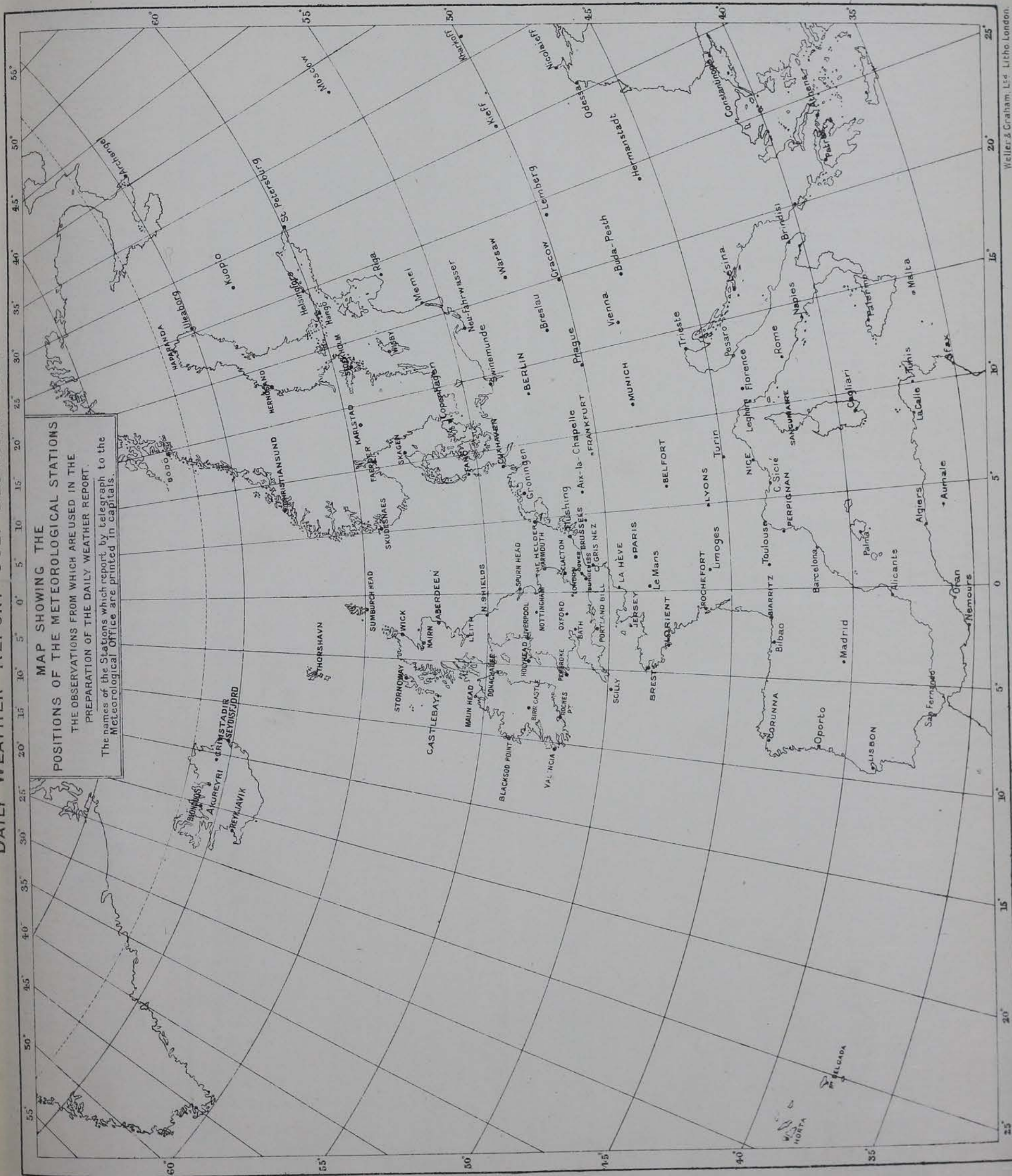


METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER. 1908.

DAILY WEATHER REPORT JULY-DECEMBER 1908.



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.)

JULY.

AUGUST.

SEPTEMBER.

STATIONS.	PRESSURE. 1871-1905.	AIR TEMPERATURE. 1871-1905.								RAINFALL. 1871-1905.		BRIGHT SUNSHINE. 1881-1905.	
		Means of				Absolute Extremes.				Days with Rain.	Total Fall.	Average Duration.	Per Cen- tage of Possible Duration.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maxi- mum.	Daily Mini- mum.	Maximum.		Minimum.					
						Temp.	Year.	Temp.	Year.				
	Inches.	°	°	°	°	°		°		Inches.	Hours.	%	
Sumburgh Head	29.817	53.2	51.5	57.4	48.3	70	1897	37	1888	18	2.40	—	—
Stornoway	29.834	55.3	53.5	60.5	49.0	76	1894	32	1888	21	3.03	143.8	27
Malin Head	29.882	56.2	54.1	61.0	53.3	[75]†	[1887]†	[42]†	[1888, 1902]†	[20]†	[2.89]†	—	—
Blackod Point	29.922	57.8	55.3	62.3	53.9	[80]†	[1894]†	[42]†	[1898]†	[21]†	[3.02]†	—	—
Valencia	29.968	59.2	56.6	64.0	53.9	80	1878	42	1898	20	3.88	153.5	31
Roche's Point	29.967	59.1	56.2	65.7	53.8	84	1876	45	1888	15	3.06	—	—
Birr Castle	29.947	58.1	55.1	66.5	51.7	89	1876	37	1889	17	3.02	139.0	28
Donaghadee	29.915	57.3	55.4	63.4	52.0	81	1876	40	1883, 1902	18	2.97	—	—
Liverpool (Observatory)	29.937	59.5	55.6	66.1	54.4	89	1873	44	1877	16	2.90	—	—
Holyhead	29.942	58.4	56.1	63.7	54.1	85	1901	43	1888	15	2.59	—	—
Pembroke (St. Ann's Hd.)	29.964	58.2	56.3	62.7	55.0	80	1878	45	1888	15	2.55	206.1	42
Scilly (St. Mary's)	29.992	60.6	58.3	65.0	56.6	75	1886, 1901, 02	48	1875	16	2.38	218.6	45
Jersey (St. Aubin's)	30.021	62.6	59.2	68.8	56.6	90	1873	45	1902	13	2.30	249.8	52
Portland Bill.	[30.036]‡	[60.7]‡	[58.4]‡	[66.1]‡	[56.2]‡	[79]‡	[1901]‡	[49]‡	[1900]‡	[10]‡	[1.50]‡	—	—
Dungeness	29.973	62.0	58.7	67.1	56.0	82	1900	40	1890	12	1.67	—	—
Wick	29.845	55.8	53.6	61.7	48.9	81	1876	30	1886	18	2.74	—	—
Nairn	29.849	56.9	53.7	64.6	50.1	86	1876	37	1886, 97, 98, 1903	18	2.77	—	—
Aberdeen	29.864	57.5	53.8	63.7	50.7	86	1876	38	1898, 1903	17	2.90	163.1	31
Leith	29.878	58.4	55.0	66.7	51.5	90	1876	41	1881, 88, 92, 1903	16	2.77	—	—
North Shields	29.897	58.3	55.2	64.5	52.1	85	1876	40	1885	15	2.66	—	—
Spurn Head	29.924	59.7	56.7	65.3	55.1	[84]*	[1881, 1900]*	[44]*	[1888]*	13	1.82	—	—
Yarmouth	29.944	61.0	57.7	66.4	55.0	87	1881	42	1872, 90	14	2.65	—	—
Clacton-on-Sea	[30.042]‡	[64.9]‡	[61.2]‡	[69.4]‡	[56.0]‡	[82]‡	[1905]‡	[40]‡	[1902]‡	[9]‡	[1.69]‡	[258.2]‡	[52]‡
Nottingham	29.956	60.9	57.1	70.8	52.2	92	1876	37	1888	16	2.60	[229.8]‡	[46]‡
Bath	[30.024]‡	[61.7]‡	[57.6]‡	[72.1]‡	[54.5]‡	[91]‡	[1876]‡	[41]‡	[1881]‡	13	2.67	[222.6]‡	[45]‡
Oxford	29.972	60.3	56.7	70.4	53.6	90	1876, 1900	41	1888	13	2.56	202.9	41
LONDON { Westminster	[30.055]**	[64.2]**	[60.0]**	[74.6]**	[58.3]**	[81]**	[1905]**	[52]**	[1905]**	[9]**	[1.15]**	181.0	37
{ Brixton	29.977	62.3	57.8	72.9	54.4	95	1881	41	1877	13	2.38	—	—
Sumburgh Head	29.778	53.3	51.6	57.5	48.4	69	1880	38	1885, 95	19	3.17	—	—
Stornoway	29.794	54.7	53.2	60.2	49.0	75	1897, 99	33	1888	21	3.88	134.3	29
Malin Head	29.838	56.3	54.2	61.6	53.7	[80]†	[1900]†	[43]†	[1891]†	[21]†	[3.51]†	—	—
Blackod Point	29.877	58.0	55.4	62.3	54.0	[78]†	[1899]†	[42]†	[1887, 88]†	[23]†	[4.88]†	—	—
Valencia	29.929	59.3	56.8	64.4	54.1	81	1899	42	1890	22	5.14	153.1	34
Roche's Point	29.933	58.9	56.4	65.4	54.0	80	1880	44	1883, 1903, 04	17	4.19	—	—
Birr Castle	29.916	57.1	55.0	65.8	51.3	82	1893, 99, 1900	35	1885, 87	18	3.97	143.0	32
Donaghadee	29.879	56.8	55.2	62.7	52.2	78	1899	38	1886	19	3.45	—	—
Liverpool (Observatory)	29.906	58.6	55.2	65.5	54.3	85	1876, 84, 93, 99	44	1885	17	3.08	—	—
Holyhead	29.908	58.5	56.4	63.8	54.5	83	1893	45	1883	16	3.23	—	—
Pembroke (St. Ann's Hd.)	29.931	58.7	56.7	63.1	55.7	78	1874, 99	47	1885, 88	16	3.06	193.5	43
Scilly (St. Mary's)	29.962	61.0	58.8	65.2	57.1	75	1893, 99	50	1885, 90, 95	17	2.63	228.4	52
Jersey (St. Aubin's)	29.998	63.1	59.7	69.0	57.3	89	1893	45	1890	15	2.54	243.0	53
Portland Bill.	[29.973]‡	[59.8]‡	[57.4]‡	[65.3]‡	[56.0]‡	[78]‡	[1901]‡	[49]‡	[1904]‡	[15]‡	[2.72]‡	—	—
Dungeness	29.954	62.0	58.9	67.5	56.5	82	1904	39	1890	13	1.98	—	—
Wick	29.809	55.3	53.3	61.2	48.5	85	1893	30	1886	19	2.74	—	—
Nairn	29.815	56.7	53.0	63.8	49.6	86	1899	33	1885, 91, 1904	19	2.65	—	—
Aberdeen	29.832	56.5	53.3	62.9	50.0	81	1880, 82, 99	33	1885	18	3.08	152.7	33
Leith	29.846	58.2	54.5	66.0	51.3	85	1893	37	1874	17	2.89	—	—
North Shields	29.869	57.2	54.5	64.0	51.6	83	1893	39	1892, 1902	16	2.84	—	—
Spurn Head	29.904	59.0	56.7	64.8	54.9	[87]*	[1893]*	[46]*	[1887, 90, 1900, 2]*	14	2.06	—	—
Yarmouth	29.926	60.5	57.4	66.2	54.7	85	1893	41	1902	14	2.43	—	—
Clacton-on-Sea	[29.954]‡	[61.7]‡	[57.8]‡	[67.5]‡	[54.8]‡	[79]‡	[1901]‡	[44]‡	[1902]‡	[14]‡	[2.13]‡	[216.0]‡	[49]‡
Nottingham	29.933	58.8	55.9	69.0	51.5	94	1876	37	1876	17	2.61	[197.1]‡	[44]‡
Bath	[29.955]‡	[58.8]‡	[55.6]‡	[69.5]‡	[53.3]‡	[92]‡	[1876]‡	[40]‡	[1877, 1904]‡	14	2.87	[188.7]‡	[42]‡
Oxford	29.954	58.8	53.9	69.2	52.9	90	1876	39	1892	14	2.38	184.9	42
LONDON { Westminster	[29.981]**	[60.1]**	[56.2]**	[68.3]**	[54.3]**	[74]**	[1905]**	[46]**	[1905]**	[15]**	[2.51]**	168.0	38
{ Brixton	29.961	60.9	57.2	71.8	53.6	96	1876	39	1887, 90	14	2.39	—	—
Sumburgh Head	29.800	50.8	49.1	54.9	46.3	69	1898	34	1887, 88	20	3.32	—	—
Stornoway	29.816	51.4	50.1	57.1	45.8	72	1898	32	1871, 75, 85, 1904	21	4.08	114.1	30
Malin Head	29.866	53.7	51.5	58.6	51.0	[78]†	[1888]†	[38]†	[1886]†	[19]†	[2.95]†	—	—
Blackod Point	29.902	55.4	52.9	59.7	51.5	[78]†	[1898]†	[39]†	[1899]†	[21]†	[4.26]†	—	—
Valencia	29.956	56.4	54.0	61.8	51.4	79	1898	35	1899	20	4.50	129.6	35
Roche's Point	29.964	55.8	53.7	61.8	51.3	74	1880	39	1893	15	3.52	—	—
Birr Castle	29.947	52.8	51.0	61.8	47.3	79	1880, 98	29	1899	17	2.76	127.9	34
Donaghadee	29.918	53.7	52.4	60.1	49.4	74	1898	36	1882, 94, 99	17	2.84	—	—
Liverpool (Observatory)	29.950	54.7	52.0	61.4	50.8	82	1880	39	1885	17	2.96	—	—
Holyhead	29.943	55.9	53.7	60.8	52.2	78	1880	42	1903	16	2.96	—	—
Pembroke (St. Ann's Hd.)	29.962	56.3	54.1	60.5	53.1	74	1895	40	1885	16	3.10	148.9	40
Scilly (St. Mary's)	29.979	58.7	56.5	62.3	54.9	73	1899	44	1885, 83	17	3.03	169.7	45
Jersey (St. Aubin's)	30.009	60.2	57.0	65.9	54.9	86	1895	41	1891	16	2.92	182.1	49
Portland Bill.	[30.029]‡	[57.2]‡	[54.8]‡	[62.9]‡	[53.6]‡	[89]‡	[1900]‡	[43]‡	[1902, 03]‡	[13]‡	[2.26]‡	—	—
Dungeness	29.985	57.9	55.5	64.1	52.9	78	1898, 99	32	1885	14	2.30	—	—
Wick	29.833	52.1	50.3	58.0	45.8	78	1898	29	1885, 87	19	2.59	—	—
Nairn	29.846	51.7	49.4	60.0	45.8	83	1898	25	1892	17	2.37	—	—
Aberdeen	29.870	52.5	50.0	59.3									

* Results for 25 years, 1881-1905.

† " 21 " 1871-1884 and 1899-1905.

‡ " 20 " 1886-1905.

‡ Results for 7 years, 1899-1905.

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.)

OCTOBER.

NOVEMBER.

DECEMBER.

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 Cen- tage of Possible Duration.
		Dry Bulb 8 a.m.	Wet Bulb 8 a.m.	Daily Maxi- mum.	Daily Mini- mum.	Maximum.		Minimum.					
						Temp.	Year.	Temp.	Year.				
	Inches.	°	°	°	°	°		°		Inches.	Hours.	%	
Sumburgh Head.....	29°721	45°9	44°2	49°7	41°7	61	1898	26	1875	25	4°38	—	—
Stornoway.....	29°752	45°4	44°3	51°3	40°3	70	1898	26	1880	24	5°69	84°3	27
Malin Head.....	29°804	48°4	46°4	52°6	45°6	[69]†	[1898]†	[32]†	[1892]†	[22]†	[3°22]†	—	—
Blacksod Point.....	29°853	49°7	46°9	54°2	45°9	[70]†	[1898]†	[29]†	[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	40°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	1880, 1905	18	2°93	98°0	30
Donaghadee.....	29°846	47°8	46°4	53°8	43°5	66	1898	21	1892	19	2°97	—	—
Liverpool (Observatory).....	29°876	47°8	45°7	53°8	44°6	72	1886	27	1895	19	3°54	—	—
Holyhead.....	29°867	50°3	48°2	54°7	46°9	71	1886	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]§	[65]§	[1901]§	[35]§	[1905]§	[17]§	[3°06]§	—	—
Dungeness.....	29°913	50°4	48°6	56°7	46°0	70	1886	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	1883	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	1886	22	1873	15	2°76	100°6	31
LONDON { Westminster	[30°029]**	[43°6]**	[41°7]**	[53°0]**	[38°7]**	[61]**	[1905]**	[28]**	[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	—	—
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]†	—	—
Blacksod 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°69	—	—
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	1880	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]§	[1900]§	[30]§	[1902]§	[14]§	[2°11]§	—	—
Dungeness.....	29°930	44°9	43°5	50°1	40°8	63	1899	17	1890	17	2°65	—	—
Wick.....	29°750	42°0	40°5	46°7	36°8	62	1900	15	1884, 1904	20	2°84	—	—
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	18	1885	16	2°17	—	—
North Shields.....	29°851	42°7	41°1	48°0	38°2	62	1894	20	1880	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]†	[40°0]†	[47°9]†	[39°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°34	56°5	22
LONDON { Westminster	[29°693]**	[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	—	—
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°9	34°7	55	1898	15	1880	26	5°90	23°9	12
Malin Head.....	29°745	41°8	40°2	45°4	38°4	[55]†	[1900, 04]†	[29]†	[1904]†	[23]†	[3°21]†	—	—
Blacksod Point.....	29°799	43°4	41°5	47°2	39°4	[59]†	[1899]†	[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	1						

* Results for 25 years, 1881-1905.

† " 21 " 1871-1884 and 1899-1905.

‡ " 20 " 1886-1905.

§ Results for 7 years, 1899-1905.

|| " 6 " 1900-1905.

|| " 5 " 1901-1905.

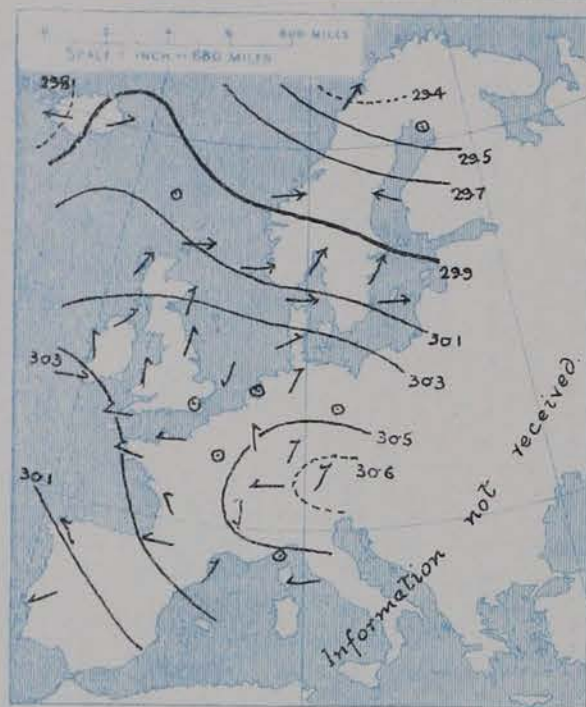
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,
1st December, 1908

		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.	Wind.								Temp.				
STATIONS.		At 32° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Sun. shine.	Rainfall.
		Ins.	"				Ins.	Ins.	"	"	"						"	"		Hours.	Ins.
SCANDINAVIA.	Haparanda...	29.41	28	W	2	b	29.52	+11	29	27	-2	WNW	4	bc	*		34	25	*	*	-
	Hernösand...	29.80	36	NW	6	b	29.84	+08	36	32	-2	W	2	bc	*		37	32	*	*	-
	Stockholm...	29.97	35	W	2	b	30.08	+17	31	28	-6	W	2	b	*		39	34	*	*	-
	Wisby...	29.99	44	WNW	6	o	30.12	+10	40	36	-2	NW	4	b	*		45	37	*	*	0.04
	Karlstad...	30.06	37	Z	0	b	30.17	+21	30	29	-12	Z	0	bc	*		*	*	r, f	*	0.04
	Färder (X'Mania Fjord)	30.00	47	SW	4	c	30.13	+18	39	38	-6	Z	0	m	2		47	39	*	*	-
	Bodö...	29.63	39	W	4	c	29.78	+39	36	35	-3	NW	4	bc	2		39	34	*	*	0.04
ICELAND & FAEROE.	Christiansund...	30.10	41	W	5	o	30.13	+26	37	36	-4	WSW	2	r	5		41	37	*	*	0.04
	Skudesnaes...	30.19	49	WNW	4	o	30.28	+20	48	48	0	WNW	4	o	3		50	45	c, o	*	0.04
	Reykjavik...	29.62	36	SE	5	o	29.63	-13	37	*	+4	Z	0	o	*		*	*	*	*	*
	Blönduós...	29.81	27	SSW	1	o	29.84	-05	33	*	+12	Z	0	o	*		*	*	*	*	*
BRITISH ISLANDS.	Seydisfjord...	30.01	26	Z	0	s	29.86	-08	33	*	+7	Z	0	o	*		*	*	*	*	*
	Thorshavn...	30.04	42	Z	0	r	30.07	+14	48	*	+11	W	2	r	*		*	*	*	*	*
	Sumburgh Head	30.17	50	W	4	o	30.23	+27	48	46	+2	W	3	o	4		52	46	o, bc, c, o	*	0.15
	Stornoway...	30.29	48	WSW	2	c	30.29	+09	48	47	-2	SSW	4	o	4		52	42	ap, o, c, bc, o	*	0.04
	Castlebay (Barra Id.)	30.32	50	WSW	3	o	30.30	?	50	49	?	S	2	o	3		52	47	o, c, bc, o	*	-
	Malin Head...	30.34	39	S	2	bc	30.30	-02	46	46	+2	S	2	ag	2		48	39	b, bc, ag	*	-
	Blacksod Pt.	30.30	47	SE	2	bc	30.27	-06	48	43	+2	SSE	2	bc	1		49	43	bc	*	-
	Valencia...	30.28	52	SE	2	o	30.25	-05	53	50	+7	SE	3	o	4		56	42	o, bc, o	*	0.6
	Roche's Point...	30.32	52	ESE	3	o	30.32	-01	51	51	+7	S	3	o	4		52	48	om, ag	*	0.01
	Birr Castle...	30.32	46	SW	1	o	30.31	-07	47	46	+18	S	1	b	*		49	28	o, p, b	*	0.01
	Donaghadee...	30.40	40	WSW	1	b	30.37	-01	49	48	+12	WSW	2	bc	2		50	36	bc	*	-
	Liverpool Obsy...	30.41	44	ESE	2	m	30.41	-01	41	41	+8	ESE	3	m	2		44	33	f, b, f	2.2	-
	Holyhead...	30.38	45	Z	0	bc	30.38	-01	40	39	+2	S	1	bc	1		46	38	c, bc	*	-
	Pembroke (St. Ann's Hd.)	30.35	49	E	4	b	30.35	-01	48	47	0	ESE	4	c	4		52	47	om, ag, dm	1.8	-
	Scilly (St. Mary's)	30.31	53	SE	2	o	30.29	-01	51	49	0	SSE	2	c	2		55	50	om	2.5	-
GERMANY, &c.	Jersey (St. Aubins)	30.39	49	E	2	b	30.38	-02	41	41	-9	NE	2	b	2		53	41	bm, b	7.8	-
	Portland Bill	30.41	50	E	2	m	30.38	-01	50	49	-2	ENE	4	bc	4		54	49	bc, m	4.2	-
	Dungeness...	30.43	49	Z	0	bc	30.43	+02	46	45	-4	E	2	bc	2		54	40	bc, m	0.0	0.02
	Dover...	30.47	43	NW	1	b	30.46	+03	42	42	-7	N	1	f	0		54	40	m, o, b, o, f	2.1	-
	Wick...	30.29	49	W	2	bc	30.29	+13	42	40	-9	W	1	b	1		53	40	-	*	-
	Nairn...	30.32	49	W	1	c	30.32	+11	40	39	-10	W	1	c	1		53	38	c	0.8	-
	Aberdeen...	30.35	43	SW	1	b	30.34	+07	36	35	-9	W	1	c	2		52	33	bc, b, bc, c	5.1	-
	Leith...	30.37	44	W	2	b	30.38	+06	36	35	-10	W	1	c	*		50	30	b	*	-
	North Shields	30.39	42	WSW	2	cm	30.38	00	35	35	-2	W	2	fe	2		48	32	b, cm, fe	*	-
	Spurn Head	30.43	42	SW	1	bc	30.41	-00	43	43	+3	SW	3	f	2		44	40	om, bc, f	*	-
	Yarmouth...	30.45	47	NNE	2	f	30.47	+04	45	45	-2	SW	2	f	2		48	44	f	0.0	-
	Clacton-on-Sea	30.46	49	NNE	1	f	30.41	-02	42	42	-5	SE	1	f	0		50	42	agm, f	0.0	-
	Nottingham	30.44	43	E	1	me	30.44	00	43	42	+10	SW	1	odf	*		46	33	f, me	0.0	0.01
	Bath...	30.45	49	NE	1	o	30.43	+02	43	43	-6	NE	1	o	*		51	43	-	0.0	-
	Oxford...	30.47	47	Z	0	o	30.47	+01	41	41	-7	Z	0	agfe	*		51	41	odg, o	*	0.01
	London (St. James's Pl)	30.45	48	Z	0	om	30.44	+03	44	44	-7	SSW	1	agm	*		54	44	bm, agm, o	0.0	-
FRANCE.	The Scaw (Skagen)	30.09	47	WNW	7	b	30.18	+07	44	44	-2	WNW	2	c	0		48	43	*	*	-
	Fanö...	30.36	45	NW	4	o	30.36	+03	45	44	+3	W	2	o	*		46	41	*	*	-
	Cuxhaven†...	30.42	41	SW	2	o	30.43	+02	39	100	0	SW	2	f	*		43	37	*	*	-
	The Helder	30.46	46	Z	0	f	30.47	+03	44	44	+2	SW	1	c	1		46	43	*	*	-
	Brussels...	*	*	*	*	*	30.45	-03	37	37	0	SSE	1	f	*		52	33	*	*	-
	Berlin†...	30.43	40	WNW	2	o	30.41	00	40	40	-2	WNW	3	o	*		43	39	*	*	-
	Frankfurt†...	30.58	31	SW	1	f	30.55	-01	30	96	0	SW	2	f	*		32	28	*	*	-
SPANISH PENIN.	Munich†...	30.63	23	E	1	f	30.60	-02	24	100	0	E	2	f	*		30	23	*	*	-
	C. Gris Nez	30.45	45	Z	0	b	30.43	?	37	37	-8	Z	0	f	0		50	36	*	*	-
	La Hève	30.44	50	SE	1	m	30.48	+05	34	32	-5	SE	3	f	3		55	30	*	*	-
	Brest...	30.34	54	SE	4	b	30.34	+01	46	45	-4	E	2	b	2		57	43	*	*	-
	Rorient	30.29	51	ESE	3	b	30.30	-02	40	40	-7	E	4	m	2		55	39	*	*	-
	Rochefort	30.35	50	E	3	b	30.32	-05	42	42	-3	ESE	3	b	*		59	41	b	*	-
	Biarritz	30.30	53	E	3	b	30.28	-04	51	47	+2	SE	3	b	1		66	48	*	*	-
SPANISH PENIN.	Paris...	30.47	31	SSE	1	b	30.47	00	29	29	0	SSE	1	o	*		41	25	*	*	-
	Belfort...	30.50	30	ENE	3	m	30.54	00	24	24	-1	ENE	4	f	*		40	24	*	*	-
	Lyons...	30.53	29	Z	0	f	30.55	+03	27	27	-1	Z	0	f	*		32	26	*	*	-
	Nice...	30.47	46	Z	0	b	30.49	+02	42	38	-2	Z	0	b	2		55	41	*	*	-
	Perpignan...	30.40	55	SW	1	o	30.39	-01	?	?	?	SW	1	b	*		61	40	*	*	-
	Sanguinaire	30.39	51	NE	1	b	30.42	+03	52	50	-1	E	2	m	2		63	50	*	*	-
	Corunna...																		*	*	-
SPANISH PENIN.	Lisbon...																		*	*	-
	Azores (P. Delgada)...																		*	*	-
	„ Horta...	29.97	63	SW	5	o	29.91	-17	61	61	-3	SW	4	r	3		66	61	*	*	0.28

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

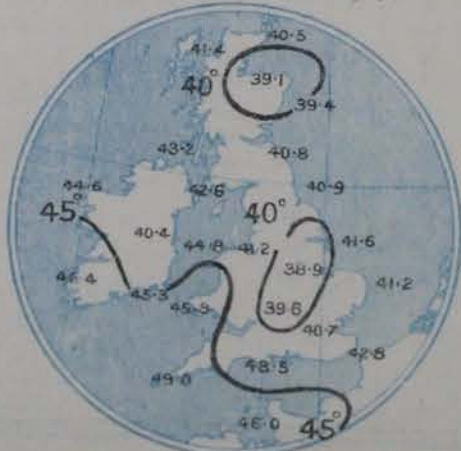
7 A.M. YESTERDAY



6 P.M. YESTERDAY



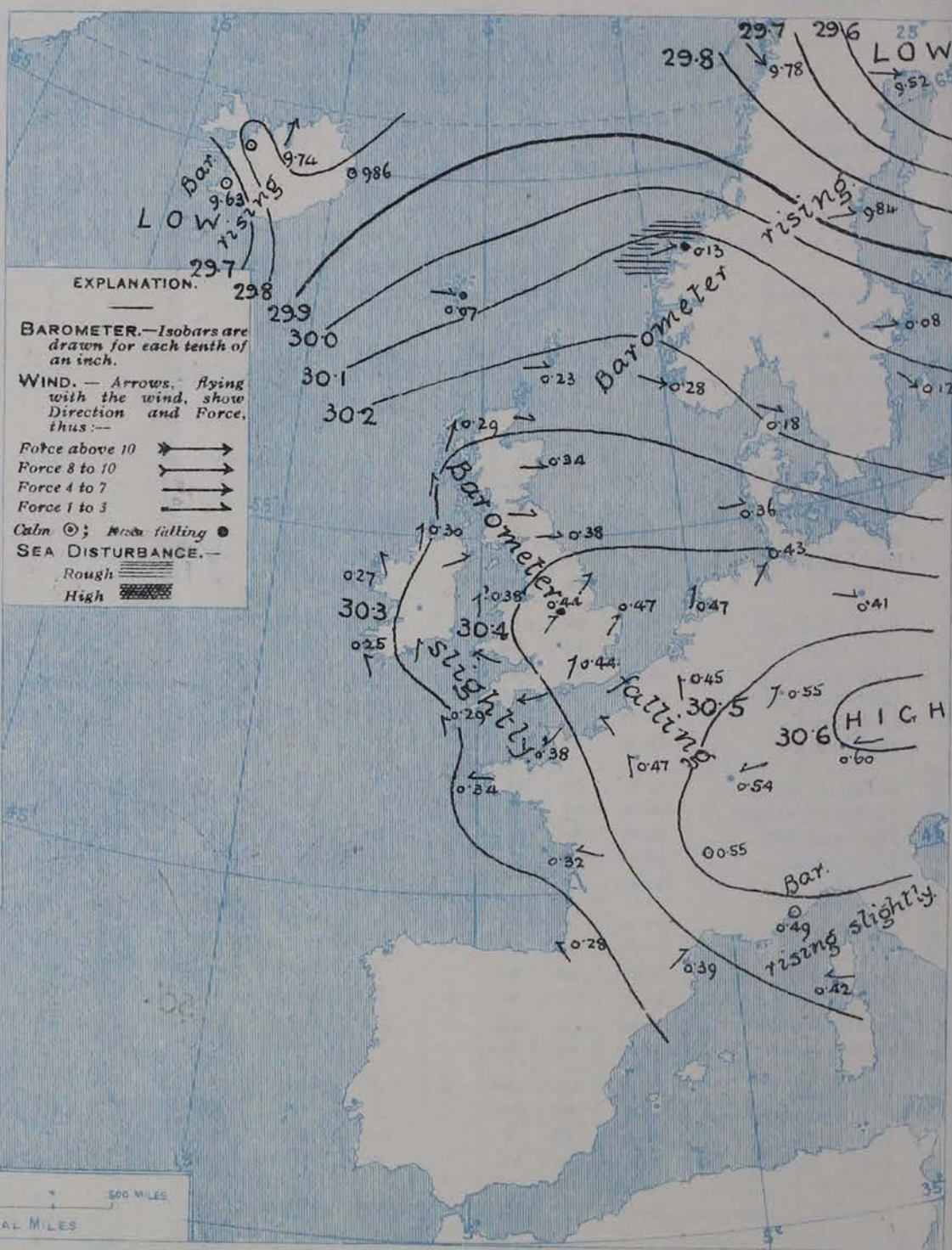
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
NOVEMBER-DECEMBER.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Tuesday,

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

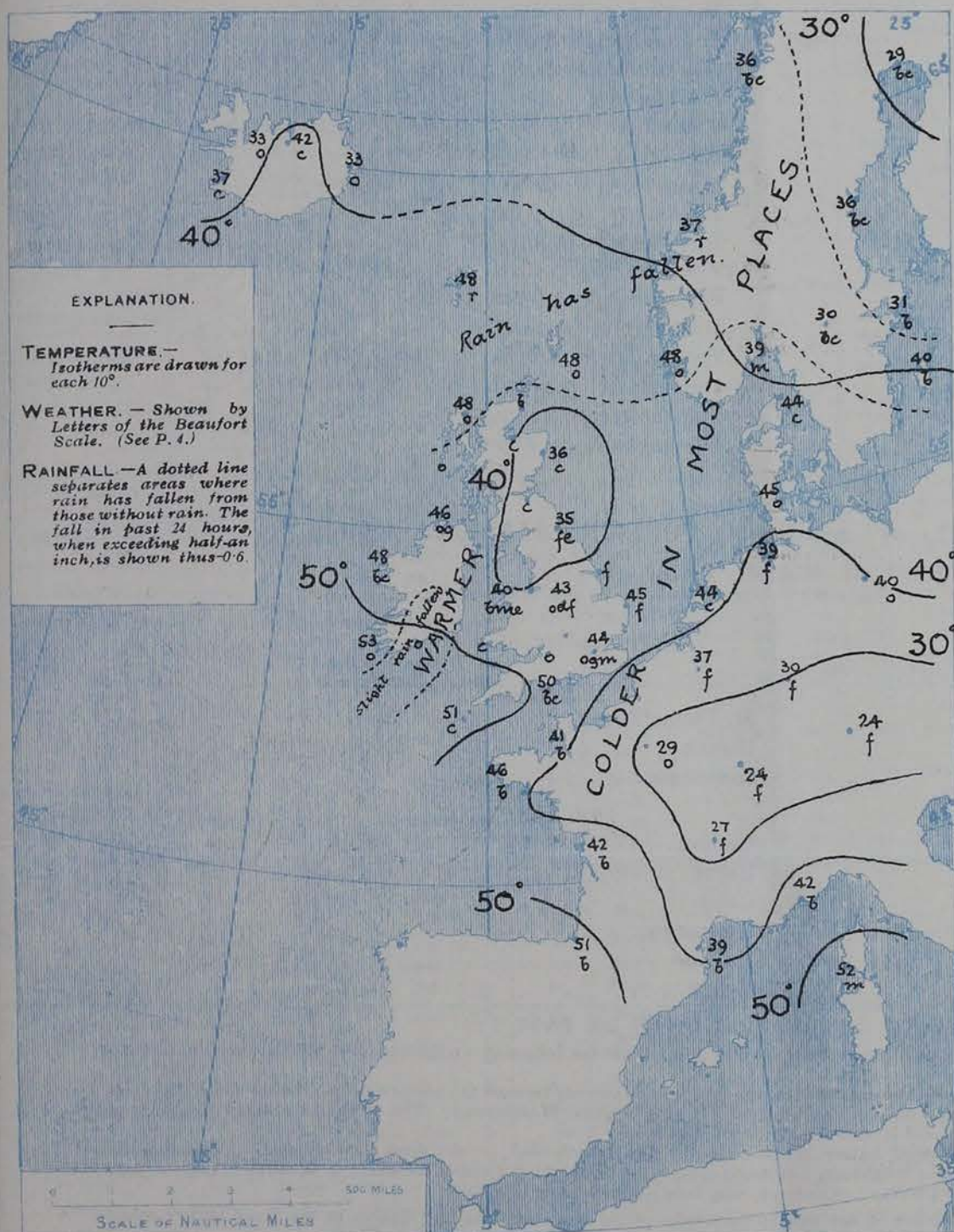
The recent Arctic disturbance is passing away across the White Sea region, and nearly the whole of our area is covered by a high-pressure system having its central space over Bavaria, where the barometer is at 30.6 ins. Over the greater part of England, pressure exceeds 30.4 ins. The gradient is moderate to very slight.

Westerly breezes prevail over the northern half of Britain and beyond the North Sea, southerly on our western coasts, south-easterly in France, but very variable over England. Very few stations report so much as a moderate breeze. Temperature has risen rather decidedly over Ireland and in the Iceland region, fallen in most other districts; at the home stations the values range from 35° at Shields to 53° at Talavera, over Scandinavia from 29° at Apatanda to 48° at Skudenes; over western Europe from 24° at Munich to 51° at Biarritz. In Iceland from 33° to 42°. The sky is clear in the west of France and southern Sweden, but generally it is very cloudy or overcast, with rain at Thorshavn and Christiansund, and much mist or fog over England and thence across to Bavaria. The sea is rather rough off Christiansund, but on all other coasts it is moderate to very smooth.

CHARTS

1st December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

In most parts of the United Kingdom temperature rose above 50° yesterday, to 56° at Loughry and Valencia. Only a few stations report very light showers. In several localities there was no bright sunshine, the records elsewhere ranging upwards to 5.1 hours at Aberdeen, and 7.8 hours at Jersey.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

Although the barometer exhibits a very slight downward tendency in many localities there are no indications of any considerable change in the situation, and the anticyclone is, therefore, likely to maintain its influence through 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 } Light Westerly to South Westerly breezes; fine to cloudy, local mist.
1 } mild to moderate temperature.

2 } Very light variable breezes;
3 } dull generally, much mist or
4 } fog in many places; mild.
5 }

6 } Light variable Easterly to
7 } southerly breezes; cloudy, some
8 } mist or fog in places; mild.
9 }
10 }

WESTERN CHANNEL AND BAY

Light to moderate Easterly to southerly breezes; sea smooth to moderate; generally fair or fine, some mist or fog banks; mild.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

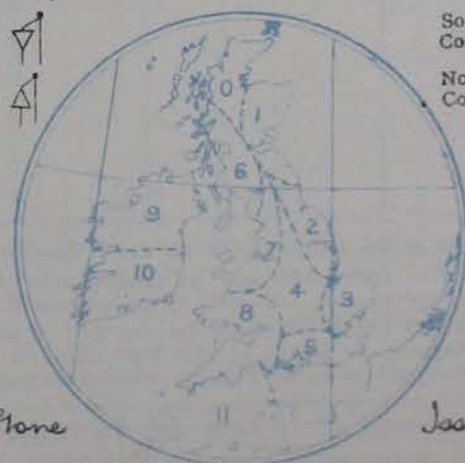
Signals hoisted this morning.

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.			
Dublin (City), to 4 p.m....	46	31	bc, c	*	-	Brighton, to 6 p.m.	51	41	*	0.0	-
Rossall Beach, to 6 p.m....	45	28	cm, f, c	*	0.01	Eastbourne, to 6 p.m. ...	54	47	*	2.4	-
Blackpool, to 9 p.m.	46	29	of, bf, o	0.8	0.01	Bexhill-on-Sea, to 9 p.m. ...	54	?	m	4.5	0.01
Southport, to 9 p.m.	44	30	of	-	-	Hastings	*	*	*	2.3	-
Rhyl, to 6 p.m.	50	43	*	3.2	-	Folkestone, to 6 p.m. ...	52	41	c, bc, m	0.1	-
Colwyn Bay, to 6 p.m. ...	47	32	m, bc, b	3.5	-	Ramsgate, to 6 p.m. ...	*	*	*	0.4	-
Elandudno, to 9 p.m. ...	45	35	c, bc, c	2.0	-	Margate, to 6 p.m. ...	53	44	f	1.2	0.01
Bettws-y-Coed, to 6 p.m.	41	29	b, bc, c	0.8	*	Felixstowe, to 6 p.m. ...	51	46	-	0.0	0.03
Towyn, to 6 p.m.	*	*	*	*	*	Lowestoft, to 6 p.m. ...	48	45	f	0.0	-
Aberystwyth, to 6 p.m....	51	42	*	2.5	-	Skegness, to 6 p.m....	44	38	c, bc, m	0.5	-
Plymouth, to 9 p.m. ...	57	48	b, bc	7.1	-	Scarborough, to 9 p.m. ...	47	32	c	2.5	-
Torquay, to 6 p.m....	56	50	*	2.4	-	Harrogate, to 6 p.m. ...	44	30	bc, b	2.2	-
Weymouth, to 6 p.m. ...	54	51	bc, c	4.2	-	Buxton, to 6 p.m. ...	47	26	f, of	0.6	-
Bournemouth to 6 p.m....	52	50	o, bc, f	0.6	-	Darwen, to 9 p.m. ...	45	34	bc, of	1.2	-
Southsea, to 6 p.m....	55	46	*	3.1	0.01	Manchester, to 9 p.m. ...	45	35	of, o	0.0	-
Worthing, to 6 p.m. ...	53	47	m, o, cm	0.0	-	Birmingham, to 9 p.m....	*	*	*	*	*

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 30th Nov. 1908	TEMPERATURE F.		WEATHER	RAIN. Ins.	STATIONS. 30th Nov. 1908	TEMPERATURE F.		WEATHER	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira	Observations not received.				St. Petersburg				
Marseilles					Utrecht				
Malta					Groningen				
Algiers									
Tunis									
Palermo					Geneva	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Naples					Berne				
Brindisi					Coire				
Florence					Castasegna				
Rome					Lugano				
Vienna					Davos				

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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

WIRELESS TELEGRAMS FROM SHIPS OF H.M. NAVY.

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

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
	°	°	Ins.				°	°	°	

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

1st & 2nd Dec. 1908.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth		7.42	11.42	3.43
Greenwich		7.43	11.42	3.42
Wick		7.45	11.49	3.54
Valencia		7.46	11.49	3.53
		8.38	12.1	3.25
		8.39	12.1	3.24
		8.28	12.30	4.32
		8.29	12.30	4.32

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FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the enquiry and reply Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (Director.)

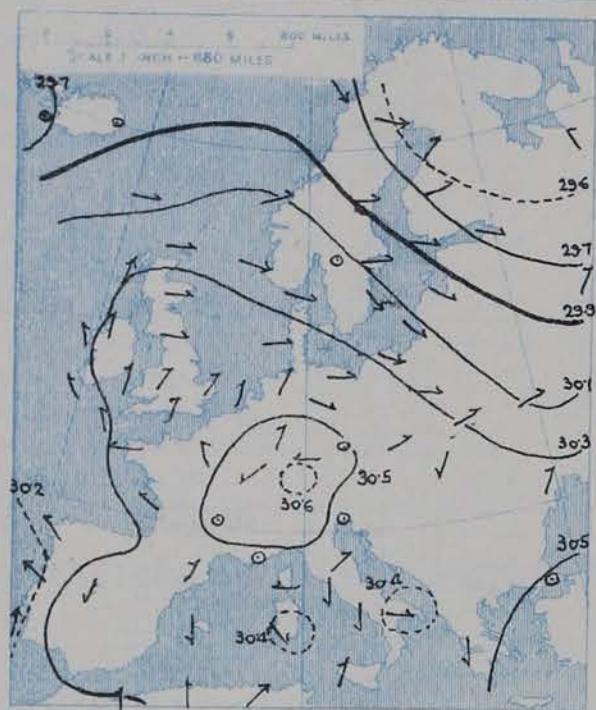
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,
2nd December, 1908.

