholm...	29.66	65	WSW	2	b	29.62	-0.04	63	58	-5	WSW	4	bc	1	75	63	"	"		
Wishy...	29.70	67	WSW	4	c	29.73	+0.05	63	58	-3	W	6	b	1	68	54	"	"		
Karlstad...	29.67	67	S	2	b	29.71	-0.01	61	53	-1	WSW	4	b	1	68	54	"	"		
Færder (X'ania Fjord)	29.67	68	WNW	4	b	29.78	+0.08	60	51	-7	W	2	b	2	63	59	"	"		
Bodö...	29.73	58	Z	0	b	29.67	-0.08	57	53	+3	E	1	b	1	57	48	"	"		
Christiansund...	29.75	54	W	1	o	29.78	+0.01	50	48	-5	W	5	c	2	55	50	"	0.12		
Skudesnaes...	29.90	56	NW	4	b	29.91	+0.08	54	51	0	SW	2	c	2	59	52	"	"		
ICELAND & FAEROE.																				
Isafjord...	29.86	50	NNE	3	b	29.72	-0.14	50	"	+3	Z	0	c	1	"	"	"	"		
Reykjavik...	29.75	58	N	4	b	29.63	-0.10	51	"	+5	E	4	c	1	"	"	"	"		
Seydisfjord...	29.79	52	NE	4	c	29.84	+0.20	45	"	0	Z	0	b	1	"	"	"	"		
Thorshavn...	29.79	60	WNW	2	c	29.84	+0.35	50	"	+1	Z	0	c	1	"	"	"	"		
BRITISH ISLANDS.																				
Sumburgh Head	29.82	54	W	5	b	29.89	+0.16	50	49	-2	W	1	c	1	57	47	b	0.01		
Stornoway...	29.94	57	W	5	c	29.95	+0.11	55	51	+1	WSW	4	c	4	58	51	cp, c	2.8		
Castlebay (Barra Id.)	29.99	56	W	3	o	29.97	+0.06	54	52	-1	SW	2	om	3	58	52	c, o, c, om	4.3		
Malin Head...	30.02	56	W	1	cm	30.02	+0.07	54	54	0	SW	3	omf	2	59	52	om, tom, omf	"		
Blackod Pt. ...	30.07	57	WSW	3	o	30.10	+0.08	56	55	0	W	3	cp	3	60	52	om, cm, or	"		
Valencia...	30.18	57	WNW	3	om	30.21	+0.05	57	55	0	W	1	o	4	61	55	om, om	0.5		
Roche's Point...	30.14	60	N	3	c	30.21	+0.04	58	53	0	NW	1	bc	1	65	54	bc, c, o, cp, bc	"		
Birr Castle...	30.03	61	SW	3	c	30.14	+0.05	57	54	0	SW	2	o	1	62	52	c, cp	0.2		
Donaghadee...	30.06	54	NNW	1	r	30.06	+0.05	53	53	-4	SSW	2	o	1	59	52	or, c, g	"		
Liverpool Obsy...	30.10	61	WSW	3	o	30.09	-0.00	57	56	0	SW	4	o	3	63	56	bc, c	4.5		
Holyhead...	30.09	58	SW	3	bc	30.11	+0.02	56	55	-2	W	4	c	3	61	55	om, bc	"		
Pembroke (St. Ann's Hd.)	30.16	56	SW	3	c	30.15	-0.00	56	55	0	SW	4	cg	3	59	54	bc, c, g	5.4		
Scilly (St. Mary's)...	30.23	60	WSW	3	o	30.20	+0.04	57	54	-1	WNW	3	o	1	62	56	o	0.0		
Jersey (St. Aubins)...	30.23	62	W	3	bc	30.21	-0.03	58	56	-1	W	2	o	2	65	56	oym, omp	8.3		
Portland Bill...	30.15	58	SW	4	c	30.15	-0.01	58	57	0	WSW	2	c	2	60	56	bc, c	9.3		
Dungeness...	30.13	59	SW	5	o	30.15	+0.01	59	58	+1	W	2	bc	2	63	56	c, cp	6.5		
Dover...	"	"	"	"	"	30.15	-0.00	58	57	-2	W	1	o	1	65	56	o, c, bc, c	6.4		
Wick...	29.92	59	W	2	bc	29.95	+0.14	55	50	-2	W	1	bc	1	65	46	"	"		
Nairn...	29.92	59	WNW	2	bc	29.97	+0.14	51	50	-5	Z	0	o	1	64	51	bc, b, g	10.2		
Aberdeen...	29.98	57	SE	1	c	29.99	+0.13	55	51	-4	W	1	o	2	66	53	cu, bc, c, o	10.4		
Leith...	29.96	62	W	3	bc	30.02	+0.11	55	52	-4	W	2	bc	2	64	50	bc, p, bc, b	"		
North Shields...	30.01	60	WSW	3	o	30.04	+0.07	56	51	-3	WSW	3	c	2	66	50	r, o	1.1		
Spurn Head...	30.03	62	WNW	3	c	30.04	-0.01	58	54	-4	W	3	c	3	64	56	c, om, c	"		
Yarmouth...	30.08	68	N	2	bc, m	30.09	+0.01	56	54	-3	W	1	bc, m	3	73	54	bc, m	9.2		
Clacton-on-Sea...	30.10	68	WSW	2	c	30.12	+0.01	60	53	-1	NSW	2	c	1	73	56	c, bc, c	5.2		
Nottingham...	30.07	66	W	4	c	30.10	+0.02	57	56	-2	NSW	2	c	1	72	52	c, o, c	3.5		
Bath...	30.17	63	W	2	o	30.15	-0.03	60	51	+2	W	1	o	1	68	56	"	3.3		
Oxford...	30.14	61	N	3	c	30.14	-0.00	61	57	0	WSW	2	b	1	64	54	bc, b	"		
London (St. James's Pk)	30.11	69	W	3	b	30.13	-0.00	58	56	-3	W	2	bc, p	1	72	56	c, b	5.5		
GERMANY, & C.																				
The Scaw (Skagen)...	29.80	58	W	4	bc	29.84	+0.04	60	55	0	WNW	4	b	1	64	55	"	"		
Fanö...	30.00	58	W	4	bc	30.00	+0.06	58	56	-2	SW	2	o	1	64	55	"	"		
Cuxhaven†...	30.06	60	W	3	b	30.04	+0.04	60	51	+1	W	3	o	1	64	57	"	"		
The Helder...	30.10	60	SW	2	b	30.08	+0.01	58	58	-1	WSW	1	bc	1	63	57	"	0.08		
Brussels...	"	"	"	"	"	30.15	-0.01	57	56	-1	WSW	1	o	1	70	54	"	0.08		
Berlin†...	30.02	68	Z	0	b	30.08	+0.06	63	69	+3	W	2	b	1	73	55	"	"		
Frankfurt†...	30.17	60	SW	2	o	30.16	-0.01	61	86	+4	SSW	3	c	1	68	52	"	0.16		
Munich†...	30.22	59	SW	3	o	30.21	-0.04	60	79	+5	SW	4	c	1	66	54	"	"		
FRANCE.																				
C. Gris Nez...	30.15	59	SW	4	bc	30.15	-0.00	57	58	+1	W	2	o	2	63	55	"	"		
La Hève...	30.23	59	NW	2	bc	30.21	-0.05	55	58	-2	W	3	o	3	63	50	"	0.04		
Brest...	30.29	59	WSW	1	o	30.26	-0.02	56	55	-1	NW	1	o	2	68	54	"	0.04		
Lorient...	"	61	WSW	3	c	"	"	57	56	0	WSW	1	m	2	66	55	"	"		
Rochefort...	30.24	70	NW	4	b	30.24	-0.07	62	59	-1	NNW	1	o	1	73	57	b	"		
Biarritz...	30.30	64	NNE	4	b	30.25	-0.07	60	57	-1	SW	2	o	1	68	57	"	"		
Paris...	30.22	65	SW	1	o	30.20	-0.05	57	57	+2	NNW	2	r	1	71	55	"	0.20		
Belfort...	30.25	63	W	3	c	30.24	-0.07	57	54	+3	E	2	m	1	70	51	"	"		
Lyons†...	30.28	69	N	2	b	30.21	-0.07	65	59	+8	SE	1	o	1	75	53	"	"		
Nice...	30.18	62	Z	0	o	30.16	-0.00	67	57	+3	Z	4	b	1	73	54	"	"		
Perpignan...	30.19	77	N	2	b	30.19	-0.05	68	60	-1	W	2	bc	1	81	68	"	"		
Sanguinaire...	30.04	72	W	2	bc	30.06	"	66	61	"	E	1	m	2	"	"	"	"		
SPANISH PENIN.																				
Corunna...	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
Lisbon...	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
Azores (P. Delgada)...	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
" Horta...	30.41	69	E	3	o	30.41	+0.03	68	63	0	NE	4	o	2	75	68	"	"		



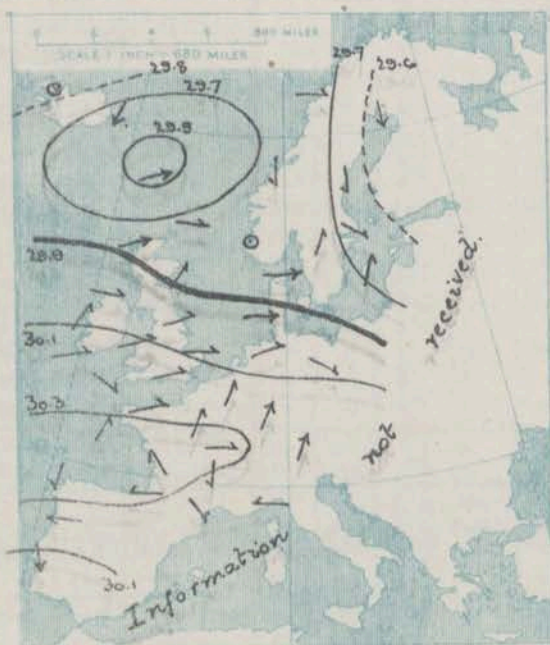
SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

Thursday,

WEATHER 15<sup>th</sup> July.

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.

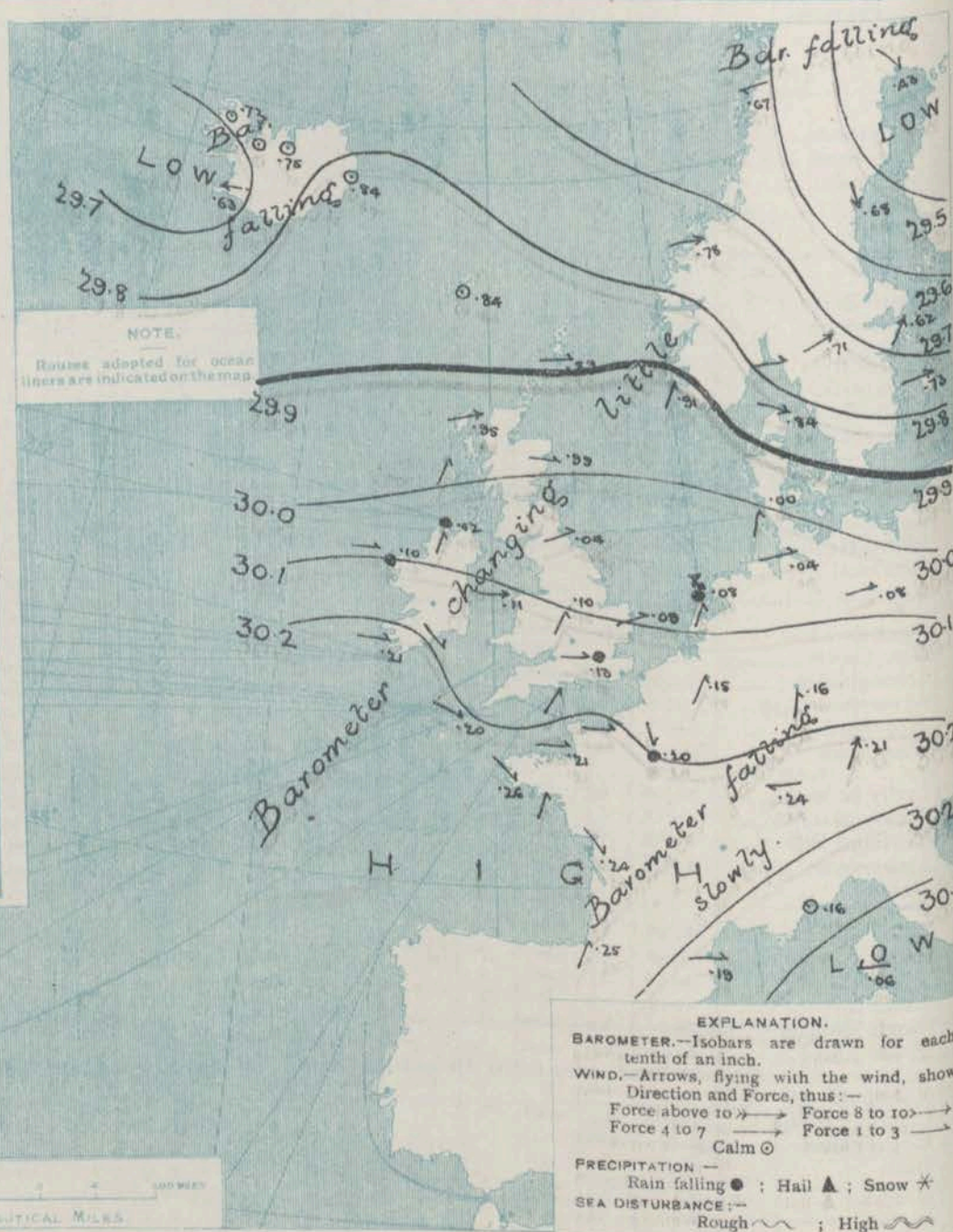
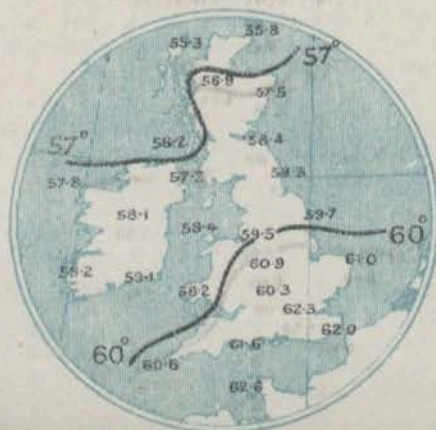
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF JULY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



EXPLANATION.  
BAROMETER.—Isobars are drawn for each  
tenth of an inch.  
WIND.—Arrows, flying with the wind, show  
Direction and Force, thus:—  
Force above 10 → Force 8 to 10 →  
Force 4 to 7 → Force 1 to 3 →  
Calm ○  
PRECIPITATION —  
Rain falling ● ; Hail ▲ ; Snow ✱  
SEA DISTURBANCE:—  
Rough ~~~~~ ; High ~~~~~

NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression which was yesterday in the neighbourhood of the Faeroe has passed away to the north-eastward, and the barometer is now below 29.5 ins. at Haparanda. Over the rest of our area the changes of pressure have been very slight, the anticyclone still extending from mid-Atlantic across central Europe, the barometer standing above 30.4 ins. at the Azores. The gradient is everywhere slight.

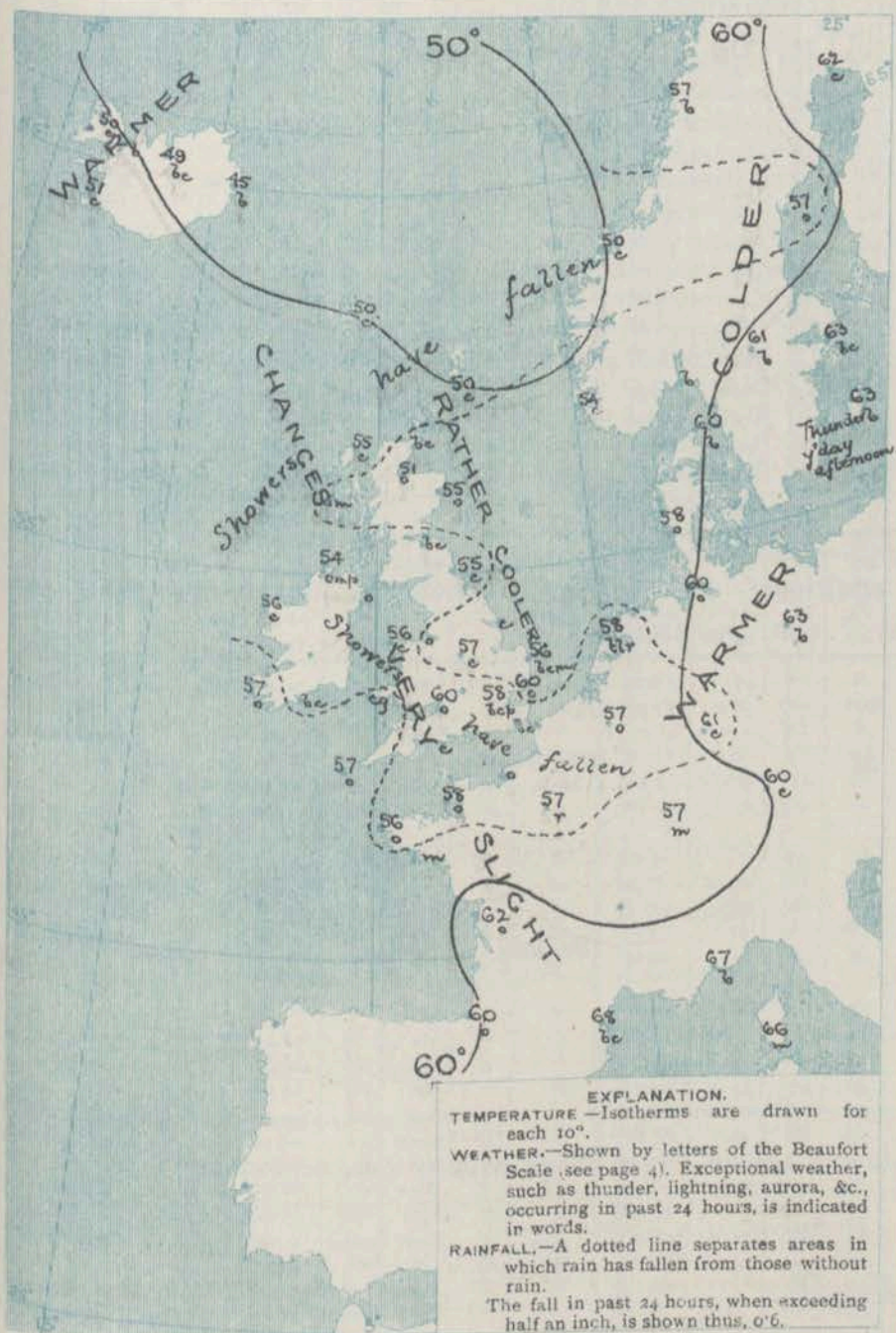
Over nearly the whole of the region under observation the wind is between south-west and north-west, and only a few stations report the force of a moderate breeze, viz. a strong breeze. At the home stations the temperature ranges from 50° in Shetland to 60° at Bath and Clacton-on-Sea; over western Europe from 55° at Harve to 68° at Perpignan; in Scandinavia from 50° at Christiansund to 63° at Stockholm and Wisby; and in Iceland from 45° to 51°. Both at home and abroad the sky is mostly very cloudy or overcast, with showery weather in London and in the north-west of Ireland, rain at Paris, and a thunderstorm at the Helder. The sea is slight to very smooth on nearly all coasts.



# CHARTS

15<sup>th</sup> July, 1909.

## 2 TEMPERATURE AND WEATHER AT 7 A.M. TO DAY.



### NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to between 70° and 73° at a number of stations in the eastern half of England, while at some of the northern and western stations the maxima were again below 60°. Slight showers have fallen in most districts. Scilly reports no bright sunshine, and a few other places less than an hour, the records elsewhere ranging upwards to more than 10 hours in the north east of Scotland.

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

While a general improvement is taking place in the weather, slight pressure irregularities crossing the country from the Atlantic will occasion temporary dullness and thunder showers in various localities.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 { a  
b
- 1 { a  
b
- 2 { a  
b
- 3 { a  
b
- 4 { a  
b
- 5 { a  
b
- 6 { a  
b
- 7 { a  
b
- 8 { a  
b
- 9 { a  
b
- 10 { a  
b

Light variable breezes between S.W. and N.E.; changeable, fine to dull, with local thunder showers, coast mist or fog in places; temperature moderate to cool, air clear.



### 11 WESTERN CHANNEL AND BAY

Light variable S.W. to N.E. breezes; sea slight or smooth; fine to dull, local mist or fog; cool.



### FORECAST DISTRICTS.

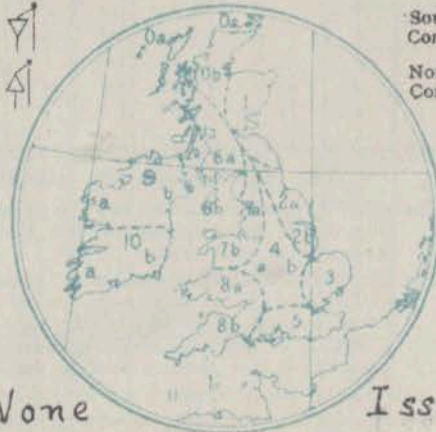
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

South Cone.   
North Cone. 

Signals hoisted this morning.

South Cone.   
North Cone. 



None

Issued.



# DAILY WEATHER REPORT.

Thursday, 15th July, 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	59	54	a, b, bc, c	3.6	-	+ Worthing, to 6 p.m. ...	65	52	a, c	6.0	-
+ Oban, to 6 p.m. ...	66	54	b, op, bc	3.9	0.05	+ Brighton, to 6 p.m. ...	64	58	a	6.4	-
Dublin (City), to 4 p.m. ...	62	55	c, op, o	-	0.01	+ Seaford, to 6 p.m. ...	62	56	f, b, c	7.1	-
Rossall Beach, to 6 p.m. ...	64	55	-	1.4	-	+ Eastbourne, to 6 p.m. ...	63	51	-	7.2	0.01
Blackpool, to 6 p.m. ...	63	56	a, c, b	1.8	-	Bexhill-on-Sea, to 9 p.m. ...	63	58	-	6.5	0.01
Southport, to 9 p.m. ...	66	59	a, b, c	4.4	-	+ Hastings ...	64	56	m, bc, r, bc	6.6	-
+ Rhyt, to 6 p.m. ...	66	55	bc, b	5.0	-	+ Folkestone, to 6 p.m. ...	72	57	b, o	5.0	0.01
+ Colwyn Bay, to 6 p.m. ...	64	54	c, bc	3.6	0.08	Ramsgate, to 6 p.m. ...	72	57	-	4.3	0.03
Llandudno, to 9 p.m. ...	63	53	-	2.5	-	+ Margate, to 6 p.m. ...	73	58	a, c, o, c	9.0	-
Bettws-y-Coed, to 6 p.m. ...	64	55	c, bc, o	6.1	-	+ Felixstowe, to 6 p.m. ...	70	57	r, c, bc	7.3	0.13
Towyn, to 6 p.m. ...	61	56	-	4.3	-	+ Lowestoft, to 6 p.m. ...	72	53	c	2.2	0.04
Aberystwyth, to 6 p.m. ...	69	54	-	6.6	-	Scarborough, to 9 p.m. ...	66	54	c, b, o, c	4.3	-
Plymouth, to 9 p.m. ...	67	56	b, bc, c	9.3	-	+ Harrogate, to 6 p.m. ...	60	52	c, bc, c	5.8	-
Torquay, to 6 p.m. ...	69	56	p, c, bc, g	9.2	0.01	Buxton, to 6 p.m. ...	65	57	c, om, b, d, o	1.5	0.02
+ Weymouth, to 6 p.m. ...	69	53	-	7.3	-	Darwen, to 9 p.m. ...	72	55	bc, c, bc, o	2.9	-
+ Bournemouth, to 6 p.m. ...	-	-	-	-	-	Manchester, to 9 p.m. ...	-	-	c	8.7	-
Southsea, to 6 p.m. ...	-	-	-	-	-	Birmingham, to 9 p.m. ...	-	-	-	-	-

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 14th July, 1909.	Observations not received			Ins.	Malta ... 14th July, 1909.	Observations not received			Ins.
Copenhagen ...					Berne ...	"	"		
Vardö (North Cape) ...					Zurich ...	"	"		
St. Petersburg ...					Geneva ...	"	"		
Vienna ...					Lugano ...	"	"		
Buda-Pesth ...					Coire ... 13th July, 1909.	1.00 p.m.	not received	1.30 p.m.	Measured 7.30 a.m.
Hermanstadt ...					Castasegna ...	66	"	b	-
Trieste ...					Davos ...	46	"	o	0.04
Florence ...					St. Gothard ...	36	"	bc	0.08
Rome ...									
Naples ...									

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Air.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
Vernia { 14th July, 3 p.m. - 6 p.m.	51° N	9° W	30.17	WSW	4-5	-	-	-	-	-				Ins.			
	51° N	10° W	30.19	WSW	4-5	c	-	-	-	-							

### NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- \* Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
68, VICTORIA STREET, S.W.  
W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday  
16<sup>th</sup> July, 1909

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9).	TEMP.		Weather.	Sun. shies.	Rainfall.		
At 32° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Direc.	Force (0 to 12).	At 32° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Max.	Min.	Hours.	Ins.							
SCANDINAVIA.																					
Haparanda...	29.43	59	NE	2	0	29.45	+0.02	55	52	-7	NW	4	0	*	73	52	*	*	*		
Hernösand...	29.64	59	Z	0	6	29.68	+0.10	53	46	-4	W	2	0	*	70	54	*	*	0.04		
Stockholm...	29.69	62	WSW	2	6	29.70	+0.08	59	55	-4	W	4	0	*	73	59	*	*	*		
Wisby...	29.75	62	W	4	6	29.76	+0.03	63	55	0	WSW	6	6	*	66	57	*	*	*		
Karlstad...	29.71	61	WSW	2	6	29.68	-0.03	59	54	-2	SW	2	6	*	*	*	*	*	*		
Færder (X'ania Fjord)	29.70	65	WSW	2	6	29.70	-0.08	58	49	-2	W	2	6	2	68	55	*	*	*		
Bodö...	29.64	51	SW	2	6	29.56	-0.11	50	48	-7	SW	4	C	2	57	46	*	*	*		
Christiansund...	29.79	50	WSW	6	0	29.69	-0.09	53	49	+3	S	1	6	2	54	48	*	*	0.08		
Skudesnaes...	29.57	55	W	4	6	29.74	-0.17	54	51	0	SSE	4	0	2	59	50	6	*	*		
ICELAND & FAEROE.																					
Isafjord...	29.55	54	SSE	5	0	29.25	-0.47	46	*	-4	SE	5	T	*	*	*	*	*	*		
Reykjavik...	29.44	51	ESE	5	0	29.23	-0.40	47	*	-4	SE	3	C	*	*	*	*	*	*		
Seydisfjord...	29.65	56	NE	4	C	29.37	-0.47	48	*	+3	Z	0	C	*	*	*	*	*	*		
Thorshavn...	29.74	53	Z	0	0	29.50	-0.34	49	*	-1	SSE	3	T	*	*	*	*	*	*		
BRITISH ISLANDS.																					
Sumburgh Head	29.82	53	SW	1	0	29.55	-0.34	52	52	+2	S	1	f	1	57	49	bc, o	*	0.03		
Stornoway...	29.72	54	S	6	T	29.57	-0.38	54	53	-1	W	4	op	5	57	52	odfm, of, of	0.9	0.34		
Castlebay (Barra Id.)	29.75	54	SSW	4	T	29.65	-0.32	55	54	+1	WNW	4	op	4	58	52	omr, of	0.0	0.39		
Malin Head...	29.82	58	SW	4	rm	29.69	-0.33	56	55	+1	W	4	o	4	58	54	om, omf, of, r	*	0.58		
Blacksod Pt.	29.44	51	WSW	7	omqf	29.84	-0.26	57	56	+1	W	5	rm	4	60	52	om, omf, omr	*	0.15		
Valencia...	30.13	61	SW	2	C	30.01	-0.20	59	58	+2	WSW	4	omd	4	63	57	o, c, om	1.9	0.01		
Roches Point...	30.13	62	WNW	3	0	29.97	-0.24	60	59	+5	W	4	C	4	66	55	bc, of, o, of	*	-		
Birr Castle...	30.04	60	SW	4	T	29.88	-0.26	60	59	+3	WSW	4	OT	*	63	56	o, of	1.5	0.02		
Donaghadee...	29.99	58	SSW	2	T	29.75	-0.31	58	57	+5	SW	4	0	2	61	53	c, omr, o	3	0.32		
Liverpool Obsy...	30.06	58	W	3	0	29.78	-0.31	58	58	+1	SW	6	T	4	62	55	op, bc, of	2.6	0.50		
Holyhead...	30.08	57	SW	3	omf	29.82	-0.29	58	57	+2	W	3	T	2	64	54	om, omf	*	0.44		
Pembroke (St. Ann's Hd.)	30.12	57	WSW	4	C	29.94	-0.21	56	56	0	SW	6	omq	5	60	55	cg, of, of, of	5.3	0.02		
Scilly (St. Mary's)...	30.20	60	WSW	3	C	30.10	-0.10	59	56	+2	W	4	C	1	63	57	C	8.5	-		
Jersey (St. Aubins)...	30.21	60	W	4	0	30.14	-0.07	58	57	0	WSW	4	0	3	63	56	of, of, of, of	1.5	0.01		
Portland Bill...	30.12	60	WSW	3	bc	30.00	-0.45	58	57	0	WSW	5	C	4	61	57	bc	8.0	0.01		
Dungeness...	30.10	61	SW	6	bc	29.99	-0.16	57	57	-2	SW	5	T	4	64	56	bc, f, of, bc, of	9.6	0.10		
Dover...	*	*	*	*	*	30.01	-0.14	58	54	-3	SW	5	T	4	67	54	bc, bc, of	9.5	0.08		
Wick...	29.80	52	SW	1	T	29.56	-0.41	58	54	0	NNW	1	op	1	59	51	-	*	0.20		
Nairn...	29.81	56	W	1	T	29.56	-0.43	56	56	+6	WSW	1	0	1	62	51	o, c, of	1.0	0.30		
Aberdeen...	29.84	58	SSW	1	T	29.58	-0.44	60	57	+5	WSW	1	bc	2	63	52	c, o, of, bc	1.9	0.19		
Leith...	29.91	59	W	2	T	29.60	-0.42	59	56	+4	W	3	C	*	62	55	bc, of, of	*	0.11		
North Shields...	29.97	62	SW	3	0	29.64	-0.40	60	58	+5	W	4	of	2	66	52	c, o, T	4.2	0.34		
Spurn Head...	30.02	60	WNW	3	0	29.73	-0.31	58	56	0	SW	4	op	3	64	53	op, of, of	*	0.25		
Yarmouth...	30.06	62	NNE	2	bc	29.89	-0.20	54	53	-2	SW	3	op	3	71	55	bc, bc, of	6.2	0.08		
Clacton-on-Sea...	30.07	65	NW	3	C	29.93	-0.19	56	55	-4	SSW	4	T	4	72	53	c, bc, cu	9.0	0.12		
Nottingham...	30.06	63	WNW	3	C	29.82	-0.28	59	58	+2	W	4	0	*	68	54	c, o, c, of	2.7	0.38		
Bath...	30.13	62	W	2	bc	29.95	-0.20	60	58	0	W	1	0	*	67	56	-	6.4	0.06		
Oxford...	30.09	61	WSW	2	C	29.92	-0.22	58	57	-3	SW	3	T	*	68	55	c, om, om, of	*	0.14		
London (St. James's Pk)	30.08	65	W	2	0	29.95	-0.18	55	54	-3	SSW	3	OT	*	70	55	o, bc, c, o	6.4	0.14		
GERMANY, & C.																					
The Scaw (Skagen)...	29.81	57	W	5	6	29.76	-0.08	58	53	-2	W	5	C	2	63	54	*	*	*		
Fanø...	29.93	55	NW	2	bc	29.88	-0.12	56	54	-2	WSW	2	T	*	64	54	*	*	0.04		
Cuxhaven†...	30.00	62	W	3	C	29.93	-0.11	58	54	-2	SW	2	0	*	64	55	*	*	0.04		
The Helder...	30.05	59	SW	2	C	29.92	-0.16	59	58	+1	SW	4	T	3	64	53	*	*	*		
Brussels...	*	*	*	*	*	30.04	-0.11	60	58	+3	WSW	1	0	*	70	51	*	*	0.12		
Berlin†...	30.01	67	Z	0	T	30.00	-0.08	64	78	+1	SW	2	bc	*	77	57	*	*	0.20		
Frankfurt†...	30.08	64	SW	2	0	30.08	-0.08	61	84	0	SW	3	C	*	73	54	*	*	*		
Munich†...	30.10	59	NE	2	C	30.13	-0.08	58	92	-2	SW	3	0	*	68	54	*	*	0.12		
FRANCE.																					
C. Gris Nez...	30.12	60	SW	3	6	30.02	-0.13	57	56	-1	SW	4	T	4	64	55	*	*	0.04		
La Hève...	30.16	61	W	2	6	30.13	-0.08	56	55	+1	SW	5	0	4	63	54	*	*	*		
Brest...	30.28	60	NW	2	bc	30.20	-0.06	58	56	+2	WNW	1	bc	1	64	55	*	*	*		
Lorient...	?	60	WNW	4	0	?	?	58	56	+1	WSW	3	bc	2	64	54	*	*	*		
Rochefort...	30.22	64	NW	4	6	30.20	-0.04	64	61	+2	ENE	1	6	*	68	59	bc, 6	*	*		
Biarritz...	30.27	63	NNW	3	0	30.28	+0.03	61	58	+1	WNW	3	0	1	70	760	*	*	*		
Paris...	30.15	63	NNW	2	C	30.14	-0.06	60	58	+3	SSW	1	bc	*	69	55	*	*	0.16		
Belfort...	30.13	64	W	5	0	30.15	-0.09	57	56	0	W	3	0	*	73	53	*	*	0.08		
Lyons...	30.15	63	NNE	1	0	30.16	-0.05	59	54	-6	N	1	6	*	76	55	*	*	*		
Nice...	30.11	63	W	1	0	30.02	-0.07	64	60	-3	E	1	6	1	75	57	*	*	*		
Perpignan...	30.13	68	Z	0	0	30.16	-0.03	68	60	0	W	3	C	*	80	63	*	*	*		
Sanguinaire...	30.00	75	N	3	6	29.98	-0.08	66	62	0	E	3	6	1	*	*	*	*	*		
SPANISH PENIN.																					
Corunna...	30.08	63	N	3	6	30.02	-0.08	67	60	-6	NE	3	6	*	82	61	*	*	*		
Lisbon...	30.40	69	NE	2	C	30.39	-0.02	70	64	+2	Z	0	C	2	75	66	*	*	*		

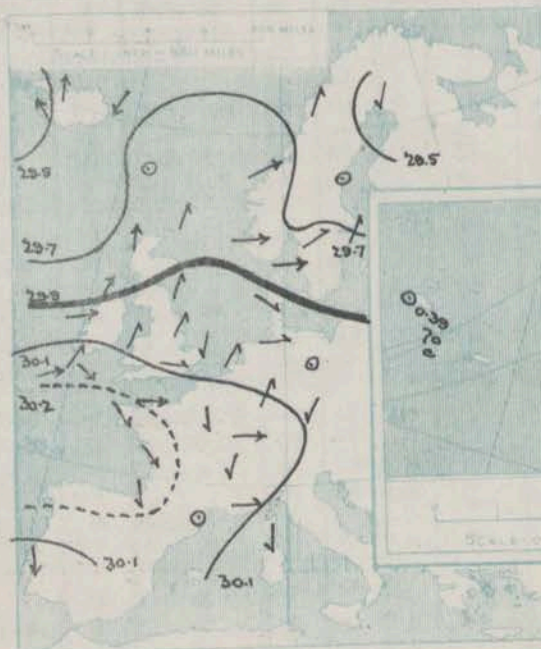


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

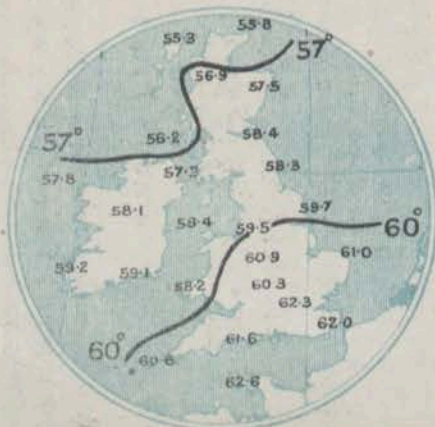
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



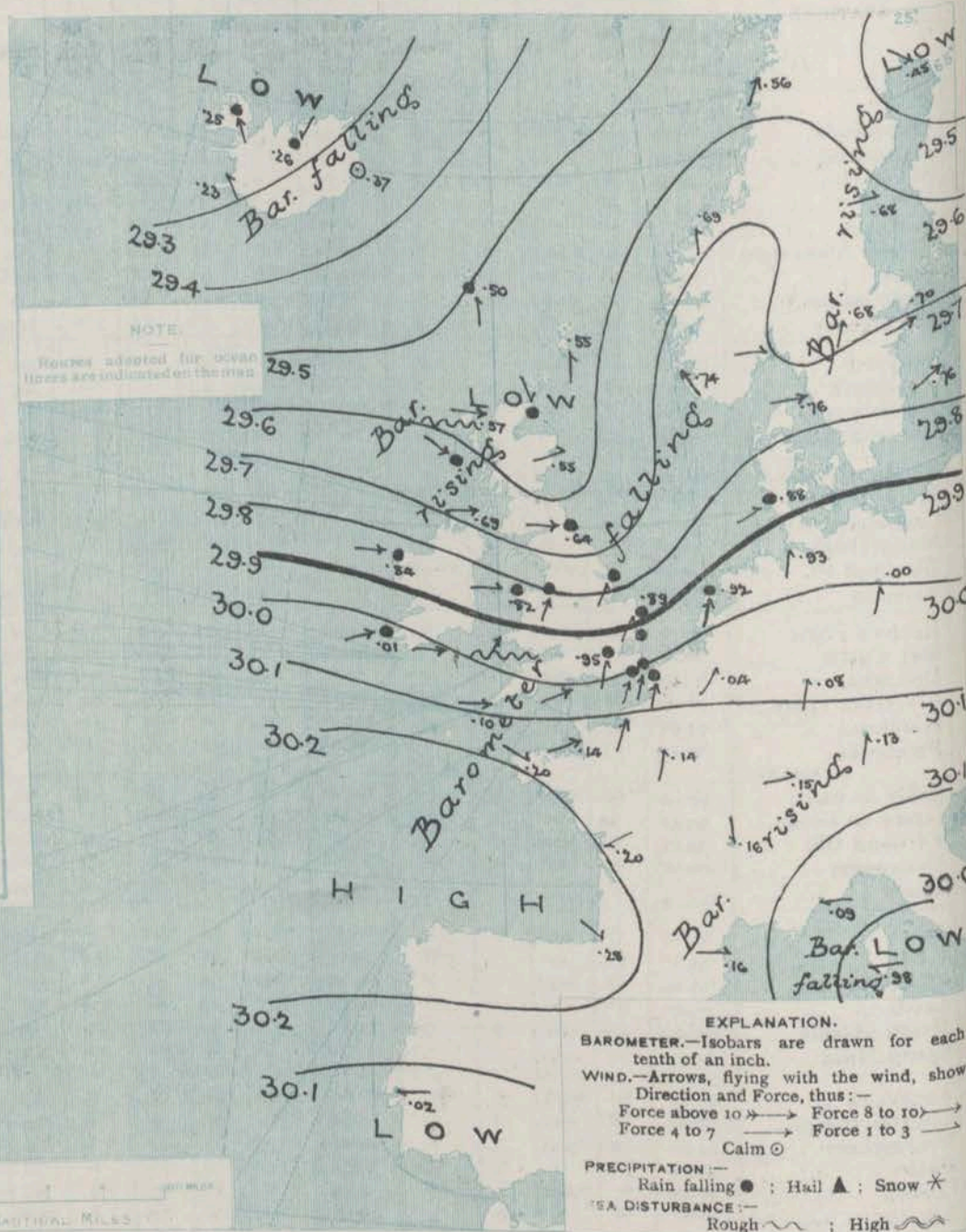
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF JULY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Friday,

WEATHER 16<sup>th</sup> July.

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

Pressure has diminished over nearly the whole of the region under observation, rather decidedly over the British Isles and to the north-westward, and in a depression now lying between Iceland and Greenland the barometer is down to 29½ ins. In a "V-shaped" secondary over Scotland the readings are below 29½ ins. In a disturbance over the extreme north of Russia pressure is below 29½ ins. At the Azores the barometer is at 30.4 ins., and thence eastward the values diminish to about 30.1 ins. in Bohemia. The gradient is moderate over the greater part of the British Isles.

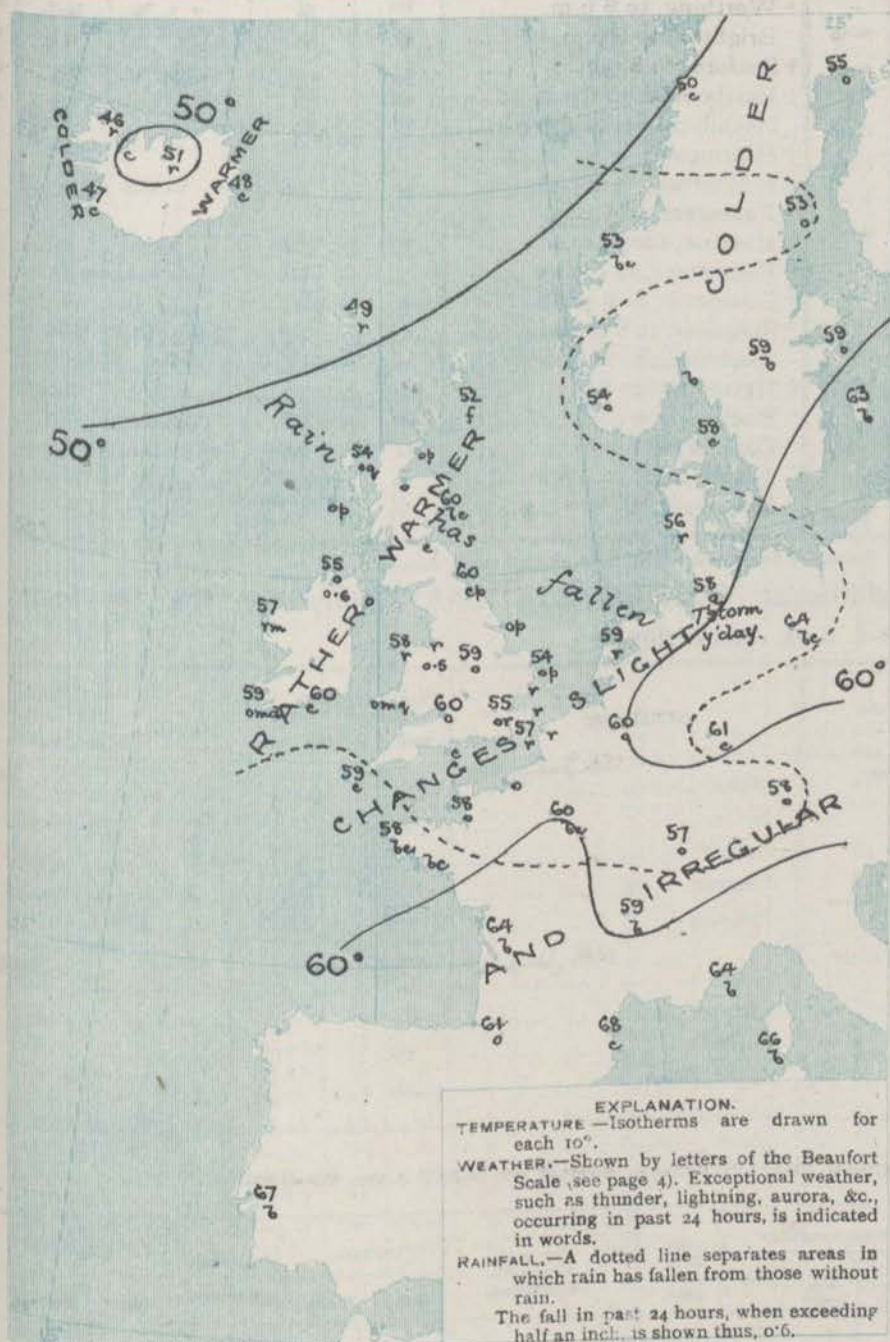
South-westerly to westerly winds are reported over nearly the whole of our area, moderate to very light in force as a rule, but a strong breeze is blowing at Liverpool, Pembroke and Wisby. At the home stations temperature ranges from 52° in Shetland to 60° at Roche's Point, Bath, Shields and Aberdeen; over the western portion of the Continent from 56° at Havre to 68° at Perpignan; in Scandinavia from 50° at Bodö to 63° at Wisby; and in Iceland from 46° to 51°. The weather generally is in a very unsettled state, cloudy to overcast nearly everywhere with rain in many parts of these islands, at Gris Nez, Faro, and in some parts of Iceland. On our own western and northern coasts the atmosphere is misty to foggy. The sea is rather rough off Stornoway and Pembroke, moderate to very smooth on all other coasts.



# CHARTS

16<sup>th</sup> July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M. TO DAY



### NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to between 70° and 72° only at a few places in the south-east of England, and it again failed to reach 60° at stations in the north and north-west. Rain has been general; 0.5 inch at Liverpool and 0.6 inch at Malin Head. Castlebay and Oban report no bright sunshine, a few other places about 1½ hours, the records generally being very variable, ranging up to 10.7 hours at Worthing. Wireless reports from the Atlantic show that steamers experienced light to moderate south-westerly winds, and fair, misty weather as far west as the 22nd Meridian.

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

Under the influence of the Icelandic depression and its secondaries the weather will continue of an unsettled type during the ensuing twenty-four hours.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

0 } Wind variable between N.E. and N.W., fresh at times locally; squally, unsettled, some rain, local coast mist or fog; moderate temperature.

1 }  
2 }  
3 }  
4 }  
5 } S.W. to N.W. winds, fresh or strong at times in places; gusty, unsettled, some rain and thunder, local coast mist or fog; temperature moderate to cool.  
6 }  
7 }  
8 }  
9 }  
10 }

### 11 WESTERN CHANNEL AND BAY

S.W. to N.W. winds, fresh or strong at times; sea smooth to moderate, considerable N.W. swell; changeable, some rain and fog; cool.

### FORECAST DISTRICTS.

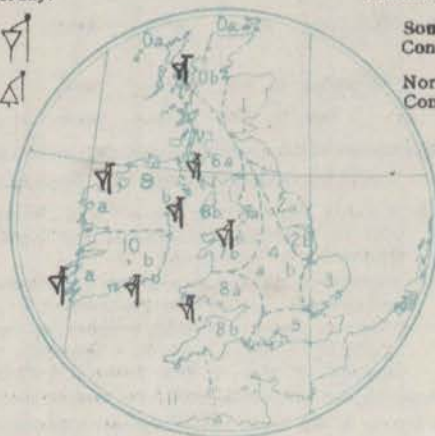
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.  
North Cone.

South Cone.  
North Cone.





## DAILY WEATHER REPORT.

Friday, 16th July, 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	58	51	ot	1.1	-	Worthing, to 6 p.m. ...	65	56	r. c. bc	10.7	0.06
Oban, to 6 p.m. ...	58	51	ot	0.0	0.15	Brighton, to 6 p.m. ...	65	57	"	9.6	0.03
Dublin (City), to 4 p.m. ...	65	56	cp. o	"	0.13	Seaford, to 6 p.m. ...	64	57	c. bc. b	9.2	0.04
Rossall Beach, to 6 p.m. ...	62	54	c	"	-	Eastbourne, to 6 p.m. ...	65	56	"	9.0	0.05
Blackpool, to 9 p.m. ...	63	54	c. c. or	3.2	0.08	Bexhill-on-Sea, to 9 p.m. ...	65	57	"	9.0	"
Southport, to 9 p.m. ...	62	56	ex. b	3.0	0.06	Hastings ...	"	"	"	9.2	"
+ Rhyi, to 6 p.m. ...	64	55	b. or. o	2.5	0.01	Folkestone, to 6 p.m. ...	64	55	m. b. bc. b	9.1	-
+ Colwyn Bay, to 6 p.m. ...	66	56	d. bc. b	4.0	0.03	Ramsgate, to 6 p.m. ...	"	"	"	8.5	0.06
Llandudno, to 9 p.m. ...	64	55	p. o. bc. or	1.4	0.04	Margate, to 6 p.m. ...	70	57	b	6.5	0.07
Bettws-y-Coed, to 6 p.m. ...	65	55	c. b. bc. c	0.1	"	Felixstowe, to 6 p.m. ...	71	56	"	9.9	-
Towyn, to 6 p.m. ...	62	57	"	1.0	"	Lowestoft, to 6 p.m. ...	71	54	c. o. c. o	6.1	-
Aberystwyth, to 6 p.m. ...	61	56	"	0.3	"	Skegness, to 6 p.m. ...	67	57	bc. c	4.0	-
Plymouth, to 9 p.m. ...	"	"	"	"	"	Scarborough, to 9 p.m. ...	64	56	"	1.1	-
Torquay, to 6 p.m. ...	66	55	"	4.5	-	Harrogate, to 6 p.m. ...	62	54	c. o. bc. c	0.3	-
+ Weymouth, to 6 p.m. ...	67	56	bc. b	8.0	0.02	Buxton, to 6 p.m. ...	60	53	c. cpd. c	1.3	0.02
+ Bournemouth, to 6 p.m. ...	69	64	b. bc. c	5.6	-	Darwen, to 9 p.m. ...	61	53	or. b. om	1.8	0.08
Southsea, to 6 p.m. ...	68	54	"	6.9	0.05	Manchester, to 9 p.m. ...	63	57	bc. ad. or	0.2	0.03
						Birmingham, to 9 p.m. ...	66	51	c. o	3.4	-

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 15th July, 1909.	64	57	bc. c	Ins.	Malta ... 15th July, 1909.	76	68	b	Ins.
Copenhagen ...	not received				Berne ...	"	"	c. b	-
Vardö (North Cape) ...	46	45	f. f	-	Zurich ...	"	"	c. b	-
St. Petersburg ...	73	61	b. o	-	Geneva ...	"	"	b. b	-
Vienna ...	64	57	e. c	0.04	Lugano ...	"	"	o. c	-
Buda-Pesth ...	75	50	bc. bc	-	Coire ... 16th July, 1909. 1.30 p.m.	64	"	o	Measured 7.30 p.m.
Hermanstadt ...	70	50	r. o	0.25	Castasegna ...	64	"	b	-
Trieste ...	70	61	bc. o	-	Davos ...	55	"	o	-
Florence ...	50	57	o. bc	-	St. Gothard ...	46	"	b	-
Rome ...	77	56	b. b	-					
Naples ...	75	60	b. b	-					

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Direc.	Force.		Air.	Wet Bulb.	Sea.			Lat.	Long.		Direc.	Force.	
Virginian	14th July 3 p.m.	50 N 28 W	30.21	WSW	1-3	-	"	"	"	"	Ivernia	15th July 4 a.m.	51 N 22 W	30.30	WSW	1-3	-
	" 4 p.m.	50 N 26 W	30.31	WSW	1-3	c	"	"	"	"		" 7 a.m.	51 N 20 W	30.30	WSW	1-3	bc
	15th July 4 a.m.	51 N 22 W	30.30	WSW	1-3	-	"	"	"	"		" 3 p.m.	51 N 16 W	30.26	WSW	4-5	-
	" 7 a.m.	51 N 20 W	30.30	WSW	1-3	bc	"	"	"	"		" 6 p.m.	51 N 15 W	30.24	WSW	4-5	m
	" 3 p.m.	51 N 16 W	30.26	WSW	4-5	-	"	"	"	"							
Ivernia	15th July 4 a.m.	50 N 14 W	30.24	WSW	4-5	-	"	"	"	"	Majestic	15th July 6 p.m.	51 N 10 W	30.13	WSW	4-5	bc
	" 7 a.m.	50 N 15 W	30.25	WSW	4-5	c	"	"	"	"							
H.M.S.	15th July 4 p.m.	51 N 17 W	30.16	WNW	3	o	58	58	59	2							
	" 6 p.m.	50 54 N 8 34 W	30.14	WNW	3	bc	59	58	60	2							

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m., local time, Azores 6 a.m. local time.

(b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
68, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday  
17<sup>th</sup> July, 1909.

STATIONS.	YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
	Barom.	TEMP.	WIND.	Force	Weather.	Barometer.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun-shine.	Rainfall.	
						At 8 <sup>h</sup> Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 19).			Max.	Min.				
Ins.	Dry Bulb.	Direc.	(0 to 12).	Ins.	Ins.	"	"	"	"	"	"	"	"	"	"	"	Hours.	Ins.		
SCANDINAVIA.																				
Haparanda...	29.51	58	SW	2	c	29.54	+0.9	60	57	+5	SW	2	b	*	64	50	*	*		
Hernösand...	29.63	58	S	4	b	29.52	-0.16	59	57	+6	S	4	o	*	64	48	*	*		
Stockholm...	29.69	61	SW	2	c	29.67	-0.3	63	55	+4	SSW	2	o	*	68	55	*	*		
Wisby...	29.74	59	SW	4	c	29.69	-0.7	62	58	-1	S	4	o	*	66	54	*	*		
Karlstad...	29.63	59	SW	4	b	29.56	-0.12	58	57	-1	SW	6	o	*	6	5	*	0.04		
Färder (X'ania Fjord)	29.64	59	SSW	5	c	29.51	-0.19	60	57	+2	SW	4	o	2	63	57	*	*		
Bodö...	29.57	50	SW	3	b	29.29	-0.27	54	50	+4	E	4	b	1	54	45	*	0.28		
Christiansund...	29.56	54	NE	1	c	29.36	-0.33	51	48	-2	WSW	6	c	2	54	50	*	0.12		
Skudesnaes...	29.61	55	S	6	o	29.62	-0.12	52	50	-2	W	2	r	3	55	48	c, o	*		
ISLAND & FAEROE.																				
Isafjord...	29.31	44	NE	7	c	29.54	+0.29	45	*	-1	Z	0	c	*	*	*	*	*		
Reykjavik...	29.13	54	NW	4	bc	29.48	+0.25	45	*	-2	N	2	bc	*	*	*	*	*		
Seydijord...	29.05	50	ENE	4	r	29.35	-0.02	45	*	-3	NE	4	c	*	*	*	*	*		
Thorshavn...	29.34	55	WSW	6	c	29.15	-0.35	48	*	-1	W	5	r	*	*	*	*	*		
BRITISH ISLANDS.																				
Sumburgh Head	29.49	53	W	3	o	29.45	-0.10	51	48	-1	W	5	o	4	56	49	o, cdf, o, cq	2.4	0.01	
Stornoway...	29.67	57	W	5	cq	29.70	+0.13	54	50	0	SW	5	cq	4	58	50	o, om, c, o	3.0	-	
Castlebay (Barra Id.)	29.76	55	WNW	5	c	29.84	+0.19	54	48	-1	WNW	6	o	4	57	51	f, om	*	-	
Malin Head...	29.81	55	WNW	4	omp	29.91	+0.22	55	53	0	NW	4	cm	3	58	53	ome, tem	*	-	
Blacksod Pt. ...	29.94	57	W	3	ome	30.01	+0.17	56	55	-1	W	2	c	2	61	48	om, omd	0.0	0.03	
Valencia...	30.05	58	WSW	2	m	30.12	+0.11	58	58	-1	WSW	3	m	4	60	56	om, omd	0.0	0.03	
GERMANY, &c.																				
Roche's Point...	30.00	63	NNW	4	c	30.11	+0.14	58	57	-2	SE	1	o	2	66	57	c, oq, c, o	*	-	
Birr Castle...	29.93	62	WSW	4	o	30.06	+0.18	57	56	-3	SW	2	o	*	64	52	o	0.0	-	
Donaghadee...	29.83	63	WSW	4	c	29.97	+0.22	56	52	-4	SSW	2	c	1	70	52	bc	*	0.02	
Liverpool Obsy...	29.85	60	WSW	5	o	30.02	+0.24	56	52	-2	WSW	4	o	?	62	54	od, c, ov	0.0	0.06	
Holyhead...	29.88	61	WNW	4	cdf	30.04	+0.22	58	55	0	WNW	3	c	2	63	54	om, cdf	*	0.02	
Pembroke (St. Ann's Hd.)	29.95	57	WSW	4	c	30.07	+0.13	57	56	+1	WSW	2	cgm	4	59	55	vpm, cgm	0.0	-	
FRANCE.																				
Scilly (St. Mary's)	30.08	60	W	5	o	30.15	+0.05	58	55	-1	W	4	om	2	62	57	c, o	0.9	-	
Jersey (St. Aubins)	30.08	59	WSW	5	o	30.16	+0.02	59	59	+1	WSW	5	o	4	66	57	og, cm, omd	1.8	0.01	
Portland Bill	29.95	59	SW	6	om	30.07	+0.07	59	58	+1	SW	4	o	4	60	56	c, om	2.4	-	
Dungeness...	29.87	59	SW	7	o	30.03	+0.04	60	60	+3	WSW	3	o	4	60	56	r, c	0.0	0.54	
Dover...	*	*	*	*	*	30.05	+0.04	64	62	+9	W	1	c	1	65	53	op, bc, c	0.0	0.18	
SPANISH PENIN.																				
Wick...	29.61	57	NW	3	bc	29.62	+0.08	55	50	0	NW	4	bc	2	65	49	-	*	0.12	
Nairn...	29.63	61	WNW	3	c	29.71	+0.17	53	48	-3	WNW	3	c	2	69	51	o, bc, cq	9.2	-	
Aberdeen...	29.63	61	E	1	bc	29.76	+0.21	57	50	-3	SW	1	bc	1	70	52	c, o, c, bc	7.6	-	
Leith...	29.71	65	WNW	4	bc	29.84	+0.24	55	50	-4	WSW	4	c	*	69	53	c, b, bc, b	*	-	
North Shields	29.68	67	W	4	c	29.89	+0.25	58	52	-2	W	3	c	2	72	50	c	6.9	-	
Spurn Head...	29.74	62	W	5	b	29.93	+0.20	59	55	+1	WNW	5	bc	4	64	57	o, bc, g, bc	*	-	
GERMANY, &c.																				
Yarmouth...	29.77	65	W	2	om	29.97	+0.08	61	58	+7	W	3	bc	3	65	53	opm, o	0.0	0.04	
Clacton-on-Sea...	29.83	64	WSW	4	o	30.00	+0.07	63	62	+9	W	3	b	2	65	55	or, op, oqu	0.0	0.18	
Nottingham...	29.81	64	WNW	5	c	29.99	+0.17	61	57	+2	WNW	3	c	*	67	57	o, c, o	1.5	-	
Bath...	29.94	61	W	2	o	30.08	+0.13	61	59	+1	W	1	o	*	62	59	-	0.0	-	
Oxford...	29.92	61	WSW	3	o	30.07	+0.15	63	61	+5	WSW	3	o	*	64	57	r, o, c	*	0.14	
London (St. James's Pl)	29.83	64			oq	30.02	+0.07	62	61	+7	WSW	2	o	*	66	56	or, o, oq	0.0	0.25	
FRANCE.																				
The Scaw (Skagen)	29.65	59	S	3	o	29.59	-0.17	59	57	+1	W	4	o	1	61	55	*	*	-	
Fanö...	29.65	58	W	4	r	29.77	-0.11	57	55	+1	NW	4	bc	*	59	55	*	*	0.39	
Cuxhaven†...	29.77	58	SW	5	r	29.85	-0.08	59	92	+1	W	3	o	*	61	57	r	*	0.32	
The Helder...	29.78	59	WSW	4	r	29.94	+0.02	59	58	0	WNW	3	b	2	59	55	*	*	0.12	
Brussels...	*	*	*	*	*	30.03	-0.01	60	60	0	WNW	1	o	*	63	54	*	*	-	
Berlin†...	29.90	65	2	0	r	29.85	-0.05	59	96	-5	SW	2	r	*	73	59	*	*	0.24	
Frankfurt†...	29.99	62	SW	4	r	30.03	-0.05	57	96	-4	SW	5	r	*	73	56	*	*	6.12	
Munich†...	30.01	64	W	2	c	30.12	-0.01	57	100	-1	W	5	o	*	70	55	*	*	0.12	
FRANCE.																				
C. Gris Nez...	29.91	58	WSW	5	o	30.04	+0.02	59	59	+2	W	3	o	3	59	55	*	*	1.06	
La Hève...	30.05	63	SW	6	o	30.13	+0.00	58	55	+2	W	5	f	5	66	54	*	*	0.08	
Brest...	30.19	60	W	2	o	30.25	+0.05	58	58	0	W	3	f	1	63	55	*	*	0.04	
Lorient...	?	62	WSW	4	o	?	?	59	58	+1	W	3	m	2	66	57	*	*	-	
Rocheport...	30.25	66	NW	2	b	30.19	-0.01	63	60	-1	WNW	2	o	*	68	61	b	*	-	
Blarriz...	30.30	65	NNW	3	b	30.32	+0.04	62	60	+1	N	2	b	1	70	55	*	*	-	
FRANCE.																				
Paris...	30.04	62	SSW	2	r	30.14	+0.00	61	60	+1	WSW	2	o	*	64	56	*	*	0.08	
Belfort...	30.13	63	W	4	o	30.22	+0.07	55	54	-2	W	5	o	*	71	53	*	*	0.08	
Lyons...	30.14	69	NW	1	o	30.26	+0.10	64	58	+5	NW	4	b	*	76	58	*	*	-	
Nice...	30.08	64	SW	2	b	30.13	+0.04	66	60	+2	Z	0	b	1	75	59	*	*	-	
Perpignan...	30.15	73	NW	4	o	30.24	+0.08	69	60	+1	W	3	b	*	78	62	*	*	-	
Sanguinaire...	29.94	73	N	2	bc	29.99	+0.01	73	63	+7	E	2	m	2	*	*	*	*	-	
SPANISH PENIN.																				
Corunna...																				
Lisbon...	30.04	73	WSW	4	b	30.06	+0.04	70	63	+3	NE	4	b	*	82	64	*	*	-	
Azores (P. Delgada) &c.	30.34	67	E	2	b	30.31	-0.07	67	62	0	Z	0	b	3	72	61	*	*	-	
" Horta...	30.36	69	2	0	b	30.31	-0.03	68	64	-2	Z	0	o	1	75	64	*	*	-	



SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

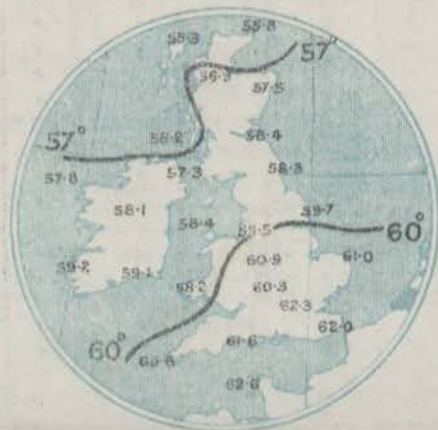
7 A.M. YESTERDAY.



6 P.M. YESTERDAY.



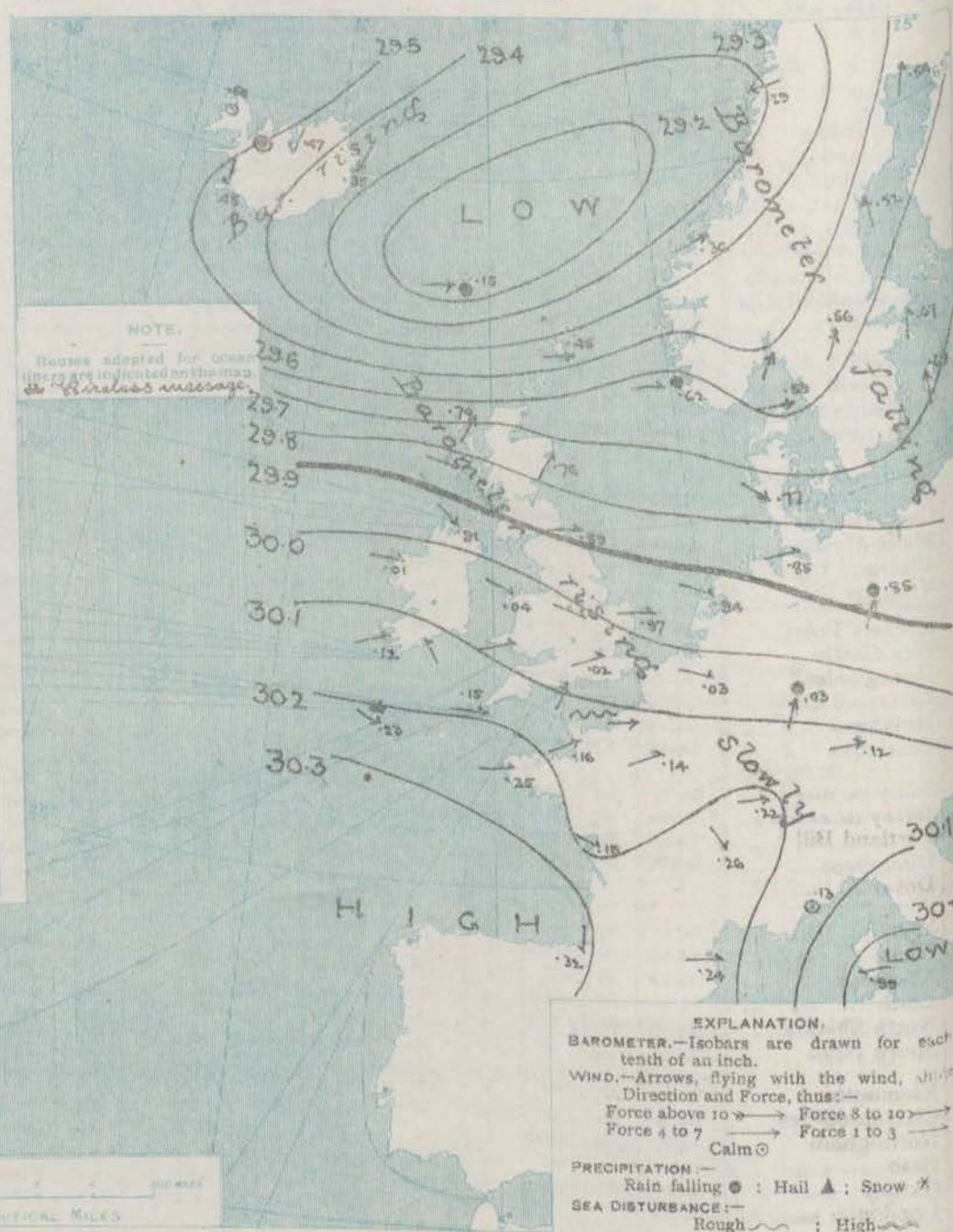
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF JULY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Saturday.

WEATHER 17<sup>th</sup> July.

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A well-marked depression is now centred between Iceland and Norway, with the barometer down to 29.15 ins. in the Faeroe. From the Bay of Biscay to the Azores pressure exceeds 30.3 ins. There is a considerable gradient immediately to the northward of Scotland, elsewhere it is moderate to very slight. From the north of Norway to Iceland easterly to northerly breezes prevail, but over the rest of our area the direction is between South-West and North-West, the force mostly light, but fresh or strong on our extreme northern coasts, and at a few foreign stations. The temperature changes are irregular, at the home stations the values range from 51° in Shetland to between 60° and 65° in most parts of southern and eastern England; over the western part of the Continent from 57° in Southwest Germany to 69° at Perpignan; in Scandinavia from 51° at Christiansund to 53° at Stockholm; and in Iceland from 41° to 45°. The sky is cloudless in the south of France, and in the extreme north of Scandinavia, but in nearly all other regions it is very cloudy or overcast. Rain is falling at some of the German stations, in southern Norway, and locally in the Iceland district. The atmosphere is misty at many of our west coast stations, foggy along the Faeroe coast from Havn to Brest. The sea is rather rough at the mouth of the Seine, moderate to very smooth in other localities.



# CHARTS 17<sup>th</sup> July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M. TO DAY.



### NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 70° or a little above at a few east coast stations in Britain and Ireland. In London the minimum temperature during the night has been as high as 62°. Showers have fallen generally, heavy falls locally, about the Straits of Dover from 1/2 inch to more than 1 inch. At the great majority of stations there was no bright sunshine, but Aberdeen had 7.6 hours, and Mairn 9.2 hours. Wireless reports from the Atlantic show that steamers experienced light to strong westerly winds, and dull, misty weather as far west as the 22nd Meridian.

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

Although the barometer is now rising generally, small shallow irregularities of pressure continue to pass across the country, so that the weather conditions will remain of a changeable character for the present.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 { Fresh to strong S.W. to N.W. winds, moderating later; squally, changeable, some showers, local fog; moderate temperatures.  
 1 { Light to fresh S.W. to N.W. breezes; fair or fine to dull, some showers; moderate temperatures.

- 2 {  
 3 {  
 4 {  
 5 {  
 6 {  
 7 {  
 8 {  
 9 {  
 10 {

Light to moderate breezes between S.W. and N.W.; fair or fine to dull, passing showers, humid and oppressive atmospheres, local coast mist or fog; day temperature below the normal.

### II WESTERN CHANNEL AND BAY

Light to moderate S.W. to N.W. breezes, sea smooth to moderate; fair to dull, local showers, some mist or fog; moderate temperatures.

### FORECAST DISTRICTS.

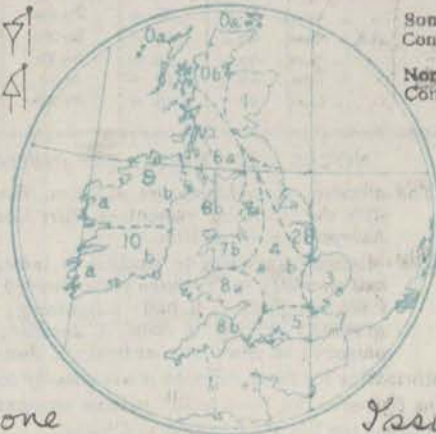
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South  
Cone.  
North  
Cone.

South  
Cone.  
North  
Cone.



None

Issued.



## DAILY WEATHER REPORT.

Saturday, 17th July, 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	60	51	r. bc	0.0	0.52	+ Worthing, to 6 p.m. ...	61	55	r. o	0.0	0.22
Oban, to 6 p.m. ...	60	51	r. bc	1.9	0.67	+ Brighton, to 6 p.m. ...	60	57	r. o	0.0	0.38
Dublin (City), to 4 p.m. ...	66	58	or. c. q. o	0.0	0.03	+ Seaford, to 6 p.m. ...	60	56	r. o	0.0	0.18
Rossall Beach, to 6 p.m. ...	60	56	or. c. p. o	0.0	0.46	+ Eastbourne, to 6 p.m. ...	59	55	r. o	0.0	0.30
Blackpool, to 9 p.m. ...	60	56	or. o. or. bc	0.0	0.45	+ Bexhill-on-Sea, to 9 p.m. ...	63	56	r. c	0.0	0.30
Southport, to 9 p.m. ...	60	55	or. o. or. bc	0.0	1.03	+ Hastings ...	63	54	or. o. or. o	0.0	0.56
+ Rhyi, to 6 p.m. ...	62	52	c. o. r	0.0	0.52	+ Folkestone, to 6 p.m. ...	63	54	or. o. or. o	0.0	0.50
+ Colwyn Bay, to 6 p.m. ...	63	56	or. o. or. o	0.0	0.75	+ Ramsgate, to 6 p.m. ...	63	54	r. om. o	0.1	0.50
Llandudno, to 9 p.m. ...	61	55	or. o	0.0	0.81	+ Margate, to 6 p.m. ...	64	53	r. o	0.0	0.50
Bettws-y-Coed, to 6 p.m. ...	60	55	c. bc. c	4.7	0.0	+ Felixstowe, to 6 p.m. ...	65	53	c. bc. or. o	0.0	0.19
Towyn, to 6 p.m. ...	63	57	r. o	0.0	0.45	+ Lowestoft, to 6 p.m. ...	62	55	bc	1.0	0.01
Aberystwyth, to 6 p.m. ...	61	56	r. o	0.0	0.04	+ Skegness, to 6 p.m. ...	72	53	bc	3.3	0.01
Plymouth, to 9 p.m. ...	67	57	c. bc. om	3.7	0.0	Scarborough, to 9 p.m. ...	65	52	c. or. bc	4.0	0.01
Torquay, to 6 p.m. ...	67	57	c. bc. om	2.4	0.0	+ Harrogate, to 6 p.m. ...	59	52	c. ocl	0.0	0.50
+ Weymouth, to 6 p.m. ...	65	55	c. bc. or. bc	1.2	0.01	+ Buxton, to 6 p.m. ...	57	50	or. om. om	0.0	0.01
+ Bournemouth, to 6 p.m. ...	65	57	r. o	0.0	0.03	Darwen, to 9 p.m. ...	63	55	or. ocl. c. od	0.0	0.01
Southsea, to 6 p.m. ...	65	57	r. o	0.0	0.03	Manchester, to 9 p.m. ...	66	53	r. o. c. o	1.5	0.01
						Birmingham, to 9 p.m. ...					

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 16th July 1909.	64	55	bc. o	Ins.	Malta ... 15th July 1909.	77	66	b	Ins.
Copenhagen ...	64	55	o. c	-	Berne ...	77	66	o. c	0.16
Vardö (North Cape) ...	46	43	f. f	-	Zurich ...	77	66	c. bc	-
St. Petersburg ...	73	63	b. b	-	Geneva ...	77	66	o. bc	-
Vienna ...	70	54	b. b	-	Lugano ...	77	66	bc. c	1.10
Buda-Pesth ...	79	59	b. bc	-	Coire ... 15th July 1909.	70	50	b	Measured 7.30 a.m.
Hermanstadt ...	75	52	o. bc	-	Castasegna ...	70	50	b	-
Trieste ...	73	59	b. b	-	Davos ...	59	50	bc	-
Florence ...	82	57	b. o	-	St. Gothard ...	52	50	b	-
Rome ...	78	60	b. b	-					
Naples ...	75	63	b. b	-					

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
St. Louis, { 14th July 4am	45 N	28 W	30.17	WSW	1-3	-	0	0	0	-	St. Louis, { 14th July 4am	45 N	28 W	30.17	WSW	1-3	-
" " 7am	45 N	28 W	30.21	SSW	1-3	0	0	0	0	-	" " 7am	45 N	28 W	30.21	SSW	1-3	0
Majestic, { 16th July 4am	50 N	15 W	30.08	W	6-7	-	0	0	0	-	Majestic, { 16th July 4am	50 N	15 W	30.08	W	6-7	-
" " 7am	50 N	16 W	30.11	WSW	6-7	0	0	0	0	-	" " 7am	50 N	16 W	30.11	WSW	6-7	0
Montrose, { 16th July 3pm	50 N	10 W	30.00	W	6-7	m	0	0	0	-	Montrose, { 16th July 3pm	50 N	10 W	30.00	W	6-7	m
" " 6pm	50 N	11 W	30.00	W	6-7	m	0	0	0	-	" " 6pm	50 N	11 W	30.00	W	6-7	m
St. Paul, { 15th July 3pm	48 N	27 W	30.43	WSW	1-3	-	0	0	0	-	St. Paul, { 15th July 3pm	48 N	27 W	30.43	WSW	1-3	-
" " 6pm	48 N	26 W	30.44	W	1-3	-	0	0	0	-	" " 6pm	48 N	26 W	30.44	W	1-3	-
" " 4am	49 N	21 W	30.22	W	4-5	-	0	0	0	-	" " 4am	49 N	21 W	30.22	W	4-5	-
" " 7am	49 N	20 W	30.33	WSW	1-3	0	0	0	0	-	" " 7am	49 N	20 W	30.33	WSW	1-3	0
" " 3pm	49 N	17 W	30.27	W	4-5	0	0	0	0	-	" " 3pm	49 N	17 W	30.27	W	4-5	0
" " 6pm	48 N	15 W	30.25	W	4-5	0	0	0	0	-	" " 6pm	48 N	15 W	30.25	W	4-5	0

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 651 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- \* Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
63, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

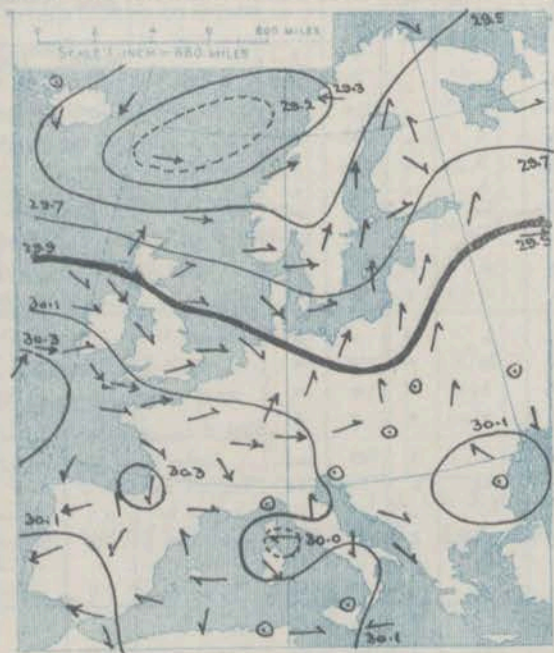
Sunday  
18th July 1909

STATIONS.	YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
	Barom.	Temp.	Wind.	Force (0 to 12).	Weather.	Barometer.	Temperature.			Wind.	Force (0 to 12).	Weather.	Sea (0 to 9).	Temp.		Weather.	Sun. shins.	Rainfall.	Hours.	Ins.
	At 32° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Dir.			At 32° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.			Max.	Min.					
	Ins.	"	"			Ins.	Ins.	"	"	"	"	"	"	"	"					
SCANDINAVIA.	Haparanda...	29.42	59	2	0	0	29.23	-31	63	56	+3	5	6	0	66	50	*	*	*	*
	Hernösand...	29.42	50	5	3	c	29.43	-09	56	49	-3	?WSW	6	c	63	50	*	*	0.63	*
	Stockholm...	29.47	59	W	4	c	29.66	-01	60	52	-3	W	6	b	68	54	*	*	0.04	*
	Wishy...	29.59	60	SW	8	b	29.78	+29	60	54	-2	W	6	b	64	?	*	*	*	*
	Karlstad...	29.53	60	SW	8	b	29.72	+16	59	51	+1	SW	6	b	*	*	*	*	0.04	*
	Färder (X'ania Fjord)	29.57	62	WSW	6	b	29.76	+25	58	53	-2	WSW	6	bc	64	55	*	*	*	*
	Bodö...	29.33	50	SW	1	r	29.37	+08	48	46	-6	SW	1	r	54	46	*	*	0.57	*
ICELAND & FAEROE.	Christiansund...	29.35	51	WSW	7	r	29.61	+25	50	46	-1	WSW	7	0	54	46	*	*	0.32	*
	Skudesnaes...	29.74	54	W	6	0	29.84	+22	54	53	+2	W	2	0	55	50	c, 0	*	0.39	*
	Isafjord...	29.53	47	2	0	r	29.56	+02	50	*	+5	2	0	b	*	*	*	*	*	*
	Reykjavik...	29.58	51	WNW	1	b	29.46	-02	48	*	+3	E	3	bc	*	*	*	*	*	*
	Seydisfjord...	29.51	54	NE	3	bc	29.59	+24	43	*	-2	2	0	b	*	*	*	*	*	*
	Thorshavn...	29.59	51	W	5	c	29.61	+46	50	*	+2	W	5	c	*	*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	29.69	52	WSW	6	c	29.73	+28	51	49	0	W	3	c	3	55	49	0. c	*	0.02
	Stornoway...	29.87	55	WSW	6	0	29.88	+18	55	51	+1	W	5	bcq	4	59	50	bcq, 0. c, bcq	6.2	-
	Castlebay (Barra Id.)	29.94	54	WNW	4	op	29.96	+12	54	50	0	WNW	4	bc	4	57	50	0. c, opm, bc	2.2	0.04
	Malin Head...	29.98	58	W	3	0	30.00	+09	52	52	-3	NW	4	vgpm	3	60	50	bc, opm, f	*	0.12
	Blackod Pt. ...	30.01	60	WSW	5	0	30.10	+09	55	54	-1	NW	2	op	2	62	53	bc, am, opm	*	0.03
	Valencia...	30.19	61	SW	4	m	30.17	+05	60	60	+2	SW	3	m	4	65	58	m	0.8	0.04
	Roche's Point...	30.16	65	W	2	c	30.18	+07	60	59	+2	WSW	4	bc	4	68	56	og, c, bc	*	-
	Birr Castle...	30.09	64	SW	5	0	30.10	+04	61	60	+4	SW	4	dm	*	66	56	cp, 0	1.0	0.01
	Donaghadee...	30.02	56	N	2	c	30.01	+04	60	58	+6	NW	3	0	3	63	54	bc, 0, cp	*	0.02
	Liverpool Obsy...	30.11	60	W	2	0	30.08	+06	63	58	+7	SW	3	bc	3	64	56	bc, 0	5.6	-
	Holyhead...	30.09	59	SW	3	om	30.10	+06	58	57	0	SW	4	0	3	64	56	cm, om	*	-
	Pembroke (St. Ann's Hd.)	30.15	56	SW	3	f	30.20	+13	55	55	-2	WSW	4	df	4	60	54	cg, m, f	1.5	0.01
	Scilly (St. Mary's)...	30.24	61	W	4	c	30.29	+14	57	55	-1	WNW	4	0	2	63	56	c	0.1	-
	Jersey (St. Aubins)...	30.26	59	W	4	0	30.31	+15	57	56	-2	W	3	m	3	64	55	og, m, vdp, f	0.0	0.01
	Portland Bill...	30.16	60	WSW	3	bc	30.21	+14	58	58	-1	WSW	2	0	3	61	58	c, bc	5.6	-
	Dungeness...	30.12	61	NNW	5	bc	30.20	+17	61	60	+1	WSW	4	0	4	63	58	c, bc, 0, c	2.0	-
GERMANY, & C.	Dover...	*	*	*	*	*	30.21	+16	62	60	-2	W	3	c	2	67	58	c, op, c, bc, b	3.3	0.01
	Wick...	29.82	56	NW	3	bc	29.84	+22	53	50	-2	W	2	c	1	63	49	-	*	-
	Nairn...	29.88	57	W	2	c	29.87	+16	52	50	-1	2	0	0	1	62	50	cq, c, 0	7.3	0.01
	Aberdeen...	29.89	61	W	4	0	29.88	+12	54	52	-3	WNW	1	0	1	66	52	bg, bc, 0, 0	9.0	0.08
	Leith...	29.96	62	WSW	3	bc	29.87	+03	60	58	+5	WNW	3	c	*	64	52	c, bc, bcp	*	0.06
	North Shields...	30.01	64	W	3	c	29.93	+04	65	60	+7	SW	3	0	2	66	55	c	7.0	-
	Spurn Head...	30.06	65	W	2	b	30.06	+13	63	59	+4	SW	4	bc	4	66	53	c, bc	*	-
	Yarmouth...	30.08	62	SE	3	bc	30.13	+16	62	60	+1	W	2	bc	3	73	56	bc	14.0	-
	Clacton-on-Sea...	30.08	74	WSW	2	b	30.18	+18	62	60	-3	WSW	4	m	2	75	58	b, bc, bc, om	14.1	-
	Nottingham...	30.08	68	W	3	b	30.11	+12	63	61	+2	W	4	c	*	72	58	bc, b, bc	10.2	-
	Bath...	30.20	63	W	1	0	30.25	+17	61	58	0	W	3	0	*	70	59	-	3.2	0.01
	Oxford...	30.16	64	W	4	0	30.20	+13	64	60	+1	SW	4	c	*	73	59	bc, b, 0	*	-
	London (St. James's PK)	30.11	70	W	3	0	30.19	+17	62	59	0	WSW	3	c	*	74	60	c, bc, c, 0	2.7	-
	The Scaw (Skagen)	29.76	57	W	9	c	29.88	+29	58	54	-1	WNW	6	0	2	63	55	*	*	-
	Fanö...	30.02	55	WNW	4	bc	30.05	+28	62	57	+5	W	4	b	*	63	54	*	*	-
	Cuxhaven†...	?	59	W	5	c	30.13	+28	59	53	0	S	2	b	*	64	54	*	*	-
FRANCE.	The Helder...	30.13	58	W	1	b	30.14	+20	60	60	+1	SW	2	0	*	61	52	*	*	-
	Brussels...	*	*	*	*	*	30.23	+20	61	60	+1	WSW	1	0	*	69	59	*	*	-
	Berlin†...	29.98	67	SW	3	c	30.21	+36	59	78	0	W	3	b	*	72	54	*	*	0.04
	Frankfurt†...	30.18	64	SW	3	c	30.24	+21	65	89	+8	SSW	4	0	*	66	55	*	*	0.04
	Munich†...	30.25	60	W	3	0	30.30	+18	64	82	+7	SW	2	c	*	64	57	*	*	0.04
	C. Gris Nez...	30.16	59	S	2	0	30.22	+18	59	57	0	WSW	3	c	3	63	57	*	*	-
	La Hève...	30.25	61	W	4	0	30.29	+16	59	55	+1	SW	4	0	4	63	54	*	*	0.04
	Brest...	30.32	59	NW	3	m	30.34	+09	56	56	-2	WNW	1	m	1	63	54	*	*	-
	Lorient...	?	63	W	3	c	?	?	57	57	-2	ENE	2	m	2	66	55	*	*	-
	Rochefort...	30.30	67	WNW	3	b	30.29	+10	67	66	+4	E	1	c	*	70	743	c, b	*	-
	Biarritz...	30.27	67	NNE	4	b	30.26	-06	66	63	+4	2	0	b	1	70	61	*	*	-
	Paris...	30.22	66	W	2	0	30.30	+16	62	60	+1	NW	1	0	*	68	61	*	*	-
	Belfort...	30.30	58	WSW	4	r	30.34	+12	61	60	+6	WSW	3	f	*	63	755	*	*	0.04
	Lyons...	30.26	73	NNE	1	?	30.31	+05	66	62	+2	N	1	0	*	79	61	*	*	-
	Nice...	30.15	68	W	2	b	30.21	+08	69	61	+3	2	0	b	0	81	61	*	*	-
	Perpignan...	30.17	82	NW	2	b	30.21	-03	73	64	+4	2	0	b	*	87	64	*	*	-
SPANISH PENIN.	Sanguinaire...																			
	Corunna...	30.25	66	N	5	b	30.17		66	63		NNE	1	b	3	73	57	*	*	-
	Lisbon...	30.02	82	WSW	4	b	30.07	+01	77	66	+7	ENE	1	b	*	90	770	*	*	-
	Azores (P. Delgada)...	30.30	63	NNW	1	0	30.29	-02	768	63	+1	ENE	1	c	3	75	64	*	*	0.04
SPANISH PENIN.	" Horta...	30.34	67	NW	2	b	30.32	+01	68	63	0	NNW	1	b	1	75	64	*	*	-

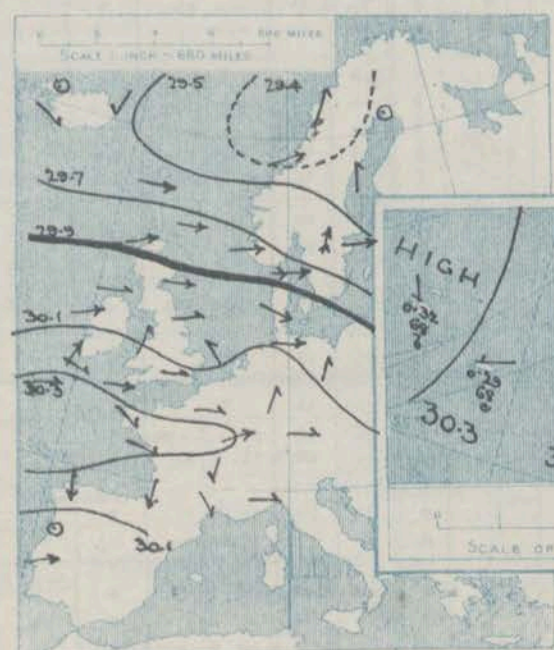


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

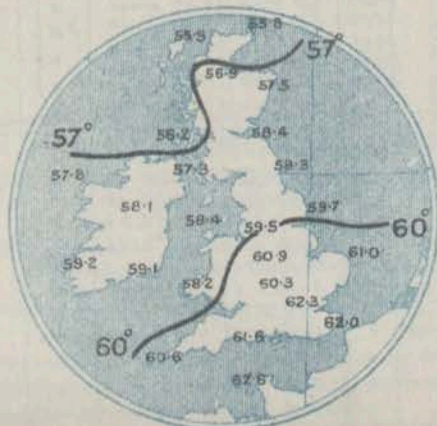
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



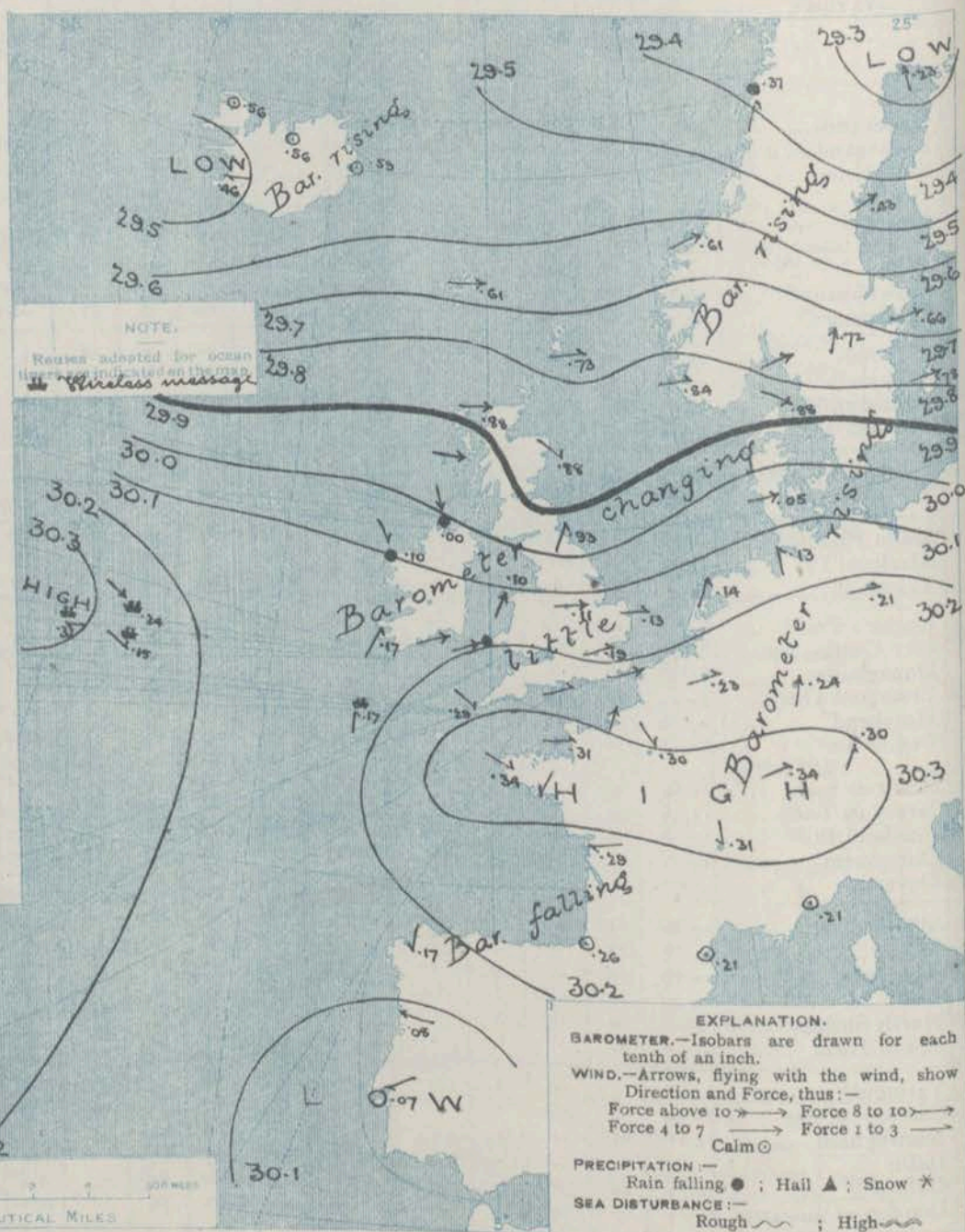
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF JULY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Sunday.

WEATHER 18<sup>th</sup> July.

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The anticyclone recently noticed between France and the Azores appears to have become divided by a region of lower pressure lying off the Portuguese and our own extreme southwest coasts. The portion still existing over France shows, however, a tendency to spread northwards, and the barometer is rising over western Europe generally, but falling in Spain and the southwest of France.

W<sup>ly</sup> or S.W. winds are reported over North-western Europe generally and blow strongly in Scandinavia, but in the north of Ireland the wind has shifted to the N.W. Calms or light E. breezes prevail in the west and south of France. Temperature has risen in most localities, but has fallen in the east of Scotland and in Scandinavia.

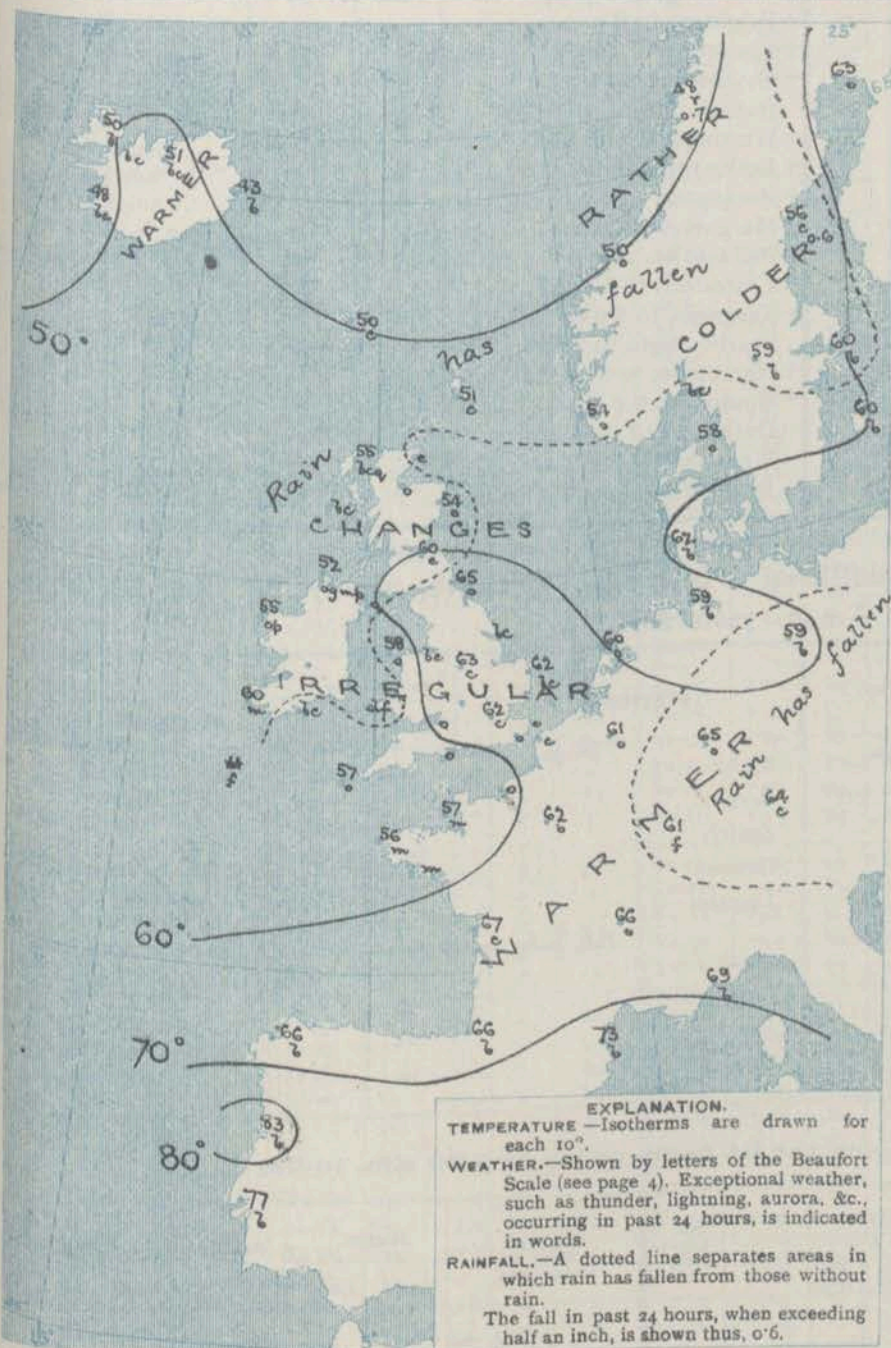
Over the greater part of England the thermometer is now above 60°, and at Shields it is as high as 65°; in the northern parts of Ireland and Scotland it is below 55°. The weather is generally cloudy, with fog and drizzling rain at Penbrooke, and showers in many parts of England. In Northern Germany, the south of Sweden and the extreme south of France the sky is clear. The sea is moderate or slight on all coasts.



# CHARTS

18<sup>th</sup> July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M. TO DAY.



### NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to 70° and upwards in many parts of our eastern and southern counties and to 75° at Clacton-on-Sea and Felixstowe. At most of the coast stations (excepting those in the east of England) it failed to reach 65°. The amount of bright sunshine was generally small, but more than 12 hours were recorded on our east coasts, and more than 13½ hours at Skegness. Showers have fallen in many parts of the United Kingdom.

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

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 { a  
b
- 1
- 2 { a  
b
- 3
- 4 { a  
b
- 5
- 6 { a  
b
- 7 { a  
b
- 8 { a  
b
- 9 { a  
b
- 10 { a  
b

11 WESTERN CHANNEL AND BAY

### FORECAST DISTRICTS.

Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South  
Cone.

South  
Cone.

North  
Cone.

North  
Cone.



None

issued.



## DAILY WEATHER REPORT.

Sunday, 18th July, 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
+ Stonehaven, to 6 p.m. ...	68	49		9.2	-	+ Worthing, to 6 p.m. ...	68	58	o. c	5.3	9
Oban, to 6 p.m. ...	59	51	bc. o	0.5	-	+ Brighton, to 6 p.m. ...					
Dublin (City), to 4 p.m. ...	67	56	c. b. o. c		-	+ Seaford, to 6 p.m. ...	65	58	c.	4.8	-
Rossall Beach, to 6 p.m. ...	62	55	c		-	+ Eastbourne, to 6 p.m. ...				6.6	-
Blackpool, to 9 p.m. ...	63	55	c. o	11.0	-	Bexhill-on-Sea, to 9 p.m. ...	66	58	c	5.2	-
Southport, to 9 p.m. ...	63	55	bc. c. o	8.0	-	+ Hastings ...				3.6	-
+ Rhyi, to 6 p.m. ...	66	56	o. c. r. o	6.0	0.01	+ Folkestone, to 6 p.m. ...	66	59	o. b. bc. b	2.7	-
+ Colwyn Bay, to 6 p.m. ...	69	56	o. c	4.0	-	+ Ramsgate, to 6 p.m. ...				5.4	-
Llandudno, to 9 p.m. ...	69	55	o. bc. c	5.3	0.09	+ Margate, to 6 p.m. ...	71	54	b. o. b	5.3	-
Bettws-y-Coed, to 6 p.m. ...						+ Felixstowe, to 6 p.m. ...	75	60		12.4	0.01
Towyn, to 6 p.m. ...	65	58	p. bc. c	1.4	0.02	+ Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	64	56		1.0	-	+ Skegness, to 6 p.m. ...	70	60	b. bc	13.6	-
Plymouth, to 9 p.m. ...	68	59	o	0.0	-	Scarborough, to 9 p.m. ...	72	53	bc.	9.7	-
Torquay, to 6 p.m. ...	73	60		4.2	-	+ Harrogate, to 6 p.m. ...	64	53	bc. c. b	8.9	-
+ Weymouth, to 6 p.m. ...	69	58	c. b	5.6	-	+ Buxton, to 6 p.m. ...	63	52	od. c. b	10.2	0.01
+ Bournemouth, to 6 p.m. ...	71	59	og. bc. o	0.8	0.01	Darwen, to 9 p.m. ...	63	52	bc. o	8.0	-
Southsea, to 6 p.m. ...						Manchester, to 9 p.m. ...	66	55	bc. o. bc. b. o	5.8	-
						Birmingham, to 9 p.m. ...	71	58	c. b. c. r. c	6.5	0.01

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 17th July, 1909.	61	57	r. o	Ins. 2.4	Malta ... 17th July, 1909.	71	64	b	Ins. 1.0
Copenhagen ...	64	57	o. m	0.04	Berne ...				
Vardö (North Cape) ...	54	45	r. o	-	Zurich ...			o. o	0.04
St. Petersburg ...	70	59	bc. o	-	Geneva ...			o. r	0.24
Vienna ...	73	61	bc. r	-	Lugano ...			b. o	-
Buda-Pesth ...	81	61	b. b	-				b. o	-
Hermanstadt ...	75	52	b. b	-	Coire ... 16th July, 1909.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m. 0.35
Trieste ...	75	59	b. b	-	Castasegna ...	64		o	
Florence ...	84	57	b. b	-	Davos ...	63		o	0.20
Rome ...	82	61	b. b	-	St. Gothard ...	55		o	0.20
Naples ...	78	64	c. b	-		46		o	0.20

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
Columbia { 15th July, 3pm	0	0	Ins.	WSW	4-5	-	0	0	0		Kronland { 17th July 4am	48 N	21 W	Ins.	SW	4-5	
16th July 6am	52 N	30 W	29.90	WSW	4-5	-					7am	48 N	20 W	30.06	SW	4-5	
16th July 10am	53 N	26 W	29.91	NW	4-5	-					3pm	48 N	17 W	30.15	SW	4-5	
16th July 3pm	53 N	28 W	29.88	NW	4-5	o					6pm	49 N	16 W	30.20	SSW	1-3	
Monmouth { 16th July 4am	51 N	12 W	30.04	W	6-7	-					18th July 4am	49 N	12 W	30.17	WSW	1-3	
7am	51 N	13 W	30.05	W	6-7	m					7am	49 N	11 W	30.17	S	1-3	
16th July 4am	51 N	14 W	30.11	WSW	4-5	-					15th July 10am	49 N	26 W	30.43	SW	4-5	
Cymric { 7am	50 N	15 W	30.12	WSW	6-7	o					7am	49 N	35 W	30.42	SW	4-5	
3pm	50 N	17 W	30.18	WSW	6-7	-					3pm	46 N	32 W	30.46	SW	4-5	
6pm	50 N	18 W	30.20	WSW	6-7	o					6pm	46 N	31 W	30.45	SW	4-5	
Majestic { 16th July 3pm	50 N	20 W	30.17	WSW	6-7	-					16th July 4am	47 N	27 W	30.45	SW	4-5	
6pm	49 N	21 W	30.19	W	6-7	c					7am	47 N	26 W	30.45	SW	4-5	
Dominion { 17th July 4am	51 N	12 W	30.10	W	4-5	m					3pm	48 N	24 W	30.36	W	4-5	
7am	51 N	13 W	30.12	W	4-5	-					6pm	48 N	22 W	30.26	W	1-3	
Montrose { 17th July 4am	50 N	13 W	30.07	W	?	o					17th July 4am	49 N	18 W	30.25	W	4-5	
7am	50 N	14 W	30.07	W	?	-					7am	49 N	17 W	30.31	SSW	6-7	
Empress of Ireland { 17th July 4am	55 N	9 W	29.99	WNW	4-5	-					3pm	49 N	18 W	30.35	SSW	4-5	
7am	55 N	10 W	30.01	WNW	1-3	b					6pm	49 N	15 W	30.35	WSW	1-3	
16th July 4am	46 N	20 W	30.25	SW	4-5	-					16th July 4am	49 N	12 W	30.35	W	4-5	
7am	46 N	23 W	30.21	SW	4-5	-					7am	49 N	25 W	30.31	W	4-5	
6pm	47 N	25 W	30.20	SW	4-5	-					8pm	49 N	22 W	30.28	W	4-5	
	47 N	25 W	30.20	SW	4-5	-					17th July 4am	49 N	20 W	30.29	WSW	4-5	
											7am	50 N	20 W	30.21	WNW	4-5	
											3pm	50 N	18 W	30.22	WNW	4-5	
											6pm	51 N	11 W	30.24	WSW	4-5	
												51 N	10 W	30.22	WNW	4-5	

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 8 a.m. local time.

(b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
68, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday  
19th July 1909

STATIONS.	YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
	Barom.	Temp.	Wind.		Weather.	Barometre.	Temperature.			Wind.		Weather.	Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.		
			Dirac.	Force (0 to 19).			Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).			Max.	Min.					
																			At 8 <sup>30</sup> P.M. and M.S.L. Lat. 45°	Dry Bulb.
Ins.	"	"	"	"	Ins.	Ins.	"	"	"	"	"	"	"	"	"	"	"	"		
SCANDINAVIA.																				
Haparanda...	29.17	54	SE	2	r	29.09	-10	54	50	-9	NE	4	0	63	52	"	"	0.47		
Hernösand...	29.51	55	W	4	b	29.49	+06	54	48	-2	W	2	0	64	46	"	"	-		
Stockholm...	29.67	59	SW	6	b	29.66	-00	59	54	-1	W	6	0	68	55	"	"	-		
Wisby...	29.78	58	WSW	6	r	29.74	-04	59	54	-1	WNW	8	0	64	52	"	"	0.08		
Karlstad...	29.71	59	SW	4	b	29.75	+03	57	49	-2	W	6	0	59	54	"	"	-		
Färder (X'ania Fjord)	29.70	63	WSW	4	b	29.78	+02	59	51	+1	W	4	0	59	54	"	"	-		
Bodö...	29.50	60	SW	4	c	29.51	+14	50	48	+2	SW	4	0	52	46	"	"	0.08		
Christiansund...	29.68	46	NW	4	r	29.73	+12	49	45	-1	W	3	0	52	46	"	"	0.47		
Skudesnaes...	29.90	54	NW	4	c	29.91	+07	53	50	-1	WNW	6	0	55	50	bc. c	"	0.04		
ICELAND & FAEROE.																				
Isafjord...	29.68	56	Z	0	bc	29.84	+28	50	"	0	Z	0	0	"	"	"	"	"		
Reykjavik...	29.62	54	W	1	bc	29.83	+37	51	"	+3	Z	0	0	"	"	"	"	"		
Seydisfjord...	29.67	58	NE	5	bc	29.82	+23	48	"	+5	E	2	0	"	"	"	"	"		
Thorshavn...	29.75	53	W	3	0	29.84	+23	47	"	-3	NNE	3	0	"	"	"	"	"		
BRITISH ISLANDS.																				
Sumburgh Head	29.84	56	W	4	bc	29.84	+11	49	46	-2	W	2	0	56	47	bc	0	0.01		
Stornoway...	30.02	57	W	6	bcq	30.04	+16	55	51	0	W	5	0	59	50	cap. bcq	10.5	0.13		
Castlebay (Barra Id.)	30.10	56	WNW	5	bc	30.13	+17	54	51	0	WNW	4	0	57	51	bcq. op. bc. c	8.9	0.02		
Malin Head...	30.17	55	WSW	4	agm	30.18	+18	55	53	+3	WNW	6	0	60	51	agm. gpm	"	0.03		
Blacksod Pt.	30.26	58	W	3	c	30.31	+21	57	55	+2	WSW	4	0	62	52	bc. c. bc	"	-		
Valencia...	30.31	59	NW	3	bc	30.42	+25	56	52	-4	NW	1	0	62	52	0	5.0	-		
Roche's Point...	30.26	63	N	4	c	30.39	+21	54	51	-6	N	3	0	69	50	f. c. b	"	-		
Birr Castle...	30.23	64	WSW	3	bc	30.36	+26	57	53	-4	SW	4	0	68	48	p. bc	3.8	0.02		
Donaghadee...	30.20	60	E	2	bc	30.25	+24	53	51	-7	WSW	2	0	63	49	bc	"	-		
Liverpool Obsy...	30.20	60	WNW	1	c	30.27	+19	56	55	-7	WSW	4	0	64	54	b. op. o. b	6.6	0.03		
Holyhead...	30.20	60	Z	0	bc	30.30	+20	60	55	+2	W	3	0	63	52	cp. bc	"	0.02		
Pembroke (St. Ann's Hd.)	30.22	56	SW	3	f	30.31	+11	56	54	+1	NNE	4	0	59	53	f. d. em. f	0.0	-		
GERMANY, & C.																				
Scilly (St. Mary's)	30.30	60	WNW	3	om	30.34	+05	56	53	-1	NNW	4	0	63	55	o. om	0.0	-		
Jersey (St. Aubins)	30.31	58	W	3	0	30.31	-00	57	57	0	WNW	2	0	64	54	om. agm. f	0.8	-		
Portland Bill	30.22	58	SSW	4	f	30.26	+05	61	60	+3	NNW	2	0	62	57	c. f	9.3	-		
Dungeness...	30.19	61	SW	5	c	30.24	+04	60	58	-1	N	2	0	63	56	f. w. c	8.2	0.01		
Dover...	"	"	"	"	"	30.25	+04	60	57	-2	N	3	0	67	51	c. bc. b. c. o	7.6	0.01		
Wick...	29.98	53	NW	4	bc	29.95	+11	51	49	-2	NW	4	0	61	48	"	"	0.08		
Nairn...	30.02	57	W	3	c	30.01	+14	54	49	+2	W	4	0	62	45	o. bcq. cq	5.7	-		
Aberdeen...	30.02	61	WNW	2	bc	30.04	+16	53	50	-1	SW	1	0	65	48	c. bc. c	8.1	-		
Leith...	30.09	62	WNW	4	bc	30.11	+24	57	51	-3	WSW	4	0	66	52	c. bc. b. bc	"	-		
North Shields	30.09	66	W	3	c	30.15	+22	56	52	-9	WSW	3	0	70	49	p. c	8.1	-		
Spurn Head...	30.11	62	W	3	bc	30.20	+14	57	53	-6	W	4	0	67	53	c. bc. c	"	-		
Yarmouth...	30.13	72	WSW	3	bc	30.21	+08	59	54	-3	NW	3	0	75	54	bc	8.0	0.02		
Clacton-on-Sea	30.16	74	WSW	3	bc	30.26	+08	60	55	-2	WNW	2	0	76	55	om. bc. b	8.5	-		
Nottingham...	30.16	64	WNW	4	c	30.25	+14	57	54	-6	W	2	0	73	48	c	6.6	-		
Bath...	30.19	64	W	1	bc	30.21	+06	64	60	+3	NW	1	0	60	58	"	6.9	-		
Oxford...	30.22	64	WSW	3	c	30.29	+09	62	53	-2	NNW	1	0	73	55	bc. cp. bc	"	0.02		
London (St. James's Park)	30.17	72	W	2	bc	30.25	+08	62	55	0	NNE	1	0	75	60	c. bc. b. bc	8.1	-		
FRANCE.																				
The Scaw (Skagen)	29.80	56	WNW	5	b	29.88	-00	56	53	-2	WNW	6	0	61	52	"	"	0.24		
Fanö...	30.03	54	NW	4	bc	30.03	+03	58	54	-4	WNW	4	0	64	54	"	"	-		
Cuxhaven†...	30.09	64	W	4	0	30.13	-00	59	55	0	W	1	0	66	57	"	"	-		
The Helder...	30.16	60	WSW	3	0	30.18	+04	60	57	0	NW	1	0	64	57	"	"	0.04		
Brussels...	"	"	"	"	"	30.22	-01	57	57	-4	SW	1	0	73	53	"	"	-		
Berlin†...	30.12	71	W	1	c	30.06	-15	65	75	+6	W	4	0	75	75	75q	"	-		
Frankfurt†...	30.21	67	SW	2	b	30.19	-05	65	84	0	SSW	1	0	72	61	"	"	-		
Munich†...	30.25	67	NW	1	0	30.20	-10	68	79	+6	NE	2	0	72	61	"	"	-		
SPANISH PENIN.																				
C. Gris Nez...	30.20	59	SSW	3	c	30.25	+03	58	58	-1	Z	0	0	63	57	"	"	-		
La Hève...	30.28	64	NNW	1	b	30.22	+03	57	55	-2	WNW	1	0	64	52	"	"	-		
Brest...	30.32	59	NW	3	m	30.35	+01	56	55	0	NNW	2	0	64	50	"	"	-		
Lorient...	"	68	W	2	b	"	"	59	56	+2	NE	1	0	73	57	"	"	-		
Rochefort...	30.21	75	NNW	2	b	30.22	-07	68	67	+1	NNE	3	0	77	54	c. b	"	-		
Biarritz...	30.15	72	NE	2	b	30.21	-05	67	64	+1	SW	4	0	73	64	"	"	-		
Paris...	30.26	69	WSW	1	b	30.27	-03	57	57	-5	N	2	0	72	55	"	"	-		
Belfort...	30.27	68	WSW	3	0	30.26	-04	64	61	+2	Z	0	0	72	58	"	"	-		
Lyons...	30.29	74	NNW	1	b	30.23	-08	65	62	+3	N	1	0	78	59	"	"	-		
Nice...	30.17	69	Z	0	b	30.16	-08	69	62	-1	S	6	0	81	64	"	"	-		
Perpignan...	30.16	82	NE	1	b	30.18	-05	69	66	0	Z	0	0	83	59	"	"	-		
Sanguinaire...	30.04	75	N	2	b	30.02	"	75	65	"	Z	0	0	"	"	"	"	-		
SPANISH PENIN.																				
Corunna...	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
Lisbon...	30.04	82	ENE	4	b	30.11	+04	73	66	-4	NNE	3	0	78	66	"	"	-		
Azores (P. Delgada)...	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	-		
" Horta...	30.40	69	NNE	1	b	30.39	+07	68	64	0	NNE	3	0	75	66	"	"	-		



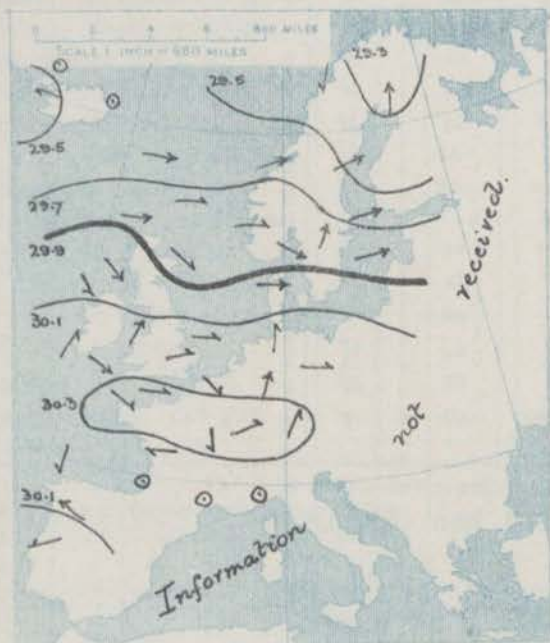
SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

Monday,

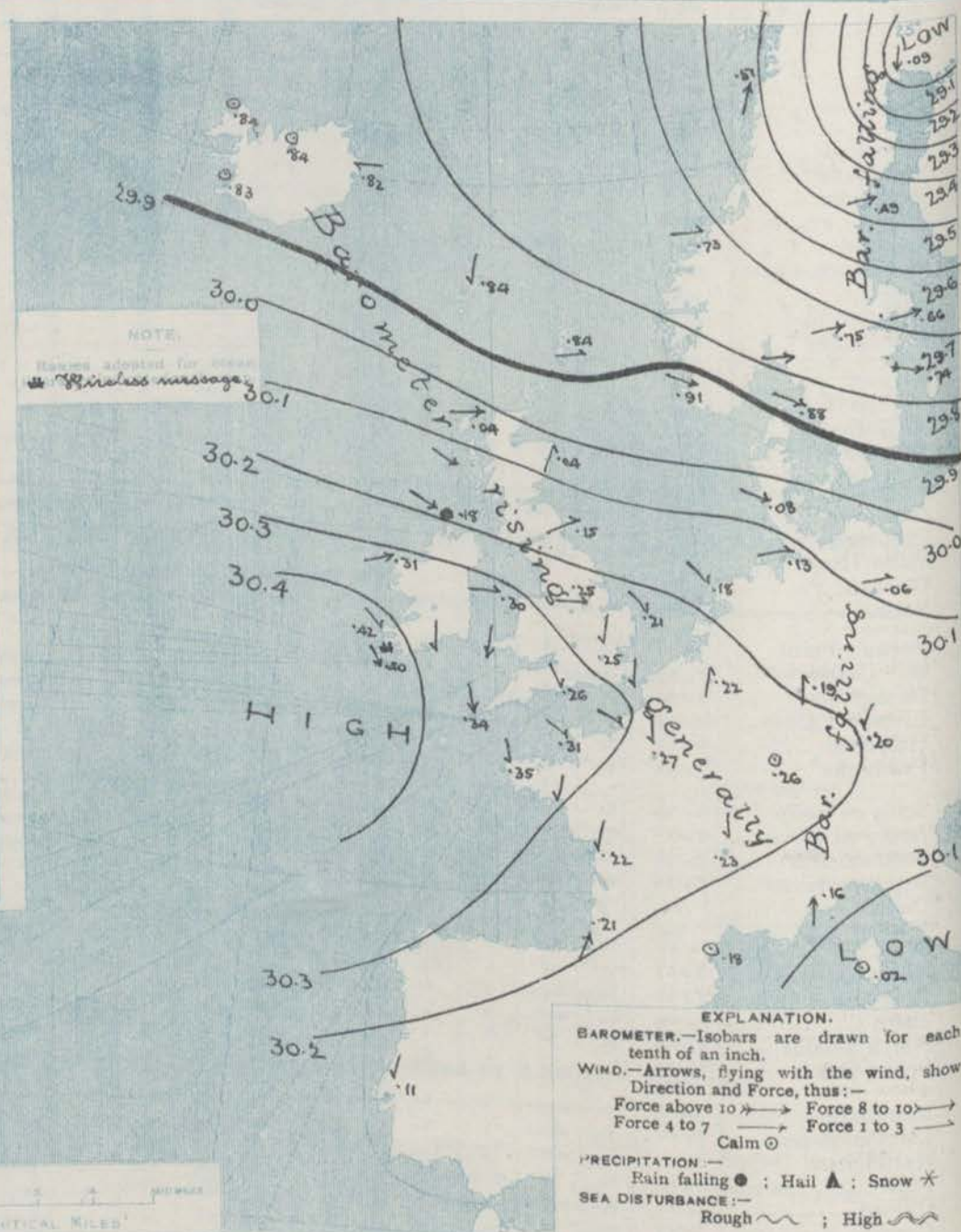
WEATHER 19<sup>th</sup> July,

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.