		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.			BAROMETER.	TEMPERATURE.	WIND.								TEMP.				
STATIONS.		At 32° Fahr. and M.S.L.	Dry Bulb	Dirac.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Sun-shine.	Rainfall.
		Ins.	"				Ins.	Ins.	"	"	"						"	"		Hours.	Ins.
SCANDINAVIA.	Haparanda...	29.66	22	NW	4	b	29.64	+12	13	13	-16	2	0	b	*	32	?	*	*	*	
	Hernösand...	29.91	35	W	4	o	29.76	-08	30	30	-6	2	0	bc	*	37	32	*	*	*	0.08
	Stockholm...	30.04	30	WSW	4	b	29.74	-34	35	34	+4	W	2	c	*	26	30	*	*	*	-
	Wisby...	30.08	37	NW	4	c	29.82	-30	42	39	+2	WNW	4	o	*	43	36	*	*	*	-
	Karlstad...	30.08	28	Z	0	b	29.90	-27	28	28	-2	2	0	bc	*	*	*	b. f	*	*	-
	Færder (X'ania Fjord)	30.08	43	W	2	bc	29.92	+21	45	42	+6	WSW	2	c	2	43	39	*	*	*	-
	Bodö...	29.81	34	W	4	o	29.78	00	35	32	-1	NW	2	bc	1	36	32	*	*	*	0.71
ICELAND & FAEROE.	Christiansund...	29.93	47	WSW	8	r	30.00	-13	40	40	+3	NNW	2	r	5	46	37	*	*	*	0.04
	Skudesnaes...	30.25	46	NNW	4	c	30.13	-15	47	47	-1	NNW	6	o	2	48	46	o, c	*	*	-
	Reykjavik...	29.91	35	NE	1	bc	29.84	+21	38	*	+1	E	5	c	*	*	*	*	*	*	*
	Blönduós...	30.01	33	Z	0	c	29.99	+15	34	*	+1	SSW	1	r	*	*	*	*	*	*	*
BRITISH ISLANDS.	Seydisfjord...	29.97	41	SW	6	bc	30.15	+29	34	*	+1	ENE	5	o	*	*	*	*	*	*	*
	Thorshavn...	30.09	48	W	2	m	30.04	-03	47	*	-1	Z	0	r	*	*	*	*	*	*	*
	Sumburgh Head	30.22	49	W	3	o	30.11	-12	50	49	+2	W	3	o	3	50	46	o	*	*	0.02
	Stornoway...	30.25	49	SW	3	o	30.23	-06	51	51	+3	SW	3	o	3	51	47	odp, o, odp	0.0	0.09	
	Castlebay (Barra Id.)	30.26	51	S	2	op	30.26	-04	52	51	+2	WSW	2	om	3	52	50	om, op, om	0.0	0.03	
	Malin Head...	30.27	48	S	4	bc	30.27	-03	43	43	-3	S	3	bc	2	51	42	om, bc, m	*	*	0.01
	Blacksod Pt. ...	30.26	49	SSE	1	cy	30.25	-02	47	45	-1	SSW	1	bc	1	52	42	om, cy, bc	*	*	-
	Valencia...	30.27	52	SE	2	c	30.24	-01	49	47	-4	SE	2	o	4	57	43	c	0.3	-	-
	Roche's Point...	30.31	50	SSE	3	c	30.28	-04	49	46	-2	SSE	2	o	3	54	49	om, c, bc, o	*	*	-
	Birr Castle...	30.29	48	Z	0	bc	30.29	-02	42	41	-5	Z	0	o	1	51	42	bc, o	2.1	-	-
GERMANY, & C.	Donaghadee...	30.35	49	WSW	2	o	30.35	-02	43	43	-6	WSW	1	bc	1	51	42	bc, o	*	*	-
	Liverpool Obsy...	30.39	41	ESE	3	m	30.35	-06	35	35	-6	ESE	2	f	2	43	35	f	0.0	-	-
	Holyhead...	30.36	45	Z	0	cm	30.32	-06	45	45	+5	E	1	om	1	51	40	b, cm	*	*	-
	Pembroke (St. Ann's Hd.)	30.34	47	ESE	4	c	30.30	-05	42	41	-6	ENE	4	cm	3	49	41	cm	1.5	-	-
	Scilly (St. Mary's)	30.30	50	SE	2	o	30.26	-03	49	47	-2	ESE	2	o	2	53	48	c, o	3.0	-	-
	Jersey (St. Aubins)	30.34	45	E	2	b	30.31	-07	42	42	+1	E	3	b	3	49	40	bc, cm	6.8	-	-
	Portland Bill...	30.34	51	E	4	bc	30.32	-06	50	49	0	ESE	4	c	3	52	48	bc	5.5	-	-
	Dungeness...	30.38	45	SSE	2	bc	30.35	-08	41	39	-5	SW	2	o	2	50	39	bc, w, c	2.4	0.01	-
	Dover...	30.43	41	NE	1	b	30.39	-07	39	38	-3	SSE	1	o	3	49	37	f, bc, b, o	4.9	-	-
	Wick...	30.25	45	W	1	bc	30.21	-08	49	47	+7	W	1	c	1	49	36	-	*	*	0.01
FRANCE.	Nairn...	30.30	43	Z	0	b	30.24	-08	48	46	+8	WSW	1	b	1	49	39	cy, c, bc	1.7	-	-
	Aberdeen...	30.32	37	WNW	1	b	30.26	-08	40	39	+4	WNW	1	o	2	44	33	c, bc, z, c, o	0.9	-	-
	Leith...	30.35	44	W	2	bc	30.30	-08	46	45	+10	W	2	c	*	49	36	m, bc, b, bc	*	*	-
	North Shields...	30.35	41	WSW	2	fe	30.32	-06	37	37	+2	SW	2	fe	2	43	31	fe	*	*	-
	Spurn Head...	30.39	40	SW	2	f	30.35	-06	35	35	-8	SW	1	f	2	43	35	f	*	*	-
	Yarmouth...	30.41	41	Z	0	f	30.40	-07	34	34	-11	WSW	2	of	3	46	33	m, f	0.0	0.02	-
	Clacton-on-Sea...	30.43	41	N	2	f	30.39	-02	45	45	+3	NNW	1	fe	*	45	39	ogm, bc, m	0.6	-	-
	Nottingham...	30.42	40	SW	2	fe	30.38	-06	34	34	-9	SW	2	fe	*	43	33	fe	0.0	-	-
	Bath...	30.41	44	E	1	o	30.36	-07	41	40	-2	Z	0	o	*	48	38	-	2.2	-	-
	Oxford...	30.44	40	Z	0	o	30.41	-06	37	36	-4	S	2	o	*	42	37	o, m	*	*	-
SPANISH PENIN.	London (St. James's Pk)	30.43	43	SE	1	om	30.38	-06	39	38	-5	S	1	b	*	44	39	ogm, om	0.0	-	-
	The Scaw (Skagen)	30.13	45	WNW	4	bc	30.02	-16	46	44	+2	WNW	5	c	1	46	43	*	*	*	-
	Fanö...	30.30	42	SW	2	o	30.24	-12	43	42	-2	WNW	4	bc	*	46	41	*	*	*	-
	Cuxhaven†...	30.40	41	SW	2	o	30.31	-12	44	42	+5	NW	2	o	*	45	39	*	*	*	-
	The Helder...	30.43	47	SW	1	c	30.39	-08	44	44	0	SW	1	o	*	46	43	*	*	*	-
	Brussels...	*	*	*	*	*	30.42	-03	28	28	-9	Z	0	f	*	52	27	*	*	*	-
	Berlin†...	30.39	40	WNW	2	o	30.29	-12	40	34	0	WNW	2	o	*	41	37	*	*	*	0.04
	Frankfurt†...	30.52	32	SW	4	f	30.49	-06	28	28	-2	SW	4	f	*	32	27	*	*	*	-
	Munich†...	30.58	27	SE	2	f	30.55	-05	23	100	-1	NW	2	f	*	30	23	*	*	*	-
	C. Gris Nez...	30.39	40	Z	0	m	30.40	-03	32	32	-5	E	2	f	2	52	30	*	*	*	-
GERMANY, & C.	La Hève...	30.38	32	E	4	f	30.34	-14	29	28	-5	E	3	f	3	36	27	*	*	*	-
	Brest...	30.32	49	S	1	m	30.28	-06	46	46	0	ESE	1	m	2	50	45	*	*	*	-
	Lorient...	30.27	42	E	3	m	30.24	-06	44	44	+4	E	5	f	4	46	39	*	*	*	-
	Rochefort...	30.30	51	SSE	1	b	30.29	-03	46	46	+4	SSE	3	b	*	59	45	b	*	*	-
	Biarritz...	30.27	62	SE	3	b	30.29	+01	54	51	+3	Z	0	c	2	68	50	*	*	*	-
	Paris...	30.45	30	E	1	f	30.42	-05	27	27	-2	E	1	f	*	32	27	*	*	*	-
	Belfort...	30.51	28	ENE	4	m	30.41	-13	28	28	+4	ENE	4	m	*	34	23	*	*	*	-
	Lyons...	30.52	32	N	1	f	30.48	-07	32	32	+5	Z	0	o	*	32	27	*	*	*	-
	Nice...	30.43	50	E	2	bc	30.39	-10	46	40	+4	Z	0	b	2	55	43	*	*	*	-
	Perpignan...	30.33	51	Z	0	b	30.35	-04	41	40	0	SW	1	b	*	63	40	*	*	*	-
SPANISH PENIN.	Sanguinaire...	30.41	50	E	1	b	30.38	-04	52	51	0	E	2	m	2	63	50	*	*	*	-
	Corunna...																				
SPANISH PENIN.	Lisbon...																				
	Azores (P. Delgada)...																				
SPANISH PENIN.	Horta...	29.74	58	WSW	5	clr	29.83	-08	55	51	-6	Z	0	c	3	64	55	*	*	*	0.16

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

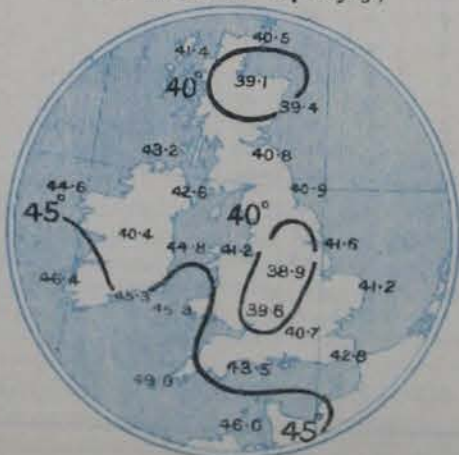
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



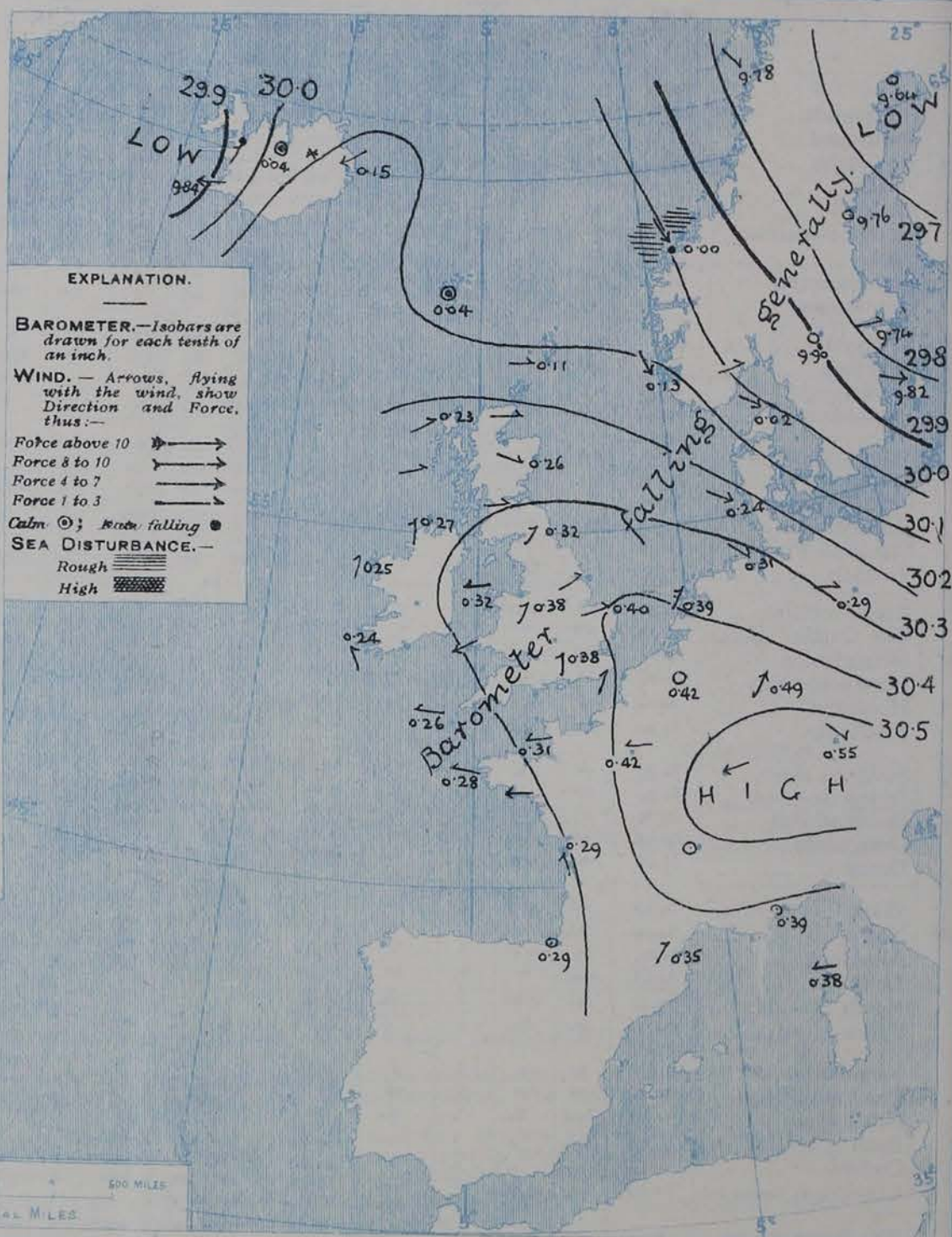
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
NOVEMBER-DECEMBER.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Wednesday.

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

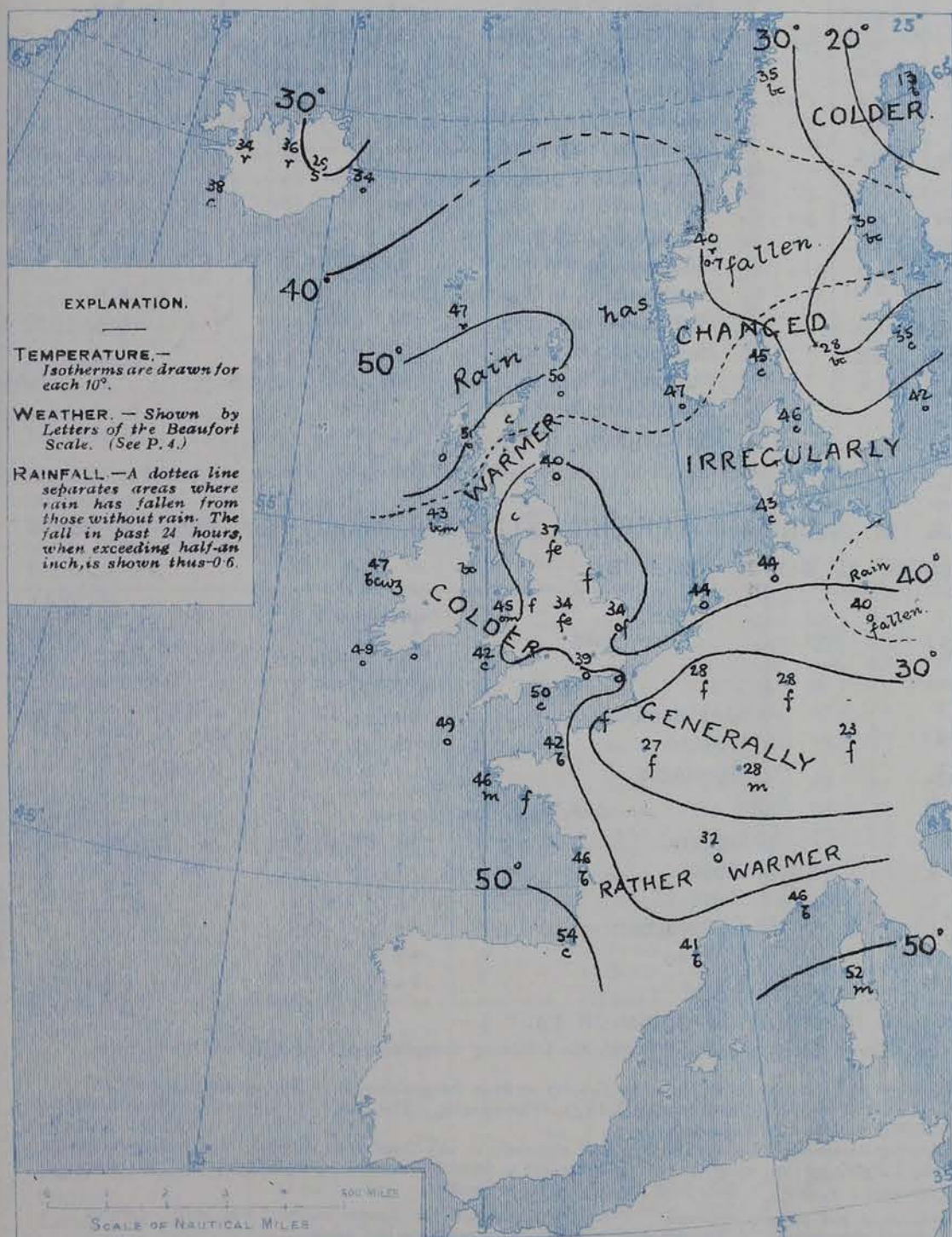
The high pressure system centred over Southern Germany still occupies the western half of Europe, but its intensity shows a slight reduction, the barometer at Munich being now 30.55 ins. Another anticyclone seems to be moving down across Iceland, where pressure has increased to about 30.2 ins. Scandinavia is under the influence of a depression situated over Lapland, the barometer at Haparanda reading 29.64 ins. The gradient is moderate to slight.

Winds from westerly directions prevail over the northern half of our area, Easterly to South-Easterly in the southern half, but the force is nearly everywhere gentle to very light. Temperature has changed irregularly. At the home stations the values range from 34° at Nottingham and Yarmouth to 52° at Barra; in Scandinavia from 13° at Haparanda to 47° at Skudenes; over western Europe from 23° at Munich to 54° at Biarritz; and in Iceland from 29° to 38°. In a few isolated situations the sky is cloudless, but generally it is very cloudy or overcast, rain is falling at Christiansund and Thorshavn, and the atmosphere is misty to very foggy in many parts of England, France and Germany. The sea is rather rough off Christiansund, slight to very smooth elsewhere.

CHARTS

2nd December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 50° and upwards at most of our southern, western and far northern stations, to 57° at Valencia, but in the eastern districts the maxima were lower than of late, below 45° in places, only 39° at Harrogate. Only Shields reports slight frost in the night. The duration of bright sunshine was very variable, none at several stations, while some had more than five hours, Jersey, Rhyl and Colwyn Bay about 6 3/4 hours.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The variations of pressure in our neighbourhood are again very slight, and they afford no indication of a material change in the general weather 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 } Light W. (S.W. to N.W.) breezes;
fair, cloudy, local mist and showers;
temperature moderate to mild.
- 1 }
- 2 } Light Variable breezes;
- 3 } cloudy to dull, much mist or fog
- 4 } in many places, rather damp;
- 5 } cool to moderate temperature.
- 6 } Same as Nos. 0 & 1.
- 7 } Same as Nos. 2 to 5.
- 8 } Light to moderate breezes
- 9 } between E. and S.; cloudy to dull,
- 10 } misty locally; moderate temperature.

II WESTERN CHANNEL AND BAY

E. to S. breezes, moderate to light; sea slight to smooth; fair 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.

Signals hoisted this morning.

South
Cone.

South
Cone.

North
Cone.

North
Cone.



None

Issued

Wednesday, 2nd December, 1908.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	45	37	c, b, z	Hrs.	Ins.	Brighton, to 6 p.m. ...	48	45	*	Hrs.	Ins.
Rossall Beach, to 6 p.m....	43	35	f	*	-	Eastbourne, to 6 p.m. ...	54	43	*	2.4	-
Blackpool, to 9 p.m. ...	44	40	of, o, f	0.0	-	Bexhill-on-Sea, to 9 p.m.	49	45	e	3.1	-
Southport, to 9 p.m. ...	46	39	o, f	0.0	0.02	Hastings	*	*	*	3.5	*
Rhyl, to 6 p.m.	51	34	*	6.7	-	Folkestone, to 6 p.m. ...	50	39	m, bc, b	5.1	-
Colwyn Bay, to 6 p.m. ...	45	36	m, b, bc	6.6	-	Ramsgate, to 6 p.m. ...	*	*	*	4.6	-
Llandudno, to 9 p.m. ...	52	38	bc, c	6.0	-	Margate, to 6 p.m.	49	41	f, b	3.8	-
Bettws-y-Coed, to 6 p.m.	46	34	bc, c, b	4.7	*	Felixstowe, to 6 p.m. ...	44	41	-	0.0	0.01
Towyn, to 6 p.m.	55	35	b, bc, b	5.9	-	Lowestoft, to 6 p.m. ...	48	40	of, f	0.0	-
Aberystwyth, to 6 p.m....	49	39	*	4.3	-	Skegness, to 6 p.m....	45	42	m, f	0.0	0.02
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	43	36	o	0.0	-
Torquay, to 6 p.m....	54	50	*	4.0	-	Harrogate, to 6 p.m. ...	39	32	bf, f	0.0	0.03
Weymouth, to 6 p.m. ...	52	47	c, bc, b	5.5	-	Buxton, to 6 p.m.					
Bournemouth to 6 p.m. ...	51	43	bc, b	3.8	-	Darwen, to 9 p.m.	43	36	ofe, bc	1.8	0.02
Southsea, to 6 p.m....			*			Manchester, to 9 p.m. ...					
Worthing, to 6 p.m. ...	48	44	bc, c, o	2.9	-	Birmingham, to 9 p.m....	46	37	f	-	-

STATIONS. 1st Dec. 1908.				TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 1st Dec. 1908.				TEMPERATURE F.		WEATHER.	RAIN. Ins.
				Max.	Min.							Max.	Min.		
Madeira	not	received.			St. Petersburg	34	30	r. s	0.04
Marseilles	59	46	o. o	-	Utrecht	46	43	m. f	-
Malta	64	56	b. b	-	Groningen	45	32	f. f	-
Algiers	70	55	bc. b	-	30th Nov. 1908.				1.30 p.m.	1.30 p.m.	Measured 7.30 a.m.	
Tunis	72	45	b. b	-	Geneva	34	*	m	-
Palermo	63	44	b. b	-	Berne	27	*	m	-
Naples	56	46	b. c	-	Coire	36	*	b	-
Brindisi	59	42	b. bc	-	Castasegna	39	*	b	-
Florence	39	30	f. f	-	Lugano	46	*	b	-
Rome	58	32	b. b	-	Davos	34	*	b	-
Vienna	41	30	b. c	-								

(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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.

(c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.

(d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

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

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.
	Lat.	Long.		Direc.	Force.		Air.		Sea.	
							Dry Bulb.	Wet Bulb.		
	°	°	Ins.				°	°	°	

2nd & 3rd Dec. 1908.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.42 7.45	11.42 11.43	3.42 3.41
Greenwich	7.46 7.48	11.49 11.50	3.53 3.52
Wick	8.39 8.41	12.1 12.2	3.24 3.23
Valencia	8.29 8.31	12.30 12.31	4.32 4.31

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the enquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,
3rd December, 1908

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9).	TEMP.		Weather.	Sun-shine.	Rainfall.		
		At 32° Fahr. and M.S.L.	Dry Bulb.	Force (0 to 12).	At 32° Fahr. and M.S.L.		Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Max.		Min.						
																Weather.				Weather.	Weather.
		Ins.					Ins.	Ins.	°	°	°					°	°		Hours.	Ins.	
SCANDINAVIA.	Haparanda...	29.74	16	N	2	bc	29.90	+26	19	19	+6	N	2	c	*	23	14	*	*	*	
	Hernösand ...	29.89	28	z	0	b	29.95	+19	23	23	-7	N	2	b	*	30	25	*	*	*	
	Stockholm ...	29.93	31	NW	4	b	29.96	+22	26	24	-9	NW	4	o	*	39	28	*	*	*	
	Wisby...	29.92	37	N	6	bc	29.95	+13	35	32	-7	NNW	6	bc	*	43	34	*	*	*	
	Karlstad ...	30.07	31	z	0	b	30.14	+24	27	26	-1	NW	4	b	*	*	*	*	*	*	
	Færder (X'ania Fjord)	30.03	42	NE	4	c	30.18	+26	38	35	-7	NNW	2	c	1	45	36	*	*	*	
	Bodö ...	29.93	32	E	2	c	30.13	+35	32	30	-3	NE	2	b	1	36	30	*	*	*	
	Christiansund ...	30.19	37	z	0	o	30.31	+31	35	35	-5	W	1	c	4	39	35	*	*	0.08	
ICELAND & FAEROE.	Skudesnaes ...	30.08	46	NNW	4	m	30.18	+05	37	36	-10	N	2	b	2	46	36	r, m	*	0.28	
	Reykjavik ...	29.93	40	E	3	c	29.82	-02	42	*	+4	SSW	3	c	*	*	*	*	*	*	
	Blönduós ...	30.08	33	z	0	o	30.01	+02	35	*	+1	z	0	o	*	*	*	*	*	*	
	Seydisfjord...	30.18	36	E	1	o	30.20	+05	34	*	0	z	0	f	*	*	*	*	*	*	
BRITISH ISLANDS.	Thorshavn ...	30.19	45	z	0	r	30.19	+15	46	*	-1	z	0	m	*	*	*	*	*	*	
	Sumburgh Head	30.19	49	ESE	1	o	30.25	+14	43	43	-7	ESE	1	o	3	51	42	o	*	0.10	
	Sternoway ...	30.27	51	SW	2	o	30.21	-02	48	48	-3	z	0	o	0	53	47	odpm, om	0.3	0.01	
	Castlebay (Barra Id.)	30.27	48	SE	3	om	30.19	-07	47	45	-5	SE	4	o	4	52	46	odm, om	0.0	-	
	Malin Head ...	30.23	42	S	3	bc	30.15	-12	41	41	-2	SE	5	bc	3	48	40	bc	*	-	
	Blacksod Pt. ...	30.18	45	SE	2	bc	30.08	-17	47	45	0	SE	3	bc	2	52	42	bc	*	-	
	Valencia ...	30.17	46	ESE	2	bc	30.05	-19	54	50	+5	SE	4	o	4	54	46	o, c, bc	0.6	-	
	Roche's Point ...	30.22	49	S	2	cm	30.16	-12	51	49	+2	S	2	o	3	51	48	om, c, bc, o	*	-	
	Birr Castle ...	30.23	42	SSE	1	c	30.16	-13	44	43	+2	SSE	1	o	*	49	36	o, c, o	0.7	-	
	Donaghadee ...	30.29	47	ENE	3	o	30.25	-10	46	44	+3	E	3	c	2	48	40	bc, om, bc	*	-	
	Liverpool Obsy...	30.32	34	SE	1	f	30.29	-06	36	35	+1	ESE	2	f	1	37	33	-	*	-	
	Holyhead ...	30.27	43	S	1	cm	30.24	-08	42	42	-3	S	1	om	1	45	37	o, cm	*	-	
	Pembroke	30.25	45	ENE	3	o	30.21	-09	49	49	+7	ESE	4	om	4	50	39	cm, ogm, d	0.0	0.02	
	(St. Ann's Hd.)																				
	Scilly (St. Mary's)	30.21	50	SE	2	c	30.18	-08	50	48	+1	SSE	1	o	2	52	49	og, c	0.0	-	
	Jersey (St. Aubins)	30.26	45	ESE	2	o	30.25	-06	49	48	+7	SW	1	o	0	49	41	ogm, o	5.6	-	
	Portland Bill ...	30.27	49	ESE	3	og	30.25	-07	48	46	-2	ENE	4	og	4	51	46	o, og	0.0	-	
	Dungeness ...	30.32	41	NNE	2	o	30.27	-08	38	37	-3	N	3	o	3	42	36	c	0.0	-	
	Dover ...	30.36	37	WNW	1	o	30.30	-09	38	37	-1	NNW	1	o	0	40	36	o	0.0	-	
	Wick ...	30.28	49	N	1	c	30.23	+02	49	48	0	z	0	c	2	52	47	bc, c, og	0.0	0.02	
	Nairn ...	30.28	50	z	0	o	30.23	-01	40	39	-8	z	0	m	1	51	39	bc, c, og	0.0	-	
	Aberdeen ...	30.29	47	z	0	o	30.27	+01	44	44	+4	z	0	o	2	48	39	c, og, o	0.0	-	
	Leith ...	30.29	46	W	1	o	30.26	-04	38	38	-8	NE	1	c	*	49	36	bc, om	*	-	
	North Shields	30.28	37	WNW	2	fe	30.26	-06	37	37	0	z	0	fe	2	42	32	fe	*	-	
Spurn Head ...	30.30	35	SW	1	f	30.28	-07	33	33	-2	SW	2	f	2	39	32	cm, f, x	*	-		
Yarmouth ...	30.34	41	W	2	f	30.30	-10	35	35	+1	W	2	f	2	42	33	f	0.0	-		
Clacton-on-Sea ...	30.36	37	WNW	2	o	30.31	-08	38	38	-7	NW	1	o	0	45	36	ogm	0.0	-		
Nottingham ...	30.32	35	SW	2	m	30.29	-09	38	38	+4	SW	1	m	*	39	33	fe, m	0.0	-		
Bath ...	30.30	44	NE	1	o	30.29	-07	43	42	+2	SE	1	o	*	45	41	-	0.0	-		
Oxford ...	30.34	42	z	0	o	30.32	-09	41	40	+4	E	2	od	*	43	37	o	*	-		
London (St. James's Pk)	30.34	44	E	2	m	30.30	-08	39	37	0	SSE	1	om	*	44	38	gm, o, om	0.0	-		
GERMANY, &c.	The Scaw (Skagen)	30.00	46	NW	2	o	30.17	+15	39	35	-7	NE	3	o	1	48	39	*	*	0.08	
	Fanö ...	30.16	45	NW	4	o	30.14	-10	47	43	+4	NNW	4	o	*	46	43	*	*	*	
	Cuxhaven†...	30.26	45	W	3	o	30.17	-14	47	49	+3	W	4	o	*	45	43	*	*	*	
	The Helder ...	30.34	45	SW	2	m	30.29	-10	43	43	-1	WSW	1	o	0	32	29	*	*	*	
	Brussels ...	*	*	*	*	*	30.34	-08	30	30	+2	z	0	f	*	46	41	*	*	*	
	Berlin†...	30.22	45	W	3	o	30.10	-19	43	40	+3	WNW	3	o	*	32	27	*	*	*	
	Frankfurt†...	30.41	28	SW	1	f	30.35	-14	27	27	-1	z	0	f	*	32	27	*	*	*	
	Munich† ...	30.46	30	z	0	b	30.36	-19	34	37	+11	SW	3	c	*	37	23	*	*	*	
FRANCE.	C. Gris Nez ...	?	37	S	1	o	?	?	35	35	+3	z	0	f	0	36	32	*	*	-	
	La Hève ...	30.35	32	E	3	f	30.31	-03	?	?	?	z	0	f	2	36	28	*	*	-	
	Brest ...	30.26	50	SE	1	m	30.23	-05	50	50	+4	E	2	o	4	52	48	*	*	-	
	Lorient ...	?	47	E	2	f	?	?	48	48	+4	E	3	o	5	?	?	*	*	-	
	Rochefort ...	30.26	50	SSE	3	z	30.35	+06	45	45	-1	SSE	2	o	*	57	43	b, o	*	-	
	Biarritz ...	30.26	60	S	1	z	30.25	-04	57	51	+3	S	1	o	2	68	54	*	*	-	
	Paris ...	30.36	30	E	1	f	30.31	-11	28	28	+1	E	1	f	*	31	27	*	*	-	
	Belfort...	30.37	38	ENE	3	m	30.32	-09	37	35	+9	z	0	m	*	44	32	*	*	-	
SPANISH PENIN.	Lyons ...	30.39	41	NNW	2	o	30.36	-12	35	35	+3	NNW	1	f	1	57	43	*	*	-	
	Nice ...	30.29	49	z	0	b	30.24	-15	44	41	-2	z	0	b	*	58	42	*	*	-	
	Perpignan ...	30.30	47	z	0	b	30.27	-08	44	43	+3	z	2	b	*	63	52	*	*	-	
	Sanguinaire ...	30.32	55	SE	3	m	30.23	-15	55	50	+3	E	3	o	2			*	*	-	
SPANISH PENIN.	Corunna ...																	*	*	-	
	Lisbon ...																	*	*	-	
	Azores (P. Delgada)...																	*	*	-	
„ Horta ...	30.05	56	W	3	bc	30.13	+30	57	55	+2	z	0	o	2	64	55	*	*	-		

SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

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

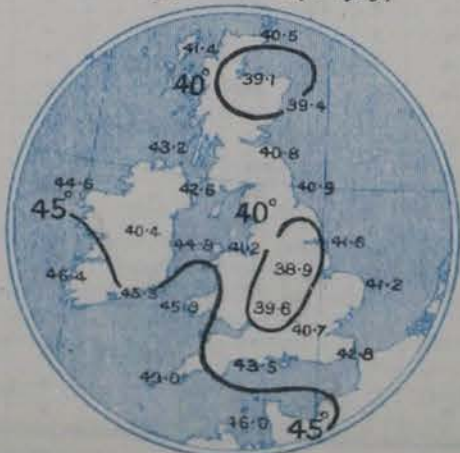
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



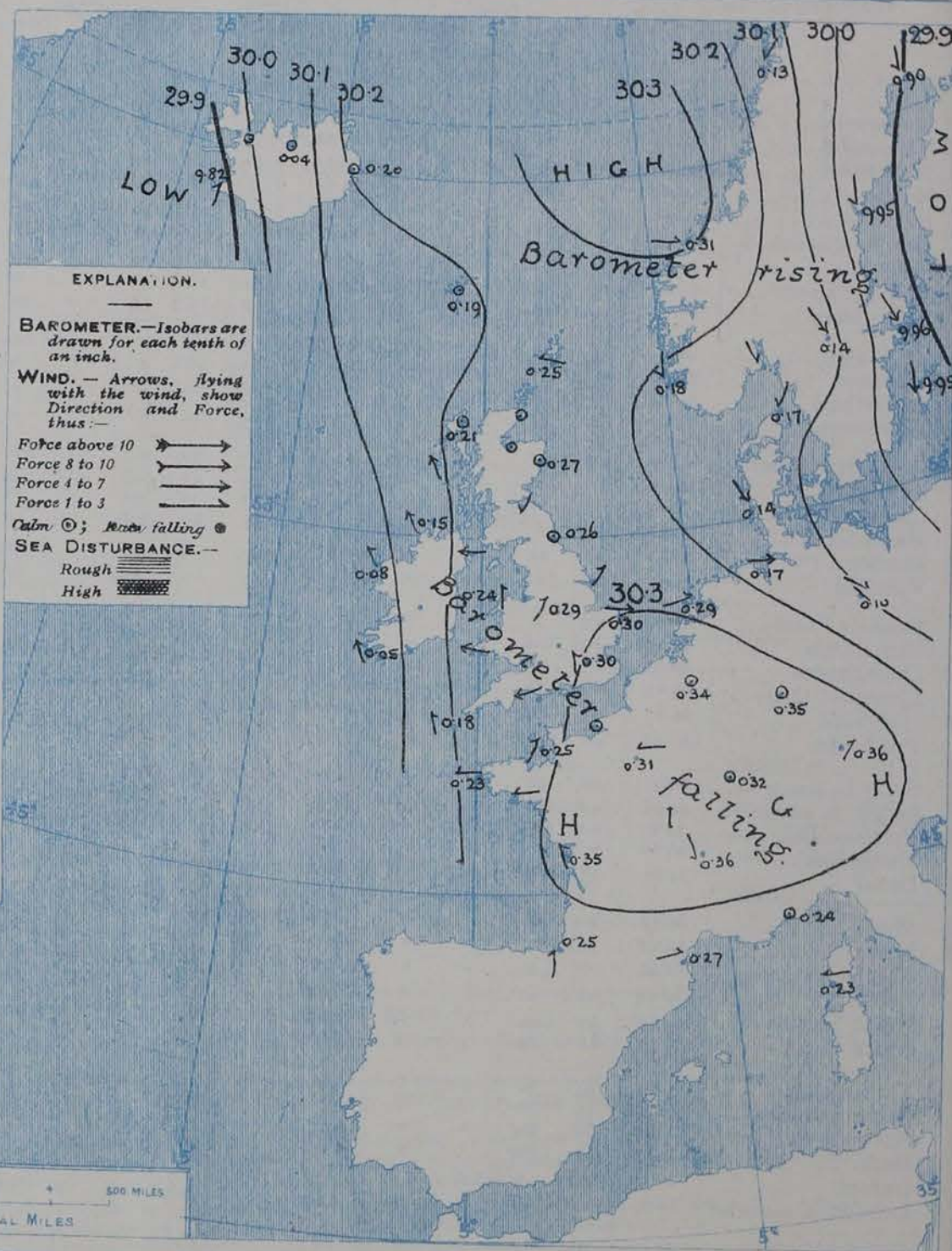
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
NOVEMBER-DECEMBER.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Thursday.

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

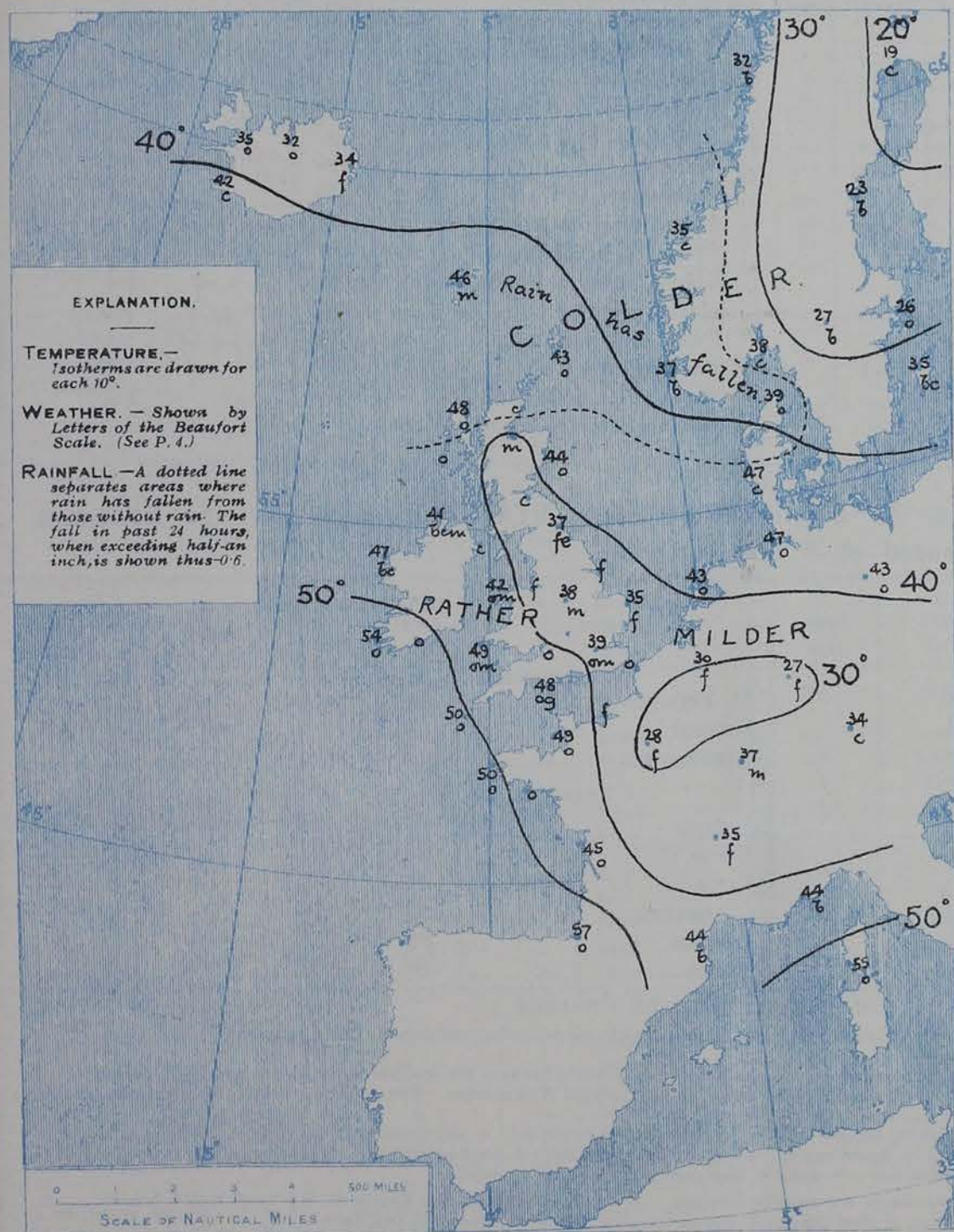
In an anticyclone covering the western portion of the Continent, and in another off the Norwegian coast the barometer is above 30.3 ins. In low pressure systems to the westward of Iceland and over Russia the barometer is below 29.9 ins. The gradient is slight generally.

Southerly and South-Easterly breezes prevail on our own western coasts, Northerly and North-Westerly beyond the North Sea, but over the rest of our area calms and very light variable breezes are reported. The temperature changes are everywhere irregular. Over the British Isles the readings range from 33° at Spurn Head to 54° at Valencia; in Scandinavia from 19° at Haparanda to 38° at Foerder; over western Europe from 27° at Frankfurt to 57° at Biarritz; in Iceland from 32° to 42°. The sky is clear in the south of France and locally in Scandinavia, but generally it is very cloudy or overcast, with dull or gloomy weather in places, and a good deal of mist or fog in most parts of England and over the region from Havre to Frankfurt. The sea is moderate to very smooth on all coasts.

CHARTS

3rd December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 50° and upwards at several western and northern stations, to 54° at Valencia, but in other districts many of the maxima were below 45°, at Liverpool 37°, and at Skiesness and Manchester 35°. At the great majority of stations there was no bright sunshine, but Darwin reports 3.8 hours, and Jersey 5.6 hours.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The barometer continues to give way in nearly all parts of Western Europe, but there are still no signs of a change in the general weather conditions now prevalent.

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 } Calms and light Variable breezes; cloudy, misty locally.
- 1 } some showers in places; mild
- 2 } Calms and light Variable breezes; dull, mist or fog in many places; temperature below the normal.
- 3 }
- 4 }
- 5 }
- 6 } Same as Nos. 8 to 10.
- 7 } Same as Nos 2 to 5.
- 8 } Light to moderate E. to S. breezes; cloudy, misty locally; moderate temperature.
- 9 }
- 10 }

II WESTERN CHANNEL AND BAY

Light to moderate E. to S. breezes; sea slight or smooth; cloudy, dull, 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.

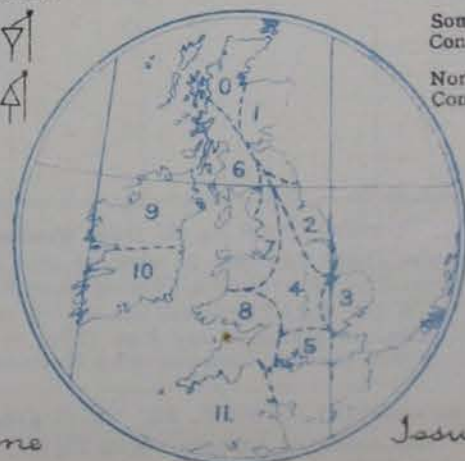
Signals hoisted this morning.

South Cone.

North Cone.

South Cone.

North Cone.



None

Issued.

DAILY WEATHER REPORT.

Thursday, 3rd December, 1908.

TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	44	35	f, w, c, o	Hrs.	Ins.	Brighton, to 6 p.m. ...	47	42	*	Hrs.	Ins.
Rossall Beach, to 6 p.m....	41	34	f	*	-	Eastbourne, to 6 p.m. ...	45	41	*	0.0	-
Blackpool, to 9 p.m. ...	41	34	of	0.0	-	Bexhill-on-Sea, to 9 p.m.	46	40	c	0.0	-
Southport, to 9 p.m. ...	41	33	of, of	0.0	-	Hastings ...	*	*	*	0.0	*
Rhyl, to 6 p.m. ...	41	33	*	0.0	-	Folkestone, to 6 p.m. ...	44	37	c, o	0.1	-
Colwyn Bay, to 6 p.m. ...	41	36	m, ben	0.0	-	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Llandudno, to 9 p.m. ...	44	38	ben, m	0.0	-	Margate, to 6 p.m. ...	39	36	o, m	0.0	0.01
Bettws-y-Coed, to 6 p.m.					*	Felixstowe, to 6 p.m. ...	41	37	-	0.0	0.01
Towyn, to 6 p.m. ...	46	29	o, c, bc, o	3.6	-	Lowestoft, to 6 p.m. ...	43	33	f, om	0.0	-
Aberystwyth, to 6 p.m....	47	35	*	3.0	-	Skegness, to 6 p.m....	35	34	f, m	0.0	-
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	40	33	o, c, of	3.0	-
Torquay, to 6 p.m....	52	48	*	0.0	-	Harrogate, to 6 p.m. ...	44	26	f, bf, f	1.3	-
Weymouth, to 6 p.m. ...	50	45	o	0.0	-	Buxton, to 6 p.m. ...	40	27	f, bef, bf	2.7	-
Bournemouth to 6 p.m....	49	42	o	0.0	-	Darwen, to 9 p.m. ...	48	29	bef, of	3.8	-
Southsea, to 6 p.m....	48	42	*	0.0	-	Manchester, to 9 p.m. ...	35	32	of	0.0	-
Worthing, to 6 p.m. ...	47	42	m, o, c	0.1	-	Birmingham, to 9 p.m....	40	32	f	0.0	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 2nd December 1908	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 2nd December 1908	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira ...	68	57	bc, c	-	St. Petersburg ...	34	28	o, c	-
Marseilles ...	61	50	o, b	-	Utrecht ...	48	37	o, f	-
Malta ...	64	51	bc	-	Groningen ...	45	32	f, o	-
Algiers ...	81	55	b, bc	-	1st December, 1908.				
Tunis ...	72	45	b, b	-	Geneva ...	30	*	f	Measured 7.30 a.m.
Palermo ...	64	46	b, r	-	Berne ...	27	*	m	-
Naples ...	55	47	b, b	-	Coire ...	36	*	b	-
Brindisi ...	57	41	b, b	-	Castasegna ...	39	*	b	-
Florence ...	39	32	f, f	-	Lugano ...	46	*	b	-
Rome ...	57	33	b, b	-	Davos ...	34	*	b	-
Vienna ...	43	36	b, 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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

WIRELESS TELEGRAMS FROM SHIPS OF H.M. NAVY.

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

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
	°	°	Ins.				°	°	°	

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

3rd & 4th Dec. 1908.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.45	11.43	3.41
Greenwich	7.46	11.43	3.40
Wick	7.48	11.50	3.52
Valencia	7.49	11.50	3.52
		8.41	12.2	3.23
		8.43	12.2	3.22
		8.31	12.31	4.31
		8.32	12.31	4.30

TERMS OF SUBSCRIPTION for the Daily Weather Report, forwarded by Book Post, £1 per annum, payable quarterly in advance.

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FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the enquiry and reply Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (Director.)

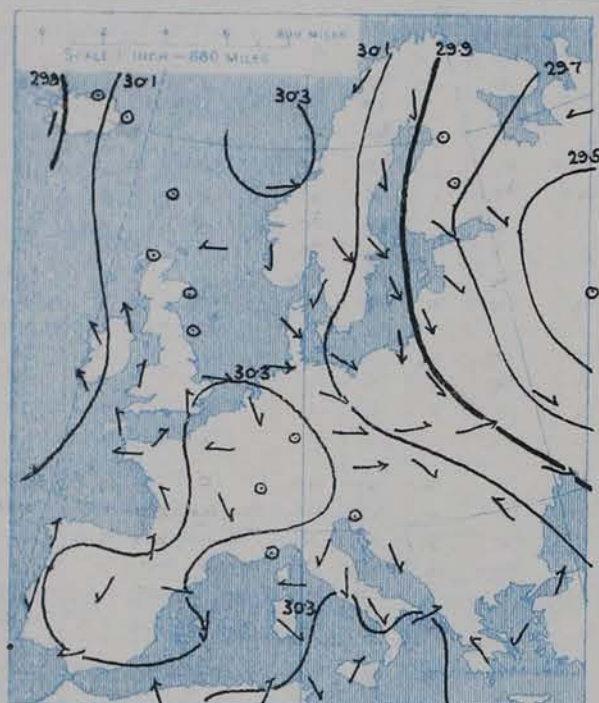
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,
4th December 1908

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.	Dry Bulb			Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.		Change since Yesterday.	Dir.				Force (0 to 12).	Max.	Min.
Ins.		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.			
SCANDINAVIA.	Haparanda...	30.05	12	N	4	o	30.17	+2.7	3	3	-16	Z	0	b	*	19	23	*	*	-	
	Hernösand...	30.15	20	N	2	b	30.19	+2.4	19	17	-4	Z	0	bc	*	28	19	*	*	-	
	Stockholm...	30.12	27	NW	2	b	30.17	+2.1	22	21	-4	WNW	2	o	*	30	22	*	*	-	
	Wisby...	30.07	35	NNW	8	o	30.15	+2.0	32	30	-3	N	8	o	*	37	30	*	*	-	
	Karlstad...	30.28	26	WNW	2	b	30.32	+1.8	19	18	-8	NW	2	bc	*	*	*	*	*	-	
	Færder (X'ania Fjord)	30.30	36	NNW	4	b	30.32	+1.4	31	28	-7	NW	1	b	1	39	30	*	*	-	
	Bodø...	30.14	28	E	2	b	30.21	+0.8	26	24	-6	E	2	b	1	32	21	*	*	-	
ICELAND & FAEROE.	Christiansund...	30.30	34	2	0	bc	30.30	-0.1	36	33	+1	W	1	c	4	36	34	*	*	0.43	
	Skudesnaes...	30.28	37	2	0	b	30.28	+1.0	41	40	+4	SSE	6	o	2	41	36	*	*	-	
	Reykjavik...	29.63	43	S	5	c	29.28	-5.4	43	*	+1	SSE	7	r	*	*	*	*	*	*	
	Blönduós...	29.83	39	2	0	c	29.43	-5.8	40	*	+5	S	3	bc	*	*	*	*	*	*	
BRITISH ISLANDS.	Seydisfjord...	30.03	35	2	0	f	29.67	-5.3	41	*	+7	SW	2	o	*	*	*	*	*	*	
	Thorshavn...	30.15	46	2	0	f	29.93	-2.6	46	*	0	SE	4	r	*	*	*	*	*	*	
	Sumburgh Head	30.25	43	S	1	o	30.14	-1.1	47	46	+4	S	2	o	2	47	42	o	*	0.01	
	Stornoway...	30.17	46	WSW	2	bc	30.04	-1.7	48	48	0	SW	4	r	4	49	45	om, bc, odf	0.0	0.13	
	Castlebay (Barra Id.)	30.14	48	ESE	4	om	30.05	-1.4	50	49	+3	WNW	1	o	3	50	46	om, r, o	0.0	0.17	
	Malin Head...	30.06	45	SE	2	c	30.09	-0.6	48	48	+7	S	2	rm	2	48	39	om, eq, omp	*	0.05	
	Blacksod Pt.	30.05	49	SSE	3	r	30.12	+0.4	49	48	+2	WSW	3	b	2	50	42	om, or, or	*	0.19	
	Valencia...	30.06	54	SE	4	o	30.20	+1.5	47	46	-7	Z	0	b	4	55	47	om, cl, or, o	0.0	0.53	
	Roche's Point...	30.14	52	S	4	o	30.19	+0.3	46	46	-5	WNW	1	b	4	53	46	om, ond, b	*	0.17	
	Birr Castle...	30.12	49	SSE	3	c	30.16	0.0	46	45	+2	Z	0	b	*	51	43	o, r	0.4	0.16	
	Donaghadee...	30.21	48	ESE	2	r	30.15	-1.0	50	49	+4	SSW	2	r	1	50	44	o, om, od	*	0.08	
	Liverpool Obsy...	30.25	43	ESE	2	o	30.23	-0.6	42	41	+6	SE	3	o	2	44	36	o, og, bc	0.0	0.01	
	Holyhead...	30.23	48	S	1	om	30.18	-0.6	49	49	+7	S	2	apm	1	49	42	o	*	0.10	
	Pembroke (St. Ann's Hd.)	30.21	51	SE	4	o	30.17	-0.4	50	50	+1	SSE	5	rmu	5	52	47	om, c, o	1.3	0.15	
	Scilly (St. Mary's)	30.17	51	SSE	3	o	30.19	+0.1	51	48	+1	WNW	2	o	2	53	50	o	0.7	0.05	
Jersey (St. Aubins)	30.24	47	ESE	2	of	30.30	+0.5	47	47	-2	ESE	2	o	2	51	45	ogm, of, og	0.0	-		
Portland Bill...	30.26	48	E	2	bc	30.27	+0.2	50	48	+2	SE	3	o	3	51	46	c, bc	0.0	-		
Dungeness...	30.28	42	NE	3	o	30.29	+0.2	40	39	+2	NW	2	o	2	43	38	og	0.0	-		
Dover...	30.30	37	NNE	1	o	30.32	+0.2	39	38	+1	W	1	o	0	41	36	o	0.0	-		
GERMANY, & C.	Wick...	30.20	48	S	2	c	30.11	-1.2	44	42	-5	S	2	bc	2	50	40	-	*	0.08	
	Nairn...	30.19	38	2	0	f	30.11	-1.2	32	31	-8	Z	0	bc	1	43	30	m, e, m	0.0	0.01	
	Aberdeen...	30.24	46	SSW	2	o	30.18	-0.9	42	41	-2	SSW	1	o	2	49	40	f, bc, m, c, o	0.0	-	
	Leith...	30.24	40	WSW	2	c	30.18	-0.8	39	38	+1	E	1	o	*	43	35	bc, b, bc, m	*	-	
	North Shields	30.25	36	SSW	2	fe	30.23	-0.3	34	34	-3	Z	0	m	2	39	29	fe, m	*	-	
	Spurn Head...	30.28	33	WSW	2	f	30.28	0.0	39	38	+6	SSW	2	f	2	40	33	f, m	*	-	
	Yarmouth...	30.31	37	W	2	f	30.30	0.0	36	36	+1	W	2	bc	2	37	34	f	0.0	-	
	Clacton-on-Sea	30.32	38	WNW	2	o	30.33	+0.2	37	36	-1	SW	1	o	0	38	37	ogm	0.0	-	
FRANCE.	Nottingham...	30.29	40	SW	1	o	30.29	0.0	39	39	+1	SSW	1	am	*	41	37	o, f	0.0	-	
	Bath...	30.31	40	E	1	m	30.29	0.0	41	40	-2	NE	1	o	*	44	38	-	0.0	-	
	Oxford...	30.34	38	2	0	o	30.34	+0.2	36	36	-5	SSE	2	o	*	41	35	o	*	-	
	London (St. James's Pl)	30.31	40	2	0	om	30.33	+0.3	36	35	-3	WSW	1	o	*	41	35	ogm, am, o	0.0	-	
	The Scaw (Skagen)	30.27	38	NNE	3	b	30.34	+1.7	34	31	-5	Z	0	c	0	41	32	*	*	-	
	Fanø...	30.31	37	ESE	4	c	30.34	+2.0	30	29	-17	E	1	b	*	45	30	*	*	0.04	
	Cuxhaven†...	30.25	44	NW	2	o	30.33	+1.6	37	31	-10	SE	3	b	*	46	37	*	*	-	
SPANISH PENIN.	The Helder...	30.32	44	WSW	1	o	30.32	+0.3	37	37	-6	S	2	m	1	45	36	*	*	-	
	Brussels...	*	*	*	*	*	30.36	+0.2	28	28	-2	Z	0	f	*	33	27	*	*	0.12	
	Berlin†...	30.22	39	WNW	1	o	30.32	+2.2	32	30	-11	NW	2	b	*	46	32	*	*	-	
	Frankfurt†...	30.39	31	SW	1	f	30.36	+0.1	32	32	+5	NW	1	f	*	37	30	*	*	-	
	Munich†...	30.35	34	SW	3	b	30.36	0.0	34	34	0	SW	4	o	*	41	30	*	*	-	
	C. Gris Nez...	30.30	33	ENE	1	f	30.29	?	38	37	+3	Z	0	o	0	38	34	*	*	0.04	
	La Hève...	30.26	39	E	1	f	30.33	+0.2	41	39	?	E	1	m	2	41	37	*	*	0.04	
	Brest...	30.25	52	ESE	3	o	30.26	+0.3	54	54	+4	SE	3	f	5	54	50	*	*	-	
	Lorient...	30.23	48	E	3	o	30.26	?	49	49	+1	ESE	5	m	5	50	46	*	*	-	
	Rochefort...	30.26	51	2	0	f	30.34	?	44	44	-1	Z	0	f	*	55	45	f	*	-	
SPANISH PENIN.	Biarritz...																				
	Paris...	30.31	32	Z	0	f	30.34	+0.3	32	32	+4	Z	0	f	*	33	31	*	*	-	
	Belfort...																				
	Lyons...	30.33	34	NW	1	f	30.36	0.0	32	32	-3	NNW	1	f	*	39	31	*	*	-	
	Nice...	30.16	46	SE	1	c	30.17	-0.7	45	42	+1	SE	3	b	1	55	43	*	*	-	
	Perpignan...	30.23	50	2	0	bc	30.25	-0.2	54	50	+10	NW	3	b	*	59	48	*	*	-	
Sanguinaire...	30.18	55	W	2	o	30.14	-0.9	55	55	0	SE	2	o	3	61	54	*	*	0.12		
SPANISH PENIN.	Corunna...																				
	Lisbon...																				
	Azores (P. Delgada)...																				
Horta...	30.25	63	SW	2	o	30.28	+1.5	62	61	+5	WSW	2	o	2	63	?	*	*	-		

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

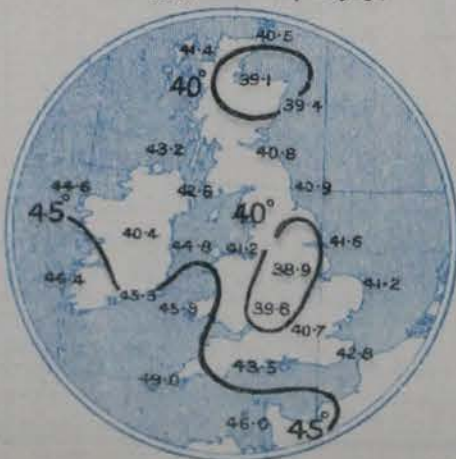
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



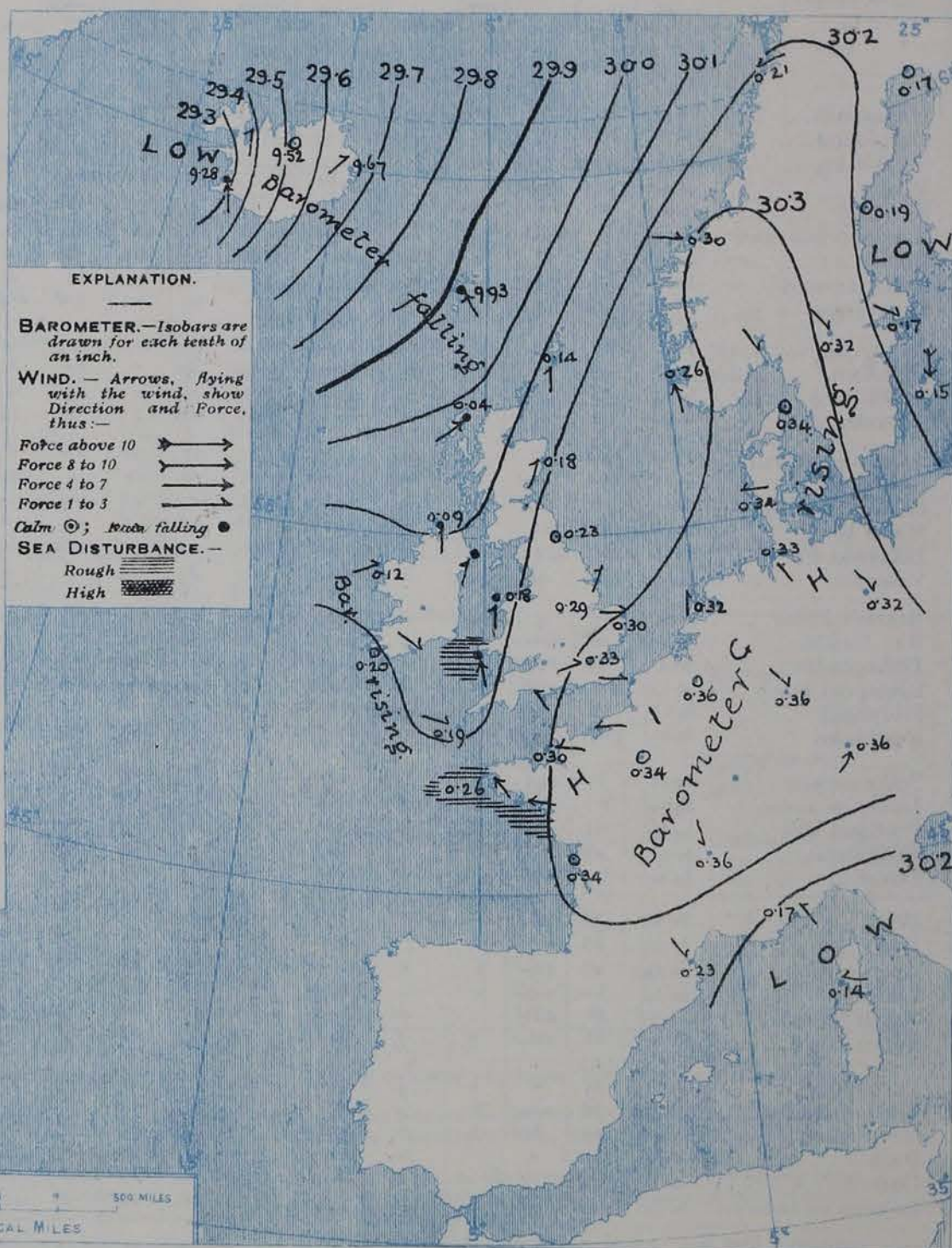
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
NOVEMBER-DECEMBER.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Friday.