7 A.M. YESTERDAY.

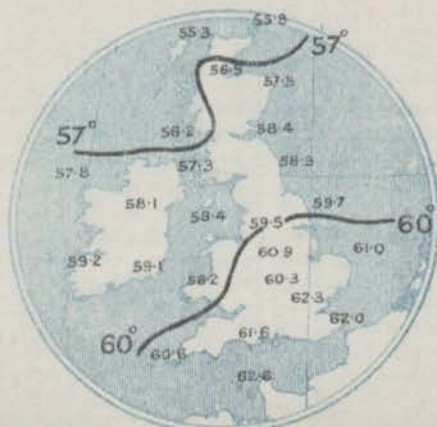


6 P.M. YESTERDAY



EXPLANATION.  
BAROMETER.—Isobars are drawn for each tenth of an inch.  
WIND.—Arrows, flying with the wind, show Direction and Force, thus:—  
Force above 10 → Force 8 to 10 →  
Force 4 to 7 → Force 1 to 3 →  
Calm ○  
PRECIPITATION.—  
Rain falling ● ; Hail ▲ ; Snow ✱  
SEA DISTURBANCE.—  
Rough ~~~~~ ; High ~~~~~

AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF JULY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The recent Arctic disturbances are passing away eastward, and the lowest pressure is now over the extreme north of Russia, the barometer being below 29.1 ins. at Haparanda. Generally over Western Europe and Ireland the conditions are under the influence of an Atlantic anticyclone, the barometer having risen to nearly 30.5 ins in the southwest of Ireland. There is a considerable gradient over Sweden, elsewhere it is slight.

Calms are reported over Ireland, but over the rest of our area W. to N.W. breezes prevail, mostly moderate to very light in force, fresh or strong locally on our own northwestern coasts, strong to a gale over the southern half of Scandinavia. Temperature is rather lower at the majority of stations. In the British Isles the values range from 49° in Shetland to 64° at Bath; over Western Europe from 57° at Paris and Havre to 69° at Nice and Perpignan; in Scandinavia from 49° at Christiansund to 59° at Gaarder, Stockholm and Wisby, and in Iceland from 48° to 53°. The weather generally is very fine to fair or cloudy, but showers are reported at Malin Head, fog at Paris and Havre, and at Stockholm. The sea is moderate off the west of Scotland and of Ireland, slight to very smooth on all other coasts.



# CHARTS

19<sup>th</sup> July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M. TO DAY.



### NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose above 70° in many parts of England, to 78° at Yarmouth and in London, and to 70° at Caern-on-sea and Lowestoft. Slight local showers were experienced in many districts, and at times the atmosphere was foggy on some parts of the southern and western coasts. At some of the west coast stations there was no bright sunshine, the records elsewhere ranging upwards to 10.5 hrs. at Stornoway, and to 11.7 hrs. at Bournemouth. Wireless reports from the Atlantic show that steamers experienced light to moderate breezes from between S.W. and N.W., with fine to cloudy weather, as far west as the 27th meridian.

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

The Atlantic anticyclone continues to advance, and it is likely to provide finer and warmer weather over the country generally.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

0 } Fresh to light S.W. and N.W. breezes;  
cloudy to fine; moderate temperature.

1 }  
2 }  
3 } Light to moderate breezes between  
S.W. and N.W.; generally fair to very  
fine, local coast mist or fog; warm.

4 }  
5 }

6 } Same as No. 0.

7 }  
8 } Same as Nos. 1 to 5.

9 }  
10 } Same as No. 0.

11 } Same as Nos. 1 to 5.



### II WESTERN CHANNEL AND BAY

Light S.W. to N.W. breezes; sea slight or smooth; fine generally, some mist or fog; moderate temperature.



### FORECAST DISTRICTS.

Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

South Cone.   
North Cone. 

Signals hoisted this morning.

South Cone.   
North Cone. 





## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	60	52	o. b. c. o	7.0	0.11	Worthing, to 6 p.m. ...	66	59	.	8.6	.
† Oban, to 6 p.m. ...	60	52	o. b. c. o	4.8	0.25	+ Brighton, to 6 p.m. ...	66	59	.	7.5	.
Dublin (City), to 4 p.m. ...	66	61	c. o. p. c. b.	.	0.03	Seaford, to 6 p.m. ...	.	.	.	.	.
Rossall Beach, to 6 p.m. ...	.	.	.	.	.	+ Eastbourne, to 6 p.m. ...	63	58	.	7.8	.
Blackpool, to 9 p.m. ...	63	56	+ b. b. c.	6.5	0.04	Bexhill-on-Sea, to 9 p.m. ...	65	59	b.	8.4	.
Southport, to 9 p.m. ...	63	60	op. c. b.	3.6	0.01	+ Hastings ...	.	.	.	8.1	.
+ Rhyi, to 6 p.m. ...	64	56	n. b. c. c. b.	4.2	0.01	+ Folkestone, to 6 p.m. ...	65	57	b. c. b.	7.2	.
+ Colwyn Bay, to 6 p.m. ...	65	57	o. b. c.	4.0	0.07	+ Ramsgate, to 6 p.m. ...	.	.	.	7.1	.
Llandudno, to 9 p.m. ...	64	55	b. c. o. p. b. c.	3.7	0.01	+ Margate, to 6 p.m. ...	74	58	b. o.	6.0	.
Bettws-y-Coed, to 6 p.m. ...	.	.	.	.	.	Felixstowe, to 6 p.m. ...	.	.	.	.	.
Towyn, to 6 p.m. ...	61	56	o.	0.0	.	+ Lowestoft, to 6 p.m. ...	76	56	c. b. c. o	7.9	.
Aberystwyth, to 6 p.m. ...	63	56	.	0.0	0.01	Skogness, to 6 p.m. ...	73	62	.	6.8	.
Plymouth, to 9 p.m. ...	70	57	b. c.	8.1	.	Scarborough, to 9 p.m. ...	.	.	.	.	.
Torquay, to 6 p.m. ...	74	59	.	13.7	.	Harrogate, to 6 p.m. ...	66	55	b. o. c. b.	3.4	.
+ Weymouth, to 6 p.m. ...	68	58	b. b. c.	9.3	.	+ Buxton, to 6 p.m. ...	64	52	b. c. c. o. p. o	1.4	.
Bournemouth, to 6 p.m. ...	74	58	.	9.5	.	Darwen, to 9 p.m. ...	.	.	.	.	.
Southsea, to 6 p.m. ...	.	.	.	.	.	Manchester, to 9 p.m. ...	66	57	o. c. b. c. b.	3.0	.
						Birmingham, to 9 p.m. ...	.	.	.	.	.

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 18th July, 1909	.	.	.	Ins.	Malta ... 18th July, 1909	Observations	not received	.	Ins.
Copenhagen ...	Observations not received			.	Berne ...	.	.	.	.
Vardö (North Cape) ...	.	.	.	.	Zurich ...	.	.	.	.
St. Petersburg ...	.	.	.	.	Geneva ...	.	.	.	.
Vienna ...	.	.	.	.	Lugano ...	.	.	.	.
Buda-Pesth ...	.	.	.	.					
Hermanstadt ...	.	.	.	.	Coire ... 17th July, 1909	1.80 p.m.	1.80 p.m.	.	Measured 7.50 a.m.
Trieste ...	.	.	.	.	Castasegna ...	.	.	.	.
Florence ...	.	.	.	.	Davos ...	.	.	.	.
Rome ...	.	.	.	.	St. Gothard ...	.	.	.	.
Naples ...	.	.	.	.					

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.	
	Lat.	Long.		Dir.	Force.		Air.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.
Majestic ... July 17, 10 a.m.	49°N.	26°W.	30.16	SW	4-5	.	.	.	.	.	Montrose ... July 18, 4 a.m.	50°N.	20°W.	30.08	?	?
7 a.m.	48°N.	27°W.	30.15	SW	4-5	.	.	.	.	.	7 a.m.	50°N.	21°W.	30.15	WNW	1-3
10 a.m.	49°N.	22°W.	30.23	SW	4-5	.	.	.	.	.	July 17, 3 p.m.	51°N.	16°W.	30.15	W	6-7
Cymric ... 7 a.m.	49°N.	23°W.	30.20	SW	4-5	b. c.	.	.	.	.	6 p.m.	51°N.	17°W.	30.12	W	6-7
3 p.m.	49°N.	26°W.	30.25	SW	4-5	.	.	.	.	.	July 18, 4 a.m.	51°N.	20°W.	30.21	WNW	4-5
6 p.m.	48°N.	27°W.	30.27	SW	4-5	b.	.	.	.	.	7 a.m.	51°N.	21°W.	30.24	WNW	4-5
10 a.m.	51°N.	17°W.	30.10	WSW	6-7	.	.	.	.	.	6 p.m.	49°N.	29°W.	30.25	SW	4-5
Monmouth ... 7 a.m.	51°N.	18°W.	30.10	WSW	6-7	o.	.	.	.	.	6 p.m.	50°N.	17°W.	30.26	SW	4-5
3 p.m.	51°N.	20°W.	30.08	WSW	6-7	o.	.	.	.	.	July 18, 4 a.m.	50°N.	21°W.	30.26	E	1-3
6 a.m.	51°N.	21°W.	30.06	WSW	6-7	o.	.	.	.	.	7 a.m.	50°N.	23°W.	30.31	E	1-3
10 a.m.	46°N.	39°W.	30.13	SSW	4-5	.	.	.	.	.	3 p.m.	50°N.	21°W.	30.40	E	1-3
Montreal ... 7 a.m.	47°N.	38°W.	30.14	SSW	6-7	.	.	.	.	.	6 p.m.	51°N.	20°W.	30.42	S	1-3
3 p.m.	48°N.	25°W.	30.22	SSW	4-5	.	.	.	.	.	10 a.m.	49°N.	10°W.	30.16	SSW	1-3
6 p.m.	48°N.	25°W.	30.28	S	1-3	b. c.	.	.	.	.	11 a.m.	49°N.	9°W.	30.18	NW	1-3
10 a.m.	48°N.	25°W.	30.26	WSW	4-5	.	.	.	.	.	3 p.m.	51°N.	11°W.	30.42	N	1-3
10 a.m.	50°N.	16°W.	30.26	WSW	4-5	o.	.	.	.	.	6 p.m.	51°N.	12°W.	30.44	N	1-3
10 a.m.	50°N.	19°W.	30.24	WSW	4-5	.	.	.	.	.	3 p.m.	51°N.	10°W.	30.26	WNW	4-5
10 a.m.	50°N.	16°W.	30.07	WSW	4-5	.	.	.	.	.	6 p.m.	48°N.	11°W.	30.30	NW	4-5
10 a.m.	50°N.	17°W.	30.06	WSW	4-5	.	.	.	.	.	7 a.m.	49°N.	28°W.	30.27	SSW	1-3
											3 p.m.	49°N.	26°W.	30.30	WSW	1-3
											6 p.m.	49°N.	21°W.	30.38	NW	1-3
											10 a.m.	50°N.	19°W.	30.39	WSW	1-3
											July 19, 6 a.m.	51°N.	12°W.	30.41	N	1-3
											7 a.m.	51°N.	10°W.	30.40	WNW	4-5

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 661 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.
- \* Information for these columns is not usually received.
- † The figures in the "wet bulb" column represent the relative humidity.
- ‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
63, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

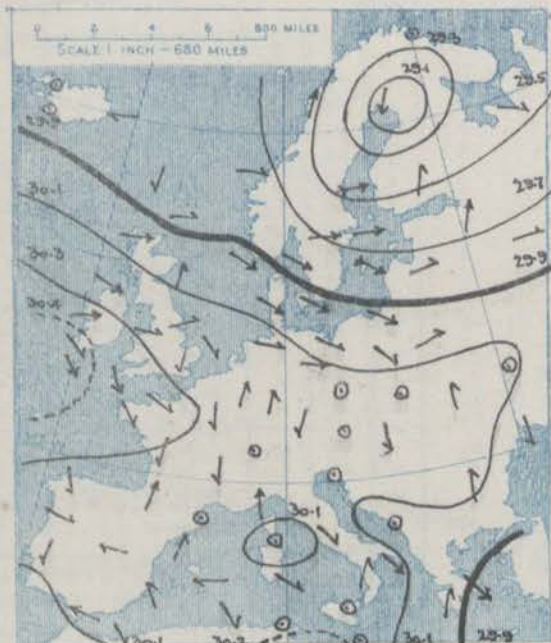
Tuesday  
20th July 1909

STATIONS.	YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
	Barom.	Temp.	Wind.		Weather.	Barometer.	Temperature.			Wind.		Weather.	Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.		
	At 89° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Dir.	Force (0 to 12).		At 89° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).		Max.	Min.					
	Inch.	"				Inch.	Inch.	"	"	"				"	"					
SCANDINAVIA.	Haparanda...	29.21	50	NE	2	0	29.31	+22	56	50	+2	NNE	4	57	43	*	*	*	0.16	
	Hernösand...	29.40	51	SW	6	c	29.36	-13	51	47	-3	NW	7	59	48	*	*	*	-	
	Stockholm...	29.50	55	W	4	c	29.56	-10	53	47	-6	W	6	66	53	*	*	*	0.04	
	Wisby...	29.66	60	W	6	c	29.66	-08	57	50	-2	SSE	6	63	54	*	*	*	-	
	Karlstad...	29.69	54	2	0	b	29.73	-02	54	46	-3	NW	2	*	*	*	*	*	-	
	Færder (X'ania Fjord)	29.70	61	NW	5	b	29.78	-00	56	48	-3	N	2	63	54	*	*	*	0.08	
	Bodö...	29.55	50	W	4	c	29.58	+07	50	48	0	N	2	50	48	*	*	*	0.04	
	Christiansund...	29.72	48	NW	6	0	29.87	+14	48	44	-1	WNW	6	49	46	*	*	*	0.16	
ICELAND & FAEROE.	Skudensnaes...	29.90	53	NNW	2	b	29.97	+06	50	47	-3	N	4	55	48	bc. b	*	*	0.12	
	Isafjord...	29.87	48	E	2	r	29.84	-00	51	*	+1	NNE	1	*	*	*	*	*	*	
	Reykjavik...	29.71	56	N	1	b	29.71	-12	52	*	+1	2	0	*	*	*	*	*	*	
	Seydisfjord...	29.89	51	NE	3	m	29.84	+02	44	*	-4	E	5	*	*	*	*	*	*	
BRITISH ISLANDS.	Thorshavn...	29.97	61	SW	1	bc	29.84	-00	51	*	+4	S	2	*	*	*	*	*	*	
	Sumburgh Head	29.98	51	W	1	c	30.00	+16	50	49	+1	S	1	55	47	c	*	*	-	
	Stornoway...	30.12	56	W	5	c	29.93	-11	54	54	-1	SW	4	59	52	bc. c, r	6.8	0.14		
	Castlebay (Barra Id.)	30.20	56	WNW	5	om	30.02	-11	55	54	+1	SW	4	58	52	c. om, bc. r	6.1	0.06		
	Malin Head...	30.24	58	WNW	5	bc	30.11	-07	57	57	+2	SW	4	59	52	cf. bc	*	-		
	Blacksod Pt.	30.34	58	WSW	4	bc	30.18	-13	60	59	+3	WSW	5	62	55	bc. om	*	0.01		
	Valencia...	30.43	59	W	2	c	30.34	-08	59	59	+3	SW	2	62	56	c. om	12.0	0.04		
	Roche's Point...	30.38	64	NNW	3	b	30.35	-04	58	56	+4	2	0	67	53	bc. b. o	*	-		
	Birr Castle...	30.35	64	W	3	b	30.27	-09	60	58	+3	SSW	3	67	51	b. og	13.0	-		
	Donaghadee...	30.27	63	WSW	3	c	30.23	-02	53	52	0	WSW	1	65	48	bc. c	*	-		
	Liverpool Obsy...	30.28	60	W	5	b	30.27	-00	56	54	0	W	4	62	53	b. bc. b	10.1	-		
	Holyhead...	30.32	59	SW	3	b	30.28	-02	58	56	-2	W	3	65	52	c. b	*	-		
	Pembroke (St. Ann's Hd.)	30.36	58	W	2	b	30.33	+02	55	53	-1	WNW	3	60	53	bc. b	14.6	-		
	Scilly (St. Mary's)	30.39	59	NNW	4	c	30.37	+03	57	54	+1	WNW	2	61	56	c	14.2	-		
	Jersey (St. Aubins)	30.32	63	WNW	3	b	30.35	+04	62	57	+5	NNE	2	66	54	og. bc. b. bc	3.5	-		
	Portland Bill...	30.27	62	WNW	2	b	30.31	+05	60	55	-1	NW	2	63	55	b	10.8	-		
	Dungeness...	30.24	63	S	3	bc	30.27	+03	59	53	-1	NW	3	67	49	bc. c. bc	10.8	-		
	Dover...	*	*	*	*	*	30.29	+04	59	54	-1	NW	3	71	48	c. bc. b	10.6	-		
	Wick...	30.07	54	NW	5	bc	30.01	+06	50	50	-1	2	0	60	45	-	*	0.05		
	Nairn...	30.09	57	WSW	3	bc	30.04	+03	54	49	0	WSW	2	64	45	c. bc. c	11.1	-		
	Aberdeen...	30.10	62	WNW	3	bc	30.08	+04	54	50	+1	SSW	1	65	48	bc. c. o	7.2	-		
GERMANY, & C.	Leith...	30.16	60	W	3	c	30.13	+02	54	51	-3	WSW	2	65	51	bc. c	*	-		
	North Shields...	30.16	63	W	3	c	30.17	+02	56	52	0	WSW	3	67	48	c	?	-		
	Spurn Head...	30.22	61	WNW	5	bc	30.22	+02	55	52	-2	WNW	4	63	52	c. bc. b	*	-		
	Yarmouth...	30.23	62	NNE	2	bc	30.23	+02	55	52	-4	WNW	2	67	49	bc	8.0	-		
	Clacton-on-Sea...	30.23	67	NW	3	bc	30.26	-00	57	53	-3	NW	2	71	48	b. bc	14.3	-		
	Nottingham...	30.27	60	WNW	3	0	30.28	+03	55	52	-2	W	2	64	48	bc. c. o. c. b	8.2	-		
	Bath...	30.33	62	NW	1	b	30.33	+02	59	56	-5	WNW	1	70	50	-	13.7	-		
	Oxford...	30.31	60	N	2	c	30.31	+02	60	55	-2	WSW	2	71	48	-	*	-		
	London (St. James's Park)	30.23	71	NW	4	bc	30.28	+03	56	52	-6	WNW	2	73	51	b. bc. b	14.5	-		
	The Scaw (Skagen)	29.80	55	WNW	6	b	29.80	-08	56	53	0	NW	4	59	52	*	*	-		
FRANCE.	Fanö...	30.02	54	NW	6	c	30.01	-07	55	51	-3	NW	6	63	52	*	*	0.12		
	Cuxhaven†...	30.10	59	W	5	c	30.10	-03	58	74	-1	W	3	66	55	*	*	-		
	The Helder...	30.21	59	NW	3	c	30.19	+01	58	55	-2	WNW	3	61	57	*	*	-		
	Brussels...	*	*	*	*	*	30.25	+03	59	55	+2	SW	1	71	50	*	*	-		
	Berlin†...	30.01	66	W	2	c	30.08	+02	57	74	-8	W	4	72	52	*	*	-		
	Frankfurt†...	30.19	68	NW	3	c	30.23	+04	58	63	-7	NNE	2	79	52	*	*	-		
	Munich†...	30.08	68	W	2	r	30.15	-05	62	91	-6	NW	2	75	59	*	*	0.39		
	C. Gris Nez...	30.26	62	W	2	bc	30.28	+03	59	56	+1	NNW	3	72	55	*	*	-		
	La Hève...	30.28	61	NW	2	m	30.33	+01	58	55	+1	NE	2	63	54	*	*	-		
	Brest...	30.38	61	NNW	3	0	30.39	+04	56	55	0	NE	2	63	50	*	*	-		
SPANISH PENIN.	Lorient...	?	68	N	4	b	?	?	57	55	-2	NE	2	75	52	*	*	-		
	Rochefort...	30.18	72	NW	3	b	30.27	+05	64	62	-4	NNE	3	86	63	c. b	*	-		
	Biarritz...	30.23	68	WSW	4	bc	30.27	+06	66	64	+1	WSW	4	70	64	*	*	-		
	Paris...	30.24	69	N	2	c	30.29	+02	59	56	+2	N	1	76	52	*	*	-		
	Belfort...	30.14	74	WSW	4	c	30.26	-00	58	56	-6	ENE	2	80	56	*	*	-		
	Lyons...	30.14	76	N	1	c	30.19	-04	64	60	-1	N	3	81	52	*	*	-		
	Nice...	30.06	70	W	1	b	30.01	-15	65	63	-4	2	0	79	61	*	*	-		
SPANISH PENIN.	Perpignan...	30.06	84	2	0	b	30.11	-07	79	67	+10	W	3	89	76	*	*	-		
	Sanguinaire...	29.95	75	N	3	b	29.95	-07	70	66	-5	E	2	*	*	*	*	-		
	Corunna...	30.08	79	WNW	3	b	30.10	-01	66	62	-7	SSW	3	88	64	*	*	-		
SPANISH PENIN.	Lisbon...	30.08	79	WNW	3	b	30.10	-01	66	62	-7	SSW	3	88	64	*	*	-		
	Azores (P. Delgada)...	30.41	70	NNE	4	bc	30.40	+01	68	65	0	NNE	3	75	66	*	*	-		

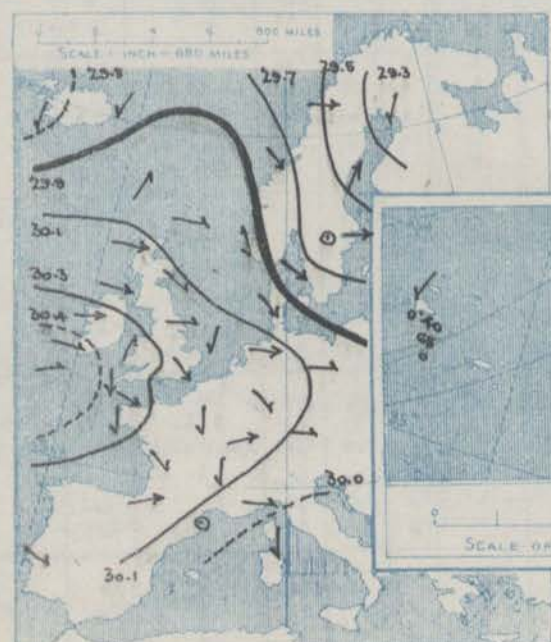


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

7 A.M. YESTERDAY.



6 P.M. YESTERDAY



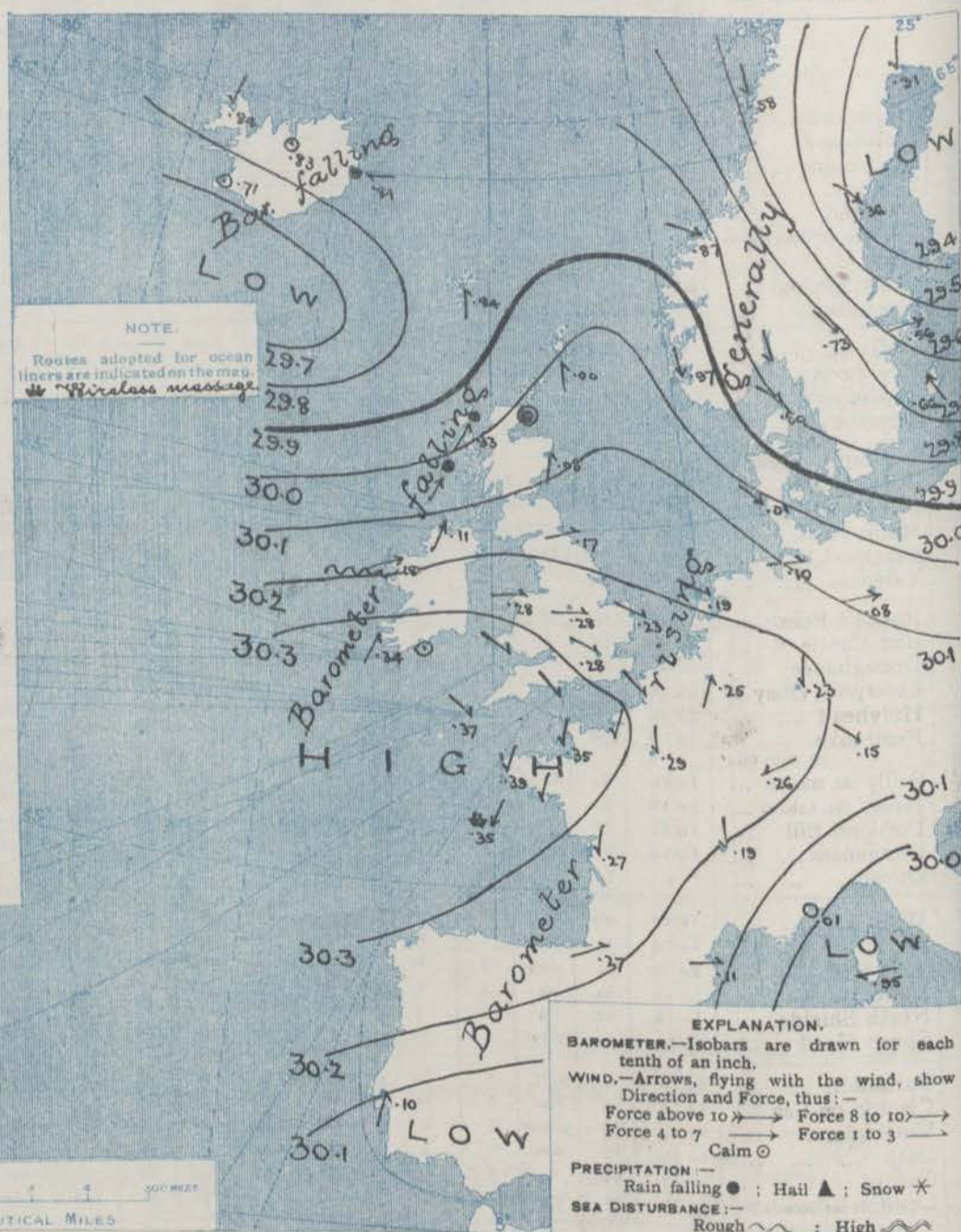
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF JULY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Tuesday.

WEATHER 20<sup>th</sup> July.

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



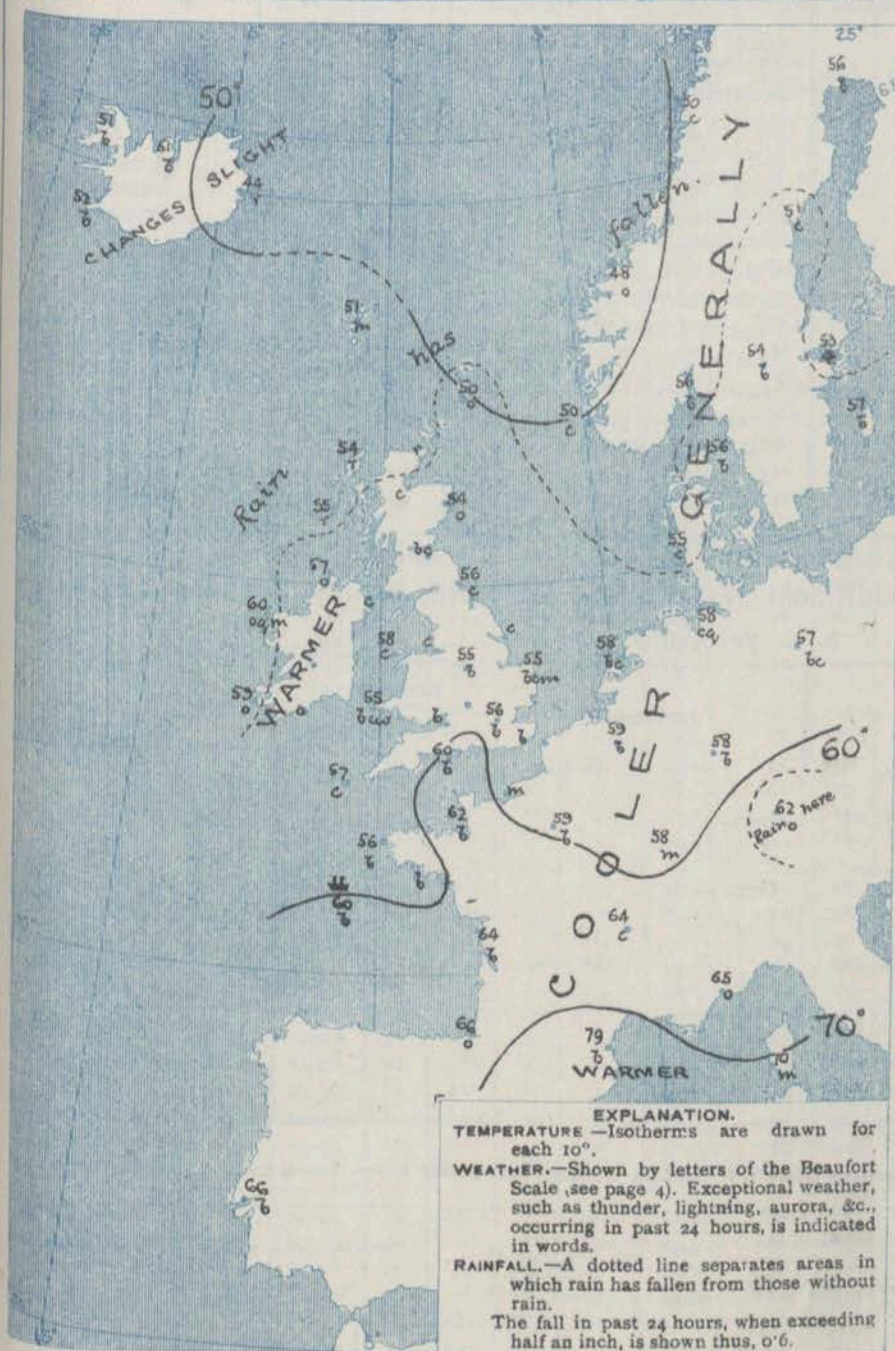
NOTES ON THE GENERAL SITUATION AT 7 A.M.

The Atlantic high pressure system embraces the greater part of Western Europe, with the barometer above 30.3 ins. over our southwestern districts and the northwest of France, and 30.4 ins. at the Azores. In a depression over Northern Russia pressure is below 29.4 ins. along the upper Swedish coast, and in another which has appeared to the southward of Iceland it is at about 29.7 ins. There is a considerable gradient over Scandinavia, and it is increasing on our north-western coasts.

In Ireland and Scotland the wind has shifted into S.W., but in most other regions the direction is between W. and N.W. As a rule the force is very light to gentle, but a strong wind is reported at various Scandinavian stations, a high wind at Helsingfors. Temperature has fallen somewhat in most parts of our area. At the home stations the values range from 50° in Shetland and at Wick, to 60° at Blacksod Point and Portland Bill; over the western parts of the Continent from 56° at Brest to 79° at Perpignan; over Scandinavia from 48° at Christiansund to 57° at Wisby; and in Iceland from 44° to 53°. On the Bay of Biscay the air temperature is 60°, that of the sea surface 56°. The weather has become overcast and dull in Ireland and many parts of Scotland, and rain is falling at some of our northern stations and in the east of Ireland. Over the rest of the area under observation fine, bright weather prevails extensively. The sea is rather rough on the coast of Mayo, but generally it is slight to very smooth.



## 2 TEMPERATURE AND WEATHER AT 7 A.M TO DAY.



### NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 75° at Bournemouth, and to 70° or a little above at some other southern and southeastern stations but in many localities the maxima were below 65°, below 60° in the far north and northwest. Manchester reports only 1.8 in., and Oban 2.4 in., but in numerous instances the records exceed 10 in., up to 14.5 in. in London, and 14.6 in. at Pembroke. Wireless reports from the Atlantic show that steamers experienced light to moderate S.W. to N.W. breezes and cloudy weather as far west as the 17th meridian.

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

The depression to the southward of Ireland appears to be advancing eastward, and it is likely to occasion less settled conditions in the northwest and north. In the south no great change is expected.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 { Increasing S.W. winds; unsettled.  
some rain; cool.
- 1 { W. and S.W. breezes, freshening;  
changeable, fair to dull, some rain  
later; moderate temperature.
- 2 {
- 3 { Light N.W. to W. breezes;  
generally very fine, local coast  
mist; hot sun, temperature  
warm to cool.
- 4 {
- 5 {
- 6 { Same as No. 0.
- 7 { Light to moderate W. to S.W.  
breezes; very fine to cloudy, local  
coast mist; moderate temperature.
- 8 {
- 9 { Freshening S.W. breezes; fair  
to dull, some rain later, local  
coast mist; cool.
- 10 {

### 11 WESTERN CHANNEL AND BAY

Light N.W. to N.E. breezes; sea slight to smooth; generally fair or fine, local mist or fog; moderate temperature.

### FORECAST DISTRICTS.

Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

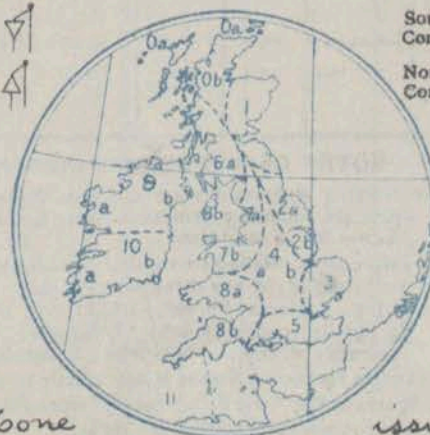
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



To be

issued



## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	62	51	o. bc. r	7.8	0.18	+ Worthing, to 6 p.m. ...	71	56	bc	11.1	
+ Oban, to 6 p.m. ...	62	51	bc. bc	2.4		Brighton, to 6 p.m. ...	68	57		9.4	
Dublin (City), to 4 p.m. ...	68	50	bc. bc			+ Seaford, to 6 p.m. ...	69	56	m. bc	11.7	
Rossall Beach, to 6 p.m. ...	60	54	c			+ Eastbourne, to 6 p.m. ...	68	57		10.6	
Blackpool, to 9 p.m. ...	63	53	c. bc. c	11.3		Bexhill-on-Sea, to 9 p.m. ...	68	63	bc	10.5	
Southport, to 9 p.m. ...	62	54	c. bc. o. bc	13.3		+ Hastings ...				10.8	
+ Rhyi, to 6 p.m. ...	64	50	bc. bc	10.3		+ Folkestone, to 6 p.m. ...	66	55	bc. bc	9.4	
+ Colwyn Bay, to 6 p.m. ...	64	55	bc. bc. bc	12.5		+ Ramsgate, to 6 p.m. ...				11.3	
Llandudno, to 9 p.m. ...	65	54	op. c. bc. bc	12.5	0.01	+ Margate, to 6 p.m. ...	71	58	bc	11.3	
Bettws-y-Coed, to 6 p.m. ...	65	50	bc	8.0		+ Felixstowe, to 6 p.m. ...	70	54		14.3	
Towyn, to 6 p.m. ...	62	53		11.4		+ Lowestoft, to 6 p.m. ...	68	54	o. c	9.9	
+ Aberystwyth, to 6 p.m. ...	61	56		10.7		+ Skegness, to 6 p.m. ...	65	55	bc. c	7.7	
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	68	51	bc	8.7	
Torquay, to 6 p.m. ...	73	59		10.8		+ Harrogate, to 6 p.m. ...	65	47	bc. bc. bc. c	7.0	
+ Weymouth, to 6 p.m. ...	71	57	o. c. bc	10.8		+ Buxton, to 6 p.m. ...	57	43	o. bc. bc. c	5.2	
+ Bournemouth, to 6 p.m. ...	75	56	bc. bc	10.6		Darwen, to 9 p.m. ...	60	52	c. bc	6.6	
Southsea, to 6 p.m. ...	74	59		8.5		Manchester, to 9 p.m. ...	60	51	bc. bc. bc. c	1.8	
						Birmingham, to 9 p.m. ...	61	51	c	13.4	

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		Weather.	RAIN.	STATIONS.	TEMPERATURE F.		Weather.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 19th July, 1909.	64	57	bc. c	Ins.	Malta ... 19th July, 1909.	78	68	bc	Ins.
Copenhagen ...	68	54	r. o	0.47	Berne ...			m. c	
Vardö (North Cape) ...	57	48	bc. bc		Zurich ...			c. c	
St. Petersburg ...	64	59	bc. o		Geneva ...			bc. bc	
Vienna ...	75	64	c. c		Lugano ...			bc. bc	
Buda-Pesth ...	81	63	bc. bc						
Hermanstadt ...	82	61	o. o	0.08	Coire ... 12th July, 1909.	1.30 p.m.	1.30 p.m.		
Trieste ...	84	66	bc. bc		Castasegna ...	Observations not recd.			
Florence ...	90	64	bc. bc		Davos ...				
Rome ...	86	65	bc. bc		St. Gothard ...				
Naples ...	83	69	bc. bc						

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.	
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.
H.M.S. ...	49° 53' N.	4° 30' W.	30.31	WNW	4	bc	62	57	60	4	Montcalm ... July 19 3 p.m.	51° N.	13° W.	30.46	SW	4-5
	49° 55' N.	4° 45' W.	30.33	WNW	4	bc	61	55	60	4		51° N.	12° W.	30.45	WSW	1-3
	47° 47' N.	6° 12' W.	30.33	NNW	3	bc	58	55	56	2						
	47° 15' N.	6° 37' W.	30.35	NE	3	bc	60	56	56	3						
				wind veering, bar steady.												
Empress of Ireland ... July 18 4 a.m.	54° N.	18° W.	30.09	NW	4-5											
	54° N.	19° W.	30.15	WNW	6-7	c										
Montcalm ... July 19 4 a.m.	51° N.	17° W.	30.43	SW	1-3											
	51° N.	16° W.	30.43	SW	1-3	c										
Zeeland ... July 19 10 a.m.	49° N.	9° W.	30.45	NNW	1-3											
	49° N.	10° W.	30.50	N	1-3	c										

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
63, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday  
21st July 1909.

STATIONS.	YESTERDAY EVENING.						THIS MORNING.										PAST 24 HOURS.					
	Barom.		Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 5).	Temp.		Weather.	Sun-shine.	Rainfall.			
	At 25° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Direc.	Force (0 to 12).	At 25° Fahr. and M.S.L. Lat. 45°		Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Max.		Min.							
In.	"				In.	In.	"	"	"				"	"	Hours.	In.						
SCANDINAVIA.																						
Haparanda...	29.39	53	NNE	4	0	29.47	+16	52	48	-4	NNE	4	0	61	43			0.04				
Hernösand...	29.50	51	W	6	7	29.55	+19	53	50	+2	NW	4	0	59	48			0.32				
Stockholm...	29.58	56	W	4	0	29.62	+106	56	50	+3	NW	4	bc	57	48			-				
Wisby...	29.67	58	WNW	8	2	29.69	+103	58	53	+1	WNW	6	0	61	50			-				
Karlstad...	29.74	55	NW	2	6	29.69	-102	55	48	+1	NW	2	0					-				
Færder (X'ania Fjord)	29.71	60	SSE	1	60	29.62	-116	54	51	-2	WNW	1	0	61	54			-				
Bodö...	29.68	49	NE	4	60	29.64	+106	49	45	-1	N	4	0	50	46			-				
Christiansund...	29.84	47	Z	0	0	29.90	-21	50	45	+2	NE	2	bc	50	41			-				
Skudenes...	29.86	52	WSW	2	0	29.90	-43	53	52	+3	SE	2	7	55	48	bc		0.24				
ICELAND & FAEROE.																						
Isafjord...	29.80	49	NE	6	6	29.70	-08	45		-6	NE	1	0									
Reykjavik...	29.76	57	NE	2	60	29.68	-03	50		-2	NE	1	bc									
Seydisfjord...	29.82	50	E	5	m	29.74	-10	45		+1	ESE	3	0									
Thorshavn...	29.50	48	E	5	7	29.41	-43	51		0	NNE	6	0									
BRITISH ISLANDS.																						
Sumburgh Head	29.65	50	S	4	7	29.44	-50	52	52	+2	W	1	f	2	53	48	7	0.47				
Stornoway...	29.66	58	W	6	0	29.56	-37	52	51	-2	W	4	0	4	60	52	st. o.d.pq	0.49				
Castlebay (Barra Id.)	29.75	55	WNW	4	7	29.67	-35	54	53	-1	WNW	5	0	4	56	53	r. o.d.m	0.25				
Malin Head...	29.79	59	SW	6	m	29.73	-38	55	55	-2	SW	4	om	3	60	54	om. st.qm.f	0.29				
Blacksod Pt.	29.93	58	WSW	7	qm	29.80	-32	57	55	-3	W	4	0	3	60	54	qm. qm	0.64				
Valencia...	30.15	60	SW	4	og	29.99	-35	56	55	-3	WNW	3	0	4	65	56	c. og. st	0.16				
GERMANY, & C.																						
Roche's Point...	30.17	62	WNW	3	0	29.96	-39	58	56	0	NW	2	0	1	67	57	c. op. o	0.02				
Birr Castle...	30.07	63	WSW	5	0	29.89	-38	57	56	-3	SW	4	st	4	68	55	op. o	0.06				
Donaghadee...	29.95	64	SW	4	0	29.82	-44	56	56	+3	WSW	3	0	2	65	53	c. o. cp	0.02				
Liverpool Obsy...	30.06	62	SW	4	0	29.82	-45	59	57	+3	SW	4	0	4	66	56	bc. c	0.04				
Holyhead...	30.07	59	SW	5	0	29.86	-42	57	57	-1	WSW	4	7	3	63	55	cm. c	0.20				
Pembroke (St. Ann's Hd.)	30.17	58	SW	3	0	29.93	-40	56	56	+1	SW	5	rf	5	60	54	bc. cp	0.05				
FRANCE.																						
Scilly (St. Mary's)	30.24	61	WSW	1	0	30.04	-33	60	57	+3	WSW	3	0	1	64	57	bc. o	9.5				
Jersey (St. Aubins)	30.26	64	WNW	4	0	30.11	-24	58	55	-4	WSW	4	bc	3	69	54	bc. bc. w	14.8				
Portland Bill...	30.18	60	SW	3	0	30.02	-29	58	57	-2	SW	5	0	4	62	57	c. bc	12.8				
Dungeness...	30.14	62	WSW	4	0	29.99	-28	60	58	+1	WSW	5	0	5	67	56	bc. bc. w	13.8				
Dover...						29.99	-30	58		-1	SW	3	0	4	68	54	bc. bc. o	13.2				
SPANISH PENIN.																						
Wick...	29.68	51	W	3	0	29.50	-51	51	49	+1	W	2	0	1	60	46		0.65				
Nairn...	29.70	62	WSW	3	0	29.55	-49	56	54	+2	WSW	2	0	1	69	50	cd. eq. c	0.08				
Aberdeen...	29.72	63	SW	3	0	29.54	-54	60	57	+6	W	1	bc	1	65	54	st. o. c. st. bc	0.19				
Leith...	29.84	61	WSW	3	0	29.64	-49	59	56	+5	SW	5	0	4	65	54	c. o. od. r	0.03				
North Shields...	29.92	63	SW	4	0	29.70	-47	63	59	+7	WSW	4	0	2	71	54	c. p. o. p	3.9				
Spurn Head...	30.03	64	W	3	0	29.78	-44	59	57	+4	SW	4	cp	3	69	55	bc. c. cp	0.09				
PORTUGAL.																						
Yarmouth...	30.09	70	WSW	2	60	29.89	-34	60	57	+5	WSW	4	0	4	70	54	bc	12.8				
Clacton-on-Sea...	30.13	69	W	2	0	29.94	-32	60	58	+3	WSW	3	0	3	74	55	bc. c. o	12.1				
Nottingham...	30.10	65	W	5	0	29.87	-41	59	57	+4	W	3	0	4	72	55	bc. bc. c	9.6				
Bath...	30.20	66	W	2	0	29.99	-34	60	58	+1	SW	1	0	4	70	58		11.6				
Oxford...	30.13	62	WSW	3	0	29.95	-36	59	58	-1	SW	5	st	4	73	56	bc. c. st	0.05				
London (St. James's Pl.)	30.14	70	SW	4	60	29.97	-31	60	57	+4	WSW	3	0	4	74	56	bc. bc. c. o	13.5				
GERMANY, & C.																						
The Scaw (Skagen)	29.80	54	W	4	60	29.66	-14	54	53	-2	SSW	3	7	1	64	52		0.08				
Fanö...	29.97	54	WNW	4	0	29.75	-26	58	57	+3	WSW	4	0	4	59	54		0.24				
Cuxhaven†...	30.06	60	WNW	3	0	29.87	-23	58	90	0	SW	4	0	4	61	55		-				
The Helder...	30.10	58	SW	3	6	29.89	-30	60	59	+2	SW	3	bc	2	61	57		-				
Brussels...						30.02	-23	58	54	-1	WSW	1	0	4	70	50		-				
Berlin†...	30.03	59	W	3	6	29.99	-09	60	74	+3	W	2	bc	4	66	52		-				
Frankfurt†...	30.14	62	NW	1	60	30.06	-17	55	87	-3	SW	1	m	4	72	50		-				
Munich†...	30.16	59	NW	2	6	30.09	-06	61	67	-1	SE	2	0	4	68	48		-				
FRANCE.																						
C. Gris Nez...	30.15	61	SW	4	60	30.00	-28	59	58	0	SW	3	m	3	64	55		-				
La Hève...	30.24	61	Z	0	6	30.10	-23	56	52	-2	WSW	4	0	4	64	50		-				
Brest...	30.28	63	NW	3	6	30.16	-23	54	54	-2	ESE	1	m	1	70	50		-				
Lorient...		66	W	3	6			56	54	-1	E	2	0	2	73	54		-				
Rochefort...																		-				
Biarritz...	30.19	69	WSW	4	6	30.09	-18	65	64	-1	Z	0	0	1	70	63		-				
FRANCE.																						
Paris...	30.19	68	N	2	6	30.11	-18	59	57	0	SSE	1	0	4	72	48		-				
Belfort...	30.16	67	ENE	4	60	30.10	-16	60	55	+2	Z	0	m	4	77	49		-				
Lyons...	30.13	72	N	3	6	30.11	-08	62	55	-2	N	1	0	4	76	55		-				
Nice...	29.92	68	NW	1	0	29.97	-04	68	65	+3	Z	0	0	1	79	63		-				
Perpignan...	30.04	84	NW	3	6	30.02	-09	74	62	-5	W	2	0	4	90	64		-				
Sanguinaire...	29.86	75	W	3	m	29.85	-10	70	66	0	SW	2	m	3				-				
PORTUGAL.																						
Corunna...																		-				
Lisbon...	30.08	65	NW	2	6	30.06	-04	66	63	0	WNW	1	0	4	73	61		-				
Azores (P. Delgada)...	30.34	67	NE	2	6	30.28	-06	69	64	+1	NNE	1	0	3	73	64		-				
" Horta...	30.40	70	NE	4	6	30.38	-02	70	66	+2	NNE	3	bc	2	75	68		-				



SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

Wednesday,

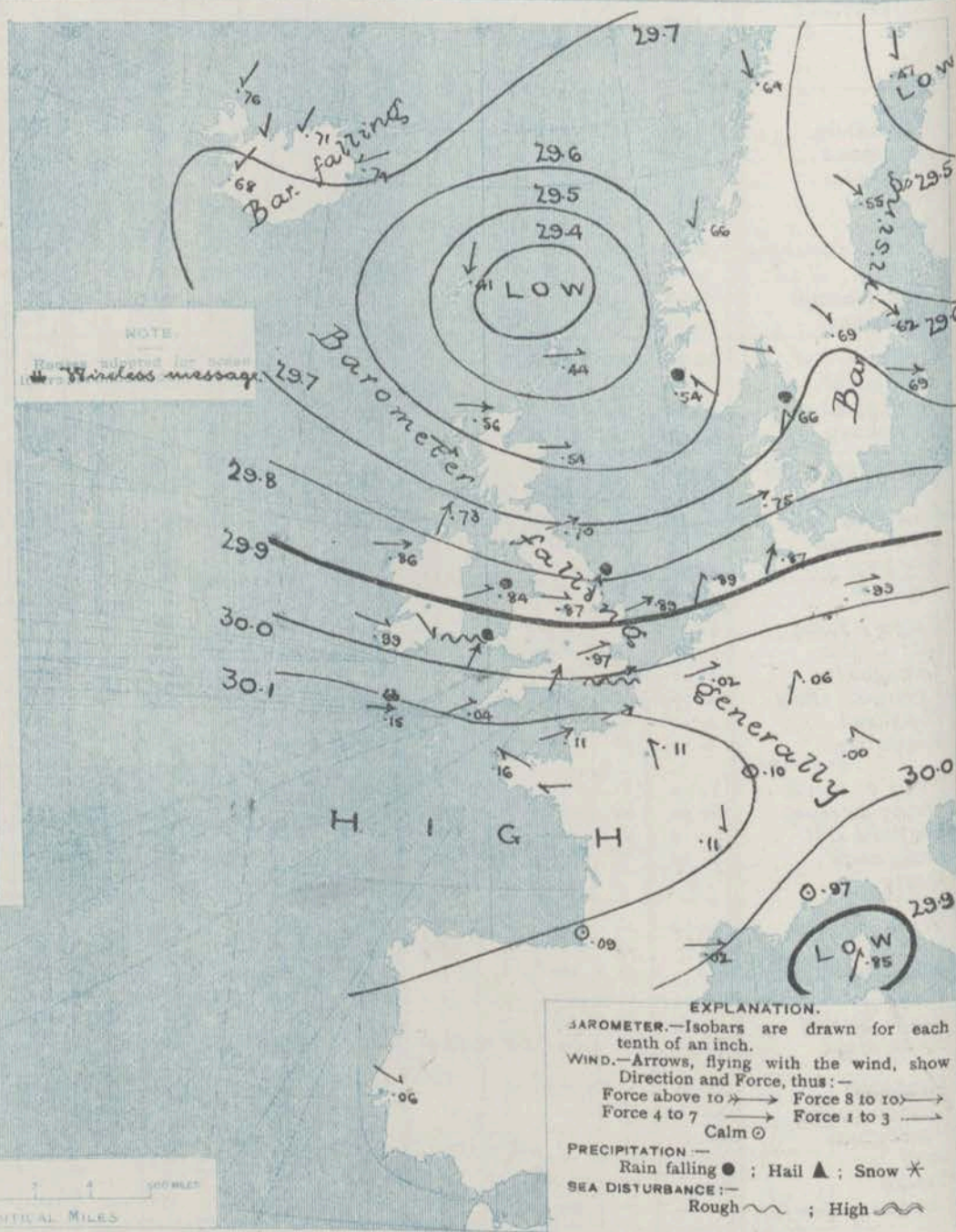
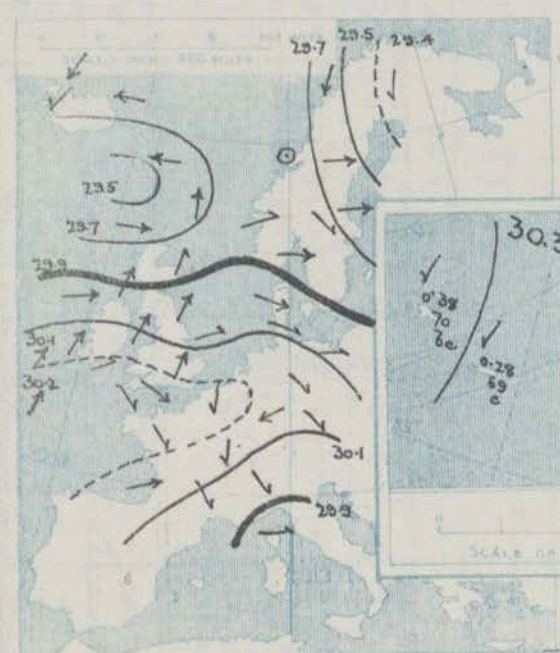
WEATHER 21<sup>st</sup> July.

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.

7 A.M. YESTERDAY.

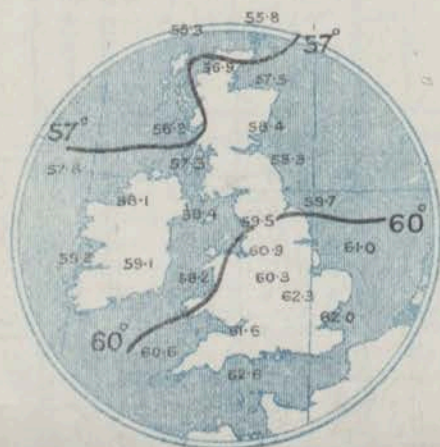


6 P.M. YESTERDAY.



EXPLANATION.  
BAROMETER.—Isobars are drawn for each tenth of an inch.  
WIND.—Arrows, flying with the wind, show Direction and Force, thus:—  
Force above 10 → Force 8 to 10 →  
Force 4 to 7 → Force 1 to 3 →  
Calm ○  
PRECIPITATION —  
Rain falling ● ; Hail ▲ ; Snow ★  
SEA DISTURBANCE:—  
Rough ~~~~~ ; High ~~~~~

AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF JULY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression which was yesterday morning off the north of Iceland is now centred to the northward of Shetland, with the barometer below 29.5 ins. Pressure is equally low in a depression in the neighbourhood of the White Sea. The anticyclone still extends from France to or beyond the Azores, but it has been considerably reduced in intensity. The gradient is moderate over the British Isles, slight elsewhere.

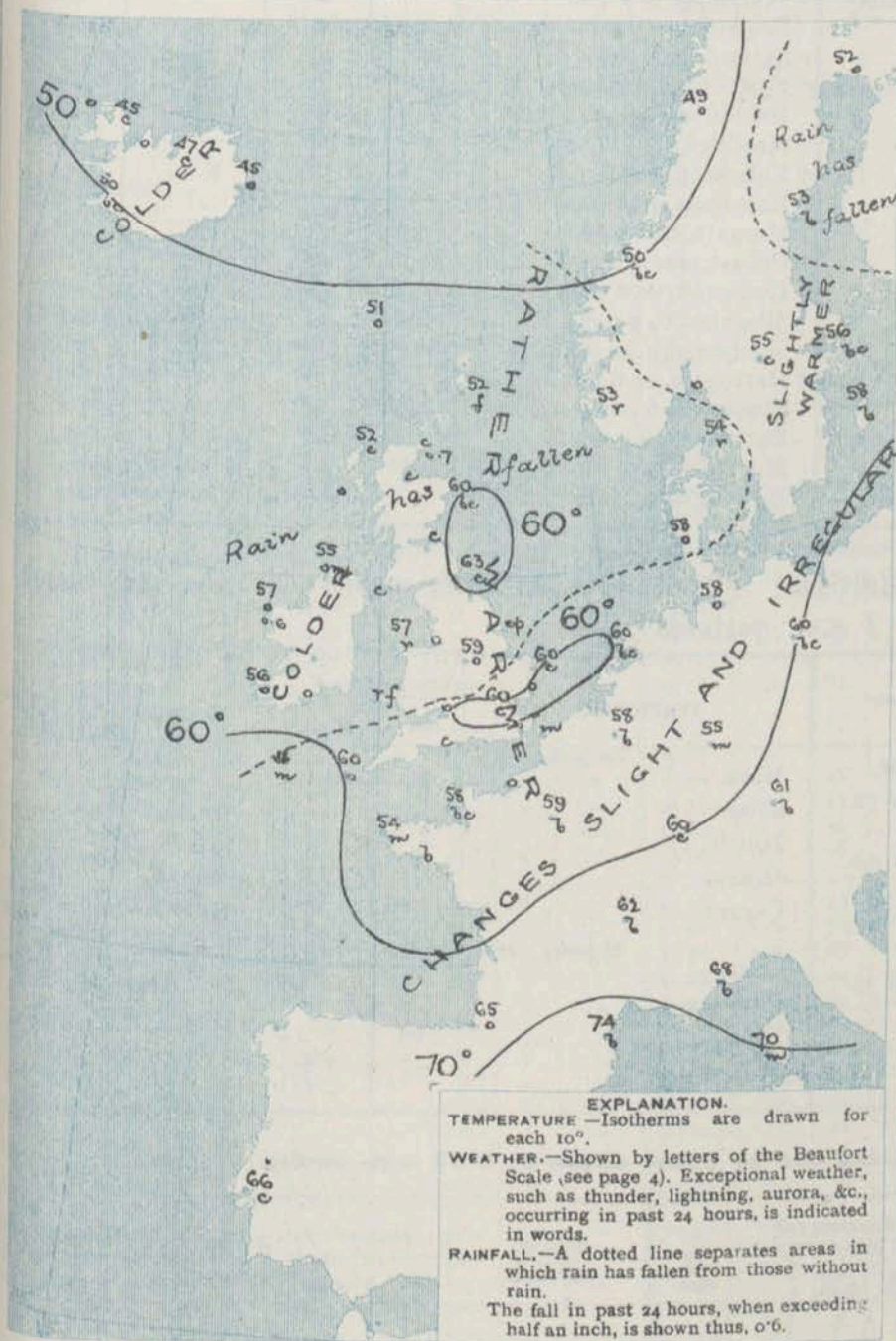
Calm and light variable breezes prevail over France, light to moderate to N.W. breezes, fresh in force in a few isolated situations. Temperature has fallen over the western half of our area, risen in nearly all other localities. At the home stations the values range from 51° at Wick to 63° at Shields; over the western part of the Continent from 54° at Brest to 74° at Perpignan; in Scandinavia from 49° at Bodø to 58° at Wisby; and in Iceland from 45° to 50°. The weather is fine and clear at several of the continental stations, but generally it is very cloudy or overcast, and rain is falling in various parts of England and in Southern Norway. Off Pembroke and Shetland the atmosphere is foggy. The sea is rather rough off Pembroke and Dungeness, moderate to very smooth in all other places.