WEATHER

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



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 ; *tender falling*
SEA DISTURBANCE.—
Rough
High

NOTES ON THE GENERAL SITUATION AT 7 A.M.

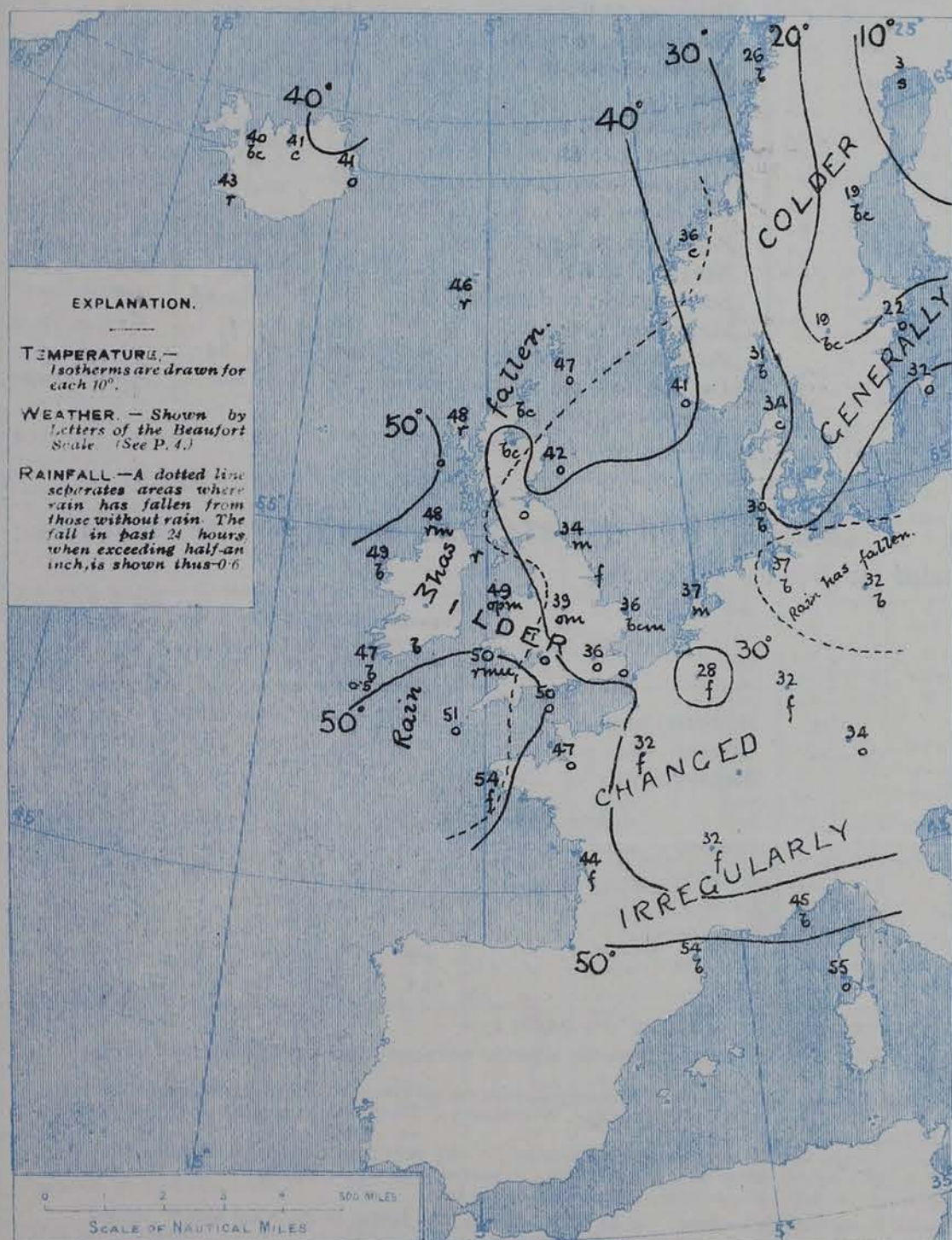
An increase of pressure is taking place over the Continental regions, and the anticyclone over France and Germany is expanding northward across Scandinavia. The barometer exceeds 30.3 ins. at numerous stations. A rapid decrease of pressure has occurred over the Iceland region, and a "V-shaped" secondary has extended southward as far as the mouth of the English Channel. The gradient is slight generally.

Calms and light variable breezes prevail in nearly all parts of the region under observation, but a fresh southerly breeze is reported at Pembroke, a strong southerly wind at Skudenes and a northerly gale at Wisby. Temperature continues to change irregularly. Over the British Isles the values range from 32° at Rain to 51° at Skilly, in Scandinavia from 3° at Haparanda to 41° at Skudenes; over Western Europe from 28° at Brussels to 54° at Brest and Perpignan; in Iceland from 37° to 43°. The sky is cloudless or nearly so in most parts of Ireland, along the south coast of France, and in various parts of Scandinavia and North Germany, in other regions it is mostly very cloudy or overcast, the atmosphere is misty or foggy in several parts of England, France, Belgium and Western Germany, and rain is falling at several stations between Pembroke and the Faeroe and in the south-west of Iceland. The sea is rather rough off Pembroke and on the upper part of the Bay of Biscay, moderate to very smooth elsewhere.

CHARTS

4th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

Temperature rose to 50° and upwards yesterday at many western and southern stations to 56° at Valencia, but in some parts of England the maxima were below 40°, at Harrogate as low as 30°. Light frost occurred in the night at Nairn and Shields. Rain has fallen in the north and west, ½ in. at Valencia. Foreign reports 2½ hours of bright sunshine, and Darwin 2 hours, nearly all other stations had none.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The secondary disturbance in the west will occasion showers generally in the course of the day, but in its rear pressure will increase again, with fairer weather, and in the western districts a decrease 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 } light S. breezes, veering W. light to moderate; changeable, some showers, fairer later; variable temperature.
- 1 }
- 2 }
- 3 } light S. breezes, veering W. or N.W.; dull, changeable, some mist or fog, passing showers, improving later; temperature below the normal.
- 4 }
- 5 }
- 6 }
- 7 } S. breezes, moderate or fresh locally, shifting W. or N.W.; changeable, some showers and mist, finer later; temperature moderate to cool.
- 8 }
- 9 }
- 10 }

WESTERN CHANNEL AND BAY

S. to W. or N.W. breezes, moderate or fresh at times; sea smooth to moderate, with N.W. swell; dull, some showers and fog; variable 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

Issues.

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.			
Dublin (City), to 4 p.m....	49	39	f. c.	*	-	Brighton, to 6 p.m. ...	40	39	*	0.0	-
Rossall Beach, to 6 p.m....	37	30	f	*	-	Eastbourne, to 6 p.m. ...	43	38	*	0.0	-
Blackpool, to 9 p.m. ...	43	30	f. om. o	0.0	-	Bexhill-on-Sea, to 9 p.m. ...	42	38	g. c	0.0	-
Southport, to 9 p.m. ...	43	33	of. o	0.0	-	Hastings ...	*	*	*	0.0	*
Rhyl, to 6 p.m. ...	46	37	*	0.0	-	Folkestone, to 6 p.m. ...	41	36	o. m	0.0	-
Colwyn Bay, to 6 p.m. ...	41	34	m. o. bc	0.0	-	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Llandudno, to 9 p.m. ...	46	34	m. c. om	0.0	-	Margate, to 6 p.m. ...	42	36	o	0.0	-
Bettws-y-Coed, to 6 p.m.	45	30	c	0.0	*	Felixstowe, to 6 p.m. ...	37	35	-	0.0	-
Towyn, to 6 p.m. ...	52	39	e. c. b. c	2.5	-	Lowestoft, to 6 p.m. ...	40	35	om. o	0.0	-
Aberystwyth, to 6 p.m. ...	49	42	*	1.5	-	Skegness, to 6 p.m. ...	40	36	m	0.0	0.01
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	37	31	of. c. of	0.5	-
Torquay, to 6 p.m. ...	52	48	*	0.0	-	Harrogate, to 6 p.m. ...	30	23	f	0.0	-
Weymouth, to 6 p.m. ...	48	44	o. c	0.0	-	Buxton, to 6 p.m. ...	40	22	f. bf	1.2	-
Bournemouth to 6 p.m. ...	49	39	f. o	1.0	-	Darwen, to 9 p.m. ...	42	28	of. bc. o	2.0	0.02
Southsea, to 6 p.m. ...	43	39	*	0.0	-	Manchester, to 9 p.m. ...					
Worthing, to 6 p.m. ...	40	38	m. o	0.0	-	Birmingham, to 9 p.m. ...	42	33	o. m	0.0	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS 3rd Dec. 1908	TEMPERATURE F.		WEATHER	RAIN. Ins.	STATIONS 3rd Dec. 1908	TEMPERATURE F.		WEATHER	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira ...	68	57	r. r	0.12	St. Petersburg ...	32	19	s. s.	0.12
Marseilles ...	61	46	o. b	0.08	Utrecht ...	37	30	f. f	-
Malta ...	66	53	bc	-	Groningen ...	45	41	m. f	-
Algiers ...	73	55	bc. b	-	2nd Dec. 1908. 1.30 p.m.				
Tunis ...	70	45	b. b	-	Geneva ...	36	*	f	Measured 7.30 a.m.
Palermo ...	63	44	b. b	-	Berne ...	32	*	m	-
Naples ...	56	44	b. b	-	Coire ...	34	*	b	-
Brindisi ...	58	41	b. b	-	Castasegna ...	36	*	b	-
Florence ...	42	40	f. o	0.04	Lugano ...	45	*	b	-
Rome ...	54	38	b. o	-	Davos ...	28	*	b	-
Vienna ...	45	39	bc. 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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

WIRELESS TELEGRAMS FROM SHIPS OF H.M. NAVY.

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

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.
	Lat.	Long.		Dirac.	Force.		Air.	Wet Bulb.	Sea.	
			Ins.				Dry Bulb.			

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

4th & 5th Dec. 1908.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth ...		7.46	11.43	3.40
Greenwich ...		7.47	11.44	3.40
Wick ...		7.49	11.50	3.52
Valencia ...		7.50	11.51	3.52
		8.43	12.2	3.22
		8.45	12.3	3.21
		8.32	12.31	4.30
		8.33	12.32	4.30

TERMS OF SUBSCRIPTION for the Daily Weather Report, forwarded by Book Post, £1 per annum, payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the enquiry and reply Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (Director.)

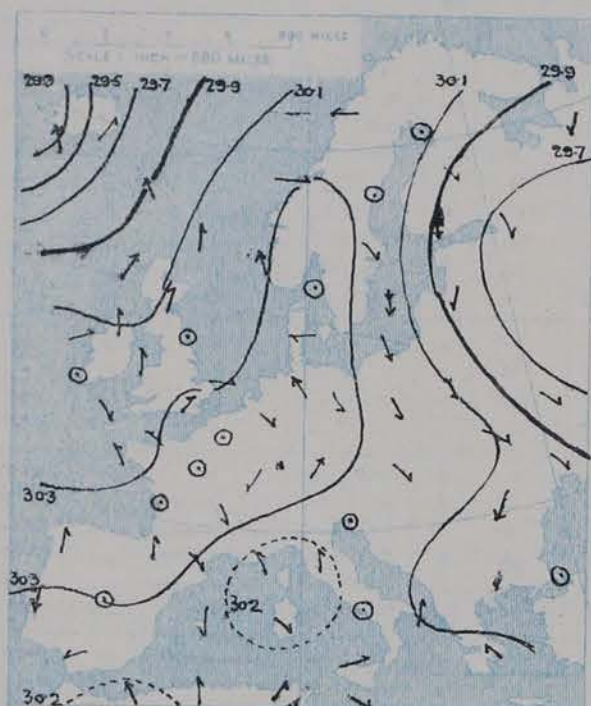
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Saturday,
5th December, 1908.

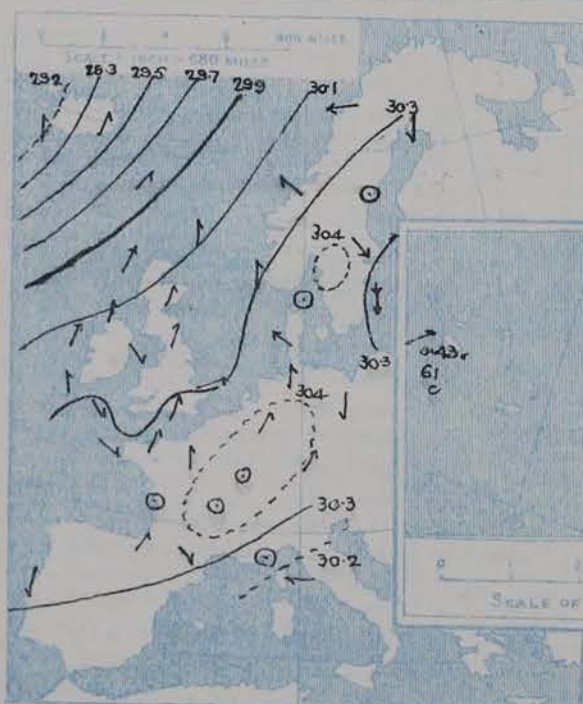
		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.			BAROMETER.	TEMPERATURE.	WIND.								TEMP.				
STATIONS.		At 82° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Sun-shine.	Rainfall.
		Ins.					Ins.	Ins.												Hours.	Ins.
SCANDINAVIA.	Haparanda...	30.31	-5	N	2	b	30.30	+1.3	-13	-13	-16	2	0	b	*	12	2-13	*	*	*	*
	Hernösand...	30.36	12	Z	0	b	30.41	+2.2	0	-2	-19	2	0	s	*	21	20	*	*	*	*
	Stockholm...	30.30	23	NW	4	c	30.37	+2.0	22	21	0	NW	2	0	*	28	19	*	*	*	*
	Wisby...	30.23	32	NNW	8	c	30.32	+1.7	30	28	-2	ENE	4	s	*	26	28	*	*	*	*
	Karlstad...	30.41	19	Z	0	b	30.43	+1.1	13	12	-6	N	2	b	*	*	*	*	*	*	*
	Færder (X'ania Fjord)	30.38	28	N	2	b	30.36	+0.4	29	27	-2	Z	0	0	0	32	27	*	*	*	*
	Bodö...	30.25	26	E	4	0	30.10	-1.1	31	27	+5	E	2	bc	1	31	23	*	*	*	*
ICELAND & FAEROE.	Christiansund...	30.25	33	SSE	2	bc	30.10	-2.0	35	30	-1	SE	1	c	3	36	32	*	*	*	*
	Skudesnaes...	30.30	41	S	2	c	30.21	-0.7	42	41	+1	SSE	6	0	4	42	39	0, c	*	*	*
	Reykjavik...	29.12	38	S	1	c	29.10	-1.8	36	*	-7	S	2	r	*	*	*	*	*	*	*
	Blönduós...	29.22	40	S	2	0	29.09	-3.4	37	*	-3	SW	3	bc	*	*	*	*	*	*	*
BRITISH ISLANDS.	Seydisfjord...	29.43	46	SSW	1	c	29.30	-3.7	42	*	+1	SSW	3	b	*	*	*	*	*	*	*
	Thorsbavn...	29.86	46	SW	3	c	29.70	-2.3	45	*	-1	WSW	4	c	*	*	*	*	*	*	*
	Sumburgh Head	30.07	47	S	2	0	29.92	-1.22	47	47	0	W	2	c	2	48	45	0	*	0.08	
	Stornoway...	30.02	49	SSW	5	c	29.87	-1.7	48	48	0	SW	3	0	3	50	46	0, b, bc, odp	1.8	0.10	
	Castlebay (Barra Id.)	30.06	51	SSW	5	om	29.88	-1.7	51	51	+1	SSE	2	r	3	52	49	0, c, bc, or	3.4	0.04	
	Malin Head...	30.11	47	S	3	0	29.87	-2.2	50	50	+2	S	6	gp	3	51	46	bc, 0, om	*	0.01	
	Blacksod Pt. ...	30.15	52	SSW	5	r	29.93	-1.9	52	52	+3	SSW	6	rm	5	53	43	bc, cd, odp	*	0.48	
	Valencia...	30.25	51	SSE	3	c	30.07	-1.3	53	52	+6	S	3	0	4	55	44	bc, c	2.6	0.03	
	Roche's Point...	30.29	49	W	1	c	30.17	-0.2	52	51	+6	SSW	3	0	4	52	45	bc, om, d	*	0.02	
	Birr Castle...	30.23	45	S	2	c	30.05	-1.1	51	49	+5	S	3	or	*	52	43	c, or	1.5	0.04	
	Donaghadee...	30.19	47	WNW	3	c	30.06	-0.9	48	48	-2	SSE	3	r	2	50	44	omd, p, d	*	0.10	
	Liverpool Obsy...	30.23	45	ESE	2	0	30.20	-0.3	47	45	+5	S	2	0	1	49	41	or, 0	0.0	0.06	
	Holyhead...	30.24	50	NW	3	c	30.14	-0.4	52	51	+3	WSW	4	c	3	52	46	r, c	*	0.07	
	Pembroke (St. Ann's Hd.)	30.28	51	WNW	3	bc	30.23	+0.6	52	49	+2	S	4	c	4	52	49	or, bc	1.5	0.04	
	Scilly (St. Mary's)	30.33	52	NW	2	bc	30.28	+0.9	50	47	-1	WSW	3	c	4	54	49	bc	5.2	-	
GERMANY, & C.	Jersey (St. Aubins)	30.32	50	SSW	2	rf	30.23	+0.3	41	41	-6	WNW	3	b	3	50	41	ogm, rf	0.3	0.03	
	Portland Bill...	30.27	52	ESE	2	f	30.28	+0.1	49	47	-1	WNW	2	b	4	52	47	r, f	0.0	0.10	
	Dungeness...	30.31	42	E	1	0	30.26	-0.3	49	48	+9	SSW	2	0	2	49	38	c, r, 0	0.0	0.04	
	Dover...	30.34	39	N	1	0	30.29	-0.3	47	47	+8	SW	1	0	0	47	37	0, or, 0	0.0	0.03	
	Wick...	30.08	46	S	1	bc	29.94	-1.7	47	45	+3	S	1	bc	2	50	42	-	*	0.10	
	Nairn...	30.09	41	Z	0	0	29.97	-1.4	47	44	+15	Z	0	c	1	47	32	p, c	0.3	0.03	
	Aberdeen...	30.14	43	SSW	1	b	30.03	-1.5	46	45	+4	SSW	1	c	2	47	39	omp, bc, op	0.0	0.04	
	Leith...	30.17	44	Z	0	4	30.05	-1.3	51	49	+12	SSW	2	0	*	51	38	0, op, c	*	0.01	
	North Shields	30.20	38	SSW	2	m	30.15	-0.8	43	43	+9	Z	0	0	?	?	?	cm, m, f	*	-	
	Spurn Head...	30.26	41	S	2	0	30.22	-0.6	44	44	+5	SW	2	f	2	44	38	om, f	*	-	
	Yarmouth...	30.30	37	SW	2	f	30.27	-0.3	43	43	+7	Z	0	f	2	43	35	0, f	0.0	0.05	
	Clacton-on-Sea...	30.33	41	SSW	2	0	30.27	-0.6	44	43	+7	SW	1	f	1	45	35	ogm, r	0.0	0.10	
	Nottingham...	30.26	43	SSW	1	0	30.23	-0.6	45	45	+6	SSW	1	f	*	46	38	rm, 0	0.0	0.06	
	Bath...	30.30	49	SW	1	m	30.29	0.0	36	36	-5	Z	0	f	*	49	35	-	0.0	0.04	
	Oxford...	30.32	45	S	1	0	30.29	-0.5	41	41	+5	WSW	2	f	*	46	36	or, c, bc	*	0.10	
	London (St. James's Pk)	30.32	44	SSW	1	r	30.27	-0.6	45	45	+9	Z	0	ogm	*	46	35	om, odn, r	0.0	0.05	
FRANCE.	The Scaw (Skagen)	30.37	35	Z	0	c	30.36	+0.2	34	32	0	Z	0	bc	0	37	30	*	*	*	*
	Fanö...	30.36	35	SE	4	bc	30.35	+0.1	35	34	+5	SE	4	c	*	37	28	*	*	*	*
	Cuxhaven†...	30.36	37	S	2	b	30.32	-0.1	35	30	-2	SE	4	0	*	41	35	*	*	*	*
	The Helder...	30.34	37	S	3	m	30.28	-0.4	40	40	+3	S	1	m	1	40	34	*	*	0.04	
	Brussels...	*	*	*	*	*	30.34	-0.2	36	36	+8	SW	1	f	*	36	27	*	*	0.04	
	Berlin†...	30.39	33	N	2	b	30.39	+0.7	28	92	-4	NW	2	f	*	39	28	*	*	*	*
	Frankfurt†...	30.42	30	SW	1	f	30.37	+0.1	32	96	0	S	1	f	*	34	28	*	*	*	*
SPANISH PENIN.	Munich†...	30.39	38	SW	4	0	30.36	0.0	35	96	+1	NW	2	c	*	39	34	*	*	*	*
	C. Gris Nez...	30.31	46	S	1	m	30.27	-0.2	43	43	+5	S	1	0	1	46	38	*	*	*	*
	La Hève...	30.29	41	SE	2	m	30.20	-0.3	40	39	-1	S	3	0	2	45	36	*	*	*	*
	Brest...	30.35	53	NW	2	c	30.27	+1.4	46	46	-8	E	2	b	5	54	34	*	*	0.04	
	Lorient...	30.32	55	SW	2	m	30.32	+0.6	48	48	-1	NE	2	m	5	55	48	*	*	*	*
	Rochefort...	30.39	45	Z	0	m	30.36	+0.2	50	50	+6	Z	0	0	2	59	46	m, 0	*	0.12	
	Biarritz...	30.36	56	SW	3	0	30.37	+0.6	49	49	-5	Z	0	m	2	59	46	*	*	*	*
	Paris...	30.40	36	S	2	0	30.34	0.0	36	36	+4	S	2	0	*	38	34	*	*	*	*
	Belfort...	30.33	33	Z	0	f	30.36	+0.3	31	31	+1	WSW	4	f	*	42	30	*	*	*	*
	Lyons...	30.43	38	NW	0	0	30.43	+0.7	36	36	+4	Z	0	0	2	57	43	*	*	*	*
SPANISH PENIN.	Nice...	30.21	48	Z	0	b	30.23	+0.6	46	39	+1	Z	0	b	*	63	46	*	*	*	*
	Perpignan...	30.27	56	NW	3	b	30.30	+0.5	49	45	-5	N	2	m	3	63	50	*	*	*	*
	Sanguinaire...	30.14	54	E	3	0	30.22	+0.8	53	51	-2	E	3	m	3	63	50	*	*	*	*
	Corunna...	30.31	56	N	3	b	30.34	+0.8	51	49	-2	NNE	4	b	*	59	50	*	*	*	*

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

7 A.M. YESTERDAY.



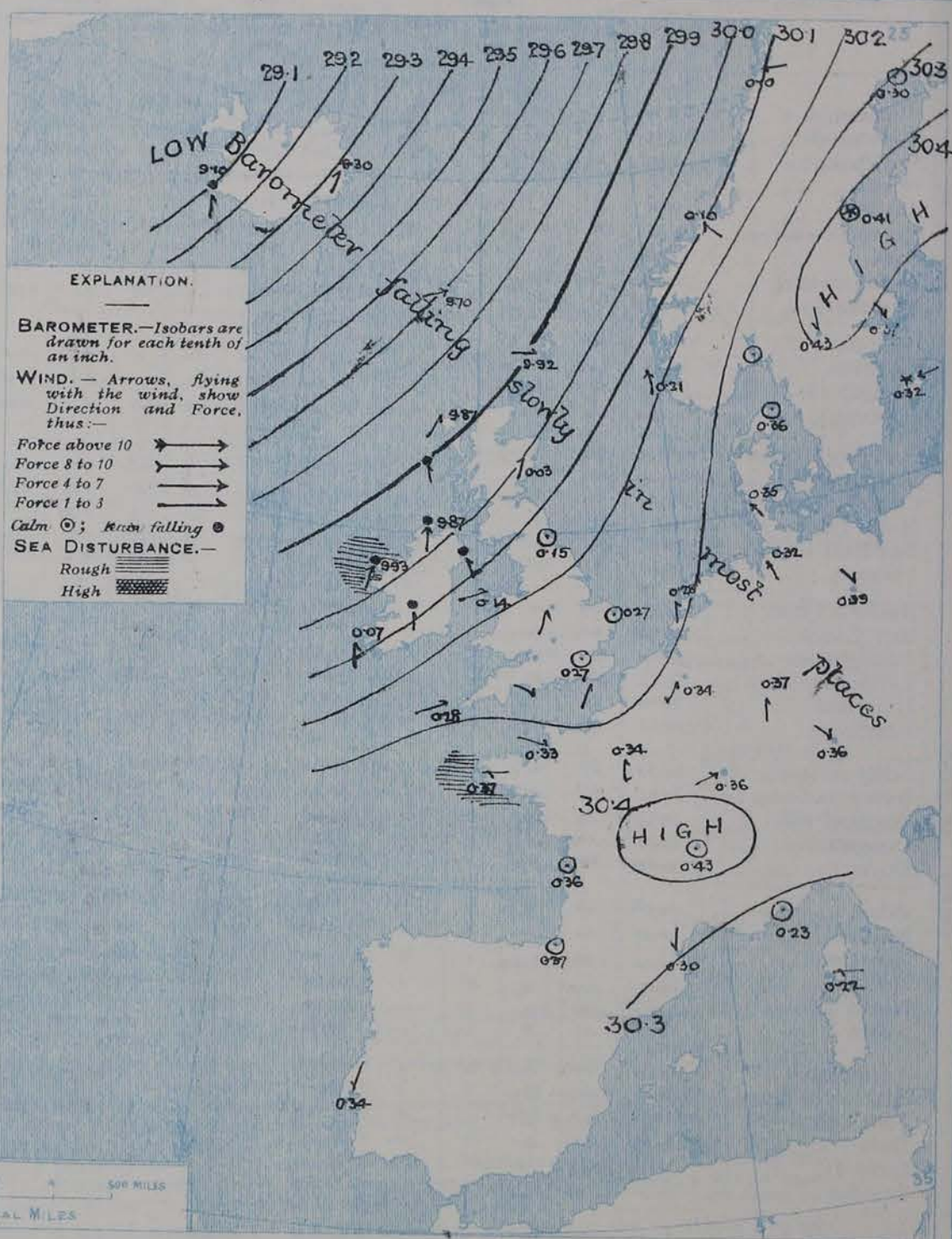
6 P.M. YESTERDAY



Saturday,

WEATHER

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



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 ○; Rain falling ○

SEA DISTURBANCE.—

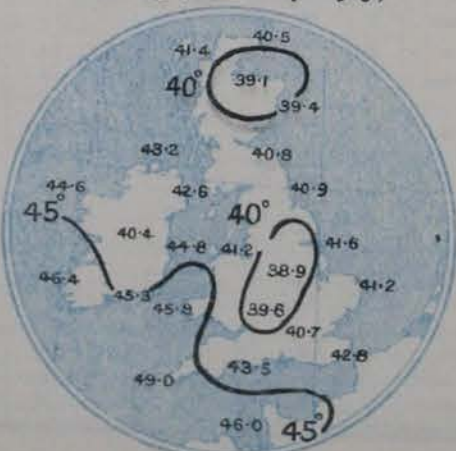
Rough
High

NOTES ON THE GENERAL SITUATION AT 7 A.M.

A great region of high pressure now extends from mid-Atlantic to the Peninsula, Germany and northern Europe, the barometer being above 30 ins. in the Azores and at some of the Swedish stations. In a depression centred between Iceland and Greenland the barometer is at about 29 ins. The British Isles occupy the middle region between these two systems. There is a considerable gradient over the Arctic seas, elsewhere it is moderate to slight.

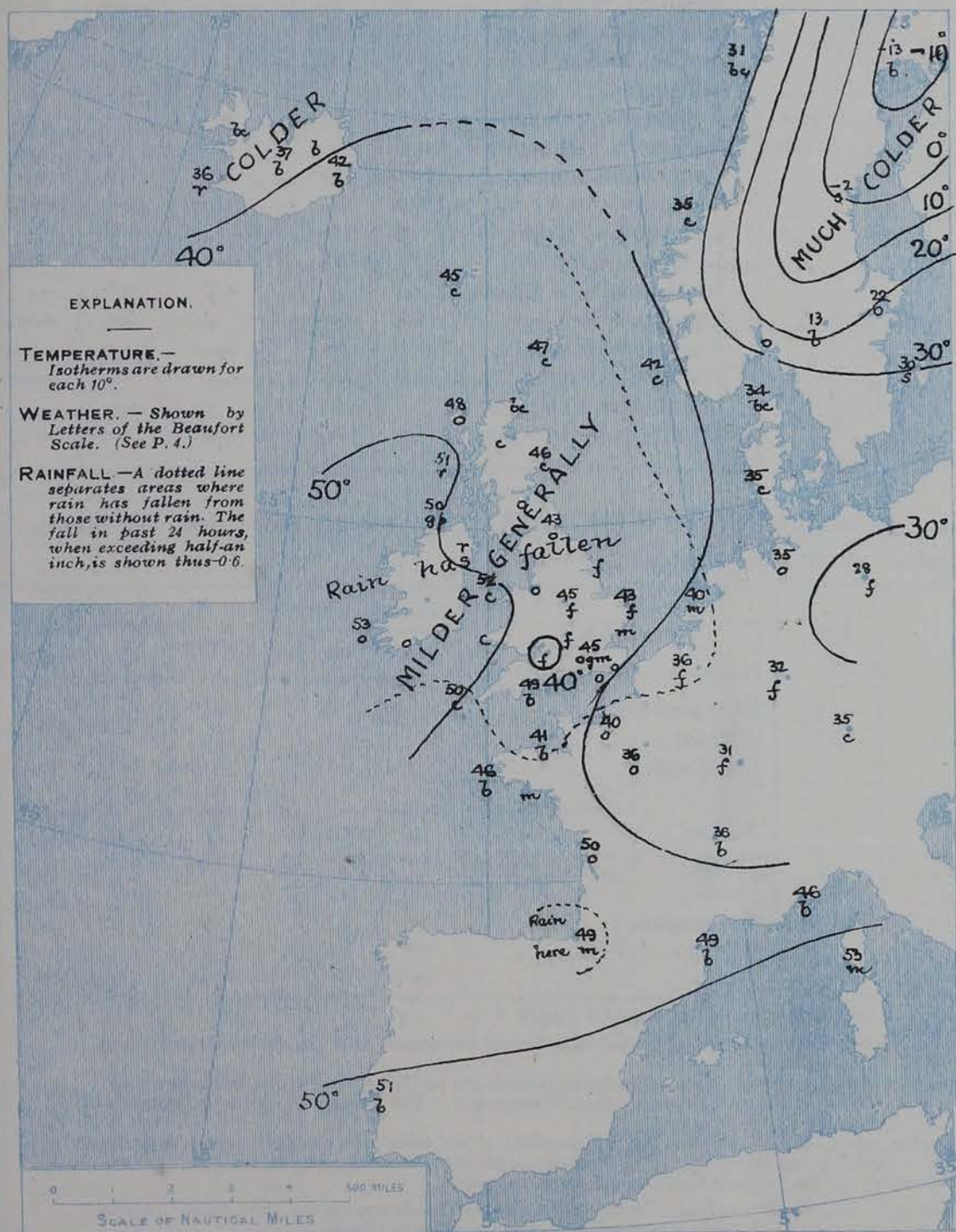
In nearly all parts of the area under observation the winds are southerly or south-westerly in direction, but with the exception of a strong breeze in the north of Ireland and at Skudesnaes, and a local gale in the north of Iceland, light breezes prevail extensively. Temperature has risen over these islands and France, fallen in most other localities. At the home stations the readings range from 36° at Bath to 53° at Valencia, in Scandinavia from -13° at Saperanda to 42° at Skudesnaes, over western Europe from 28° at Berlin to 50° at Rochefort; and in Iceland from 32° to 42°. The sky is clear in most parts of Sweden and Iceland, but in nearly all other districts it is very cloudy or overcast, the atmosphere is misty or foggy in many parts of England, and across to Berlin, rain is falling in most parts of Ireland, at Bona and in the south-west of Iceland, snow at Nisby. The sea is rather rough off Blackhead Point and Bred, moderate to very smooth in all other neighbourhoods.

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



CHARTS 5th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 50° and upwards at most stations in the western half of the Kingdom, to 54° at Scilly and 55° at Valencia, but remained below 40° at Lowestoft, Felixstowe and Harrogate. Rain has fallen generally, as a rule in very small amounts, but Blackhead Point reports 1/2 inch. Scilly had 5.2 hours of bright sunshine and Barra 3.4 hours, but nearly all other localities had none. An auroral display was witnessed at Wick last evening.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

With the slow and steady decrease of pressure in the west and north-west the South-Westerly type of conditions is likely to be maintained through the coming 24 hours, and no great increase in the strength of the wind is anticipated.

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 Same as Nos. 6 to 10.

1
2
3
4
5
6
7
8
9
10
Light Southerly and South-Westerly breezes; cloudy to dull, some showers, mist or fog in many places; fair intervals locally; milder

South and South-Westerly breezes, freshening somewhat; cloudy or dull, some rain, local coast mist or fog; mild.

WESTERN CHANNEL AND BAY.

Westerly to Southerly breezes, light to moderate; sea smooth to moderate. Considerable North-Westerly swell; changeable, fair to dull, some showers, mist or fog; moderate temperature.

FORECAST DISTRICTS.

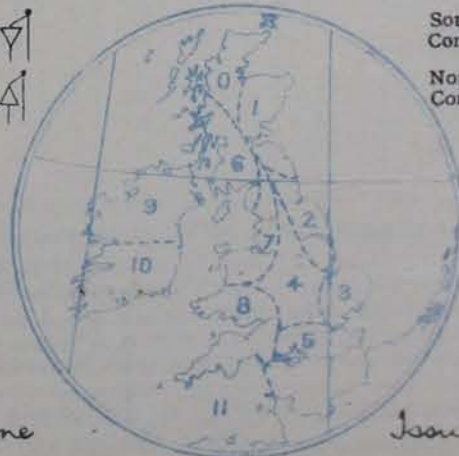
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone.
North Cone.

South Cone.
North Cone.



Saturday 5th December, 1908.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	51	46	org, c	*	0.12	Brighton, to 6 p.m. ...	46	36	*	0.0	0.01
Rossall Beach, to 6 p.m....	44	37	om, cm	*	-	Eastbourne, to 6 p.m. ...	47	37	*	0.0	-
Blackpool, to 9 p.m. ...	45	37	omv, o	0.0	-	Bexhill-on-Sea, to 9 p.m.	43	37	g, d	0.0	-
Southport, to 9 p.m. ...	45	34	om, or, m	0.0	0.05	Hastings	*	*	*	0.7	* -
Rhyl, to 6 p.m.	51	44	*	0.2	0.02	Folkestone, to 6 p.m. ...	40	37	o	0.0	-
Colwyn Bay, to 6 p.m. ...	50	38	o, bc	0.2	0.08	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Llandudno, to 9 p.m. ...	50	40	or, c	0.6	-	Margate, to 6 p.m.	42	38	o	0.0	-
Bettws-y-Coed, to 6 p.m.	48	41	c	0.0	*	Felixstowe, to 6 p.m. ...	38	34	-	0.0	-
Towyn, to 6 p.m.	52	39	r, o	0.0	0.10	Lowestoft, to 6 p.m. ...	38	35	om, m	0.0	-
Aberystwyth, to 6 p.m....	53	46	*	0.5	0.13	Skegness, to 6 p.m....	41	36	m	0.0	-
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	41	37	o, f	0.0	0.01
Torquay, to 6 p.m....	54	50	*	0.0	0.02	Harrogate, to 6 p.m. ...	38	29	f, om	0.0	0.04
Weymouth, to 6 p.m. ...	52	44	or	0.0	0.11	Buxton, to 6 p.m.	43	36	bf, orv	0.0	0.02
Bournemouth to 6 p.m. ...	50	35	od	0.0	0.01	Darwen, to 9 p.m.	43	30	b, omv	0.0	0.03
Southsea, to 6 p.m....	48	40	*	0.0	-	Manchester, to 9 p.m. ...					
Worthing, to 6 p.m. ...	45	37	o, or	0.0	0.03	Birmingham, to 9 p.m....	45	37	o, r, o	0.0	0.19

STATIONS. <i>11th Dec.</i> ...1908	TEMPERATURE F.		WEATHER.	RAIN. — Ins.	STATIONS. <i>11th Dec.</i> ...1908	TEMPERATURE F.		WEATHER.	RAIN. — Ins.
	Max.	Min.				Max.	Min.		
Madeira	70	48	b. c	0.20	St. Petersburg	23	18	s. s	-
Marseilles	59	36	c. b	-	Utrecht	34	28	f. f	-
Malta	65	54	b	-	Groningen	46	43	r. m	0.04
Algiers	56	52	b. bc	-					
Tunis	68	39	b. b	-					
Palermo	64	45	b. o	0.12					
Naples	54	47	b. r	-					
Brindisi	59	41	o. r	-					
Florence	48	45	r. r	0.43					
Rome	55	45	o. c	-					
Vienna	48	43	o. o	-					

(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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.

(c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.

(d) 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.

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	
	Lat.	Long.		Direc.	Force.		Air.		Sea.		
							Dry Bulb.	Wet Bulb.			
	°	°	Inch.				°	°	°		
UNITED KINGDOM TO-DAY AND TO-MORROW.											
							5th & 6th Dec. 1908.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
							Yarmouth {		7.47	11.44	3.40
									7.49	11.44	3.39
							Greenwich {		7.50	11.51	3.52
									7.51	11.51	3.51
							Wick {		8.45	12.3	3.21
									8.47	12.3	3.20
							Valencia {		8.33	12.32	4.30
									8.35	12.32	4.29

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the enquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

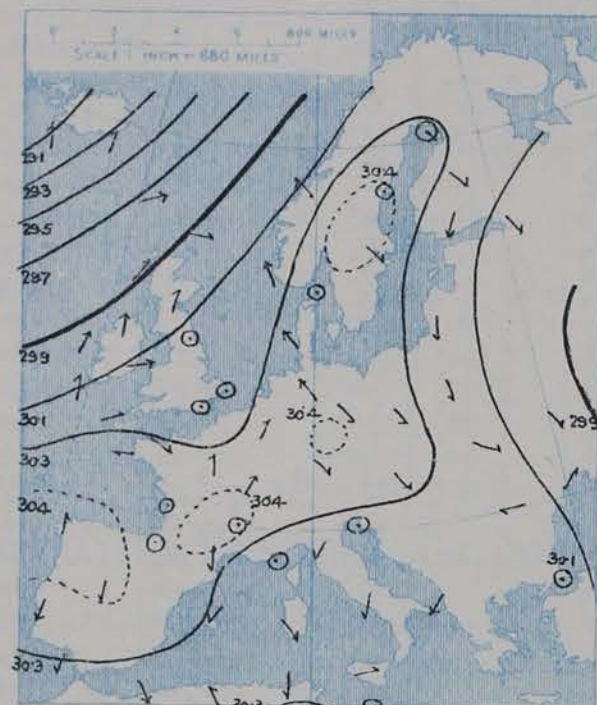
Sunday,
6th December, 1908.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.		Weather.	BAROMETER.	Change since Yesterday.	TEMPERATURE.			WIND.		Weather.	Sea (0 to 9).	TEMP.		Weather.	Sun-shine.	Rainfall.	
				Dry Bulb.	Force (0 to 12).				Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).			Max.	Min.				
		At 32° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).		At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).				Max.	Min.		Hours.	Ins.
SCANDINAVIA.	Haparanda...	30.02	20	S	4	0	29.73	-57	23	22	+36	SW	2	0	*	?	-13	*	*	*	-
	Hernösand...	30.19	21	S	4	0	29.83	-58	30	29	+30	S	4	0	*	?	0	*	*	*	-
	Stockholm...	30.40	23	W	2	0	30.22	-15	24	23	+2	WSW	2	0	*	25	19	*	*	-	
	Wisby...	30.39	32	N	2	0	30.31	-01	31	28	+1	SW	4	0	*	34	27	*	*	-	
	Karlstad...	30.35	29	Z	0	0	30.15	-28	33	32	+20	S	6	0	*	*	*	*	*	-	
	Færder (X'ania Fjord)	30.25	40	S	4	0	30.02	-34	37	36	+8	SSW	6	0	4	40	28	*	*	-	
	Bodö...	29.86	30	E	4	0	29.49	-61	38	36	+7	E	4	0	1	?	28	*	*	-	
	Christiansund...	29.83	43	SE	2	0	29.57	-53	48	42	+13	SW	2	0	3	48	34	*	*	0.04	
ICELAND & FAERÖE.	Skudesnaes...	30.05	45	S	8	0	29.80	-41	46	46	+4	S	6	0	5	46	39	*	*	1.18	
BRITISH ISLANDS.	Reykjavik...	29.01	33	E	1	0	29.26	+16	34	*	-2	WNW	3	0	*	*	*	*	*	*	
	Blönduós...	29.08	38	S	2	0	29.26	+17	32	*	-5	S	2	0	*	*	*	*	*	*	
	Seydisfjörður...	29.12	35	Z	0	0	28.98	-32	36	*	-6	SW	7	0	*	*	*	*	*	*	
	Thorshavn...	29.12	47	S	5	0	29.32	-38	39	*	-6	SW	6	0	*	*	*	*	*	*	
	Sumburgh Head	29.54	49	S	5	0	29.62	-30	45	42	-2	WSW	4	0	4	49	43	org, cpg,	0.0	0.09	
	Stornoway...	29.55	50	WSW	6	0	29.72	-15	42	42	-6	SW	4	0	4	52	40	rmgq, op, bc	0.0	0.41	
	Castlebay (Barra Id.)	29.65	50	W	6	0	29.80	-08	45	43	-6	W	4	0	4	53	42	ogp, opq	*	0.59	
	Malin Head...	29.75	49	SW	6	0	29.90	+03	42	42	-8	WSW	5	0	4	51	39	ogp, opq	*	0.21	
Blacksoot Pt.	29.88	48	SW	5	0	29.93	00	40	38	-12	SW	2	0	1	54	38	rgm, mp, bc	*	0.30		
GERMANY, & C.	Valencia...	30.03	51	WSW	4	0	30.02	-05	41	40	-12	E	1	0	5	55	40	om, bc, c	0.0	0.27	
	Roche's Point...	30.03	50	W	3	0	30.06	-11	41	41	-11	N	2	0	3	54	41	om, rm, o, b	*	0.14	
	Birr Castle...	29.94	49	WSW	3	0	30.01	-04	36	35	-15	Z	0	0	3	53	34	r, o, bc	0.0	0.13	
	Donaghadee...	29.86	50	SSW	5	0	29.99	-07	38	37	-10	WSW	1	0	3	51	37	ogp, bc	*	0.28	
	Liverpool Obsy...	30.04	49	S	3	0	30.03	-17	43	41	-4	WSW	3	0	2	51	42	o, bc, o	0.3	0.09	
	Holyhead...	29.99	52	SSW	6	0	30.02	-12	46	44	-6	W	3	0	2	52	44	cm, op	*	0.37	
	Pembroke (St. Ann's Hd.)	30.07	52	S	5	0	30.06	-17	50	46	-2	W	3	0	4	54	46	c, bc, c	0.7	0.25	
	Scilly (St. Mary's)	30.17	51	SSW	5	0	30.10	-18	51	49	+1	WNW	2	0	4	54	48	o	0.1	0.14	
	Jersey (St. Aubins)	30.24	48	SSW	3	0	30.10	-23	51	51	+10	SSW	3	0	3	51	41	c, om	6.1	0.01	
	Portland Bill...	30.18	52	SW	3	0	30.04	-24	50	49	+1	N	2	0	3	53	48	c	0.0	0.03	
FRANCE.	Dungeness...	30.20	49	S	3	0	30.08	-18	49	47	0	SSW	4	0	4	50	47	c, bc, o, c	1.0	-	
	Dover...	30.24	47	SSW	2	0	30.11	-18	48	46	+1	SSW	3	0	3	48	45	o	0.0	-	
	Wick...	29.61	45	S	4	0	29.71	-23	39	37	-8	W	3	0	2	49	37	-	*	0.08	
	Nairn...	29.64	52	W	2	0	29.76	-21	40	38	-7	WSW	2	0	1	53	38	d, bc, c, bc	0.0	0.17	
	Aberdeen...	29.74	50	SSW	4	0	29.81	-22	39	37	-7	SW	1	0	2	50	39	or, op, q, cl	0.0	0.09	
	Leith...	29.78	52	SW	4	0	29.86	-19	44	43	-7	SW	3	0	*	54	42	o, opq, op	*	0.03	
	North Shields...	29.95	48	SSW	3	0	29.94	-21	44	42	+1	SW	2	0	2	49	38	r, o	*	0.12	
	Spurn Head...	30.08	46	SSW	3	0	30.01	-21	46	45	+2	WSW	3	0	2	47	44	f, om, c, op	*	-	
	Yarmouth...	30.20	45	S	2	0	30.09	-18	47	46	+4	S	3	0	3	47	41	f, cm	0.0	-	
	Clacton-on-Sea...	30.22	46	S	3	0	30.10	-17	47	46	+3	S	3	0	3	47	44	ogm, o	0.0	-	
SPANISH PENIN.	Nottingham...	30.11	47	SW	3	0	30.02	-21	45	44	0	SW	1	0	*	51	42	cm, o	0.3	0.01	
	Bath...	30.17	46	W	1	0	30.08	-21	48	48	+12	WNW	1	0	*	51	36	-	0.6	0.03	
	Oxford...	30.16	45	S	2	0	30.07	-22	48	48	+7	Z	0	0	*	48	40	bcf, m, c, or	*	0.09	
	London (St. James's Pk)	30.21	45	SW	2	0	30.08	-19	49	47	+4	SW	1	0	0	49	45	g, o, od	0.0	0.01	
	The Scaw (Skagen)	30.32	38	SSW	5	0	30.11	-25	37	34	+3	SW	5	0	2	39	32	*	*	-	
	Fanö...	30.29	31	SE	4	0	30.15	-20	35	34	0	SSE	6	0	*	37	28	*	*	-	
	Cuxhaven†...	30.33	35	SE	2	0	30.19	-13	35	34	0	S	4	0	*	37	34	*	*	-	
	The Helder...	30.25	40	SSE	3	0	30.15	-13	38	38	-2	S	4	0	2	43	37	*	*	-	
	Brussels...	*	*	*	*	*	30.22	-12	33	33	-3	SSE	1	0	*	40	32	*	*	-	
	Berlin†...	30.43	29	NE	2	0	30.39	00	23	23	-5	NE	2	0	*	32	19	*	*	-	