# CHARTS

21<sup>st</sup> July, 1909.

## 2 TEMPERATURE AND WEATHER AT 7 A.M. TO DAY



### NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 74° at a few southern stations, but was again below 65° in many places. Rain has fallen except in the extreme south of England, more than half an inch at Blackpool Point and Wick. In the far north and west there has been little or no bright sunshine, while in the south and south-east the records are nearly all above 10 hours, exceeding 14 hours at Jersey, Worthing, Bournemouth and Hastings. Wireless reports from the Atlantic show that steamers experienced light to moderate S.W. winds and fine to cloudy or misty weather as far west as the 17th meridian.

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

There are some indications of secondary disturbances which will pass across the country from the westward, and maintain a generally unsettled type of conditions.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 { a  
b
- 1
- 2 { a  
b
- 3
- 4 { a  
b
- 5
- 6 { a  
b
- 7 { a  
b
- 8 { a  
b
- 9 { a  
b
- 10 { a  
b

Winds between S.W. and W.S.W., fresh or strong at times; changeable, gusty, some rain, local coast mist or fog; temperature moderate, air rather close.

### II WESTERN CHANNEL AND BAY

S.W. to W.S.W. winds fresh to light in north, light variable S.W. in south; sea moderate to smooth; generally dull, some showers, local mist or fog; cool.

### FORECAST DISTRICTS.

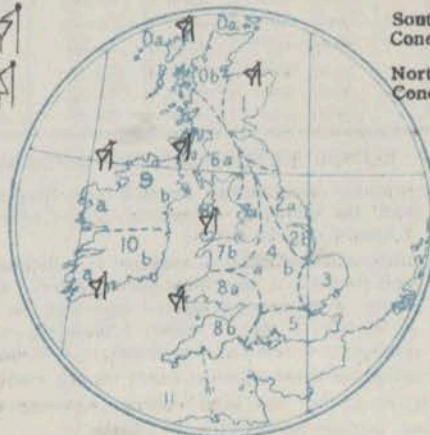
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South  
Coast.  
North  
Coast.

South  
Coast.  
North  
Coast.





## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 8 p.m. ...	59	52	r. o	0.5	-	+ Werthing, to 6 p.m. ...	67	49	b	14.3	-
Oban, to 6 p.m. ...	59	52	r. o	0.0	0.35	Brighton, to 6 p.m. ...	67	50	"	13.4	-
Dublin (City), to 4 p.m. ...	70	53	b. c. o.	"	-	+ Seaford, to 6 p.m. ...	64	48	b	14.3	-
Rossall Beach, to 6 p.m. ...	62	54	c. o. d. c	"	0.02	+ Eastbourne, to 6 p.m. ...	66	52	"	14.1	-
Blackpool, to 9 p.m. ...	63	54	c. o	2.0	-	Bexhill-on-Sea, to 9 p.m. ...	67	60	b	13.8	-
Southport, to 9 p.m. ...	64	54	c. c. b	0.8	-	+ Hastings ...	"	"	"	14.6	-
+ Rhyl, to 6 p.m. ...	66	53	b. bc	4.8	-	+ Folkestone, to 6 p.m. ...	66	58	b. bc	13.2	-
+ Colwyn Bay, to 6 p.m. ...	68	56	b. bc	4.0	-	+ Ramsgate, to 6 p.m. ...	"	"	"	11.7	-
Llandudno, to 9 p.m. ...	67	53	b. bc. c	3.7	-	+ Margate, to 6 p.m. ...	73	56	b	11.7	-
Bettws-y-Coed, to 6 p.m. ...	65	46	b. bc. c	3.5	"	+ Felixstowe, to 6 p.m. ...	73	48	"	12.0	-
Towyn, to 6 p.m. ...	64	47	"	2.5	-	+ Lowestoft, to 6 p.m. ...	70	47	c. bc. c	11.0	-
Aberystwyth, to 6 p.m. ...	63	50	"	3.5	-	+ Skegness, to 6 p.m. ...	70	55	b. bc	9.8	-
Plymouth, to 9 p.m. ...	74	52	b	13.1	-	Scarborough, to 9 p.m. ...	70	50	bc	8.6	-
Torquay, to 6 p.m. ...	74	51	"	13.0	-	+ Harrogate, to 6 p.m. ...	65	45	c. bc. c. op	5.0	-
+ Weymouth, to 6 p.m. ...	70	51	b	12.8	-	Buxton, to 6 p.m. ...	65	48	c. b	8.1	-
+ Bournemouth, to 6 p.m. ...	71	46	b	13.7	-	Darwen, to 9 p.m. ...	64	48	c. b. c. g. m	3.8	-
Southsea, to 6 p.m. ...	71	52	"	12.7	-	Manchester, to 9 p.m. ...	66	48	b. bc. b. bc. o	3.6	-
						Birmingham, to 9 p.m. ...	72	49	b. o	8.7	-

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		Weather.	RAIN.	STATIONS.	TEMPERATURE F.		Weather.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 20 July 1909.	66	57	b. c. b	Ins.	Malta ... 20 July 1909.	82	70	b	Ins.
Copenhagen ...	64	52	r. o	0.08	Berne ...	"	"	b. c	0.04
Vardö (North Cape) ...	52	48	b. bc	-	Zurich ...	"	"	b. c	0.16
St. Petersburg ...	66	54	b. bc	0.04	Geneva ...	"	"	b. c	-
Vienna ...	79	64	b. c	-	Lugano ...	"	"	b. c	0.12
Buda-Pesth ...	86	64	b. c	-	Coire ... 19 July 1909.	79	1.30 p.m.	b	Measured 7.30 a.m.
Hermanstadt ...	79	57	c. b	-	Castasegna ...	Not recd.			
Trieste ...	79	66	b. bc	0.12	Davos ...	68	"	b	-
Florence ...	91	75	b. bc	-	St. Gothard ...	59	"	b	-
Rome ...	Not recd.			-					
Naples ...	83	68	b. bc	-					

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Air.	Dry Bulb.	Wet Bulb.			Lat.	Long.		Dir.	Force.	
H.M.S. ...	51° 15' N.	9° 19' W.	30.37	WSW	3	c	61	59	58	1	Minnetonka July 20 4am	50° N.	17° W.	30.53	SW	1-3	
	50° 47' N.	7° 55' W.	30.23	WSW	1	c	63	61	60	2	" 7am	50° N.	16° W.	30.52	SW	1-3	
	55° 59' N.	7° 35' W.	30.25	E	2	bc	63	60	62	2	July 19 4am	46° N.	30° W.	30.35	SSW	4-5	
	55° 38' N.	7° 50' W.	30.22	E	4	c	63	59	62	3	" 7am	46° N.	29° W.	30.38	SSW	4-5	
											" 3pm	47° N.	26° W.	30.51	SSW	4-5	
July 21 8am	50° 00' N.	4° 30' W.	30.09	WSW	3	c	59	58		58	Teutonic July 20 4am	48° N.	24° W.	30.51	SSW	1-3	
Lusitania ...	50° N.	19° W.	30.53	W	1-3	c					" 7am	49° N.	20° W.	30.47	SW	1-3	
" 7am	50° N.	10° W.	30.53	W	1-3	c					" 3pm	49° N.	14° W.	30.37	SW	4-5	
" 4am	50° N.	15° W.	30.47	Z	0	-					" 6pm	49° N.	13° W.	30.31	SW	4-5	
Celtic ...	50° N.	16° W.	30.48	SSW	4-5	c					July 19 4am	49° N.	24° W.	30.53	S	1-3	
" 3pm	50° N.	20° W.	30.49	SSW	4-5	-					" 7am	49° N.	23° W.	30.46	S	1-3	
" 6pm	50° N.	21° W.	30.47	SSW	1-3	b					" 3pm	49° N.	21° W.	30.63	SSW	1-3	
" 4am	49° N.	12° W.	30.36	N	1-3	c					" 6pm	49° N.	20° W.	30.61	SSW	1-3	
Minnetonka ...	49° N.	13° W.	30.38	NNE	1-3	c					July 20 3pm	50° N.	14° W.	30.45	SW	4-5	
" 7am	49° N.	17° W.	30.42	SSW	1-3	b					" 6pm	50° N.	13° W.	30.40	SW	4-5	
" 3pm	49° N.	17° W.	30.42	SSW	1-3	b					July 21 4am	49° N.	10° W.	30.17	SW	4-5	
" 6pm	49° N.	18° W.	30.41	WSW	1-3	b					" 7am	49° N.	9° W.	30.15	W	4-5	

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 6.61 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
63, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

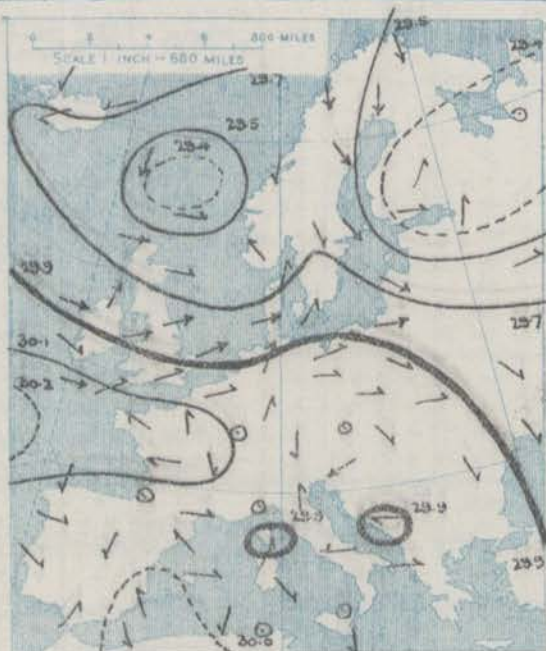
Thursday  
22nd July, 1909

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun-shine.	Rainfall.
		At 32° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Wet Bulb.	Force (0 to 12).			At 32° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).			Max.	Min.			
Ins.		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Hours.	Ins.	
Haparanda...		29.47	48	N	2	o	29.43	-0.4	52	49	o	N	2	o	*	54	39	*	*	-	
Hernösand...		29.50	51	S	2	b	29.44	-1.1	53	49	o	SW	4	o	*	66	48	*	*	-	
Stockholm...		29.50	56	S	2	c	29.45	-1.7	57	53	+1	SE	2	o	*	66	50	*	*	-	
Wisby...		29.50	55	S	4	o	29.42	-1.7	59	56	+1	WSW	6	r	*	63	52	*	*	0.28	
Karlstad...		29.47	58	2	o	c	29.43	-1.26	54	52	-1	E	2	r	*	*	*	*	*	0.39	
Færder (X'laia Fjord)		29.46	55	NNW	1	r	29.41	-1.21	55	55	+1	W	1	o	2	57	54	*	*	-	
Bodö...		29.57	51	ENE	2	b	29.49	-1.5	51	48	+2	NNE	2	b	1	52	41	*	*	-	
Christiansund...		29.43	55	NE	2	b	29.39	-1.27	54	51	+4	NE	1	c	1	55	50	*	*	-	
Skudesnaes...		29.40	54	S	4	o	29.46	-0.8	53	50	o	W	2	o	2	54	46	o	*	0.51	
Isafjord...		29.61	49	NE	4	c	29.59	-1.7	47	*	+2	NE	5	c	*	*	*	*	*	*	
Reykjavik...		29.45	55	2	o	c	29.44	-1.24	49	*	-1	E	4	c	*	*	*	*	*	*	
Seydisfjord...		29.62	47	ENE	5	r	29.61	-1.3	44	*	-1	ENE	5	m	*	*	*	*	*	*	
Thorshavn...		29.49	50	E	3	o	29.41	-0.0	51	*	o	2	o	o	*	*	*	*	*	*	
Sumburgh Head		29.36	50	W	4	o	29.35	-1.09	50	49	-2	W	2	o	2	55	48	o	*	0.01	
Stornoway...		29.59	54	WNW	3	o	29.45	-1.11	53	52	+1	W	2	o	2	58	49	c.g. o. odpm	5.2	0.02	
Castlebay (Barra Id.)		29.61	54	W	3	o	29.49	-1.18	53	53	-1	W	3	d	3	57	51	om. odpm	0.1	0.05	
Malin Head...		29.66	55	W	4	ogm	29.54	-1.19	54	54	-1	SW	4	rm	3	57	53	ogpm. om	*	0.06	
Blacksod Pt. ...		29.80	57	WSW	5	op	29.52	-1.34	56	55	-1	SW	5	rq	5	59	56	om. op. odpm	*	0.04	
Valencia...		29.93	58	WSW	3	o	29.73	-1.26	57	56	+1	S	3	m	4	60	56	op. c. o. atm	0.7	0.05	
Roche's Point...		29.90	61	NW	2	o	29.79	-1.17	57	56	-1	WSW	3	o	3	64	55	o. o. g	*	-	
Birr Castle...		29.83	59	WNW	5	o	29.66	-1.23	56	55	-1	S	4	of	*	62	54	c. o.	0.5	0.12	
Donaghadee...		29.74	60	WSW	2	o	29.64	-1.15	55	54	-1	WSW	3	o	2	64	54	b.c.p. c.g. cp	*	0.02	
Liverpool Obsy...		29.79	58	WSW	4	o	29.73	-1.09	57	56	-2	WSW	4	o	4	63	56	b.c. o. o. d.	2.3	0.02	
Holyhead...		29.81	59	W	2	odp	29.74	-1.12	56	55	-1	SW	4	o	3	65	55	c. odpm	*	0.01	
Pembroke (St. Ann's Hd.)		29.88	57	SW	4	c	29.80	-1.13	56	55	o	SW	3	cq	5	59	55	r. f. c. g	1.6	-	
Scilly (St. Mary's)...		29.99	59	WNW	3	o	29.93	-1.11	58	55	-2	WSW	3	c	1	62	57	o	1.5	0.04	
Jersey (St. Aubins)...		30.02	60	W	4	o	29.98	-1.13	59	56	+1	WSW	4	o	3	65	56	c. o. ogpm	7.3	0.01	
Portland Bill...		29.89	59	WSW	5	cm	29.88	-1.14	58	57	o	WSW	5	o	4	59	57	o. cm	1.0	-	
Dungeness...		29.88	60	SW	5	o	29.83	-1.16	60	58	o	SW	5	o	5	63	57	o. c. o.	5.0	-	
Dover...		*	*	*	*	*	29.85	-1.14	60	57	+2	SW	3	c	1	64	56	o. c. b. c. c	6.3	-	
Wick...		29.51	50	W	4	c	29.47	-1.03	51	46	o	W	2	c	1	58	46	-	*	0.02	
Nairn...		29.54	57	W	2	c	29.47	-1.08	54	52	-2	2	o	o	1	64	52	c	5.3	0.02	
Aberdeen...		29.54	62	WNW	2	c	29.50	-1.04	57	54	-3	2	o	o	1	67	54	b.c. c. o.	4.7	-	
Leith...		29.62	61	WSW	3	c	29.54	-1.10	55	53	-4	WSW	3	c	*	66	55	b.c. c. op	*	0.01	
North Shields...		29.66	63	WSW	3	c	29.61	-1.09	59	55	-4	WSW	3	c	2	69	54	op. c	2.6	-	
Spurn Head...		29.74	63	WSW	6	o	29.69	-1.09	59	56	o	SW	4	o	3	66	56	o	*	-	
Yarmouth...		29.76	69	WSW	4	b	29.76	-1.13	60	57	o	WSW	3	c	3	71	57	p. c. b. c	4.0	0.07	
Clacton-on-Sea...		29.82	67	WSW	4	b	29.80	-1.14	59	57	-1	WSW	4	o	3	69	57	op. o. b. c. o	3.6	-	
Nottingham...		29.81	62	W	3	o	29.75	-1.12	59	56	o	W	3	o	*	67	57	o. cp. o	0.7	0.01	
Bath...		29.90	62	W	3	o	29.85	-1.14	60	57	o	W	4	o	*	69	58	d. c. o.	1.7	-	
Oxford...		29.86	60	WSW	4	o	29.82	-1.13	61	57	+2	WSW	5	o	*	69	57	r. o. b. c. o	*	0.01	
London (St. James' & Pk)		29.84	68	SW	4	o	29.82	-1.15	60	57	o	SW	3	c	*	69	58	op. o. b. c. o	0.9	-	
The Scaw (Skagen)		29.46	57	WNW	2	o	29.46	-1.20	56	53	+2	W	5	o	2	59	52	*	*	0.39	
Fanø...		29.63	57	WNW	4	o	29.62	-1.13	58	56	o	WNW	4	o	*	59	55	*	*	0.12	
Cuxhaven†...		29.76	60	W	4	o	29.69	-1.18	60	57	+2	WSW	4	r	*	66	58	*	*	0.67	
The Helder...		29.78	60	SW	4	c	29.75	-1.14	60	58	o	WSW	3	c	2	61	55	*	*	0.28	
Brussels...		*	*	*	*	*															
Berlin†...		29.78	71	2	o	c	29.75	-1.24	64	82	+4	SW	2	o	*	79	60	*	*	0.08	
Frankfurt†...		29.91	67	SW	3	c	29.88	-1.18	64	66	+4	SW	5	c	*	77	50	*	*	-	
Munich†...		29.93	64	NW	2	b	29.98	-1.11	64	65	+3	SW	5	b	*	70	55	*	*	-	
C. Gris Nez		29.91	58	WSW	4	r	29.85	-1.15	59	57	o	WSW	4	c	4	61	57	*	*	-	
La Hève...		30.00	63	WSW	4	c	29.97	-1.13	58	55	+2	SSW	5	o	4	64	54	*	*	-	
Brest...		30.08	60	SW	3	o	30.03	-1.13	59	57	+5	WSW	3	o	2	70	54	*	*	-	
Lorient...		?	63	W	4	b	?	?	59	58	+3	W	3	o	2	73	56	*	*	-	
Rochefort...		30.05	70	WNW	3	b	30.08	-1.03	64	59	o	NW	2	b	*	74	63	*	*	-	
Biarritz...		30.07	72	NNW	3	b	30.13	+0.04	66	63	+1	SW	3	b	2	75	64	*	*	-	
Paris...		29.98	73	WSW	2	b	29.97	-1.14	63	60	+4	S	2	b	*	78	55	*	*	-	
Belfort...		29.98	70	W	4	m	30.03	-1.07	64	58	+4	W	4	m	*	77	53	*	*	-	
Lyons...		29.99	75	NNE	1	b	30.15	+0.04	64	58	+2	2	o	b	2	79	67	*	*	-	
Nice...		29.93	70	W	1	b	29.95	-1.02	71	67	+3	2	o	b	*	77	64	*	*	-	
Perpignan...		29.96	78	SE	1	b	30.03	+0.01	71	62	-3	2	o	b	*	88	62	*	*	-	
Sanguinaire...		29.86	77	W	2	m	29.87	+0.02	72	64	+2	E	2	m	2	*	*	*	*	-	
Corunna...																					
Lisbon...		30.04	69	2	o	b	30.08	+0.02	69	63	+3	N	3	b	*	79	63	*	*	-	
Azores (P. Delgado)...																					
" Horta...		30.37	69	NNE	2	b	30.34	-1.04	70	65	o	NW	1	b	1	75	64	*	*	-	

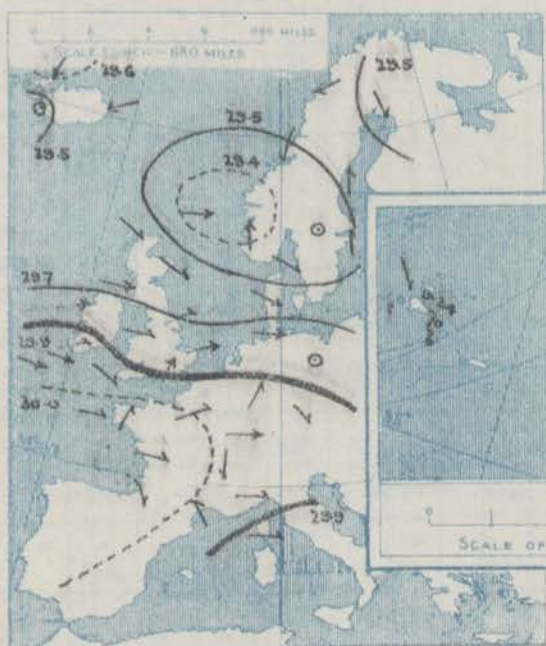


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

7 A.M. YESTERDAY.



6 P.M. YESTERDAY



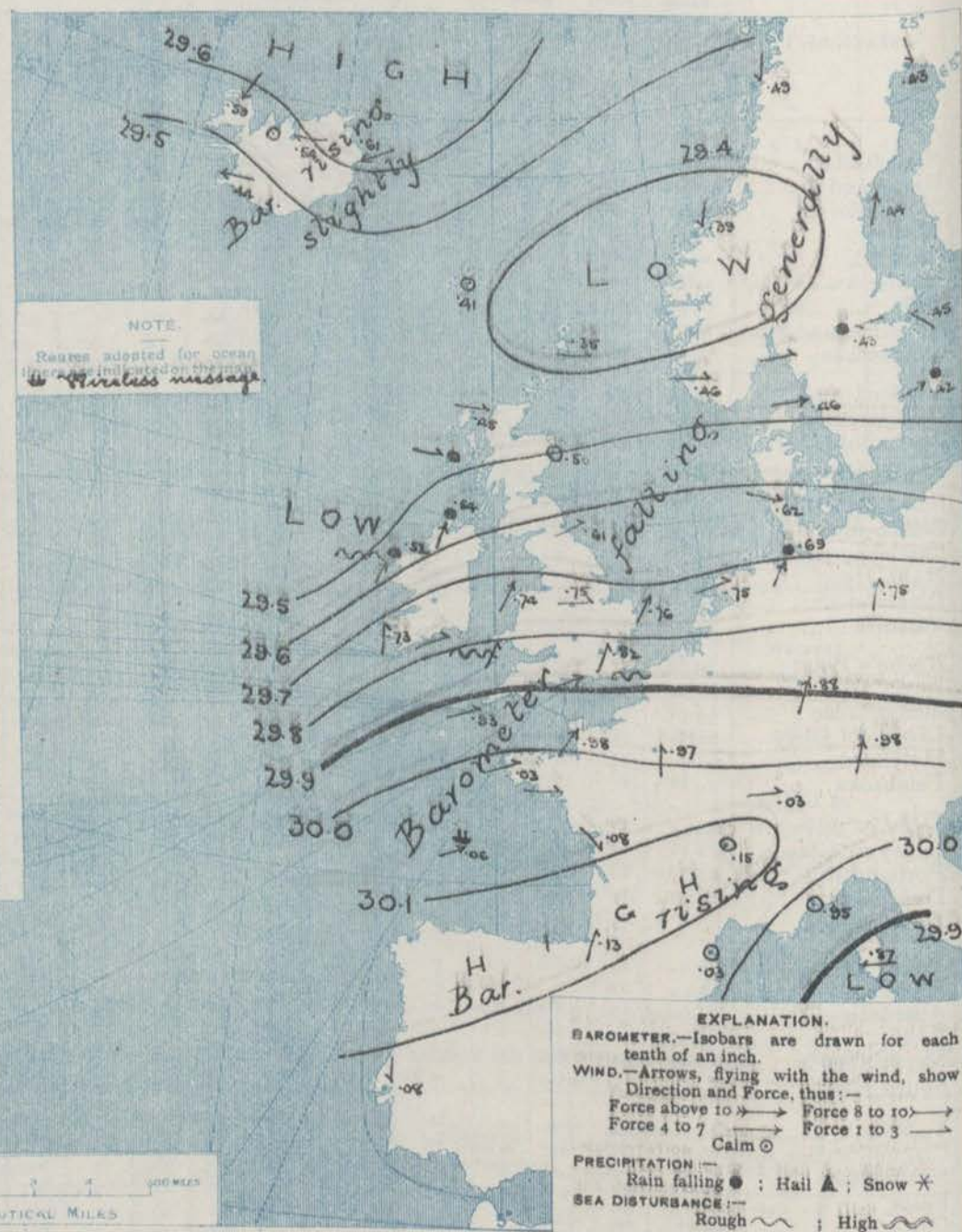
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF JULY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Thursday.

WEATHER 22<sup>nd</sup> July.

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A depression with the barometer below 29.4 ins. extends from the Faeroe across to Sweden. Another is approaching our western coasts, and the barometer has fallen to 29.5 ins. in Mayo. Pressure is relatively high, above 30.1 ins. in the southwest of France; at the Azores it is above 30.3 ins. The gradient is moderate across the British Isles, slight elsewhere.

Calms and light to fresh E. to S.W. breezes prevail from Northern Scandinavia to Iceland. Over the rest of the region under observation W. and S.W. winds are reported, but few places exceed the force of a light or moderate breeze. The changes of temperature are slight. At the home stations the values range from 50° in Shetland to 60° over South-eastern England; over Western Europe from 58° at Havre to 71° at Biscay and Perpignan; in Scandinavia from 51° at Bodø to 59° at Wisby; in Iceland from 44° to 51°. On the Bay of Biscay the air temperature is 63°, that of the water 64°. Cloudless skies are reported over the southern half of France, but elsewhere the weather is very cloudy or overcast, rain is falling at several of our more western stations, in Southern Sweden and at Luchaven. Locally on the western coasts and down the Bay of Biscay the atmosphere is misty. The sea is rather rough off Oungeness, Pembroke and Blackhead Point, moderate to very smooth elsewhere.



# CHARTS 22<sup>nd</sup> July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M TO DAY.



### NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 71° at Lowestoft, Yarmouth and Scarborough, but at the majority of stations the maxima were below 65°, in several instances below 60°. Showers have fallen generally. As a rule the bright sunshine records were very small, none at all at some of the Welsh stations, but Jersey had 7.5 hrs. and Scarborough 9 hours. Wireless reports show that steamers experienced light to strong W. winds and cloudy to misty weather outside our southwestern coasts and on the Bay.

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

The new depression indicated beyond Ireland threatens an unsettled, breezy S.W. type of conditions over the country generally.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 { a  
b
- 1
- 2 { a  
b
- 3
- 4 { a  
b
- 5
- 6 { a  
b
- 7 { a  
b
- 8 { a  
b
- 9 { a  
b
- 10 { a  
b

Increasing S.W. winds;

squally, dull, unsettled, some rain,

local coast mist or fog; close.

temperature below the normal.

### II WESTERN CHANNEL AND BAY

Freshening W. and S.W. winds; sea smooth to moderate, considerable N.W. swell; squally, dull, unsettled, some rain, mist or fog; moderate temperature.

### FORECAST DISTRICTS.

Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South  
Cone.  
North  
Cone.

South  
Cone.  
North  
Cone.



None

issued.



# DAILY WEATHER REPORT.

Thursday, 22nd July, 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	59	54	r. o	5.9	0.21	+ Worthing, to 6 p.m. ...	64	52	c. c. o	1.5	-
Oban, to 6 p.m. ...	59	54	r. o	0.3	0.33	Brighton, to 6 p.m. ...	63	54	"	0.1	-
Dublin (City), to 4 p.m. ...	68	58	q. c. o	"	0.04	+ Seaford, to 6 p.m. ...	62	54	"	0.7	-
Rossall Beach, to 6 p.m. ...	61	57	c. b. c. o	"	0.06	+ Eastbourne, to 6 p.m. ...	63	55	"	1.5	-
Blackpool, to 6 p.m. ...	63	57	"	1.0	0.07	Bexhill-on-Sea, to 9 p.m. ...	63	59	"	2.1	-
Southport, to 9 p.m. ...	62	58	o. t. c. o	0.1	0.08	+ Hastings ...	"	"	"	1.7	-
† Rhyi, to 6 p.m. ...	65	58	o. b. c. o	0.7	0.05	Folkestone, to 6 p.m. ...	65	51	"	2.9	-
Colwyn Bay, to 6 p.m. ...	68	"	b. c. d	1.5	0.05	+ Ramsgate, to 6 p.m. ...	68	54	b. o. b	6.2	-
Llandudno, to 9 p.m. ...	63	56	b. c. c. r. o	0.0	0.14	+ Margate, to 6 p.m. ...	69	55	"	4.0	-
Bettws-y-Ced, to 6 p.m. ...	62	56	"	0.1	"	+ Felixstowe, to 6 p.m. ...	71	56	c. o. c. b. c. o	4.1	-
Towyn, to 6 p.m. ...	62	58	r. o	0.0	0.32	+ Lowestoft, to 6 p.m. ...	68	58	r. c. b. b. c	2.8	0.21
Aberystwyth, to 6 p.m. ...	61	56	"	0.0	0.14	+ Skagness, to 6 p.m. ...	71	57	b. c	5.4	0.05
Plymouth, to 9 p.m. ...	67	59	"	3.6	-	Scarborough, to 9 p.m. ...	64	56	o. t. b. c. c	9.0	0.04
Torquay, to 6 p.m. ...	65	56	c. o	1.0	-	+ Harrogate, to 6 p.m. ...	60	54	c. o. o. d. o	5.7	0.33
Weymouth, to 6 p.m. ...	66	54	o. b. c. p. b. c	0.9	0.01	Buxton, to 6 p.m. ...	59	54	c. g. r	0.1	0.35
+ Bournemouth, to 6 p.m. ...	66	56	"	3.0	-	Darwen, to 9 p.m. ...	64	51	o. o. r. o. c. b. c. o	0.6	0.12
Southsea, to 6 p.m. ...	66	56	"	"	-	Manchester, to 9 p.m. ...	69	56	r. c. o	3.7	0.17
						Birmingham, to 9 p.m. ...					

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 21. July, 1909.	64	55	c. c	Ins.	Malta ... 21. July, 1909.	86	72	b	Ins.
Copenhagen ...	61	51	b. c. r	0.08	Berne ...	"	"	b. c. b	"
Vardö (North Cape) ...	48	45	o. o	-	Zurich ...	"	"	b. c. b	"
St. Petersburg ...	61	50	c. o	1.77	Geneva ...	"	"	b. c. b	"
Vienna ...	72	55	b. c. c	-	Logano ...	"	"	o. b	0.04
Buda-Pesth ...	73	57	b. c. b	-	Coire ... 20 July, 1909. 1.30 p.m.	68	"	b	Measured 7.30 a.m. 0.04
Hermanstadt ...	81	63	c. b	-	Castasegna ...	79	"	b. c	"
Trieste ...	82	67	o. o	-	Davos ...	59	"	b	"
Florence ...	86	64	b. b	-	St. Gothard ...	46	"	b. c	0.04
Rome ...	80	67	b. o	0.79					
Naples ...									

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Air.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
H.M.S. ...	58° 16' N.	6.4 W.	30.05	W	3	c	62	62	62	3	Saxonia ... July 21. 3pm	51° N.	12° W.	30.09	WNW	4-5	
	57° 57' N.	6.17 W.	30.04	W	3	m	61	60	61	3	" 6pm	51° N.	11° W.	30.07	W	4-5	
	56° 28' N.	7.20 W.	30.04	W	3	m	63	-	-	-	" 3pm	51° N.	11° W.	29.95	W	4-5	
	56° 01' N.	7.41 W.	30.06	WSW	3	m	62	62	64	3	" 6pm	51° N.	12° W.	29.94	W	4-5	
Minnetonka ...	48° N.	22° W.	30.30	WSW	4-5	-	-	-	-	-							
	48° N.	23° W.	30.26	SW	4-5	b	-	-	-	-							
	48° N.	26° W.	30.27	WNW	4-5	-	-	-	-	-							
	47° N.	27° W.	30.28	WNW	4-5	o	-	-	-	-							
Zealand ...	48° N.	20° W.	30.37	WSW	4-5	-	-	-	-	-							
	48° N.	21° W.	30.34	WSW	4-5	f	-	-	-	-							
	48° N.	25° W.	30.39	SSW	4-5	-	-	-	-	-							
Saxonia ...	49° N.	24° W.	30.39	SSW	4-5	c	-	-	-	-							
	49° N.	21° W.	30.31	WSW	4-5	-	-	-	-	-							
	49° N.	20° W.	30.29	WNW	4-5	o	-	-	-	-							

### NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
48, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

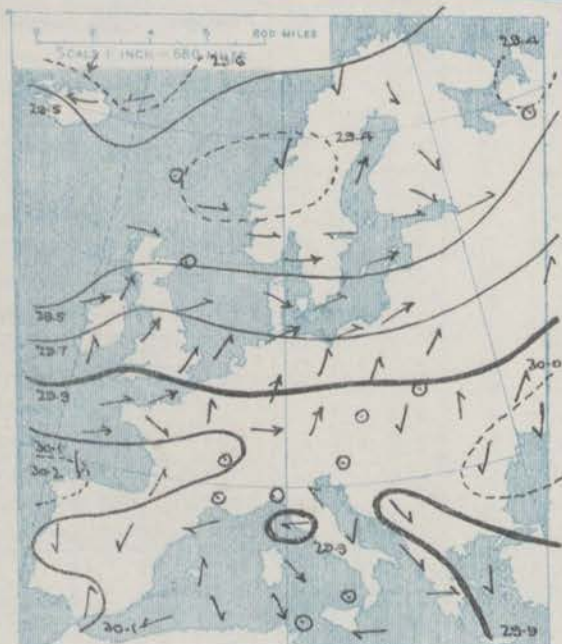
Friday  
23rd July 1909.

STATIONS.	YESTERDAY EVENING.						THIS MORNING.										PAST 24 HOURS.				
	BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun. shes.	Rainfall.	
	At 28° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Force (0 to 12).	At 29° Fahr. and M.S.L. Lat. 45°			Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Max.			Min.					
Ins.	°				Ins.	Ins.	°	°	°	°	°	°	°	°	°	°	°	Hours.	Ins.		
SCANDINAVIA.	Haparanda...	29.49	52	W	2	0	29.52	+0.9	51	52	+5	N	2	0	61	45	*	*	-		
	Hernösand...	29.41	53	?	2	0	29.46	+0.2	52	51	-1	ENE	2	0	66	45	*	*	0.43		
	Stockholm...	29.45	54	SSW	2	0	29.49	+0.4	55	54	-2	WSW	2	0	59	54	*	*	0.08		
	Wishby...	29.47	53	W	4	0	29.57	+1.5	61	56	+2	W	4	0	64	52	*	*	-		
	Karlstad...	29.43	57	Z	0	0	29.47	+0.4	57	53	+3	SW	2	0	58	58	*	*	0.21		
	Färder (X'ianta Fjord)	29.40	60	SSW	2	0	29.41	0.0	57	54	+2	SW	5	0	59	55	*	*	-		
	Bodö...	29.43	54	ENE	2	0	29.46	-0.4	56	49	+5	E	2	0	56	50	*	*	-		
	Christiansund...	29.45	54	W	1	0	29.57	-0.2	51	51	-3	NE	1	0	57	50	*	*	-		
ISLAND & FAEROE.	Skudesnaes...	29.50	54	S	4	0	29.30	-1.6	54	53	+1	S	2	0	56	52	0.0	0	0.35		
	Isafjord...	29.70	49	ENE	4	0	29.85	+2.6	46	*	-3	NE	3	0	*	*	*	*	*		
	Reykjavik...	29.55	58	N	1	0	29.69	+2.5	50	*	+1	N	4	0	*	*	*	*	*		
	Seydisfjord...	29.63	51	ENE	5	0	29.69	+0.8	46	*	+2	ESE	5	0	*	*	*	*	*		
BRITISH ISLANDS.	Thorshavn...	29.37	55	Z	0	0	29.20	-2.1	48	*	-3	NE	4	0	*	*	*	*	*		
	Sumburgh Head	29.37	52	S	3	0	29.20	-1.5	50	43	0	W	3	0	55	47	c. o. r	0	0.80		
	Stornoway...	29.25	55	SW	6	0	29.11	-2.4	50	43	-3	SW	6	0	58	48	om. or. c.	3.2	0.42		
	Castlebay (Barra Id.)	29.35	53	WNW	5	0	29.23	-2.6	52	50	-1	W	7	0	57	50	adm. b. p. o	4.3	0.11		
GERMANY, & C.	Malin Head	29.40	54	W	5	0	29.36	-1.8	53	51	-1	W	5	0	49	50	om. c. q. p. o	*	0.13		
	Blacksoil Pt.	29.56	55	WSW	6	0	29.52	0.0	55	50	-1	W	6	0	61	50	agp. b. c. q.	*	0.16		
	Valencia...	29.77	59	W	4	0	29.70	-0.3	54	51	-3	WSW	4	0	61	52	opm. c. b. c.	4.8	0.06		
	Roche's Point...	29.73	61	NW	4	0	29.73	-0.6	55	52	-2	WSW	3	0	66	51	df. c. b. c.	*	-		
	Birr Castle	29.65	59	WSW	5	0	29.63	-0.3	53	50	-3	SW	4	0	64	47	op. c.	4.1	0.02		
	Donaghadee...	29.50	58	W	4	0	29.55	-0.9	50	43	-5	SW	4	0	65	47	b. c. b. c.	*	0.17		
	Liverpool Obsy...	29.58	61	SSW	3	0	29.67	-0.6	53	50	-4	SW	3	0	67	50	b. c. o. r. t.	2.1	0.08		
	Holyhead...	29.60	59	WSW	5	0	29.65	-0.9	56	53	0	WSW	6	0	59	51	om. c. df.	*	0.13		
	Pembroke (St. Ann's Hd.)	29.68	58	SW	6	0	29.73	-1.0	56	53	0	SW	5	0	60	54	c. g. o. q. b. c.	3.3	0.02		
	Scilly (St. Mary's)	29.84	59	W	4	0	29.84	-0.9	58	55	0	SW	3	0	66	57	c. o.	3.5	0.04		
	Jersey (St. Aubins)	29.93	63	W	4	0	29.89	-1.0	60	58	+1	WSW	4	0	66	58	ogm. b. opm.	3.3	0.02		
	Portland Bill	29.80	59	SSW	6	0	29.80	-0.8	57	54	-1	SW	4	0	60	57	c. o.	3.2	-		
FRANCE.	Dungeness...	29.80	61	SW	6	0	29.81	-0.2	59	57	-1	WSW	4	0	62	57	c. op. c.	2.6	0.04		
	Dover...	29.80	61	SW	6	0	29.81	-0.2	59	57	-1	SW	3	0	63	55	b. c. c. op. c.	6.2	0.01		
	Wick...	29.29	55	W	2	0	29.23	-2.4	52	49	+1	S	2	0	59	45	-	*	0.04		
	Nairn...	29.27	56	WSW	3	0	29.24	-2.3	51	47	-3	WSW	2	0	69	47	o. b. c. b. c.	5.3	-		
	Aberdeen...	29.36	58	SSE	3	0	29.34	-1.6	54	50	-3	SSW	2	0	67	48	c. b. c. op. ew	1.8	0.03		
	Leith...	29.39	61	SW	4	0	29.41	-1.3	53	48	-1	SW	6	0	64	50	o. c. q. b.	*	0.07		
	North Shields	29.51	62	S	4	0	29.54	-1.0	56	50	-3	SW	3	0	65	49	o. op. t. g.	1.9	0.06		
	Spurn Head	29.60	65	SSW	4	0	29.65	-0.4	56	51	-3	SW	4	0	68	53	c. b. c. b. p.	*	-		
	Yarmouth...	29.71	68	WSW	4	0	29.71	-0.5	58	54	-2	WSW	4	0	69	56	b. c.	4.1	-		
	Clacton-on-Sea...	29.73	65	SSW	6	0	29.77	-0.3	58	55	-1	W	4	0	70	56	c. o. c. b. c.	3.9	-		
	Nottingham...	29.65	62	SW	4	0	29.68	-0.7	57	52	-2	W	4	0	66	50	op. c. o. b.	0.6	-		
	Bath...	29.76	65	W	3	0	29.80	-0.5	58	54	-2	SW	2	0	68	54	-	3.3	0.02		
SPANISH PENIN.	Oxford...	29.73	61	SSW	5	0	29.78	-0.4	59	54	-2	SW	5	0	68	52	o. b. c. o. r. b. c.	*	0.01		
	London (St. James's Pl.)	29.76	65	SW	5	0	29.78	-0.4	57	54	-3	WSW	3	0	68	54	c. o. o. q. p. b. c.	3.5	0.02		
	The Scaw (Skagen)	29.50	56	W	4	0	29.47	+0.1	58	56	+2	SSW	3	0	61	52	*	*	-		
	Fanø...	29.64	57	W	6	0	29.58	-0.4	58	57	0	WSW	4	0	63	55	*	*	0.04		
	Cuxhaven†...	29.73	60	W	3	0	29.69	0.0	59	57	-1	SW	4	0	63	57	*	*	0.12		
	The Helder...	29.74	60	SW	4	0	29.71	-0.4	60	58	0	WSW	4	0	61	55	*	*	-		
	Brussels...	29.84	64	W	2	0	29.84	0.0	59	57	0	SW	3	0	63	56	*	*	-		
	Berlin†...	29.78	64	W	2	0	29.81	+0.6	66	65	+2	W	5	0	70	59	*	*	-		
	Frankfurt†...	29.88	69	SW	2	0	29.92	+0.4	64	78	0	SW	3	0	79	57	*	*	-		
	Munich†...	29.92	69	SW	2	0	29.99	+0.1	69	68	+5	SW	4	0	75	59	*	*	-		
	C. Gris Nez...	29.84	59	SW	6	0	29.83	-0.2	59	58	0	WSW	3	0	63	57	*	*	-		
	La Hève...	29.95	62	SW	4	0	29.89	-0.8	59	57	+1	W	4	0	64	55	*	*	-		
SPANISH PENIN.	Brest...	29.99	61	SW	4	0	29.93	-1.0	58	53	-1	W	2	0	64	54	*	*	-		
	Lorient...	30.00	62	WSW	4	0	30.04	-0.4	66	63	+2	WSW	1	0	71	61	b. c. b.	*	-		
	Rochefort...	30.06	71	WSW	3	0	30.09	-0.6	67	63	+1	W	1	0	73	66	*	*	-		
	Biarritz...	30.11	70	NW	3	0	30.09	-0.6	67	63	+1	W	1	0	73	66	*	*	-		
	Paris...	29.94	70	W	4	0	29.96	-0.1	59	56	-4	SW	3	0	73	55	*	*	-		
	Belfort...	29.99	74	WSW	7	0	30.02	-0.1	65	57	+1	WSW	4	0	78	55	*	*	-		
	Lyons...	29.98	81	E	1	0	30.07	-0.8	68	58	+4	NW	1	0	86	57	*	*	-		
	Nice...	29.96	71	W	1	0	30.04	+0.9	66	63	-5	2	0	82	63	*	*	-			
	Perpignan...	29.95	85	E	1	0	30.01	-0.2	75	64	+4	SW	1	0	94	63	*	*	-		
	Sanguinaire...	29.93	76	W	1	0	29.93	+0.6	72	64	0	ENE	2	0	*	*	*	*	-		
	Corunna...																*	*	-		
	Lisbon...																*	*	-		
Azores (P. Delgada)...																*	*	-			
Horta...	30.39	71	NNE	2	0	30.38	+0.4	72	68	+2	N	3	0	79	68	*	*	-			

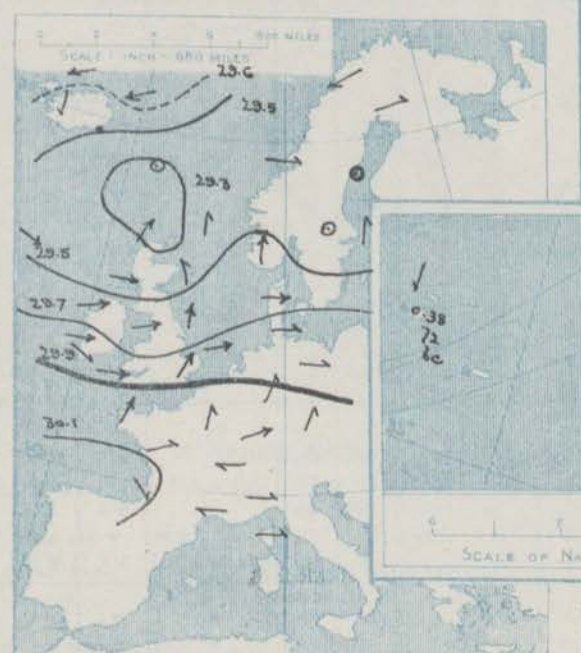


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

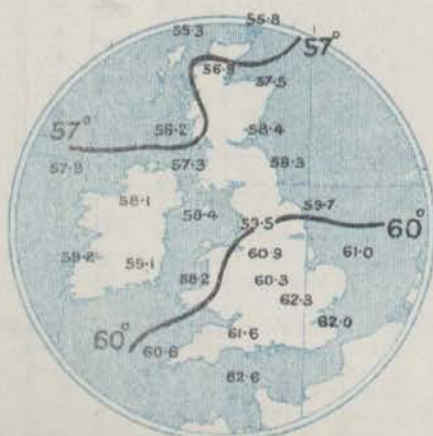
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



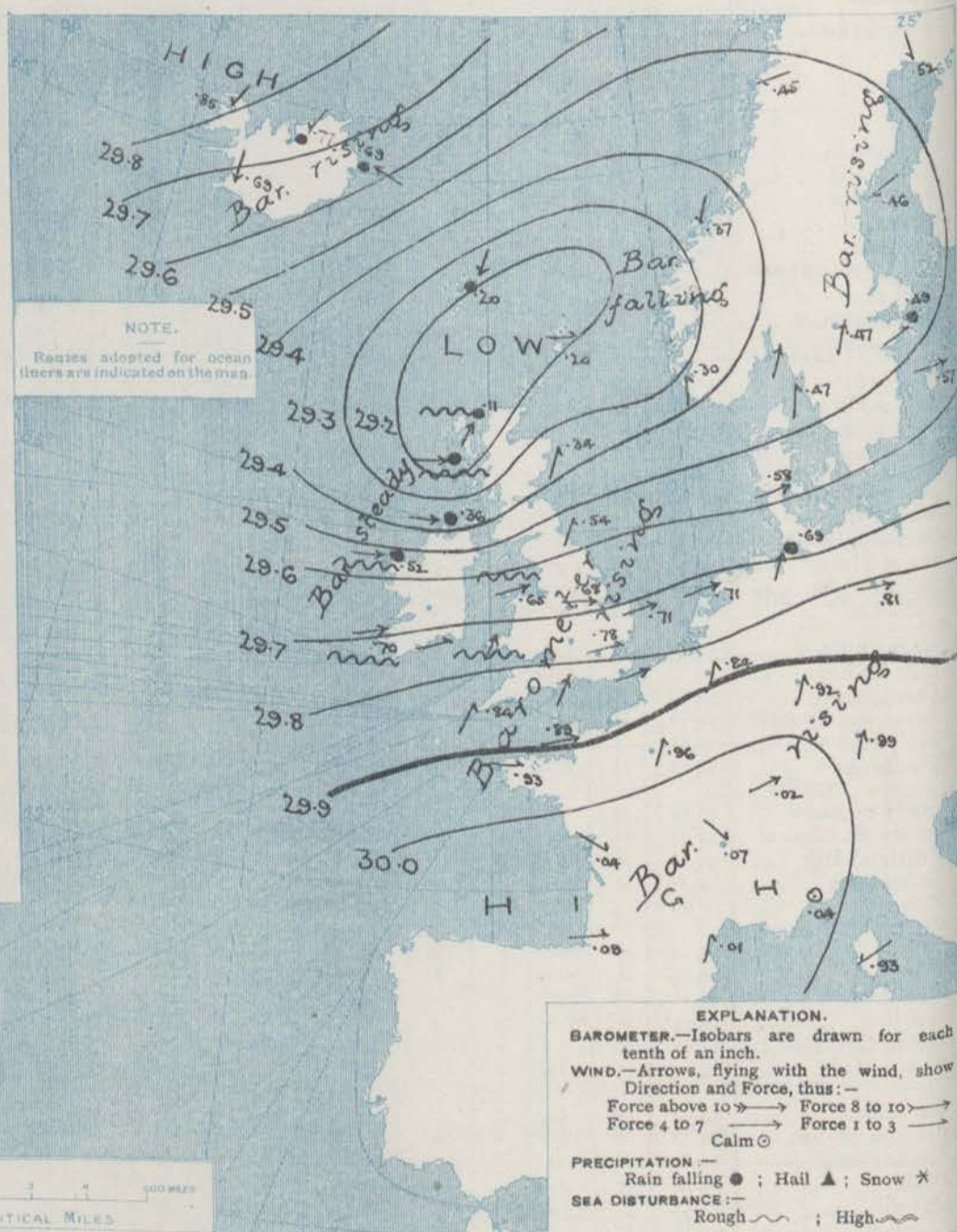
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF JULY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Friday,

WEATHER 23<sup>rd</sup> July

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression which was yesterday morning beyond Ireland is now centred between Scotland and the Faeröe, with the barometer down to 29.1 ins. at Stromway. At the Azores pressure is at about 30.4 ins. and over Southern France a little above 30 ins. The gradient is moderate between the north of France and Iceland.

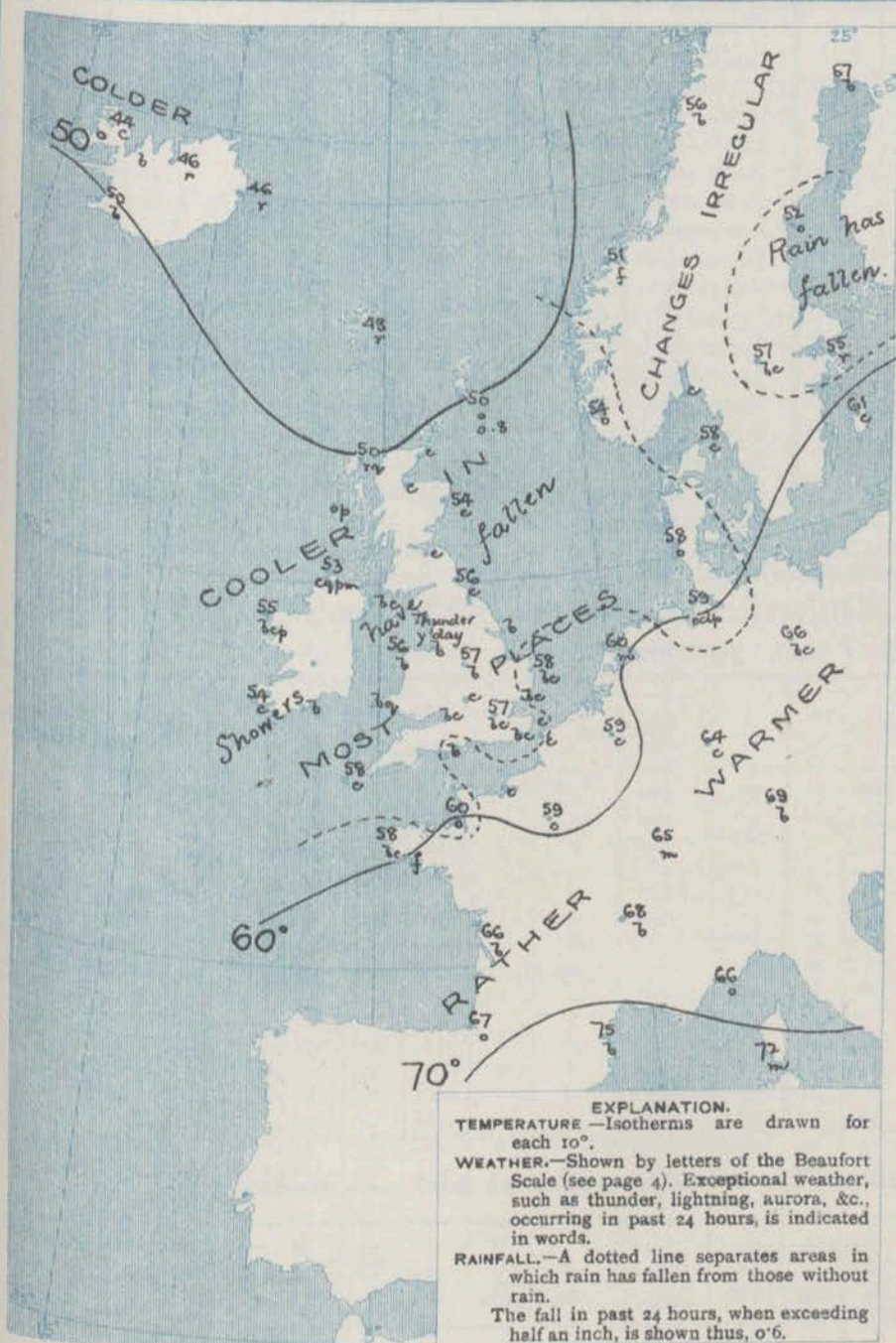
Winds from between E. and N.E. prevail over the extreme northern portion of our area, elsewhere the direction is between S. and W. the force mostly light to moderate, but a fresh or strong breeze is reported locally, and at Castlebay a high wind. At the home stations temperature ranges from 50° to 52° at several places in the north to 59° on the Straits of Dover, and 60° at Jersey; over the western portion of the Continent from 58° at Brest to 75° at Perpignan; in Scandinavia from 51° at Christiansund to 61° at Wisby; and in Iceland from 44° to 50°. The weather is very variable throughout the region under observation, clear and cloudless in some localities, overcast and dull in others. Showers are falling at many of our western stations and at several foreign ones, and the atmosphere is foggy off Lorient and Christiansund. A rough or rather rough sea is running on several parts of our western coast, elsewhere it is moderate to very smooth.



# CHARTS

23<sup>rd</sup> July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M. TO DAY.



### NOTES ON YESTERDAY'S WEATHER

Temperature rose to 70° yesterday only at Clarton-on-Sea and Oban, at Seaford, Weymouth and some other southern stations it did not exceed 60°. In Shetland 0.8 inch of rain has fallen, but over the country generally only light showers. At Llandudno a thunderstorm occurred, and at Liverpool thunder. Bournemouth had no bright sunshine, and several other places less than an hour, but Margate had 6.6 hours, and Ramsgate 8.2 hours. Wireless reports from the Atlantic show that steamers experienced strong N.W. winds, cloudy weather on the southern routes, rainy on the northern routes, as far west as the 25th meridian.

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

The depression in the north is moving slowly N.E., but there are indications of the advance of secondaries towards Ireland, so that the unsettled type of conditions is likely to be maintained for the present.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

0 } S.W. to W. winds, fresh or strong at times locally; gusty, changeable, some rain, local coast mist or fog; cool.

2 } S.W. winds, fresh at times in places; gusty, changeable, some passing showers, local coast mist temperature below the normal; air close.

8 } Same as Nos. 0 & 1.

### WESTERN CHANNEL AND BAY



W. and S.W. winds, fresh at times; sea smooth to moderate; changeable, some showers and fog; cool.



### FORECAST DISTRICTS.

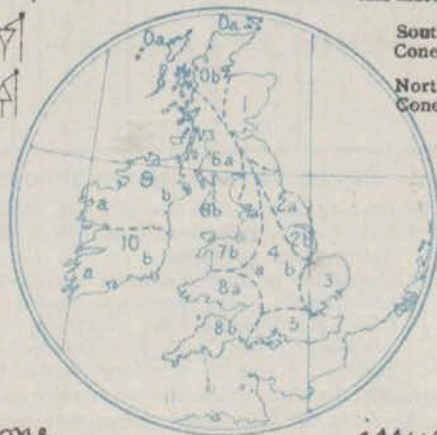
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.   
North Cone. 

South Cone.   
North Cone. 



None

issued.



## DAILY WEATHER REPORT.

Friday, 23rd July, 1909.