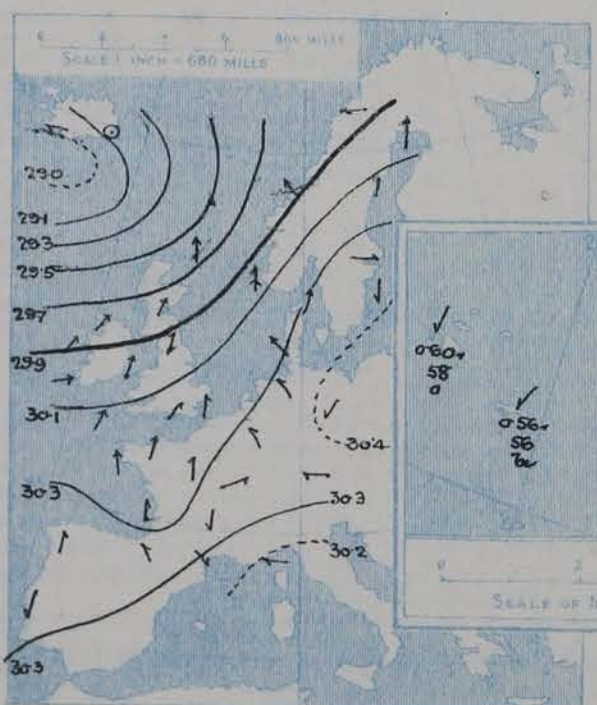
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

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

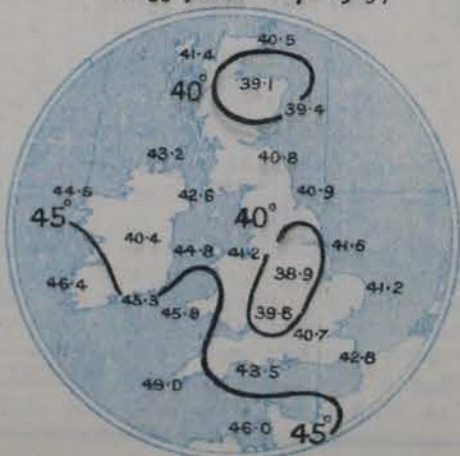
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



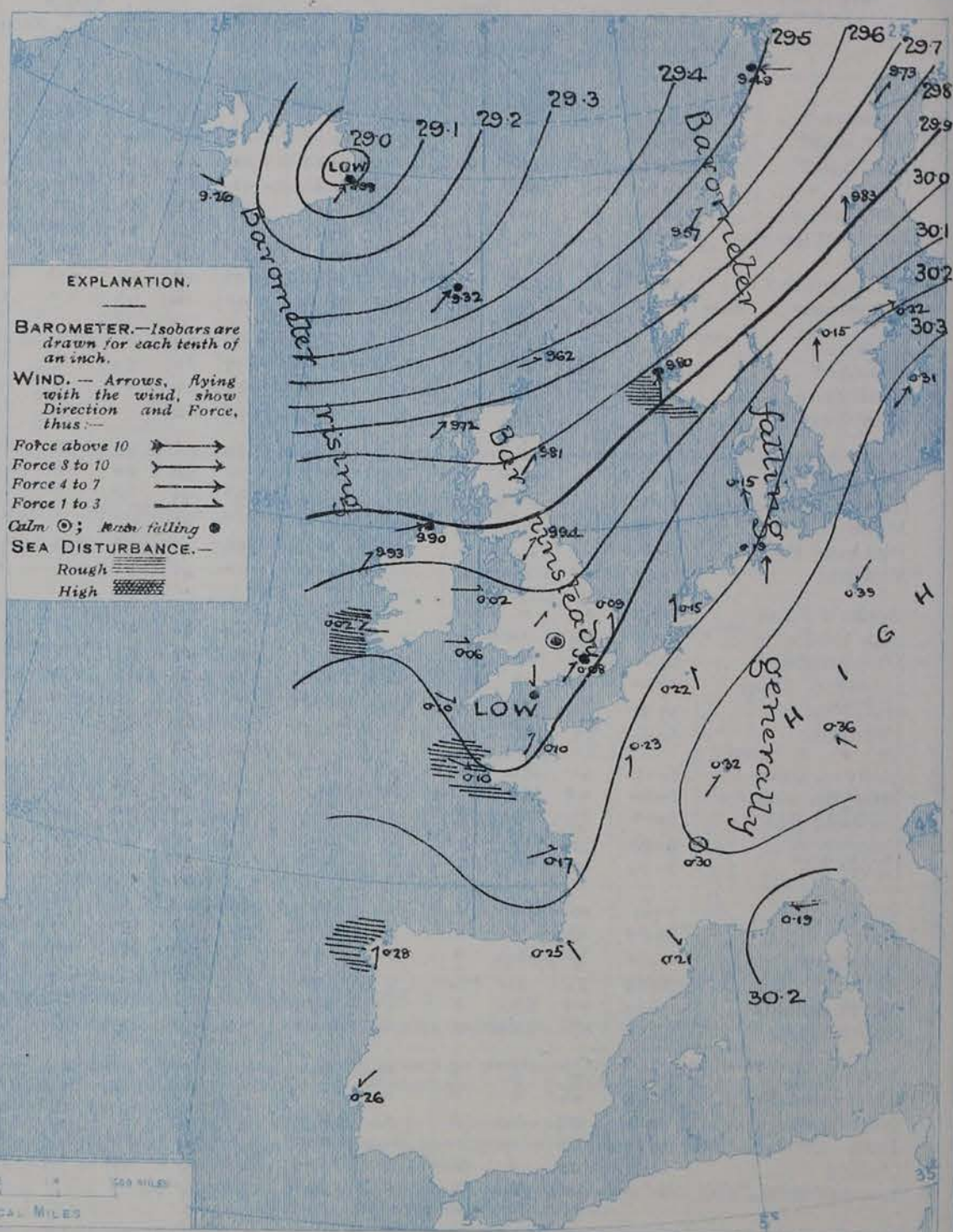
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
NOVEMBER-DECEMBER.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Sunday

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

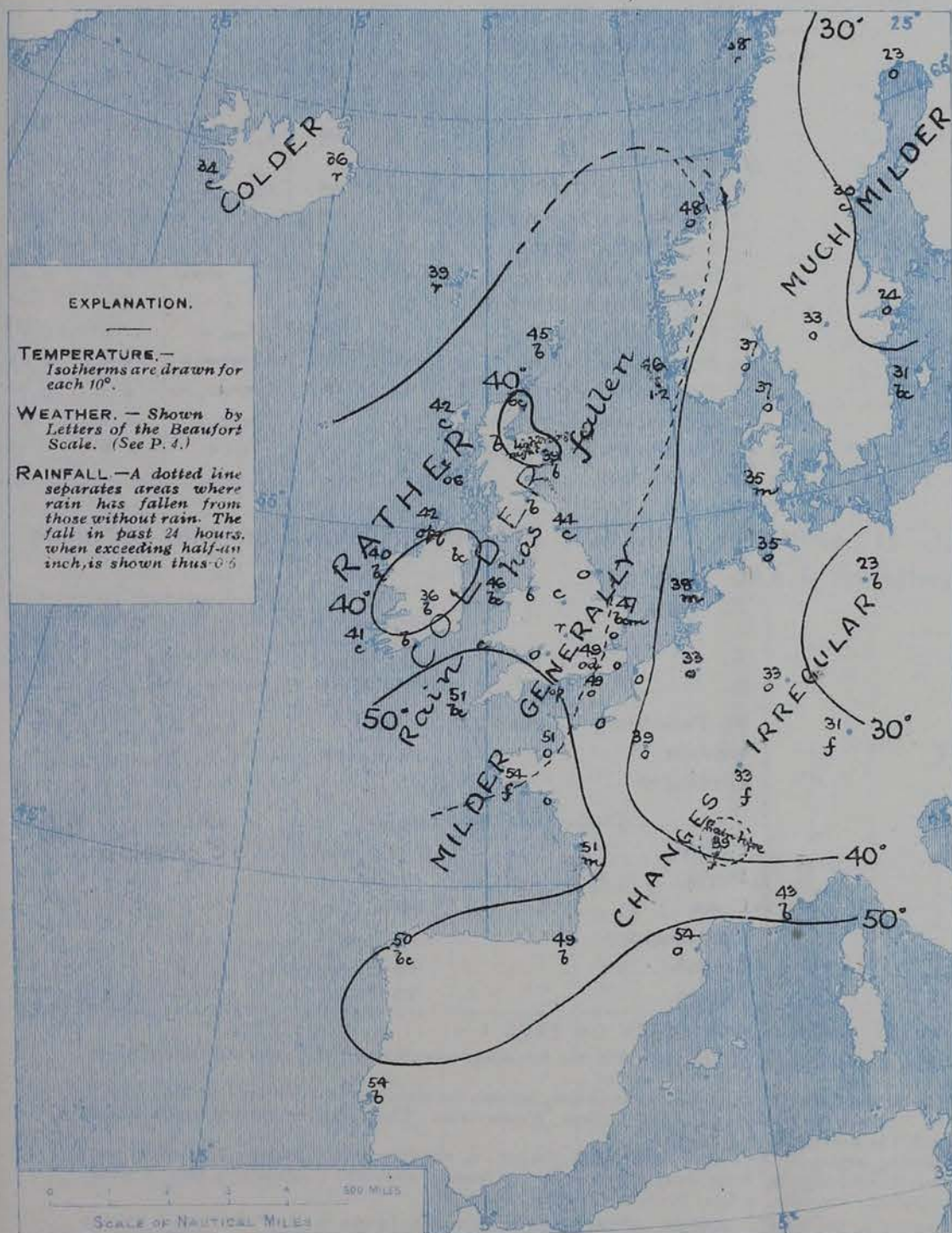
Since yesterday morning the barometer has fallen more than 0.5 in. in the north of Scandinavia and nearly 0.25 in. in most parts of Great Britain. It is now rising again in the north-west of our area, still falling on the Continent, and changing irregularly in these Islands. The readings range from above 30.3 ins. over Germany and the Baltic to less than 29.0 ins. in a depression having its minimum over the east of Iceland. Pressure is relatively low in a secondary disturbance that has arrived over England.

The main current of wind over these Islands and the north-west of the Continent is between West and South-West. Over this country it is generally very light, and in places more variable, but a moderate to strong breeze prevails over Scandinavia and beyond the north of Scotland, while at Loughfoyle a high wind is reported. Temperature has fallen in most parts of the United Kingdom, more quickly in Norway and Sweden, and slightly in France. It is now below 40° in central Iceland and some parts of Scotland, and below 50° except at some of our most south-western stations. The sky is less cloudy than of late in Iceland, Scotland, and Wales, but generally the weather is overcast. Rain is falling in some English localities, and showers are reported at Malin Head. Fog prevails in the east of France and at Munich, and rain is falling in some parts of Norway and the Icelandic region.

CHARTS

6th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday the temperature rose to or slightly exceeded 50° in several parts of these Islands. Rain has fallen at nearly all our stations and in a few places on the Continent. At Castlebay the measurement is 0.6 in. and at Skudesnaes 1.2 in. but as a rule the amount reported is slight. Lightning was observed during the night at Aberdeen.

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

1

2

3

4

5

6

7

8

9



10

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.

South Cone. 
North Cone. 

Signals hoisted this morning.

South Cone. 
North Cone. 



Sunday, 6th December, 1908.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m. ...	56	46	c, o, r	*	0.05	Brighton, to 6 p.m. ...			*		
Rossall Beach, to 6 p.m. ...	51	43	sw, r, sw	*	0.04	Eastbourne, to 6 p.m. ...			*		
Blackpool, to 9 p.m. ...	51	43	r, o, c, o	0.0	-	Bexhill-on-Sea, to 9 p.m. ...	50	37	f, cv	1.9	0.03
Southport, to 9 p.m. ...	50	43	sw, o	0.0	-	Hastings	*	*	*	1.2	*
Rhyl, to 6 p.m.			*	0.0	-	Folkestone, to 6 p.m. ...	48	39	o, r, bc, o	0.1	0.03
Colwyn Bay, to 6 p.m. ...	52	48	c, o	0.0	-	Ramsgate, to 6 p.m. ...	*	*	*	0.4	0.05
Llandudno, to 9 p.m. ...	52	46	o, c, o	0.0	-	Margate, to 6 p.m.	48	38	f, o	0.5	0.06
Bettws-y-Coed, to 6 p.m.						Felixstowe, to 6 p.m. ...					
Towyn, to 6 p.m.	52	46	c, o, r	0.0	-	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	52	47	*	0.0	-	Skegness, to 6 p.m.	47	44	f, r, m	0.0	0.02
Plymouth, to 9 p.m. ...	52	37	bc, of	0.0	0.01	Scarborough, to 9 p.m. ...	48	39	o	0.0	-
Torquay, to 6 p.m.	54	40	*	1.5	-	Harrogate, to 6 p.m. ...	48	38	m, o	0.0	-
Weymouth, to 6 p.m. ...	52	40	f, bcw	0.0	-	Buxton, to 6 p.m.	46	37	sw, sw, o, c	0.0	0.03
Bournemouth to 6 p.m. ...	50	38	f, b, bc	2.2	0.02	Darwen, to 9 p.m.	48	41	o, d, m, sw	0.0	0.01
Southsea, to 6 p.m.			*			Manchester, to 9 p.m. ...	50	45	o, c, o	0.0	-
Worthing, to 6 p.m. ...	46	37	r, f, m	0.0	0.08	Birmingham, to 9 p.m. ...	48	42	c, o	1.8	-

STATIONS. 5 th December, 1908.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 5 th December, 1908.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira	o	o			St. Petersburg	? ?	s s	0.04	
Marseilles	55	34	b b	-	Utrecht	32 28	f m	-	
Malta	62	55	c	-	Groningen	43 32	o o	-	
Algiers	66	55	o b	-	4 th December...1908. 1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.	
Tunis	77	43	bc bc	-	Geneva	37 *	f	-	
Palermo	63	46	c b	0.12	Berne	37 *	b	-	
Naples	57	48	b o	-	Coire	34 *	b	-	
Brindisi	54	39	bc c	-	Castasegna... ..	34 *	b	-	
Florence	54	36	c f	0.39	Lugano	43 *	b	-	
Rome	58	43	bc b	-	Davos... ..	26 *	b	-	
Vienna	43	25	b b	-					

(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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.

(c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.

(d) 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.

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

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- tur- bance.	65475 Dec. 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
	Lat.	Long.		Direc.	Force.		Air.							
							Dry Bulb.	Wet Bulb.	Sea.					
	°	°	Ins.				°	°	°					
											Yarmouth	7.49 7.51	11.44 11.45	3.39 3.39
											Greenwich	7.51 7.53	11.51 11.52	3.51 3.51
											Wick	8.47 8.49	12.3 12.4	3.20 3.19
											Valencia	8.35 8.37	12.32 12.33	4.29 4.29

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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

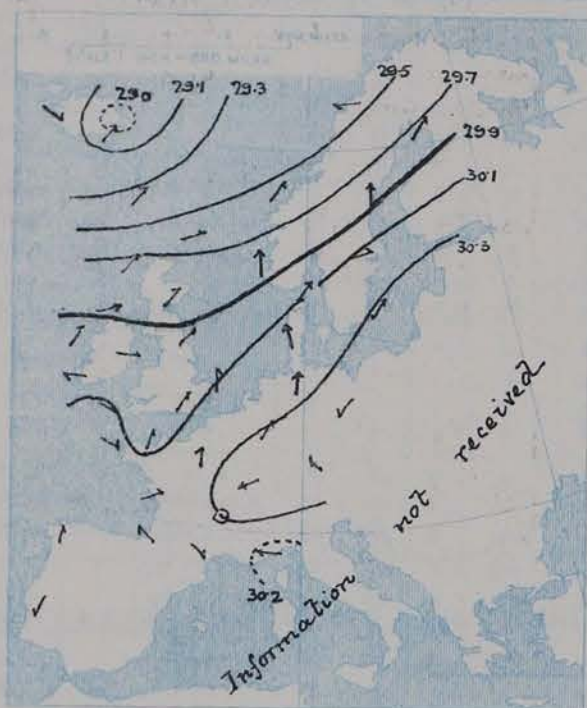
(Monday,
7th December, 1908

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.	Force (0 to 12).	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9).	TEMP.		Weather.	Sun-shine.	Rainfall.		
							At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).		Max.	Min.					
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12).		At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).			Max.	Min.		Hours.	Ins.	
SCANDINAVIA.	Haparanda...	29.46	19	W	2	o	29.25	-48	20	20	-3	2	0	o	*	27	19	*	*	0.16	
	Hernösand...	29.60	31	S	2	o	29.52	-31	28	27	-2	S	2	b	*	34	19	*	*	-	
	Stockholm...	29.92	31	W	2	r	29.80	-42	37	36	+13	WSW	4	c	*	37	18	*	*	0.08	
	Wisby...	30.10	36	SSW	6	o	29.95	-36	39	37	+8	W	6	o	*	43	31	*	*	0.08	
	Karlstad...	29.84	37	SSW	8	o	29.83	-32	37	35	+4	SW	4	c	*	*	*	*	0.04		
	Færder (X'ania Fjord)	29.76	46	SW	6	m	29.82	-20	42	40	+5	SW	4	o	3	46	37	*	*	0.04	
	Bodö...	29.43	36	E	2	bc	29.42	-37	38	36	0	SSW	6	r	3	38	36	*	*	0.35	
	Christiansund...	29.49	42	SW	4	c	29.52	-05	42	39	-6	W	8	o	5	48	34	*	*	0.24	
Skudesnaes...	29.82	44	WSW	4	c	29.88	+08	45	44	-1	WSW	4	c	4	46	41	*	*	0.43		
ICELAND & FAEROE.	Reykjavik...	29.38	33	SSW	1	c	28.67	-59	33	*	-1	E	8	o	*	*	*	*	*	*	
	Blönduós...	29.37	30	SSW	2	bc	28.89	-37	34	*	+2	SSW	1	c	*	*	*	*	*	*	
	Seydisfjord...	29.31	33	WSW	7	S	29.18	+20	30	*	-6	SW	1	b	*	*	*	*	*	*	
	Thorshavn...	29.43	41	W	6	o	29.45	+13	41	*	+2	WSW	3	o	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.61	44	WSW	4	b	29.72	+10	42	39	-3	WSW	3	o	4	45	37	o. b	*	0.18	
	Stornoway...	29.86	41	WSW	4	bc	29.77	+05	44	43	+2	SW	6	o	5	44	37	bcp, cthpq	0.7	0.17	
	Castlebay (Barra Id.)	29.95	47	WNW	4	bc	29.88	+08	47	45	+2	SW	6	op	5	48	43	c. bc, o, bcp, o	2.4	0.01	
	Malin Head...	29.99	42	Z	0	ogm	29.98	+08	42	42	0	SSW	4	og	3	45	39	cgm, og, bcp	*	0.10	
	Blacksod Pt. ...	30.03	43	E	4	pm	30.06	+13	48	43	+8	WSW	4	om	3	48	38	og, bcp, bc	*	0.28	
	Valencia...	30.02	43	N	2	cp	30.23	+21	45	42	+4	S	1	o	5	48	40	bcp, cp, cyp	2.0	0.20	
	Roche's Point...	30.01	42	WNW	3	b	30.23	+17	40	38	-1	N	1	bc	2	50	38	b, cp, b, bc	*	0.04	
	Birr Castle...	29.97	40	SSW	1	b	30.18	+17	33	32	-3	Z	0	b	*	44	31	c, r, b	2.6	0.09	
	Donaghadee...	29.99	39	WSW	1	c	30.02	+03	36	34	-2	WSW	1	c	1	47	32	bc, c	*	-	
	Liverpool Obsy...	30.02	43	SE	2	bc	30.13	+10	38	37	-5	ESE	1	m	0	47	38	c, b, bc	5.4	-	
	Holyhead...	29.98	44	SW	1	bcu	30.03	+01	47	45	+1	NW	2	c	1	49	42	bc, bcu	*	-	
	Pembroke (St. Ann's Hd.)	29.98	48	WSW	3	c	30.12	+06	44	41	-6	NW	3	bc	4	52	42	c, bc, cp	2.4	0.10	
	Scilly (St. Mary's)...	30.01	47	W	2	r	30.17	+07	47	44	-4	NNW	4	bc	4	53	46	c, r	1.0	0.07	
	Jersey (St. Aubins)...	30.02	48	NE	3	o	30.11	+01	46	45	-5	WNW	2	c	2	54	46	or, f, ogm, cp	0.0	0.25	
	Portland Bill...	30.02	48	N	1	bc	30.10	+06	45	43	-5	NNW	2	op	3	52	43	c, bc	3.0	0.02	
	Dungeness...	29.99	49	SSW	4	r	30.01	-07	46	46	-3	NNW	4	f	4	49	44	r, r, f	0.0	0.47	
	Dover...	30.04	46	SSE	2	od	30.02	-09	46	46	-2	NW	2	r	2	48	45	o, or, o	0.0	0.57	
	Wick...	29.79	38	W	2	bc	29.82	+11	38	36	-1	W	2	bc	2	46	34	c, tl	*	0.01	
	Nairn...	29.89	38	Z	0	b	29.89	+13	38	36	-2	WSW	3	bc	1	43	34	bcp, r, bcp	3.7	0.10	
	Aberdeen...	29.94	39	SSW	1	bc	29.97	+16	37	35	-2	SW	1	bc	2	44	34	b, bc	4.5	-	
	Leith...	29.97	44	SW	1	b	30.03	+17	40	38	-4	WSW	2	b	*	46	33	b	*	-	
	North Shields...	30.00	42	SW	2	cm	30.07	+13	33	32	-11	SW	2	c	2	46	31	-	*	-	
	Spurn Head...	30.03	44	SW	2	b	30.07	+06	39	39	-7	WNW	2	f	2	46	39	b, om, f	*	-	
	Yarmouth...	30.04	46	Z	0	o	30.04	-05	46	45	-1	NNW	3	cm	3	48	44	o, om, o	0.0	0.07	
	Clacton-on-Sea...	30.03	46	ESE	2	r	30.06	-04	45	45	-2	NW	3	o	2	48	45	orgm	0.0	0.28	
	Nottingham...	30.03	41	Z	0	o	30.11	+09	35	35	-10	SW	1	fe	*	47	33	o, fe	0.4	-	
	Bath...	30.03	41	NE	1	m	30.12	+04	39	39	-9	W	1	f	*	51	37	-	3.5	0.01	
	Oxford...	30.05	37	NNW	2	bc	30.17	+10	37	37	-11	NNW	1	of	*	50	34	om, c, bc, c, f	*	0.01	
London (St. James's PK)	30.07	47	Z	0	bcu	30.08	00	42	42	-7	NNE	2	c	*	50	42	org, od, bcu	0.0	0.16		
GERMANY, & C.	The Scaw (Skagen)	29.90	40	WSW	5	f	29.94	-17	39	38	+2	WSW	1	m	0	41	36	*	*	0.20	
	Fanö...	30.05	42	SW	4	o	30.04	-11	40	40	+5	S	2	m	*	43	34	*	*	0.12	
	Cuxhaven†...	30.13	39	S	3	o	30.08	-11	39	97	+4	S	2	o	*	39	35	*	*	-	
	The Helder...	30.08	39	S	3	m	30.06	-09	38	38	0	S	1	r	1	39	37	*	*	0.08	
	Brussels...	*	*	*	*	*	30.20	-19	29	80	+6	SSW	2	o	*	29	23	*	*	-	
	Berlin†...	30.26	27	SE	2	b	30.19	-13	36	97	+3	SW	1	f	*	36	33	*	*	-	
	Frankfurt†...	30.24	35	SW	1	f	30.19	-03	30	100	-1	S	3	o	*	31	27	*	*	-	
	Munich†...	30.30	30	SE	2	f	30.33	-03	30	100	-1	S	3	o	*	31	27	*	*	-	
FRANCE.	C. Gris Nez...	30.00	45	S	4	o	29.99	-13	46	46	+2	S	1	o	1	50	43	*	*	0.51	
	La Hève...	30.06	43	S	3	o	30.10	-05	43	41	0	W	3	c	3	48	39	*	*	0.16	
	Brest...	30.10	52	NW	3	b	30.19	+09	45	44	-9	NNW	2	b	2	55	43	*	*	0.12	
	Lorient...	30.03	51	NW	5	r	30.14	?	45	44	-8	N	4	bc	3	55	45	*	*	-	
	Rochefort...	30.12	54	ESE	2	o	30.13	-04	50	48	-1	NW	3	o	2	59	46	*	*	0.51	
	Biarritz...	30.17	56	Z	0	bc	30.20	-05	54	52	+5	SW	5	o	4	61	49	*	*	0.12	
	Paris...	30.11	45	S	2	o	30.07	-16	48	47	+9	S	2	o	*	48	39	*	*	0.04	
	Belfort...	30.26	36	ENE	4	f	30.22	-06	37	36	+4	Z	0	o	*	39	33	*	*	-	
	Lyons...	30.26	38	NW	1	b	30.26	-04	34	33	-5	N	1	b	*	42	33	*	*	-	
	Nice...	30.22	46	Z	0	bc	30.27	+08	42	38	-1	Z	0	bc	4	57	41	*	*	-	
	Perpignan...	30.19	47	Z	0	b	30.21	00	44	43	-10	Z	0	o	*	60	41	*	*	-	
	Sanguinaire...	30.09	55	SE	3	o	30.14	?	53	48	?	E	2	c	3	63	50	*	*	-	
SPANISH PENIN.	Corunna...	30.23	54	N	4	bc	30.24	-02	53	49	-1	N	5	b	*	61	53	*	*	-	
	Lisbon...	30.23	54	N	4	bc	30.24	-02	53	49	-1	N	5	b	*	61	53	*	*	-	
	Azores (P. Delgada)...	30.63	58	ENE	4	o	30.61	+01	52	49	+1	NNW	1	b	2	61	52	*	*	-	

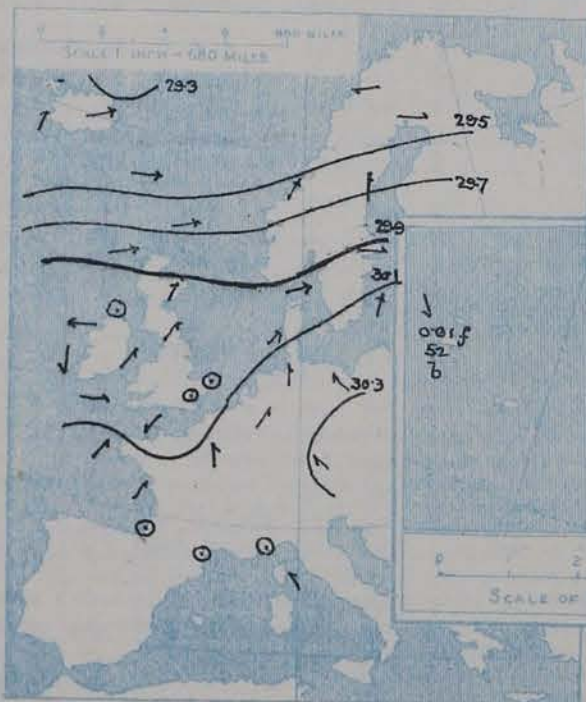
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

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

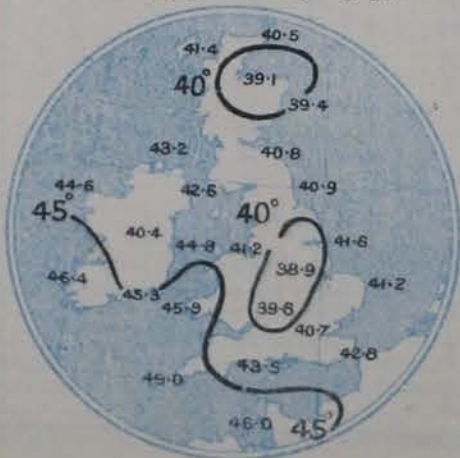
7 A.M. YESTERDAY



6 P.M. YESTERDAY



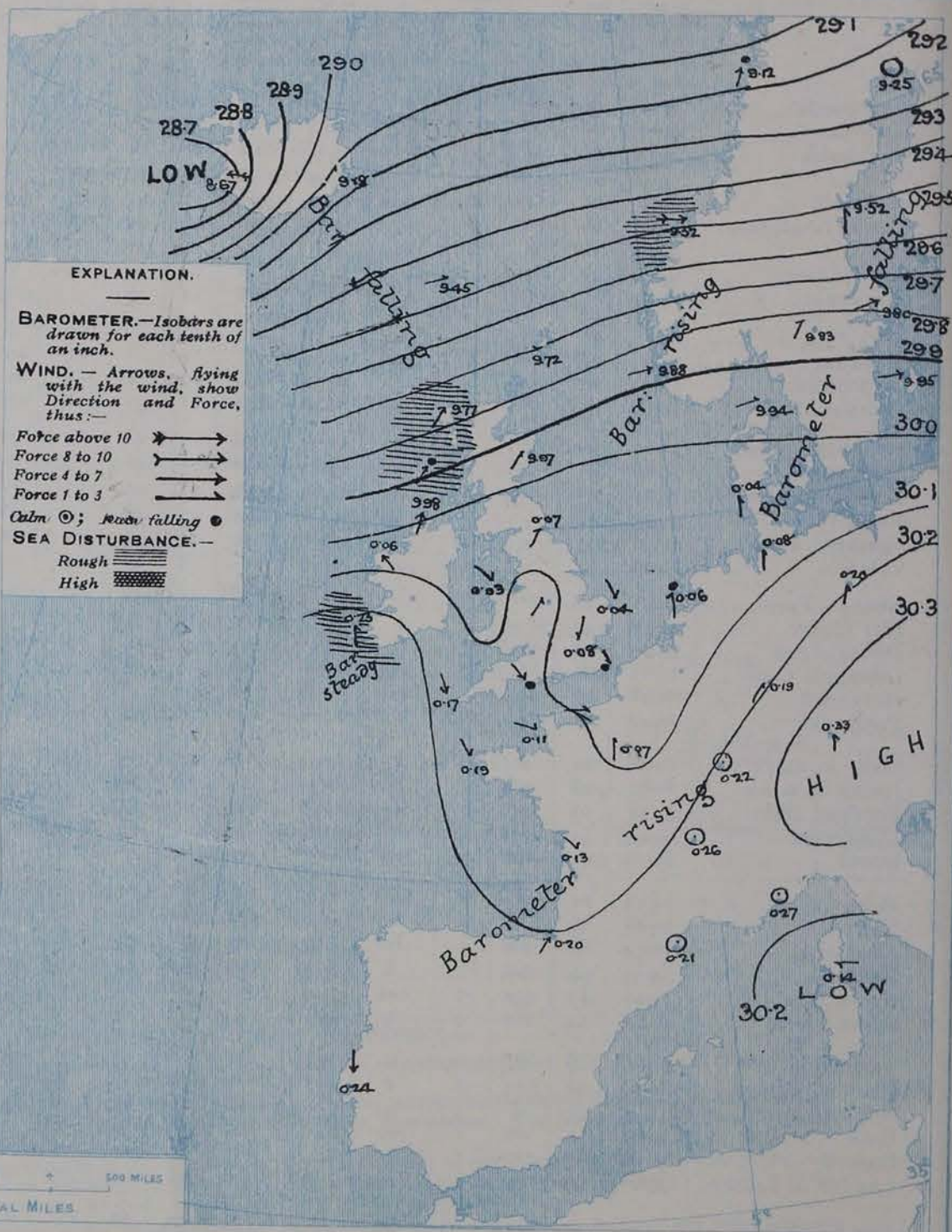
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
NOVEMBER-DECEMBER.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Monday,

WEATHER

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



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 Sea falling

SEA DISTURBANCE.—

Rough High

NOTES ON THE GENERAL SITUATION AT 7 A.M.

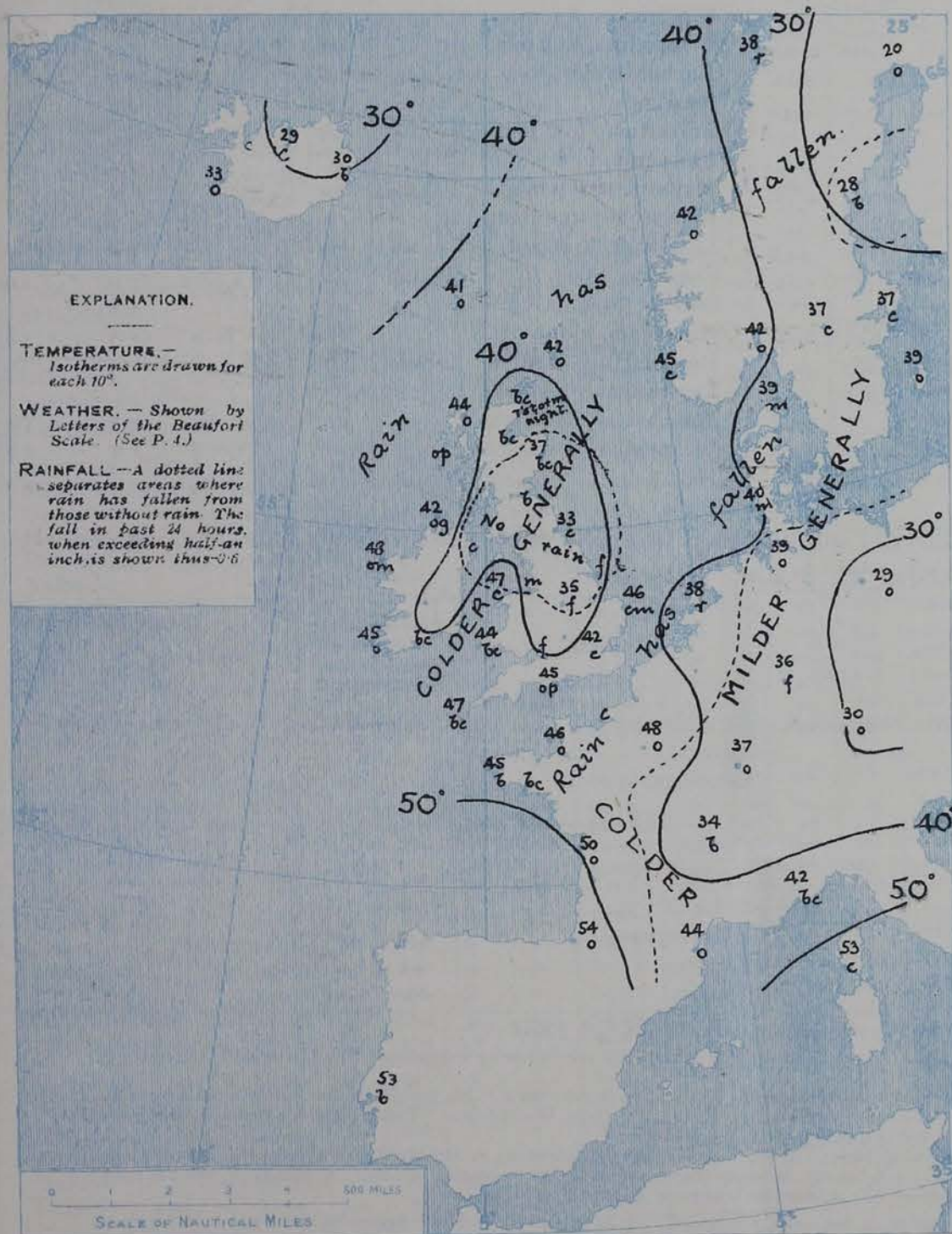
Pressure is very irregularly distributed over the British Isles, the country lying between an anticyclone over South Germany, with the barometer above 30.3 ins., and a deep depression to the westward of Iceland, barometer below 28.7 ins. In the Atlantic anticyclone pressure is above 30.6 ins. at the Azores. There is a considerable gradient over the more northern portion of our area, elsewhere it is slight.

Light variable breezes prevail over the southern half of the British Isles and the neighbouring part of the Continent, W. to S.W. over the northern regions, fresh or strong in force in a few isolated situations, a gale at Christiansund and in the southwest of Iceland. Temperature has fallen over the greater part of the region under observation. At the home stations the readings range from 33° at Shields to 48° at Blackhead Point; over Scandinavia from 20° at Haparanda to 45° at Skudesnaes; over Western Europe from 29° at Berlin to 54° at Biarritz; and in Iceland from 22° to 34°. The sky is clear or nearly so at a few home and foreign stations, but generally it is very cloudy or overcast, with rain, mist or fog in some localities. The sea is rather rough off the Hebrides, Valencia and Christiansund, moderate to very smooth elsewhere.

CHARTS

7th December, 1908.

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



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 in places; changeable, some rain and mist; moderate temperature.
- 1 } Light Variable S.W. breezes; fair or fine to cloudy and dull, some showers, mist or fog locally;
- 2 } temperature below the normal.
- 3 } Light N.W. breezes, backing W. to S.W.; cloudy to dull,
- 4 } some showers, mist or fog;
- 5 } cool to moderate temperature.
- 6 } Same as No. 0
- 7 } Same as Nos. 3 to 5.
- 8 }
- 9 } Same as No. 0.
- 10 } Light Variable to S.W. breezes; changeable, some showers, local mist or fog; cool.

II WESTERN CHANNEL AND BAY.
N.W. to W. breezes, light to moderate; sea smooth to moderate, considerable N.W. swell; fine to dull, some showers and fog; cool.

NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 50° or a little above at nearly all the south coast stations, and only a few of the northern stations failed to exceed 45°. Rain has fallen in most districts, about ½ inch in Kent. As a rule there was little or no bright sunshine, but Llandudno reports 5 hours, and Liverpool 54 hours. Oxford reports a halo and paraselena, Donaghadee a corona, and Wick thunder and lightning.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.



Influenced by Atlantic disturbances crossing the Iceland region the weather over these Islands is likely to remain of the W. to S.W. type, unsettled and damp, with the wind freshening at times on the exposed western coasts.



FORECAST DISTRICTS.

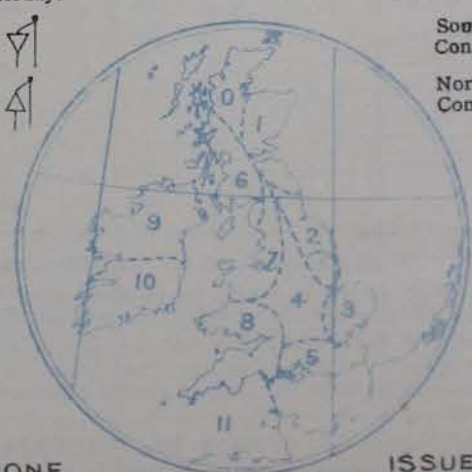
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Cone. 
North Cone. 

South Cone. 
North Cone. 



NONE

ISSUED

Monday, 7th December, 1908.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.		Hrs.	Ins.		Max.	Min.		Hrs.	Ins.
Dublin (City), to 4 p.m....				Hrs.	Ins.	Brighton, to 6 p.m. ...	51	42	*	0.0	0.03
Rossall Beach, to 6 p.m....	50	41	σ, c	*	0.43	Eastbourne, to 6 p.m. ...	51	45	*	0.0	0.07
Blackpool, to 9 p.m. ...	51	38	τ, c. b, c	2.5	0.32	Bexhill-on-Sea, to 9 p.m.	51	44	-	0.0	0.03
Southport, to 9 p.m. ...	51	41	σ, b, c, o, m	1.3	0.36	Hastings	*	*	*	0.0	*
Rhyl, to 6 p.m.	51	38	*	3.3	-	Folkestone, to 6 p.m. ...	49	45	o. r	0.0	0.02
Colwyn Bay, to 6 p.m. ...	49	43	b, c, c	4.7	0.13	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Elandudno, to 9 p.m. ...	50	42	o, σ, b, b, c	5.0	0.23	Margate, to 6 p.m.	46	44	m. r	0.0	-
Bettws-y-Coed, to 6 p.m.					*	Felixstowe, to 6 p.m. ...					
Towyn, to 6 p.m.	52	42	τ, o. b, c, o	1.6	0.23	Lowestoft, to 6 p.m. ...	48	39	c, o. p, o	0.0	0.02
Aberystwyth, to 6 p.m....	51	40	*	1.7	0.15	Skegness, to 6 p.m....	49	41	τ, c. b, c, c	1.4	0.04
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	48	41		1.8	-
Torquay, to 6 p.m....	53	43	*	1.8	0.04	Harrogate, to 6 p.m. ...	47	38	o. b, b, c, o	2.2	0.03
Weymouth, to 6 p.m. ...	53	41	m. b, c, b	3.0	0.07	Buxton, to 6 p.m.	46	38	c, σ, b, c, c	3.7	0.14
Bournemouth to 6 p.m. ...	50	38	c, b, c, b	2.2	0.06	Darwen, to 9 p.m.					
Southsea, to 6 p.m....	51	40	*	0.0	0.07	Manchester, to 9 p.m. ...	47	41	o. σ, b, c, c	0.8	0.10
Worthing, to 6 p.m. ...	51	42	τ, o, r, o	0.0	0.09	Birmingham, to 9 p.m....	49	41	c, b, c, f	3.9	0.03

STATIONS. 6 th December 1908	TEMPERATURE F.		WEATHER.	RAIN. — Ins.	STATIONS. 6 th December 1908.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.
	Max.	Min.				Max.	Min.		
Madeira			Observations not received.		St. Petersburg			Observations not received.	
Marseilles					Utrecht				
Malta					Groningen				
Algiers									
Tunis					5 th December 1908.	1.30 p.m.	1.30 p.m.		Measured 7.30 a.m.
Palermo					Geneva	32	f		—
Naples				Berne	32	m	—		
Brindisi				Coire	36	b	—		
Florence				Castasegna	39	b	—		
Rome				Lugano	41	b	—		
Vienna				Davos	34	b	—		

(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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.

(c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.

(d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

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

[illegible]

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the enquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

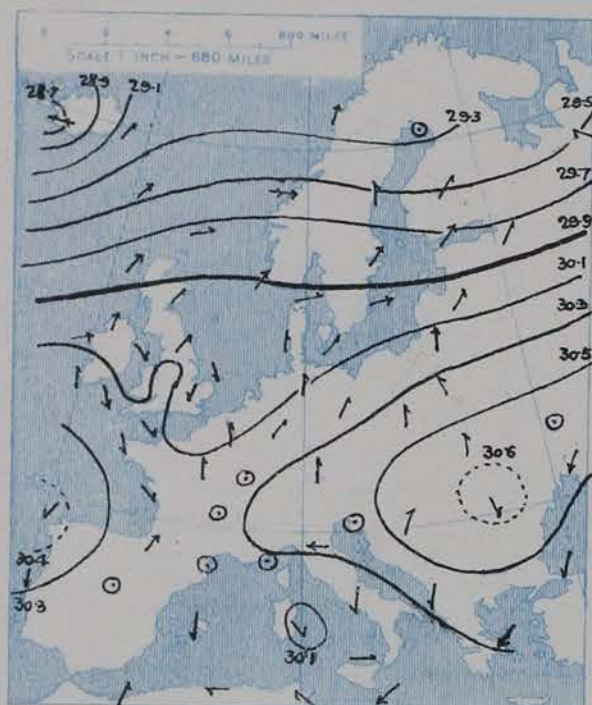
Tuesday.
18th December, 1908

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 82° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).	At 82° Fahr. and M.S.L.		Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Max.		Min.					
		Ins.					Ins.	Ins.	°	°	°					°	°		Hours.	Ins.	
SCANDINAVIA.	Haparanda...	29.19	30	S	4	o	29.15	-10	30	30	+0	SW	2	o	*	30	14	*	*	-	
	Hernösand...	29.49	30	SW	2	bc	29.27	-25	33	31	+5	Z	0	bc	*	34	25	*	*	-	
	Stockholm...	29.75	35	WSW	4	o	29.63	-17	37	35	0	WSW	6	o	*	37	30	*	*	-	
	Wisby...	29.87	40	WSW	6	bc	29.83	-12	39	36	0	SW	6	o	*	41	34	*	*	-	
	Karlstad...	29.78	37	W	2	b	29.58	-25	40	39	+3	SW	4	r	*	*	*	*	-		
	Færder (X'ania Fjord)	29.77	42	WSW	5	c	29.49	-33	45	44	+3	SSW	8	m	4	45	41	*	*	-	
	Bodö...	29.08	40	SW	8	r	28.98	-14	36	34	-2	SE	2	bc	1	41	34	*	*	-	
	Christiansund	29.36	42	S	3	o	29.07	-45	49	44	+7	WSW	1	c	5	49	39	*	*	0.12	
Skudesnaes	29.73	45	SSW	6	o	29.45	-43	48	47	+3	S	8	o	4	48	39	c, o	*	0.47		
ICELAND & FAEROE.	Reykjavik...	28.72	33	ESE	3	c	28.60	-07	30	*	-3	E	5	b	*	*	*	*	*	*	
	Blönduós...	28.76	35	Z	0	c	28.71	-18	27	*	-7	SE	3	c	*	*	*	*	*	*	
	Seydisfjord...	28.82	35	SSE	1	o	28.62	-56	34	*	+4	SW	3	c	*	*	*	*	*	*	
	Thorshavn...	29.09	46	W	4	o	28.90	-55	42	*	+1	WSW	5	c	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.39	46	WSW	4	r	29.12	-60	49	47	+7	WSW	7	r	6	49	42	c, r	*	0.58	
	Stornoway...	29.43	52	SW	6	rq	29.27	-50	42	42	-2	WSW	6	bc	5	53	41	odqp, oq, cp	0.0	0.74	
	Castlebay (Barra Id.)	29.56	52	WSW	7	rqm	29.37	-51	46	43	-1	W	5	c	5	52	44	oqpm, o, c	0.0	0.20	
	Malin Head...	29.68	49	SW	7	oqpm	29.44	-54	47	46	+5	SW	4	opm	3	50	40	cq, opgm	*	0.16	
	Blacksod Pt.	29.80	52	S	6	o	29.56	-50	43	42	-5	W	6	rqm	5	53	38	cq, pm, oq	*	0.34	
	Valencia...	30.02	51	SSW	3	r	29.74	-49	49	46	+4	W	5	o	5	53	43	c, o, r	0.0	0.32	
	Roche's Point...	30.10	50	WSW	3	c	29.72	-51	52	52	+12	WSW	6	r	6	52	38	bc, o, cp, r	*	0.10	
	Birr Castle...	29.98	48	S	3	c	29.66	-52	47	46	+14	WSW	2	c	*	52	32	op, c	0.0	0.23	
	Donaghadee...	29.94	45	SSW	3	r	29.54	-48	50	49	+14	SSE	4	r	3	51	34	c, r, q, og	*	0.08	
	Liverpool Obsy...	30.09	44	SSW	3	o	29.72	-41	50	46	+12	SSW	5	o	3	51	38	f, bc, b	0.8	-	
	Holyhead...	30.08	49	SW	5	cdpm	29.70	-33	52	50	+5	SW	8	oqp	6	52	46	bc, cdpm	*	0.06	
	Pembroke	30.17	49	SW	4	c	29.82	-30	52	50	+8	SSW	7	cqpm	6	52	43	bc, c	3.3	0.02	
	(St. Ann's Hd.)																				
	Scilly (St. Mary's)	30.24	48	W	1	c	29.95	-22	50	48	+3	WSW	5	o	4	50	46	bc, c	2.8	0.11	
	Jersey (St. Aubins)	30.28	47	WNW	2	c	30.16	+05	46	44	0	SW	4	b	3	50	38	cqpm, cmw	0.6	0.31	
	Portland Bill	30.23	49	WNW	3	bc	30.02	-08	51	48	+6	WSW	6	c	5	51	44	b, bc	2.3	-	
	Dungeness...	30.19	41	NNW	2	f	30.05	+04	50	46	+4	SW	5	bc	4	50	30	f, c, bc	0.2	-	
	Dover...	30.23	40	E	1	o	30.09	+07	47	46	+1	SW	3	b	4	47	36	od, o, b	0.0	0.02	
	Wick...	29.51	46	W	4	bc	29.26	-56	47	46	+9	W	2	c	3	50	38	-	*	0.20	
	Nairn...	29.55	50	SW	4	c	29.29	-60	46	45	+8	SW	3	r	2	52	38	bc, c, q, oq	0.5	0.08	
	Aberdeen...	29.67	45	SW	4	c	29.37	-60	50	48	+13	SSW	4	o	2	50	36	oq, o, c, q, o	0.0	-	
	Leith...	29.80	45	WSW	3	o	29.42	-61	52	50	+12	SW	4	qp	*	52	40	b, bc, c, oq	*	0.03	
	North Shields	29.95	48	SSW	4	c	29.59	-48	51	48	+18	S	4	c	2	51	31	c	*	-	
	Spurn Head	30.11	38	SW	4	f	29.80	-27	42	41	+3	SSW	6	bm	3	43	37	bc, m, f, m	*	-	
	Yarmouth...	30.16	38	W	3	f	30.03	-01	40	38	-6	SW	3	bc	3	47	35	f	0.0	-	
	Clacton-on-Sea	30.22	40	WNW	2	f	30.05	-01	43	42	-2	SSW	4	bc	2	45	37	oqpm, c, f	0.0	-	
Nottingham	30.14	36	SW	2	f	29.81	-30	44	42	+9	SW	5	c	*	44	34	fe	0.0	-		
Bath...	30.22	42	W	1	m	29.97	-15	48	46	+9	SW	3	o	*	49	37	-	2.8	-		
Oxford...	30.21	37	S	2	b	29.96	-21	44	42	+7	S	4	o	*	44	37	o, f, bm, o	*	-		
London (St. James's Pk)	30.22	40	Z	0	o	30.03	-05	43	41	+1	SSW	2	bw	*	44	35	og, o, c, b	0.0	-		
GERMANY, &c.	The Scaw (Skagen)	29.90	38	SW	2	c	29.68	-26	41	40	+2	SW	6	m	2	41	36	*	*	-	
	Fanö...	30.04	40	W	2	c	29.91	-13	42	41	+2	WSW	4	bc	*	43	37	*	*	-	
	Cuxhaven†...	30.10	40	SW	2	o	30.06	-02	41	98	+2	SW	4	o	*	41	39	*	*	0.04	
	The Helder	30.16	42	W	1	b	30.05	-01	46	44	+8	SW	4	c	3	46	38	*	*	-	
	Brussels...	*	*	*	*	*	30.20	+10	39	39	-4	SW	1	o	*	46	37	*	*	0.04	
	Berlin†...	30.14	35	Z	0	o	30.17	-03	39	95	+10	Z	0	o	*	39	28	*	*	-	
	Frankfurt†...	30.25	40	SW	3	f	30.23	+04	42	47	+6	SW	2	f	*	42	36	*	*	-	
Munich†...	30.32	39	SW	3	o	30.32	-01	39	85	+9	SW	3	o	*	39	30	*	*	-		
FRANCE.	C. Gris Nez...	30.21	44	Z	0	o	30.08	+09	47	46	+1	SW	4	c	4	52	44	*	*	0.04	
	La Hève...	30.26	45	N	3	bc	30.22	+12	43	42	0	SW	4	o	4	50	39	*	*	-	
	Brest...	30.33	44	N	1	bc	30.10	-09	51	47	+6	SW	5	b	4	52	44	*	*	-	
	Lorient...	30.27	48	N	4	b	30.16	+02	49	48	+4	WSW	5	c	5	52	41	*	*	-	
	Rochefort...	30.28	51	Z	0	b	30.27	+14	44	42	-6	ESE	2	fr	*	55	39	b	*	-	
	Biarritz...																				
	Paris...	30.26	44	SW	2	o	30.26	+19	31	31	-17	SSW	2	f	*	51	31	*	*	-	
	Belfort...	30.25	42	WSW	3	m	30.32	+10	38	37	+1	W	3	c	*	48	37	*	*	-	
Lyons...	30.35	41	SSE	1	b	30.41	+15	29	29	-5	Z	0	b	*	50	29	*	*	-		
Nice...	30.34	44	E	4	c	30.36	+09	43	38	+1	Z	0	o	2	52	41	*	*	-		
Perpignan...	30.32	48	NE	1	c	30.33	+12	44	44	0	N	2	o	*	57	40	*	*	-		
Sanguinaire	30.22	53	SW	4	o	30.30	+16	50	48	-3	E	2	b	2	61	46	*	*	-		
SPANISH PENIN.	Corunna...																	*	*	-	
	Lisbon...																	*	*	-	
	Azores (P. Delgada)...																	*	*	-	
„ Horta	30.57	52	NW	3	b	30.52	-09	57	51	+5	WNW	2	o	2	63	52	*	*	-		

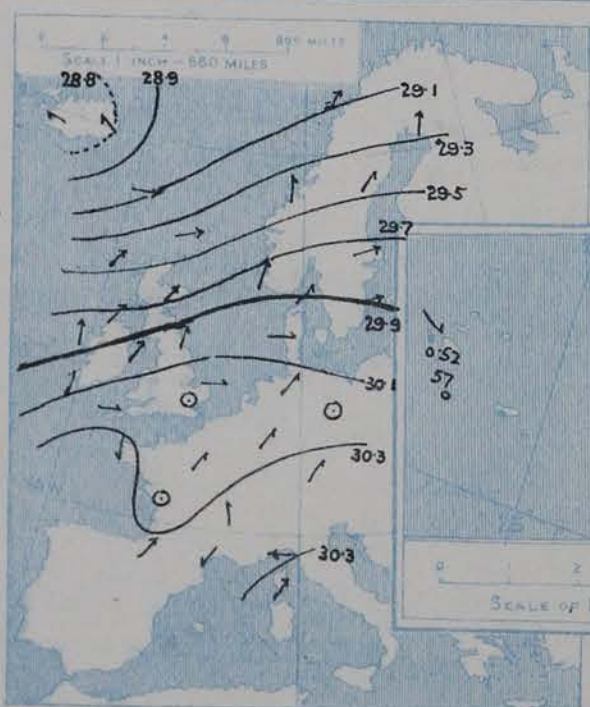
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

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

7 A.M. YESTERDAY.

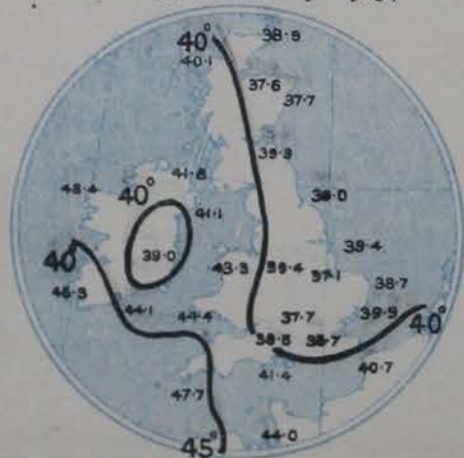


6 P.M. YESTERDAY



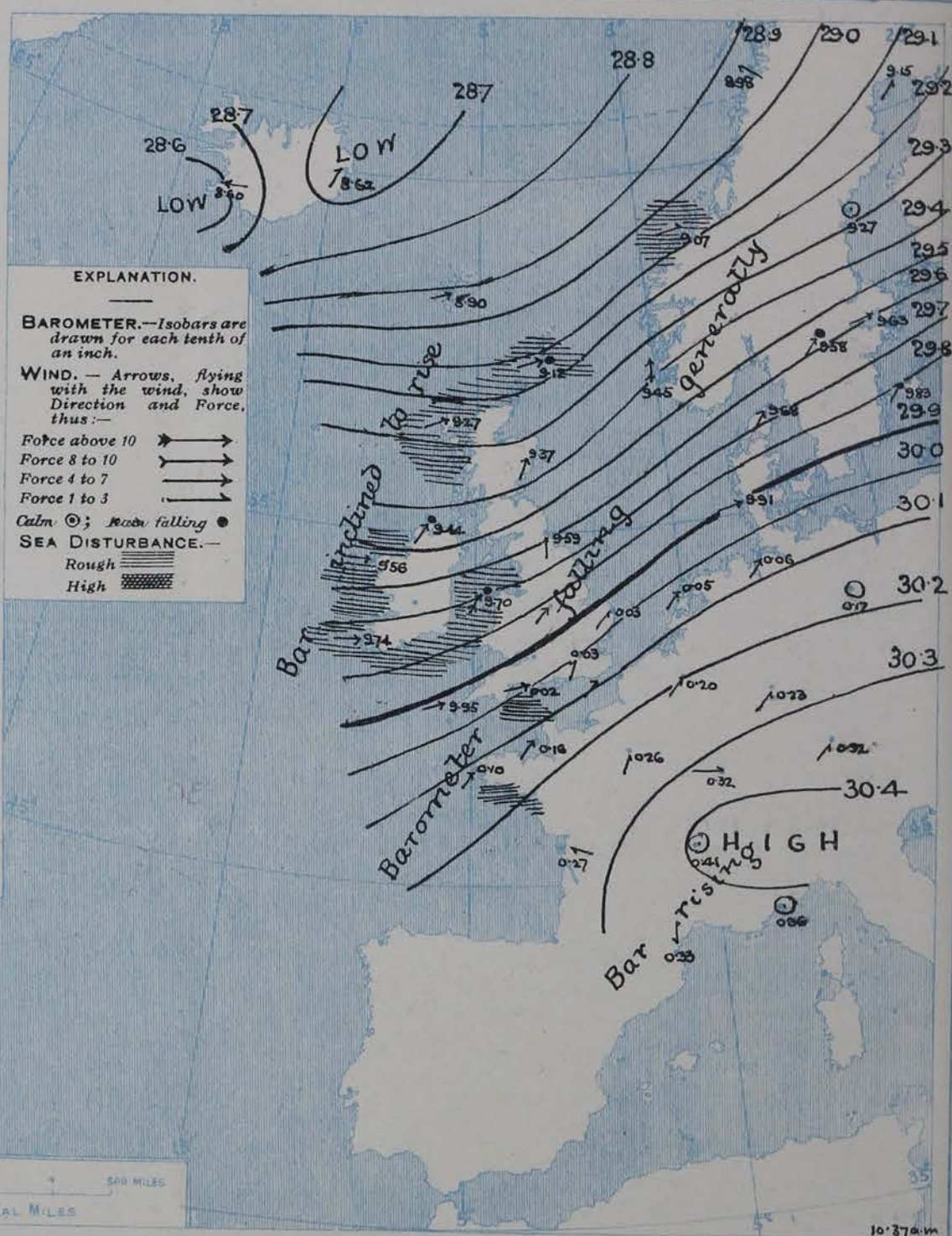
AVERAGES OF TEMPERATURE, AT 8 A.M. FOR THE MONTH OF DECEMBER.

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



Tuesday, WEATHER

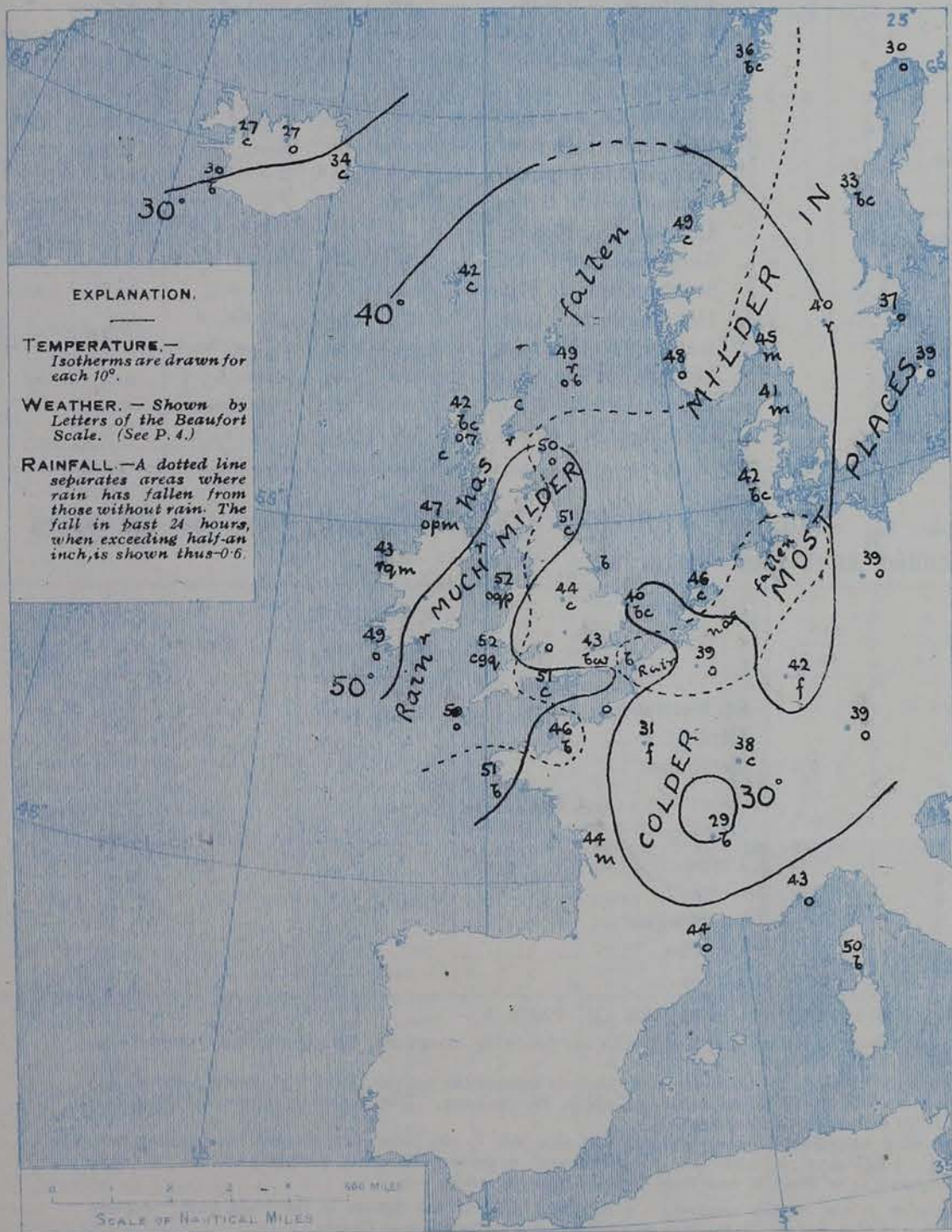
1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.



CHARTS

8th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

In the course of the past 24 hours temperature has reached 50° and upwards at the majority of stations, 53° at Stornoway, Blackpool Point and Valencia, but Skegness reports a maximum of only 38°. Rain has fallen generally over the western and northern districts, 0.6 inch at Sumburgh Head, and 0.7 inch at Stornoway, much smaller amounts elsewhere. At many stations there was either no bright sunshine or less than an hour, but Brighton, Hastings and Plymouth had more than 5 hours, and Torquay over 6 hours. Stornoway, Donaghadee and Spurn Head report a lunar halo, and Barn a corona.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The barometer is now inclined to rise at all the west coast stations, and it is probable therefore that the Arctic depression will travel away on a N.E. course. A decrease in the strength of the wind is likely, the weather continuing of an unsettled type 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.W. to W. winds, fresh or strong
to high, moderating later; squally,
changeable, rain at times; mild.

1 }
2 } S. to W. winds, fresh or
strong at times locally;
3 } gusty, changeable, local
4 } showers; mild.

5 }
6 }
7 }
8 } Same as No. 0.

WESTERN CHANNEL AND BAY

S. to W. winds, fresh or strong to high; sea rough; squally, fair to dull, some showers, local mist or fog; mild.

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.



Thorne

issued.

Tuesday, 8th December, 1908.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	47	35	r. b. c. b	*	0.14	Brighton, to 6 p.m. ...	45	42	*	5.3	-
Rossall Beach, to 6 p.m....	45	28	x. f. c. o	*	-	Eastbourne, to 6 p.m. ...	46	38	*	5.2	0.04
Blackpool, to 9 p.m. ...	47	29	om. f. c. o	0.3	-	Bexhill-on-Sea, to 9 p.m.	51	44	b. f	2.2	0.06
Southport, to 9 p.m. ...	46	31	or. om. o	0.0	0.03	Hastings	*	*	*	1.8	*
Rhyl, to 6 p.m.	47	37	*	0.8	-	Folkestone, to 6 p.m. ...	48	39	r. o. c	0.3	0.45
Colwyn Bay, to 6 p.m. ...	46	36	b. b. b. c	1.6	-	Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.65
Elandudno, to 9 p.m. ...	50	37	b. b. c. o. c	2.1	-	Margate, to 6 p.m.	47	45	r. o	0.0	0.58
Bettws-y-Coed, to 6 p.m.	?	40	c. b. b. c	1.3	*	Felixstowe, to 6 p.m. ...	45	38	*	1.0	0.05
Towyn, to 6 p.m.	48	32	c. b. c. b. c	2.4	0.02	Lowestoft, to 6 p.m. ...	47	38	r. c. o. f	3.0	0.02
Aberystwyth, to 6 p.m....	47	36	*	2.2	0.05	Skegness, to 6 p.m....	38	33	m. f. b. c. f	2.2	-
Plymouth, to 9 p.m. ...	51	38	b. c	5.2	-	Scarborough, to 9 p.m. ...	44	35	c	4.5	-
Torquay, to 6 p.m....	51	40	*	6.1	0.14	Harrogate, to 6 p.m. ...	42	30	o. b. c. c	4.7	-
Weymouth, to 6 p.m. ...	51	39	m. b. c. b	2.3	-	Buxton, to 6 p.m.	41	30	f. or. b. c. c	0.8	0.14
Bournemouth to 6 p.m....	47	36	c. b. c	3.8	-	Darwen, to 9 p.m.	40	38	o. m. b. c. f	0.5	-
Southsea, to 6 p.m....	42	38	*	0.6	-	Manchester, to 9 p.m. ...	42	35	o. om. c	0.0	-
Worthing, to 6 p.m. ...	46	38	c. b	4.0	-	Birmingham, to 9 p.m....	45	36	f. c. b	0.2	-

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.
	Max.	Min.				Max.	Min.		
7 th December, 1908.	°	°			7 th December, 1908.	°	°		
Madeira					St. Petersburg	23	12	o, s	0.04
Marseilles	61	43	o, c	-	Utrecht	39	36	o, f	0.04
Malta	62	53	c	1.02	Groningen	41	37	r, o	-
Algiers	64	54	b, b	-					
Tunis	64	43	bc, bc	-	6 th Dec., 1908.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Palermo	62	43	b, bc	0.63	Geneva	Observations not received.			
Naples	51	37	b, b	-	Berne		*		
Brindisi	56	39	b, b	-	Coire		*		
Florence	49	29	b, b	-	Castasegna		*		
Rome	50	30	b, b	-	Lugano		*		
Vienna	32	18	b, o	-	Davos		*		

(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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.

(c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.

(d) 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 fall; 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.

[illegible]

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the enquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

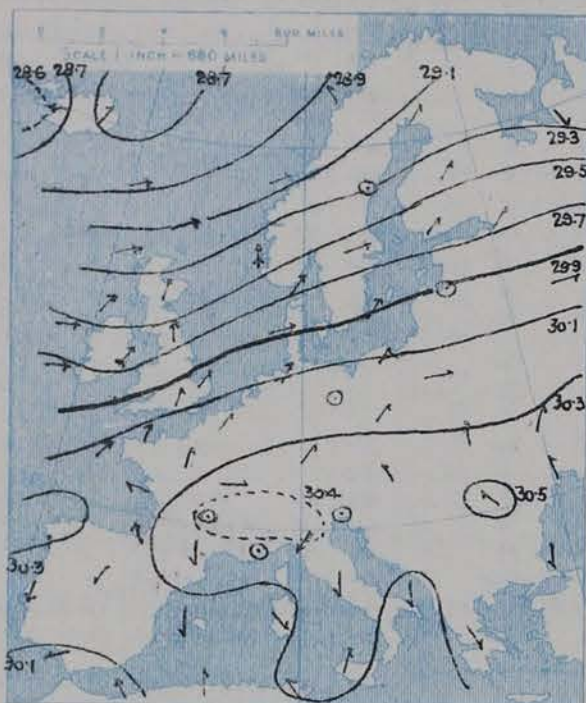
Wednesday,
9th December, 1908

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.	Dry Bulb.	Dir.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Max.	Min.	Hours.	Ins.							
Haparanda...		29.16	28	2	0	0	29.21	+0.6	32	31	+2	SW	2	C	32	16	*	*	0.28		
Hernösand...		29.22	32	2	0	bc	29.36	+0.9	36	34	+3	2	0	0	36	28	*	*	-		
Stockholm...		29.54	43	WSW	8	0	29.65	+0.2	42	41	+5	SW	4	0	43	34	*	*	-		
Wisby...		29.75	41	SW	6	0	29.80	-0.3	41	38	+2	WSW	6	0	41	34	*	*	0.08		
Karlstad...		29.55	43	WSW	4	0	29.56	-0.2	42	42	+2	WSW	6	0	41	34	*	*	-		
Færder (X'iania Fjord)		29.49	45	SW	7	m	29.48	-0.1	45	44	0	SSW	6	0	45	45	*	*	-		
Bodö...		28.91	44	SE	4	0	29.02	+0.4	41	38	+5	SW	8	r	44	34	*	*	0.39		
Christiansund...		29.21	43	WSW	7	C	29.26	+1.9	41	38	-8	SSW	1	0	49	37	*	*	0.55		
Skudesnaes...		29.42	47	SSW	4	r	29.59	+1.4	45	43	-3	SW	6	bc	48	43	r	*	0.24		
Reykjavik...		28.76	27	N	2	bc	29.16	+5.6	32	*	+2	N	8	b	*	*	*	*	*		
Blönduós...		28.83	34	E	8	S	29.21	+5.0	33	*	+6	E	1	C	*	*	*	*	*		
Seydisfjord...		28.77	33	SW	2	bc	28.95	+3.3	32	*	-2	SE	1	b	*	*	*	*	*		
Thorshavn...		29.04	40	W	4	b	28.99	+0.9	37	*	-5	Z	0	bc	*	*	*	*	*		
Sumburgh Head		29.26	43	WSW	4	0	29.23	+1.1	41	38	-8	WSW	4	b	44	37	c. o	*	0.21		
Stornoway...		29.29	39	SW	4	C	29.16	-1.1	40	40	-2	SW	6	C	44	35	crhpg, cplg	0.6	0.15		
Castlebay (Barra Id.)		29.36	42	W	5	op	29.22	-1.5	45	42	-1	WSW	6	op	47	38	c. bc, op, l. c	1.2	0.09		
Malin Head		29.44	40	SW	7	chpg	29.32	-1.2	39	39	-8	SW	6	cq, p	47	35	cq, hpl, op	*	0.13		
Blacksod Pt.		29.57	42	S	5	op	29.44	-1.2	43	40	0	WSW	5	bc, op	46	38	bc, cq, p	*	0.27		
Valencia		29.67	44	WSW	5	op	29.65	-0.9	44	42	-5	SW	4	bc	50	40	bc, op, bc, p	2.9	0.15		
Roche's Point...		29.73	44	W	3	b	29.67	-0.5	39	38	-13	W	2	b	52	38	r, bc, b, bc, p	*	0.20		
Birr Castle		29.64	37	S	3	b	29.57	-0.9	35	34	-12	S	2	b	47	33	c, p, b	1.1	0.02		
Donaghadee		29.59	40	WSW	3	b	29.52	-0.2	35	34	-15	SSW	2	b	51	34	o, cq, bc, bc, x	*	0.03		
Liverpool Obsy...		29.66	42	SW	3	r	29.62	-1.0	36	35	-14	SE	3	C	52	34	c, r, bc	0.0	0.14		
Holyhead		29.67	45	WNW	5	C	29.58	-1.2	42	41	-10	W	4	C	52	40	r, c	*	0.69		
Pembroke (St. Ann's Hd.)		29.72	47	WNW	4	bc	29.64	-1.8	46	42	-6	WSW	5	bc, p	53	43	cq, op, bc	0.1	0.42		
Scilly (St. Mary's)		29.79	48	WNW	4	C	29.70	-2.5	47	45	-3	W	4	C	54	46	o, c	0.8	0.38		
Jersey (St. Aubins)		29.94	50	SW	5	0	29.77	-3.9	43	43	-3	W	4	0	53	43	ogm, c, otm	3.3	0.24		
Portland Bill		29.75	52	SSW	8	op	29.72	-3.0	49	46	-2	WSW	2	bc	52	45	og, q, p	1.1	0.26		
Dungeness		29.86	50	SW	7	0	29.73	-3.2	47	46	-3	WNW	3	r	50	44	cp, op, p	2.4	0.10		
Dover		29.88	48	SW	6	0	29.74	-3.5	45	45	-2	WSW	1	0	49	41	bc, c, o, r, o	2.7	0.07		
Wick		29.34	38	W	3	b	29.27	+0.1	38	35	-9	W	4	bx	49	35	-	*	-		
Nairn		29.37	37	W	1	C	29.31	+0.2	35	34	-11	SW	4	bc	46	35	cp, cq, p, cq	0.6	0.17		
Aberdeen		29.42	42	SW	2	C	29.40	+0.3	38	37	-12	SSW	3	b	50	37	op, c, b	0.0	0.09		
Leith		29.48	46	WSW	2	C	29.43	+0.1	41	38	-11	SW	3	b	53	39	op, o, c, b	*	0.01		
North Shields		29.57	46	SSW	3	op	29.57	-0.2	37	36	-14	S	3	C	53	35	op	*	0.01		
Spurn Head		29.65	46	WNW	4	r	29.66	-1.4	37	37	-5	SW	3	bc	47	36	crq, o, bc	*	0.12		
Yarmouth		29.81	47	SW	5	C	29.74	-2.9	42	41	+2	W	2	cp	48	39	C	4.0	0.08		
Clacton-on-Sea		29.84	47	SSE	5	C	29.73	-3.2	41	41	-2	WNW	1	o	48	40	bc, c, op, o	1.5	0.10		
Nottingham		29.69	43	W	3	r	29.69	-1.2	32	32	-12	SW	1	fe	51	31	-	0.6	0.08		
Bath		29.74	50	SSW	6	r	29.73	-2.4	32	30	-16	NE	3	m	52	31	-	0.0	0.11		
Oxford		29.74	45	NNW	3	r	29.74	-2.2	37	36	-7	S	2	cm	50	36	c, op, op, c	*	0.08		
London (St. James's Pk)		29.80	49	SW	4	op	29.73	-3.0	40	40	-3	SW	1	C	50	40	bc, op, op, bc	2.3	0.15		
The Scaw (Skagen)		29.63	45	WSW	5	m	29.60	-0.8	44	44	+3	SW	6	m	45	41	*	*	0.04		
Fanö		29.80	44	S	4	C	29.74	-1.7	42	42	0	SW	4	C	45	41	*	*	-		
Cuxhaven†		29.96	42	SW	4	0	29.86	-2.0	38	37	-3	SSW	4	b	45	39	*	*	-		
The Helder		29.88	43	SSW	7	0	29.76	-2.9	42	42	-4	S	5	0	46	34	*	*	-		
Brussels		*	*	*	*	*	29.87	-3.3	41	40	+2	SSE	4	bc	46	39	*	*	-		
Berlin†		30.12	40	2	0	b	30.06	-1.1	34	32	-5	Z	0	b	41	32	*	*	-		
Frankfurt†		30.15	43	SW	3	0	30.06	-1.7	38	37	-4	W	1	f	48	37	*	*	-		
Munich†		30.25	38	S	1	0	30.20	-1.2	32	100	-7	SE	2	C	43	30	*	*	-		
C. Gris Nez		29.89	43	SW	5	C	29.76	-3.2	44	44	-3	S	5	r	48	43	*	*	0.08		
La Hève		30.02	43	SW	4	b	29.78	-4.4	42	41	-1	SW	4	r	46	39	*	*	0.47		
Brest		29.88	53	SW	7	0	29.81	-2.9	48	45	-3	SSW	3	0	54	45	*	*	0.16		
Lorient		29.92	52	SSW	6	0	29.76	-4.0	48	48	-1	NNW	3	C	57	46	*	*	0.47		
Rochefort		30.10	48	SSE	4	bc	29.87	-4.0	48	48	+4	S	4	0	57	44	c, bc	*	-		
Biarritz		30.13	50	E	2	b	29.97	-3.1	54	48	+5	SW	5	C	55	46	*	*	-		
Paris		30.10	42	SSE	2	0	29.91	-3.5	38	38	+7	S	2	b	44	37	*	*	-		
Belfort		30.24	41	W	3	m	30.06	-2.6	37	35	-1	ESE	4	C	45	33	*	*	-		
Lyons		30.25	41	2	0	b	30.10	-3.1	37	37	+8	S	1	bc	45	29	*	*	-		
Nice		30.38	45	ESE	2	0	30.18	-1.8	40	38	-3	Z	0	bc	52	39	*	*	-		
Perpignan		30.19	51	S	1	b	30.01	-3.2	47	46	+3	Z	0	0	57	43	*	*	-		
Sanguinaire		30.22	55	SW	2	0	30.10	-2.0	48	45	-2	E	3	0	61	46	*	*	-		
Corunna		30.16	51	NNE	3	b	30.17	-0.3	54	53	+5	WNW	4	0	57	49	*	*	0.16		
Lisbon		30.16	51	NNE	3	b	30.17	-0.3	54	53	+5	WNW	4	0	57	49	*	*	-		
Azores (P. Delgada)		30.47	59	2	0	b	30.47	-0.5	54	53	-3	NW	1	b	66	54	*	*	-		
Horta		30.47	59	2	0	b	30.47	-0.5	54	53	-3	NW	1	b	66	54	*	*	-		

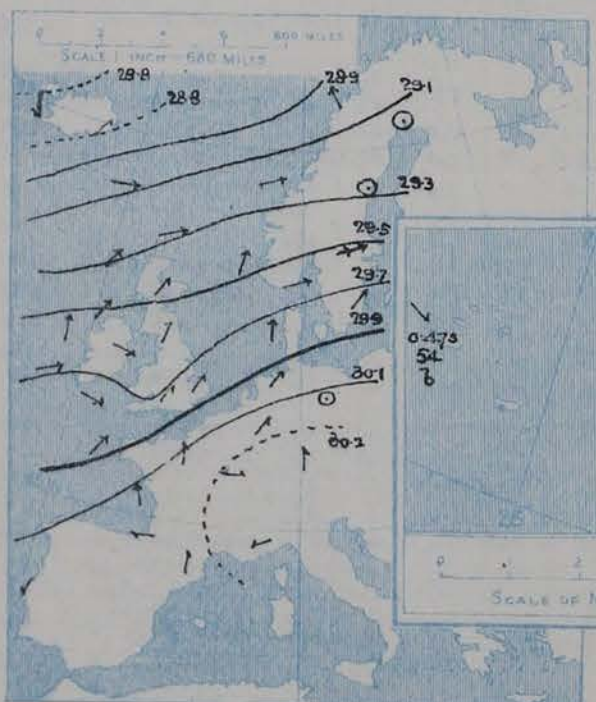
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

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

7 A.M. YESTERDAY.

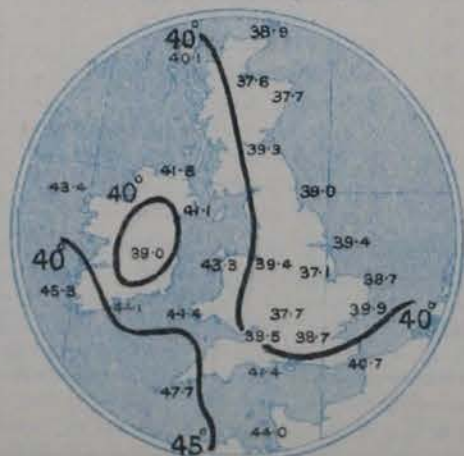


6 P.M. YESTERDAY



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

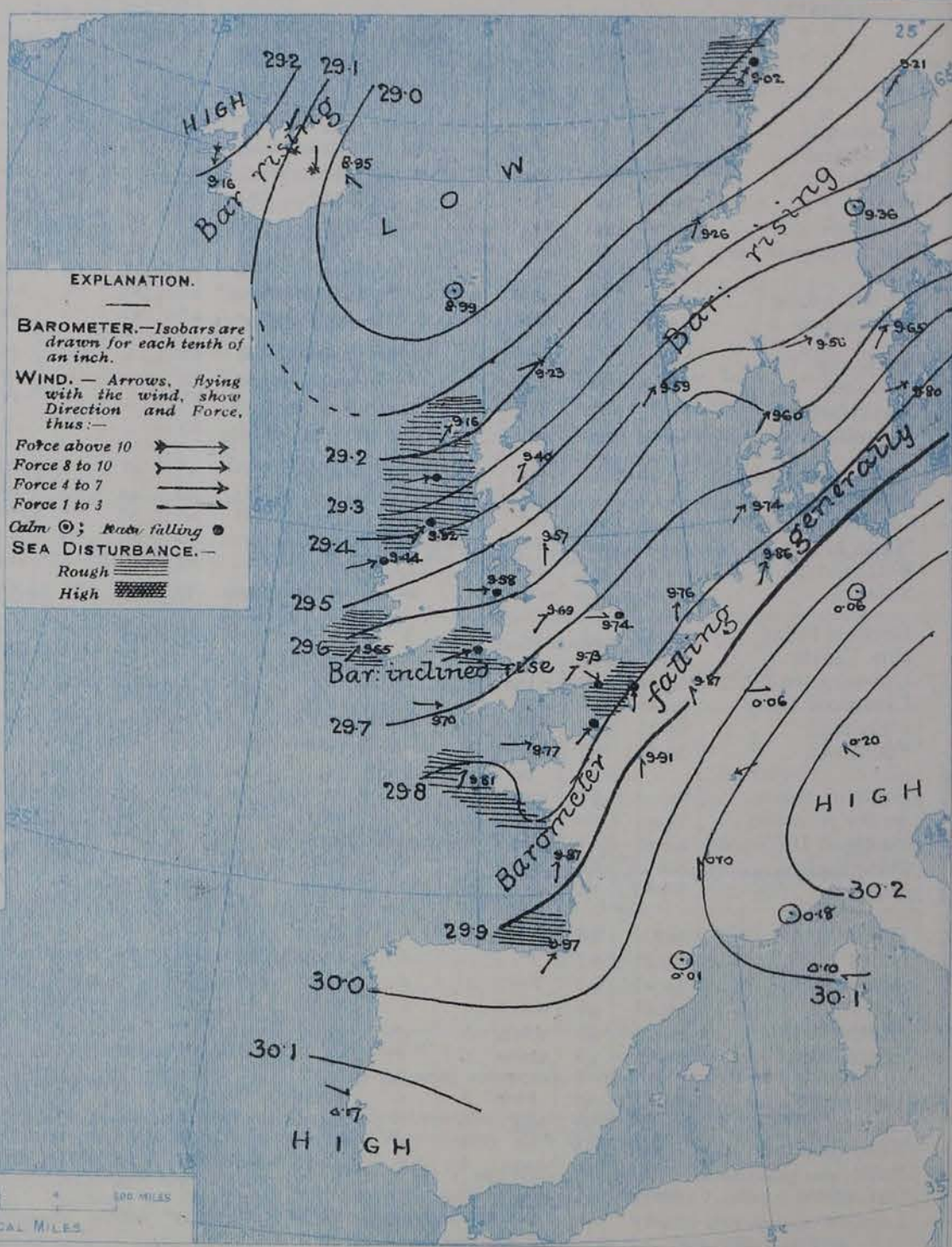
(Derived chiefly from Observations extending over the 35 years—1871-1905.)



Wednesday.

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

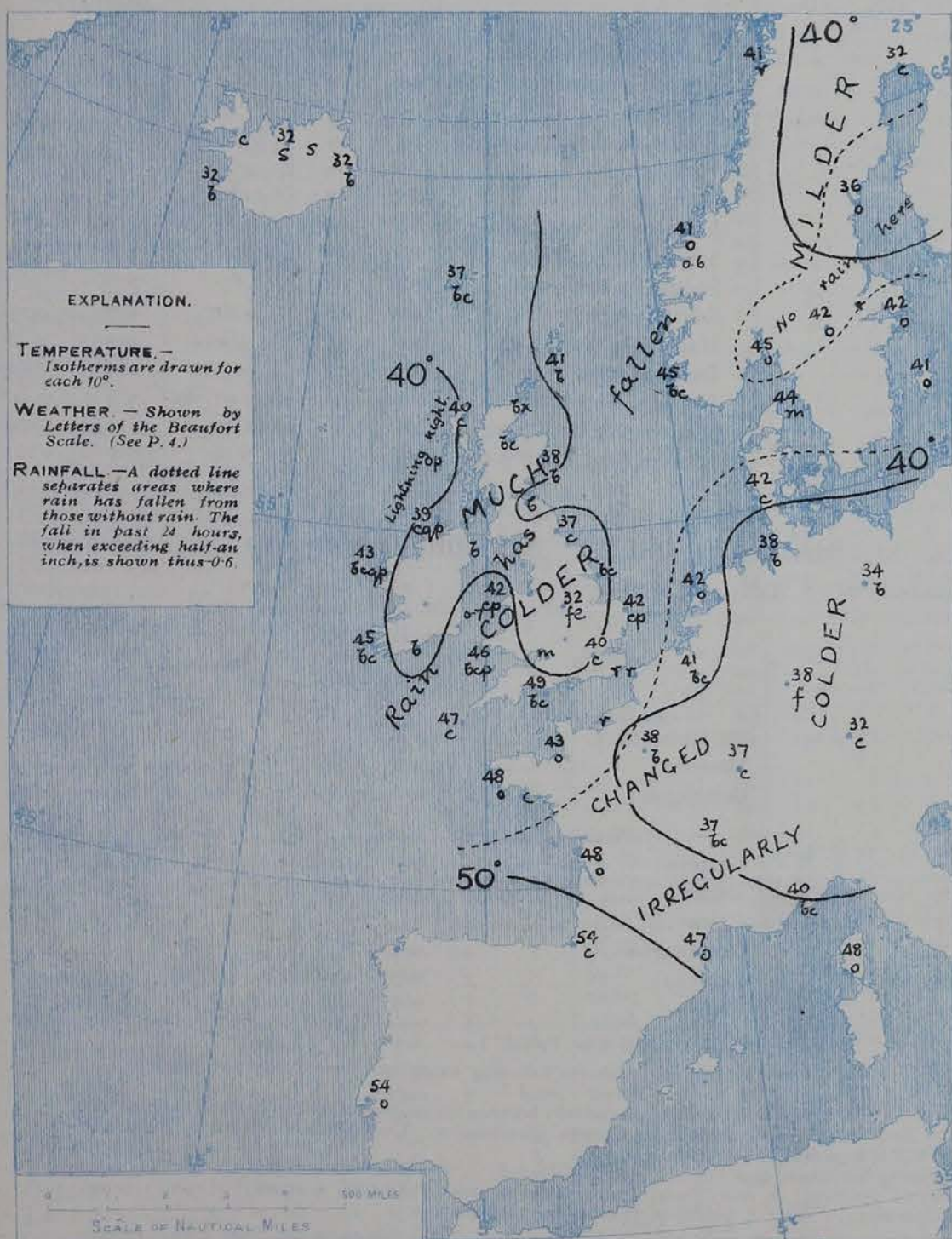
The region of highest pressure is now over the Atlantic, with the barometer at about 30.5 ins. at the Azores. In an anticyclone over the Bazarrian region pressure is above 30.2 ins. The lowest pressure, below 29 ins., is found between Iceland and Norway. Small shallow irregularities of pressure are found over the British Isles and the Bay of Biscay. The gradient is moderate across Scotland and thence to Norway, slight in most other neighbourhoods.

Winds from between S. and W. prevail over nearly the whole of the region under observation, N. in Iceland. In most localities the force is moderate to very light, but a strong breeze is reported on our north-western coasts and at most stations in Southern Scandinavia, a gale at Bodø and in the southwest of Iceland. Temperature has fallen rather decidedly over the British Isles, changed irregularly elsewhere. At the home stations the readings range from 32° at Bath and Nottingham to 49° at Portland Bill; in Scandinavia from 32° at Haparanda to 45° at Faerder and Skudsmoes; over Western Europe from 32° at Munich to 54° at Biarritz; and in Iceland from 28° to 33°. Both at home and abroad the weather varies from clear and cloudless to overcast and dull, showers are falling in various parts of these islands, in the northeast of France and the north of Norway, snow in the northeast of Iceland. There is a thick wet fog at Nottingham, and Frankfurt reports fog.

CHARTS

9th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 50° and upwards in nearly all parts of these islands, to 54° at Scilly. In the night Bath and Nottingham registered 31° in the shade. Rain has fallen generally, 0.7 inch at Holyhead. At most stations there was either no bright sunshine or less than an hour, but Folkestone and Yarmouth had 4 hours, Margate 4.8 hours, and Ramsgate 5.3 hours.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

There are no indications of any decided modification in the general type of conditions, which will remain under the influence of Atlantic disturbances travelling towards the Iceland region, and their secondaries moving eastward across the British Isles.

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, strong to moderate; unsettled, some rain, fair intervals; moderate temperature

1 { Light to moderate S.W. (S. to W.) breezes; changeable, some showers, fair or fine intervals locally; cool to moderate temperature.

6 Same as No. 0

7 Same as Nos. 1 to 5

9 Same as No. 0

10 Same as Nos. 1 to 5.

II WESTERN CHANNEL AND BAY
S. to W. winds, fresh to strong at times; sea moderate to rather rough; changeable, gusty, some showers and mist; cool.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

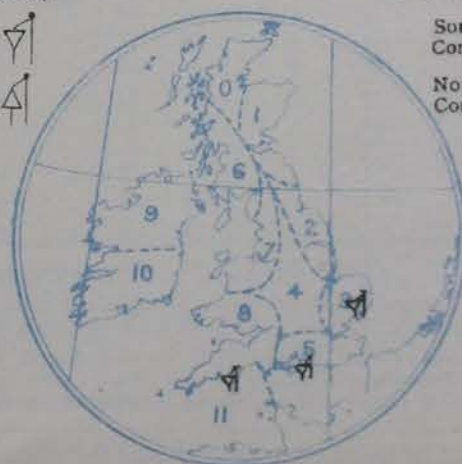
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



Wednesday, 9th December, 1908.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.
	Max.	Min.		Hrs.	Inch.
Dublin (City), to 4 p.m....	52	40	q.or.f.bc	*	0.11
Rossall Beach, to 6 p.m....	50	43	or.o	*	0.38
Blackpool, to 9 p.m. ...	50	44	o.r.op.c	0.0	0.27
Southport, to 9 p.m. ...	51	42	o.bc.p.bc	0.0	0.42
Rhyl, to 6 p.m.	52	43	*	0.0	0.28
Colwyn Bay, to 6 p.m. ...	51	41	d.r	0.0	0.41
Llandudno, to 9 p.m. ...				0.0	
Bettws-y-Coed, to 6 p.m.	51	42	c	0.0	*
Towyn, to 6 p.m.	50	36	o.r,o	0.0	0.64
Aberystwyth, to 6 p.m....	52	46	*	0.0	0.35
Plymouth, to 9 p.m. ...	52	36	o.bc.or.bcm	0.2	0.26
Torquay, to 6 p.m.... ..	52	37	*	0.5	0.09
Weymouth, to 6 p.m. ...	53	43	b.c.p	1.1	-
Bournemouth to 6 p.m....	52	38	c.b.o	1.0	-
Southsea, to 6 p.m.... ..	51	36	*	0.0	-
Worthing, to 6 p.m. ...	51	31	c.o	1.2	-

STATIONS. 8 th December, 1908.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 8 th December, 1908.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira	66	50	r, o	0.04	St. Petersburg	36	23	o, o	0.04
Marseilles	55	39	o, b	-	Utrecht	43	37	f, o	0.04
Malta					Groningen	41	36	m, o	0.04
Algiers	66	52	bc, bc	-	7 th December, 1908. 1.30 p.m.			1.30 p.m.	Measured
Tunis	66	41	bc, bc	0.12	Geneva	39	*	bc	7.30 a.m.
Palermo	55	38	c, b	0.08	Berne	39	*	m	0.04
Naples	51	38	b, b	-	Coire	34	*	b	-
Brindisi	56	39	b, b	-	Castasegna... ..	48	*	b	-
Florence	46	27	b, b	-	Lugano	43	*	b	-
Rome	49	31	b, bc	-	Davos... ..	27	*	b	-
Vienna	25	21	c, f	-					

(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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.

(c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.

(d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

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

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.
	Lat.	Long.		Direc.	Force.		Air.		Sea.	
							Dry Bulb.	Wet Bulb.		
	o.	o.	Ins.				o.	o.	o.	

9 th - 10 th Dec., 1908.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	{	7-53	11-45	3-38
		7-54	11-46	3-37
Greenwich	{	7-55	11-52	3-50
		7-56	11-53	3-50
Wick	{	8-52	12-4	3-17
		8-53	12-5	3-17
Valencia	{	8-39	12-33	4-28
		8-40	12-34	4-28

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

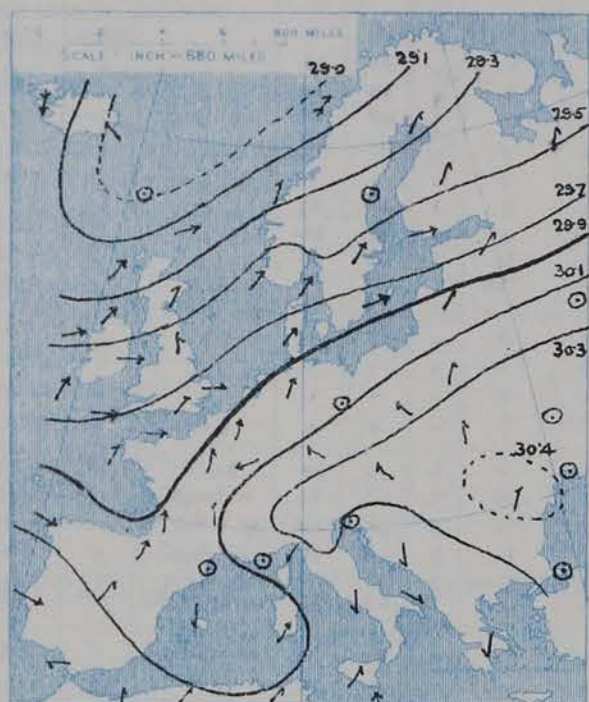
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,
10th December, 1908

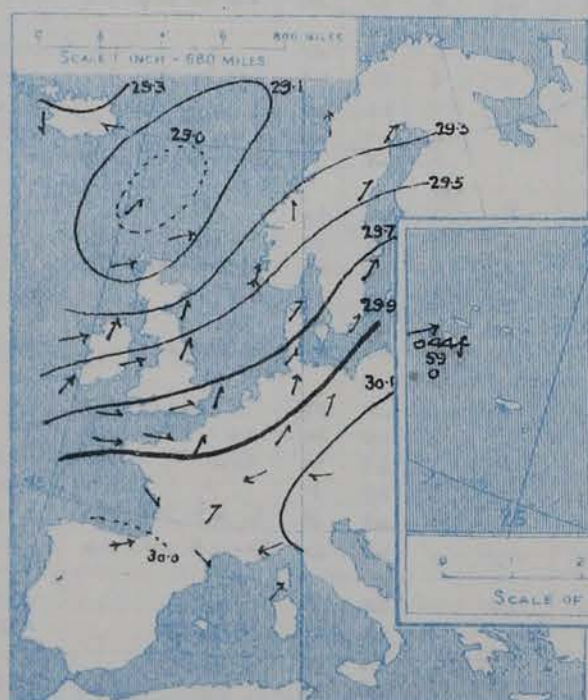
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.	Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.			
				At 32° Fahr. and M.S.L.	Dry Bulb.			Dirac.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.		Wet Bulb.	Change since Yesterday.				Dirac.	Force (0 to 12).	Max.
		Ins.	"				Ins.	Ins.	"	"	"					"	"		Hours.	Ins.	
SCANDINAVIA.	Haparanda...	29.28	30	SW	2	o	29.39	+18	26	26	-6	W	2	6	*	36	26	*	*	-	
	Hernösand...	29.49	35	SW	2	6	29.39	+03	33	32	-3	2	0	S	*	39	30	*	*	0.04	
	Stockholm...	29.72	40	SW	4	o	29.59	-06	39	38	-3	SSW	6	o	*	43	39	*	*	-	
	Wisby...	29.83	41	SW	6	o	29.70	-10	40	37	-1	S	4	o	*	41	37	*	*	-	
	Karlstad...	29.65	40	SSW	4	r	29.49	-07	40	39	-2	SSW	2	o	*	*	*	*	0.24		
	Færder (X'tania Fjord)	29.57	43	S	2	c	29.39	-09	41	40	-4	SSW	4	c	3	45	39	*	*	0.12	
	Bodö...	29.15	38	S	4	r	29.19	+17	36	35	-5	S	2	o	1	41	34	*	*	0.12	
	Christiansund...	29.32	42	S	1	bc	29.10	-16	41	34	0	SE	2	bc	5	43	36	*	*	0.24	
Skudesnaes...	29.43	46	SSW	8	o	29.20	-39	43	43	-2	S	7	rlr	5	46	36	6.0	*	0.51		
ICELAND & FAEROE.	Reykjavik...	29.18	28	N	1	bc	29.22	+06	23	*	-9	2	0	6	*	*	*	*	*	*	
	Blönduós...	29.32	32	E	5	c	29.35	+14	27	*	-6	E	2	6	*	*	*	*	*	*	
	Seydisfjord...	29.19	33	E	3	S	29.22	+27	31	*	-1	ENE	2	S	*	*	*	*	*	*	
	Thorshavn...	28.91	36	SW	1	c	28.82	-17	37	*	0	2	0	c	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.08	43	WSW	4	c	28.91	-32	40	39	-1	W	5	r	6	44	38	bc, c	*	0.19	
	Stornoway...	29.06	41	WSW	6	c	28.99	-17	37	37	-3	WSW	2	bc	2	43	34	c, bc, cgp	0.5	0.14	
	Castlebay (Barra Id.)	29.18	44	WNW	5	chp	28.98	-24	45	42	0	SSW	2	c	3	46	40	op, c, chp, bc	0.3	0.15	
	Malin Head...	29.29	41	SSW	6	cgp, m	29.01	-31	38	38	-1	S	3	bc	2	45	38	cgp, cgp, l	*	0.21	
	Blacksod Pt.	29.43	45	WSW	5	cgp, hp	28.98	-46	45	45	+2	SW	4	opm	3	47	39	bc, cgp, r	*	0.21	
	Valencia...	29.53	46	SW	4	cp	29.16	-49	51	49	+7	WSW	6	c	6	53	38	bc, cp, r, bc	0.1	0.50	
	Roche's Point...	29.61	45	W	3	o	29.11	-56	50	48	+11	WSW	4	6	4	52	39	bc, c, o, r, b	*	0.31	
	Birr Castle...	29.54	40	S	2	c	29.03	-54	42	41	+7	WSW	2	oru	*	47	34	cp, c	3.0	0.20	
	Donaghadee...	29.45	39	SSE	3	6	29.08	-44	41	41	+6	SSW	2	r	1	41	33	bc, or	*	0.13	
	Liverpool Obsy...	29.57	43	SSW	3	bc	29.05	-57	41	40	+5	ESE	4	r	2	45	36	or, bc, b	5.0	0.04	
	Holyhead...	29.56	45	WSW	4	bc	28.93	-65	43	43	+1	S	7	rgm	6	46	40	bc	*	0.40	
	Pembroke (St. Ann's Hd.)	29.64	48	WSW	6	c	29.04	-60	53	50	+7	WSW	8	og	6	53	43	bc, bc, chp	3.9	0.25	
	Scilly (St. Mary's)	29.75	48	W	3	c	29.27	-43	52	50	+5	W	5	o	5	52	47	c	6.0	0.24	
	Jersey (St. Aubins)	29.83	45	W	3	bc	29.42	-35	47	47	+4	S	7	r	5	53	43	cgp, bc, org	3.4	0.40	
	Portland Bill...	29.74	49	W	4	b	29.20	-52	49	49	0	SSW	9	rg	7	52	45	c, b	3.0	0.16	
	Dungeness...	29.73	45	SW	3	bc	29.42	-31	49	46	+2	SSW	7	o	6	49	40	r, bc, p, c	1.5	0.23	
	Dover...	29.74	47	SW	3	o	29.46	-28	47	43	+2	S	5	c	6	48	37	or, o, c, or, c	1.2	0.13	
	Wick...	29.11	29	W	4	c	29.01	-26	36	34	-2	W	3	bc	2	42	34	-	*	-	
	Nairn...	29.17	37	WSW	4	r	29.06	-25	32	31	-3	2	0	c	1	40	32	org	4.0	0.22	
	Aberdeen...	29.27	40	SSW	3	c	29.10	-30	37	36	-1	S	1	c	2	42	37	b, bc, c, bc	3.7	-	
Leith...	29.31	41	SW	2	b	29.09	-34	41	39	0	S	1	o	*	44	39	b, cp	*	0.01		
North Shields...	29.47	39	SSW	3	c	29.18	-39	39	37	+2	S	3	o	2	43	34	bc, m, c	*	-		
Spurn Head...	29.60	41	SW	4	b	29.24	-42	42	41	+5	S	6	p	4	43	36	or, bc, qp	*	0.01		
Yarmouth...	29.71	41	SSW	2	bc, m	29.46	-28	44	42	+2	SSW	5	c	4	45	37	c, bc, m	0.3	-		
Clacton-on-Sea...	29.73	45	SW	2	c	29.40	-33	46	44	+5	S	6	c	5	46	39	og, c, bc, m	0.6	-		
Nottingham...	29.64	38	SW	2	b	29.20	-49	43	42	+1	S	4	r	*	43	31	bc, m, b	1.3	0.05		
Bath...	29.73	43	SE	1	b	29.17	-56	48	47	+16	SW	6	r	*	48	31	-	4.2	0.37		
Oxford...	29.72	39	SSW	2	b	29.15	-59	44	43	+7	SSE	7	r	*	45	36	bc, b, bc, org	*	0.14		
London (St. James's Pk)	29.74	42	WSW	2	b	29.36	-37	47	44	+7	S	4	ogp	*	48	40	bc, m, c, b, ogp	1.3	0.01		
GERMANY, & C.	The Scaw (Skagen)	29.59	43	SW	3	r	29.48	-12	41	40	-3	SW	4	bc	1	45	41	*	*	0.16	
	Fanö...	29.69	44	SW	2	bc	29.55	-19	41	40	-1	S	2	c	*	45	39	*	*	0.24	
	Cuxhaven†...	29.78	42	SSW	4	o	29.65	-21	39	38	+1	S	2	o	*	46	38	*	*	-	
	The Helder...	29.71	45	SW	3	c	29.57	-19	36	36	-6	S	2	6	3	45	36	*	*	0.08	
	Brussels...	*	*	*	*	*	29.69	-18	40	39	-1	SSW	5	o	*	49	39	*	*	0.12	
	Berlin†...	29.97	36	SSW	2	b	29.65	-41	34	87	0	SE	2	c	*	41	32	*	*	-	
	Frankfurt†...	29.94	36	SW	1	f	29.83	-23	39	91	+1	W	1	o	*	45	34	*	*	0.04	
	Munich†...	30.11	27	E	3	b	30.04	-16	26	95	-6	S	3	bc	*	43	23	*	*	-	
FRANCE.	C. Gris Nez...	29.78	46	WSW	3	r	29.50	-26	39	39	-5	S	5	o	5	48	39	*	*	0.20	
	La Hève...	29.82	45	WSW	4	c	29.54	-24	39	38	-3	SW	6	o	6	50	36	*	*	0.04	
	Brest...	29.89	50	W	4	bc	29.42	-39	55	55	+7	WSW	6	f	7	55	48	*	*	0.04	
	Lorient...	29.88	48	WNW	5	b	29.45	-31	64	54	+6	WSW	7	r	7	54	45	*	*	0.47	
	Rocheport...	30.13	50	NW	2	c	29.82	-05	53	52	+5	WSW	5	r	*	55	48	*	*	0.32	
	Biarritz...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
	Paris...	29.86	44	SSW	2	r	29.77	-14	41	40	+3	SSW	3	o	*	51	38	*	*	0.08	
	Belfort...	29.97	42	ENE	4	c	29.91	-15	39	?	+2	WSW	5	o	*	48	35	*	*	0.04	
	Lyons...	30.01	47	SW	1	c	30.01	-09	40	37	+3	2	0	b	*	54	37	*	*	0.04	
	Nice...	30.08	46	ENE	4	c	30.00	-18	45	40	+5	2	0	o	4	50	39	*	*	-	
Perpignan...	29.96	54	NW	1	o	30.05	+04	46	43	-1	NW	3	b	*	60	45	*	*	-		
Sanguinaire...	30.00	53	SW	4	o	29.94	-16	54	50	+6	WSW	2	o	3	55	48	*	*	-		
SPANISH PENIN.	Corunna...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-	
	Lisbon...	30.25	53	NW	3	o	30.32	+15	54	51	0	WSW	1	b	*	59	50	*	*	-	
	Azores (P. Delgada)...	30.46	59	WSW	4	c	30.44	-03	59	54	-5	WSW	4	o	2	64	54	*	*	-	