## TEMPERATURE, WEATHER, SUNSHINE, AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	70	52	st. bc. c	2.6	-	+ Worthing, to 6 p.m. ...	64	56	o. c. o	2.2	-
Oban, to 6 p.m. ...	67	55	c. st. q. bc	1.5	0.15	+ Brighton, to 6 p.m. ...	62	57	*	0.7	-
Dublin (City), to 4 p.m. ...	67	55	c. st. q. bc	*	0.09	+ Seaford, to 6 p.m. ...	60	59	o. c	1.5	-
Rossall Beach, to 6 p.m. ...	64	57	c. st. q. bc	1.5	0.05	+ Eastbourne, to 6 p.m. ...	67	58	*	1.8	-
Blackpool, to 6 p.m. ...	64	56	o. + c	1.6	0.06	Bexhill-on-Sea, to 9 p.m. ...	62	50	c	0.9	-
Southport, to 9 p.m. ...	66	56	o. + c	1.6	0.04	+ Hastings ...	*	*	*	0.4	-
+ Rhyi, to 6 p.m. ...	64	56	o. c. o. c	2.2	-	+ Folkestone, to 6 p.m. ...	63	55	bc. bc. o	4.5	-
+ Colwyn Bay, to 6 p.m. ...	65	57	d. bc. bc	3.5	-	+ Ramsgate, to 6 p.m. ...	*	*	*	8.2	-
Llandudno, to 9 p.m. ...	66	55	o. st. bc. c	2.8	0.03	Margate, to 6 p.m. ...	68	56	*	6.6	-
Bettws-y-Coed, to 6 p.m. ...	61	58	op. o	0.0	0.04	+ Felixstowe, to 6 p.m. ...	69	57	*	3.9	-
Towyn, to 6 p.m. ...	62	56	*	0.4	-	+ Lowestoft, to 6 p.m. ...	69	57	c. o. c	4.3	-
Aberystwyth, to 6 p.m. ...	65	56	o. bc	1.3	0.03	+ Skegness, to 6 p.m. ...	67	59	c. bc. c	2.0	-
Plymouth, to 9 p.m. ...	66	57	*	3.7	0.31	Scarborough, to 9 p.m. ...	67	63	o. c	2.0	-
Torquay, to 6 p.m. ...	60	58	o. c. bc. o	3.2	-	+ Harrogate, to 6 p.m. ...	66	53	c. op	0.6	-
+ Weymouth, to 6 p.m. ...	66	56	o. bc. o	3.1	-	Buxton, to 6 p.m. ...	65	53	o. t. o. c	4.7	-
+ Bournemouth, to 6 p.m. ...	66	56	s	3.0	-	Darwen, to 9 p.m. ...	64	53	c. v. o. c	2.0	-
Southsea, to 6 p.m. ...	66	55	s	3.0	-	Manchester, to 9 p.m. ...	68	56	st. o. bc. c. t. bc	2.2	-
						Birmingham, to 9 p.m. ...	61	55	o. c	0.1	-

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		Weather.	Rain.	STATIONS.	TEMPERATURE F.		Weather.	Rain.
	Max.	Min.				Max.	Min.		
Flushing ... 22 July 1909	64	59	c. o	Ins.	Malta ... 22 July 1909	80	69	b	Ins.
Copenhagen ...	61	54	r. o	0.24	Berne ...	*	*	bc. bc	-
Vardö (North Cape) ...	46	43	r. r	-	Zurich ...	*	*	b. bc	-
St. Petersburg ...	63	48	o. o	-	Geneva ...	*	*	b. bc	-
Vienna ...	73	57	f. bc	-	Lugano ...	*	*	bc. bc	-
Buda-Pesth ...	79	57	b. bc	-	Coire ... 22 July 1909 1.30 p.m.				1.30 p.m.
Hermanstadt ...	68	50	b. bc	-	Castasegna ...	*	*	*	-
Trieste ...	81	66	b. bc	-	Davos ...	*	*	*	-
Florence ...	87	66	o. bc	-	St. Gothard ...	*	*	*	-
Rome ...	84	66	b. bc	-					
Naples ...	80	68	b. bc	-					

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.	
	Lat.	Long.		Dir.	Force.		Air.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.
Empress of Britain ... July 21 3 p.m.	49N.	31W.	30.17	WNW	4-5	.	.	.	.	.				Ins.		
" " 6 p.m.	49N.	30W.	30.14	WNW	4-5	.	.	.	.	.						
" " July 22 4 a.m.	50N.	25W.	30.03	WNW	6-7	.	.	.	.	.						
" " 7 a.m.	50N.	23W.	30.04	WNW	6-7	.	.	.	.	.						
" " 3 p.m.	50N.	20W.	29.98	WNW	6-7	.	.	.	.	.						
" " 4 p.m.	51N.	19W.	29.96	WNW	6-7	.	.	.	.	.						
Coronia ... July 22 4 a.m.	50N.	17W.	29.80	W	4-5	.	.	.	.	.						
" " 7 a.m.	50N.	18W.	29.84	WNW	6-7	.	.	.	.	.						
Oceanic ... July 22 6 p.m.	51N.	10W.	29.76	WNW	4-5	.	.	.	.	.						

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) 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. gloomy; h. hail; i. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
68, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)

SCANDINAVIA.

ICELAND &amp; FAEROE.

BRITISH ISLANDS.

GERMANY, &amp; C.

FRANCE.

SPANISH PENIN.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday  
24th July 1909.

24th July 1909.																				
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.			
		Barom.		Temp.	Wind.		Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun. shins.	Rainfall.	
		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 Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).		Weather.	Max.				Min.
		Inch.					Inch.	Inch.	°	°	°					°	°		Hours.	Inch.
SCANDINAVIA.	Haparanda...	29.43	56	W	2	c	29.50	-0.2	59	55	+2	2	0	0	*	70	37	*	*	-
	Hernösand...	29.42	51	E	2	o	29.55	+0.9	54	52	+2	5	4	b	*	57	50	*	*	0.16
	Stockholm...	29.51	56	SSW	2	bc	29.57	+0.8	57	53	+2	SW	4	o	*	66	54	*	*	0.16
	Wisby...	29.56	60	SW	4	bc	29.63	+0.6	59	55	-2	SSW	2	o	*	66	54	*	*	-
	Karlstad...	29.48	56	SW	8	b	29.54	+0.7	55	51	-2	SW	6	bc	*	*	*	*	*	0.20
	Færder (X'ania Fjord)	29.43	58	SW	6	b	29.49	+0.8	57	52	0	S	4	bc	3	59	54	*	*	0.12
ICELAND & FAEROE.	Bodö...	29.45	59	E	2	b	29.44	-0.1	59	55	+3	E	2	b	2	61	48	*	*	-
	Christiansund...	29.35	62	WSW	5	r	29.40	+0.3	54	51	+3	WSW	1	c	2	59	50	*	*	0.59
	Skudesnaes...	29.46	55	SSW	4	b	29.37	+0.7	52	50	-2	SSE	4	r	4	57	50	c. b	*	0.01
	Isafjord...	29.93	47	NE	7	bc	29.95	+1.0	45	*	+1	2	0	b	*	*	*	*	*	*
	Reykjavik...	29.71	57	W	4	c	29.82	+1.3	46	*	-4	5	1	b	*	*	*	*	*	*
	Seydisfjord...	29.74	47	E	3	o	29.78	+0.9	44	*	-2	N	3	c	*	*	*	*	*	*
BRITISH ISLANDS.	Thorshavn...	29.31	52	ESE	4	o	29.36	+1.6	51	*	+3	NE	4	o	*	*	*	*	*	*
	Sumburgh Head	29.25	52	SE	2	o	29.21	+0.1	52	51	+2	E	1	bc	1	56	48	*	*	0.03
	Stornoway...	29.11	54	S	6	c	29.26	+1.5	53	51	+3	NNW	4	c	3	56	48	st. cap. bc	3.4	0.15
	Castlebay (Barra Id.)	29.17	53	WSW	4	cp	29.31	+0.8	53	52	+1	NW	3	o	3	54	49	st. cp. o	1.5	0.42
	Malin Head...	29.27	52	WSW	6	ap	29.33	-0.3	53	53	0	W	5	capm	5	57	49	bcapm. ap	*	0.59
	Blacksod Pt.	29.47	56	WSW	6	bcap	29.57	+0.5	54	51	-1	W	4	ap	4	58	50	cap	*	0.11
GERMANY, & C.	Valencia...	29.70	55	WSW	5	c	29.73	+0.3	56	53	+2	WSW	4	c	5	60	53	bcap. c. bc	12.3	0.17
	Roche's Point...	29.67	59	WNW	5	bc	29.72	-0.1	55	52	0	WNW	3	b	2	62	52	cp. bc. c. b	*	0.04
	Birr Castle...	29.57	56	WSW	6	c	29.63	-0.0	55	51	+2	WSW	5	c	*	61	49	cp. c	10.6	0.20
	Donaghadee...	29.45	58	SW	4	c	29.37	-1.8	52	51	+2	WSW	3	c	3	60	50	bc	*	0.13
	Liverpool Obsy...	29.56	59	SW	3	b	29.51	-1.6	55	51	+2	SW	6	c	5	63	50	b. cap. bc	9.5	0.07
	Holyhead...	29.56	56	WSW	6	cap	29.55	-1.0	55	52	-1	WSW	6	c	5	61	51	cp. cap	*	0.18
FRANCE.	Pembroke (St. Ann's Rd.)	29.66	56	WSW	7	b	29.69	-0.4	55	52	-1	WSW	6	bcq	6	58	53	bcq	12.4	0.03
	Scilly (St. Mary's)	29.81	60	W	4	bc	29.83	-0.1	57	54	-1	W	4	cp	2	64	56	c. bc	7.5	0.05
	Jersey (St. Aubins)	29.86	60	W	4	c	29.91	+0.2	59	56	-	SW	5	bc	4	64	56	c. bc. cap	7.0	0.01
	Portland Bill	29.72	59	WSW	6	bc	29.76	-0.4	58	54	+1	WSW	7	bc	5	60	57	bc	10.6	-
	Dungeness...	29.74	61	SW	5	bc	29.78	-0.3	59	55	0	WSW	6	cp	6	64	55	bc. r. q	10.8	0.15
	Dover...	*	*	*	*	*	29.77	-0.4	59	54	0	SSW	4	b	5	62	51	c. bc. b. c. b	10.0	-
SPANISH PENIN.	Wick...	29.22	54	SW	2	bc	29.19	-0.4	50	48	-2	NW	1	c	1	61	40	-	*	0.02
	Nairn...	29.22	55	WSW	3	c	29.18	-0.6	51	49	0	W	1	b	1	63	41	bcq. c	11.3	-
	Aberdeen...	29.30	58	BSW	3	bc	29.20	-1.4	54	50	0	SW	1	c	2	62	50	bcq. bc. c	8.9	-
	Leith...	29.35	60	WSW	4	b	29.21	-2.0	53	50	0	WSW	3	bc	*	63	50	bc. b. cp	*	0.02
	North Shields	29.47	60	SW	4	c	29.35	-1.9	54	51	-2	SW	3	ap	2	64	48	cp. c	?	0.01
	Spurn Head	29.55	58	SSW	5	bc	29.48	-1.7	54	50	-2	SW	6	cp	4	68	50	b. bcq. cp	*	0.01
GERMANY, & C.	Yarmouth...	29.64	66	SW	4	bc	29.64	-0.7	55	51	-3	SW	5	bc	4	69	50	bc. cz	10.2	-
	Clacton-on-Sea...	29.68	63	SW	5	c	29.71	-0.6	57	53	-1	SW	5	b	5	70	53	bc. ap. b	8.8	0.04
	Nottingham...	29.61	58	WSW	5	bc	29.58	-1.0	57	52	0	W	6	c	*	66	49	bc. cp. bc. b	11.4	0.01
	Bath...	29.72	57	W	1	b	29.74	-0.6	54	52	-4	SW	1	r	*	64	52	-	8.0	0.02
	Oxford...	29.70	56	WSW	4	bc	29.72	-0.6	56	52	-3	SW	5	*	*	65	50	c. st. c. bc. o	*	0.06
	London (St. James's Park)	29.70	63	SW	4	ap	29.72	-0.6	57	52	0	SW	4	b	*	69	53	bc. c. ap. b	7.6	0.03
FRANCE.	The Scaw (Skagen)	29.62	55	WSW	3	bc	29.51	+0.4	56	54	-2	SSW	4	c	1	63	50	*	*	0.08
	Fanø...	29.67	55	WSW	4	bc	29.55	-0.3	57	55	-1	WSW	5	bc	*	63	52	bc. b	*	0.16
	Cuxhaven†...	29.76	61	W	3	bc	29.65	-0.4	58	53	-1	SW	4	c	*	64	55	bc. r	*	0.20
	The Helder...	29.69	60	SW	2	c	29.68	-0.3	58	53	-2	WSW	6	bc	3	64	57	*	*	-
	Brussels...	*	*	*	*	*	29.85	+0.1	57	54	-2	SW	5	c	*	67	53	*	*	0.71
	Berlin†...	29.82	67	2	0	0	29.76	-0.5	61	77	-5	W	5	bc	*	75	61	*	*	0.08
SPANISH PENIN.	Frankfurt†...	29.84	68	SSW	3	c	29.91	-0.1	62	66	-2	SW	6	b	*	75	57	*	*	0.04
	Munich†...	29.87	70	2	0	bc	29.96	-0.3	66	68	-3	W	5	o	*	75	59	*	*	-
	C. Gris Nez...	29.75	59	WSW	5	bc	29.79	-0.4	58	55	-1	WSW	5	bc	5	64	57	*	*	-
	La Hève...	29.85	62	WSW	5	bc	29.90	+0.1	56	55	-3	SW	5	c	5	63	54	*	*	0.35
	Brest...	29.95	61	WSW	3	c	29.95	+0.2	59	56	+1	WSW	4	c	2	68	55	*	*	-
	Lorient...	?	64	W	4	b	?	?	60	58	-1	WSW	4	bc	3	66	55	*	*	-
SPANISH PENIN.	Rochefort...	30.01	67	WNW	3	o	30.06	+0.2	64	61	-2	WSW	4	o	*	72	63	bc. o	*	-
	Biarritz...	30.09	68	NNW	2	o	30.12	+0.3	65	63	-2	SW	3	o	2	72	63	*	*	-
	Paris...	29.87	63	SW	3	r	29.97	+0.1	58	56	-1	SSW	2	c	*	71	54	*	*	0.28
	Belfort...	29.91	73	WSW	6	m	30.02	-0.0	64	59	-1	WSW	6	c	*	77	60	*	*	0.12
	Lyons...	29.92	86	?	3	bc	30.05	-0.2	68	61	0	N.	1	b	*	89	62	*	*	-
	Nice...	30.01	69	W	2	bc	29.99	-0.5	70	66	+4	2	0	b	6	82	64	*	*	-
SPANISH PENIN.	Perpignan...	29.93	79	NE	1	b	30.03	+0.2	71	63	-4	SW	1	b	*	83	67	*	*	-
	Sanguinaire...																	*	*	-
SPANISH PENIN.	Corunna...	30.15	67	WNW	3	o	30.13	-0.4	59	57	-7	WNW	1	b	3	68	52	*	*	-
	Lisbon...	30.15	64	N	4	b	30.08	-0.6	67	62	+1	N	2	b	*	77	61	*	*	-
	Azores (P. Delgada)...																	*	*	-
SPANISH PENIN.	" Horta...	30.39	74	NNE	2	c	30.33	-0.5	72	66	0	N	1	o	1	79	72	*	*	-

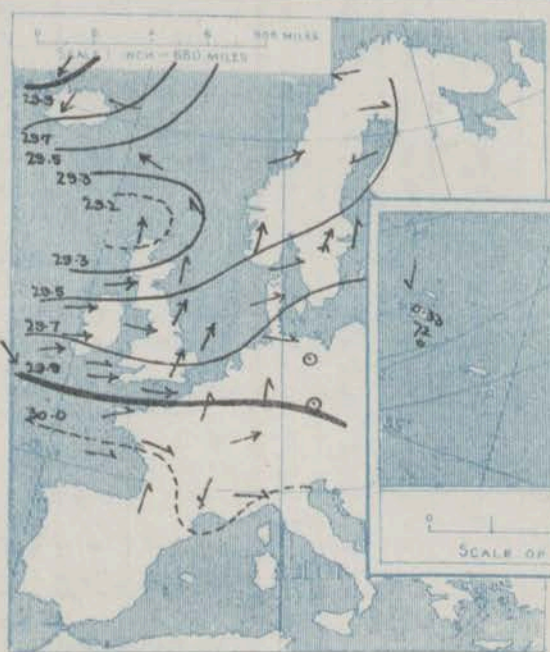


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

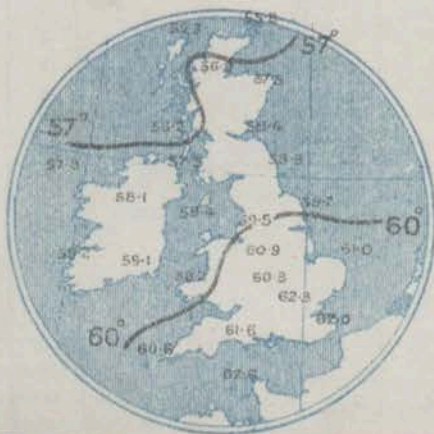
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



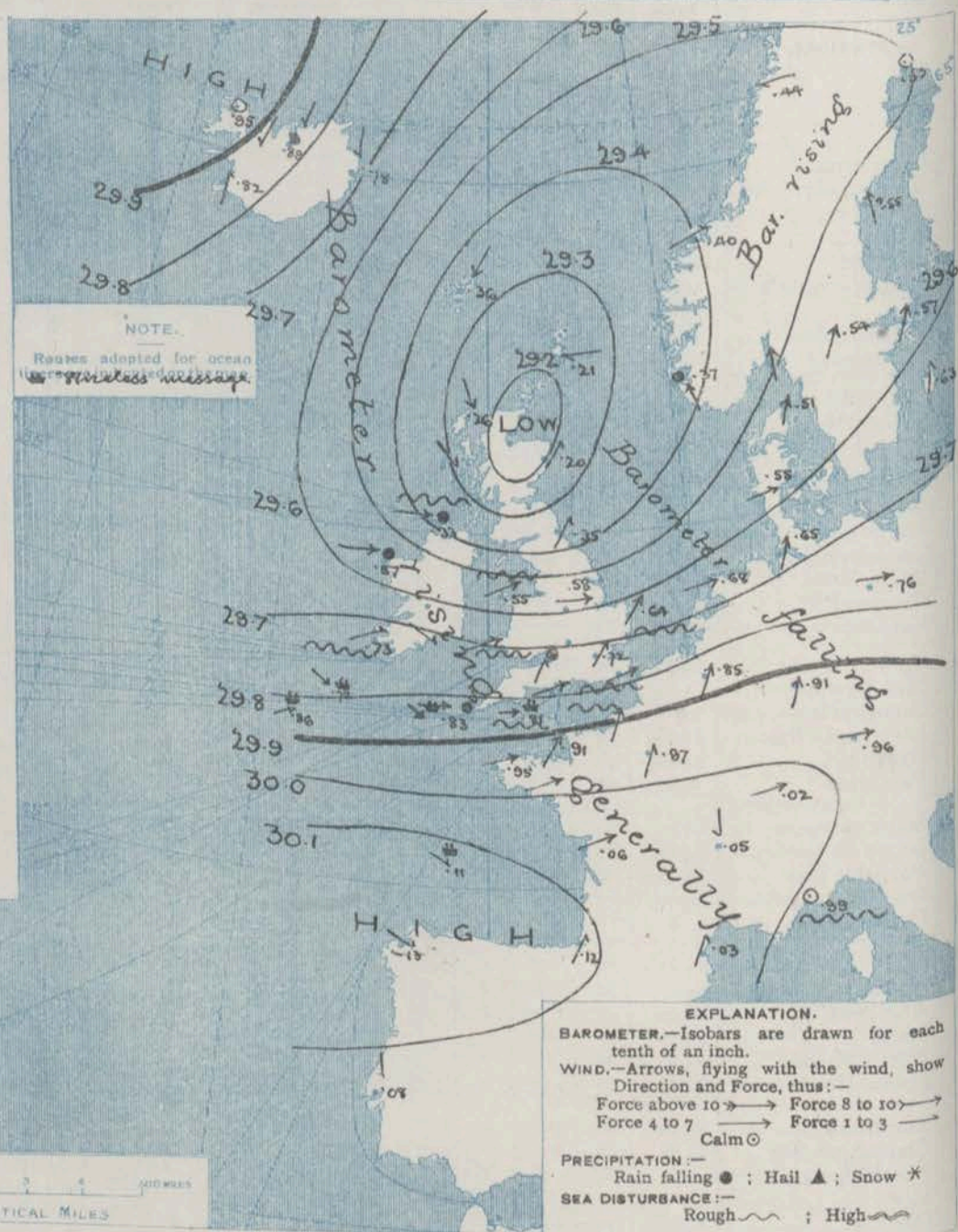
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF JULY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Saturday,

WEATHER 24<sup>th</sup> July.

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

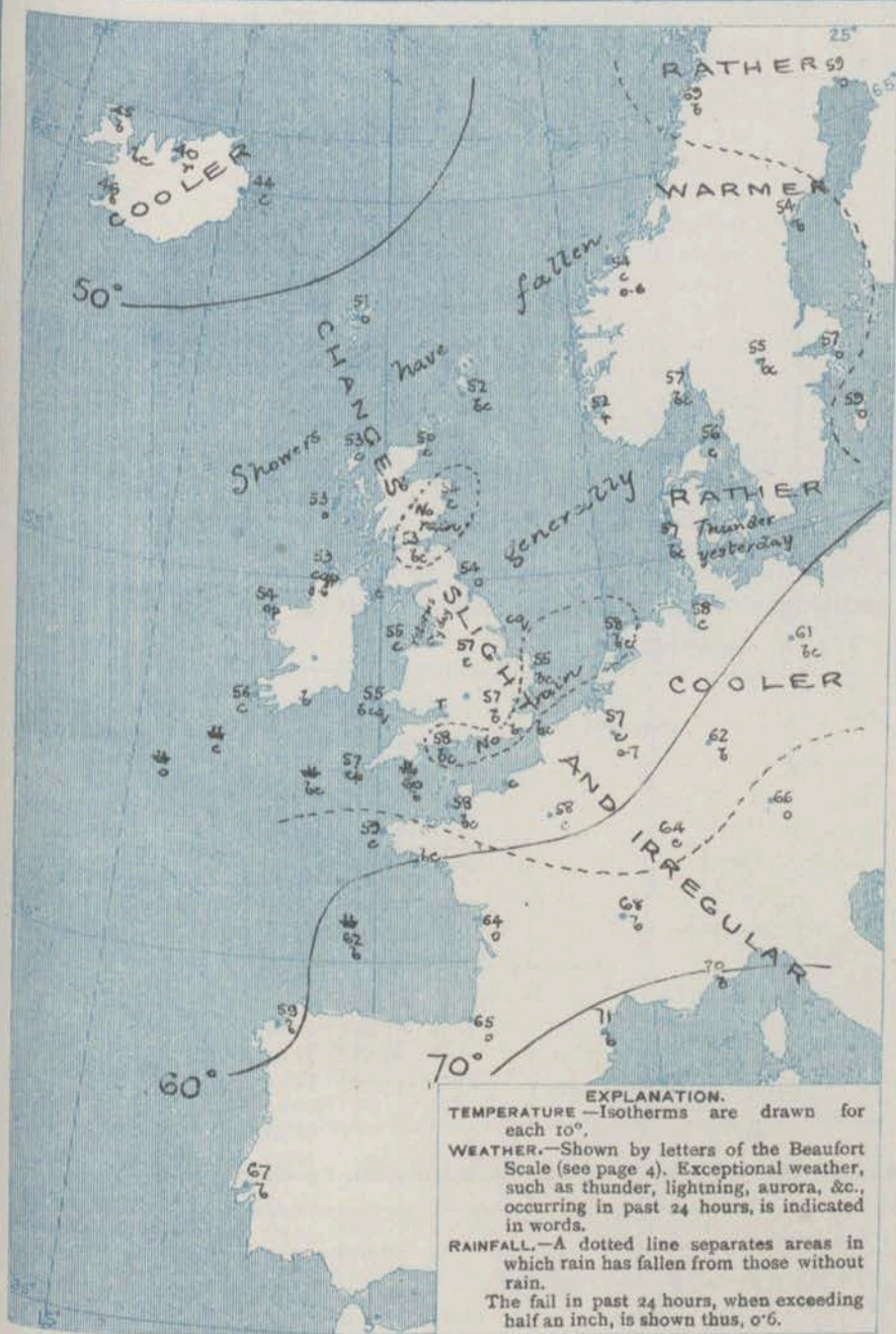
The depression which was yesterday morning beyond the north of Scotland is this morning centred over the Moray Firth, with the barometer below 29.2 ins. In the high pressure system the barometer is above 30.1 ins. on the lower part of the Bay of Biscay, and 30.3 ins. at the Azores. There is a considerable gradient over the British Isles and between Scotland and Ireland.

A complete cyclonic wind circulation exists round the pressure minimum. The E. to N.E. current in the far north is light in force, while the S.W. to W. in other regions is fresh or strong generally, a high wind at Portland Bill. At the home stations temperature ranges from 56° at Wick to 59° at Jersey, Ovingness, and Dover; on the western parts of the Continent from 56° at Havre to 71° at Perpignan; in Scandinavia from 52° at Skudonass to 59° at Bodö, Naparanda and Wisby; in Iceland from 40° to 46°. About the middle of the Bay the air temperature is 62°, and that of the water 61°. At home and abroad the weather is very variable from fine and clear to overcast and dull, with showers in a few isolated situations. The sea is rough or rather rough on many parts of our own and the French coasts.



24<sup>th</sup> July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M TO DAY



## NOTES ON YESTERDAYS WEATHER

During yesterday temperature rose to 70° at Clacton-on-Sea and Margate; the great majority of the maxima being below 65°, as low as 54° at Castlebay. Light rain has been experienced in nearly all districts, on the northwestern coast about 0.5 inch. Thunderstorms occurred in Lancashire, thunder at Oban. The duration of bright sunshine exceeded 10 hours in most localities, up to 13.2 hours at Buxton. Wireless reports from the Atlantic show that steamers experienced moderate to strong or high W<sup>6</sup> or N.W.<sup>5</sup> winds and cloudy weather as far west as the 25th meridian.

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

The northern depression appears inclined to move down the North Sea, and squally, changeable conditions will probably be maintained during the coming twenty-four hours.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 { a } N.W. breezes, fresh at times locally,  
changeable, squally, some showers;  
b } cool.
- 1 { a } Variable S.W. to N.W. breezes,  
light to fresh; changeable, squally,  
2 { b } some showers; rather cool.
- 3 { a }  
4 { b }  
5 { a }  
6 { b } S.W. and W. winds, fresh or  
strong at times; fine to dull,  
7 { a } some showers. Cool.  
8 { b }  
9 { a }  
0 { b }

## [1] WESTERN CHANNEL AND BAY

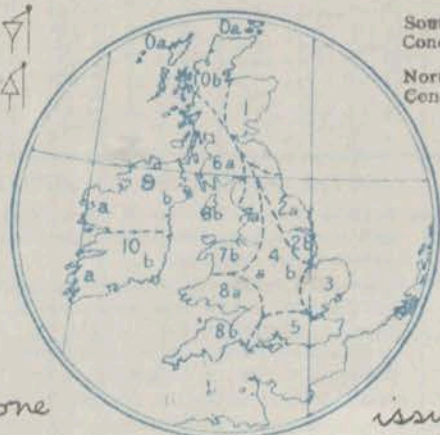
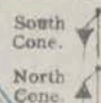
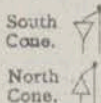
S.W. to N.W. winds, fresh or strong at times; sea smooth to rough; squally, fine to dull, some showers; cool.

### FORECAST DISTRICTS.

Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted  
this morning.





## DAILY WEATHER REPORT.

Saturday, 24th July, 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	59	51	ot. bc. orq.	9.0	-	+ Werthing, to 6 p.m. ...	64	56	b.c.	10.5	-
Oban, to 6 p.m. ...	59	51	ot. bc. orq.	9.0	0.60	Brighton, to 6 p.m. ...	64	57	*	9.4	0.01
Dublin (City), to 4 p.m. ...	61	51	bc. qp	*	0.12	+ Seaford, to 6 p.m. ...	63	58	b.o.	11.7	0.03
Rossall Beach, to 6 p.m. ...	62	53	c. cp. c.	*	0.04	+ Eastbourne, to 6 p.m. ...	63	57	*	11.2	0.03
Blackpool, to 9 p.m. ...	64	50	c. or t. or	8.2	0.26	Bexhill-on-Sea, to 9 p.m. ...	62	59	b.	9.6	0.01
Southport, to 9 p.m. ...	63	50	b. c. or t. bc.	9.1	0.05	Hastings ...	*	*	*	10.7	*
+ Rhyi, to 6 p.m. ...	62	52	o. r. bc.	11.7	0.07	Folkestone, to 6 p.m. ...	63	55	*	9.2	*
+ Colwyn Bay, to 6 p.m. ...	64	52	b. p. bc. b.	10.5	0.08	+ Ramsgate, to 6 p.m. ...	*	*	*	11.4	*
Llandudno, to 9 p.m. ...	62	52	op. bc. r. bc.	12.4	0.06	+ Margate, to 6 p.m. ...	70	56	b.	10.6	*
Bettws-y-Coed, to 6 p.m. ...	61	50	b. bc. c.	11.7	*	+ Felixstowe, to 6 p.m. ...	68	55	*	9.4	*
Towyn, to 6 p.m. ...	63	54	b. p. bc. b.	10.1	0.02	+ Lowestoft, to 6 p.m. ...	68	55	c. o. c.	10.0	*
Aberystwyth, to 6 p.m. ...	61	56	*	9.5	-	+ Skegness, to 6 p.m. ...	67	54	bc. c.	10.5	*
Plymouth, to 9 p.m. ...	*	*	*	*	*	Scarborough, to 9 p.m. ...	66	51	bc.	10.4	0.01
Torquay, to 6 p.m. ...	65	54	*	11.1	-	+ Harrogate, to 6 p.m. ...	61	49	c. bc. qp. bc.	9.7	0.01
+ Weymouth, to 6 p.m. ...	66	56	b. bc.	10.6	-	Buxton, to 6 p.m. ...	62	46	c. bc. qp.	13.2	0.01
Bournemouth, to 6 p.m. ...	66	54	*	10.1	-	Darwen, to 9 p.m. ...	59	46	bc. rh. cllr.	10.2	0.01
Southsea, to 6 p.m. ...	66	57	*	7.0	-	Manchester, to 9 p.m. ...	*	*	*	*	*
						Birmingham, to 9 p.m. ...	65	49	b. c. p. c.	11.6	0.01

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 23 July, 1909.	Observations not recd.			Ins.	Malta ... 23 July, 1909.	Observations not recd.			Ins.
Copenhagen ...	Observations not recd.				Berne ...	Observations not recd.			
Vardö (North Cape) ...	Observations not recd.				Zurich ...	Observations not recd.			
St. Petersburg ...	Observations not recd.				Geneva ...	Observations not recd.			
Vienna ...	Observations not recd.				Lugano ...	Observations not recd.			
Buda-Pesth ...	Observations not recd.				Cottre ... 22nd July, 1909.	1.50 p.m.		1.30 p.m.	Measured 7.00 a.m.
Hermanstadt ...	Observations not recd.				Castasegna ...	75		b	
Trieste ...	Observations not recd.				Davos ...	Not recd.		b	
Florence ...	Observations not recd.				St. Gothard ...	66		b	
Rome ...	Observations not recd.					57		bc	
Naples ...	Observations not recd.								

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis-turb-ance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
H.M.S. ...	50° 27' N.	7° 23' W.	29.77	W	3	bc	63	59	59	3	New York ...	46° N.	51° W.	30.22	NW	4-5	
Caronia ...	46° 26' N.	5° 23' W.	29.87	W	3	c	60	57	55	3	Ballie ...	46° N.	51° W.	30.21	NW	4-5	
Tunisian ...	46° 30' N.	7° 00' W.	30.11	WNW	3	b	62	58	61	2	Ballie ...	46° N.	51° W.	30.20	NW	4-5	
Empress of Britain ...	50° 02' N.	3° 56' W.	29.81	W	6	b	60	57	60	4	Ballie ...	46° N.	51° W.	30.14	NW	4-5	
Carmania ...	49° N.	22° W.	29.99	WNW	6-7						Ballie ...	46° N.	51° W.	30.00	NW	4-5	
	49° N.	23° W.	30.02	NW	6-7	bc					Ballie ...	46° N.	51° W.	29.88	NW	4-5	
	49° N.	21° W.	29.54	WNW	6-7						Ballie ...	46° N.	51° W.	29.86	NW	4-5	
	49° N.	20° W.	29.50	WNW	6-7						Ballie ...	46° N.	51° W.	30.15	WNW	1-3	
	49° N.	17° W.	29.46	WNW	6-7						Ballie ...	46° N.	51° W.	30.16	NW	1-3	
	49° N.	15° W.	29.41	WNW	6-7						Ballie ...	46° N.	51° W.	30.14	WNW	4-5	
	49° N.	11° W.	29.36	W	6-7						Ballie ...	46° N.	51° W.	30.11	WNW	4-5	
	49° N.	10° W.	29.23	WSW	6-7						Ballie ...	46° N.	51° W.	30.04	WNW	4-5	
	49° N.	11° W.	29.18	W	6-7						Ballie ...	46° N.	51° W.	29.97	WNW	4-5	
	49° N.	10° W.	29.18	W	6-7						Ballie ...	46° N.	51° W.	29.87	W	4-5	
	49° N.	17° W.	29.26	WNW	4-5						Ballie ...	46° N.	51° W.	29.80	WNW	6-7	
	49° N.	21° W.	30.21	WNW	4-5	bc					Ballie ...	46° N.	51° W.	29.83	WNW	6-7	
	49° N.	20° W.	30.07	WNW	4-5						Ballie ...	46° N.	51° W.	29.80	WNW	6-7	
	49° N.	15° W.	29.96	W	6-7						Ballie ...	46° N.	51° W.	29.83	WNW	6-7	
	49° N.	15° W.	29.91	W	4-5	bc					Ballie ...	46° N.	51° W.	29.83	WNW	6-7	

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.

(b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
63, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)

SCANDINAVIA.

ICELAND &amp; FAEROE.

BRITISH ISLANDS.

GERMANY, &amp; C.

FRANCE.

SPANISH PENIN.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday  
25<sup>th</sup> July 1909.

STATIONS.	YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
	BAROM.		TEMP.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun. shine.	Rainfall.	
	At 32° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Direc.	Force (0 to 12).		At 32° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).			Max.	Min.				
Ins.	"			Ins.	Ins.	"	"	"	"	"	"	"	"	"	"	Hours.	Ins.			
SCANDINAVIA.																				
Haparanda...	29.41	56	2	0	c	29.45	-0.5	59	54	0	S	2	b	*	68	50	*	-		
Hernösand...	29.41	53	SW	2	b	29.42	-1.3	56	51	+2	2	0	b	*	64	50	*	-		
Stockholm...	29.51	53	WSW	4	r	29.54	-0.3	55	52	-2	W	2	o	*	64	50	*	0.24		
Wisby...	29.58	56	W	4	b	29.60	-0.3	57	54	-2	SW	6	c	*	65	?	*	0.20		
Karlstad...	29.48	56	SW	4	b	29.49	-0.5	54	53	-1	SW	2	o	*	*	*	*	-		
Færder (X'ania Fjord)	29.44	56	SW	4	c	29.52	+0.3	56	53	-1	WSW	2	o	3	59	56	*	0.04		
Bodö...	29.38	59	ENE	2	b	29.40	-0.4	56	52	-3	2	0	b	1	66	50	*	-		
Christiansund...	29.39	57	2	0	bc	29.44	+0.4	54	52	0	2	0	c	1	57	48	*	-		
Skudesnaes...	29.36	55	3	4	o	29.44	+0.7	56	54	+4	2	0	c	3	57	50	c. o	0.51		
ICELAND & FAEROE.																				
Isafjord...	29.94	49	NE	3	b	29.78	-1.7	46	*	+1	2	0	b	*	*	*	*	*		
Reykjavik...	29.82	58	N	3	b	29.73	-0.9	49	*	+3	2	0	b	*	*	*	*	*		
Seydisfjord...	29.80	50	NNW	6	b	29.76	-0.2	46	*	+2	W	3	bc	*	*	*	*	*		
Thorshavn...	29.49	53	NE	1	o	29.58	+2.2	50	*	-1	NE	4	c	*	*	*	*	*		
BRITISH ISLANDS.																				
Sumburgh Head	29.37	54	NE	1	b	29.48	+2.7	52	50	0	2	0	b	0	56	45	b	*		
Stornoway...	29.44	55	NNW	4	o	29.53	+2.7	54	52	+1	NNE	2	c	2	58	48	cap. bcq. b	3.6		
Castlebay (Barra Id.)	29.50	53	NW	4	c	29.51	+2.0	53	51	0	N	2	bc	2	57	49	op. c. o. bc	4.0		
Malin Head...	29.53	55	W	4	c	29.48	+1.5	53	51	0	N	3	bc	2	58	51	bcq. bc m	*		
Blacksod Pt. ...	29.60	54	NNW	2	r	29.52	-0.5	54	50	0	N	2	bc	2	60	50	cp. cd m. bc	*		
Valencia...	29.60	55	2	0	r	29.50	-2.3	54	51	-2	NNW	4	c	4	59	51	c. op m. ot m	2.2		
Roche's Point...	29.64	55	SSW	3	r	29.42	-3.0	53	52	-2	N	4	o	4	60	52	o. c. ot. p	*		
Birr Castle...	29.62	58	SW	2	o	29.43	-2.0	53	51	-2	NW	3	og	*	63	50	cp. o	7.4		
Donaghadee...	29.56	57	WSW	3	c	29.47	+1.0	52	52	0	N	3	o	2	63	49	bcq. cp. bc. o	*		
Liverpool Obsy...	29.62	63	WSW	4	c	29.51	-0.0	56	54	+1	SE	3	o	3	63	53	o. c. ot	2.5		
Holyhead...	29.65	58	WSW	5	c	29.46	-0.9	56	56	+1	S	3	r	3	63	52	cp m. c. r	*		
Pembroke (St. Ann's Hd.)	29.73	57	S	4	c	29.36	-3.3	56	53	+1	SSW	6	cp m	6	59	54	bcq. cgg. tr	10.6		
Scilly (St. Mary's)	29.78	60	SW	5	o	29.44	-3.9	58	55	+1	SSW	5	c	2	65	57	c. o	11.0		
Jersey (St. Aubins)	29.92	62	W	5	bc	29.69	-2.2	59	57	0	SSE	4	r	3	64	56	cm. b. bc. odg	9.5		
Portland Bill...	29.80	59	SW	6	b	29.57	-1.9	59	57	+1	SSE	6	og	5	60	58	bc. b	12.3		
Dungeness...	29.81	61	WSW	7	bc	29.70	-0.8	60	58	+1	S	4	bc	4	63	57	bc	11.3		
Dover...	*	*	*	*	*	29.71	-0.6	58	56	-1	SSW	4	bc	4	63	53	b. bc	14.2		
Wick...	29.35	53	2	0	bc	29.52	+3.3	52	51	+2	N	1	o	1	60	43	-	*		
Nairn...	29.38	51	W	2	r	29.50	+3.2	51	50	0	2	0	c	1	60	47	b. or. c. b	1.9		
Aberdeen...	29.38	54	WNW	1	o	29.51	+3.1	53	51	-1	W	1	c	2	61	45	bc. c. op. o	5.8		
Leith...	29.42	59	WSW	3	c	29.56	+3.5	51	49	-2	SW	1	o	*	64	49	bcq. cp. b	*		
North Shields	29.50	62	WSW	5	c	29.55	+2.0	53	53	-1	S	2	r	2	66	51	cp. c. r	7.8		
Spurn Head...	29.59	59.	WSW	7	bc	29.58	+1.0	54	53	0	SSE	4	cp	4	61	52	cp. bc. cp	*		
Yarmouth...	29.67	66	SW	6	bc	29.70	+0.6	59	55	+4	S	4	bc	4	69	52	bc	12.3		
Clacton-on-Sea...	29.74	63	WSW	6	bc	29.69	-0.2	60	57	+3	S	6	c	5	67	55	bc. cp. b	12.7		
Nottingham...	29.67	62	W	5	b	29.58	-0.0	57	54	0	SSW	3	o	*	64	48	cp. o. b	9.0		
Bath...	29.81	62	W	4	c	29.58	-1.6	59	59	+5	SW	5	o	*	65	54	-	7.9		
Oxford...	29.79	58	WSW	4	b	29.58	-1.4	58	55	+2	S	5	o	*	66	52	bc. b. bc m. o	*		
London (St. James's Pk)	29.77	62	SW	4	bc	29.66	-0.6	59	55	+2	SSW	4	c	*	64	55	cp. bc. b. c	11.0		
GERMANY, &c.																				
The Scaw (Skagen)	29.50	54	SW	3	o	29.54	+0.3	57	54	+1	W	4	c	1	61	52	*	*		
Fanö...	29.57	58	WSW	6	c	29.71	+1.6	60	57	+3	WSW	4	c	*	63	55	*	*		
Cuxhaven†...	29.71	63	WSW	5	b	29.79	+1.4	58	59	0	SW	4	b	*	64	55	*	*		
The Helder...	29.72	60	SW	7	bc	29.77	+0.9	59	55	+1	SW	4	c	2	63	57	*	*		
Brussels...	*	*	*	*	*	29.82	-0.3	62	57	+5	SSW	4	b	*	67	48	*	*		
Berlin†...	29.82	64	SW	2	c	29.92	+1.6	62	70	+1	W	3	b	*	72	55	*	*		
Frankfurt†...	29.95	63	SW	5	c	29.95	+0.4	59	74	-3	SW	1	b	*	72	52	*	*		
Munich†...	29.96	67	W	3	bc	29.98	+0.2	65	68	-1	E	4	b	*	72	54	*	*		
FRANCE.																				
C. Gris Nez...	29.84	58	WSW	5	bc	29.73	-0.6	57	55	-1	S	3	bc	2	63	54	*	*		
La Hève...	29.93	61	WSW	4	c	29.76	-1.4	56	55	0	S	4	o	3	63	52	*	*		
Brest...	29.95	63	SW	2	b	29.60	-3.5	58	57	-1	S	6	r	4	68	55	*	*		
Lorient...	?	65	SW	3	b	?	?	59	58	-1	SSW	5	r	4	68	57	*	*		
Rochefort...	30.02	66	W	2	c	29.76	-3.0	65	60	+1	SE	3	bc	*	82	57	bc. c	*		
Biarritz...	30.02	68	NE	1	b	29.76	-3.6	67	63	+2	2	0	bc	2	73	61	*	*		
SPANISH PENIN.																				
Corunna...	30.08	54	WNW	1	b	30.00	-1.3	67	61	+8	S	3	bc	1	68	52	*	*		
Lisbon...	29.97	66	SW	3	c	29.96	-1.2	68	63	+1	E	2	b	*	82	61	*	*		
Azores (P. Delgada)...	30.15	72	NNW	3	c	30.12	-1.3	70	66	-1	NNW	4	bc	3	77	66	*	*		
" Horta...	30.22	73	NW	4	b	30.19	-1.4	71	66	-1	N	1	bc	2	79	68	*	*		

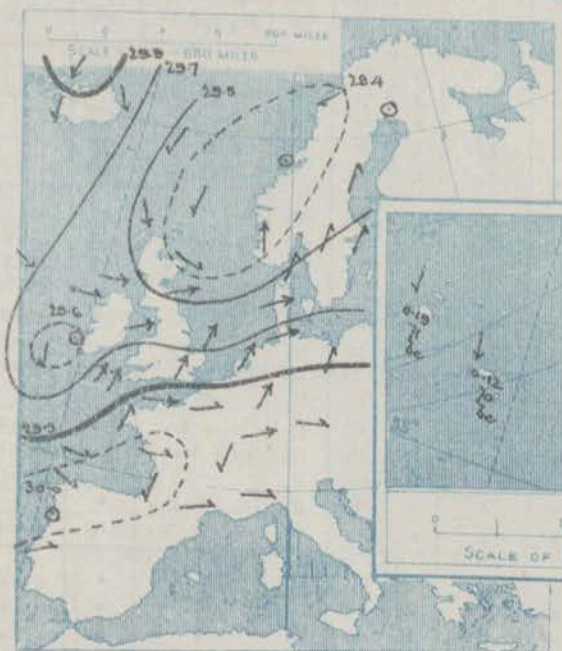


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

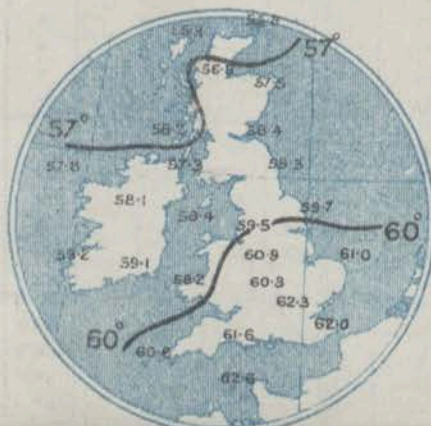
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF JULY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)

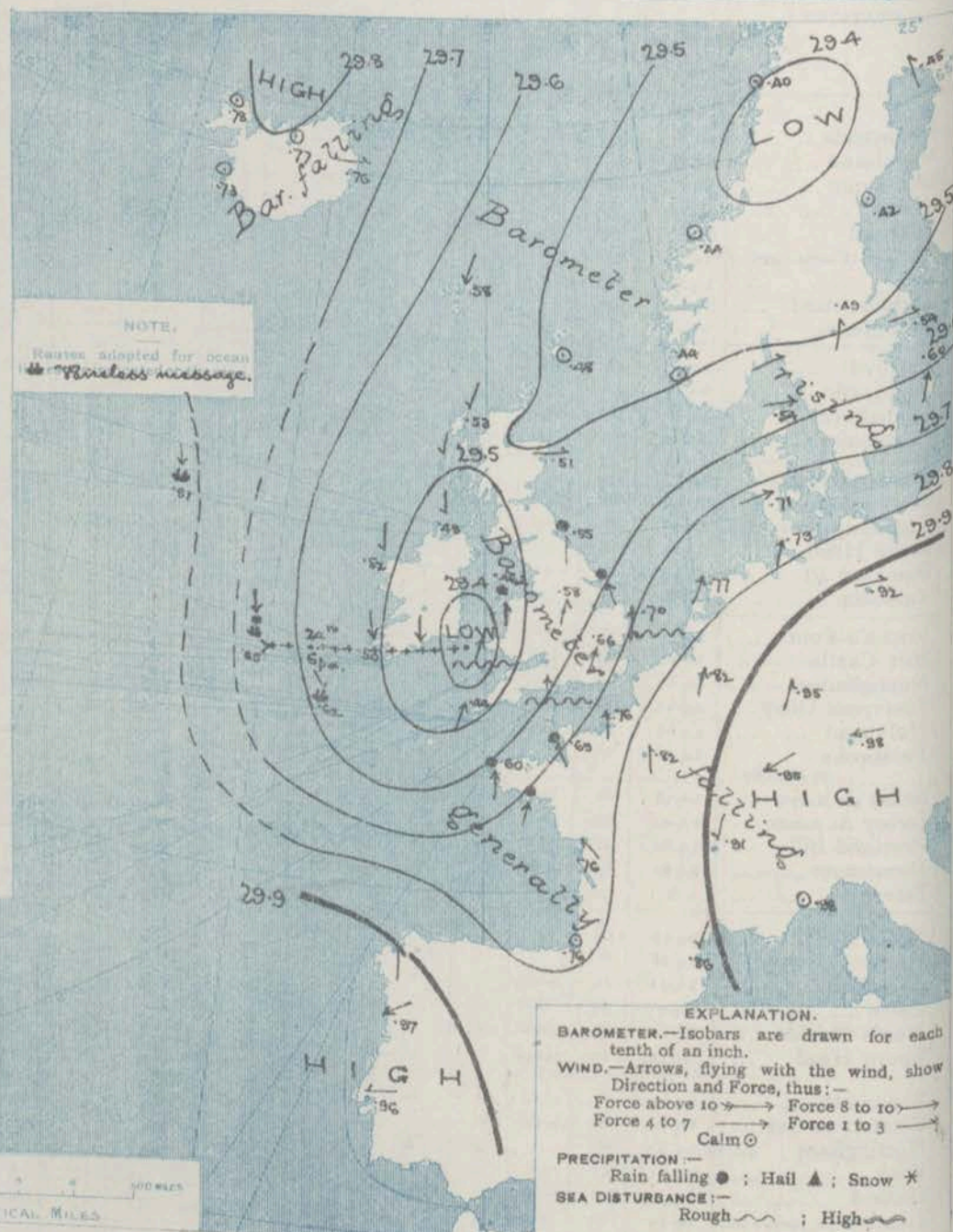


Sunday,

WEATHER

25<sup>th</sup> July

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A well-marked depression has arrived from the westward, and its centre where the barometer stands at about 29.3 ins., is now found over the St. George's Channel. Pressure is below 29.4 ins. in a depression over northern Norway, and relatively low over the Bay of Biscay, while the highest readings are reported from the Azores.

The cyclonic circulation of the wind is well marked over these Islands; the Northerly current prevailing on our most western coasts is of moderate strength, but that from the southward over the greater portion of England and Wales is fresh to strong in several places. Temperature has fallen generally, and is now very low for the time of year in most parts of these Islands. In the west and north the readings are little higher than 50°. The weather conditions are very variable, the sky being nearly cloudless in some localities, and very cloudy or quite overcast in others, while in some parts of England and Brittany rain is falling.



# CHARTS

25<sup>th</sup> July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M TO DAY.



### NOTES ON YESTERDAY'S WEATHER

During yesterday temperature remained below 65° over the major portion of this country, but rose to 69° at Yarmouth. Rain has fallen in nearly all districts, the amounts being large in the south-west of Ireland and also at Holyhead. In the latter locality the measurement is 1.54 inch. The duration of bright sunshine varied considerably, but in most parts of England the records were large. Numerous reports from the Atlantic shore that steamers experienced moderate to strong winds from the northward or north-westward, with fair to rainy weather as far west as the 20th Meridian.

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

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 { a  
b
- 1
- 2 { a  
b
- 3
- 4 { a  
b
- 5
- 6 { a  
b
- 7 { a  
b
- 8 { a  
b
- 9 { a  
b
- 10 { a  
b

None Issued

### II WESTERN CHANNEL AND BAY.

### FORECAST DISTRICTS.

Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South  
Coast.

South  
Coast.

North  
Coast.

North  
Coast.





## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
† Stonehaven, to 6 p.m. ...	62	49	"	0.0	-	† Werthing, to 6 p.m. ...			b	13.5	
Oban, to 6 p.m. ...	60	50	a. bc. c	4.5	0.71	† Brighton, to 6 p.m. ...			"		
Dublin (City), to 4 p.m. ...	65	51	capp. b. bc	"	0.09	† Seaford, to 6 p.m. ...	62	56	b	13.7	0.02
Rossall Beach, to 6 p.m. ...	59	50	alt. cp. c	"	0.39	† Eastbourne, to 6 p.m. ...			"	13.5	
Blackpool, to 9 p.m. ...						Bexhill-on-Sea, to 9 p.m. ...	63	59	bc. b	9.8	0.03
Southport, to 9 p.m. ...	60	53	capp. c	1.4	0.02	† Hastings ...			"	13.7	
† Rhyi, to 6 p.m. ...	64	49	c. r. bc	5.2	0.04	† Folkestone, to 6 p.m. ...	63	51	b. bc	13.8	
† Colwyn Bay, to 6 p.m. ...	68	55	c. b	4.5	-	† Ramsgate, to 6 p.m. ...	"	"	"	2.7	
Llandudno, to 9 p.m. ...	64	53	bc. cp. b	3.2	0.03	† Margate, to 6 p.m. ...	67	52	b. o	11.0	0.05
Bettws-y-Coed, to 6 p.m. ...						† Felixstowe, to 6 p.m. ...	66	52	"	13.2	0.06
Towyn, to 6 p.m. ...	63	53	c. b. p. o	10.4	0.01	† Lowestoft, to 6 p.m. ...			"		
Aberystwyth, to 6 p.m. ...	60	56	"	7.0	-	† Skogness, to 6 p.m. ...	67	53	r. bc	9.9	0.05
Plymouth, to 9 p.m. ...	67	54	b. bc	11.7	-	Scarborough, to 9 p.m. ...	63	48	o. c	3.3	0.06
Torquay, to 6 p.m. ...	64	53	"	12.4	0.06	† Harrogate, to 6 p.m. ...	57	44	capp. bc. b	3.1	0.23
† Weymouth, to 6 p.m. ...	65	55	b. bc	12.3	-	† Buxton, to 6 p.m. ...	57	45	bc. cp. c	6.3	0.11
† Bournemouth, to 6 p.m. ...	66	52	b. bc. b	12.5	-	Darwen, to 9 p.m. ...	55	46	alt. bc	0.3	0.33
Southsea, to 6 p.m. ...			"			Manchester, to 9 p.m. ...	60	48	cp. b	0.2	0.03
						Birmingham, to 9 p.m. ...	66	49	c	9.7	

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 24 July, 1909	66	54	bc. r	Ins. 0.12	Malta ... 24 July, 1909	80	71	b	Ins.
Copenhagen ...	66	55	m. r	0.04	Berne ...	"	"	c. c	-
Vardö (North Cape) ...	46	39	b. b	-	Zurich ...	"	"	b. c	-
St. Petersburg ...	66	50	b. c	-	Geneva ...	"	"	b. c	-
Vienna ...	84	66	b. bc	-	Lugano ...	"	"	b. c	-
Buda-Pesth ...	90	66	b. b	-					
Hermanstadt ...	84	55	b. b	-	Coire ... 23 July, 1909, 1.30 p.m.	77	"	bc	Measured 7.30 a.m.
Trieste ...	82	70	b. b	-	Castasegna ...	77	"	b	0.04
Florence ...	88	64	b. b	-	Davos ...	73	"	b	-
Rome ...	86	67	b. c	-	St. Gothard ...	59	"	bc	-
Naples ...	84	67	b. bc	-					

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.
	Lat.	Long.		Dir.	Force.		Air.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.	
H.M.S. ... { July 24 6pm	44.50N.	8.10W.	29.92	W	1	bc	65	62	60	3				Ins.			
" " " 6pm	50.17N.	6.45W.	29.77	SW	5	o	61	59	64	5							
New York ... { July 24 4am	49N.	9W.	29.84	WNW	4-5												
" " " 7am	49N.	7W.	29.71	WNW	4-5	bc											
Baltic ... { " 4am	50N.	16W.	29.70	SW	1-3												
" " " 7am	50N.	15W.	29.68	SW	4-5	r											
" " " 3pm	51N.	10W.	29.58	S	4-5												
" " " 6pm	51N.	9W.	29.53	WSW	1-3	o											
Montezuma ... { " 3pm	50N.	13W.	29.56	W	4-5												
" " " 6pm	50N.	14W.	29.55	N	4-5	o											
Minnehaha ... { " 3pm	49N.	13W.	29.69	SW	4-5												
" " " 6pm	49N.	9W.	29.65	SW	1-3	r											

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 651 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report  
and for transmission of Forecasts by telegraph may be  
obtained on application.

METEOROLOGICAL OFFICE,  
63, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)

SCANDINAVIA.

ICELAND &amp; FAEROE.

BRITISH ISLANDS.

GERMANY, &amp;c.

FRANCE.

SPANISH PENIN.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

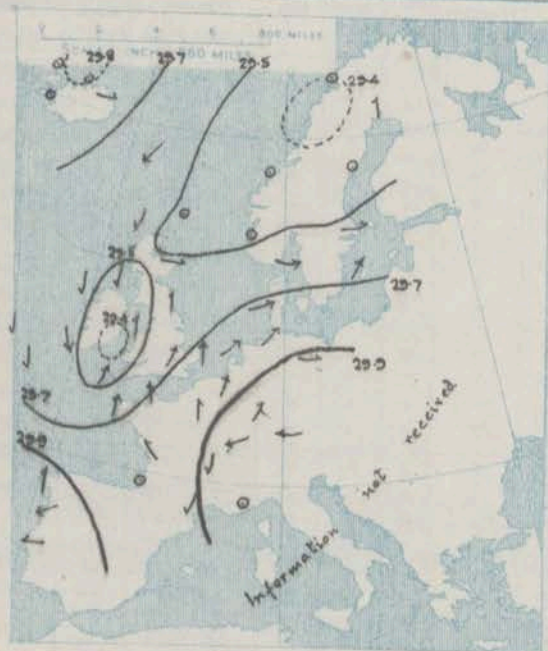
Monday  
26th July, 1909.