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

7 A.M. YESTERDAY.

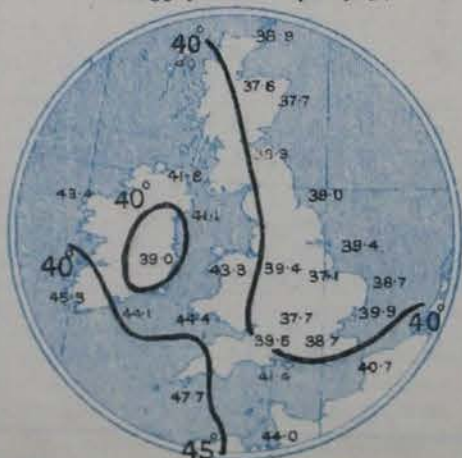


6 P.M. YESTERDAY



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

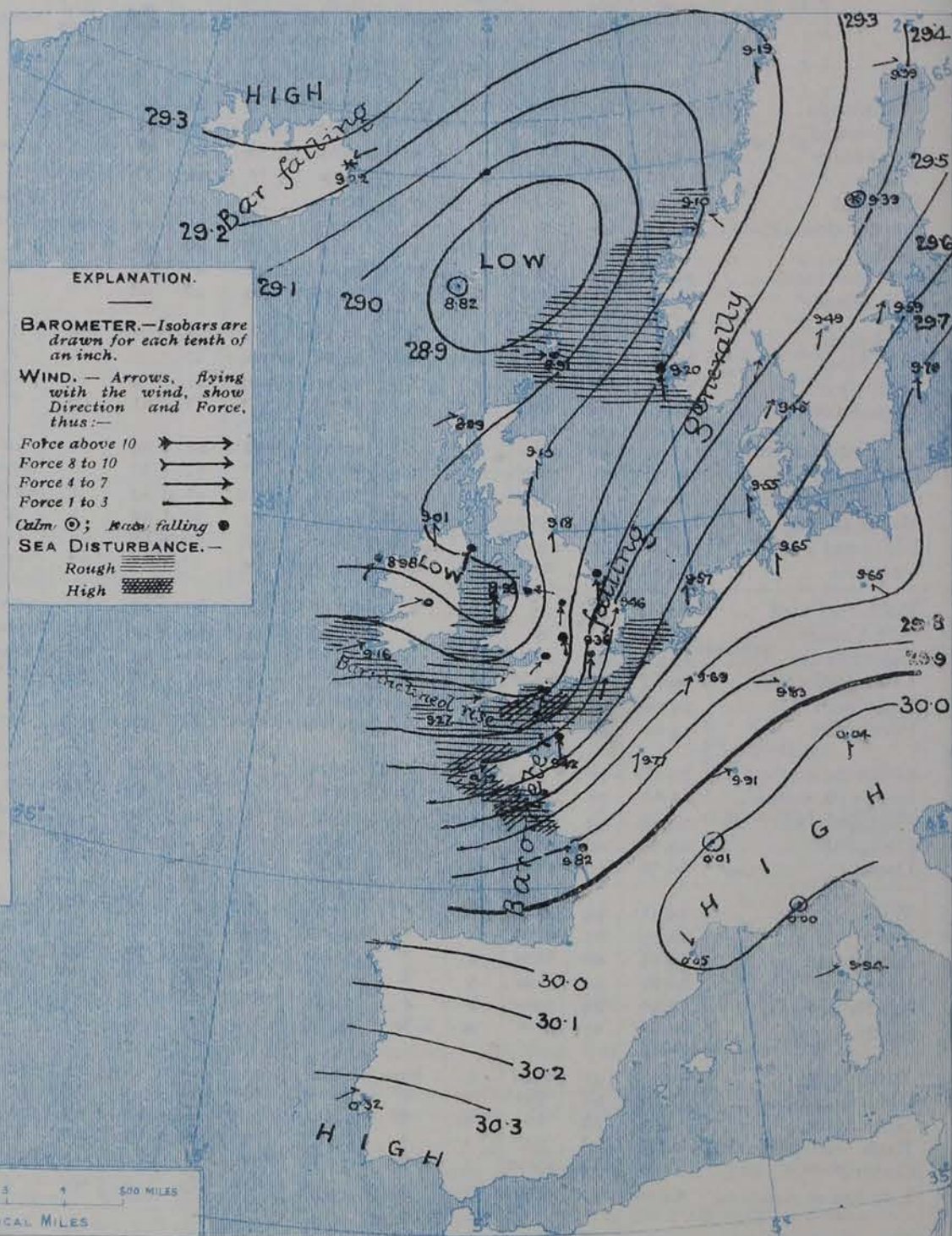
(Derived chiefly from Observations extending over the 35 years—1871-1905.)



Thursday.

WEATHER

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



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 ; Rain falling

SEA DISTURBANCE.—

Rough
High

NOTES ON THE GENERAL SITUATION AT 7 A.M.

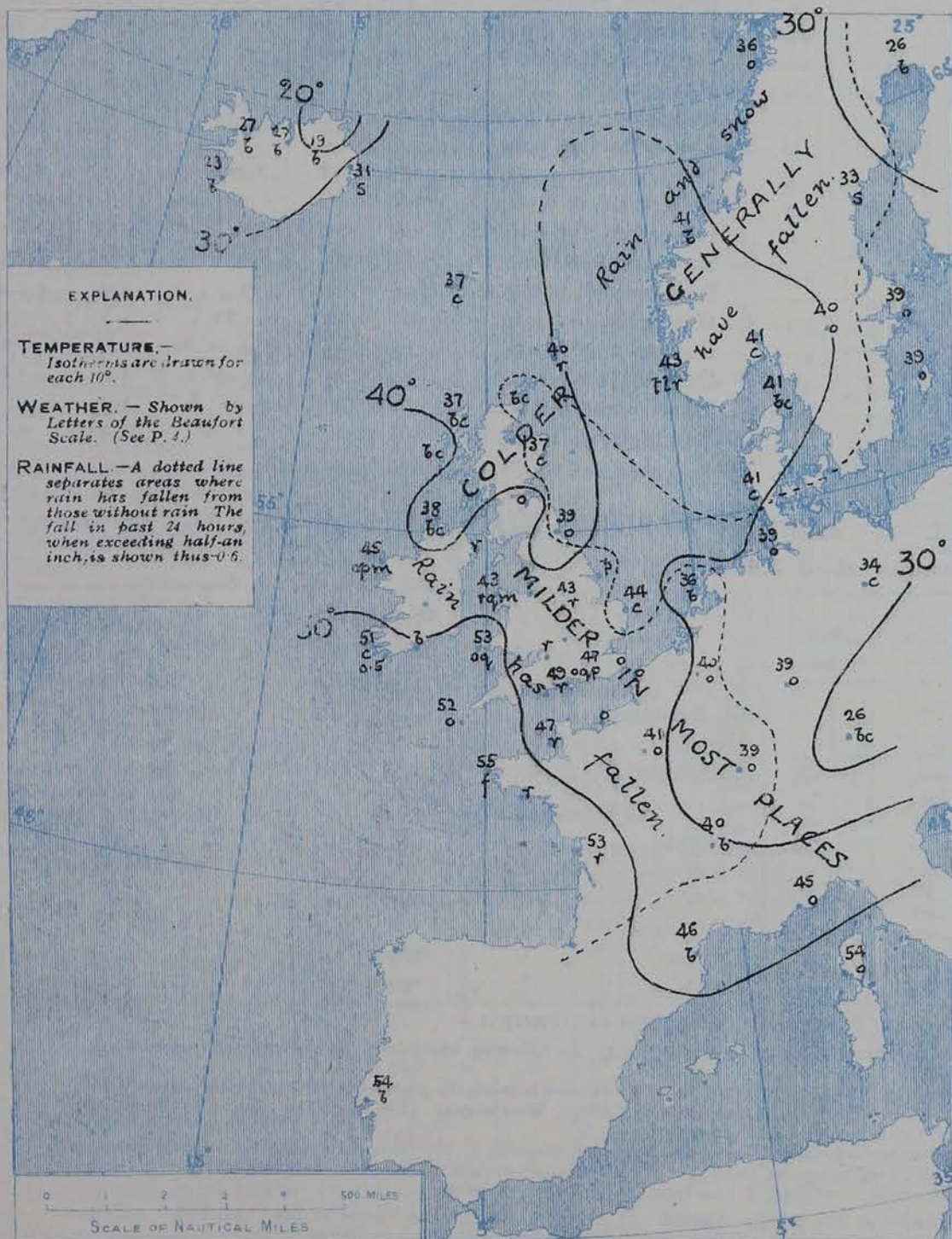
In the course of the past night a very rapid decrease of pressure has spread across the country from the Atlantic, and the barometer is below 29 ins. in the north of Ireland and North Wales. In another depression beyond the north of Scotland the barometer is down to 28.8 ins. in the Faeröe. Over Southern France and Bavaria pressure is above 30 ins., and at the Azores nearly 30½ ins. The gradient is very steep over England, the Channel and north of France, moderate to slight elsewhere.

The winds are mainly S. to W. in direction excepting in Ireland, where they are N.E. to E. Strong winds and gales are blowing on most of our southern coasts and in the north of France, a high wind at Skudesnaes, but in most other regions moderate to very light breezes prevail. Temperature has risen in most parts of Ireland, England and France, fallen in nearly all other localities. Over the British Isles the values range from 32° at Thairn to 53° at Pembroke; in Scandinavia from 26° at Haparanda to 43° at Skudesnaes; over Western Europe from 26° at Hamburg to 55° at Brest; and in Iceland from 19° to 31°. The weather is fair or fine in a few isolated situations at home and abroad, but generally it is dull and unsettled, rain is falling in many parts of these islands, Western France and Southern Norway, snow at Hernösand and Seydisfjörð, and a thunderstorm is in progress at Skudesnaes. A high sea is running off Portland Bill and on the upper part of the Bay of Biscay.

CHARTS

10th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 50° and upwards at some of the southern and western coast stations, to 53° at Valencia, Pembroke and Jersey, but at Darwen and Barm the maximum was 40°, and at Buxton 37°. Rain has fallen generally, but only Valencia has registered $\frac{1}{2}$ inch. Aberdeen and Pembroke report a line of hail, and Oxford a partial. The duration of bright sunshine ranged from less than an hour at several stations to 4 hours and upwards in several localities, 5.3 hours at Torquay, 5.6 hours at Rhyl, and 6 hours at Sully.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The deep depression over Ireland appears to be moving or spreading on a line between E. and S.E. Very windy weather is probable over England generally, wet and squally, then improving somewhat. Unsettled conditions will prevail in Ireland and Scotland.

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.W. and S.W., fresh or strong locally at times; unsettled, some rain, fair intervals; cool.
- 1 { S. and S.E. breezes, light to moderate; cloudy, some showers; cool.
- 2 { S. and S.E. winds, freshening, a gale in places; squally, unsettled, some rain, fairer later; moderate temperature.
- 3 { S. and S.W. winds, strong to a gale, then moderating; squally, unsettled, some rain, fair to fine later locally; mild.
- 4 {
- 5 {
- 6 { Same as No. 0.
- 7 { Same as No. 2.
- 8 { S.W. to N.W. strong winds and gales, then moderating; squally, unsettled, rain at times, fair or fine intervals; mild.
- 9 { Wind between S. and W., fresh or strong at times; squally, unsettled, some rain, fair intervals; temperature mild to moderate.
- 10 {

WESTERN CHANNEL AND BAY

S. to W. or N.W. winds, strong to a gale, moderating later; rough to high sea, squally, unsettled, rain and fog at times, improving later; mild.

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.



Thursday, 10th December, 1908.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	43	37	c. b. q. b	Hrs.	Ins.	Brighton, to 6 p.m. ...	49	42	*	2.2	0.15
Rossall Beach, to 6 p.m....	46	36	o	*	0.06	Eastbourne, to 6 p.m. ...	51	43	*	2.8	0.25
Blackpool, to 9 p.m.* ...	46	35	r. c. h. c	2.6	0.04	Bexhill-on-Sea, to 9 p.m.	50	44	r. b	2.5	0.11
Southport, to 9 p.m. ...	46	35	op. c. b	2.5	0.03	Hastings	*	*	*	2.4	*
Rhyl, to 6 p.m.	47	37	*	5.6	-	Folkestone, to 6 p.m. ...	49	39	o. r. b. c. r	0.9	0.17
Colwyn Bay, to 6 p.m. ...	45	42	b. b. c	4.5	-	Ramsgate, to 6 p.m. ...	*	*	*	0.9	0.17
Llandudno, to 9 p.m. ...	47	39	b. q. o. r. b. c	4.6	-	Margate, to 6 p.m.	46	43	r. o. b. o	0.4	0.14
Bettws-y-Coed, to 6 p.m.	44	32	c. b. c. c	3.6	*	Felixstowe, to 6 p.m. ...	45	43	*	0.1	0.13
Towyn, to 6 p.m.						Lowestoft, to 6 p.m. ...	46	39	op. c	0.1	0.05
Aberystwyth, to 6 p.m....	51	42	*	4.2	0.05	Skegness, to 6 p.m....	42	34	r. c. b. c. b	1.6	0.07
Plymouth, to 9 p.m. ...	49	37	b. c. b. c. q. v	4.9	-	Scarborough, to 9 p.m. ...	47	35	c. o. c	0.2	0.04
Torquay, to 6 p.m....	50	38	*	5.3	0.30	Harrogate, to 6 p.m. ...	41	32	o. c. b. c. b	2.3	-
Weymouth, to 6 p.m. ...	50	39	p. c. b. c	3.0	0.15	Buxton, to 6 p.m.	37	29	c. b. x. c. r. b. c	2.6	0.06
Bournemouth to 6 p.m....	47	34	f. c. b. b. c	2.5	0.32	Darwen, to 9 p.m.	40	30	b. c. op. b. c	2.1	0.01
Southsea, to 6 p.m....	50	39	*	2.7	0.25	Manchester, to 9 p.m. ...	44	38	b. op. b	3.7	-
Worthing, to 6 p.m. ...	51	39		1.9	0.11	Birmingham, to 9 p.m....	44	33	c. b	3.2	-

STATIONS. 9th December, 1908.	TEMPERATURE F.		WEATHER.	RAIN. ins.	STATIONS. 9th December, 1908.	TEMPERATURE F.		WEATHER.	RAIN. ins.
	Max.	Min.				Max.	Min.		
Madeira	0	0			St. Petersburg	?	36	r, r	—
Marseilles	55	41	b, o	—	Utrecht	46	37	c, c	—
Malta	58	52	r	1.42	Groningen	46	39	b, bc	—
Algiers	70	54	c, bc	—	8th December, 1908.		1.30 p.m.	1.30 p.m.	Measured 7.30 a.m.
Tunis	61	37	b, c	—	Geneva	46	*	b	—
Palermo	58	40	b, o	—	Berne	41	*	b	—
Naples	48	38	b, b	—	Coire	36	*	b	—
Brindisi	56	37	c, bc	—	Castasegna	28	*	b	—
Florence	42	38	b, o	0.08	Lugano	39	*	b	—
Rome	49	30	b, b	—	Davos	27	*	b	—
Vienna	28	27	f, bc	—					

(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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.

(c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.

(d) 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.

[illegible]

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

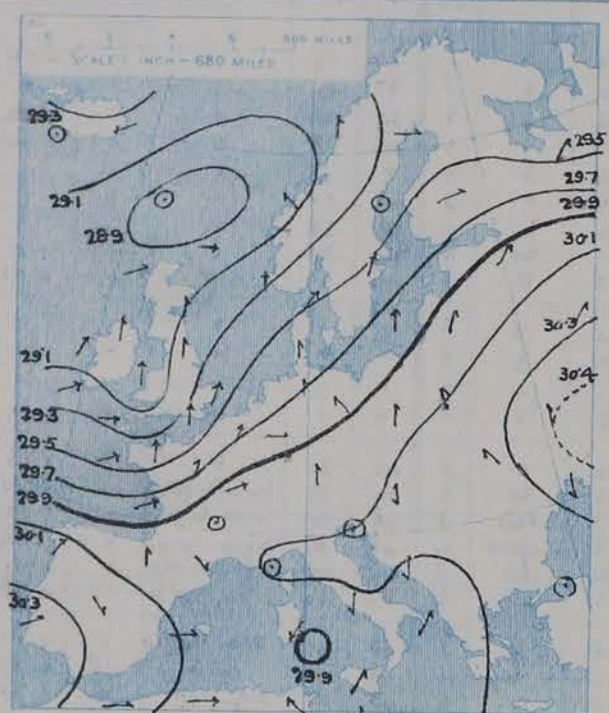
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,
11th December, 1908

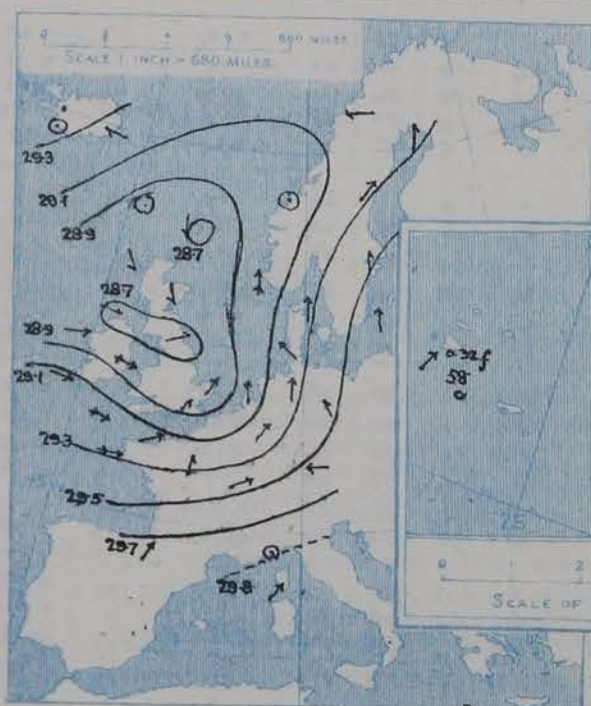
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		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.		
At 32° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Max.	Min.	Hours.	Ins.							
SCANDINAVIA.	Haparanda...	29.27	33	S	4	o	29.48	+0.9	32	31	+6	SW	2	o	*	34	19	*	*	0.04	
	Hernösand...	29.37	34	SW	5	b	29.41	+0.2	35	34	+2	Z	o	b	*	37	30	*	*	-	
	Stockholm...	29.50	38	S	2	o	29.42	-1.7	36	35	-3	SSE	6	o	*	39	36	*	*	0.12	
	Wisby...	29.54	38	S	4	r	29.39	-3.1	35	32	-5	SSE	4	o	*	41	35	*	*	0.20	
	Karlstad...	29.39	39	SSW	2	c	29.20	-2.9	39	37	-1	E	4	o	*	*	*	*	-		
	Færder (X'lantia Fjord)	29.27	41	S	6	o	29.02	-3.7	41	38	o	ESE	6	r	3	43	39	*	*	-	
	Bodö...	29.12	33	E	2	b	29.22	+0.3	30	27	-6	E	4	b	1	36	28	*	*	-	
	Christiansund	29.04	40	Z	o	bc	29.03	-0.7	42	38	+1	ESE	1	bc	4	43	39	*	*	-	
Skudesnaes	28.98	42	S	8	r	28.80	-2.0	44	43	+1	SE	8	o	5	44	41	c, r	*	0.12		
ICELAND & FAEROE.	Reykjavik...	29.35	20	Z	o	b	29.49	+2.7	19	*	-4	Z	o	b	*	*	*	*	*	*	
	Blönduós...	29.40	25	E	2	b	29.59	+2.4	12	*	-15	Z	o	b	*	*	*	*	*	*	
	Seydisfjord...	29.25	31	ESE	2	c	29.51	+2.9	46	*	+15	NE	1	o	*	*	*	*	*	*	
	Thorshavn...	28.86	38	Z	o	r	29.02	+2.0	39	*	+2	N	5	c	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	28.67	37	N	2	b	28.79	-1.2	40	40	o	N	2	r	3	43	36	b	*	0.30	
	Stornoway...	28.81	34	NNW	1	b	28.97	-0.2	39	39	+2	N	5	bc	5	39	32	bc, b, bcq	0.4	0.02	
	Castlebay (Barra Id.)	28.75	43	NE	2	o	29.02	+0.4	43	41	-2	NNW	3	bc	3	45	40	c, st, bc	0.0	0.35	
	Malin Head...	28.69	43	WNW	2	pm	28.98	-0.3	45	44	+7	NNW	6	cpm	4	46	36	cqm, cpm	*	0.29	
	Blacksod Pt.	28.80	45	W	6	oghp	29.18	+2.0	45	43	o	NNW	4	bc	3	49	40	cq, hpm, cqp	*	0.47	
	Valencia...	29.11	46	WNW	6	ou	29.24	+0.8	46	42	-5	WNW	5	c	6	52	39	c, hp, oqp, bc	1.3	0.26	
	Roche's Point...	29.04	44	W	5	bc	29.14	+0.3	43	41	-7	WNW	5	b	3	50	41	b, op, bcq, b	*	0.11	
	Birr Castle...	28.91	41	WSW	3	b	29.13	+1.0	36	35	-6	WSW	2	b	3	46	34	cp, b	0.8	0.31	
	Donaghadee...	28.77	40	WSW	1	o	28.93	-1.5	45	40	+4	NNW	5	c	6	43	37	org, oqp	*	0.25	
	Liverpool Obsy...	28.76	45	WSW	6	r	28.83	-2.2	42	40	+1	WNW	4	bc	3	48	39	op, bc, o, l	0.6	0.11	
	Holyhead...	28.81	45	WNW	8	ogpm	28.88	-0.5	46	43	+3	N	8	bcq	6	49	42	cp, oqp, pm	*	0.17	
	Pembroke (St. Ann's Hd.)	28.92	47	WNW	8	c	28.92	-1.2	46	42	-7	NW	8	cq	6	54	41	ogp, cghp	1.5	0.20	
	Scilly (St. Mary's)	29.16	53	WNW	8	og	29.07	-2.0	46	44	-6	NW	7	c	7	53	44	o, og	1.2	0.45	
	Jersey (St. Aubins)	29.13	54	WSW	7	og	28.99	-4.3	48	45	+1	WNW	8	cq	6	56	47	og, cqp, rhq	0.2	0.33	
Portland Bill	28.92	48	WNW	8	qo	28.78	-1.4	47	46	-2	W	9	cq	6	54	46	c, qp	2.7	0.44		
Dungeness...	28.90	52	SW	6	o	28.79	-6.3	43	42	-6	SW	4	r	4	53	40	r, bc, c, l, r	0.8	0.62		
Dover...	28.91	50	SW	4	c	28.80	-6.6	40	38	-7	WSW	2	o	4	51	37	o, t, c, o, t, o	0.1	0.21		
GERMANY, & C.	Wick...	28.80	31	N	2	bc	28.79	-2.2	39	38	+3	N	4	c	4	44	30	-	*	-	
	Nairn...	28.78	30	Z	o	c	28.82	-2.4	38	36	+6	NW	3	bc	2	38	29	bc, c	2.1	0.01	
	Aberdeen...	28.72	40	NNW	2	r	28.68	-4.2	41	40	+4	NNW	5	r	4	42	37	cp, st, org	0.0	0.15	
	Leith...	28.70	41	WNW	2	o	28.77	-3.2	41	37	o	NW	2	bc	*	42	37	ogp, op, od, c	*	0.08	
	North Shields	28.67	38	WSW	3	p	28.68	-5.0	39	36	o	WNW	5	c	2	42	35	r, p	*	0.43	
	Spurn Head...	28.71	45	SW	5	c	28.69	-5.5	41	40	-1	WNW	5	bc	3	46	40	org, c, bc	*	0.26	
	Yarmouth...	28.84	46	SW	4	bc	28.76	-7.0	37	36	-7	WSW	3	c	4	48	35	st, bc	0.0	0.15	
	Clacton-on-Sea	28.87	47	S	4	o	28.78	-6.2	38	37	-8	WSW	2	bc	2	49	38	c, org, c, op	0.0	0.10	
	Nottingham...	28.79	44	W	3	b	28.76	-4.4	36	36	-7	W	1	om	*	50	34	o, b	0.1	0.08	
	Bath...	28.90	46	SW	3	o	28.84	-3.3	43	40	-5	NW	1	b	*	53	40	-	1.7	0.15	
Oxford...	28.88	43	WSW	5	c	28.86	-2.9	37	36	-7	NW	2	c	*	52	37	org, bc, op, bc	*	0.14		
London (St. James's Pk)	28.88	49	SW	3	o	28.78	-5.8	40	39	-7	SW	1	st	*	53	39	bcq, og, o, t	1.4	0.18		
FRANCE.	The Scaw (Skagen)	29.25	42	S	6	r	28.95	-5.3	40	39	-1	SSE	7	r	2	43	39	*	*	0.08	
	Fanö...	29.19	41	SE	6	o	28.77	-7.8	40	39	-1	SE	6	o	*	43	39	*	*	0.04	
	Cuxhaven†...	29.25	42	S	5	o	28.71	-9.4	41	47	+2	SSE	8	od	*	45	39	*	*	0.16	
	The Helder...	28.88	41	S	6	o	28.69	-8.8	44	42	+8	WSW	5	o	5	45	36	*	*	0.47	
	Brussels...	*	*	*	*	*	28.89	-8.0	39	38	-1	SW	4	c	*	47	38	*	*	0.51	
	Berlin†...	29.48	32	SSE	3	bc	29.08	-7.7	32	78	-2	SE	4	S	*	39	30	*	*	-	
	Frankfurt†...	29.29	44	SW	5	r	29.00	-8.3	40	91	+1	SW	4	c	*	46	39	*	*	0.32	
	Munich†...	29.55	30	E	4	bc	29.19	-8.5	38	90	+12	SW	4	r	*	43	26	*	*	0.04	
	C. Gris Nez...	28.94	48	S	6	o	28.79	-7.1	45	44	+6	W	3	o	5	52	43	*	*	0.55	
	La Hève...	29.15	46	W	6	c	28.95	-5.9	44	43	+5	W	9	o	8	52	39	*	*	0.24	
SPANISH PENIN.	Brest...	29.26	56	W	8	o	29.15	-2.7	50	49	-5	WNW	8	c	7	55	43	*	*	0.08	
	Lorient...	?	55	W	8	o	29.13	-3.2	50	49	-4	W	8	o	8	55	45	*	*	0.20	
	Rochefort...	29.46	54	W	5	o	29.30	-5.2	52	52	-1	WNW	6	c	*	59	50	*	*	1.38	
	Biarritz...	29.73	53	SW	5	r												*	*	-	
	Paris...	29.22	49	SSW	4	o	29.06	-7.1	41	38	o	WSW	4	b	*	51	41	*	*	0.47	
	Belfort...	29.47	44	WSW	6	o	29.16	-7.5	40	39	+1	WSW	7	c	*	46	37	*	*	0.24	
	Lyons...	29.68	41	S	5	r	29.38	-6.3	44	39	+4	W	4	a	*	48	40	*	*	0.39	
	Nice...	29.82	46	Z	o	o	29.35	-6.5	44	42	-1	SW	1	o	3	50	43	*	*	0.16	
Perpignan...	29.79	48	NW	2	o	29.45	-6.0	55	50	+9	W	4	o	*	55	46	*	*	0.16		
Sanguinaire...	29.81	54	SW	4	o	29.53	-4.1	55	55	+1	W	5	f	5	61	52	*	*	-		
SPANISH PENIN.	Corunna...																	*	*	0.08	
	Lisbon...	30.23	56	W	4	c	30.13	-1.9	58	56	+4	W	5	o	*	59	54	*	*	0.08	
	Azores (P. Delgada)...																	*	*	0.08	
„ Horta...	30.39	59	WSW	3	o	30.32	-1.2	58	56	-1	SW	4	c	2	64	67	*	*	0.08		

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

7 A.M. YESTERDAY.

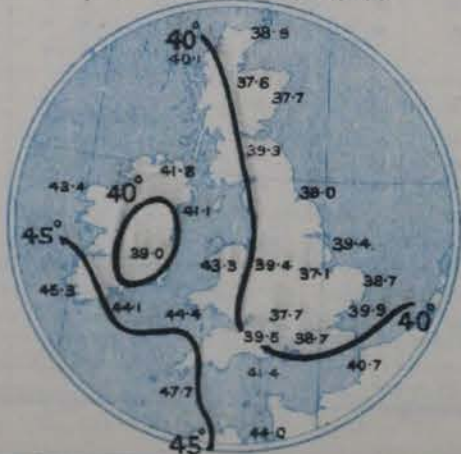


6 P.M. YESTERDAY



AVERAGES OF TEMPERATURE, AT 8 A.M.
FOR THE MONTH OF DECEMBER.

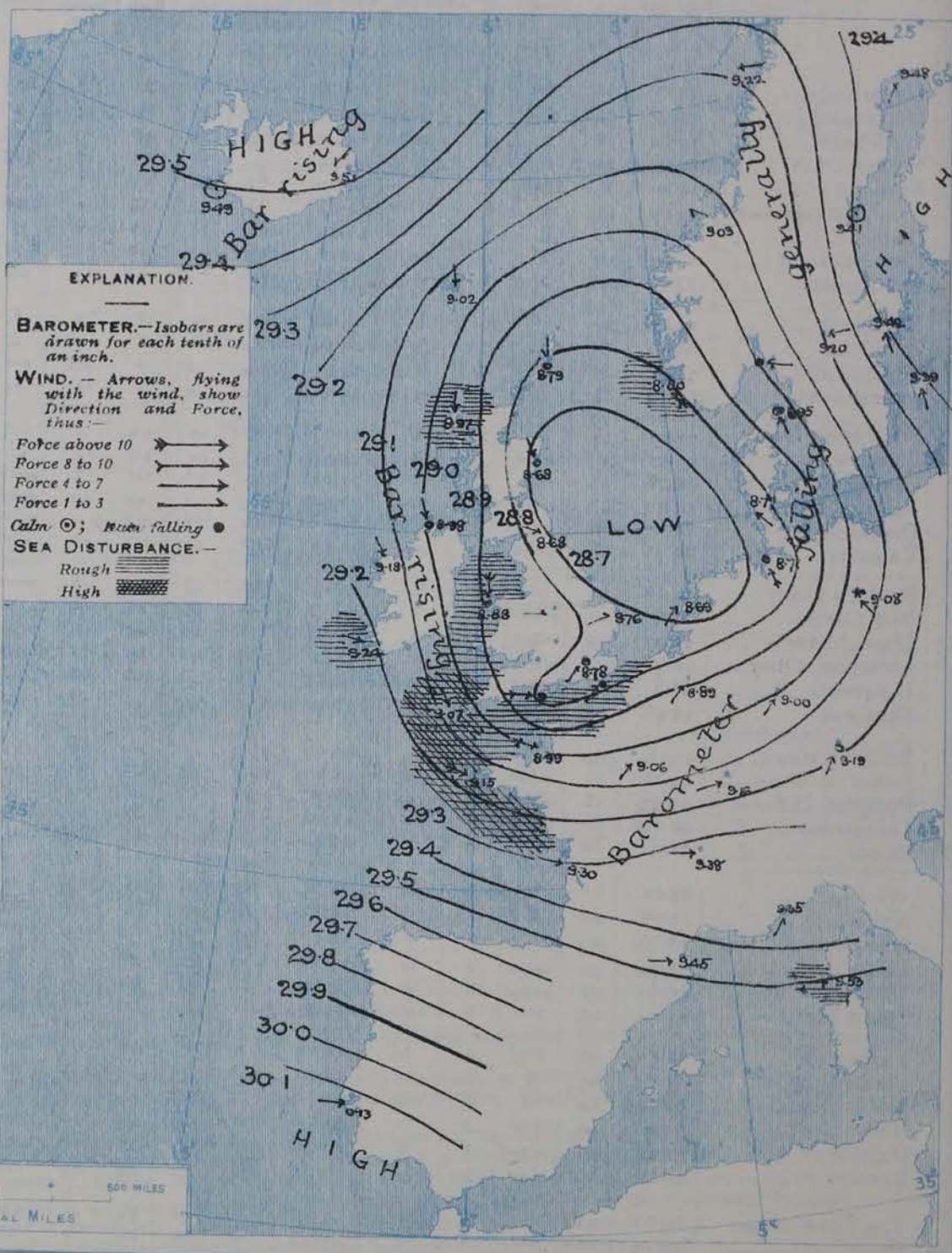
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Friday,

WEATHER

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



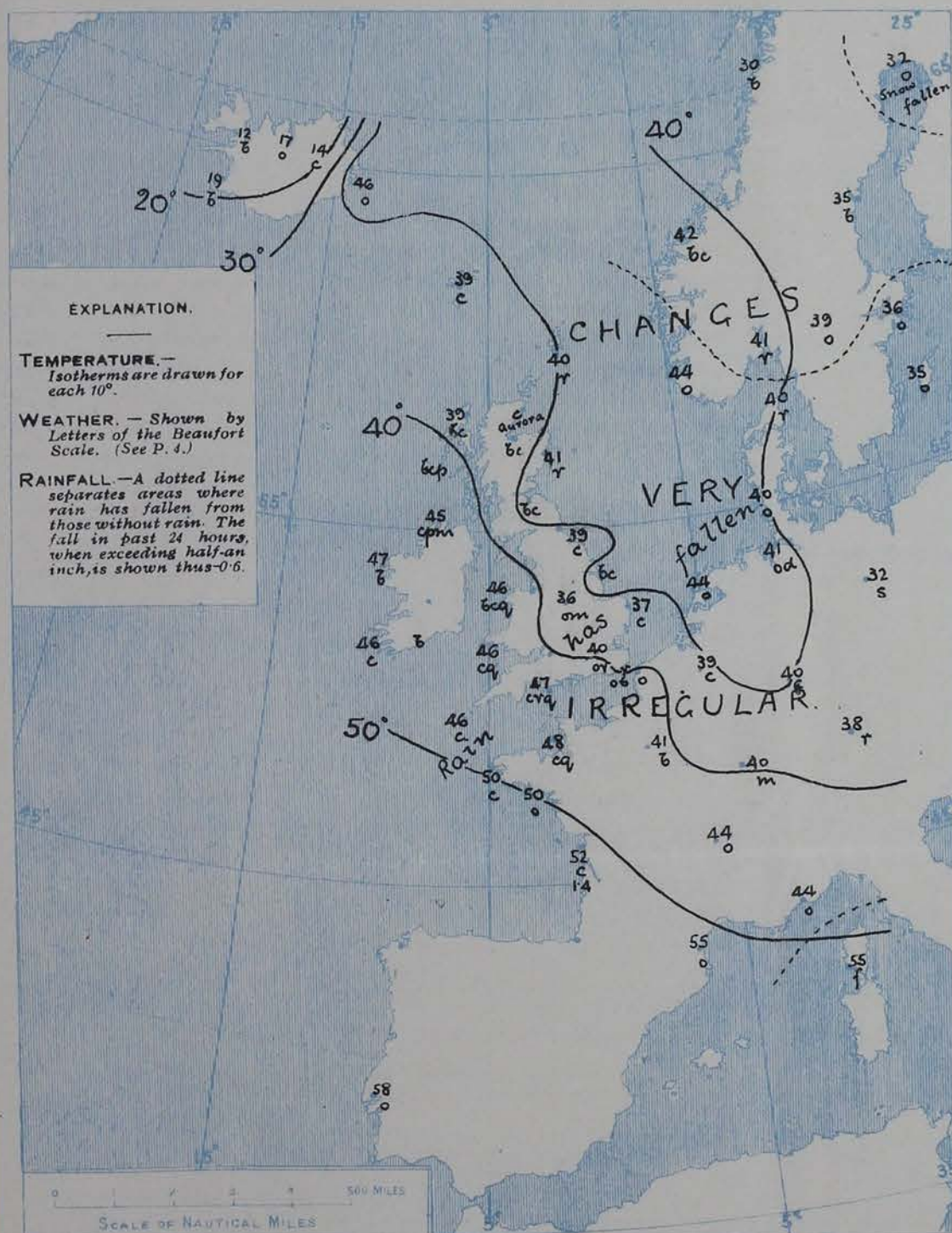
NOTES ON THE GENERAL SITUATION AT 7 A.M.

The very deep disturbances of yesterday are now found as one system having its central space over the North Sea, where the barometer is below 28.7 ins., the system embracing the whole of Western and Northwestern Europe and Iceland. In the Azores the barometer exceeds 30.3 ins. The gradient is moderately steep in most localities. The winds show a complete cyclonic circulation round the pressure minimum. Strong winds and gales are reported over our southwestern districts, in France, and on the eastern side of the North Sea, a strong gale off Portland Bill and Havre. At the home stations temperature ranges from 36° at Nottingham to 48° at Jersey; in Scandinavia from 30° at Bodö to 44° at Skudesnæs; and over Western Europe from 32° at Berlin to 58° at Lisbon; in Iceland from 12° to 46°. The weather is fine and clear at a few home and foreign stations, but generally it is very cloudy or overcast, squally and rainy in places, and snow is falling at Berlin. A very high sea is running off Havre and Lorient, high across the mouth of the English Channel, and rough or rather rough on many parts of our southern and western coasts, moderate to smooth elsewhere.

CHARTS

11th December. 1908.

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 P. 4.)

RAINFALL.—A dotted line separates areas where rain has fallen from those without rain. The fall in past 24 hours, when exceeding half-an-inch, is shown thus—0.6.

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 } Moderate to light N.E. breezes; gusty, fair to showery, some hail or sleet; temperature cold to moderate.
- 1 } Fresh to light N.W. to N.E. breezes; gusty, fair to showery; temperature below the normal.
- 2 } Variable S.W. to N.W. breezes, fresh at times locally; changeable.
- 3 } fair to showery; temperature below the normal.
- 4 }
- 5 }
- 6 } Same as Nos. 0 & 1.
- 7 } Moderating N.E. and N.W. winds; squally, changeable, rain at times;
- 8 } moderate temperature.
- 9 } Moderating N.W. breezes, backing later and freshening; changeable, rain at times; moderate temperature.
- 10 }

II WESTERN CHANNEL AND BAY

W. and N.W. gales and strong winds, moderating later; sea high to rough; very squally, changeable, some rain and fog banks; moderate temperature.

NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 50° and upwards in many parts of England and Ireland to 55° at Torquay, Weymouth and Bournemouth, and 56° at Jersey, but Stornoway did not exceed 39°, and Gaer 38°. Rain has fallen generally, 0.6 in. and Dungeness. Hail showers have been experienced in various localities. Several stations report no bright sunshine, but Bournemouth had 3.5 hours, and Torquay and Southsea 3.8 hours. Wick reports an aurora.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression over the North Sea is passing away, and its influence on the conditions over these islands will gradually diminish. Although the barometer is rising in the western districts the wind has veered only slightly in the south of Ireland. It seems probable, therefore, that secondary disturbances will shortly make their appearance from the Atlantic.

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.



Friday, 11th December, 1908.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	47	41	c.o.q.p.b	Hrs.	Ins.	Brighton, to 6 p.m. ...	53	40	*	Hrs.	Ins.
Rossall Beach, to 6 p.m....	46	39	c.r.o	*	0.48	Eastbourne, to 6 p.m. ...	53	38	*	1.9	0.33
Blackpool, to 9 p.m. ...	48	39	σ.c.σ.c	0.0	0.39	Bexhill-on-Sea, to 9 p.m.	53	40	—	1.5	0.32
Southport, to 9 p.m. ...	47	38	o.r.c.b	0.1	0.34	Hastings	*	*	*	1.7	*
Rhyl, to 6 p.m.	52	43	*	0.1	0.02	Folkestone, to 6 p.m. ...	52	34	r.b.r.b.c.o	0.2	0.21
Colwyn Bay, to 6 p.m. ...	50	41	d.c.d	0.5	0.17	Ramsgate, to 6 p.m. ...	*	*	*	1.2	0.22
Llandudno, to 9 p.m. ...	49	42	b.c.c.σ.o	0.2	0.07	Margate, to 6 p.m. ...	51	38	r.b.o	0.6	0.11
Bettws-y-Coed, to 6 p.m.					*	Felixstowe, to 6 p.m. ...	49	43		0.1	0.17
Towyn, to 6 p.m.	51	45	o.r.b.c.o	0.7	0.26	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m....	52	46	*	0.7	0.07	Skegness, to 6 p.m....	48	43	r.c.b.c	0.0	0.21
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	47	35	σ.r.g.σ.g	0.0	0.02
Torquay, to 6 p.m....	55	40	*	3.8	0.55	Harrogate, to 6 p.m. ...	45	36	b.o.r	0.0	0.37
Weymouth, to 6 p.m. ...	55	45	c.p	2.7	0.48	Buxton, to 6 p.m. ...	45	30	b.c.b.x.σ.p.c	0.0	0.41
Bournemouth to 6 p.m. ...	55	35	c.b.o.r	3.5	0.65	Darwen, to 9 p.m. ...	44	33	b.o.r.h.σ.p	0.0	0.90
Southsea, to 6 p.m....	54	38	*	3.8	0.43	Manchester, to 9 p.m. ...	48	42	b.o.σ.p	0.1	0.26
Worthing, to 6 p.m. ...	53	35	r.o.p.o.r	2.6	0.33	Birmingham, to 9 p.m....	48	36	o.r.p.c	0.6	0.33

STATIONS. 10 th December, 1908.				TEMPERATURE F.		WEATHER.	RAIN. — Ins.	STATIONS. 10 th December, 1908.				TEMPERATURE F.		WEATHER.	RAIN. — Ins.
				Max.	Min.							Max.	Min.		
Madeira	68	50	b, bc	—	St. Petersburg	37	30	o, r	—						
Marseilles	59	48	o, o	—	Utrecht	48	37	r, o	0.12						
Malta	60	52	b	0.32	Groningen	46	37	r, o	0.04						
Algiers	68	50	c, o	0.59	9 th December, 1908. 1.30 p.m.				1.30 p.m.	Measured 7.30 a.m.					
Tunis	66	36	bc, b	—	Geneva	41	*	bc	—						
Palermo	58	43	b, c	—	Berne	39	*	bc	—						
Naples	48	40	bc, b	—	Coire	34	*	b	—						
Brindisi	55	37	bc, b	—	Castasegna	30	*	b	—						
Florence	46	33	b, b	—	Lugano	37	*	b	—						
Rome	50	33	c, b	—	Davos	23	*	b	—						
Vienna	30	27	f, f	—											

(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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.

(c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.

(d) 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.