STATIONS.	YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.					
	BAROM.		TEMP.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun-shine.	Rainfall.	
	At 28° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Dirac.	Force (0 to 12).	At 28° Fahr. and M.S.L. Lat. 45°		Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Max.			Min.					
SCANDINAVIA.	Haparanda...	29.50	57	SW	2	b	29.63	+18	58	55	-1	3	2	b	3	64	52	*	*	*	
	Hernösand...	29.53	54	S	2	b	29.64	+22	58	54	+2	2	0	b	3	63	50	*	*	*	
	Stockholm...	29.67	55	SW	2	bc	29.73	+19	61	55	+6	SSW	2	bc	3	61	48	*	*	0.03	
	Wisby...	29.74	58	SW	6	bc	29.69	+09	63	57	+6	SE	2	bc	3	64	52	*	*	0.04	
	Karlstad...	29.65	57	SW	2	bc	29.63	+14	57	55	+3	SE	2	r	3	59	54	*	*	0.12	
	Färder (X'ania Fjord)	29.57	57	SW	6	o	29.50	-02	56	55	-1	ESE	5	r	3	59	54	*	*	0.24	
	Bodö...	29.52	57	N	2	b	29.63	+23	56	53	0	NW	2	c	1	57	52	*	*	*	
	Christiansund...	29.54	53	S	1	o	29.52	+08	54	53	0	NE	1	b	1	55	48	*	*	0.43	
	Skudesnaes...	29.57	56	S	6	o	29.51	+07	53	52	-3	NE	4	r	3	57	52	*	*	0.39	
	ICELAND & FAEROE.	Isafjord...	29.76	50	NE	4	b	29.73	-05	49	*	+3	2	0	c	*	*	*	*	*	*
Reykjavik...		29.69	53	N	3	b	29.67	-06	51	*	+2	SE	1	c	*	*	*	*	*	*	
Seydisfjord...		29.74	56	ENE	3	c	29.68	-08	46	*	0	2	0	o	*	*	*	*	*	*	
Thorshavn...		29.58	52	NNE	3	o	29.56	-02	49	*	-1	ENE	3	m	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.51	55	WNW	1	bc	29.37	-11	52	51	0	NE	3	o	3	57	47	b, bc	*	*	*
	Stornoway...	29.49	56	NNE	5	bc	29.49	-04	51	49	-2	NNE	4	o	3	59	49	c, bc, b, op	11.9	0.02	
	Castlebay (Barra Id.)	29.46	57	NE	4	bc	29.52	+01	53	51	0	NNW	3	c	3	59	50	bc, bc, bc, op	13.6	0.02	
	Malin Head...	29.38	55	NW	4	bc	29.49	+01	53	51	0	N	4	cm	4	56	51	bc, bc, bc, op	*	0.02	
	Blacksod Pt.	29.52	56	N	4	c	29.63	+11	54	52	0	NW	3	bc	3	59	50	cp, c, cp	*	0.05	
	Valencia...	29.58	56	WNW	4	cp	29.72	+22	55	52	+1	WNW	3	o	4	58	52	bc, op	7.4	0.20	
	Roche's Point...	29.52	58	NW	4	cp	29.68	+16	54	51	+1	WNW	3	bc	2	61	51	cp, c, bc	*	0.11	
	Birr Castle...	29.49	55	WSW	3	r	29.65	+22	56	52	+3	WSW	4	c	*	60	48	c, bc	3.3	0.07	
	Donaghadee...	29.33	58	N	5	o	29.46	-01	53	51	+1	MW	4	c	3	53	52	op, bc	*	0.19	
	Liverpool Obsy...	29.31	55	WSW	6	o	29.46	-05	54	51	-2	WSW	6	c	5	64	53	t, r, c, o	4.3	0.07	
GERMANY, & C.	Holyhead...	29.36	57	WNW	6	cp	29.53	+07	54	52	-2	W	6	c	5	60	52	o, cp	*	0.10	
	Pembroke (St. Ann's Hd.)	29.46	55	W	6	c	29.64	+28	54	52	-2	W	4	bc, cp	5	58	50	cp, cp, bc	4.0	0.04	
	Scilly (St. Mary's)	29.53	59	WNW	5	c	29.74	+30	57	54	-1	W	4	c	4	61	56	c	9.3	0.06	
	Jersey (St. Aubins)	29.63	60	W	5	c	29.79	+10	58	55	-1	SW	5	o	4	62	56	cp, cp, bc	2.8	0.35	
	Portland Bill	29.45	58	SW	5	bc	29.66	+09	57	55	+2	W	5	bc	5	60	54	o, bc, cp	4.3	0.02	
	Dungeness...	29.53	60	SW	5	y	29.65	-05	59	56	-1	WSW	6	c	6	62	55	cp, cp, bc	0.3	0.17	
	Dover...	*	*	*	*	*	29.66	-05	58	54	0	SW	5	c	4	61	51	bc, b, bc	2.6	0.09	
	Wick...	29.49	53	N	2	bc	29.36	-16	52	50	0	N	3	c	1	53	48	*	*	0.01	
	Nairn...	29.42	52	E	3	c	29.38	-12	52	50	+1	NNE	3	c	2	58	47	cp, bc, cp, c	7.8	0.05	
	Aberdeen...	29.40	52	ENE	3	y	29.25	-16	52	51	-1	NNW	4	r	3	59	51	c, o, bc	2.1	1.46	
FRANCE.	Leith...	29.34	52	NE	3	y	29.30	-26	52	49	+1	W	1	o	*	56	50	o, bc, r	*	1.34	
	North Shields	29.25	56	SEW	3	o	29.36	-29	52	51	-1	SW	4	o	2	59	49	bc, bc	1.2	0.50	
	Spurn Head	29.31	60	SE	5	c	29.38	-20	55	52	+1	WSW	6	bc	4	62	51	cp, cp, bc	*	0.09	
	Yarmouth...	29.49	59	S	6	op	29.52	-18	55	52	-4	SW	5	bc	6	64	51	c, op	0.0	0.07	
	Clacton-on-Sea	29.49	61	S	6	c	29.60	-09	57	54	-3	SW	6	c	5	62	53	c, bc, r, c	1.5	0.05	
	Nottingham	29.53	62	SSW	5	c	29.48	-10	56	52	-1	WSW	5	bc	*	64	51	o, cp, bc	2.6	0.14	
	Bath...	29.49	60	SW	1	bc	29.67	+09	55	52	-4	SW	1	o	*	65	52	*	4.2	0.39	
	Oxford...	29.46	56	SW	5	o	29.64	+06	57	53	-1	SW	5	bc	*	65	51	cp, cp, bc	*	0.32	
	London (St. James's Pk)	29.46	62	SW	5	cp	29.61	-05	56	52	-3	SW	4	bc	*	63	53	cp, cp, bc, cp	1.9	0.02	
	SPANISH PENIN.	The Scaw (Skagen)	29.67	58	WSW	1	o	29.40	-14	59	58	+2	SE	5	o	2	61	55	*	*	0.24
Fanö...		29.62	60	ESE	4	r	29.47	-24	59	57	-1	SW	4	bc	*	64	57	*	*	0.16	
Cuxhaven†		29.68	66	S	2	o	29.57	-22	61	52	+3	SW	4	o	*	68	59	*	*	0.014	
The Helder		29.43	62	S	1	r	29.58	-19	59	55	0	SW	4	c	3	66	57	*	*	0.04	
Brussels...		*	*	*	*	*	29.74	-08	57	54	-5	WSW	4	b	*	72	52	*	*	0.12	
Berlin†		29.76	71	SE	2	b	29.67	-25	67	55	+5	SE	5	b	*	79	61	*	*	0.12	
Frankfurt†		29.62	72	S	1	o	29.78	-17	65	75	+6	SW	5	c	*	81	50	*	*	0.20	
Munich†		29.74	71	SE	3	b	29.95	-03	64	82	-1	W	3	r	*	77	63	*	*	*	
C. Gris Nez		29.54	61	WSW	4	o	29.68	-05	58	55	+1	SW	5	bc	5	64	55	*	*	0.04	
La Hève		29.61	58	WSW	6	r	29.79	+03	56	55	0	SW	5	o	5	61	54	*	*	0.16	

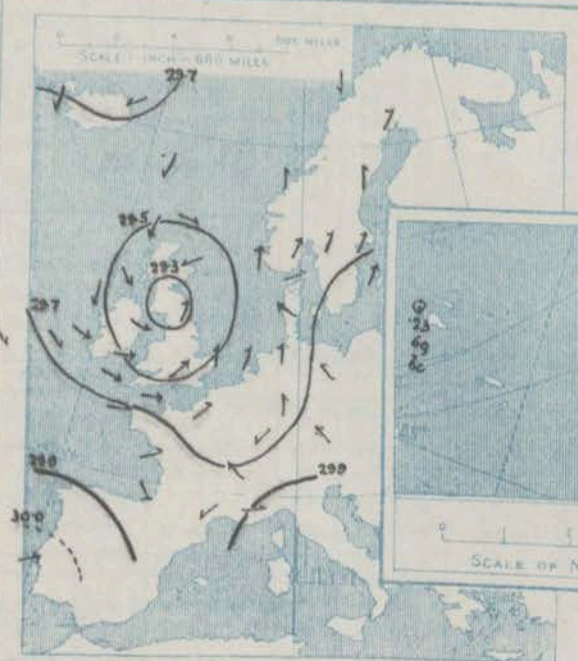


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

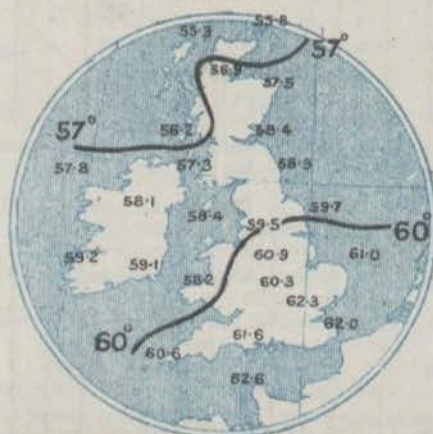
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



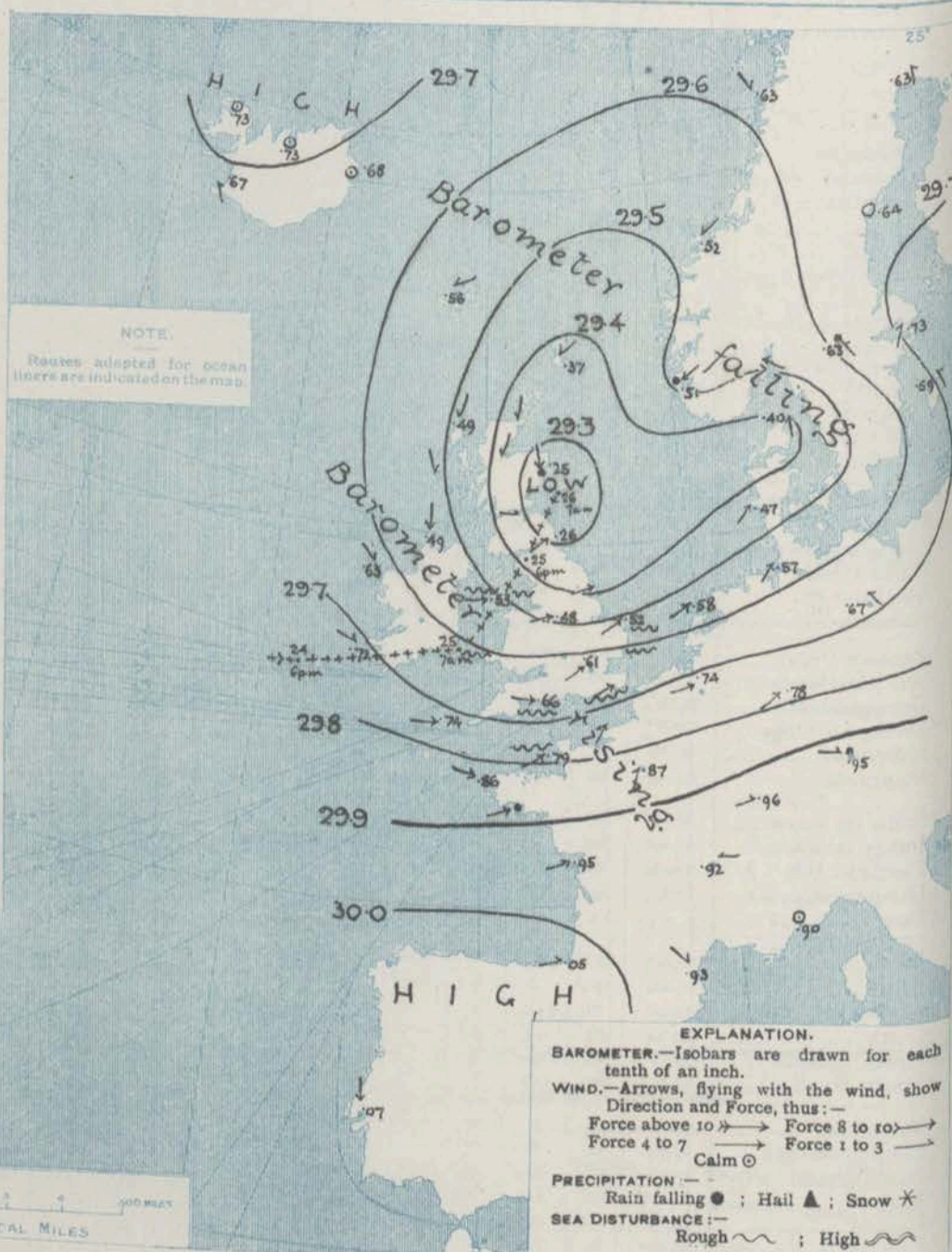
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE MONTH OF JULY.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Monday,

WEATHER 26th July, 1904

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression, which was centred over the St George's Channel yesterday morning, has moved north-eastwards to the North Sea, and the lowest barometer, 29.9 ins or less, is found off the east coast of Scotland. Pressure is increasing again in the rear of the disturbance, but a slight fall is reported in the west of Ireland.

The cyclonic circulation of the wind around the minimum pressure is wellmarked. The northerly current in Scotland is only moderate in force, but that from the Westward over England and the Channel is fresh or strong, and a moderate to fresh easterly breeze prevails in the south of Norway. Temperature is very low for the time of year over the United Kingdom, the readings being below 55° in Scotland, below 55° in the northern parts of England and Ireland, and a few degrees above that value in the extreme south and south-east only. The sky is cloudy in nearly all parts of these Islands, and the appearance changeable and showery, while at Aberdeen rain is falling. Rain is also reported in the south of Scandinavia and at Munich and Berlin, but at most of the Continental stations the weather is fair or fine.



# CHARTS 26th July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M. TO DAY.



### NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 65° in some parts of central England, but failed to touch that point over the Kingdom generally. Rain has fallen in nearly all parts of our area; at several stations the amount has been considerable, as much as 1.46 inch at Aberdeen, and 1.34 inch at Leith. At the latter station a violent thunderstorm occurred, and thunder was heard at a few other stations. The duration of bright sunshine was slight except in Scotland, the west of Ireland, and at Scilly. Wireless telegrams from the Atlantic show that steamers experienced fresh to strong winds from the North Westward, with cloudy, variable weather as far west as the 20th meridian.

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

There are no indications of the approach of any other disturbance, but small local irregularities in pressure may cause showers during to-day in various parts of these Islands.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 { Wind between N. and N.W., fresh in places; very changeable, some showers, fair intervals; temperature remaining low.
- 1 {
- 2 { Wind mainly from the W., fresh to moderate or light; variable weather, mostly fair, but some showers probable; temperature continuing low for the time of year.
- 3 {
- 4 {
- 5 {
- 6 { Same as Nos. 0 & 1.
- 7 { W. or N.W. winds, fresh to moderate; changeable, some showers, fair intervals; very cool.
- 8 { Same as Nos. 2 to 5.
- 9 { Wind between N. and N.W. or W., fresh at times in exposed places; changeable, mostly fair, some showers; very cool.
- 10 {

### II WESTERN CHANNEL AND BAY



Wind mainly W., fresh to moderate; sea moderate to slight; fair generally, some local showers.



### FORECAST DISTRICTS.

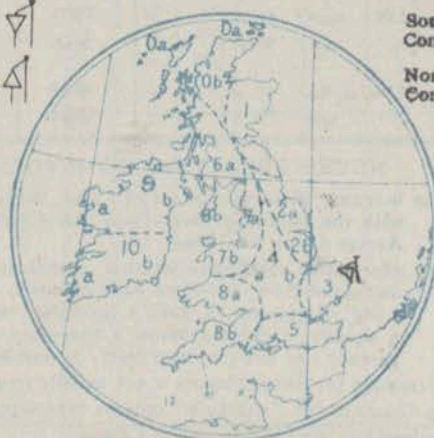
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.   
North Cone. 

South Cone.   
North Cone. 





## DAILY WEATHER REPORT.

Monday, 26th July, 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	62	47	bc, cl, p	0.7	0.16	Worthing, to 6 p.m. ...	63	57		2.7	0.01
Oban, to 6 p.m. ...	62	47	bc, cl, p	0.7	0.07	Brighton, to 6 p.m. ...	61	58		1.5	0.01
Dublin (City), to 4 p.m. ...	64	51	or, g, c, bc		0.59	Seaford, to 6 p.m. ...	60	58		1.7	0.01
Rossall Beach, to 6 p.m. ...	64	52	v. c. o	4.2	0.66	+ Eastbourne, to 6 p.m. ...	61	57		2.9	0.01
Blackpool, to 9 p.m. ...	63	52	or, c, q, o	2.5	0.27	Bexhill-on-Sea, to 9 p.m. ...	61	58	c	2.5	0.01
Southport, to 9 p.m. ...	63	52	v. c. o	2.5	0.26	+ Hastings ...	62	54	bc, r, c, bc	2.4	0.01
+ Rhyi, to 6 p.m. ...	63	52	v. c. o	2.5	0.26	+ Folkestone, to 6 p.m. ...	62	54		2.2	0.01
+ Colwyn Bay, to 6 p.m. ...	63	53	v. c. o	5.0	0.43	Ramsgate, to 6 p.m. ...	64	52		2.0	0.01
Llandudno, to 9 p.m. ...	64	52	or, cl, ev	3.0	0.42	Margate, to 6 p.m. ...	64	52		1.2	0.01
Bettws-y-Coed, to 6 p.m. ...	61	56	r, c, bc, r, o	1.9	0.26	+ Felixstowe, to 6 p.m. ...	62	52	c, bc, or, c	0.5	0.01
Towyn, to 6 p.m. ...	62	54		1.3	0.06	+ Lowestoft, to 6 p.m. ...	63	55		1.0	0.01
Aberystwyth, to 6 p.m. ...	64	54	r, c, bc	6.3	0.47	Skogness, to 6 p.m. ...	62	52		0.8	0.01
Plymouth, to 9 p.m. ...	63	57		4.5	0.16	Scarborough, to 6 p.m. ...	61	50	sp. c, c, o	1.1	0.01
Torquay, to 6 p.m. ...	63	57	q, d, b	4.3	0.05	Harrogate, to 6 p.m. ...	64	51	c, or, o	1.3	0.01
+ Weymouth, to 6 p.m. ...	62	54	cl, bc, c	2.6	0.06	Buxton, to 6 p.m. ...					
+ Bournemouth, to 6 p.m. ...	60	56		1.2	0.10	Darwen, to 9 p.m. ...					
Southsea, to 6 p.m. ...						Manchester, to 9 p.m. ...					
						Birmingham, to 9 p.m. ...					

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
25th July, 1909					25th July, 1909				
Flushing ...	Observations	not received		Ins.	Malta ...	Observations	not received		Ins.
Copenhagen ...					Berne ...				
Vardö (North Cape) ...					Zurich ...				
St. Petersburg ...					Geneva ...				
Vienna ...					Lugano ...				
Buda-Pesth ...									
Hermanstadt ...					25th July, 1909				
Trieste ...					Coire ...	70		1.30 p.m.	Measure 7.30 a.m.
Florence ...					Castasegna ...	73			
Rome ...					Davos ...	64			
Naples ...					St. Gothard ...	57			

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.	
	Lat.	Long.		Direc.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Direc.	Force.
Canonia { 23rd July 4am	48 N	27 W	30.13	NW	4-5						Monte { 23rd July 3pm	50 N	16 W	29.77	NW	6-7
" " 7am	48 N	28 W	30.15	NW	4-5	cl					" " 6pm	50 N	17 W	29.71	NW	6-7
Canada { 23rd July 4am	49 N	34 W	30.24	ESE	1-3						Maurelans { 23rd July 3pm	51 N	14 W	29.55	NW	6-7
" " 7am	49 N	33 W	30.07	WSW	1-3	c					" " 6pm	51 N	13 W	29.64	NW	4-5
" " 3pm	50 N	29 W	30.01	SW	1-3	m					Cedric { 23rd July 3pm	51 N	10 W	29.58	WNW	6-7
" " 6pm	50 N	28 W	29.85	W	1-3	m					" " 6pm	51 N	12 W	29.66	WNW	6-7
Philadelphia { 23rd July 4am	49 N	11 W	29.48	NW	6-7											
" " 7am	49 N	12 W	29.42	NW	4-5	bc										

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) 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. gloomy; h. hail; i. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
68, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday  
27th July 1909.

STATIONS.	YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
	At 85° Fahr. and M.S.L. Lat. 45°	Temp.	WIND.		Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun. shine.	Rainfall.	
			Direc.	Force (0 to 12).		At 82° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).			Max.	Min.				
Ins.	Dry Bulb.			Ins.	Ins.												Hours.	Ins.		
SCANDINAVIA.																				
Haparanda...	29.69	55	S	2	b	29.60	-0.3	63	54	+5	E	4	b	*	63	46	*	*	*	
Hernösand...	29.58	56	S	2	o	29.41	-0.23	53	52	-8	E	4	r	*	63	45	*	*	0.39	
Stockholm...	29.51	57	WNW	2	o	29.52	-0.21	60	56	-1	SW	4	o	*	64	50	*	*	0.35	
Wisby...	29.62	58	WSW	4	bc	29.62	-0.7	61	56	-2	SW	6	bc	*	64	52	*	*	0.32	
Karlstad...	29.51	57	2	0	c	29.39	-0.24	55	54	-2	S	4	o	*	59	54	*	*	0.67	
Færder (X'ania Fjord)	29.44	56	1	4	o	29.35	-0.15	57	54	+2	W	1	o	4	59	54	*	*	0.75	
Bodö...	29.59	55	ENE	2	b	29.54	-0.9	60	55	+4	E	2	bc	1	60	54	*	*	-	
Christiansund...	29.35	58	SSE	2	o	29.38	-0.14	55	53	+1	W	1	b	1	63	48	*	*	-	
Skudesnaes...	29.27	54	SW	2	o	29.48	-0.3	54	53	+1	WNW	6	r	4	55	52	o	*	0.55	
ICELAND & FAEROE.																				
Isafjord...	29.66	56	2	0	c	29.77	+0.4	54	*	+5	2	0	c	*	*	*	*	*	*	
Reykjavik...	29.67	55	N	3	b	29.73	+0.6	52	*	+1	2	0	c	*	*	*	*	*	*	
Seydisfjord...	29.71	51	ENE	4	m	29.77	+0.9	45	*	-1	2	0	f	*	*	*	*	*	*	
Thorshavn...	29.61	52	2	0	o	29.70	+0.4	47	*	-2	MNE	3	o	*	*	*	*	*	*	
BRITISH ISLANDS.																				
Sumburgh Head	29.44	53	NNW	2	c	29.64	+0.27	49	47	-3	WNW	2	o	3	56	47	n.c.	2.3	0.02	
Stornoway...	29.63	52	NW	3	o	29.76	+0.27	53	49	+2	W	3	o	3	57	46	o.c. op. b.c.	7.4	0.01	
Castlebay (Barra Id.)	29.67	53	WNW	4	o	29.81	+0.29	50	49	-3	SW	3	o	3	57	49	c.o. bc. or. o	*	0.09	
Malin Head...	29.69	56	NNW	2	bc	29.81	+0.32	52	50	-1	N	1	cq	2	58	49	bc. bc. m	*	-	
Blacksod Pt. ...	29.76	58	W	2	bc	29.80	+0.17	56	52	+2	NE	1	bc	1	61	50	bc	*	-	
Valencia...	29.78	60	SSW	1	bc	29.63	-0.9	56	54	+1	ENE	5	c	4	61	52	o. cor. bep	10.1	0.01	
Roche's Point...	29.79	60	W	3	bc	29.68	-0.0	55	55	+1	E	2	r	3	61	49	p. c. bc. r	*	0.31	
Birr Castle...	29.74	61	W	5	c	29.78	+0.3	56	53	0	2	0	c	*	63	46	c. p. bc	9.7	0.01	
Donaghadee...	29.71	65	WNW	3	c	29.84	+0.38	49	49	-4	WSW	1	c	1	59	47	bc. bep	*	0.18	
Liverpool Obsy...	29.70	61	WSW	5	b	29.85	+0.39	57	53	+3	SW	2	bc	2	61	53	o. c. b. bc	8.3	-	
Holyhead...	29.72	58	SW	3	c	29.83	+0.30	56	54	+2	SW	2	bc	2	63	52	c	*	-	
Pembroke (St. Ann's Hd.)	29.80	57	SW	6	b	29.79	+0.15	55	55	+1	SE	5	mq	5	59	52	bcq. bc. bcq	13.5	0.12	
SCOTLAND.																				
Scilly (St. Mary's)...	29.88	59	W	4	c	29.69	-0.5	58	57	+1	SSE	5	r	2	63	57	cp. c	11.4	0.42	
Jersey (St. Aubins)...	29.96	62	W	5	b	29.90	+0.11	58	56	0	S	4	o	3	63	52	p. cm. or. m	11.8	0.01	
Portland Bill...	29.83	58	WSW	5	bc	29.92	+0.26	57	56	0	S	4	p	4	60	56	bc	7.2	0.01	
Dungeness...	29.81	60	WSW	6	cq	30.00	+0.36	59	57	0	SW	4	c	4	63	56	c	9.6	0.02	
Dover...	*	*	*	*	*	30.00	+0.34	58	55	0	SW	2	o	2	62	50	c. b. ocl. bc. o	9.0	0.32	
IRELAND.																				
Wick...	29.53	53	N	3	c	29.72	+0.36	52	50	0	N	2	bc	1	62	42	*	*	0.01	
Nairn...	29.58	54	NNW	2	bc	29.74	+0.36	51	49	-1	NW	1	c	1	59	46	er. c. bc	5.7	0.17	
Aberdeen...	29.52	54	NW	4	c	29.77	+0.32	51	48	-1	W	1	b	2	58	45	or. eq. c. bc	1.8	0.07	
Leith...	29.56	55	W	1	r	29.79	+0.49	52	49	0	SW	2	c	*	63	48	op. c. bc. er	*	0.19	
North Shields...	29.56	62	WSW	4	c	29.84	+0.58	54	50	+2	SW	3	bc	2	62	46	r. c	3.0	0.07	
Spurn Head...	29.64	61	W	6	bc	29.88	+0.50	55	53	0	WSW	2	c	3	61	52	opq. bc. c	*	-	
ENGLAND.																				
Yarmouth...	29.70	63	W	4	bc	29.93	+0.41	55	52	0	WSW	4	bc	4	67	48	bc	13.4	-	
Clacton-on-Sea...	29.76	57	WSW	4	c	29.98	+0.36	57	55	0	WSW	3	bc	3	68	52	c. bc. clp. bc	8.6	0.21	
Nottingham...	29.70	61	WNW	4	bc	29.90	+0.42	56	53	0	WSW	2	bc	*	63	44	bep. c. p. b	9.6	0.03	
Bath...	29.83	61	W	2	b	29.94	+0.27	56	56	+1	S	1	r	*	64	48	-	11.5	0.09	
Oxford...	29.86	57	WSW	4	bc	29.97	+0.33	55	53	-2	S	2	o	*	63	49	bc. cu. p. bc	*	0.03	
London (St. James's Park)	29.79	65	W	2	bc	29.97	+0.36	56	53	0	SW	1	cu	*	66	51	bc. c. clp. c	9.5	0.06	
SCOTLAND.																				
The Scaw (Skagen)...	29.45	59	SSW	4	o	29.45	+0.05	55	55	-4	W	6	r	2	64	57	*	*	0.16	
Fanö...	29.54	57	SW	8	r	29.73	+0.26	58	54	-1	WNW	6	c	*	64	55	*	*	0.04	
Cuxhaven†...	29.68	61	SW	5	c	29.88	+0.31	57	50	-4	WSW	5	dpq	*	66	55	*	*	0.12	
The Helder...	29.73	59	WSW	6	c	29.96	+0.38	59	56	0	WSW	3	bc	2	63	57	*	*	-	
Brussels...	*	*	*	*	*	30.07	+0.33	57	54	0	SW	1	bc	*	66	49	*	*	0.16	
Berlin†...	29.80	67	W	2	c	29.99	+0.32	60	71	-7	WSW	5	bc	*	75	57	*	*	0.12	
Frankfurt†...	29.97	58	SW	5	c	30.14	+0.36	57	79	-8	SW	5	b	*	72	52	*	*	0.04	
Munich†...	30.01	60	NW	3	r	30.19	+0.24	60	67	-4	W	2	b	*	72	52	*	*	0.91	
FRANCE.																				
C. Gris Nez...	29.83	58	SW	5	bc	30.02	+0.34	58	56	0	SW	3	c	4	61	55	*	*	0.04	
La Hève...	29.95	61	W	6	bc	30.06	+0.27	55	53	-1	SSW	4	o	4	63	50	*	*	0.04	
Brest...	29.99	62	WSW	2	b	29.89	+0.03	59	58	+1	SSE	6	r	4	68	56	*	*	-	
Lorient...	?	63	WSW	3	b	?	?	60	60	+3	S	4	o	3	64	57	*	*	0.08	
Rochefort...	30.07	66	W	4	c	30.01	+0.06	62	60	0	S	3	c	*	66	59	*	*	0.12	
Biarritz...	30.14	67	NNW	2	b	30.04	-0.01	63	59	+1	ESE	3	b	2	70	55	*	*	-	
SPAIN.																				
Paris...	29.98	61	SW	2	bc	30.12	+0.25	54	51	-4	S	1	c	*	68	47	*	*	0.04	
Belfort...	30.05	59	WSW	4	o	30.19	+0.23	60	54	-1	2	0	c	*	77	51	*	*	-	
Lyons...	30.05	67	E	1	b	30.17	+0.25	60	55	-11	NNE	1	b	*	77	51	*	*	-	
Nice...	29.89	75	W	2	b	29.99	+0.09	69	65	-8	2	0	b	1	86	63	*	*	-	
Perpignan...	30.05	75	NW	3	c	30.08	+0.15	70	63	-2	2	0	b	*	87	58	*	*	-	
Sanguinaire...	29.80	67	SE	2	b	29.85	+0.03	76	68	-1	E	1	m	2	*	*	*	*	-	
PORTUGAL.																				
Corunna...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Lisbon...	30.11	62	N	5	b	30.13	+0.06	64	58	-2	NW	4	b	*	75	59	*	*	-	
Azores (P. Delgada)...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Horta...	30.27	73	NNW	3	bc	30.30	+0.07	71	67	+2	2	0	bc	1	79	79	*	*	-	

For NOTES see Page 4.

† The corresponding value in yesterday's Report should have been 71°.

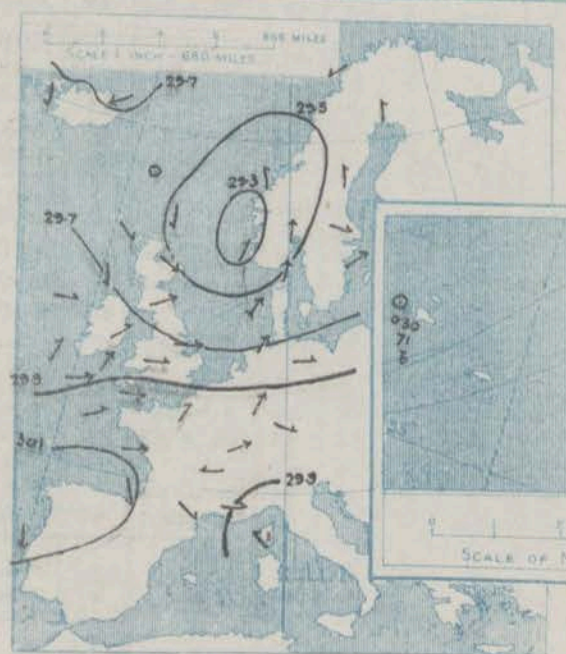


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

7 A.M. YESTERDAY.



6 P.M. YESTERDAY



AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE TWO MONTHLY PERIOD  
JULY - AUGUST.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)

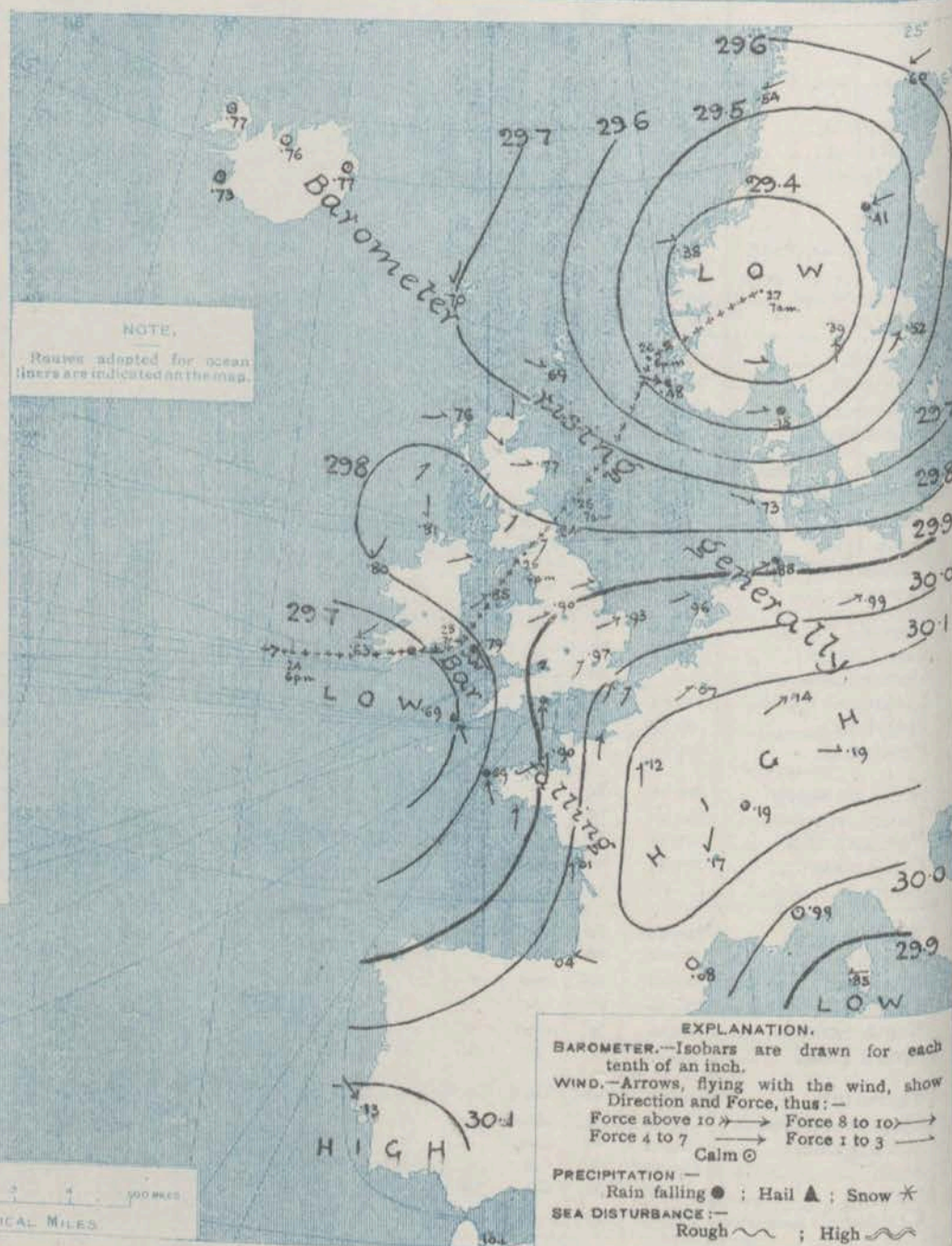


Tuesday.

WEATHER

27th July, 1909

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression of yesterday has passed on to Scandinavia and the barometer has risen briskly in its rear over Scotland and the north of England. During the night however, a fresh disturbance has arrived off our south-west coast, and the barometer in that region is now falling decidedly.

The wind is light to moderate from the Westward in Scotland and the greater part of England, but it has backed to the Southward and increased in force in the south-west of England and Brittany, and to South-East or East in South-Wales and the south of Ireland. Beyond the North Sea the cyclonic circulation is clearly marked, and the North-Atlantic current flows strongly at Skudeonao and on the coast of Denmark. Temperature has changed little, and over these Islands it ranges from 58° or 59° on the coast of Kent to below 55° at many northern stations, and to 49° at Donaghadee. The weather has improved over the northern half of the United Kingdom, but is again very cloudy or overcast in the south, and rainy in the south-west. In most parts of France and Germany the sky is only partially covered, but rain is falling at Brest. Variable weather prevails over the Scandinavian region.



CHARTS 27th July, 1909.

27th July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M TO DAY



## NOTES ON YESTERDAYS WEATHER

During yesterday the thermometer remained below  $65^{\circ}$  over a large portion of the Kingdom, and below  $60^{\circ}$  at some northern stations. Rain has fallen in nearly all parts of these Islands and the surrounding regions, and thunder and lightning have occurred at various places in the south-east of England. Many hours of bright sunshine were recorded in the north-west, south and south-east of this country, as well as at some stations in central England. In the north-east of Great Britain the day was mostly dull.

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

The new depression which has appeared off our south-  
west coast seems likely to travel or spread in a south-easterly  
direction.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0  $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$  W.<sup>s</sup> and S.W.<sup>s</sup> winds, light or moderate;  
fair generally, but not settled;  
continuing cool.
- 1
- 2  $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$  W.<sup>s</sup> and S.W.<sup>s</sup> winds, light; fair to  
cloudy or dull; cool.
- 3
- 4  $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$  Wind, between S. and E., increasing  
somewhat in force; becoming rainy  
or showery again in most places;  
temperature continuing low for the  
time of year.
- 5
- 6  $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$  Same as Nos. 0 & 1.
- 7  $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$  Same as No. 2.
- 8  $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$  Fresh to strong S.<sup>s</sup> and E.<sup>s</sup> winds;  
rainy to-day, improving somewhat  
to-morrow; cool.
- 9  $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$  Light variable winds; mostly fair,  
some rain locally, cool.
- 10  $\left\{ \begin{array}{l} a \\ b \end{array} \right\}$  Wind mainly E.<sup>s</sup>, light to fresh;  
rainy; cool.

## II WESTERN CHANNEL AND BAY


Fresh to strong S.<sup>W</sup> to E.<sup>N</sup> winds; sea moderate to rough; rain and mist probable.


### FORECAST DISTRICTS.


Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—


Signals hoisted yesterday.

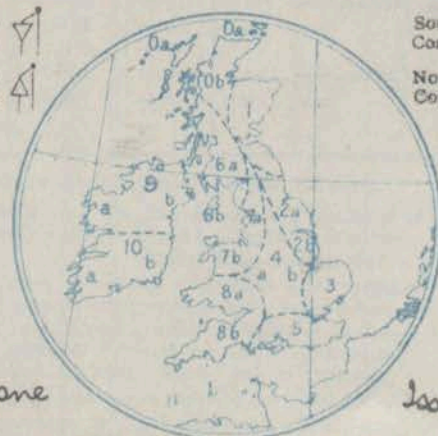
Signals hoisted  
this morning.

South Cone. 

North Cone. 

South Cone. 

North Cone. 



Trane

Issued



# DAILY WEATHER REPORT.

Tuesday 27th July, 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 8 p.m. ...	61	52	b. bc	3.1	1.97	Worthing, to 6 p.m. ...	64	53	c	8.6	-
+ Oban, to 6 p.m. ...	61	52	b. bc	10.0	-	Brighton, to 6 p.m. ...	64	56	*	8.5	0.09
Dublin (City), to 4 p.m. ...	63	49	cp. bc	-	0.10	+ Seaford, to 6 p.m. ...	63	57	bc. b	12.5	0.01
Rossall Beach, to 6 p.m. ...	59	53	c. b. o. bc	-	0.08	+ Eastbourne, to 6 p.m. ...	63	56	*	12.5	0.09
Blackpool, to 9 p.m. ...	60	52	og. c. o	8.1	0.05	Bexhill-on-Sea, to 9 p.m. ...	63	56	b. b	10.4	-
Southport, to 9 p.m. ...	61	54	c. b. c	10.3	-	+ Hastings ...	*	*	*	10.0	0.01
+ Rhyi, to 6 p.m. ...	63	53	ov. bc. b	9.5	0.07	+ Folkestone, to 6 p.m. ...	61	51	bc. cp. t. bc	9.3	0.08
+ Colwyn Bay, to 6 p.m. ...	63	52	b	10.0	0.06	+ Ramsgate, to 6 p.m. ...	64	51	clth. b. o	8.9	0.10
Llandudno, to 9 p.m. ...	62	53	crq. w. c	7.3	0.13	+ Margate, to 6 p.m. ...	67	60	*	10.9	-
Bettws-y-Coed, to 8 p.m. ...	64	?	b	6.0	-	+ Felixstowe, to 6 p.m. ...	67	51	o. c	12.5	-
Towyn, to 6 p.m. ...	63	53	c. b. bc. c	6.2	0.01	+ Lowestoft, to 6 p.m. ...	64	55	og. b	13.5	0.00
Aberystwyth, to 6 p.m. ...	60	54	*	8.0	-	+ Skegness, to 6 p.m. ...	62	50	og. bc	1.6	0.00
Plymouth, to 9 p.m. ...	62	53	*	6.7	0.28	Scarborough, to 9 p.m. ...	61	49	c. op. bc. b	3.4	0.00
Torquay, to 6 p.m. ...	64	55	c. bc. o	7.2	-	+ Harrogate, to 6 p.m. ...	57	49	ov. w. p. o	5.7	0.22
+ Weymouth, to 6 p.m. ...	65	52	b. bc. cd	8.0	0.06	Darwen, to 9 p.m. ...	62	52	op. bc. b. c	8.3	0.01
+ Bournemouth, to 6 p.m. ...	63	55	*	7.8	-	Manchester, to 9 p.m. ...	64	49	p. c	11.8	-
Southsea, to 6 p.m. ...						Birmingham, to 9 p.m. ...				8.6	-

+ At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		Weather.	Rain.	STATIONS.	TEMPERATURE F.		Weather.	Rain.
	Max.	Min.				Max.	Min.		
Flushing ... 26th July, 1909	68	55	c. bc	Ins.	Malta ... 26th July, 1909	84	73	b	Ins.
Copenhagen ...	66	57	o. o	0.04	Berne ...	*	*	r. c	0.04
Vardö (North Cape) ...	46	43	o. o	-	Zurich ...	*	*	c. bc	0.16
St. Petersburg ...	63	54	f. b	0.16	Geneva ...	*	*	o. bc	0.04
Vienna ...	82	66	bc. c	-	Lugano ...	*	*	o. b	-
Buda-Pesth ...	86	68	b. b	-	Coire ... 25th July, 1909	Observations not received.			
Hermanstadt ...	90	61	b. b	-	Castasegna ...				
Trieste ...	90	70	b. b	-	Davos ...				
Florence ...	91	64	b. b	-	St. Gothard ...				
Rome ...	91	65	b. b	-					
Naples ...	87	66	b. b	-					

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis. turb. ancc.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.	
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.
Lake Manitoba { 24th July 4am	55 N	13 W	29.50	WNW	6-7	-	o	o	o					Ins.		
" " 7am	55 N	13 W	29.53	WNW	6-7	c										
" " 3pm	54 N	13 W	29.63	WNW	6-7	-										
" " 6pm	54 N	17 W	29.74	WNW	8-9	bc										
" " 10am	54 N	19 W	29.80	WNW	6-7	-										
" " 7am	54 N	20 W	29.81	WNW	6-7	c										
Columbia { 25th July 3pm	54 N	16 W	29.63	N	4-5	-										
" " 6pm	54 N	17 W	29.70	N	6-7	o										
Minnewaska { 26th July 4am	49 N	10 W	29.82	WNW	4-5	-										
" " 7am	49 N	11 W	29.87	WNW	4-5	c										
Kronland { 26th July 4am	49 N	11 W	29.63	WNW	4-5	-										
" " 7am	49 N	12 W	29.68	WNW	4-5	bc										

### NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m., local time, Azores 6 a.m. local time.
- (b) 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. gloomy; h. hail; i. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.  
† The figures in the "wet bulb" column represent the relative humidity.  
‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
68, VICTORIA STREET, S.W.  
W. N. SHAW, (Director.)



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

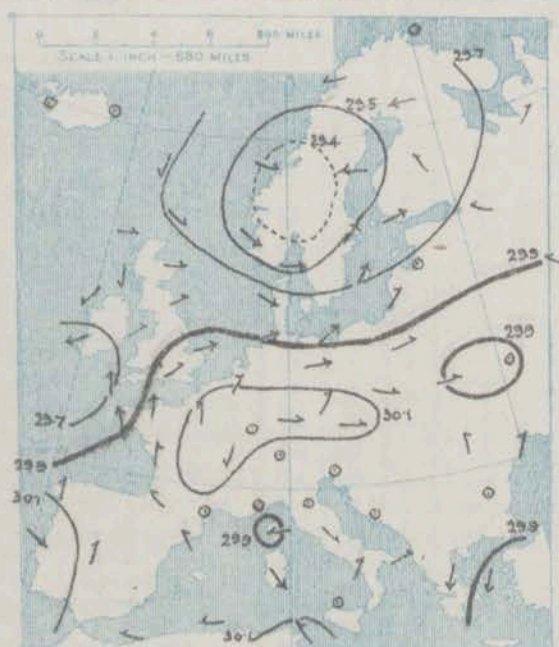
Wednesday  
28th July 1909

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.		TEMP.	WIND.		Weather.	BAROMETR.		TEMPERATURE.			WIND.		Sea (0 to 9).	TEMP.		Weather.	Sun. shine.	Rainfall.	
		At 82° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Direc.	Force (0 to 12).	At 82° Fahr. and M.S.L. Lat. 45°		Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 15).	Max.		Min.					
		Ins.					Ins.														
Haparanda...		29.53	54	ESE	2	bc	29.54	-0.6	59	56	-4	NE	2	bc	*	65	46	*	*	0.08	
Hernösand...		29.36	55	E	0	c	29.42	+0.1	54	53	+1	2	0	o	*	59	52	*	*	0.25	
Stockholm...		29.49	56	W	6	o	29.59	+0.7	55	52	-3	W	6	o	*	61	52	*	*	0.20	
Wisby...		29.65	58	WSW	8	bc	29.71	+0.9	57	52	-4	WSW	8	c	*	64	52	*	*	-	
Karlstad...		29.56	58	SW	2	b	29.62	+0.23	57	53	+2	SSW	2	b	*	*	*	*	*	0.08	
Färder (X'ania Fjord)		29.55	60	SW	6	b	29.63	+0.28	60	54	+3	WSW	2	b	3	61	56	*	*	0.04	
Bodö...		29.77	60	E	2	b	29.55	+0.1	58	53	-2	NE	1	c	1	64	46	*	*	-	
Christiansund...		29.52	55	WNW	2	c	29.65	+0.27	53	52	-2	W	3	f	2	57	52	*	*	-	
Skudesnaes...		29.73	53	WNW	6	o	29.77	+0.29	54	51	0	N	2	o	3	55	50	c.o	*	0.28	
Isafjord...		29.80	52	E	2	c	29.79	+0.2	51	*	-3	2	0	c	*	*	*	*	*	*	
Reykjavik...		29.80	54	WNW	2	bc	29.73	0.0	51	*	-1	2	0	c	*	*	*	*	*	*	
Seydisfjord...		29.83	60	ENE	4	c	29.80	+0.3	44	*	-1	2	0	f	*	*	*	*	*	*	
Thorshavn...		29.81	52	S	2	o	29.89	+0.19	46	*	-1	NE	1	o	*	*	*	*	*	*	
Sumburgh Head		29.79	50	WNW	2	o	29.86	+0.22	49	46	0	WNW	1	c	1	53	43	o	*	-	
Stornoway...		29.86	55	N	2	c	29.92	+0.16	52	49	-1	WNW	2	c	2	59	48	c, bc, c	7.2	-	
Castlebay (Barra Id.)		29.81	56	NW	3	b	29.93	+0.12	52	51	+2	2	0	c	1	50	48	op, o, c, bc	7.1	-	
Malin Head		29.86	55	NNW	2	bc	29.93	+0.12	53	51	+1	NW	2	bc	2	58	51	bc	*	-	
Blacksod Pt.		29.88	56	NNE	2	bc	29.99	+0.19	54	52	-2	SSW	2	cp	2	61	46	bc	*	0.01	
Valencia...		29.85	60	NNW	5	bu	30.06	+0.23	54	52	-2	2	0	o	3	64	50	cp, c, bu, bc	4.5	-	
Roche's Point...		29.76	60	N	4	o	30.05	+0.37	53	51	-2	NNW	2	bc	3	62	50	r, fd, ag, bc	*	0.11	
Birr Castle...		29.79	62	NNE	3	bc	30.05	+0.27	54	51	-2	WSW	1	bc	*	63	47	c, bc	2.4	-	
Donaghadee...		29.84	56	NNW	2	c	29.94	+0.10	51	49	+2	WNW	3	bc	1	59	48	bc	*	-	
Liverpool Obsy...		29.77	56	E	3	r	29.88	+0.03	55	52	-2	WNW	4	b	4	63	54	c, r	3.2	0.39	
Holyhead...		29.75	57	NE	4	om	29.94	+0.11	54	52	-2	N	5	bc	4	58	51	rm, om	*	0.22	
Pembroke		29.65	57	SW	3	f	29.97	+0.18	55	53	0	NNW	3	b	4	59	51	rmq, fd	0.0	0.90	
(St. Ann's Hd.)																					
Scilly (St. Mary's)...		29.69	59	SSW	2	f	30.01	+0.32	57	54	-1	NNW	3	c	2	60	56	r, f	0.0	0.18	
Jersey (St. Aubins)...		29.88	61	S	3	o	29.89	-0.01	59	59	+1	WNW	3	c	3	65	57	om, f, cm	0.0	0.13	
Portland Bill...		29.74	58	S	7	r	29.85	-0.07	58	56	+1	NW	5	o	5	59	57	r, f, o	0.0	0.92	
Dungeness...		29.90	60	SSE	2	r	29.72	-0.28	60	59	+1	WNW	4	o	4	63	57	ce, cp, ag, rg	1.6	0.49	
Dover...		*	*	*	*	*	29.75	-0.25	58	57	0	NNW	3	o	3	62	56	o, bc, op, r	2.5	0.62	
Wick...		29.83	55	SE	2	bc	29.88	+0.16	51	49	-1	NW	2	b	1	58	40	-	*	0.16	
Nairn...		29.83	54	W	1	bc	29.91	+0.17	50	50	-1	2	0	o	1	63	47	c, ce, c	3.8	0.20	
Aberdeen...		29.83	56	2	0	c	29.90	+0.13	53	50	+2	NNW	1	c	2	62	51	bc, cp, c	5.5	0.05	
Leith...		29.79	61	WNW	1	c	29.89	+0.10	51	50	-1	W	1	o	*	61	49	c	*	0.03	
North Shields...		29.84	56	ESE	2	c	29.85	+0.01	55	54	+1	N	2	c	2	62	48	r, o, c	?	0.02	
Spurn Head...		29.87	55	SSW	3	r	29.78	-0.10	55	54	0	NNW	4	o	3	69	53	c, or, o	*	0.97	
Yarmouth...		29.94	58	S	3	rg	29.69	-0.24	55	55	0	NNW	5	o	8	69	53	bc, rg	13.4	0.64	
Clacton-on-Sea...		29.90	58	S	3	r	29.71	-0.17	58	57	-1	NW	3	o	2	64	56	bc, c, or	3.9	1.01	
Nottingham...		29.83	55	ESE	3	r	29.83	-0.07	56	54	0	WNW	3	bm	*	63	54	bc, or, r	4.4	1.04	
Bath...		29.77	59	SE	2	r	29.91	-0.03	58	54	+2	NW	1	bc	*	60	55	-	0.0	0.55	
Oxford...		29.75	58	S	5	r	29.88	-0.09	58	55	+3	NNW	3	bm	*	60	55	od, or, c	*	0.55	
London (St. James's Park)		29.85	58	S	2	or	29.78	-0.19	57	55	+1	NNW	4	c	*	62	55	op, or, o	0.4	0.88	
The Scaw (Skagen)...		29.71	55	W	8	bc	29.71	+0.26	56	53	+1	WNW	6	b	2	61	54	*	*	-	
Fanö...		29.85	55	NW	4	b	29.80	+0.07	57	55	-1	SW	1	r	*	61	54	*	*	-	
Cuxhaven†...		29.98	62	W	3	b	29.75	-0.13	58	93	+1	ESE	3	r	*	64	56	*	*	0.04	
The Helder...		29.97	60	2	0	o	29.62	-0.34	58	57	-1	S	3	r	1	63	55	*	*	0.79	
Brussels...		*	*	*	*	*	29.73	-0.34	59	59	+2	SW	2	r	*	70	57	*	*	0.35	
Berlin†...		30.02	66	2	0	b	29.87	-0.12	63	70	+3	SE	2	c	*	73	57	*	*	-	
Frankfurt†...		30.01	63	SE	1	c	29.85	-0.29	61	75	+4	SW	1	o	*	73	52	*	*	-	
Munich†...		30.06	59	E	3	c	29.90	-0.29	64	88	+4	2	0	c	*	70	54	*	*	-	
C. Gris Nez...		29.90	60	2	0	o	29.73	-0.29	59	59	+1	WSW	4	r	3	68	57	*	*	0.67	
La Hève...		29.89	63	SSW	3	r	29.83	-0.23	59	56	+4	WSW	6	r	5	64	55	*	*	0.20	
Brest...		29.82	58	SSW	6	f	29.99	+0.10	57	56	-2	NW	5	o	3	63	55	*	*	0.16	
Lorient...		?	60	SSW	5	r	?	?	59	59	-1	NW	5	r	5	66	55	*	*	0.12	
Rochefort...		29.97	69	NW	2	c	29.99	-0.02	66	64	+4	W	4	o	*	73	61	o, c	*	0.04	
Biarritz...		29.97	70	W	2	b	30.14	+0.10	66	62	+3	SSW	2	o	2	81	63	*	*	-	
Paris...		29.97	68	SSE	2	o	29.87	-0.25	62	58	+8	SSW	3	o	*	72	59	*	*	-	
Belfort...		30.04	67	ENE	2	a	29.96	-0.23	62	57	+2	W	1	c	*	76	55	*	*	-	
Lyons...		29.97	79	E	1	b	30.04	-0.13	62	60	+3	ESE	1	r	*	82	62	*	*	0.08	
Nice...		29.97	74	2	0	b	29.98	-0.01	67	64	-2	2	0	f	1	82	63	*	*	-	
Perpignan...		29.94	72	NE	3	b	30.01	-0.07	73	65	+3	NW	3	bc	*	80	59	*	*	-	
Sanguinaire...		29.89	79	N	1	b	29.86	+0.01	75	66	-1	E	1	b	3	*	*	*	*	-	
Corunna...		30.18	65	WNW	1	b	30.22	+0.09	68	61	+4	NNE	4	bc	*	75	64	*	*	-	
Lisbon...		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Azores (P. Delgada)...		30.43	74	NNE	3	o	30.44	+0.14	72	69	+1	NNE	2	o	2	81	71	*	*	-	
„ Horta...		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

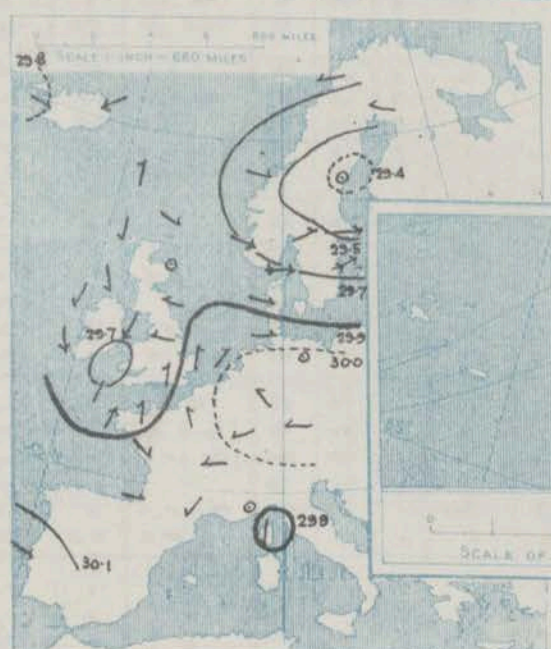


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

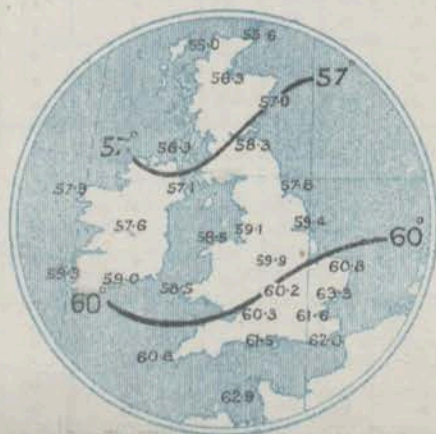
7 A.M. YESTERDAY.



6 P.M. YESTERDAY.



AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE TWO MONTHLY PERIOD  
JULY - AUGUST.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)

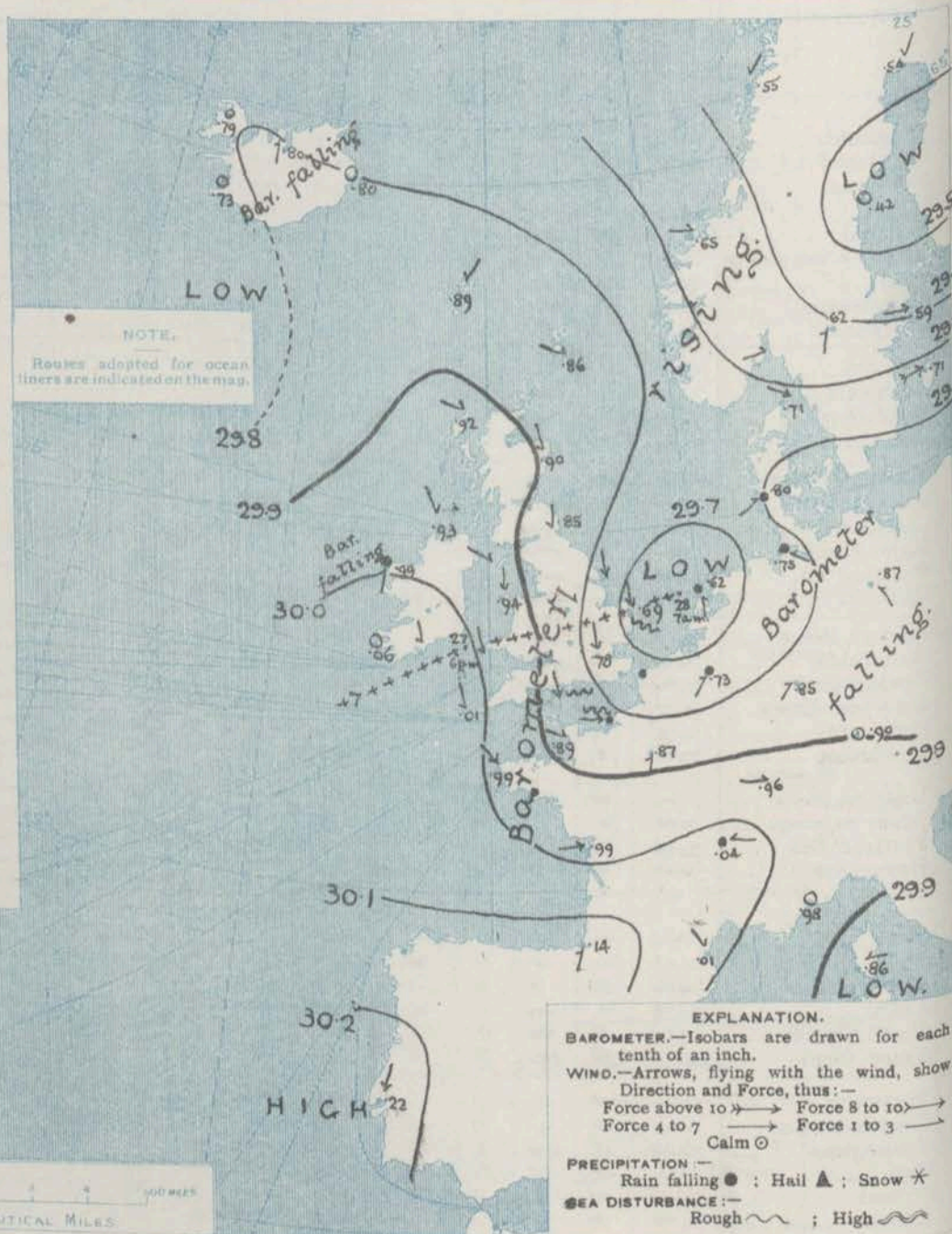


Wednesday.

WEATHER

28th July, 1909.

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression of yesterday has reached a position between this country and Holland, where the barometer is about 29.6 ins. Another disturbance with rather lower readings lies over the Gulf of Bothnia, while the highest pressure is found between Portugal and the Azores. The mercury is falling again on the north-west coast of Ireland.

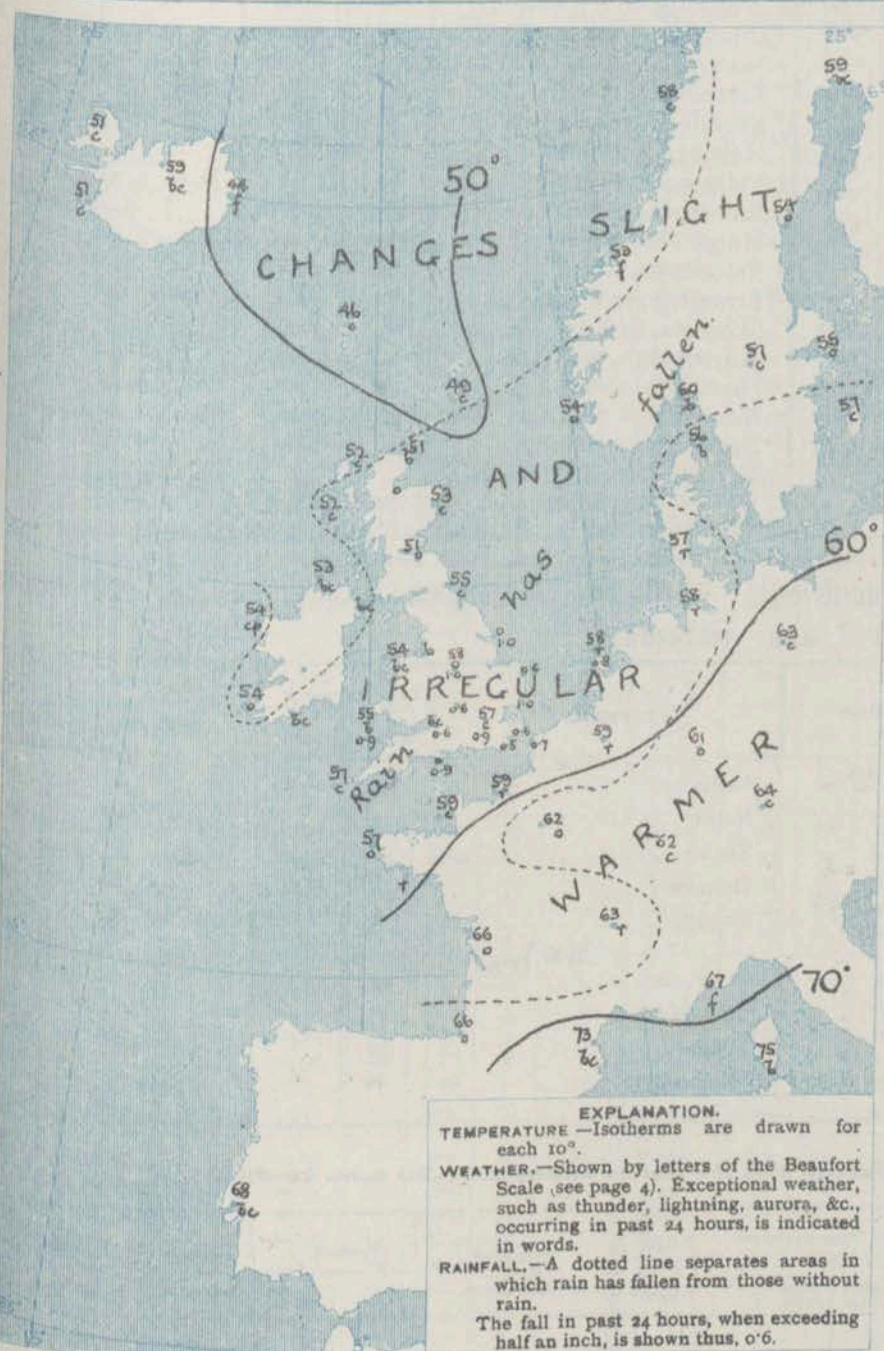
The wind has veered to the North-Northwest over these Islands generally, but it has backed again to the South-Northwest at Blackhead Point. Over France and Germany a light or moderate breeze from between West and South is reported, and over the south of Sweden a strong breeze to a gale from the Westward prevails. Temperature has changed very little, and ranges over these Islands from 60° at Dungeness to below 56° at most places in the north and west, and to 49° at Lumburgh Head. The weather is fair over the greater portion of these Islands, but overcast in places, and showery at Blackhead Point. Rain is falling in the north-east of France, the Netherlands, and Denmark, as well as at Lyons, and much cloud is reported from the Continent generally.



# CHARTS

28th July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M. TO DAY.



### NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 69° at Great Yarmouth and Spurnhead, but failed to touch 65° over the Kingdom as a whole. Very heavy rain fell in many parts of England and Wales; the largest measurements reported this morning are 0.9 inch at Pembroke, Portland Bill and London, and 1 inch at Spurnhead, Nottingham and Cleethorpe-on-Sea. More than 13 hours of bright sunshine were recorded at Great Yarmouth, but over the country generally there was very little, more over a large part of the west and south west of England.

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

The depression off the east coast of England will soon cease to have any important influence on the weather over this country, but there are already indications of the arrival of another disturbance from the Atlantic, so that the general character of the weather will continue unsettled, although today will be mostly fair.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 { a } N.W. to W. or S.W. winds, light  
 { b } or moderate; cloudy to fair or fine.
- 1 { a } then some rain; temperature  
 { b } continuing low for the time of year.
- 2 { a }  
 { b }
- 3 { a } N.W. winds, moderate, to W. winds  
 { b } moderate or light; generally fair.
- 4 { a } to-day, some rain probable  
 { b } to-morrow; temperature remaining low.
- 5 { a }  
 { b }
- 6 { a } Same as Nos. 0 to 2.  
 { b }
- 7 { a } N.W. to S.W. winds, light or  
 { b } moderate; fair or fine, then dull, with  
 { a } some rain; temperature continuing  
 { b } low.
- 8 { a }  
 { b }
- 9 { a } Wind between W. and S., light to  
 { b } fresh; changeable, fair to rainy;  
 { a } little change of temperature.  
 { b }
- 10 { a }  
 { b }

### II WESTERN CHANNEL AND BAY.

N.W. to W. winds, fresh to light; sea moderate to slight; mostly fair, some mist.

### FORECAST DISTRICTS.

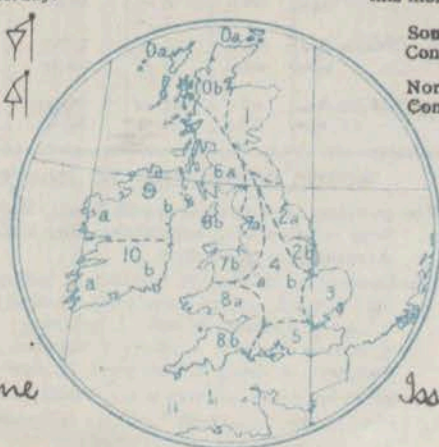
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South  
Cone.  
North  
Cone.

South  
Cone.  
North  
Cone.





## DAILY WEATHER REPORT.

Wednesday, 28th July, 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Inch.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Inch.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	61	51		3.6	0.50	+ Worthing, to 6 p.m. ...	62	52	cr	0.3	0.34
+ Oban, to 6 p.m. ...	61	51		3.3	0.09	+ Brighton, to 6 p.m. ...	60	54		0.8	0.11
Dublin (City), to 4 p.m. ...	62	49	p. b. or, org		0.35	+ Seaford, to 6 p.m. ...	62	57	o. r	0.0	0.11
Rossall Beach, to 6 p.m. ...	60	53	o. c. or		0.08	+ Eastbourne, to 6 p.m. ...	62	56		0.1	0.10
Blackpool, to 9 p.m. ...	62	53	c. or, o	3.0	0.10	Bexhill-on-Sea, to 9 p.m. ...	61	57	cr, r	0.4	0.10
Southport, to 9 p.m. ...	63	54	c. or, o	2.1	0.42	Hastings ...	*	*		0.2	0.08
+ Rhyi, to 6 p.m. ...	63	52	b. bc, r	2.8	0.27	+ Folkestone, to 6 p.m. ...	62	46	bc. cp. c. r	1.9	0.0
Colwyn Bay, to 6 p.m. ...	62	54		2.5	0.32	+ Ramsgate, to 6 p.m. ...	60	50		2.6	0.08
Llandudno, to 9 p.m. ...	63	55	bc, c. r	2.4	0.29	Margate, to 6 p.m. ...	64	50		5.2	0.0
Bettws-y-Coed, to 6 p.m. ...	60	52	bc, c	2.2	*	+ Felixstowe, to 6 p.m. ...	67	49	bc. or, o. or	8.3	0.0
Towyn, to 6 p.m. ...	59	52		1.1	0.51	+ Lowestoft, to 6 p.m. ...	66	52		5.3	0.0
Aberystwyth, to 6 p.m. ...	59	50		0.0	0.50	Skegness, to 6 p.m. ...	64	49	o	3.1	0.0
Plymouth, to 9 p.m. ...	59	52		0.0	1.14	Scarborough, to 9 p.m. ...	62	48	bc. c. or, m	1.0	0.0
Torquay, to 6 p.m. ...	59	55		0.0	0.83	+ Harrogate, to 6 p.m. ...	58	49	bc. b. c. or	4.2	0.0
+ Weymouth, to 6 p.m. ...	58	51	r. d	0.0	0.70	+ Buxton, to 6 p.m. ...	58	49	on. r. bc, or	1.2	0.0
+ Bournemouth, to 6 p.m. ...	58	51		0.0	0.25	Darwen, to 9 p.m. ...	58	49			
Southsea, to 6 p.m. ...	59	54		0.0	0.25	Manchester, to 9 p.m. ...	58	48	c. r	1.7	0.0
						Birmingham, to 9 p.m. ...	60	58	*	0.1	0.0
						+ Bognor, to 6 p.m. ...					

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN.
	Max.	Min.				Max.	Min.		
Flushing ... 27th July, 1909	63	54	c. bc	Ina. 0.04	Malta ... 27th July, 1909	84	79	b	0.04
Copenhagen ...	66	55	c. o	-	Berne ...	*	*	o. b	0.24
Vardö (North Cape) ...	48	43	f. f	-	Zurich ...	*	*	o. b	0.04
St. Petersburg ...	64	54	b. r	0.16	Geneva ...	*	*	o. b	0.04
Vienna ...	82	57	b. o	0.08	Lugano ...	*	*	bc. b	-
Buda-Pesth ...	93	68	b. b	-	Coire ... 26th July, 1909. 1.60 p.m.	72	*	b	0.08
Hermanstadt ...	91	64	b. b	-	Castasegna ...	71	*	b	0.08
Trieste ...	90	73	b. b	-	Davos ...	70	*	bc	0.08
Florence ...	96	65	b. b	-	St. Gothard ...	50	*	o	0.08
Rome ...	95	65	b. b	-					
Naples ...	89	72	b. b	-					

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis-turb-ance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.	
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.
Monteruma { 25th July 3 p.m.	50 N	20 W	29.85	NW	4-5	c	o	o	o		Philadelphia { 26th July 4 a.m.	43 N	71 W	29.63	WSW	1-3
" " " 9 p.m.	50 N	21 W	29.86	NW	4-5	c					" " " 7 a.m.	43 N	71 W	29.53	SSE	4-5
Mauritania { 26th July 4 a.m.	50 N	20 W	29.64	SW	4-5	-					Comperia { 27th July 4 a.m.	50 N	14 W	29.63	ENE	6-7
" " " 7 a.m.	48 N	22 W	29.93	SE	4-5	o					" " " 7 a.m.	51 N	12 W	29.90	ENE	6-7
Cedric { 26th July 4 a.m.	50 N	15 W	29.79	WNW	4-5	o					Adriatic { 26th July 3 p.m.	47 N	27 W	29.79	WNW	6-7
" " " 7 a.m.	50 N	18 W	29.72	SW	4-5	o					" " " 6 p.m.	47 N	26 W	29.72	WNW	6-7
" " " 3 p.m.	50 N	21 W	29.40	E	6-7	c					" " " 2 p.m.	43 N	17 W	29.93	N	4-5
" " " 6 p.m.	49 N	22 W	29.53	NE	6-7	c					" " " 4 p.m.	43 N	15 W	30.00	NNW	4-5
Mimosa { 26th July 3 p.m.	48 N	15 W	29.64	SE	6-7	-										
" " " 6 p.m.	48 N	16 W	29.65	SE	4-5	r										
Koonland { 26th July 3 p.m.	48 N	15 W	29.47	SE	4-5	-										
" " " 6 p.m.	48 N	16 W	29.30	SE	4-5	r										
Philadelphia { 26th July 3 p.m.	48 N	22 W	29.29	WNW	4-5	-										
" " " 6 p.m.	48 N	23 W	29.37	WNW	6-7	o										

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 6 a.m. local time.
- (b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
63, VICTORIA STREET, S.W.  
W. N. SHAW, (Director.)

SCANDINAVIA.

ICELAND &amp; FAEROE.

BRITISH ISLANDS.

GERMANY, &amp;c.

FRANCE.

SPANISH PENIN.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

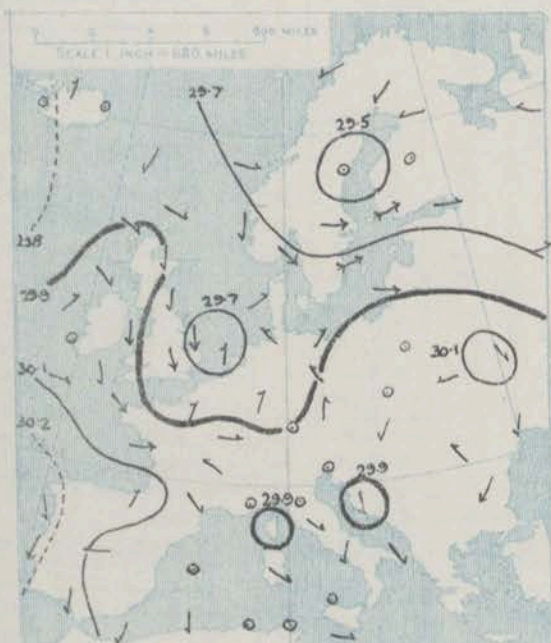
Thursday  
29th July 1909

WEATHER REPORT OF THE METEOROLOGICAL OFFICE.																				29th July, 1909	
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9).	TEMP.		Weather.	Sun-shine.	Rainfall.		
		At 82° Fahr. and M.S.L. Lat. 45°	Dry Bulb.	Force (0 to 19).	Weather.		At 82° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 19).		Weather.	Max.				Min.	
SCANDINAVIA.		Inch.	"	Direc.	Force (0 to 19).	Weather.	Inch.	Inch.	"	"	"	Direc.	Force (0 to 19).	Weather.	Sea (0 to 9).	"	"	Weather.	Hours.	Inch.	
Haparanda...		29.87	59	NE	2	r	29.54	58	54	-1	E	2	0	c	2	66	50	*	*	0.24	
Hernösand...		29.55	55	2	0	c	29.55	56	53	+2	NE	2	0	*	*	59	52	*	*	0.17	
Stockholm...		29.58	59	SSW	4	bc	29.52	58	54	+3	WNW	2	0	*	*	68	52	*	*	0.17	
Wisby...		29.63	57	SSW	4	b	29.48	53	52	-4	E	3	7	*	*	57	50	*	*	0.12	
Karlstad...		29.60	60	2	0	b	29.56	57	54	0	N	4	bc	*	*	*	*	*	*	*	
Færder (X'ania Fjord)		29.60	58	SSW	2	b	29.58	60	55	0	MNE	2	6	2	*	*	61	37	*	*	*
Bodø...		29.45	58	NNE	1	b	29.66	54	52	-4	N	2	1	r	1	64	50	*	*	*	
Christiansund...		29.75	52	WNW	2	f	29.72	52	51	-1	N	1	f	1	1	53	52	*	*	0.12	
Skudesnaes...		29.73	53	NNW	6	c	29.71	52	50	-2	NNW	6	0	2	2	55	50	b.c	*	*	
ICELAND & FAEROE.																					
Isafjord...		29.70	56	SE	1	c	29.68	51	50	0	2	0	c	*	*	*	*	*	*	*	
Reykjavik...		29.66	59	SE	5	c	29.63	52	51	+1	SE	1	b	*	*	*	*	*	*	*	
Seydisfjord...		29.73	69	ENE	2	b	29.70	46	46	+2	2	0	b	*	*	*	*	*	*	*	
Thorshavn...		29.87	51	S	2	0	29.73	46	46	0	NE	4	0	*	*	*	*	*	*	*	
BRITISH ISLANDS.																					
Sumburgh Head		29.65	51	WNW	1	b	29.74	49	45	0	NE	2	c	2	53	45	b	*	*	*	
Stornoway...		29.66	54	S	3	ov	29.68	51	51	-1	S	2	r	2	56	49	c. o. v. oden	1.1	0.07		
Castlebay (Barra Id.)		29.84	52	SE	3	p	29.73	54	53	+2	WNW	4	0	3	57	49	c. bc. p. o. o	6.3	0.38		
Malin Head		29.82	54	SE	3	emp	29.78	54	54	+1	W	3	opqm	5	60	52	bc. empq	*	0.15		
Blacksod Pt.		29.90	57	WSW	4	mp	29.87	57	56	+3	WSW	4	r	4	60	53	cmv. spm. em	*	0.08		
Valencia...		30.03	59	WSW	4	om	30.02	58	57	+4	SW	3	om	4	61	54	ond. on. d	0.2	0.01		
Roche's Point		30.01	60	WNW	3	c	30.03	58	54	+2	W	1	0	2	60	53	o. odj. c. om	*	0.02		
Birr Castle		29.95	60	SW	3	r	29.93	57	56	+3	SSW	1	or	0	61	53	c. cr. or	3.5	0.05		
Donaghadee		29.93	52	SE	1	r	29.86	56	56	+5	WSW	1	c	1	59	50	bc. op. o. c	*	0.03		
Liverpool Obsy...		29.97	58	W	2	0	29.87	56	54	+1	WSW	5	0	4	60	53	c. b. o	11.4	0.05		
Holyhead		29.99	56	SSW	4	om	29.91	57	56	+3	W	4	c	3	62	52	b. om	*	0.01		
Pembroke (St. Ann's Hd.)		30.04	56	SW	3	0	29.97	57	55	+2	W	4	egm	4	59	53	bc. og	11.1	0.01		
Scilly (St. Mary's)		30.10	59	WSW	4	0	30.09	58	55	+1	WNW	3	c	2	64	57	c. o	11.3	*		
Jersey (St. Aubins)		30.14	62	WNW	5	b	30.11	60	59	+1	W	4	0	3	67	57	cm. bc. ogm	10.2	0.01		
Portland Bill		30.03	62	W	3	b	30.02	59	57	+1	WSW	4	bc	4	65	57	b	12.7	*		
Dungeness		29.97	64	EW	1	c	29.95	59	59	-1	SW	5	0	4	69	55	c. bc. cr	5.0	0.06		
Dover		*	*	*	*	*	29.96	57	56	-1	SW	3	bc	3	68	52	o. c. bc. c	5.3	*		
Wick		29.84	54	S	2	b	29.70	52	51	+1	S	3	0	2	60	48	*	*	0.01		
Nairn		29.66	57	E	1	bc	29.69	51	51	+1	2	0	r	1	66	48	o. c. bc. ed	4.4	0.07		
Aberdeen		29.89	54	S	1	c	29.77	51	51	-1	SSW	1	r	2	59	51	cp. odm	3.0	0.03		
Leith		29.85	60	2	0	c	29.74	57	53	+6	WSW	3	c	*	61	51	o. c. o	*	0.05		
North Shields		29.91	56	ENE	2	c	29.77	57	56	+2	WSW	2	0	2	59	51	c. r	6.8	0.03		
Spurn Head		29.93	57	SE	2	c	29.82	57	55	+2	WSW	3	cpd	3	61	52	bc. c. cpd	*	0.02		
Yarmouth		29.95	60	NW	3	bc	29.92	55	53	0	SSW	2	c	4	63	53	bc	9.6	*		
Clacton-on-Sea		29.96	62	NW	2	bc	29.93	58	55	0	WSW	4	0	3	67	55	o. c. bc. o	7.9	*		
Nottingham		29.96	62	WNW	3	b	29.89	57	55	+1	W	3	c	*	66	52	omg. c. bc. o	11.5	0.02		
Bath		30.05	63	SSW	4	b	29.99	61	57	+3	W	1	0	*	68	55	bc. b	13.2	0.01		
Oxford		30.03	60	WSW	2	b	29.95	60	57	+2	WSW	4	0	*	69	55	*	*	*		
London (St. James's Park)		29.98	66	NW	4	c	29.94	58	56	+1	WSW	2	c	*	70	56	c. bc. c. bc	9.5	*		
GERMANY, & C.																					
The Scaw (Skagen)		29.63	57	W	1	c	29.60	57	56	+1	NNW	1	bc	0	63	46	*	*	*	*	
Fanø		29.70	53	NW	4	bc	29.78	55	49	-2	NW	5	c	*	59	52	*	*	0.12		
Cuxhaven†		29.57	58	N	5	r	29.86	57	49	-1	WNW	4	c	*	61	54	*	*	0.87		
The Helder		29.90	56	NNW	5	bc	29.90	59	54	+1	W	2	0	1	61	55	*	*	0.04		
Brussels		*	*	*	*	*	30.01	55	54	-4	SW	3	r	*	63	47	*	*	0.20		
Berlin†		29.59	62	SW	2	c	29.81	53	55	-8	WNW	6	c	*	73	52	*	*	0.39		
Frankfurt†		29.91	58	NW	6	c	30.07	54	78	-7	SW	6	b	*	73	50	*	*	0.39		
Munich†		29.87	65	W	5	0	30.14	54	70	-10	W	7	b	*	73	50	*	*	0.53		
FRANCE.																					
C. Gris Nez		30.00	60	WSW	2	c	29.98	58	57	-1	WSW	4	0	4	68	54	*	*	0.08		
La Hève		30.09	60	W	5	bc	30.08	57	55	-2	SW	3	0	4	63	54	*	*	0.04		
Brest		30.23	63	NW	3	b	30.18	59	59	+2	WSW	3	c	2	64	57	*	*	*		
Lorient		?	63	W	5	b	*	60	59	+1	W	3	m	5	68	57	*	*	*		
Rochefort		?	66	WNW	4	b	30.21	65	59	-1	WNW	3	0	*	70	61	*	*	*		
Biarritz		30.30	64	NW	4	0	30.32	64	59	-2	WNW	4	0	3	68	63	*	*	0.12		
Paris		30.05	64	NW	3	b	30.13	65	53	-7	SSW	2	0	*	72	48	*	*	0.08		
Belfort...		29.95	64	WSW	6	0	30.22	62	52	-10	2	0	f	*	72	48	*	*	0.24		
Lyons		30.00	73	W	2	0	30.21	69	54	-4	N	1	b	*	79	53	*	*	0.04		
Nice		29.99	75	2	0	b	29.86	72	63	+5	2	0	b	0	83	63	*	*	*		
Perpignan		30.02	78	NW	6	c	30.16	67	58	-6	NW	6	b	*	83	67	*	*	*		
Sanguinaire		29.52	78	N	3	b	29.81	75	66	0	N	3	m	5	*	*	*	*	*		
SPANISH PENIN.																					
Corunna																					
Lisbon		30.16	66	N	5	b	30.12	76	64	+8	NNE	4	1	0	75	64	*	*	*		
Azores (P. Delgada)...																					
" Horta		30.27	73	NE	3	0	30.22	71	68	-1	NNW	1	0	1	78	71	*	*	*		



SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

7 A.M. YESTERDAY.

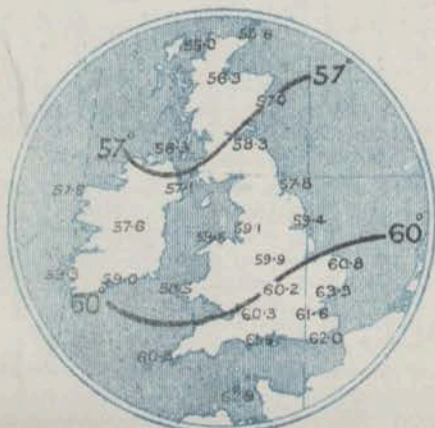


6 P.M. YESTERDAY



AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE TWO MONTHLY PERIOD  
JULY - AUGUST.

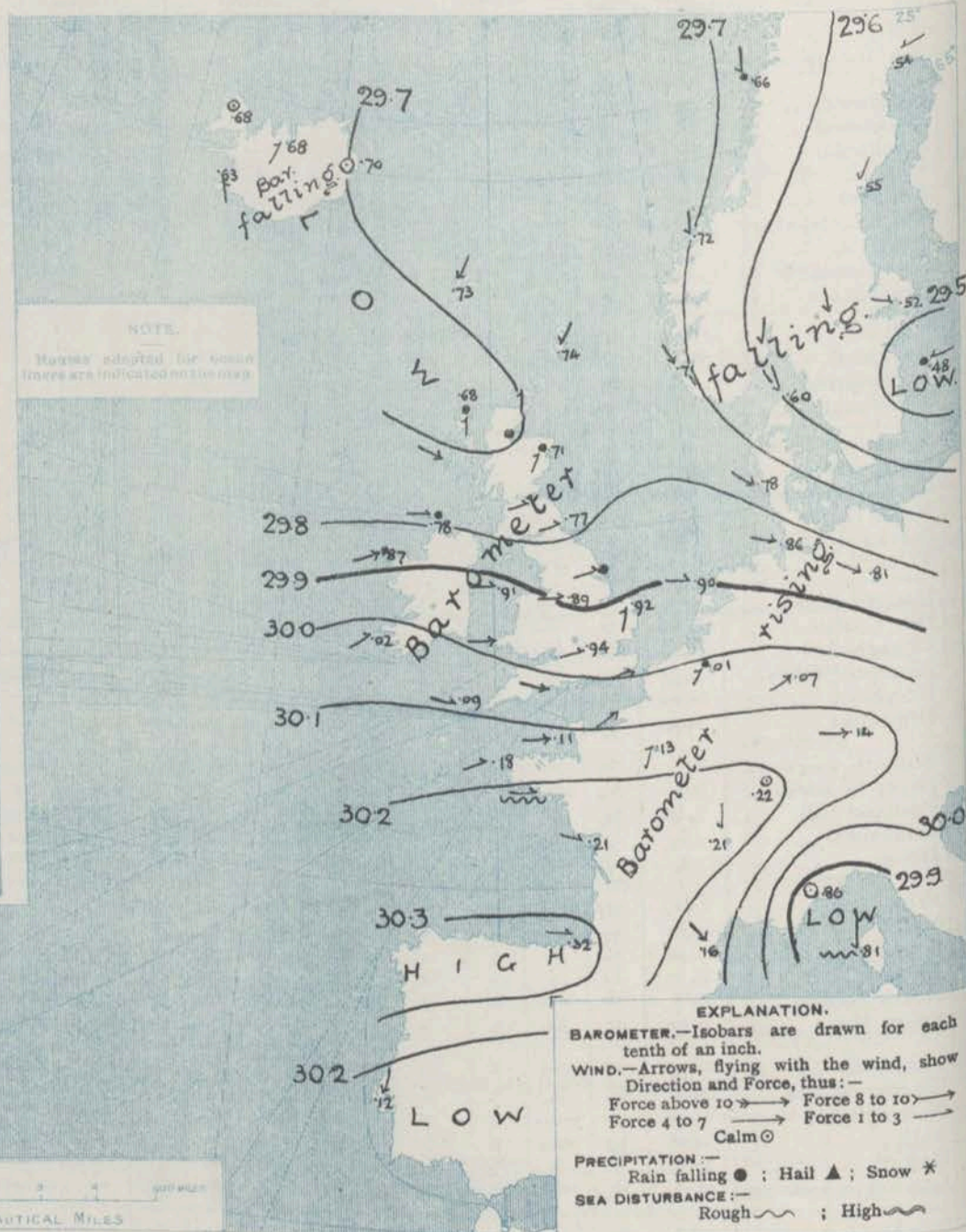
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Thursday.

WEATHER 29th July, 1909.

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

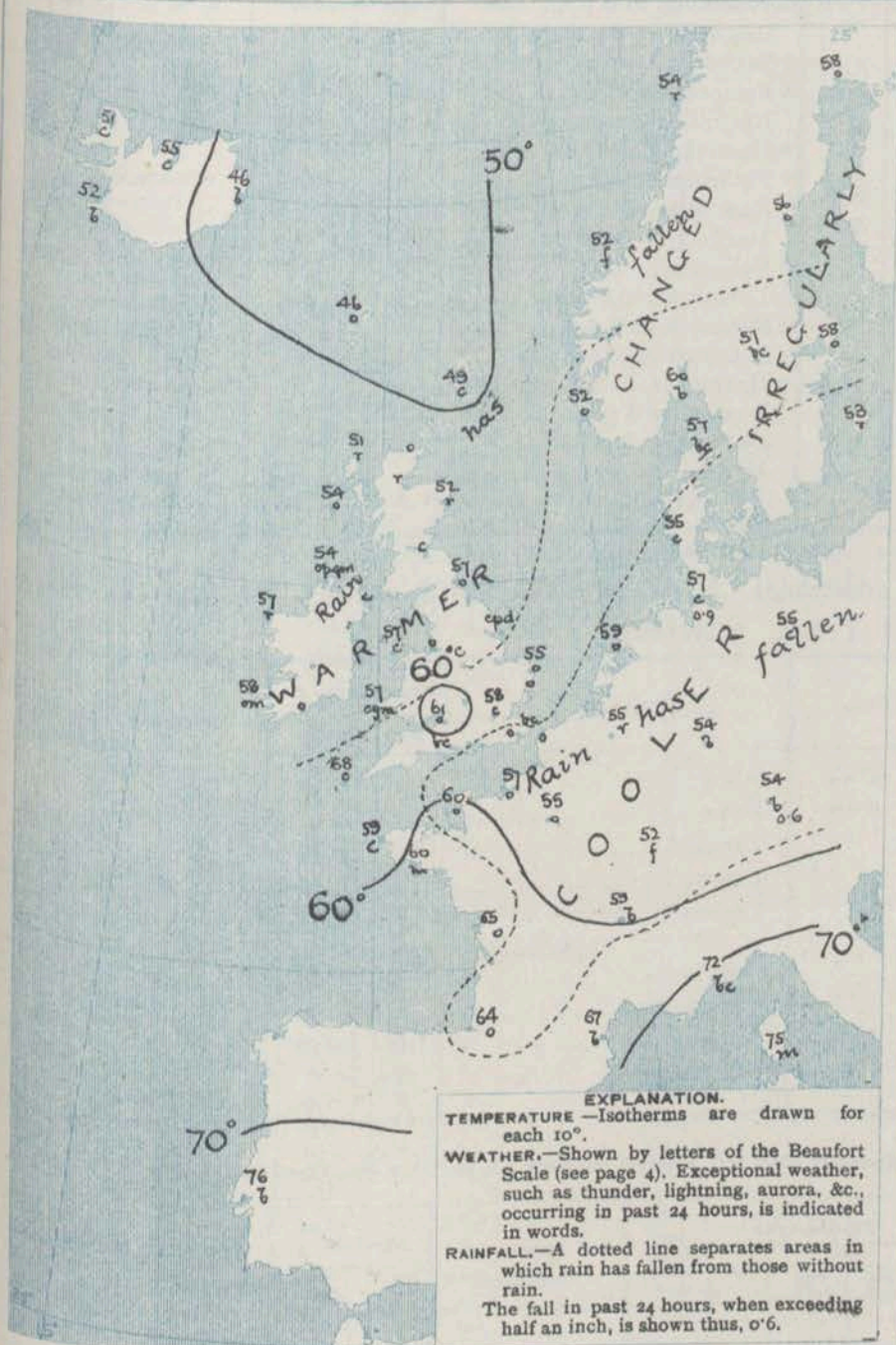
A large but shallow depression is causing a fall of the barometer over these Islands generally, but the centre of the system still remains off the north-west of this country. Pressure ranges from 30.2 ins. in the south-west of France to below 29.7 ins. in the north of Scotland, and over the Icelandic region and to less than 29.5 ins. over the upper part of the Baltic.

The wind is south-westerly to westerly over Ireland, England and most of France and Germany, and it blows very strongly at some German stations. In Scotland it is mainly southerly, and at Shetland north-easterly. Over Scandinavia and Denmark there is a light to fresh breeze between north-east and north-west. Temperature shows no material change except in Germany, where it is falling briskly. Over these Islands it ranges from about 58° in the south to a little above 50° in the north of Scotland, and to 49° at Lamlash Head. The sky is very cloudy or entirely overcast in nearly all parts of the United Kingdom, Scandinavia, the Netherlands and the major portion of France, with rain in various parts of Ireland, Scotland, as well as at Spurn Head and in some localities in Scandinavia. In the south of France and south Germany the weather is fair or fine.



CHARTS 29th July. 1909.

29th July. 1909.



## NOTES ON YESTERDAYS WEATHER

During yesterday the Thermometer rose to about  $70^{\circ}$  in the south of England, but remained below  $65^{\circ}$  in the west and north of the kingdom, and below  $60^{\circ}$  in Scotland. Rain, generally in very slight amounts, has fallen at the great majority of our stations, and heavier quantities in Germany and Sweden. The duration of bright sunshine varied a good deal, but in most parts of England many hours were recorded, more than 12 hours at some stations in the north-west, south-west, and at Glaston.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The United Kingdom will continue under the influence of depressions arriving from the Atlantic, and the general character of the weather will remain unsettled, with the wind between South and

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 {  
a } Wind between S. and W., of little  
b } force; much cloud, rain at times;  
low temperature.
- 1
- 2 {  
a } W.<sup>ly</sup> or S.W.<sup>ly</sup> winds, light or  
b } moderate; cloudy or overcast, some  
3 } rain in most places; temperature  
4 {  
a } remaining low for the time of  
b } year.
- 5
- 6 {  
a } Same as Nos. 0 & 1.  
b }
- 7 {  
a } Same as Nos. 2 to 5.  
b }
- 8 {  
a }  
b }
- 9 {  
a } Wind between S.W. and N.W., light  
b } generally; fresh at times; much  
10 {  
a } cloud, occasional rain; cool.  
b }

## II WESTERN CHANNEL AND BAY


W. and S.W. winds, light or moderate;  
sea slight; some showers and mist.


### FORECAST DISTRICTS.


Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—


Signals hoisted yesterday.

Signals hoisted  
this morning.

South Cone. 

North Cone. 

South Cone. 

North Cone. 





## DAILY WEATHER REPORT.

Thursday, 29th July, 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	64	49	b. bc. o	2.0	0.05	+ Werthing, to 6 p.m. ...	72	56	c. bc. c	10.7	0.0
Oban, to 6 p.m. ...	64	49	b. bc. o	6.5	-	Brighton, to 6 p.m. ...	72	57	"	9.5	0.0
Dublin (City), to 4 p.m. ...	61	45	o. bc. o	"	0.01	+ Seaford, to 6 p.m. ...	64	56	"	9.6	0.0
Rossall Beach, to 6 p.m. ...	60	52	bc. o	"	-	+ Eastbourne, to 6 p.m. ...	65	56	"	9.8	0.0
Blackpool, to 9 p.m. ...	61	52	bc. c. o	12.1	-	Bexhill-on-Sea, to 9 p.m. ...	69	59	"	8.0	0.0
Southport, to 9 p.m. ...	60	53	c. bc. o	12.2	-	+ Hastings ...	67	57	"	8.3	0.0
+ Rhyl, to 6 p.m. ...	62	54	o. r. c. bc. o	11.8	0.08	+ Folkestone, to 6 p.m. ...	67	57	r. o. c. bc. c	5.3	0.0
Colwyn Bay, to 6 p.m. ...	63	52	bc. b	9.5	0.05	Ramsgate, to 6 p.m. ...	65	52	"	6.0	0.0
Llandudno, to 9 p.m. ...	63	52	r. c. bc. o	11.3	0.31	Margate, to 6 p.m. ...	67	57	"	6.6	0.0
Bettws-y-Coed, to 6 p.m. ...	?	50	b. bc	9.3	"	+ Felixstowe, to 6 p.m. ...	61	54	nr. c. bc. c	9.0	0.0
Towyn, to 6 p.m. ...	61	49	"	9.5	0.06	+ Lowestoft, to 6 p.m. ...	61	55	r. c. bc. c	7.3	0.0
Aberystwyth, to 6 p.m. ...	60	54	"	9.0	-	+ Skagness, to 6 p.m. ...	64	53	bc	8.0	0.0
Plymouth, to 9 p.m. ...	68	55	"	12.3	0.14	Scarborough, to 9 p.m. ...	65	49	op. bc. c. b	10.1	0.0
Torquay, to 6 p.m. ...	68	56	bc. b	12.7	0.17	+ Harrogate, to 6 p.m. ...	60	49	or. c. bc.	12.3	0.0
+ Weymouth, to 6 p.m. ...	70	56	bc. b	11.7	0.12	Buxton, to 6 p.m. ...	63	48	ow. bc. o	12.1	0.0
+ Bournemouth, to 6 p.m. ...	70	57	"	9.5	0.20	Darwen, to 9 p.m. ...	65	52	"	11.1	0.0
Southsea, to 6 p.m. ...	70	57	"	9.5	0.20	Manchester, to 9 p.m. ...	70	60	r. b. c. o	11.6	0.0
						Birmingham, to 9 p.m. ...			"		
						+ Dognen, to 6 p.m. ...			"		

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		Weather	Rain.	STATIONS.	TEMPERATURE F.		Weather	Rain.
	Max.	Min.				Max.	Min.		
Flushing ... 28th July, 1909	68	54	r. r	Ins.	Malta ... 28th July, 1909	91	75	b	Ins.
Copenhagen ...	63	52	b. o	0.24	Berne ...	"	"	c. o	0.04
Vardö (North Cape) ...	50	48	r. o	"	Zurich ...	"	"	b. c	0.04
St. Petersburg ...	64	55	r. o	"	Geneva ...	"	"	bc. o	0.04
Vienna ...	75	55	bc. bc	"	Lugano ...	"	"	b. o	"
Buda-Pesth ...	82	64	b. b	"					
Hermanstadt ...	95	63	b. b	"					
Trieste ...	91	72	b. b	"	Coire ... 29th July, 1909. 1.30 p.m.	70	"	b	1.30 p.m.
Florence ...	91	64	b. b	"	Castasegna ...	77	"	b	"
Rome ...	91	67	b. b	"	Davos ...	61	"	b	0.63
Naples ...	91	70	b. b	"	St. Gothard ...	57	"	b	0.24

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.	
	Lat.	Long.		Dir.	Force.		Air.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force.
Minneapolis { 27th July 4 a.m.	43 N	20 W	28.83	NNE	2	-	"	"	"					Ins.		
" { " 7 a.m.	48 N	21 W	29.95	N	2	bc	"	"	"							
Kronland { 27th July 4 a.m.	48 N	18 W	29.66	NW	10-11	-	"	"	"							
" { " 7 a.m.	48 N	20 W	29.66	N	4-5	b	"	"	"							
Adriatic { 28th July 4 a.m.	49 N	11 W	30.06	NNW	4-5	-	"	"	"							
" { " 7 a.m.	49 N	9 W	30.07	WNW	4-5	b	"	"	"							
Saxonia { 28th July 3 p.m.	51 N	9 W	30.11	WSW	4-5	-	"	"	"							
" { " 6 p.m.	51 N	10 W	30.11	W	4-5	o	"	"	"							

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 8 a.m. local time.

(b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOLOGICAL OFFICE,  
68, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)

SCANDINAVIA.

ICELAND &amp; FAEROE.

BRITISH ISLANDS.

GERMANY, &amp;c.

FRANCE.

SPANISH PENIN.



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday  
30th July 1909.

WEATHER REPORT OF THE METEOROLOGICAL OFFICE.																				30th July, 1909.	
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.	Force	Weather.	Barometer.		Temperature.			Wind.		Sea	Temp.		Weather.	Sun.	Rainfall.		
							At 28° Fahr. and M.S.L. Lat. 45°	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force		Max.	Min.					
		Ins.	Dry Bulb.	Dir.	(0 to 12).		Ins.	Ins.	°	°	°	Dir.	(0 to 12).		°	°		Hours.	Ins.		
SCANDINAVIA.	Haparanda...	29.47	56	2	0	b	29.45	-0.02	58	57	0	2	0	6	66	54					
	Hernösand...	29.46	54	2	0	b	29.47	-0.02	55	53	-1	2	0	66	53						
	Stockholm...	29.46	54	W	2	o	29.44	-0.08	54	53	-4	NNW	2	66	52			0.16			
	Wisby...	29.44	54	N	4	r	29.45	-0.03	55	54	+2	W	4	57	50			0.55			
	Karlstad...	29.50	59	2	0	r	29.48	-0.02	54	53	+3	2	0	57	50			0.12			
	Färder (N'ania Fjord)	29.52	61	NNE	2	c	29.48	-1.10	53	55	-2	SSE	1	64	57						
	Bodö...	29.58	51	WSW	2	r	29.54	-1.12	54	51	0	WSW	2	55	50			0.04			
	Christiansund...	29.66	53	M	3	f	29.61	-1.11	51	47	-1	M	2	55	50						
	Skudesnaes...	29.61	53	NNW	4	b	29.52	-1.19	55	52	+3	N	2	55	50	c.b.					
ICELAND & FAEROE.	Isafjord...	29.64	57	E	4	c	29.80	+1.12	54	*	+3	2	0	66	54						
	Reykjavik...	29.63	55	N	3	c	29.76	+1.13	52	*	0	SSW	1	66	54						
	Seydisfjord...	29.71	53	ENE	5	o	29.77	+0.07	47	*	+1	E	3	66	54						
	Thorshavn...	29.71	51	ESE	4	o	29.71	-0.02	48	*	+2	2	0	66	54						
BRITISH ISLANDS.	Sumburgh Head	29.47	51	E	1	o	29.64	-1.10	50	48	+1	2	0	6	53	47	o.c.				
	Stornoway...	29.60	57	W	3	o	29.64	-0.04	54	53	+3	SW	2	6	59	51	o.c. edpm	0.8	0.09		
	Castlebay (Barra Id.)	29.65	54	S	2	o	29.65	-0.08	54	53	0	NNW	4	6	58	52	o.c. op. o	3.2	0.03		
	Malin Head...	29.65	56	NNW	3	o	29.69	-0.04	55	54	+1	NNW	4	opg	58	53	o.c. op. o		0.38		
	Blacksod Pt. ...	29.77	57	W	4	c	29.81	-0.06	57	56	0	WSW	3	c	59	57	o.c. op. o		0.13		
	Valencia...	29.90	60	SW	5	m	29.89	-1.13	59	58	+1	WSW	3	om	63	58	o.c. op. o	0.0	0.02		
	Roche's Point...	29.68	62	NNW	4	o	29.86	-1.17	60	58	+5	W	4	c	65	55	o.c. op. o		0.01		
	Birr Castle...	29.73	59	W	3	r	29.83	-1.10	57	55	0	WSW	2	c	60	52	o.c.	0.2	0.15		
	Donaghadee...	29.69	56	WSW	2	r	29.73	-1.13	55	54	-1	W	2	c	63	53	o.c. op. o		0.27		
	Liverpool Obsy...	29.72	58	SW	2	r	29.75	-1.12	56	53	0	WSW	4	o	62	54	o.c. op. o	1.3	0.34		
	Holyhead...	29.74	57	WSW	3	r	29.78	-1.13	55	54	-2	W	4	o	62	54	o.c. op. o		0.59		
	Pembroke (St. Ann's Hd.)	29.85	58	WSW	7	o	29.82	-1.15	58	57	+1	WSW	6	oqpm	60	56	o.c. op. o	1.9			
	Scilly (St. Mary's)	30.03	60	WSW	4	o	29.96	-1.13	59	56	+1	WSW	4	o	64	58	o.c.	10.2			
	Jersey (St. Aubina)	29.09	62	W	4	bc	30.03	-0.02	60	58	0	WSW	4	o	65	58	o.c. op. o	9.5	0.01		
	Portland Bill...	29.94	59	WSW	6	c	29.88	-1.14	59	58	0	WSW	5	o	62	58	o.c.	5.3			
	Dungeness...	29.92	61	SW	5	c	29.86	-1.10	61	60	+2	WSW	5	o	66	54	o.c.	3.5			
Dover...	*	*	*	*	*	29.87	-0.09	60	58	+3	W	3	o	67	57	o.c. op. o	3.4				
GERMANY, &c.	Wick...	29.63	54	2	0	o	29.64	-0.06	55	53	+3	N	1	c	58	50			0.03		
	Nairn...	29.62	56	E	1	r	29.65	-0.04	53	52	+2	2	0	o	63	47	o.c.	1.5	1.00		
	Aberdeen...	29.61	57	SW	1	o	29.65	-0.06	55	53	+3	NNW	1	bc	61	50	o.c. op. o	0.7	0.20		
	Leith...	29.64	58	NNW	2	o	29.65	-0.04	56	54	-1	SW	1	o	64	53	o.c. op. o				
	North Shields...	29.70	61	SW	3	r	29.66	-1.11	56	54	-1	W	2	c	67	49	o.c.	6.2	0.08		
	Spurn Head...	29.75	59	WSW	4	o	29.71	-1.11	57	53	0	W	5	c	64	55	o.c. op. o		0.11		
	Yarmouth...	29.83	64	WSW	3	b	29.78	-1.17	58	56	+3	W	3	bc	68	55	o.c.	2.9	0.03		
	Clacton-on-Sea...	29.86	65	WSW	3	o	29.82	-1.11	62	58	+4	WSW	4	bc	68	57	o.c. op. o	1.8			
	Nottingham...	29.81	60	WSW	3	o	29.78	-1.11	56	54	-1	WSW	2	r	68	52	o.c. op. o	3.9	0.13		
	Bath...	29.92	63	W	1	bc	29.86	-1.13	60	59	-1	SW	2	o	67	58		4.0	0.10		
FRANCE.	Oxford...	29.86	60	SW	5	o	29.84	-1.11	57	56	-3	WSW	1	od	67	56	o.c. op. o		0.03		
	London (St. James's Park)	29.90	64	NNW	4	o	29.85	-0.09	60	57	+2	WSW	3	o	68	58	o.c. op. o	2.5			
	The Scaw (Skagen)	29.57	53	W	4	b	29.50	-1.10	56	53	-1	W	2	bc	63	54					
	Faro...	29.67	55	WSW	2	c	29.57	-1.21	57	55	+2	NNW	4	c	59	54			0.12		
	Cuxhaven...	29.77	58	SW	3	o	29.62	-1.24	57	46	0	W	1	o	59	53			0.32		
	The Helder...	29.82	60	WSW	3	c	29.71	-1.19	58	56	-1	NNW	5	c	61	53			0.24		
	Brussels...	*	*	*	*	*	29.88	-1.13	59	57	+4	WSW	4	o	66	53			0.04		
	Berlin...	29.84	59	W	4	r	29.76	-0.08	59	53	+4	W	4	o	64	57					
	Frankfurt...	29.97	60	SW	6	o	29.92	-1.15	59	52	+5	SW	5	o	66	50					
	Munich...	30.02	62	SW	2	bc	30.05	-0.09	61	63	+7	SW	6	c	66	55					
SPANISH PENIN.	C. Gris Nez...	29.90	60	W	5	c	29.88	+1.10	59	58	+1	WSW	6	c	63	57					
	La Hève...	30.04	63	SW	5	bc	30.01	-0.07	59	57	+2	WSW	6	o	5	64	55				
	Brest...	30.16	63	NNW	2	b	30.10	-0.08	59	58	0	W	3	o	66	57					
	Lorient...	?	63	W	4	b	?	?	60	60	0	WSW	4	o	66	57					
	Rochefort...	30.13	65	WSW	3	f	30.15	-0.06	63	60	+2	WSW	3	o	70	59	o.f				
	Biarritz...	30.27	67	NNW	2	o	30.21	-1.11	63	60	-1	S	3	o	72	61					
	Paris...	30.05	66	W	2	b	30.04	-0.09	59	56	+4	SW	3	c	69	53					
Belfort...	30.11	61	WSW	4	o	30.14	-0.08	59	56	+7	WSW	5	o	69	53			0.04			
Lyons...	30.12	68	NNW	2	c	30.17	-0.04	62	60	+3	N	4	o	75	56						
Nice...	29.82	79	2	0	b	29.89	+0.03	74	70	+2	2	0	b	90	68						
Perpignan...	30.04	76	NNW	4	b	30.11	-0.05	70	62	+3	NNW	3	b	81	65						
Sanguinaire...	29.81	78	NNW	1	m	29.83	+0.02	73	66	0	S	4	m	*	*						
SPANISH PENIN.	Corunna...																				
	Lisbon...																				
	Azores (P. Delgada)...																				
" Horta...	30.30	71	SSW	2	bc	30.19	-1.23	68	64	-3	W	3	o	79	68						

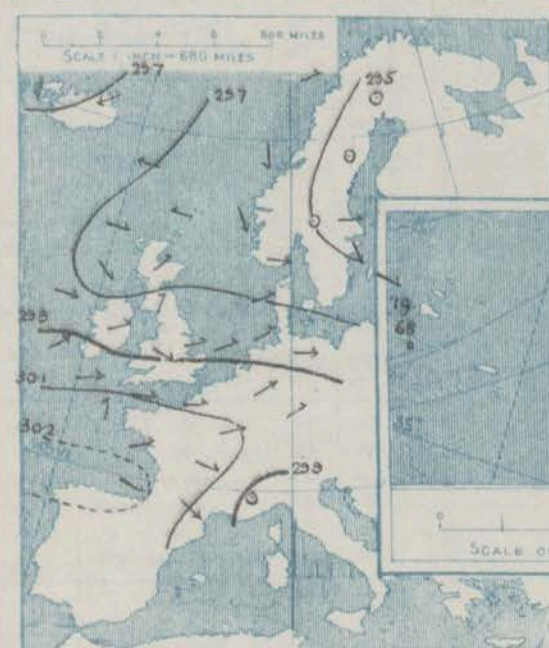


SUPPLEMENTARY CHARTS  
OF  
BAROMETER AND WIND  
FOR 7 A.M. AND 6 P.M. YESTERDAY

7 A.M. YESTERDAY.



6 P.M. YESTERDAY



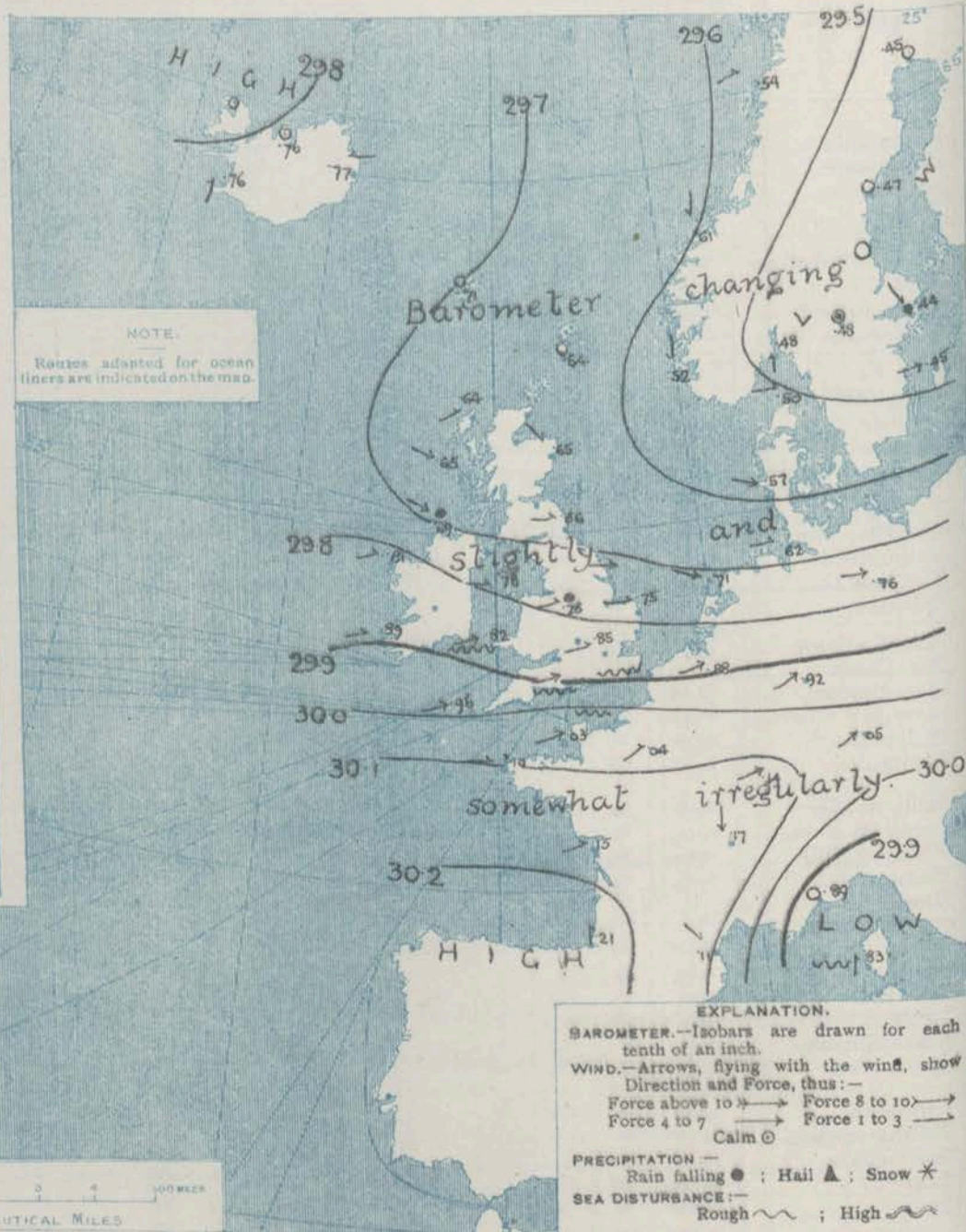
AVERAGES OF TEMPERATURE AT 8 A.M.  
FOR THE TWO MONTHLY PERIOD  
JULY - AUGUST.  
(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)



Friday,

WEATHER 30<sup>th</sup> July, 1909

1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A very large but shallow low pressure system has passed eastwards over the northern part of our area, and the barometer is 29.5 ins over the greater part of Scandinavia. To the south-eastward the readings increase, and in the south-west of France the figure is about 30.2 ins. A decrease of pressure is in progress in the Azores.

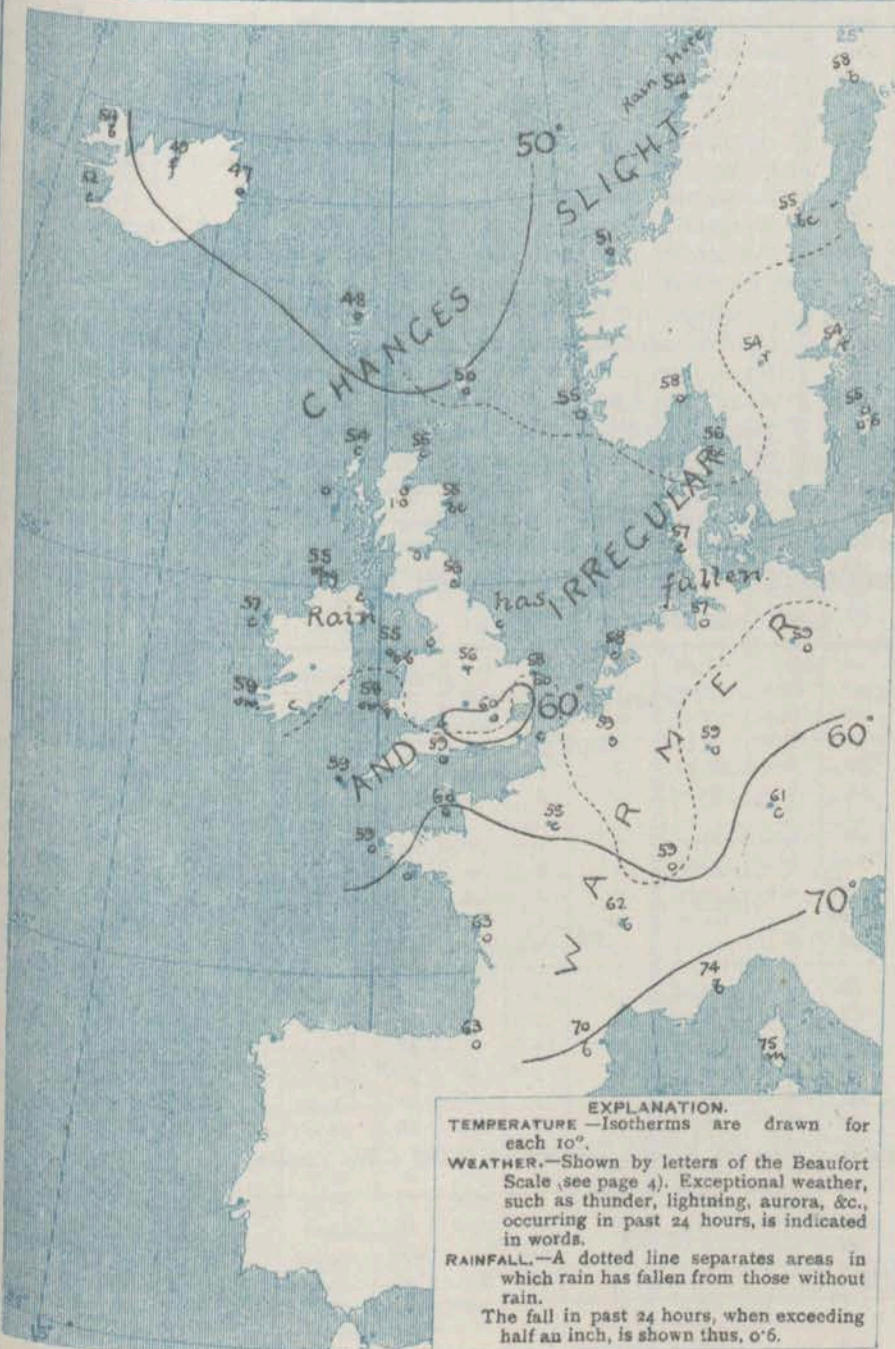
Over the Islands the wind is mainly Westerly. It has little force generally, but is fresh to strong on various parts of our southern and south-western coasts and in the English Channel. A light to fresh Westerly to South-Westerly current prevails over France and Germany, but over Scandinavia the wind is very light and somewhat variable. Temperature has risen somewhat in Germany and the east of France, but continues low for the time of year. Over the United Kingdom it ranges from about 60° in the south to 55° at Malm and to 50° at Lumburgh Head. The sky is clear in the south of France and the north of Sweden, but in almost all other parts of our area it is either very cloudy or quite overcast, with rain in the south of Sweden and some parts of central England, and showers at Malm Head.