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

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance	11th Dec 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
	Lat.	Long.		Direc.	Force.		Air.		Sea.					
							Dry Bulb.	Wet Bulb.						
	°	°	Ins.				°	°	°					
											Yarmouth	7.56 7.57	11.46 11.47	3.37 3.36
											Greenwich	7.57 7.58	11.53 11.54	3.49 3.49
											Wick	8.54 8.55	12.5 12.6	3.16 3.16
											Valencia	8.41 8.42	12.34 12.35	4.27 4.27

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the enquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

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

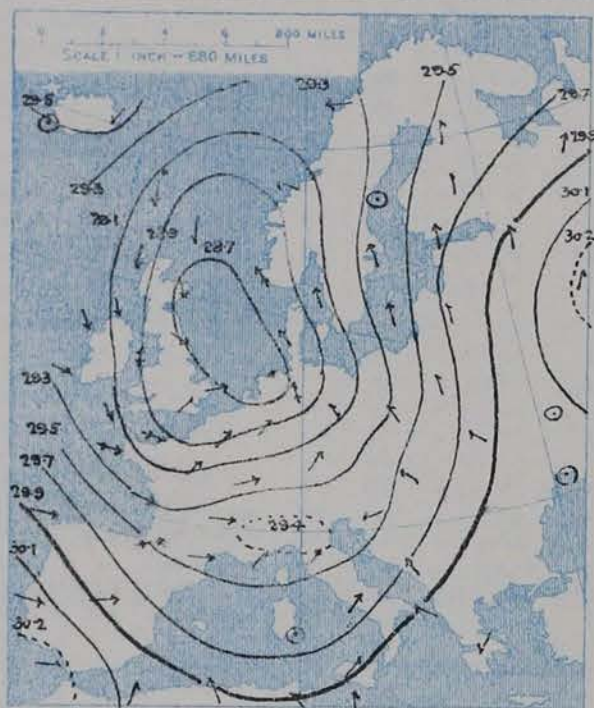
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

(Saturday.
12th December, 1908

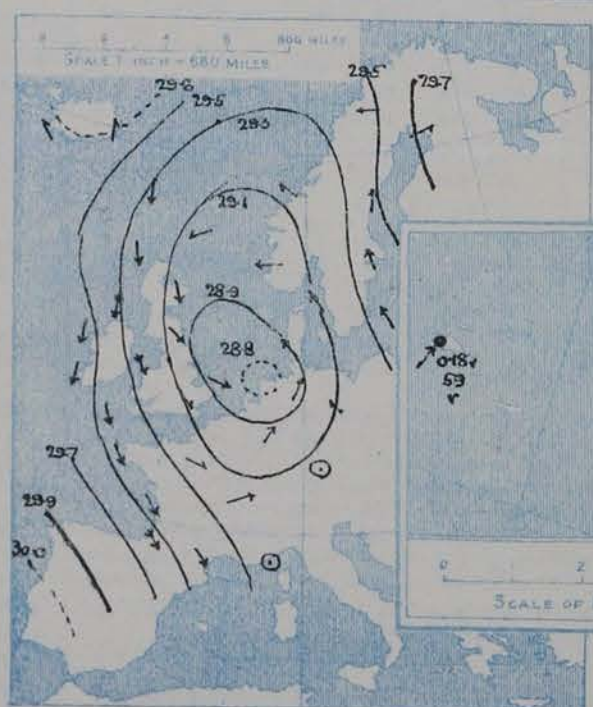
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.	Force	Weather.	Barometer.	Temperature.				Wind.		Sea	Temp.		Weather.	Sun-	Rainfall.		
								At 32° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).	Direc.	Force (0 to 12).		Max.	Min.					
Ins.					Ins.	Ins.											Hours.	Ins.			
SCANDINAVIA.	Haparanda...	29.70	33	WSW	2	o	29.85	+37	26	26	-6	S	2	o	*	34	26	*	*	-	
	Hernösand...	29.52	34	S	4	r	29.65	+24	34	32	-1	Z	0	o	*	36	34	*	*	0.08	
	Stockholm...	29.43	35	SSE	4	o	29.58	+16	34	33	-2	SE	4	s	*	39	34	*	*	-	
	Wisby...	29.34	35	SE	4	o	29.50	+11	34	32	-1	SE	4	o	*	39	30	*	*	-	
	Karlstad...	29.29	35	ENE	6	r	29.47	+27	35	35	-4	NE	4	o	*	*	*	*	0.04		
	Färder (X'iania Fjord)	29.17	36	E	6	r	29.39	+37	35	35	-6	ENE	3	r	2	41	35	*	*	0.47	
	Bodö...	29.43	33	E	4	b	29.54	+32	35	32	+5	E	2	o	2	35	28	*	*	-	
ICELAND & FAEROE.	Christiansund...	29.12	44	SE	1	c	29.32	+29	42	36	o	SSE	1	c	3	45	39	*	*	-	
	Skudesnaes...	29.01	43	E	4	c	29.35	+55	41	39	-3	E	4	o	2	44	39	*	*	-	
	Reykjavik...	29.59	18	SE	1	b	29.49	-00	28	*	+9	SE	8	c	*	*	*	*	*		
	Blönduós...	29.66	10	SSE	1	b	29.49	-10	28	*	+16	SE	4	bc	*	*	*	*	*		
BRITISH ISLANDS.	Seydisfjord...	29.63	33	S	1	c	29.71	+20	34	*	-12	Z	0	c	*	*	*	*	*		
	Thorshavn...	29.25	35	N	5	r	29.43	+41	38	*	-1	N	4	r	*	*	*	*	*		
	Sumburgh Head	29.01	43	ENE	3	r	29.32	+53	39	38	-1	Z	0	b	3	44	36	r. bc	*	0.46	
	Stornoway...	29.26	40	NNW	6	bc	29.49	+52	39	39	o	NNW	6	bc	5	41	36	cq. bcq	0.6	0.24	
	Castlebay (Barra Id.)	29.32	41	NNW	2	cp	29.57	+55	40	37	-3	NNW	3	bcq	3	45	37	bcq. bc	2.9	0.21	
	Malin Head...	29.28	44	NNW	8	cq. qp	29.57	+59	43	42	-2	NNW	6	bcq	4	47	39	bcq. qp. bc	*	0.06	
	Blacksod Pt.	29.52	43	N	6	bcq	29.66	+48	47	40	+2	SSE	2	bc	1	48	35	cq. bc	1.8	0.17	
	Valencia...	29.60	44	N	5	bcq	29.72	+48	36	35	-10	NE	1	o	5	50	35	bcq. bcq	*	0.08	
	Roche's Point...	29.51	43	NW	5	b	29.76	+62	40	38	-3	W	2	b	2	48	38	b. bc. bc	*	-	
	Birr Castle...	29.49	40	NNW	4	r	29.71	+58	31	30	-5	Z	0	b	*	46	29	c. r. b	4.5	0.03	
GERMANY, & C.	Donaghadee...	29.23	43	NNW	5	c	29.55	+62	38	36	-7	NNW	3	c	4	47	36	bcq. bcq	*	0.07	
	Liverpool Obsy...	29.13	45	WNW	6	b	29.52	+69	43	39	+1	WNW	6	b	3	46	41	o. r. b	5.1	-	
	Holyhead...	29.23	46	NW	8	bcq	29.57	+69	44	40	-2	NW	8	bcq	6	47	40	c. bcq	*	0.02	
	Pembroke (St. Ann's Hd.)	29.31	46	NW	6	c	29.65	+73	43	38	-3	NW	6	bcq	5	48	39	cq. bc. c	4.1	-	
	Scilly (St. Mary's)	29.41	48	NNW	6	c	29.73	+66	47	44	+1	NNW	5	b	5	50	46	c	5.0	0.05	
	Jersey (St. Aubins)	29.31	46	NW	4	bc	29.63	+64	45	43	-3	NW	5	bc	4	52	41	bc. cq. cg. l	2.8	0.13	
	Portland Bill	29.24	47	NNW	6	b	29.56	+78	45	42	-2	NW	6	b	5	48	40	b	5.5	0.02	
	Dungeness...	29.04	41	W	4	b	29.31	+52	43	40	o	NW	6	o	5	45	38	r. c. z. bc. op	1.1	0.11	
	Dover...	29.04	39	W	2	b	29.30	+50	41	38	-1	NW	5	o	4	44	38	o. c. b. o. r. o	2.3	0.10	
	Wick...	29.04	39	N	4	r	29.38	+59	39	38	o	N	2	o	4	44	38	-	*	0.94	
FRANCE.	Nairn...	29.10	41	NNW	3	c	29.44	+62	39	38	+1	W	1	c	1	42	37	op. c. qp	0.0	0.03	
	Aberdeen...	28.97	40	NW	5	r	29.41	+73	39	38	-2	NW	4	o	4	42	38	orq	0.0	1.13	
	Leith...	29.02	42	NW	2	o	29.44	+67	37	34	-4	WSW	1	b	*	45	36	bc. c. o	*	-	
	North Shields	28.90	41	WNW	5	oq	29.38	+70	41	38	+2	NNW	5	c	2	43	36	p. o. oq	*	0.11	
	Spurn Head	28.85	43	WNW	8	c	29.25	+56	41	40	o	NW	8	o	5	43	39	cq. pq	*	0.06	
	Yarmouth...	28.88	40	WNW	5	cm	29.17	+41	41	40	+4	NW	7	orq	5	42	35	c. cm. orq	0.0	0.35	
	Clacton-on-Sea	28.99	40	WNW	4	bc	29.30	+52	42	39	+4	WNW	6	c	4	43	35	bc. c. bc. op	1.3	0.11	
	Nottingham...	29.02	43	WNW	4	b	29.41	+65	42	38	+6	NW	4	c	*	44	36	bc. b	3.7	0.01	
	Bath...	29.20	43	N	1	b	29.56	+72	42	38	-1	NW	1	b	*	49	39	-	4.2	-	
	Oxford...	29.19	41	W	5	b	29.52	+66	41	37	+4	NW	6	bcq	*	45	37	c. bcq. op. bcq	*	0.01	
SPANISH PENIN.	London (St. James's Pl)	29.08	41	NW	3	b	29.39	+61	44	40	+4	NW	5	oqe	*	45	38	r. o. c. b. c. oq	2.6	0.02	
	The Scaw (Skagen)	29.09	37	SE	6	r	29.34	+39	38	37	-2	ESE	3	m	1	41	36	*	*	0.39	
	Fanö...	28.96	39	SE	4	o	29.22	+45	38	37	-2	SE	4	o	*	43	37	*	*	0.12	
	Cuxhaven†...	28.86	40	SW	4	o	29.13	+42	36	98	-5	SE	3	o	*	41	34	*	*	0.08	
	The Helder...	28.80	44	WSW	6	r	29.00	+31	45	43	+1	WNW	4	bc	5	45	41	*	*	0.20	
	Brussels...	*	*	*	*	*	29.19	+30	36	36	-3	SW	2	r	*	41	35	*	*	0.24	
	Berlin†...	29.11	32	SE	3	b	29.26	+18	31	81	-1	SE	2	bc	*	36	30	*	*	0.08	
	Frankfurt†...	29.02	40	SW	5	r	29.27	+27	37	84	-3	SW	5	o	*	43	36	*	*	-	
	Munich†...	29.18	35	Z	0	o	29.38	+19	35	95	-3	SW	5	5	*	38	32	*	*	0.04	
	C. Gris Nez...	29.05	44	WNW	6	bc	29.30	+51	43	42	-2	NW	7	o	6	46	41	*	*	0.20	
SPANISH PENIN.	La Hève...	29.15	44	NW	6	c	29.50	+55	45	43	+1	NNW	8	c	8	52	39	*	*	0.08	
	Brest...	29.40	49	NW	7	c	29.75	+60	49	44	-1	NW	5	bc	4	52	45	*	*	0.16	
	Lorient...	29.42	47	NW	6	b	29.73	+60	46	46	-4	NW	6	b	7	52	45	*	*	0.08	
	Rochefort...	29.43	52	NW	6	b	29.73	+43	47	44	-6	NE	5	b	*	59	46	c. b	*	0.20	
	Biarritz...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	Paris...	29.15	43	WNW	3	o	29.43	+37	40	38	-1	WNW	3	o	*	47	35	*	*	0.08	
	Belfort...	29.10	35	WSW	4	o	29.47	+31	35	34	-5	WSW	4	o	*	44	34	*	*	0.24	
Lyons...	29.26	42	SW	2	o	29.60	+22	39	36	-5	SW	1	o	*	49	37	*	*	0.04		
Nice...	29.12	45	Z	0	bc	29.23	-12	43	34	-1	E	5	b	5	52	41	*	*	-		
Perpignan...	29.44	49	NW	5	o	29.63	+18	46	40	-9	NW	6	bc	*	60	42	*	*	0.12		
Sanguinaire...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
SPANISH PENIN.	Corunna...	30.06	59	WSW	4	o	30.10	-03	57	55	-1	N	2	o	*	61	55	*	*	0.04	
	Lisbon...	30.23	60	SW	4	o	30.18	-14	59	59	+1	SW	4	r	2	63	57	*	*	0.04	
	„ Horta...	30.23	60	SW	4	o	30.18	-14	59	59	+1	SW	4	r	2	63	57	*	*	0.04	

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

7 A.M. YESTERDAY.

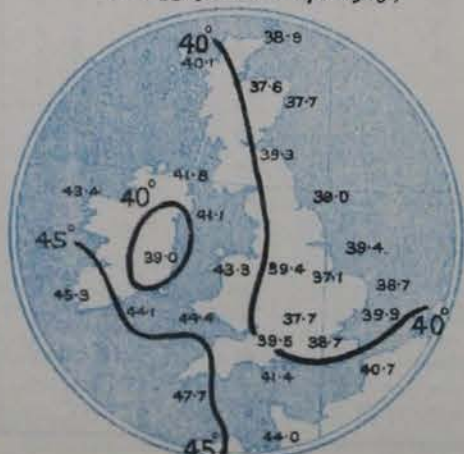


6 P.M. YESTERDAY



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

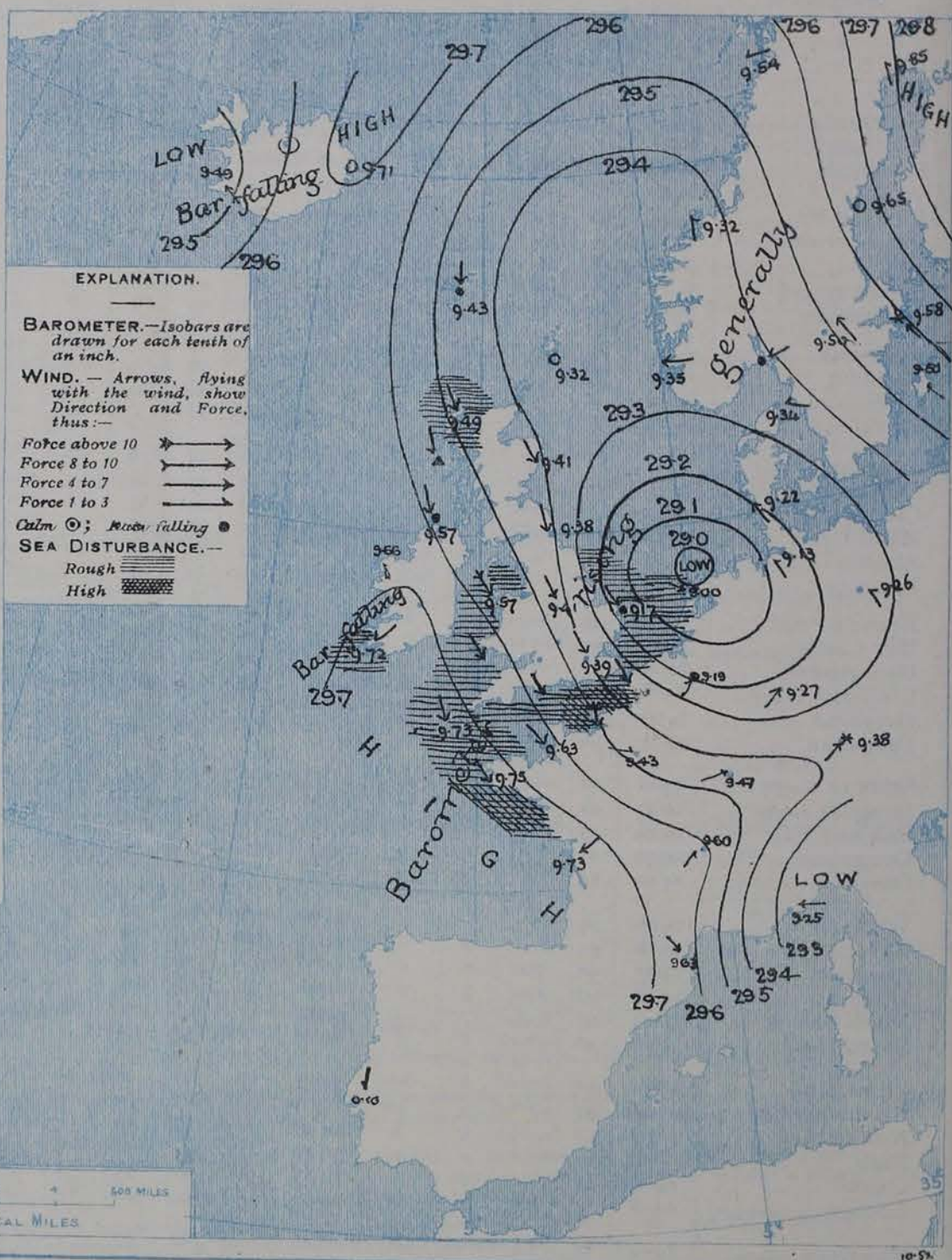
(Derived chiefly from Observations extending over the 35 years—1871-1905.)



Saturday.

WEATHER





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





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 ; Rain falling 

SEA DISTURBANCE.—

Rough 

High 

NOTES ON THE GENERAL SITUATION AT 7 A.M.

The very deep depression of yesterday is now centred near the Helder, where the barometer has risen to 29 ins. Another depression is indicated between Iceland and Greenland, with the barometer below 29.5 ins. In the Azores pressure has decreased below 30.2 ins. There is a considerable gradient over England and northeastern France, elsewhere it is moderate to slight.

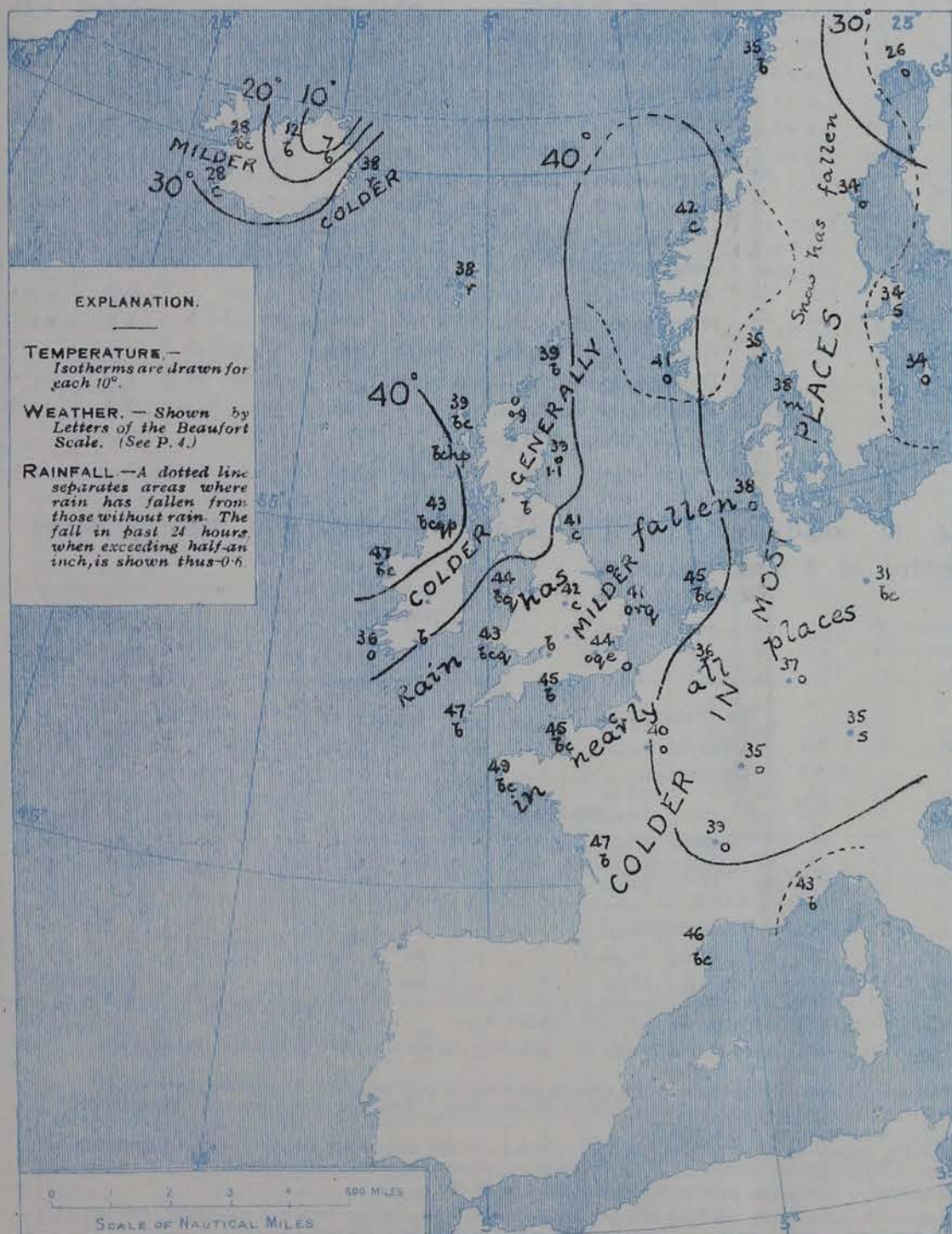
There is a complete cyclonic wind circulation round the pressure minimum. The N.W. current over England and Northern France is strong to a gale in force, but in most other regions, moderate to light breezes are reported. Temperature has fallen in nearly all parts of our area. At the home stations the values range from 31° at Birr Castle to 47° at Blackhead Point and Scilly; in Scandinavia from 26° at Haparanda to 42° at Christiansund; over Western Europe from 31° at Berlin to 49° at Brest; and in Iceland from 7° to 34°.

Fair or fine weather prevails over the British Isles, Western France and Iceland, but in other regions the sky is mostly overcast. Showers are falling at a few stations, hail at Barra, snow at Munich and Stockholm. A very high sea is running off Havre, a high sea off Lorient, and it is rough or rather rough on various parts of our own coasts.

CHARTS

12th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER.

Temperature rose yesterday to 50° or slightly above only at a few southern and south-western coast stations, at Darwen the maximum was only 40°. In the night Birr Castle registered a minimum of 29°, but few other stations went as low as 35°. Rain has fallen very generally, in small amounts as a rule, but Wick reports 0.9 inch, and Aberdeen 1.1 inch. Hail showers have fallen in many places. Lightning was seen this morning at Malin Head and Jersey, and Valencia and Roches Point both report a lunar halo. At a few stations there was no bright sunshine yesterday, but generally the records were good, ranging upwards to 6.1 hours at Bournemouth.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The North Sea depression is filling up quickly, and the strong N.W. current over Britain is likely to subside gradually and to back more W. In the south and west of Ireland the rise of the barometer has ceased, and there are indications of the approach of secondary disturbances, so that the weather will probably remain variable.

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 } Moderate or light N.W. to W. breezes; changeable, some rain or hail showers, fair to fine intervals; cool.
- 1 }
- 2 } Strong moderating N.W. winds, backing later; squally, generally fair or fine, local rain or hail showers; cool to moderate temperature.
- 3 }
- 4 }
- 5 }
- 6 } Same as Nos. 0 & 1.
- 7 }
- 8 } Same as Nos. 2 to 5.
- 9 } Very variable breezes, force doubtful; changeable, from fair or fine to showery; cool.
- 10 }

WESTERN CHANNEL AND BAY



N.W. high or strong winds, moderating and backing later; sea high or rough; squally, fair generally, some showers; 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 Cone. 
North Cone. 

South Cone. 
North Cone. 



Saturday, 12th December, 1908.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
				Hrs.	Ins.					Hrs.	Ins.
Dublin (City), to 4 p.m....	45	39	cyp. b	*	0.02	Brighton, to 6 p.m. ...	45	41	*	3.3	0.26
Rossall Beach, to 6 p.m....	45	39	-	*	0.10	Eastbourne, to 6 p.m. ...	50	40	*	3.5	0.49
Blackpool, to 9 p.m. ...	46	40	bc	6.0	0.03	Bexhill-on-Sea, to 9 p.m.	52	39	-	3.2	0.19
Southport, to 9 p.m. ...	45	40	oap. bc. b	5.7	0.12	Hastings	*	*	*	3.6	*
Rhyl, to 6 p.m.	47	41	*	2.2	0.03	Folkestone, to 6 p.m. ...	51	35	or. bc. b	2.4	0.12
Colwyn Bay, to 6 p.m. ...	46	42	c. o	2.0	0.06	Ramsgate, to 6 p.m. ...	*	*	*	1.8	0.04
Llandudno, to 9 p.m. ...	47	41	op. o. bc. o	1.8	-	Margate, to 6 p.m.	45	37	o. b	1.1	0.14
Bettws-y-Coed, to 6 p.m.	46	38	c	0.0	*	Felixstowe, to 6 p.m. ...	42	38	*	1.0	0.03
Towyn, to 6 p.m.	47	42	r. bcq. b	2.0	0.22	Lowestoft, to 6 p.m. ...	43	36	o. c. orq	0.2	0.12
Aberystwyth, to 6 p.m....	50	41	*	2.5	0.05	Skegness, to 6 p.m....	42	34	c. bcq. c	3.3	0.02
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	46	38	o	0.0	0.01
Torquay, to 6 p.m....	48	43	*	3.3	0.21	Harrogate, to 6 p.m. ...	41	35	r. o. bc. b	3.6	0.01
Weymouth, to 6 p.m. ...	50	46	c. b	5.5	0.36	Buxton, to 6 p.m.	42	34	or. bc. c	3.0	0.57
Bournemouth to 6 p.m....	47	40	r. bc. b	6.1	0.20	Darwen, to 9 p.m.	40	32	orthp. bc	4.0	0.14
Southsea, to 6 p.m....	46	41	*	5.6	0.38	Manchester, to 9 p.m. ...	45	39	op. c. bc. c	3.3	0.12
Worthing, to 6 p.m. ...	45	40	r. o. c	4.7	0.27	Birmingham, to 9 p.m....					

STATIONS. 11th Decr. 1908	TEMPERATURE F.		WEATHER.	RAIN. — Ins.	STATIONS. 11th Decr. 1908.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.
	Max.	Min.				Max.	Min.		
Madeira	°	°			St. Petersburg	°	°		
Marseilles	57	48	r, 0	0.28	Utrecht	45	39	0, 6c	0.32
Malta	59	50	c	0.63	Groningen	43	39	r, r	0.35
Algiers	63	52	c, 0	0.04					
Tunis	66	37	6c, c	—	10th Decr. 1908.	1.30 p.m.	1.30 p.m.	Measured 7.30 a.m.	
Palermo	61	46	6, 0	—	Geneva	46	*	0	—
Naples	55	42	0, 0	0.20	Berne	41	*	0	—
Brindisi	54	36	6, c	—	Coire	37	*	6	—
Florence	44	40	0, r	0.47	Castasegna	30	*	6	—
Rome	49	46	0, 0	0.24	Lugano	36	*	0	—
Vienna	28	27	0, 0	—	Davos	25	*	6	—

(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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.

(c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.

(d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

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

[illegible]

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the enquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

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

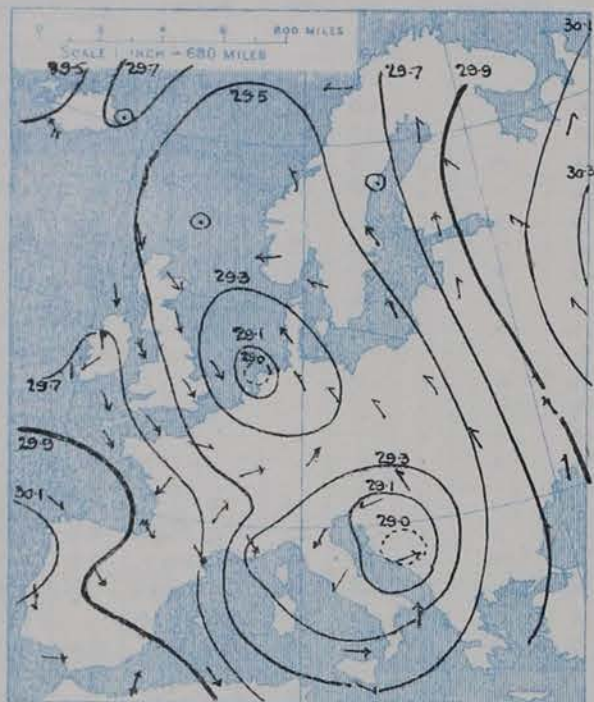
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,
13th December, 1908

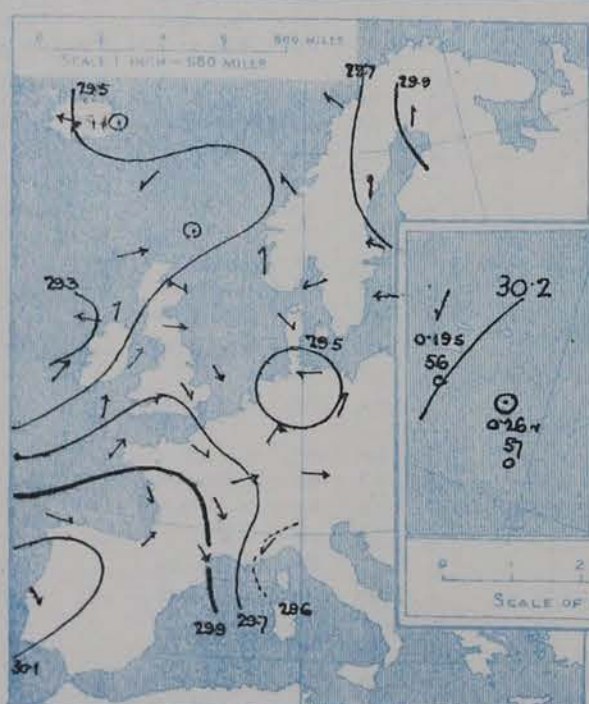
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.	Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.			
				At 32° Fahr. and M.S.L.	Dry Bulb.			Dir.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.		Wet Bulb.	Change since Yesterday.				Dir.	Force (0 to 12).	Max.
		Ins.	"				Ins.	Ins.	"	"	"				"	"		Hours.	Ins.		
SCANDINAVIA.	Haparanda...	29.96	23	S	2	0	29.94	+0.9	24	24	-2	S	2	0	*	34	19	*	*		
	Hernösand...	29.82	32	S	4	S	29.74	+0.9	31	30	-3	2	0	S	*	34	31	*	0.32		
	Stockholm...	29.67	33	ESE	4	S	29.62	+0.6	33	33	-1	ESE	2	m	*	36	32	*	0.24		
	Wisby...	29.59	34	E	4	S	29.62	+1.2	36	35	+2	SSE	4	0	*	38	30	*	0.20		
	Karlstad...	29.64	34	E	2	S	29.65	+1.8	32	31	-3	2	0	0	*	*	*	*	0.12		
	Færder (X'ania Fjord)	29.59	37	NE	2	0	29.65	+2.6	36	35	+1	E	1	0	1	37	35	*	-		
	Bodö...	29.63	36	SE	2	0	29.61	+0.7	36	35	+1	ESE	2	0	1	36	32	*	-		
ICELAND & FAEROE.	Christiansund...	29.52	41	ESE	1	0	29.59	+2.7	39	34	-3	ESE	2	0	3	43	37	*	-		
	Skudesnaes...	29.57	38	S	2	C	29.56	+2.1	40	39	-1	SSE	4	0	3	41	37	0.2	-		
	Reykjavik...	29.37	28	E	7	C	29.35	-1.4	24	*	-4	2	0	C	*	*	*	*	*		
	Blönduós...	29.54	26	SSE	3	C	29.48	-0.1	12	*	-16	2	0	0	*	*	*	*	*		
BRITISH ISLANDS.	Seydisfjord...	29.67	26	2	0	0	29.49	-2.2	27	*	-7	2	0	0	*	*	*	*	*		
	Thorshavn...	29.41	38	NE	3	C	29.21	+2.2	40	*	+2	SSE	4	0	*	*	*	*	*		
	Sumburgh Head	29.43	39	2	0	0	29.25	-0.7	41	41	+2	S	5	r	6	44	36	0.0	0.25		
	Stornoway...	29.47	35	WSW	4	0	29.01	-4.7	42	42	+3	SW	5	r	5	44	31	bc, dp, slpg	2.0	0.39	
	Castlebay (Barra Id.)	29.44	42	ESE	3	0	29.08	-4.9	43	41	+3	W	4	op	4	48	39	bc, o, org, o	2.6	0.25	
	Malin Head...	29.41	37	S	3	og	29.15	-4.2	41	41	-2	S	4	bcq	2	45	35	bc, ogq, p	*	0.07	
	Blacksod Pt.	29.24	43	E	6	r	29.20	-4.6	46	42	-1	WSW	5	C	4	52	40	cg, org, bcp	*	0.21	
	Valencia...	29.39	53	SW	4	om	29.37	-3.3	46	42	+10	SW	5	cp	5	54	36	om, c, b	0.0	0.69	
	Roche's Point...	29.48	48	S	7	r	29.43	-3.3	46	44	+6	WSW	3	bc	5	52	37	0.0, bc	*	0.40	
	Birr Castle...	29.44	40	S	5	r	29.34	-3.7	41	39	+10	SSW	4	cp	*	49	30	0.0, r	0.0	0.17	
GERMANY, & C.	Donaghadee...	29.59	41	WSW	2	C	29.28	-2.7	41	40	+3	SW	3	C	2	47	34	bc, om	*	0.20	
	Liverpool Obsy...	29.63	40	WSW	2	0	29.39	-1.3	43	41	0	S	3	0	2	45	37	bc, b, o	3.3	-	
	Holyhead...	29.60	43	SW	2	ogm	29.38	-1.9	48	46	+4	W	3	cp	2	51	39	bc, ogm	*	0.02	
	Pembroke (St. Ann's Hd.)	29.63	46	S	5	0	29.45	-2.0	51	48	+8	W	6	cp	5	52	42	bcq, bc, ov	2.0	0.21	
	Scilly (St. Mary's)	29.65	49	S	5	r	29.54	-1.9	50	50	+3	SW	4	0	5	50	46	0.0, r	0.0	0.30	
	Jersey (St. Aubins)	29.80	46	W	4	0	29.65	+0.2	53	53	+8	S	4	r	3	53	44	cg, bc, o, r	1.8	0.21	
	Portland Bill	29.77	46	WNW	3	0	29.52	-0.4	53	53	+8	SSW	4	0	4	53	45	bc, o	*	0.13	
	Dungeness...	29.63	41	NW	3	bc	29.59	+2.8	45	45	+2	S	5	r	5	45	34	bc, c, r	*	0.22	
	Dover...	29.65	41	NW	4	0	29.63	+3.3	44	43	+3	SSW	4	0	6	44	36	0.0, bc, o, r	1.1	0.13	
	Wick...	29.49	42	S	2	0	29.13	-2.5	41	38	+2	S	5	0	5	44	34	-	*	-	
FRANCE.	Nairn...	29.49	30	W	1	0	29.15	-2.9	39	37	0	W	1	C	1	40	28	bc, b, bc	5.0	0.01	
	Aberdeen...	29.54	34	WNW	1	0	29.24	-1.7	41	40	+2	SSE	3	r	3	43	31	c, bc, b, or	2.2	0.06	
	Leith...	29.53	32	W	1	0	29.22	-2.2	40	39	+3	W	1	C	*	41	29	bc, b, c, op	*	0.03	
	North Shields	29.57	38	W	2	C	29.32	-0.6	39	39	-2	S	4	0	3	42	33	0.0, c	*	0.01	
	Spurn Head...	29.59	41	W	4	C	29.40	+1.5	39	39	-2	S	5	0	4	42	38	bc, c, opm	*	0.02	
	Yarmouth...	29.59	42	NW	4	cp	29.55	+3.8	37	37	-4	S	4	op	5	44	35	c, cp	0.0	0.10	
	Clacton-on-Sea...	29.67	41	WNW	4	0	29.59	+2.9	43	43	+1	SSE	5	0	?	43	35	c, bc, o, r	2.1	0.13	
	Nottingham...	29.64	39	WNW	3	0	29.47	+0.6	41	41	-1	SSW	2	0	*	44	34	om, b	0.1	0.06	
	Bath...	29.72	42	NW	1	0	29.51	-0.5	45	45	+3	SW	1	bc	*	52	38	-	4.2	0.04	
	Oxford...	29.72	37	WSW	3	0	29.53	+0.1	45	45	+4	S	2	0	*	45	36	bc, c, o, rg	*	0.14	
SPANISH PENIN.	London (St. James's Pl)	29.68	41	NW	2	0	29.56	+1.7	45	44	+1	S	2	0	*	46	38	og, b, o, r	1.4	0.15	
	The Scaw (Skagen)	29.57	39	ENE	1	0	29.65	+3.1	38	37	0	2	0	0	0	41	37	*	*	-	
	Fanö...	29.57	39	NW	1	bc	29.69	+4.7	38	38	0	SE	1	C	*	39	36	*	*	-	
	Cuxhaven†...	29.43	38	E	2	0	29.73	+6.0	38	100	+2	S	2	om	*	39	36	*	*	-	
GERMANY, & C.	The Helder...	29.54	42	NE	1	0	29.67	+6.7	44	42	-1	SSW	3	C	2	46	34	*	*	-	
	Brussels...	*	*	*	*	*	29.78	+5.9	39	37	+3	SSW	3	0	*	43	35	*	*	0.16	
	Berlin†...	29.49	35	SSW	2	0	29.76	+5.0	28	88	-3	2	0	0	*	37	28	*	*	-	
	Frankfurt†...	29.50	40	SW	3	0	29.88	+6.1	39	82	+2	SW	2	0	*	41	37	*	*	0.08	
	Munich†...	29.62	35	W	5	0	29.96	+5.8	35	100	0	SW	4	0	*	37	32	*	*	0.16	
	C. Gris Nez...	29.67	44	WNW	5	bc	29.63	+3.3	41	40	-2	S	5	r	5	48	39	*	*	0.16	
	La Hève...	29.74	44	NW	5	C	29.66	+1.6	43	42	-2	SW	6	0	6	46	39	*	*	-	
	Brest...	29.86	51	SW	4	0	29.71	-0.4	54	53	+5	WSW	4	0	4	54	48	*	*	0.08	
	Lorient...	29.84	50	W	3	0	29.72	-0.1	55	55	+9	SW	6	r	4	55	46	*	*	0.08	
	Rochefort...	29.94	49	NNW	3	C	29.89	+1.6	54	54	+7	W	4	C	*	?	?	*	*	0.12	
FRANCE.	Biarritz...																				
	Paris...	29.75	43	W	3	0	29.82	+3.9	39	39	-1	S	3	r	*	46	33	*	*	0.08	
	Belfort...	29.63	34	WSW	4	r	30.02	+5.5	34	33	-1	WSW	3	0	*	36	33	*	*	0.16	
	Lyons...	29.85	42	NW	6	C	30.09	+4.9	35	33	-4	SW	1	0	*	?	32	*	*	-	
	Nice...	29.56	45	NE	5	0	29.88	+6.5	48	37	+5	NE	2	0	3	52	39	*	*	-	
	Perpignan...	29.95	48	NW	5	0	30.06	+4.3	43	41	-3	S	1	C	*	51	43	*	*	-	
SPANISH PENIN.	Sanguinaire...																				
	Corunna...	30.08	57	W	3	0	30.05	-0.0	56	54	+2	SW	3	0	6	59	50	*	*	-	
	Lisbon...	30.17	55	NW	1	0	30.13	+0.3	52	51	-5	E	1	C	*	61	52	*	*	-	
	Azores (P. Delgada)...	30.19	58	W	2	m	30.19	-0.2	56	51	0	NNE	3	C	*	63	55	*	*	0.24	
SPANISH PENIN.	" Horta...	30.22	59	NNE	3	0	30.26	+0.8	57	52	-2	2	0	0	2	64	57	*	*	-	

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

7 A.M. YESTERDAY.



6 P.M. YESTERDAY



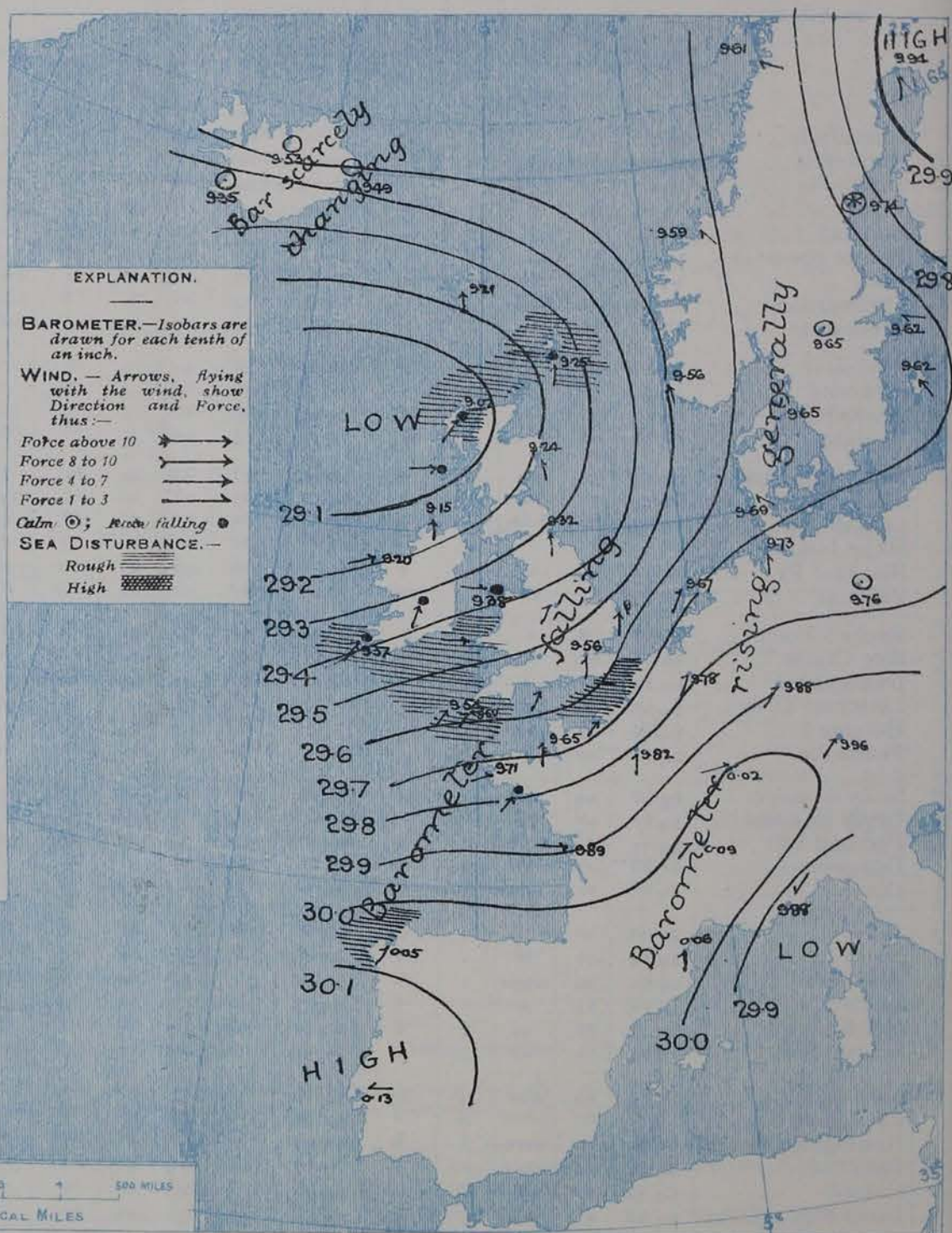
AVERAGES OF TEMPERATURE, AT 8 A.M.
FOR THE MONTH OF DECEMBER.

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



Sunday, WEATHER

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



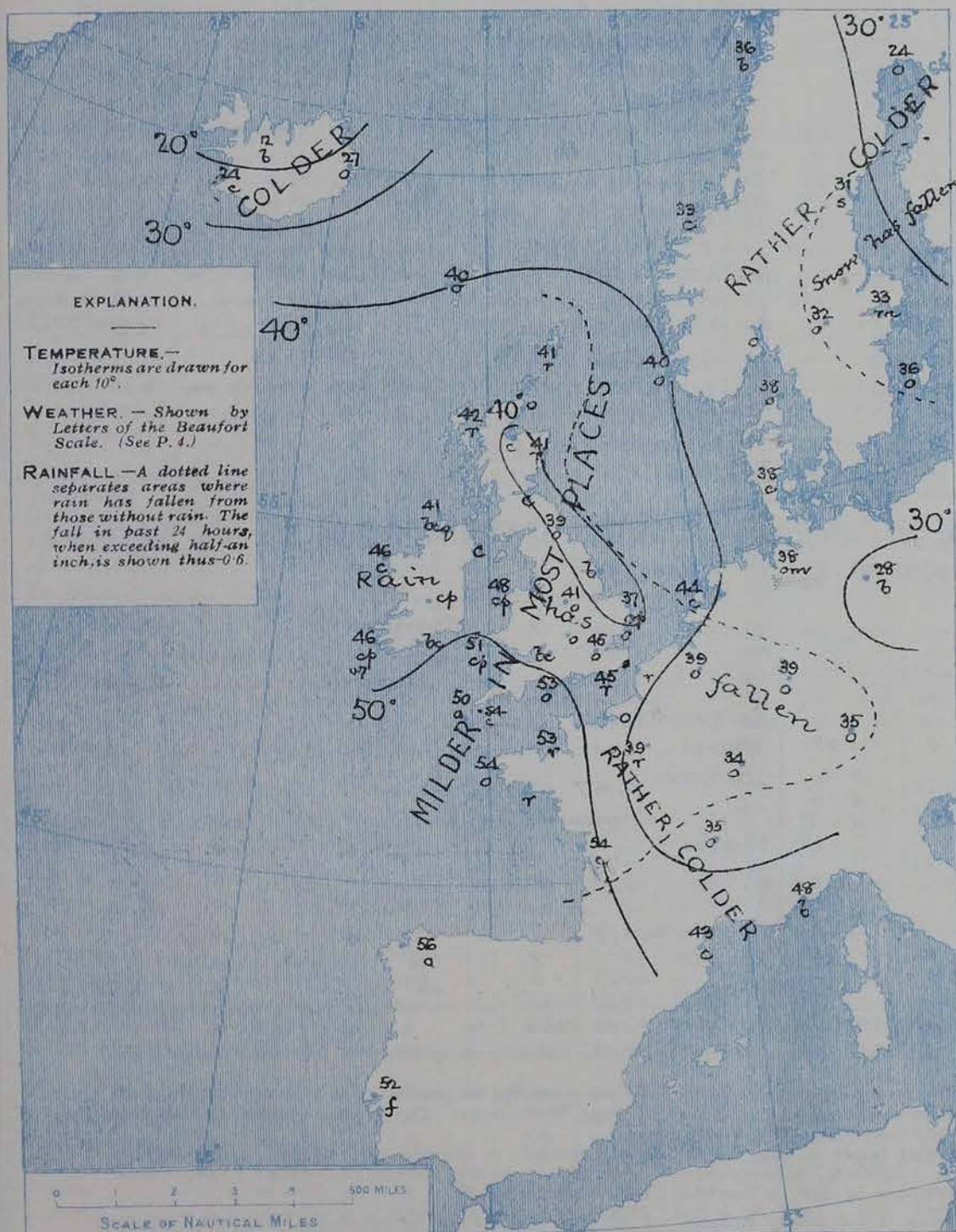
NOTES ON THE GENERAL SITUATION AT 7 A.M.

The depression of the past two days has entirely dispersed, but another system has appeared off our west and north-west coasts, where the barometer is below 29.1 ins and is still falling. The highest readings, above 30.1 ins. are found in Portugal, but pressure is relatively high in a band extending thence to Bavaria. The gradient is moderate to slight generally.

The wind is strong from the Westward at Pembroke and fresh from South-West at some other western stations, and from South in the far north of Scotland, but over these Islands as a whole it is light or moderate from the South-Westward. On the Continent the general direction is between West and South over France and Germany, and between South and East in Scandinavia. Temperature has risen in most localities. The readings are 50° or rather higher in the south-west of these Islands and north-west of France, but below 40° at some of our northern and eastern stations and in the east of France. The weather is cloudy or quite overcast in nearly all parts of our area, with rain at several of our own stations and in the north of France, and snow at Hemsland.

CHARTS 13th December, 1908.

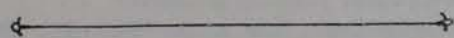
2. TEMPERATURE AND WEATHER AT 7 A.M. TO-DAY.



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer remained below 45° over a large portion of the United Kingdom, and only touched 40° at Naïra. Rain has fallen in most regions the amounts being rather heavy in Ireland, and thunder and lightning have occurred at Stornoway. A considerable duration of bright sunshine is reported from some southern and south-western stations and at Naïra, but generally the day was dull. A gale from the south-westward was experienced during the night at Blackrock Point.

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

1

2

3

4

5

6

7

8

9

10

11 WESTERN CHANNEL AND BAY

None Issued.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

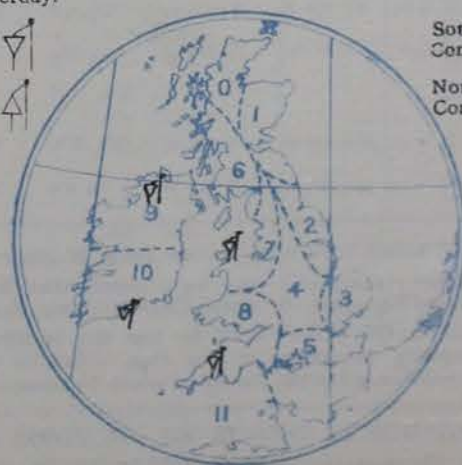
Signals hoisted this morning.

South Cone.

North Cone.

South Cone.

North Cone.



DAILY WEATHER REPORT.

Sunday, 13th December, 1908.

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.			
Dublin (City), to 4 p.m. ...	42	34	bc, c, o	*	-	Brighton, to 6 p.m. ...	*	*	*	*	*
Rossall Beach, to 6 p.m. ...	44	38	*	*	-	Eastbourne, to 6 p.m. ...	*	*	*	*	*
Blackpool, to 9 p.m. ...	44	39	bc, c	4.0	-	Bexhill-on-Sea, to 9 p.m. ...	46	38	*	3.3	-
Southport, to 9 p.m. ...	45	38	bc, c, o	4.2	-	Hastings ...	*	*	*	0.8	*
Rhyl, to 6 p.m. ...	*	*	*	2.4	0.05	Folkestone, to 6 p.m. ...	44	37	bc, r, bc, b	1.5	0.07
Colwyn Bay, to 6 p.m. ...	44	40	bc, o	1.5	-	Ramsgate, to 6 p.m. ...	*	*	*	3.8	-
Llandudno, to 9 p.m. ...	46	38	o, bc, o	1.7	-	Margate, to 6 p.m. ...	45	40	*	2.1	0.08
Bettws-y-Coed, to 6 p.m. ...	*	*	*	*	*	Felixstowe, to 6 p.m. ...	*	*	*	*	*
Towyn, to 6 p.m. ...	46	41	b, bc, o	2.7	0.02	Lowestoft, to 6 p.m. ...	*	*	*	*	*
Aberystwyth, to 6 p.m. ...	50	43	*	1.3	-	Skegness, to 6 p.m. ...	43	39	r, c, b, bc	4.9	0.12
Plymouth, to 9 p.m. ...	*	*	*	*	*	Scarborough, to 9 p.m. ...	44	39	o, c	0.6	0.04
Torquay, to 6 p.m. ...	52	41	*	0.8	-	Harrogate, to 6 p.m. ...	42	33	o, bc, b	2.0	-
Weymouth, to 6 p.m. ...	46	41	c, b, bc	4.0	-	Buxton, to 6 p.m. ...	*	*	*	*	*
Bournemouth to 6 p.m. ...	45	40	b, bc	4.4	-	Darwen, to 9 p.m. ...	40	32	bc, o, p, o, w	3.6	0.01
Southsea, to 6 p.m. ...	*	*	*	*	*	Manchester, to 9 p.m. ...	44	37	c, bc, c	1.6	*
Worthing, to 6 p.m. ...	*	*	c, bc	5.4	-	Birmingham, to 9 p.m. ...	43	36	c	3.7	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 12 th December, 1908.	TEMPERATURE F.		WEATHER	RAIN. Ins.	STATIONS. 12 th December, 1908.	TEMPERATURE F.		WEATHER	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira ...	55	41	o, b	0.35	St. Petersburg ...	43	39	bc, o	-
Marseilles ...	61	52	r	0.24	Utrecht ...	43	39	r, r	0.47
Malta ...	66	54	c, c	0.35	Groningen ...	43	37	c, o	0.35
Algiers ...	63	43	bc, f	0.04	11 th December, 1908. 1.30 p.m.				Measured 7.30 a.m.
Tunis ...	58	53	r, r	0.79	Geneva ...	45	*	o	0.32
Palermo ...	57	48	r, c	2.13	Berne ...	43	*	o	0.16
Naples ...	55	37	r, r	0.59	Coire ...	41	*	o	-
Brindisi ...	54	40	r, o	1.42	Castasegna ...	30	*	s	0.32
Florence ...	55	43	r, r	1.65	Lugano ...	34	*	s	0.20
Rome ...	34	30	s, o	0.20	Davos ...	30	*	s	-

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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

WIRELESS TELEGRAMS FROM SHIPS OF H.M. NAVY.

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

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.
	Lat.	Long.		Dir.	Force.		Air.	Wet Bulb.	Sea.	
12 th Dec. 4 p.m.	51.40 N	8.22 W	29.53	SE	5	r	47	46	51	4
" 3.6 p.m.	51.31 N	7.58 W	29.50	S	6	r	49	48	52	5
13 th Dec. 4 a.m.	50.19 N	6.9 W	29.51	SW	3	bc	54	53	53	4
" 7 a.m.	49.59 N	5.37 W	29.60	SW	3	c	54	53	53	3

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

13 th & 14 th Dec. 1908.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	7.58	11.47	3.36
Greenwich	7.59	11.48	3.36
Wick	7.59	11.54	3.49
Valencia	8.0	11.55	3.49
Wick	8.56	12.6	3.16
Valencia	8.57	12.7	3.16
Valencia	8.43	12.35	4.27
Valencia	8.44	12.36	4.27

TERMS OF SUBSCRIPTION for the Daily Weather Report, forwarded by Book Post, £1 per annum, payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the enquiry and reply Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (Director.)