# CHARTS

30<sup>th</sup> July 1909

## 2. TEMPERATURE AND WEATHER AT 7 A.M. TO DAY.



### NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometers rose to between 68° and 70° in several parts of England, but only touched 59° at Darwen. Rain has fallen in most parts of the Kingdom and in several regions on the Continent. At Naim the measurement is 1 inch. Very little bright sunshine was recorded except at some eastern stations and on the south-west coast of England.

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

The general distribution of barometric pressure over the United Kingdom and the surrounding regions is likely to continue favourable for the passage of depressions from the Atlantic, and no great change in the weather is therefore to be expected at present.

## FORECASTS

For the 24 hours commencing at NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

0 { a } Light or moderate winds between S.W. and N.W.; a good deal of cloud, some rain; temperature remaining low.  
 b }

2 { a } Wind light or moderate from S.W. or W.; generally cloudy or overcast, some rain; temperature remaining below the normal.  
 b }

3 { a }  
 b }

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

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

9 { a } Light or moderate winds between N.W. or W. and S.; much cloud generally, rain at times; continuing cool.  
 b }

### II. WESTERN CHANNEL AND BAY

Fresh to moderate W. winds; sea moderate to slight; some rain and mist; much cloud.

### FORECAST DISTRICTS.

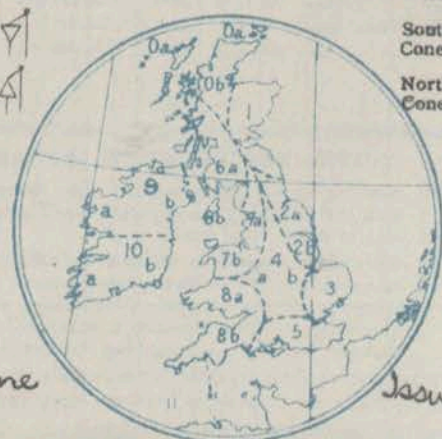
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.   
 North Cone.

South Cone.   
 North Cone.





## DAILY WEATHER REPORT.

Sunday, 30th July, 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 6 p.m. ...	57	50	bc, or	1.5	0.16	+ Worthing, to 6 p.m. ...	66	56	c	6.7	-
Oban, to 6 p.m. ...	57	50	bc, or	0.2	0.47	+ Brighton, to 6 p.m. ...	65	56	c	5.4	-
Dublin (City), to 4 p.m. ...	63	55	c, or, tg	-	0.04	+ Seaford, to 6 p.m. ...	63	55	c	4.6	0.02
Rossall Beach, to 6 p.m. ...	61	52	c, or	-	0.46	+ Eastbourne, to 6 p.m. ...	65	55	c	5.2	0.02
Blackpool, to 9 p.m. ...	63	52	c, or, o	1.0	0.40	Bexhill-on-Sea, to 9 p.m. ...	-	-	c	4.8	-
Southport, to 9 p.m. ...	60	52	or, c, o	1.0	0.43	+ Hastings ...	68	51	bc, r, c, bc	4.9	0.02
+ Rhyi, to 6 p.m. ...	64	54	b, c, or	1.8	0.07	+ Folkestone, to 6 p.m. ...	-	-	c, bc, o	3.0	-
Colwyn Bay, to 6 p.m. ...	64	55	p, r	2.0	0.08	+ Ramsgate, to 6 p.m. ...	68	53	c, bc, o	2.5	-
Llandudno, to 9 p.m. ...	63	55	bc, c, o	1.2	0.01	+ Margate, to 6 p.m. ...	67	55	c, bc, o	2.6	-
Bettws-y-Coed, to 6 p.m. ...	68	52	c, bc, o	0.5	-	+ Felixstowe, to 6 p.m. ...	67	52	c, bc, o	2.8	-
Towyn, to 6 p.m. ...	63	57	c, c, o	0.5	0.25	+ Lowestoft, to 6 p.m. ...	67	54	c, bc, o	5.5	-
Aberystwyth, to 6 p.m. ...	61	54	-	1.0	-	+ Skagness, to 6 p.m. ...	69	52	c, c, og	5.6	0.02
Plymouth, to 9 p.m. ...	70	56	p, bc, or	9.4	0.01	Scarborough, to 9 p.m. ...	67	50	bc, or, r	2.9	0.02
Torquay, to 6 p.m. ...	69	57	c, bc, c	7.6	0.01	+ Harrogate, to 6 p.m. ...	62	49	bc, cp, od	1.8	0.02
+ Weymouth, to 6 p.m. ...	68	58	c, bc, c	5.3	-	Buxton, to 6 p.m. ...	59	48	or, bc, or	0.5	0.02
+ Bournemouth, to 6 p.m. ...	69	56	c, bc, c	3.3	-	Darwen, to 9 p.m. ...	64	52	or, bc, or	0.8	0.02
Southsea, to 6 p.m. ...	68	60	-	5.0	-	Manchester, to 9 p.m. ...	65	51	c, bc, o	1.4	0.02
						Birmingham, to 9 p.m. ...	66	62	c, bc, o	5.3	0.02

+ At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		Weather.	Rain.	STATIONS.	TEMPERATURE F.		Weather.	Rain.
	Max.	Min.				Max.	Min.		
Flushing ... 29th July, 1909	61	55	bc, c	Ins.	Malta ... 29th July, 1909	not	received	-	Ins.
Copenhagen ...	61	52	r, c	0.12	Berne ...	-	-	c, c	0.32
Vardö (North Cape) ...	48	45	f, f	0.24	Zurich ...	-	-	r, b	0.43
St. Petersburg ...	63	55	c, bc	0.20	Geneva ...	-	-	c, b	0.20
Vienna ...	81	59	r, b	0.56	Lugano ...	-	-	b, b	0.12
Buda-Pesth ...	88	64	bc, bc	0.08	Coire ... 29th July, 1909	1.30 p.m.	1.30 p.m.	-	Measures taken
Hermanstadt ...	not	received	-	-	Castasegna ...	66	-	bc	-
Trieste ...	85	70	b, b	-	Davos ...	77	-	o	-
Florence ...	90	66	b, b	-	St. Gothard ...	43	-	o	-
Rome ...	91	66	b, b	-					
Naples ...	89	71	b, b	-					

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.	Ship, and Hour of Observation	Position.		Reading of Barometer.	Wind.	
	Lat.	Long.		Dir.	Force		Dry Bulb.	Wet Bulb.	Sea.			Lat.	Long.		Dir.	Force
Philadelphia { 27th July 3pm	47 N	28 W	29.81	WNW	6-7	-	-	-	-	-	Philadelphia { 28th July 3pm	50 N	28 W	29.73	SW	4-5
Philadelphia { 27th July 4pm	47 N	28 W	29.84	WNW	4-5	o	-	-	-	-	Philadelphia { 28th July 4pm	50 N	28 W	29.75	SW	4-5
Mimawaska { 27th July 3pm	48 N	24 W	30.11	WSW	4-5	-	-	-	-	-	Mimawaska { 28th July 3pm	50 N	20 W	29.68	WNW	4-5
Mimawaska { 27th July 4pm	48 N	25 W	30.12	WNW	4-5	o	-	-	-	-	Mimawaska { 28th July 4pm	50 N	19 W	29.69	WNW	4-5
Kronland { 27th July 3pm	48 N	23 W	29.93	WSW	4-5	-	-	-	-	-	Kronland { 28th July 3pm	50 N	15 W	29.68	W	4-5
Kronland { 27th July 4pm	48 N	24 W	29.95	WNW	4-5	6	-	-	-	-	Kronland { 28th July 4pm	50 N	13 W	29.68	WNW	4-5
Mount Royal { 27th July 3pm	46 N	20 W	30.28	WSW	4-5	-	-	-	-	-	Mount Royal { 28th July 3pm	51 N	10 W	29.94	WSW	4-5
Mount Royal { 27th July 4pm	46 N	20 W	30.08	WSW	4-5	o	-	-	-	-						
Mount Royal { 27th July 5pm	47 N	26 W	30.31	WSW	4-5	-	-	-	-	-						
Mount Royal { 27th July 6pm	47 N	28 W	30.33	WSW	4-5	o	-	-	-	-						

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1.—

(a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m., local time, Azores 6 a.m., local time.

(b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report and for transmission of Forecasts by telegraph may be obtained on application.

METEOROLOGICAL OFFICE,  
63, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)

SCANDINAVIA

ICELAND &amp; FAEROE

BRITISH ISLANDS

GERMANY, &amp;c.

FRANCE

SPANISH



# DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday  
31st July 1909.

20th July, 1909.

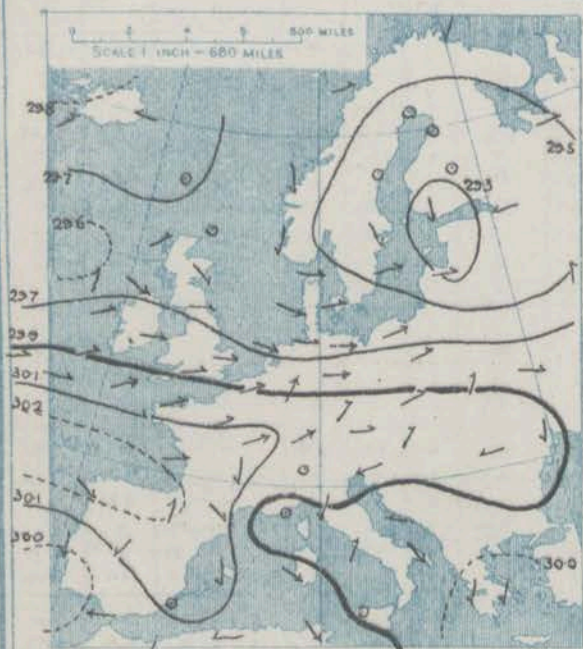
STATIONS.	YESTERDAY EVENING.						THIS MORNING.										PAST 24 HOURS.				
	Barom.	Temp.	Wind.		Force (0 to 12).	Weather.	Barometer.	Change since Yesterday.	Temperature.		Wind.		Force (0 to 12).	Weather.	Sea (0 to 9).	Temp.		Weather.	Sun. shine.	Rainfall.	
			Dry Bulb.	Dir.					Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.				Force (0 to 12).	Max.				Min.
	At 9 <sup>h</sup> Fahr. and M.S.L. Lat. 45°						At 8 <sup>h</sup> Fahr. and M.S.L. Lat. 45°	Ins.													
	Ins.						Ins.	Ins.											Hours.	Ins.	
SCANDINAVIA.	Haparanda...	29.43	61	N	2	c	29.48	+0.03	61	56	+3	N	4	b	*	73	54	*	*	*	
	Hernösand...	29.44	57	2	0	o	29.46	-0.01	55	54	0	2	o	r	*	64	46	*	*	0.05	
	Stockholm...	29.44	54	NW	2	o	29.46	+0.02	55	54	+1	NW	4	o	*	64	52	*	*	0.05	
	Wisby...	29.43	57	W	2	bc	29.47	+0.02	57	56	+2	NW	4	r	*	61	50	*	*	*	
	Karlstad...	29.48	56	2	0	c	29.57	+0.09	56	53	+2	WNW	2	c	*	*	*	*	*	0.02	
	Færder (X'lantia Fjord)	29.50	59	SW	1	c	29.61	+0.13	59	53	+1	N	4	b	2	59	57	*	*	*	
	Bodö...	29.57	54	WSW	2	c	29.67	+0.13	54	51	0	W	2	o	1	55	50	*	*	*	
ICELAND & FAEROE.	Christiansund...	29.65	50	2	0	o	29.72	+0.11	50	48	-1	WSW	2	f	1	54	48	*	*	*	
	Skudesnaes...	29.60	55	NNW	6	o	29.75	+0.23	53	48	-2	N	2	o	2	54	50	*	*	*	
	Isafjord...													*	*	*	*	*	*		
BRITISH ISLANDS.	Reykjavik...	29.81	54	2	0	r	29.87	+0.11	52	*	0	2	o	b	*	*	*	*	*	*	
	Seydisfjord...	29.81	60	ESE	6	bc	29.88	+0.11	48	*	+1	WSW	1	o	*	*	*	*	*	*	
	Thorshavn...	29.80	54	2	0	o	29.88	+0.17	50	*	+2	2	o	o	*	*	*	*	*	*	
	Sumburgh Head	29.74	51	NE	1	r	29.86	+0.22	51	48	+1	2	o	o	55	48	o. r. o	*	*	0.21	
	Stornoway...	29.77	56	5	2	cp	29.86	+0.22	55	53	-1	NNE	2	o	2	60	51	cp. 3. cp. o	2.8	0.04	
	Castlebay (Barra Id.)	29.79	58	W	2	bc	29.85	+0.20	54	54	0	N	2	o	2	59	53	cp. bc. cp. o	9.3	*	
	Malin Head...	29.81	57	WNW	2	c	29.81	+0.12	55	54	0	NE	1	cpm	1	61	50	cp. cm. bc	*	*	
	Blacksod Pt. ...	29.86	59	SW	2	r	29.83	+0.02	56	55	-1	NE	4	bc	4	60	54	c. cm. or	*	0.71	
	Valencia...	29.94	61	SW	2	m	29.88	-0.01	58	57	-1	WSW	8	od	5	63	57	g. m. bc. m	0.0	0.02	
	Roche's Point...	29.94	59	SW	2	cp	29.84	-0.02	60	58	0	W	4	c	4	64	57	c. o. cp. cp	*	0.01	
	Birr Castle...	29.90	61	SW	2	r	29.77	-0.06	60	59	-3	WSW	3	or	*	66	56	c. r. o	3.5	0.22	
	Donaghadee...	29.85	56	ESE	1	cp	29.80	+0.07	54	53	-1	ESE	1	r	1	63	53	cp. c. or	*	0.24	
	Liverpool Obsy...	29.86	61	W	3	o	29.76	+0.01	58	58	+2	SSW	2	o	2	63	55	o. c. o	6.1	0.31	
	Holyhead...	29.89	61	WSW	3	c	29.79	+0.01	58	58	+3	SW	5	o	4	65	54	bc. c	*	0.19	
	Pembroke (St. Ann's Rd.)	29.94	58	W	3	c	29.88	+0.06	59	59	+1	SW	6	cpm	6	60	56	cpm. cm. cm	0.3	*	
	Scilly (St. Mary's)	30.01	60	WSW	4	f	30.02	+0.06	60	58	+1	SW	4	c	2	64	59	c. f	0.5	0.02	
	Jersey (St. Aubins)	30.07	61	W	5	o	30.13	+0.10	60	59	0	WSW	4	o	3	64	59	cpm. of r. o	0.1	0.04	
	Portland Bill...	29.95	60	SW	5	o	29.99	+0.11	59	58	0	SW	5	c	4	60	57	o. f	0.2	*	
	Dungeness...	29.89	63	WSW	3	o	30.00	+0.13	62	61	+1	SW	4	bc	4	64	59	c. bc	0.9	0.02	
	Dover...	*	*	*	*	*	30.00	+0.13	63	60	+3	SW	3	bc	4	63	56	o. cp. c. bc	1.5	0.10	
	Wick...	29.74	55	2	0	c	29.91	+0.27	53	51	-2	2	o	o	1	60	46	*	*	*	
	Nairn...	29.75	57	E	1	c	29.84	+0.19	53	52	0	2	o	o	1	63	49	o. bc. c. o	3.4	0.07	
	Aberdeen...	29.76	58	2	0	bc	29.87	+0.22	55	53	0	E	1	o	2	63	53	bc. cp. bc. o	4.4	0.09	
	Leith...	29.75	64	W	1	c	29.83	+0.18	54	52	-2	SW	1	b	*	66	52	o. bc. c	*	*	
North Shields	29.76	58	W	2	cp	29.84	+0.18	56	54	0	2	o	m	2	67	52	r. t. cp	3.7	0.60		
Spurn Head...	29.80	58	WNW	3	c	29.86	+0.15	56	56	-1	SSW	3	r	3	63	56	bc. clp. c. or	*	0.31		
Yarmouth...	29.80	63	W	2	bc	29.92	+0.17	56	54	-2	WSW	2	o	3	64	52	or. c. bc	5.6	0.25		
Clacton-on-Sea...	29.86	65	WSW	3	bc	29.95	+0.13	60	59	-2	SW	4	o	3	65	54	bc. or. c	4.1	0.34		
Nottingham...	29.86	63	WNW	4	c	29.84	+0.06	62	60	+6	W	4	o	*	66	55	r. o. c	4.6	0.20		
Bath...	29.96	62	W	1	o	29.96	+0.10	66	60	+6	SW	4	o	*	67	59	*	1.6	0.02		
Oxford...	29.94	61	WNW	2	bc	29.94	+0.10	63	60	+6	SW	2	o	*	68	56	od. or. bc. m	*	0.20		
London (St. James' Park)	29.89	66	WNW	4	c	29.95	+0.10	62	59	+2	WSW	3	bc	*	69	58	o. od. or. bc. e	4.5	0.26		
GERMANY, & C.	The Scaw (Skagen)	29.52	56	2	0	b	29.61	+0.11	59	57	+3	WSW	2	b	o	66	54	*	*	*	
	Fanø...	29.67	54	NW	6	c	29.78	+0.21	57	53	0	NW	6	c	*	63	52	*	*	*	
	Cuxhaven...	29.68	59	W	3	o	29.86	+0.24	58	78	+1	WNW	4	c	*	61	54	*	*	0.08	
	The Helder...	29.81	59	W	4	o	29.95	+0.24	59	57	+1	W	2	c	*	59	57	*	*	0.04	
	Brussels...	*	*	*	*	*	30.03	+0.15	60	59	+1	WSW	3	o	*	65	54	*	*	0.04	
	Berlin...	29.69	58	W	4	r	29.85	+0.09	57	93	-2	WNW	4	o	*	70	53	*	*	0.28	
	Frankfurt...	29.88	63	SW	6	o	30.04	+0.12	60	77	+1	SW	3	bc	*	66	55	*	*	0.04	
Munich...	29.96	64	SW	3	c	30.09	+0.14	58	90	-3	NW	4	r	*	70	57	*	*	*		
FRANCE.	C. Gris Nez...	29.92	59	W	4	o	30.01	+0.13	59	59	0	WSW	3	f	3	63	57	*	*	*	
	La Hève...	30.05	59	WSW	7	o	30.10	+0.09	60	59	+1	SW	4	o	4	63	57	*	*	*	
	Brest...	30.44	61	WSW	3	o	30.18	+0.08	59	59	0	WNW	2	f	2	64	57	*	*	*	
	Lorient...	?	62	W	4	o	?	?	60	60	0	W	3	m	2	66	59	*	*	*	
	Rocheport...	30.17	67	NW	3	b	30.21	+0.06	65	62	+2	NW	2	o	*	93	54	*	*	*	
	Biarritz...	30.20	69	NNW	2	b	30.22	+0.01	66	63	+3	E	3	b	1	73	63	*	*	*	
SPANISH PENIN.	Paris...	30.02	67	WSW	3	o	30.13	+0.09	61	59	+2	SSW	2	o	*	69	56	*	*	*	
	Belfort...	30.05	67	WSW	6	c	30.19	+0.05	58	58	-1	WSW	2	f	*	72	58	*	*	*	
	Lyons...	30.05	78	N	1	b	30.19	+0.02	64	60	+2	NNW	7	bc	*	81	59	*	*	*	
	Nice...	29.91	78	2	0	b	29.96	+0.07	75	69	+1	2	o	b	1	88	68	*	*	*	
	Perpignan...	30.03	82	WNW	3	b	30.13	+0.02	73	63	+3	NW	3	b	*	89	57	*	*	*	
	Sanguinaire...	29.83	73	SW	2	m	29.83	0.00	72	66	-3	S	3	m	4	*	*	*	*	*	
Corunna...																					
Lisbon...	29.94	52	N	3	b	29.95	-0.03	78	66	-4	SW	1	b	*	93	70	*	*	*		
Azores (P. Delgada)	30.15	69	E	1	o	30.12	-0.07	73	66	+4	2	o	b	2	77	66	*	*	*		
" Horta...	30.15	69	SSW	2	c	30.13	-0.06	70	66	+2	2	o	o	0	77	68	*	*	*		



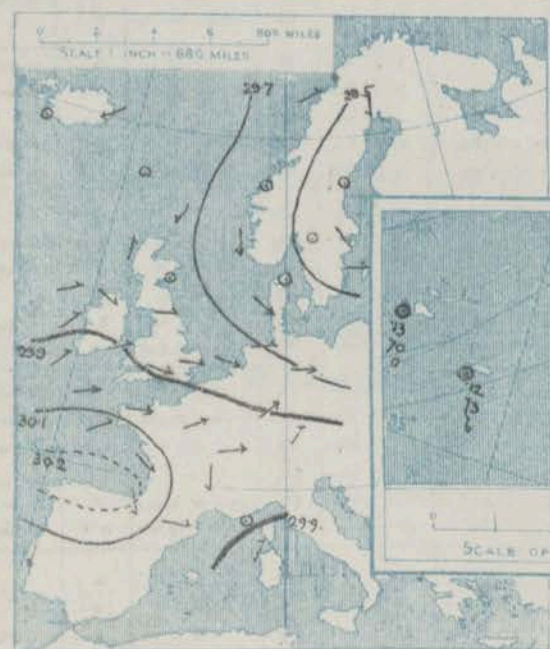
# SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

FOR 7 A.M. AND 6 P.M. YESTERDAY

7 A.M. YESTERDAY.

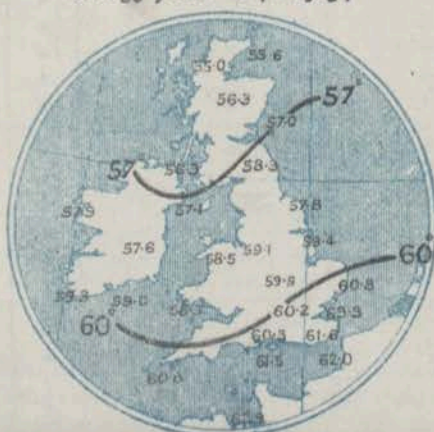


6 P.M. YESTERDAY.



## AVERAGES OF TEMPERATURE AT 8 A.M. FOR THE TWO MONTHLY PERIOD JULY - AUGUST.

(Derived chiefly from Observations extending over  
the 35 years—1871-1905.)

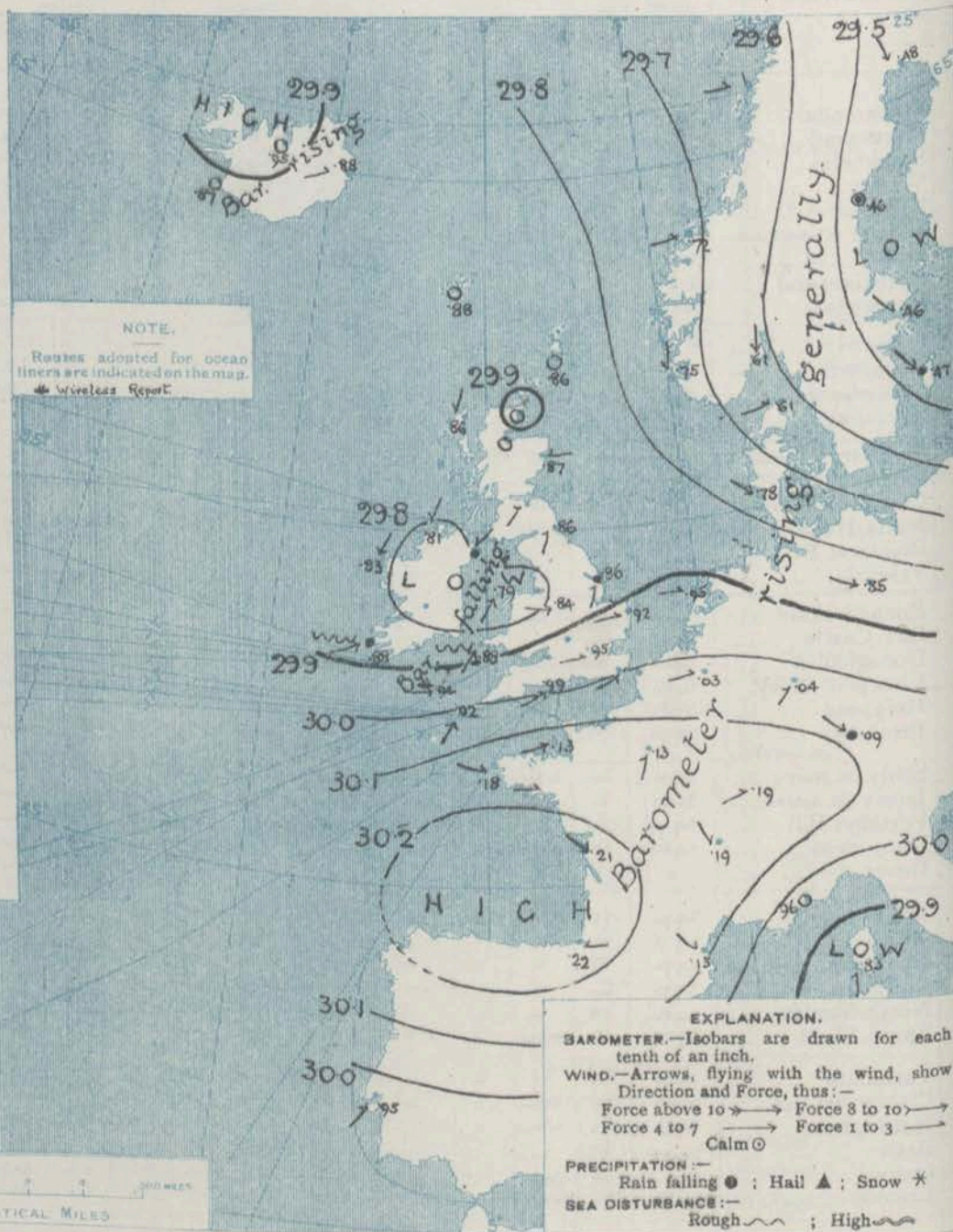


# WEATHER

Saturday,

31st July, 1909.

## 1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



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

Barometrical pressure remains highest in a large anticyclone which extends over France and Spain from the southern portions of the Atlantic, and lowest over the Gulf of Bothnia and the northern part of the Baltic. A shallow secondary depression has appeared over Ireland and the Irish Sea, and at most of our western stations the barometer is falling slightly.

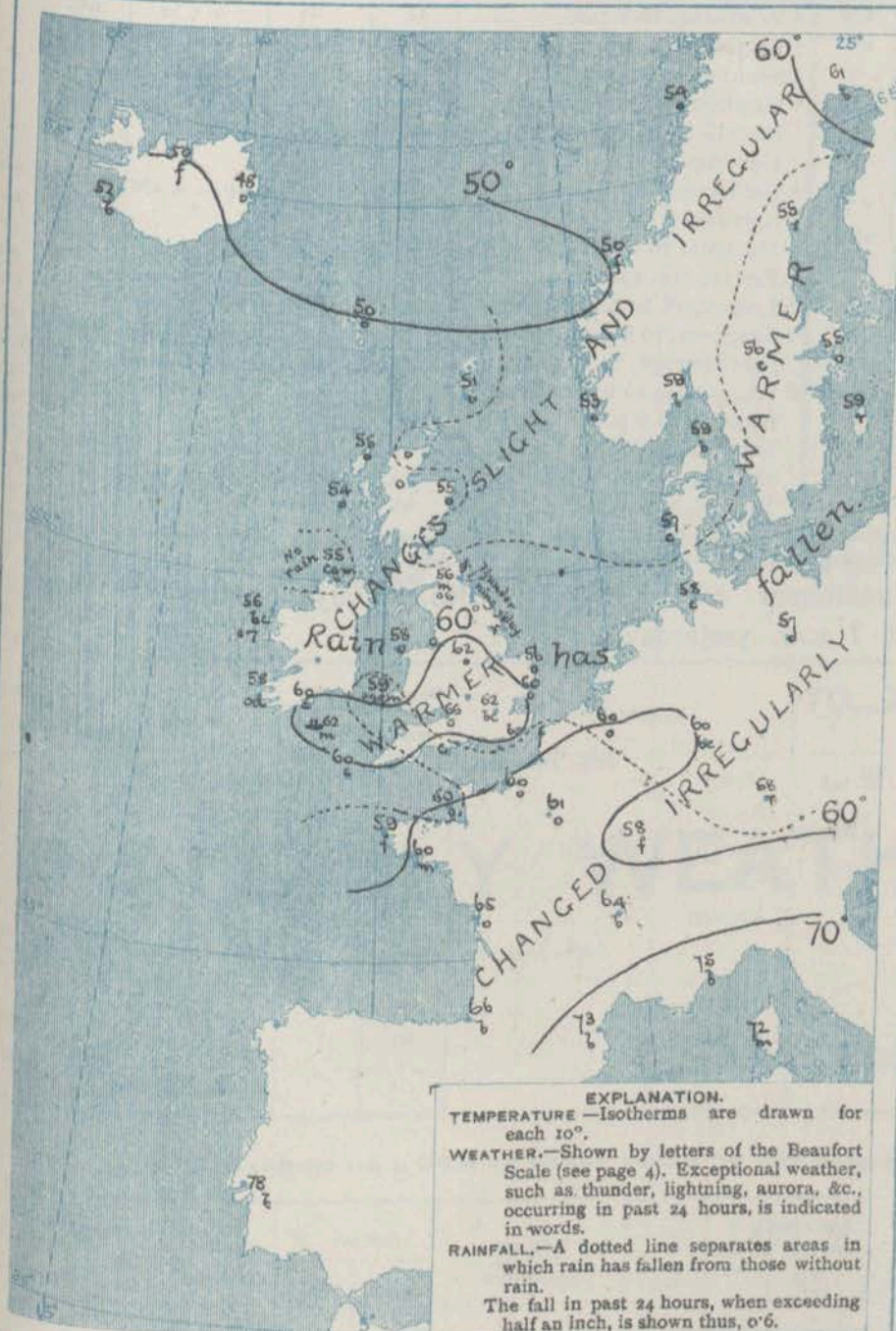
The wind is moderate to fresh from the South-Westward over England and the south of Ireland, but is light from North-East on our extreme north-west coasts and calm in the north of Scotland. Over the western parts of the Continent light to moderate westerly or north-westerly breezes are reported. Temperature is above the average over central and southern England, the readings being above 60° in many places, and as high as 66° at Bath; in Scotland and the north of Ireland the readings are mostly below 55°. The Continental values range from 75° at Nice, and 73° at Perpignan to 53° at St. Petersburg and 50° at Christiania. The weather is fine in the south-east of England, but cloudy at dusk over Western Europe as a whole. Rain is falling at several of the Irish stations, and also at Spurn Head. The sea is moderate or slight generally, but rough at Pembroke, and rather rough at Valencia.



# CHARTS

31st July, 1909.

## 2. TEMPERATURE AND WEATHER AT 7 A.M. TO DAY.



### NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to 65° and upwards in many parts of Great Britain, and to 60° in London. The amount of bright sunshine was generally rather small, but more than seven hours were recorded at some of the northern stations in England and Wales, and more than nine hours at Castlebay. Rain was again experienced in most parts of the country, and was heavy in the north-east of England; thunder and lightning occurred at a few of the English stations.

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

The shallow depression over Ireland will probably advance eastwards and occasion rain or passing showers over nearly the whole of England. The indications point to a continuance of changeable weather during the next two days, with a temperature below the normal.

**NOTICE.** The Daily Weather Report for Monday next will be published, with Rose for Sunday and Tuesday, on Tuesday, August 3rd.

## FORECASTS

For the 24 hours commencing at  
NOON TO-DAY.

For the positions of the DISTRICTS indicated by the numbers 0-11—see map at foot.

- 0 } Variable or light E. winds; cloudy  
generally, with some rain.
- 1 } Remaining cool.
- 2 } Variable breezes, finally N.W.;  
cloudy, unsettled, some rain, thunder  
locally. Remaining cool.
- 3 } S.W. to W. winds, moderate or  
fresh; cloudy, some showers, thunder  
locally. Remaining cool.
- 4 } S.W. to W. winds, strong on coast;  
cloudy, some showers, thunder locally.  
Remaining cool.
- 5 } Light breezes, chiefly N.W.; cloudy  
generally, some showers. Remaining  
cool.
- 6 } Variable breezes, finally N.W.;  
some rain at first, improving temporarily  
later. Cool.
- 7 } Same as No. 5.
- 8 } N.W. and N.E. winds, moderate;  
changeable, some showers. Remaining  
cool.
- 9 } W. to N.W. winds, moderate; changeable;  
some showers. Remaining cool.
- 10 }

### II WESTERN CHANNEL AND BAY.

Fresh S.W. to W. winds mouth Channel and northern part Bay, with some showers, and a rather rough sea. Light N.W. winds further south, with fair weather and a slight sea.

### FORECAST DISTRICTS.

Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

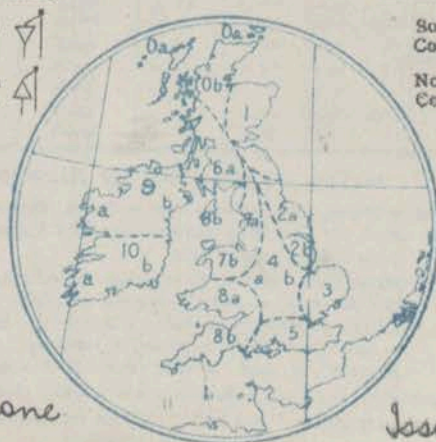
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



None

Issued.



## DAILY WEATHER REPORT.

Saturday, 31st July, 1909.

## TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Stonehaven, to 8 p.m. ...	59	51	o. bc. c. p.	3.8	0.31	+ Worthing, to 6 p.m. ...	66	59	o. c. bc	4.2	-
+ Oban, to 6 p.m. ...	59	51	o. bc. c. p.	2.1	0.21	+ Brighton, to 6 p.m. ...	65	60	"	1.7	-
Dublin (City), to 4 p.m. ...	67	53	r. bc. p. c.	"	0.23	+ Seaford, to 6 p.m. ...	62	59	c. bc	3.4	-
Rossall Beach, to 6 p.m. ...	61	55	cp. b. o.	"	0.04	+ Eastbourne, to 6 p.m. ...	65	55	"	0.9	-
Blackpool, to 9 p.m. ...	62	55	o. c. o.	5.5	0.02	Bexhill-on-Sea, to 9 p.m. ...	65	60	c. b	0.2	-
Southport, to 9 p.m. ...	"	"	"	"	"	Hastings ...	"	"	"	0.1	0.01
+ Rhyi, to 6 p.m. ...	64	56	r. c. b. o.	6.5	0.71	+ Folkestone, to 6 p.m. ...	64	57	cp. c. or. c. bc	0.5	0.01
+ Colwyn Bay, to 6 p.m. ...	67	55	"	6.0	0.54	+ Ramsgate, to 6 p.m. ...	"	"	"	3.4	0.01
Llandudno, to 9 p.m. ...	68	54	cp. c. or. c.	6.4	0.64	+ Margate, to 6 p.m. ...	65	57	"	2.0	0.01
Bettws-y-Coed, to 6 p.m. ...	"	"	"	"	"	+ Felixstowe, to 6 p.m. ...	64	55	"	6.2	0.01
Towyn, to 6 p.m. ...	65	54	r. c. b. c.	7.7	0.30	+ Lowestoft, to 6 p.m. ...	65	56	o. c. or. c.	6.4	0.01
Aberystwyth, to 6 p.m. ...	62	54	"	7.5	0.16	+ Skegness, to 6 p.m. ...	65	55	r. bc. c.	4.3	0.01
Plymouth, to 9 p.m. ...	68	51	"	0.0	0.02	Scarborough, to 9 p.m. ...	67	52	c. r. c. o.	2.9	0.01
Torquay, to 6 p.m. ...	66	59	"	0.3	-	+ Hargreave, to 6 p.m. ...	64	52	r. o. bc. b.	7.4	0.01
+ Weymouth, to 6 p.m. ...	65	58	"	0.2	-	Buxton, to 6 p.m. ...	61	50	"	4.6	0.01
+ Bournemouth, to 6 p.m. ...	68	58	o. c. bc. b.	1.2	-	Darwen, to 9 p.m. ...	62	52	orm. bcp. og	2.5	0.01
Southsea, to 6 p.m. ...	67	59	"	2.3	-	Manchester, to 9 p.m. ...	64	55	cp. o. bc. o.	4.2	0.01
						Birmingham, to 9 p.m. ...	65	53	r. c. o.	3.6	0.01

† At this station the amount of Bright Sunshine is for the whole day, ending with sunset.

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

STATIONS.	TEMPERATURE F.		Weather.	Rain. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Rain. Ins.
	Max.	Min.				Max.	Min.		
Flushing ... 30th July, 1909	63	57	o. o	Ins. 0.43	Malta ... 30th July, 1909	86	70	b	-
Copenhagen ...	61	54	o. m	-	Berne ...	"	"	c. o	-
Vardö (North Cape) ...	48	45	r. f	-	Zurich ...	"	"	c. c	-
St. Petersburg ...	66	54	bc. r	0.04	Geneva ...	"	"	b. b	-
Vienna ...	68	55	c. c	-	Lugano ...	"	"	b. b	-
Buda-Pesth ...	75	55	b. b	-	Coire ... 29th July, 1909	68	"	b	Measured 7.00 a.m. 0.24
Hermanstadt ...	86	50	b. b	-	Castasegna ...	79	"	b	-
Trieste ...	90	66	b. b	-	Davos ...	57	"	b	0.26
Florence ...	89	66	b. b	-	St. Gothard ...	"	"	"	0.55
Rome ...	89	70	b. b	-					
Naples ...	86	70	b. b	-					

## WIRELESS TELEGRAMS.—Received during the 24 hours ended at 9.30 a.m. to-day.

Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turbance.	Ship, and Hour of Observation.	Position.		Reading of Barometer.	Wind.	
	Lat.	Long.		Dirce.	Force.		Air.	Wet Bulb.	Ses.			Lat.	Long.		Dirce.	Force.
H.M.S. - 30th July 8 a.m.	50 N	75 W	29.94	W	S	m	62	61	58	4	Vanderland { 29th July 3 p.m.	46 N	32 W	30.16	SSW	6-7
	55 N	34 W	29.51	WSW	4-5	-	"	"	"	"		46 N	31 W	30.11	SSW	6-7
	56 N	32 W	29.51	W	4-5	o	"	"	"	"		47 N	29 W	29.97	SSW	6-7
	56 N	26 W	29.54	W	4-5	-	"	"	"	"		47 N	27 W	29.96	SSW	6-7
Laurentic { 29th July 3 p.m.	55 N	34 W	29.51	WSW	4-5	-	"	"	"	"	Tenbyne { 30th July 4 a.m.	50 N	15 W	29.96	WSW	4-5
	56 N	32 W	29.51	W	4-5	o	"	"	"	"		50 N	16 W	29.96	WSW	4-5
	56 N	25 W	29.52	W	4-5	c	"	"	"	"		46 N	32 W	30.26	W	4-5
	56 N	21 W	29.54	W	4-5	-	"	"	"	"		46 N	31 W	30.28	SW	1-3
	56 N	20 W	29.54	W	4-5	bc	"	"	"	"		47 N	27 W	30.17	WSW	4-5
	56 N	14 W	29.56	W	4-5	-	"	"	"	"		47 N	25 W	30.17	WSW	4-5
	56 N	12 W	29.60	S	1-3	y	"	"	"	"		48 N	21 W	30.11	WSW	4-5
	48 N	23 W	30.28	WSW	1-3	-	"	"	"	"		48 N	19 W	30.10	WSW	4-5
	48 N	23 W	30.25	WSW	4-5	o	"	"	"	"		48 N	16 W	30.05	WSW	4-5
	48 N	20 W	30.25	WSW	6-7	b	"	"	"	"		48 N	15 W	30.06	SW	4-5
	48 N	19 W	30.25	WSW	6-7	b	"	"	"	"		55 N	9 W	29.79	WSW	4-5
	48 N	17 W	30.20	W	6-7	-	"	"	"	"		55 N	10 W	29.79	WSW	4-5
	48 N	16 W	30.16	W	4-5	b	"	"	"	"		50 N	10 W	29.95	W	6-7
	48 N	13 W	30.08	W	4-5	-	"	"	"	"		50 N	11 W	29.96	W	6-7
	48 N	12 W	30.06	W	4-5	o	"	"	"	"						

## NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., Western European time, (French Stations 6.51 a.m.), with the following exceptions, Birr Castle and Oxford 8 a.m., Lisbon 8 a.m. local time, Azores 8 a.m. local time.
- (b) 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. gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew; x. hoar frost; z. dust-haze, or smoke.

\* Information for these columns is not usually received.

† The figures in the "wet bulb" column represent the relative humidity.

‡ Received too late for insertion in Charts.

TERMS OF SUBSCRIPTION for the Daily Weather Report  
and for transmission of Forecasts by telegraph may be  
obtained on application.

METEOROLOGICAL OFFICE,  
63, VICTORIA STREET, S.W.

W. N. SHAW, (Director.)



**ADDITIONS AND CORRECTIONS**  
**TO THE**  
**DAILY WEATHER REPORT.**

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**JULY, 1909.**

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# ADDITIONS AND CORRECTIONS TO THE

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

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.	Force (0 to 12).	Weather.	Barometer.		Temperature.			Wind.		Weather.	Sea (0 to 9).	Temp.		Weather.	Sun. shine.	Rainfall.	
							At 32° and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).			Max.	Min.				
																					Ins.
1 <sup>st</sup>	Belfort.	29.97	49	W	6	r	30.05	+25	49	-	+1	W	7	c	-	55	47	-	-	0.08	
"	Lyons.	30.01	57	NW	1	o	30.12	+13	54	-	+2	N	2	o	-	62	50	-	-	0.04	
"	Corunna.	30.17	65	WNW	1	f	30.26	+12	59	58	-4	NW	4	c	2	66	55	-	-	0.04	
2 <sup>nd</sup>	Sanguinaire.	29.72	68	S	3	m	29.76	-04	68	-	-4	W	1	m	5	-	-	-	-	-	
"	P. Delgada.	30.47	67	N	1	bc	30.47	+08	70	65	+1	NE	1	bc	2	75	63	-	-	-	
3 <sup>rd</sup>	Lisbon.	30.02	69	NNW	5	b	29.97	-10	75	59	+4	N	5	b	-	82	66	-	-	-	
"	P. Delgada.	30.46	68	N	3	o	30.40	-07	69	64	-1	NE	4	b	4	75	66	-	-	-	
5 <sup>th</sup>	Lyons.	30.05	71	NNW	1	o	30.11	+01	66	59	+4	NE	1	b	-	78	58	-	-	-	
"	Lisbon.	30.06	77	NW	5	b	30.09	+08	72	62	-3	NNW	4	b	-	83	61	-	-	-	
"	P. Delgada.	30.43	67	NE	3	b	30.45	+07	67	66	-1	SE	1	o	3	73	64	-	-	-	
6 <sup>th</sup>	Sanguinaire.	30.02	71	S	2	bc	30.04	+14	66	-	-2	SE	2	b	3	-	-	-	-	-	
"	P. Delgada.	30.47	69	ENE	1	o	30.46	+01	69	66	+2	NE	1	o	3	73	66	-	-	-	
7 <sup>th</sup>	Corunna.	30.19	66	WSW	3	b	30.26	-05	61	59	+2	NW	3	o	5	70	55	-	-	0.04	
"	P. Delgada.	30.44	69	NNE	3	r	30.39	-07	69	68	0	NE	4	m	3	75	68	-	-	-	
8 <sup>th</sup>	Corunna.	30.30	63	NW	3	o	30.38	+12	59	56	-2	NNW	3	o	6	64	54	-	-	-	
"	P. Delgada.	30.41	67	NE	4	r	30.40	+01	68	62	-1	NE	4	bc	3	73	63	-	-	-	
9 <sup>th</sup>	Corunna.	30.43	63	NNW	3	o	30.41	+03	61	58	+2	NNW	1	bc	3	64	54	-	-	-	
"	P. Delgada.	30.44	66	NE	4	bc	30.46	+06	67	62	-1	NE	4	bc	4	72	63	-	-	-	
10 <sup>th</sup>	Corunna.	30.40	64	WNW	3	b	30.26	-15	62	59	+1	W	3	r	3	66	57	-	-	-	
12 <sup>th</sup>	Corunna.	30.32	62	NNW	3	o	30.34	-04	61	59	0	NW	3	o	5	64	57	-	-	0.04	
13 <sup>th</sup>	Haparanda.	29.58	68	N	2	c	29.58	-01	63	60	-4	E	3	r	-	75	59	-	-	0.04	
"	Hernösand.	29.58	61	Z	0	b	29.56	+01	64	58	-3	N	2	b	-	77	58	-	-	0.04	
"	Stockholm.	29.58	63	Z	0	bc	29.63	+09	67	62	0	NNW	2	bc	-	75	58	-	-	0.71	
"	Wisby.	29.58	61	WSW	2	b	29.61	+06	64	61	+6	Z	0	b	-	64	50	-	-	-	
"	Karlstad.	29.61	66	Z	0	b	29.67	+05	66	61	+1	N	2	b	-	-	-	-	-		
"	Sanguinaire.	29.71	68	W	4	bc	29.91	+19	67	-	+5	SE	3	m	5	-	-	-	-	-	
"	Corunna.	30.29	63	NW	3	o	30.34	-00	59	55	-2	N	1	b	5	64	52	-	-	-	
"	P. Delgada.	30.38	67	SE	2	b	30.35	-05	67	62	0	NE	1	r	4	72	64	-	-	-	
14 <sup>th</sup>	P. Delgada.	30.36	67	ESE	1	o	30.35	-00	68	62	+1	NE	1	o	3	73	64	-	-	-	
15 <sup>th</sup>	Corunna.	30.30	64	SW	5	b	30.30	-04	63	59	+3	NNW	1	c	3	64	55	-	-	-	
"	Lisbon.	30.07	76	N	5	b	30.10	+01	73	61	-4	N	3	b	-	91	68	-	-	-	
"	P. Delgada.	30.38	66	ENE	4	b	30.36	+01	67	64	-1	NE	4	bc	3	72	64	-	-	-	
16 <sup>th</sup>	Corunna.	30.36	64	N	3	bc	30.29	-01	63	58	0	NNE	2	b	3	68	55	-	-	-	
"	P. Delgada.	30.40	68	E	2	b	30.38	+02	67	64	0	NE	2	c	3	72	63	-	-	-	
17 <sup>th</sup>	Corunna.	30.25	63	NNW	3	b	30.28	-01	64	64	+1	NNE	1	b	2	66	57	-	-	-	
19 <sup>th</sup>	Corunna.	30.18	65	NNE	1	b	30.11	-06	64	60	+2	NNW	1	bc	3	68	54	-	-	-	
"	P. Delgada.	30.36	69	NNE	1	bc	30.33	+04	70	64	+2	NNE	4	c	3	73	66	-	-	-	
20 <sup>th</sup>	Corunna.	30.19	73	N	3	b	30.24	+13	67	63	+3	NE	1	b	3	79	61	-	-	-	
"	P. Delgada.	30.34	68	NE	4	b	30.34	+01	68	64	-2	ENE	3	o	3	73	64	-	-	-	
21 <sup>st</sup>	Rockeford.	30.17	71	NW	3	b	30.11	-16	64	59	0	E	1	b	-	71	59	-	-	-	
"	Corunna.	30.12	69	NNW	1	b	30.08	-16	61	61	-6	NE	1	bc	3	77	57	-	-	-	
22 <sup>nd</sup>	Corunna.	30.05	63	NNW	3	b	30.01	-07	64	58	+3	N	1	f	2	64	54	-	-	-	
"	P. Delgada.	30.32	67	NNE	2	b	30.31	+03	69	63	0	ENE	1	b	2	75	63	-	-	-	
23 <sup>rd</sup>	Corunna.	30.19	64	NNW	1	c	30.17	+16	66	62	+2	NW	1	b	2	66	57	-	-	-	
"	Lisbon.	30.10	67	N	5	b	30.14	+06	66	60	-3	NW	4	b	-	82	61	-	-	-	
"	P. Delgada.	30.36	66	N	1	b	30.32	+01	69	66	0	Z	0	o	2	75	64	-	-	-	
24 <sup>th</sup>	Sanguinaire.	29.94	78	W	3	m	29.89	-04	77	66	+5	E	1	m	1	-	-	-	-	-	
"	P. Delgada.	30.32	71	NNE	3	c	30.25	-07	71	66	+2	NW	3	bc	4	79	68	-	-	0.04	
26 <sup>th</sup>	Sanguinaire.	29.90	78	Z	0	b	29.82	-?	77	68	?	Z	0	b	1	-	-	-	-	-	
"	Corunna.	29.93	64	WNW	1	o	30.10	+10	61	57	-6	W	1	b	6	70	52	-	-	-	
"	P. Delgada.	30.18	70	Z	0	bc	30.20	+08	70	62	0	NNE	4	bc	3	75	64	-	-	-	
27 <sup>th</sup>	Corunna.	30.16	66	WNW	1	b	30.06	-04	62	59	+1	S	3	o	3	68	55	-	-	-	
"	P. Delgada.	30.25	69	WNW	1	o	30.27	+07	73	68	+3	N	1	c	2	75	68	-	-	-	
28 <sup>th</sup>	Corunna.	30.01	68	S	3	o	30.25	+19	61	58	-1	NW	1	f	3	73	55	-	-	-	
"	P. Delgada.	30.28	72	N	1	o	30.40	+13	71	68	-2	NE	4	c	3	79	70	-	-	0.04	
29 <sup>th</sup>	Corunna.	30.37	64	NW	1	o	30.37	+12	63	58	+2	NW	1	b	3	66	54	-	-	-	
"	P. Delgada.	30.44	68	NE	1	b	30.37	-03	70	68	-1	E	4	o	3	73	66	-	-	-	
30 <sup>th</sup>	Corunna.	30.32	65	NW	3	b	30.25	-12	62	60	+1	NW	3	f	2	66	57	-	-	-	
"	Lisbon.	30.00	79	N	5	b	29.98	-13	82	66	+6	N	4	b	-	94	73	-	-	-	
"	P. Delgada.	30.24	70	E	1	o	30.19	-18	69	64	-1	ENE	1	o	3	73	66	-	-	-	
31 <sup>st</sup>	Isafjord.	29.84	58	Z	0	r	29.91	+11	51	-	-3	Z	0	b	-	-	-	-	-	-	
"	Corunna.	30.19	65	NW	3	b	30.13	-12	63	60	+1	N	1	f	3	68	57	-	-	-	



REPORTS FOR JULY, 1909.

## 2. CORRECTIONS.

DATE.	STATIONS.	YESTERDAY EVENING.					THIS MORNING.							PAST 24 HOURS.							
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun- shine.	Rainfall.
		At 82° and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).	At 82° Fahr. and M.S.L.		Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.	Force (0 to 12).	Max.			Min.				
		Ins.	"				Ins.	Ins.	"	"	"								Hours.	Ins.	
1 <sup>st</sup>	North Shields.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	-	
2 <sup>nd</sup>	Dover.	-	-	-	-	-	30.25	+14	-	-	-	-	-	-	-	-	-	-	-	-	
4 <sup>th</sup>	Holyhead.	-	-	-	-	blzf	-	-	-	-	-	-	-	-	-	-	-	34.1, rftl	-	-	
5 <sup>th</sup>	Scilly.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	-	
5 <sup>th</sup>	Jersey (S'Aubins)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	-	-	
6 <sup>th</sup>	Dungeness.	-	-	-	-	-	30.09	-	-	-	-	-	-	-	-	-	-	-	-	-	
6 <sup>th</sup>	Dover.	-	-	-	-	-	29.76	-37	-	-	-	-	-	-	-	-	-	-	-	-	
7 <sup>th</sup>	Dover.	-	-	-	-	-	29.50	-26	-	-	-	-	-	-	-	-	-	-	-	-	
8 <sup>th</sup>	Castlebay	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9 <sup>th</sup>	Sumburgh Head.	-	-	-	-	-	29.81	-08	-	-	-	-	-	-	-	-	-	-	7.7	-	
9 <sup>th</sup>	Jersey (S'Aubins)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	-	-	
10 <sup>th</sup>	Blacksoa Pt	-	-	-	-	-	29.88	-11	-	-	-	-	-	-	-	-	-	-	-	-	
11 <sup>th</sup>	Birr Castle.	-	-	-	-	-	30.06	+19	-	-	-	-	-	-	-	-	-	-	-	-	
"	Dover.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	
"	Wick.	-	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60	50	-	
14 <sup>th</sup>	Wick.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15 <sup>th</sup>	Castlebay.	-	-	-	-	-	29.78	+07	-	-	-	-	-	-	-	-	-	-	-	-	
16 <sup>th</sup>	Donaghadee.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.33	
17 <sup>th</sup>	London.	-	-	W	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
18 <sup>th</sup>	Sumburgh Head.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68	47	-	
"	Donaghadee.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Dungeness.	-	-	SW	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
19 <sup>th</sup>	Birr Castle.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.6	-	
"	Yarmouth.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	-	
"	Clacton-on-Sea.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.3	-	
"	Oxford.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	
20 <sup>th</sup>	Birr Castle.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.7	-	
"	North Shields.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.3	-	
21 <sup>st</sup>	Scilly.	30.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Dover.	-	-	-	-	-	-	-	-	57	-	-	-	-	-	-	-	-	-	-	
"	Aberdeen.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	-	-	
22 <sup>nd</sup>	Stornoway.	29.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
"	Portland Bill.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-	
"	Yarmouth.	-	-	-	-	-	-	-	-	-	-	W	-	-	-	-	-	-	-	-	
23 <sup>rd</sup>	Sumburgh Head.	-	-	-	-	-	-	-	-	48	-	-	-	-	-	-	-	-	-	-	
"	Aberdeen.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.0, 0.7, cp	-	-	
24 <sup>th</sup>	North Shields.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.0	-	
26 <sup>th</sup>	Lorient.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.24	
"	Lyons.	-	-	-	-	-	-	-	-	71	-	-	-	-	-	-	-	-	-	-	
27 <sup>th</sup>	Jersey (S'Aubins)	-	-	-	-	-	29.99	+20	-	-	-	-	-	-	-	-	-	-	-	-	
"	Wick.	29.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
28 <sup>th</sup>	North Shields.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.6	-	
31 <sup>st</sup>	Castlebay.	-	-	-	-	-	-	-	-	53	-	-	-	-	-	-	-	-	-	-	
"	Wick.	-	-	-	-	-	29.87	+23	-	-	-	-	-	-	-	-	-	-	-	-	



# WIRELESS TELEGRAMS.

## ADDITIONS AND CORRECTIONS.— JULY, 1909.

Date of Report in which Observations appeared.	Ship and Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance
		Lat.	Long.		Direc.	Force.		Air.			
				Dry Bulb.			Wet Bulb.	Sea			
		0	0	Ins.				0	0	0	
Corrections.											
July 1 <sup>st</sup>	Montreal.	June 28. 6pm	-	-	29.67	-	-	-	-	-	-
" "	Minnewaska.	{ " 23.4am	48 N	24 W	29.80	SW	4-5	-	-	-	-
" "	" "	" 7am	48 N	26 W	? 29.80	SW	6-7	0	-	-	-
" "	Adriatic.	" 23.6pm	-	26 W	-	-	-	-	-	-	-
" 4 <sup>th</sup>	Cymric.	July 2. 7am	-	25 W	-	-	-	-	-	-	-
" 6 <sup>th</sup>	Saxonia.	{ " 3.3pm	46 N	34 W	30.24	S	4-5	-	-	-	-
" "	" "	" 6pm	46 N	36 W	30.16	S	4-5	0	-	-	-
" 7 <sup>th</sup>	Mauretania.	" 5.4am	50 N	-	-	-	-	-	-	-	-
" "	Ivernia.	" 7.7am	-	-	-	NNW	6-7	-	-	-	-
" 10 <sup>th</sup>	Corsican.	" 8.7am	-	-	-	-	1-3	-	-	-	-
" "	Adriatic.	" 9.7am	-	-	30.19	SW	4-5	-	-	-	-
" "	Philadelphia.	" 9.7am	48 N	-	-	-	-	-	-	-	-
" 17 <sup>th</sup>	S <sup>t</sup> Paul.	" 16.6pm	49 N	-	-	-	-	-	-	-	-
" 18 <sup>th</sup>	Kroonland.	" 17.4am	-	-	30.16	-	-	-	-	-	-
" "	Minnewaska.	" 17.7am	-	-	-	SW	1-3	-	-	-	-
" 19 <sup>th</sup>	Ivernia.	{ " 15.3pm	50 N	16 W	30.26	WSW	4-5	-	-	-	-
" "	" "	" 6pm	50 N	19 W	30.24	WSW	4-5	0	-	-	-
" "	Montcalm.	" 17.6pm	-	27 W	-	-	-	-	-	-	-
" 21 <sup>st</sup>	H.M.S.	{ " 20.4pm	45.54 N	-	30.23	E	4	0	63	59	62 3
" "	" "	" 6pm	45.36 N	7.50 W	-	-	-	-	-	-	-
" 24 <sup>th</sup>	H.M.S.	" 23.6pm	45.26 N	-	-	-	-	-	-	-	-
" "	Baltic.	" 22.4am	-	-	-	-	4-5	-	-	-	-
" 25 <sup>th</sup>	New York.	" 24.7am	-	8 W	29.81	-	-	-	-	-	-
" 26 <sup>th</sup>	Caronia.	" 23.7am	-	-	-	-	-	6	-	-	-
" "	Canada.	{ " 23.7am	-	31 W	-	-	-	-	-	-	-
" "	" "	" 24.7am	-	-	29.48	-	-	-	-	-	-
" "	Philadelphia.	{ " 25.3pm	49 N	11 W	29.49	NW	4-5	-	-	-	-
" "	" "	" 6pm	49 N	12 W	29.62	NNW	4-5	60	-	-	-
" 28 <sup>th</sup>	Philadelphia.	" 26.7am	-	-	-	-	-	0	-	-	-
" 29 <sup>th</sup>	Kroonland.	" 27.4am	-	-	-	N	6-7	-	-	-	-
" 31 <sup>st</sup>	Laurentic.	" 30.4am	-	-	-	-	1-3	-	-	-	-

SCANDINAVIA.

ICELAND  
& FAEROE.

BRITISH ISLANDS.

GERMANY, &c.

FRANCE.

SPANISH  
PENIN.