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Monday
(14th December, 1908

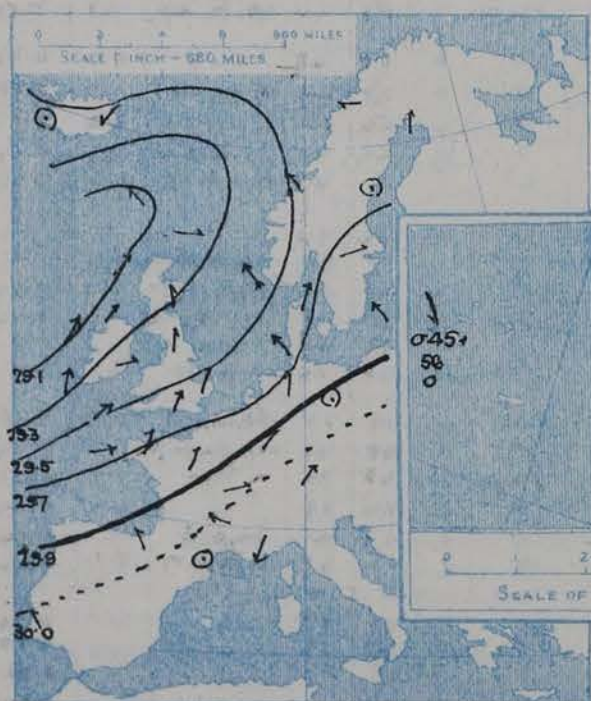
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.	Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.			
At 32° Fahr. and M.S.L.	Dry Bulb	Direc.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Max.	Min.	Hours.	Ins.							
SCANDINAVIA.	Haparanda...	29.65	27	S	2	S	29.57	-0.37	22	22	-2	S	2	0	*	27	19	*	*	0.28	
	Hernösand...	29.62	30	Z	0	S	29.73	-0.01	17	16	-14	Z	0	0	*	34	31	*	*	0.28	
	Stockholm...	29.75	32	WSW	2	0	29.87	+0.25	33	32	0	S	2	0	*	34	32	*	*	-	
	Wisby...	29.83	37	SE	4	0	29.88	+0.26	37	34	+1	ESE	4	0	*	39	30	*	*	-	
	Karlstad...	29.76	33	Z	0	0	29.73	+0.08	36	35	+4	E	2	0	*	*	*	*	-		
	Färder (X'ania Fjord)	29.66	40	S	3	0	29.62	-0.03	39	39	+3	SE	6	0	*	41	36	*	*	0.04	
	Bodö...	29.58	31	E	2	0	29.57	-0.04	27	25	-9	E	2	0	*	36	25	*	*	-	
ICELAND & FAEROE.	Christiansund	29.52	35	SE	2	0	29.47	-0.12	36	34	-3	ESE	1	0	*	39	34	*	*	-	
	Skudenes	29.38	40	SE	3	0	29.51	-0.05	43	43	+3	S	4	0	*	43	39	*	*	0.12	
	Reykjavik...	29.40	23	Z	0	0	29.43	+0.08	21	*	-3	Z	0	0	*	*	*	*	*	-	
	Blönduos...	29.53	12	SSE	1	0	29.54	+0.06	29	*	+17	E	2	0	*	*	*	*	*	-	
	Seydisfjord...	29.46	34	NE	4	0	29.48	-0.01	32	*	+0	Z	0	0	*	*	*	*	*	-	
	Thorshavn...	29.07	42	ESE	3	0	29.21	0.00	38	*	-2	Z	0	0	*	*	*	*	*	-	
	Sumburgh Head	29.18	40	W	1	0	29.32	+0.07	40	39	-1	Z	0	0	*	44	39	c, z	*	0.25	
BRITISH ISLANDS.	Stornoway...	29.12	43	SSW	5	0	29.24	+0.22	45	45	+3	SW	5	0	*	45	39	c, dep. zc	0.5	0.10	
	Castlebay (Barra Id.)	29.15	47	SSW	4	0	29.20	+0.12	47	44	+4	SE	4	0	*	48	34	dep. p. c. zc	0.7	0.08	
	Malin Head...	29.17	40	SW	4	0	29.18	+0.03	41	41	0	SSE	4	0	*	44	40	dep. p. c. zc	*	0.13	
	Blacksod Pt.	29.12	47	SSW	5	0	29.09	-0.11	46	44	0	S	5	0	*	48	43	dep. p. c. zc	*	0.23	
	Valencia...	29.25	48	S	4	0	29.13	-0.24	44	43	-2	SSE	2	0	*	49	43	c, b, p, zc	2.2	0.23	
	Roche's Point...	29.36	48	WSW	4	0	29.21	-0.22	47	46	+1	SW	5	0	*	50	45	dep. p. zc	*	0.34	
	Birr Castle...	29.29	40	SSW	1	0	29.18	-0.16	43	42	+2	S	1	0	*	46	38	z, c, dep.	3.5	0.06	
	Donaghadee...	29.32	40	S	2	0	29.31	+0.03	42	41	+1	SSE	1	0	*	47	38	z	*	0.01	
	Liverpool Obsy...	29.42	42	S	3	0	29.44	+0.02	39	38	+4	ESE	4	0	*	46	38	z, dep. zc	4.5	0.03	
	Holyhead...	29.37	46	WSW	3	0	29.36	-0.02	48	46	0	SW	3	0	*	49	43	cu, zc	*	0.59	
	Pembroke	29.43	49	WSW	6	0	29.35	-0.10	51	47	0	S	7	0	*	53	44	cu, zc, dep.	2.3	0.12	
	Scilly (St. Mary's)	29.54	50	SW	4	0	29.38	-0.16	51	49	+1	SSW	4	0	*	53	48	c, o	0.0	0.03	
	Jersey (St. Aubins)	29.69	51	SSW	2	0	29.60	-0.05	50	49	-3	SSW	3	0	*	57	49	cu, zc, dep.	4.1	0.25	
	Portland Bill	29.55	52	SW	5	0	29.52	0.00	52	50	-1	SW	3	0	*	54	50	c	3.2	0.07	
	Dungeness...	29.56	52	SW	5	0	29.60	+0.01	51	50	+6	SSW	5	0	*	53	45	cu, zc, dep.	0.0	0.14	
Dover...	29.60	51	SW	4	0	29.60	-0.03	50	49	+6	SSW	4	0	*	51	43	cu, zc, dep.	0.0	0.17		
GERMANY, &c.	Wick...	29.19	38	SW	3	0	29.32	+0.19	42	40	+1	W	3	0	*	44	34	-	*	-	
	Nairn...	29.20	36	WSW	1	0	29.30	+0.15	39	37	0	Z	0	0	*	41	33	z, b, zc, c	3.5	-	
	Aberdeen...	29.29	40	SSE	1	0	29.40	+0.16	38	38	-3	S	1	0	*	42	34	cu, zc, b, zc	2.3	0.04	
	Leith...	29.29	41	SW	2	0	29.35	+0.13	41	38	+1	SW	2	0	*	46	38	z, dep. zc, zc	*	0.04	
	North Shields	29.37	42	S	2	0	29.46	+0.14	38	36	-1	SSW	3	0	*	47	35	c, cu, c	*	-	
	Spurn Head	29.45	43	SSW	2	0	29.53	+0.13	41	40	+2	SSW	3	0	*	45	39	cu, zc	*	-	
	Yarmouth...	29.51	48	SSW	2	0	29.66	+0.06	45	45	+8	S	2	0	*	49	37	cu, zc, dep.	0.0	0.15	
	Clacton-on-Sea	29.53	47	SW	4	0	29.61	+0.02	46	46	+3	SSW	1	0	*	48	42	cu, zc, dep.	0.1	0.09	
	Nottingham...	29.48	41	W	1	0	29.53	+0.06	39	39	-2	SW	1	0	*	48	38	cu, zc, dep.	0.0	0.03	
	Bath...	29.57	47	W	1	0	29.52	+0.01	47	46	+2	SW	1	0	*	54	39	-	2.4	0.20	
	Oxford...	29.56	49	S	2	0	29.54	+0.01	46	45	+1	S	2	0	*	53	41	z, b, zc	*	0.04	
	London (St. James's Park)	29.55	51	SSW	4	0	29.57	+0.01	49	48	+4	SSW	2	0	*	54	45	z, b, zc, dep.	0.1	0.04	
	FRANCE.	The Scaw (Skagen)	29.68	40	SSW	4	0	29.62	-0.03	39	38	+1	SW	3	0	*	41	37	*	*	0.20
		Fanö...	29.63	39	SE	6	0	29.66	-0.03	43	42	+5	SSW	2	0	*	43	37	*	*	0.16
		Cuxhaven...	29.71	40	S	4	0	29.74	+0.01	45	44	+8	S	3	0	*	48	38	*	*	0.08
The Helder		29.56	42	S	4	0	29.70	+0.03	46	46	+2	ESE	3	0	*	48	41	*	*	0.24	
Brussels...		*	*	*	*	*	29.74	-0.04	50	49	+11	SSW	4	0	*	50	36	*	*	0.16	
Berlin...		29.93	35	Z	0	0	29.94	+0.18	39	87	+11	SSW	2	0	*	39	28	*	*	-	
Frankfurt...		29.43	40	SW	4	0	29.95	+0.07	45	95	+6	SW	3	0	*	45	39	*	*	-	
Munich...		30.07	35	SW	0	0	30.11	+0.15	32	100	-3	SE	2	0	*	39	30	*	*	-	
C. Gris Nez		29.61	51	WSW	5	0	29.65	+0.02	46	46	+5	S	4	0	*	52	46	*	*	0.28	
La Hève		29.74	48	WSW	5	0	29.68	+0.02	48	47	+5	SSE	4	0	*	52	43	*	*	0.24	
Brest...		29.66	53	WSW	4	0	29.58	-0.13	52	50	-2	SSW	3	0	*	54	50	*	*	0.24	
Lorient		29.70	53	SW	5	0	29.59	-0.13	51	51	-4	SSW	5	0	*	55	50	*	*	0.12	
Rochefort		29.85	55	W	4	0	29.70	-0.19	50	48	-4	WSW	5	0	*	59	48	*	*	-	
Biarritz		29.91	58	SE	2	0	29.74	-0.17	61	53	-8	SSE	3	0	*	63	54	*	*	-	
SPANISH PENIN.		Paris...	29.81	50	SSW	4	0	29.78	-0.04	50	49	+11	S	3	0	*	52	39	*	*	0.08
	Belfort...	30.02	41	WSW	2	0	29.92	-0.10	38	37	+4	ESE	4	0	*	45	34	*	*	-	
	Lyons...	30.07	42	ESE	1	0	29.96	-0.13	48	41	+13	SSE	5	0	*	48	35	*	*	-	
	Nice...	30.05	48	NNE	4	0	30.18	+0.30	41	35	-7	NE	4	0	*	57	39	*	*	-	
	Perpignan	30.06	46	Z	0	0	29.86	-0.20	48	45	+3	E	3	0	*	58	40	*	*	-	
	Sanguinaire	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-

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 DECEMBER.

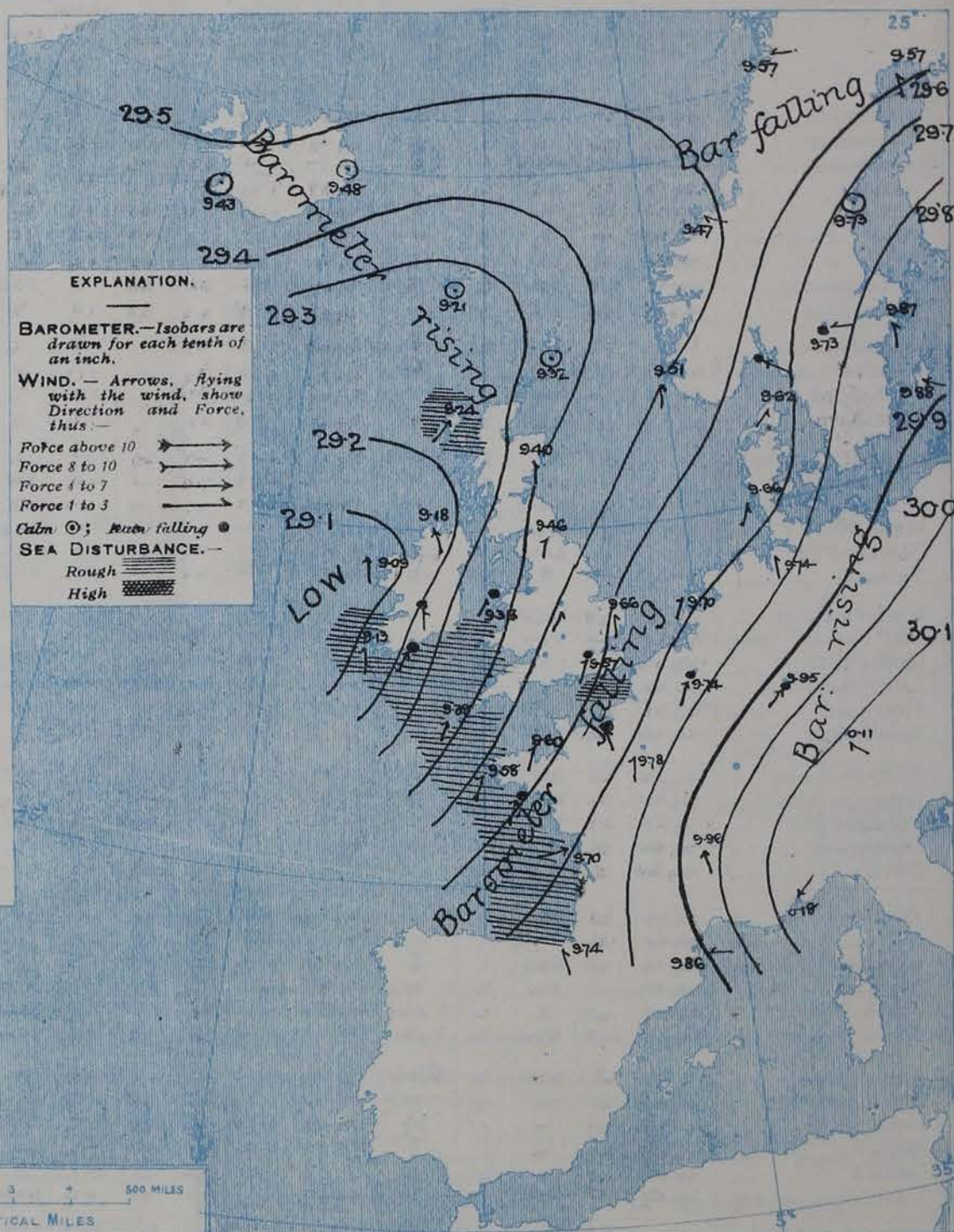
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Monday

WEATHER

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



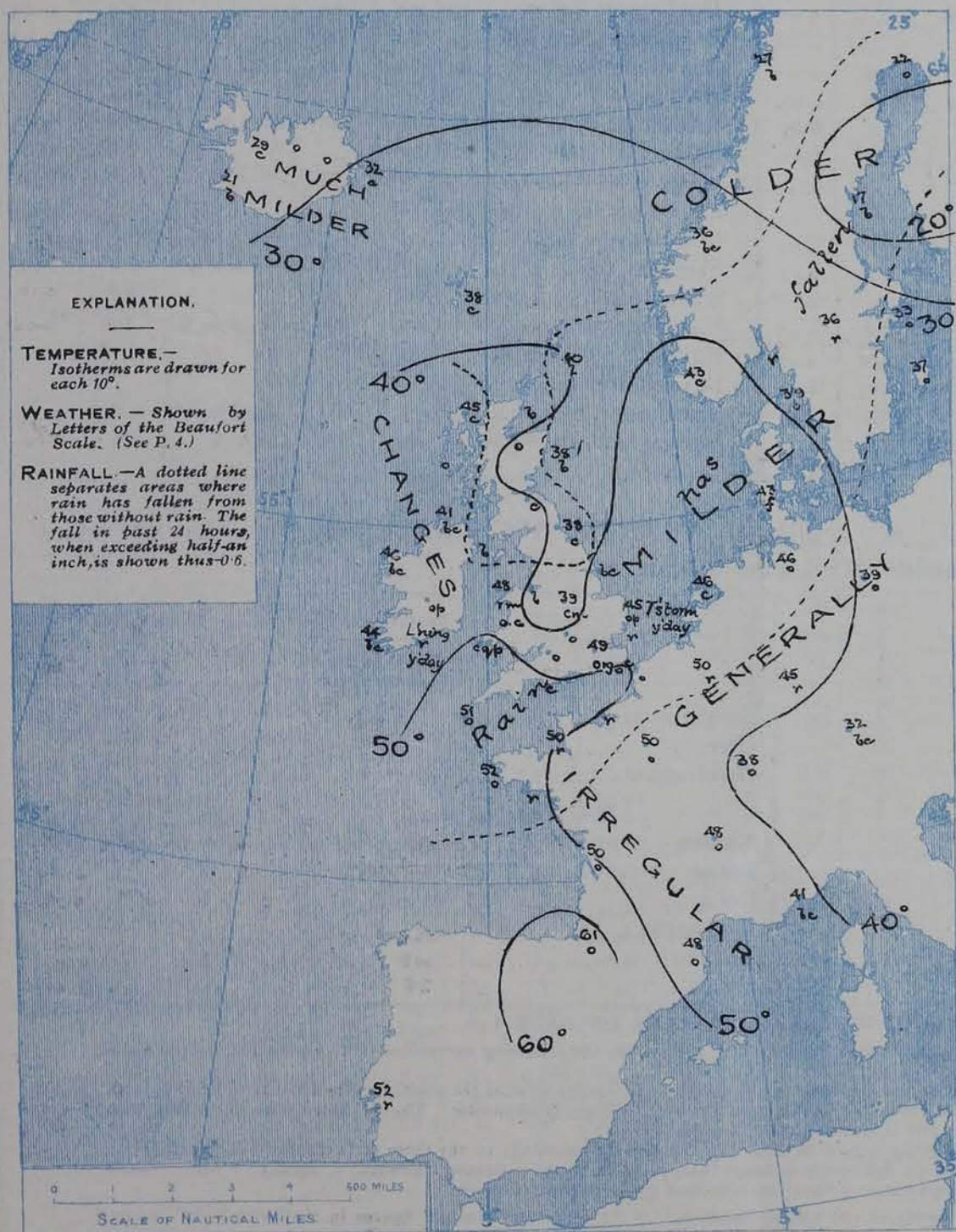
NOTES ON THE GENERAL SITUATION AT 7 A.M.

A southerly type of weather now prevails over Western Europe generally, the barometer being highest over Saxonia and the south-east of France, and lowest in a depression lying off the west of Ireland. The mercury is falling over the western and southern parts of the United Kingdom, and also in France and Norway, but rising elsewhere. The wind is chiefly southerly or south-westerly, and is fresh or strong in force on some parts of our own south and south-west coasts; in Norway it draws into south-east or east. Calms prevail in Iceland, the Faeroes and Shetland. Temperature has risen in the south-east of England, and also over Belgium, Germany and central France, but has changed irregularly elsewhere. Over the United Kingdom the morning readings range from a trifle above 50° on the south and south-west coasts of England to 40° and less in several parts of north Britain. Frost prevails in northern Scandinavia and in Iceland. Rain is falling at several of our own western and southern stations, as well as in the neighbouring parts of the Continent, and thunder is reported at Holyhead. Over the northern parts of the United Kingdom and the Continent the weather is generally fair. The sea is rough on our south-west coasts and rather rough in the Straits of Dover and the Bay of Biscay.

CHARTS

14th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° and upwards over the southern parts of these Islands generally, but in the north of Scotland it failed to reach 45°. The amount of bright sunshine was generally small, but more than 4 hours were registered at Liverpool and Jersey, and more than 5 hours at Torquay. Rain has fallen at all but a few of our northern and eastern stations, thunder and lightning occurred last evening at Garmouth and lightning was seen during the night at Loch's Point.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression off the Irish coasts is likely to spread eastwards, and to occasion increasing winds from the Southward and South-Westward in all our southern districts, with mild weather, and occasional rain. The unsettled conditions will subsequently extend northwards, but over North Britain the wind is at present likely to remain light or moderate in force.

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^{ly} to S.E.^{ly} winds, light or moderate; fair at first, some rain later. Becoming rather milder.
- 1 }
- 2 }
- 3 }
- 4 } S^{ly} and S.W.^{ly} winds, freshening; mild and cloudy, with occasional rain.
- 5 }
- 6 } S^{ly} and S.E.^{ly} winds, freshening; fair at first, some rain later. Continuing mild.
- 7 }
- 8 } S^{ly} and S.W.^{ly} winds, strong in places; mild, squally, occasional rain.
- 9 } Same as Nos. 6 and 7.
- 10 } Same as No. 8.

WESTERN CHANNEL AND BAY

S^{ly} and S.W.^{ly} winds, strong in places, with a rough sea. Mild, squally, occasional rain.

FORECAST DISTRICTS.

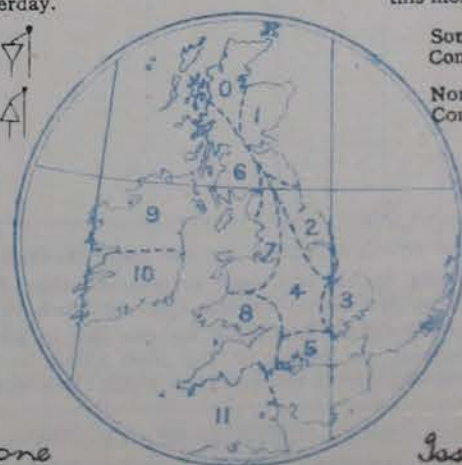
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South
Cone.
North
Cone.

South
Cone.
North
Cone.



None

Issued.

Monday, 14th December, 1908.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	50	39	org. b, bc	Hrs.	Ins.	Brighton, to 6 p.m. ...	52	39	*	Hrs.	Ins.
Rossall Beach, to 6 p.m....	48	34	c, cg	*	0.02	Eastbourne, to 6 p.m. ...	53	38	*	0.7	0.38
Blackpool, to 9 p.m. ...	49	37	o, c, r	*	0.03	Bexhill-on-Sea, to 9 p.m.	52	36	d, bc	0.1	0.45
Southport, to 9 p.m. ...	48	37	op. bc, o	0.8	0.07	Hastings	*	*	*	0.2	0.31
Rhyl, to 6 p.m.	49	39	*	0.4	0.02	Folkestone, to 6 p.m. ...	51	35	r, o, bc, o	0.0	*
Colwyn Bay, to 6 p.m. ...	49	44	bc	3.2	0.02	Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.21
Llandudno, to 9 p.m. ...	49	39	op. r, o	0.6	0.06	Margate, to 6 p.m.	53	37	r, bp, r	0.3	0.20
Bettws-y-Coed, to 6 p.m.				0.3	0.02	Felixstowe, to 6 p.m. ...				0.5	0.20
Towyn, to 6 p.m.	49	40	orh, o	*	*	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m....	49	40	*	0.0	0.39	Skegness, to 6 p.m....	47	38	r, o, c, bc	0.3	0.17
Plymouth, to 9 p.m. ...				0.3	0.09	Scarborough, to 9 p.m. ...	47	36		0.0	0.10
Torquay, to 6 p.m....	54	43	*	5.3	0.09	Harrogate, to 6 p.m. ...	46	31	b, or, bc, b	1.5	0.05
Weymouth, to 6 p.m. ...	56	42	c, bc, b, c	3.2	0.13	Buxton, to 6 p.m.					
Bournemouth to 6 p.m. ...	54	39	bc, b, c	1.0	0.16	Darwen, to 9 p.m.					
Southsea, to 6 p.m....	54	40	*	1.2	0.17	Manchester, to 9 p.m. ...	48	41	c, op, bc, b	0.5	0.10
Worthing, to 6 p.m. ...	52	35		0.4	0.43	Birmingham, to 9 p.m....	49	35	c, r, b	0.9	0.14

STATIONS. 13th Dec. 1908	TEMPERATURE F.		WEATHER.	RAIN. — Ins.	STATIONS. 13th Dec. 1908.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.
	Max.	Min.				Max.	Min.		
Madeira			St. Petersburg		
Marseilles			Utrecht		
Malta			Groningen		
Algiers							
Tunis							
Palermo							
Naples							
Brindisi							
Florence							
Rome							
Vienna							

(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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.

(c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.

(d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

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

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.
	Lat.	Long.		Direc.	Force.		Air.		Sea.	
							Dry Bulb.	Wet Bulb.		
	o	o	Ins.				o	o	o	

14th 15th Dec. 1908.				Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	{	7.59	11.48	3.36
				8.0	11.48	3.36
Greenwich	{	8.0	11.55	3.49
				8.1	11.55	3.49
Wick	{	8.57	12.7	3.16
				8.58	12.7	3.16
Valencia	{	8.44	12.36	4.27
				8.45	12.36	4.27

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

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

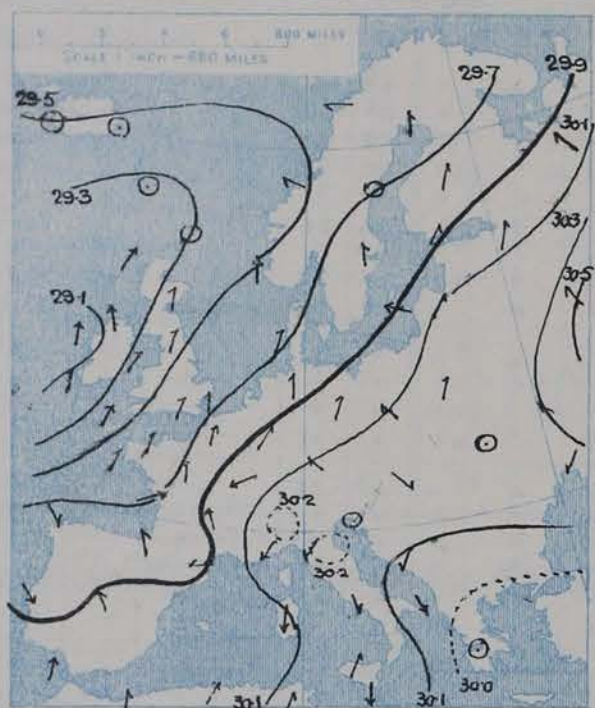
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday
15th December, 1908

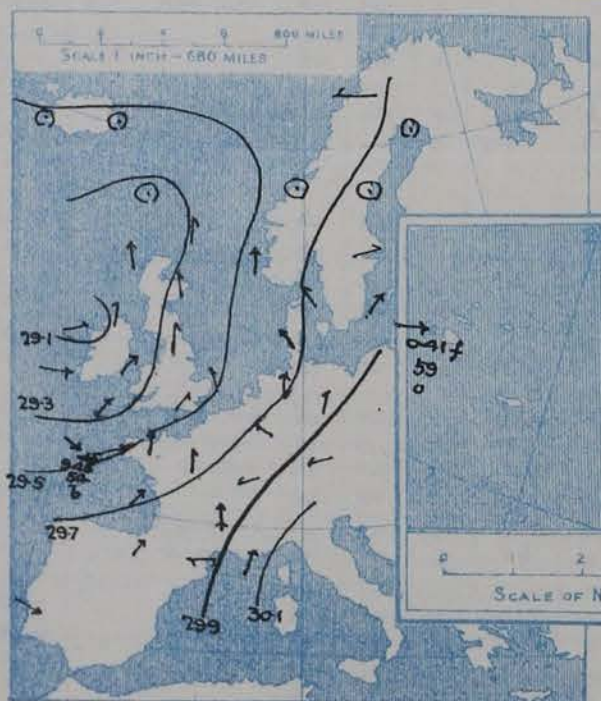
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sun. shine.	Rainfall.		
																				At 32° Fahr. and M.S.L.	Dry Bulb.
				Ins.	°		°	°	°	°	°	°	°		°	°					
SCANDINAVIA.	Haparanda...	29.77	3	Z	0	f	29.83	+0.26	14	14	-8	Z	0	0.	*	28	3	*	*	-	
	Hernösand...	29.77	27	Z	0	s	29.76	+0.03	30	30	+13	Z	0	f	*	30	14	*	*	0.04	
	Stockholm...	29.82	37	WSW	4	0	29.72	-0.15	39	39	+6	SSW	4	r	*	39	32	*	*	0.20	
	Wisby...	29.88	41	SW	4	f	29.76	-0.12	40	38	+3	S	4	0	*	41	32	*	*	0.20	
	Karlstad...	29.77	35	Z	0	f	29.61	-0.12	37	36	+1	ENE	2	0	*	*	*	*	0.32		
	Færder (X'iania Fjord)	29.70	29	NE	2	m	29.45	-0.17	40	40	+1	ESE	5	r	3	41	37	*	*	0.32	
	Bodö...	29.62	31	E	2	b	29.58	+0.01	32	29	+5	E	4	b	2	32	?	*	*	-	
	Christiansund...	29.54	40	Z	0	r	29.45	-0.02	38	33	+2	SE	2	b	3	41	37	*	*	0.08	
	Skudesnaes...	29.57	43	S	4	0	29.23	-0.28	42	42	-1	SE	6	r	4	43	39	m.0	*	0.16	
ICELAND & FAEROE.	Reykjavik...	29.47	20	Z	0	c	29.45	+0.02	25	*	+4	N	7	c	*	*	*	*	*	*	
	Blönduós...	29.53	28	NE	4	c	29.57	+0.03	21	*	-3	NE	3	c	*	*	*	*	*	*	
	Seydisfjord...	29.46	27	Z	0	c	29.33	-0.15	31	*	-1	Z	0	s	*	*	*	*	*	*	
	Thorshavn...	29.26	37	Z	0	c	29.19	-0.02	42	*	+4	Z	0	c	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.34	44	S	2	c	29.16	-0.16	44	43	+4	SE	3	0	4	45	38	c	*	0.09	
	Stornoway...	29.22	45	SE	5	bc	29.05	-0.19	42	42	-3	NW	3	0	3	47	41	c, bc, c, om	0.1	0.08	
	Castlebay (Barra Id.)	29.15	46	SE	4	op	29.06	-0.14	44	42	-3	N	1	0	3	47	42	c, bc, op, o	1.2	0.03	
	Malin Head...	29.11	43	S	2	om	29.08	-0.10	41	41	0	SW	2	bc	2	44	39	c, bc, op, bc	*	-	
	Blackod Pt.	29.07	41	WSW	2	bc, op	29.00	-0.09	39	38	-7	W	1	bc	1	47	35	bc, op, bc	*	0.12	
	Valencia...	29.21	50	W	5	bc, op	29.06	-0.07	43	41	-1	NW	2	c	5	51	42	bc, bc, op	2.1	0.27	
	Roche's Point...	29.19	46	W	4	bc, op	29.14	-0.07	43	43	-4	Z	0	r	3	49	43	bc, bc, op	*	0.38	
	Birr Castle...	29.10	43	S	3	bc	29.14	-0.04	38	36	-5	Z	0	b	*	48	35	c, r, b	2.1	0.04	
	Donaghadee...	29.13	43	SE	3	op	29.09	-0.22	39	39	-3	WSW	2	b	1	49	36	op, bc	*	0.30	
	Liverpool Obsy...	29.30	43	ESE	2	0	29.17	-0.27	43	41	+4	SSW	3	c	2	45	39	b, c, r	1.6	0.08	
	Holyhead...	29.19	48	SW	4	bc, op	29.15	-0.21	44	43	-4	W	3	c	3	49	43	bc, op, bc	*	0.54	
	Pembroke (St. Ann's Hd.)	29.22	50	SSW	6	bc	29.20	-0.15	49	46	-2	SW	5	c	5	52	46	bc, bc, op	1.5	0.11	
	Scilly (St. Mary's)	29.30	52	SW	5	r	29.23	-0.15	51	49	0	SSW	5	0	6	54	49	c, r	3.1	0.23	
	Jersey (St. Aubins)	29.52	50	S	3	c	29.49	-0.11	49	47	-1	S	4	b	3	52	48	om, op, bc	0.0	0.12	
	Portland Bill	29.40	51	SSW	5	p	29.36	-0.16	52	50	0	SW	6	bc	5	52	49	o, p	0.0	0.15	
	Dungeness...	29.45	51	SSW	5	r	29.43	-0.17	50	49	-1	SW	6	bc	5	51	47	r, bc, bc	0.0	0.54	
	Dover...	29.49	50	S	4	on	29.46	-0.14	49	47	-1	SSW	5	0	6	50	42	or	0.0	0.50	
	Wick...	29.29	44	SW	2	0	29.07	-0.25	45	44	+3	S	2	r	2	46	40	-	*	0.05	
	Nairn...	29.26	39	W	1	c	29.05	-0.25	38	37	-1	W	1	c	1	42	36	c	0.7	-	
	Aberdeen...	29.31	45	SE	2	bc	29.07	-0.33	43	43	+5	Z	0	0	2	46	36	bc, bc, or	0.2	0.22	
	Leith...	29.25	41	SE	2	c	29.04	-0.31	42	40	+1	SE	1	0	*	46	40	c, bc, op	*	0.02	
	North Shields	29.33	41	S	3	m	29.09	-0.37	42	41	+4	SSW	3	c	2	42	34	c, bc, m	*	0.02	
	Spurn Head...	29.34	45	SSW	4	r	29.18	-0.35	43	42	+2	SSW	5	bc	3	45	40	om, or, bc, b	*	0.14	
	Yarmouth...	29.48	46	SE	2	of, r	29.34	-0.32	45	44	0	SW	4	bc	3	48	43	om, of	0.0	0.30	
Clacton-on-Sea...	29.47	47	S	4	r	29.42	-0.19	45	44	-1	S	5	bc	3	47	45	om, r, c	0.0	0.68		
Nottingham...	29.38	45	SE	2	op	29.23	-0.30	44	42	+5	SSW	4	b	*	48	39	om, op	0.0	0.01		
Bath...	29.38	48	W	1	0	29.34	-0.18	46	44	-1	S	1	c	*	50	44	-	0.0	0.15		
Oxford...	29.38	46	S	3	b	29.36	-0.18	43	42	-3	S	3	b	*	49	43	or, bc, bc	*	0.22		
London (St. James's Park)	29.45	48	SW	1	bc	29.38	-0.19	47	44	-2	SSW	3	bc	*	51	46	om, op, b	0.0	0.35		
GERMANY, &c.	The Scaw (Skagen)	29.69	42	SE	2	m	29.45	-0.17	43	43	+4	S	5	m	1	45	37	*	*	0.32	
	Fanö...	29.60	44	SE	6	r	29.48	-0.18	44	44	+1	S	4	0	*	45	41	*	*	0.67	
	Cuxhaven†...	29.69	47	S	4	0	29.56	-0.18	48	42	+3	S	4	0	*	48	45	*	*	0.04	
	The Helder...	29.55	49	S	5	0	29.47	-0.23	46	45	0	SSW	6	bc	3	49	46	*	*	-	
	Brussels...	*	*	*	*	*	29.62	-0.12	46	44	-4	SSW	4	c	*	51	45	*	*	0.08	
	Berlin†...	29.89	38	SSW	3	b	29.80	-0.14	36	34	-3	S	2	b	*	43	36	*	*	-	
	Frankfurt†...	29.82	46	SE	1	0	29.78	-0.17	48	35	+3	SW	4	r	*	54	43	*	*	0.04	
	Munich†...	29.96	31	E	2	b	29.95	-0.16	29	100	-3	SE	2	bc	*	43	28	*	*	-	
FRANCE.	C. Gris Nez...	29.57	48	SSW	4	r	29.50	-0.15	48	48	+2	SW	6	0	6	52	46	*	*	0.12	
	La Hève...	29.58	48	S	4	r	29.58	-0.10	45	43	-3	SW	4	bc	4	52	41	*	*	0.24	
	Brest...	29.49	53	WSW	5	c	29.45	-0.10	53	51	+1	SW	5	b	4	54	48	*	*	-	
	Lorient...	29.49	53	SW	6	0	29.50	-0.09	51	50	0	SSW	6	bc	5	54	50	*	*	0.03	
	Rochefort...	29.70	54	SW	4	0	29.71	+0.01	51	50	+1	SSW	2	bc	*	57	50	*	*	0.32	
	Biarritz...	29.78	55	SW	5	r	29.80	+0.06	50	49	-1	SSW	3	0	7	?	48	*	*	-	
	Paris...	29.66	51	S	3	0	29.69	-0.09	47	46	-3	SSW	3	0	*	53	46	*	*	0.02	
	Belfort...	29.86	45	ENE	2	c	29.87	-0.05	42	41	+4	WSW	2	r	*	50	38	*	*	0.24	
	Lyons...	29.87	53	S	8	0	29.88	-0.08	46	43	-2	S	2	r	*	55	40	*	*	0.12	
	Nice...	30.09	48	SSW	5	0	29.99	-0.19	49	42	+8	E	5	0	5	54	48	*	*	-	
Perpignan...	29.86	55	E	1	0	29.75	-0.11	50	50	+2	Z	0	r	*	60	48	*	*	0.08		
SPANISH PENIN.	Corunna...																				
	Lisbon...	30.02	51	NNW	4	0	29.99	+0.13	53	50	+1	SSW	3	0	*	57	50	*	*	0.12	
	Azores (P. Delgada)...																				
" Horta...	30.47	59	WSW	3	b	30.41	-0.04	59	57	+3	W	4	0	2	63	56	*	*	-		

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 DECEMBER.

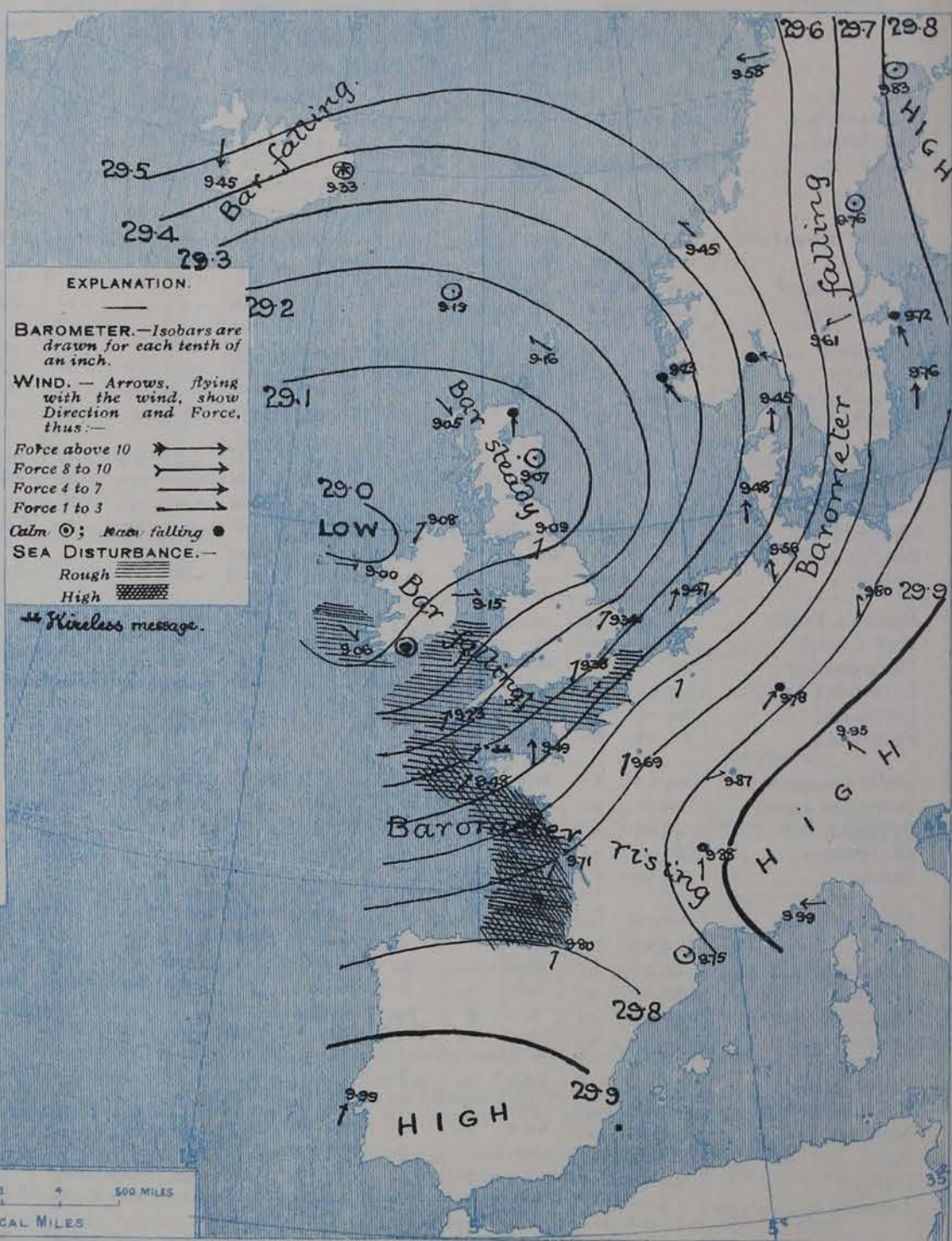
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Tuesday,

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

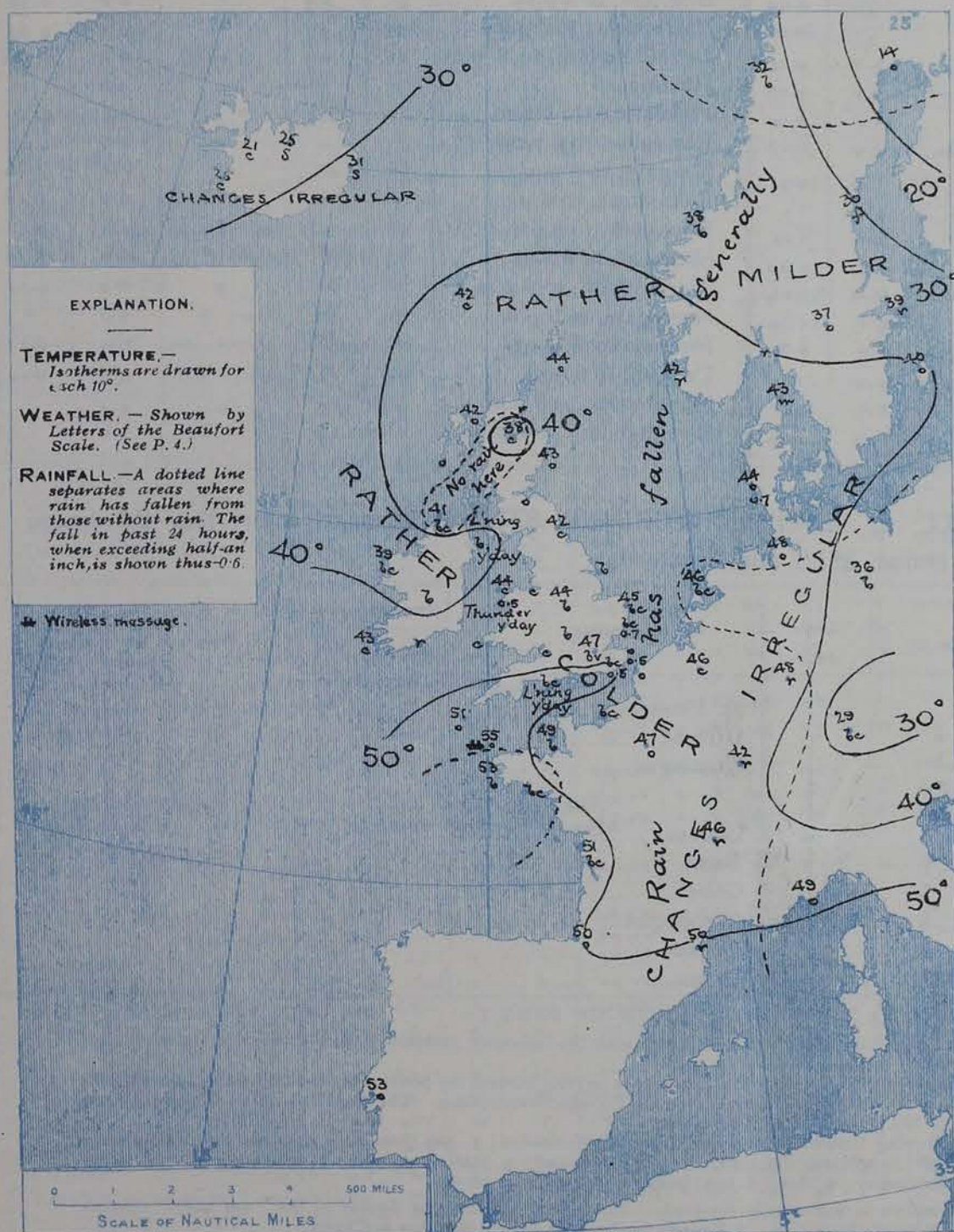
An area of low pressure now lies over nearly the whole of North Western Europe, and the barometer is falling in most places, the lowest readings being found off the north-west of Ireland. The highest readings are found respectively over the Spanish Peninsula, and over Bavaria and the southeast of France.

The wind is moderate to strong from the South Westward over England, the Netherlands, and the north and West of France, but draws into South over Denmark and the Baltic, and into South-East or East on the Norwegian coast; in Iceland it is Northerly or North-Easterly. Light Westerly breezes are reported in Ireland, and calms or variable breezes in Scotland. Temperature has fallen a little in the west and south of these Islands and in the neighbouring parts of the Continent. Over the United Kingdom the morning readings range from 50° or a little above it at the Channel stations to a trifle below 40° in central Scotland, and in many parts of Ireland. Frost prevails in northern Scandinavia and in Iceland. The weather is fine over the United Kingdom generally, but rain is falling at Wick and Rock Point, and passing showers at Spurn Head. Rain is also reported at several of the Continental stations, and snow is falling in Northern Iceland. The sea is rough or rather rough on our south and south-west coasts, and high in the Bay of Biscay.

CHARTS

15th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to 50° and upwards at most of our western and southern stations, and to 54° at Scilly; in several parts of north Britain it failed to reach 45°. At the majority of the English stations there was a complete absence of bright sunshine, and in other places the duration was, as a rule, very small. Rain has fallen generally; thunder occurred yesterday at Holyhead, and lightning was seen at Donaghadee and Neymouth.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The low pressure system over these Islands is likely to move very slowly in a northerly or north-easterly direction. Fresh disturbances will arrive shortly from the Atlantic, and the weather will therefore remain in a very changeable condition, with occasional rain in most districts. For the present the thermometer in the south will continue 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 } Slight variable breezes; cold, changeable, some rain, sleet or snow in places.
- 1 }
- 2 }
- 3 } S.W. winds, moderate or fresh; fair at first, some rain later. Normal temperatures.
- 4 }
- 5 } S.W. to S. winds, strong on coast; fair at first, some rain later. Temperature rather above the normal.
- 6 } Same as Nos. 0 and 1.
- 7 } S.W. winds, light or moderate; changeable, some rain; cool.
- 8 } Same as No. 5.
- 9 } S.W. to S. winds, light to fresh; cool; changeable, some rain.
- 10 }

11 WESTERN CHANNEL AND BAY
Fresh to strong S.W. and S. winds, with squally, showery weather and a rough sea.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

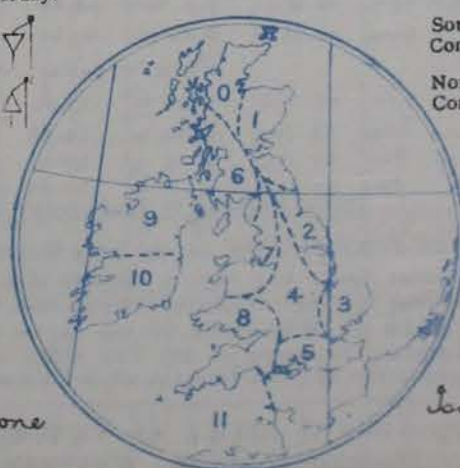
Signals hoisted this morning.

South Cone.

North Cone.

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.			
Dublin (City), to 4 p.m....	47	41	cp, b	*	0.09	Brighton, to 6 p.m. ...	50	49	*	0.0	0.70
Rossall Beach, to 6 p.m....	45	36	c, or	*	0.10	Eastbourne, to 6 p.m. ...	52	47	*	0.0	0.53
Blackpool, to 9 p.m. ...	45	36	c, op, o	2.5	0.12	Bexhill-on-Sea, to 9 p.m.	51	49	r, bc	0.0	0.45
Southport, to 9 p.m. ...	46	37	op, bc, or	1.6	0.03	Hastings	*	*	*	0.0	*
Rhyl, to 6 p.m.	49	39	*	3.3	0.04	Folkestone, to 6 p.m. ...	51	47	r, o, r	0.0	0.20
Colwyn Bay, to 6 p.m. ...	49	43	bc, p, bc	1.4	0.03	Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.45
Elandudno, to 9 p.m. ...	50	42	o, c, bc, r	1.4	0.01	Margate, to 6 p.m. ...	50	42	r	0.0	0.63
Bettws-y-Coed, to 6 p.m.	51	42	c, b, bc	2.8	*	Felixstowe, to 6 p.m. ...	48	41	-	0.0	0.55
Towyn, to 6 p.m.	51	43	bc, ph, c	2.0	0.15	Lowestoft, to 6 p.m. ...	48	43	or, th, or	0.0	0.33
Aberystwyth, to 6 p.m....	51	44	*	1.2	0.30	Skegness, to 6 p.m....	47	41	c, r	0.0	0.18
Plymouth, to 9 p.m. ...	53	47	bc, p, bc	0.4	0.06	Scarborough, to 9 p.m. ...	45	36	o	0.0	0.05
Torquay, to 6 p.m....	52	45	*	0.0	0.14	Harrogate, to 6 p.m. ...	43	32	bc, o	0.0	-
Weymouth, to 6 p.m. ...	53	48	op, cpl, c	0.0	0.34	Buxton, to 6 p.m. ...	43	35	b, c, or, om	0.0	0.06
Bournemouth to 6 p.m. ...	51	46	o, b	0.0	0.23	Darwen, to 9 p.m. ...	44	35	ow, b, p, o	0.0	0.02
Southsea, to 6 p.m....	51	45	*	0.0	0.31	Manchester, to 9 p.m. ...	47	41	b, bc, c, o	0.0	-
Worthing, to 6 p.m. ...	51	48	r, o, r	0.0	0.52	Birmingham, to 9 p.m....	46	37	o, b	0.0	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 14th Dec. 1908	TEMPERATURE F.		WEATHER	RAIN. Ins.	STATIONS. 14th Dec. 1908	TEMPERATURE F.		WEATHER	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira	not recd.	not recd.			St. Petersburg	36	28	o, o	-
Marseilles	52	39	b, o	-	Utrecht	48	37	o, r	0.16
Malta	59	54	b	-	Groningen	48	34	r, r	0.16
Algiers	70	55	bc, o	-					
Tunis	61	37	b, bc	-	Geneva	13th Dec. 1908.	1.80 p.m.	1.80 p.m.	Measured 7.30 a.m.
Palermo	58	39	b, b	-	observations not recd.				
Naples	53	43	b, b	-	Berne				
Brindisi	55	37	b, b	-	Coire				
Florence	48	29	b, b	-	Castasegna				
Rome	53	37	b, b	-	Lugano				
Vienna	39	21	b, f	-	Davos				

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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

WIRELESS TELEGRAMS FROM SHIPS OF H.M. NAVY.

Received during the 24 hours ended at 10.30 a.m. to-day.

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

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis-turb-ance.	15th + 16th Dec. 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
	Lat.	Long.		Direc.	Force.		Air.	Dry Bulb.	Wet Bulb.	Sea.				
14 Dec. 1908. 4 p.m.	46 35 N	7 11 W	29.65	WNW	4	b	56	53	51	5	Yarmouth	8.0	11.48	3.36
6 p.m.	47 56 N	6 56 W	29.65	WNW	5	b	54	51	54	5	Greenwich	8.1	11.49	3.36
15 Dec. 1908. 4 a.m.	48 35 N	5 30 W	29.56	WSW	3	bc	53	51	53	5	Wick	8.58	12.7	3.16
7 a.m.	48 56 N	4 46 W	29.48	WSW	3	o	55	53	53	5	Valencia	8.0	12.8	3.15
8 a.m.	48 18 N	6 9 W	29.40	SW	4	b	53	51	55	5		8.45	12.36	4.27
9 a.m.	48 28 N	6 1 W	29.40	SW	4	b	53	51	55	5		8.46	12.37	4.27

TERMS OF SUBSCRIPTION for the Daily Weather Report, forwarded by Book Post, £1 per annum, payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the enquiry and reply Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (Director.)

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

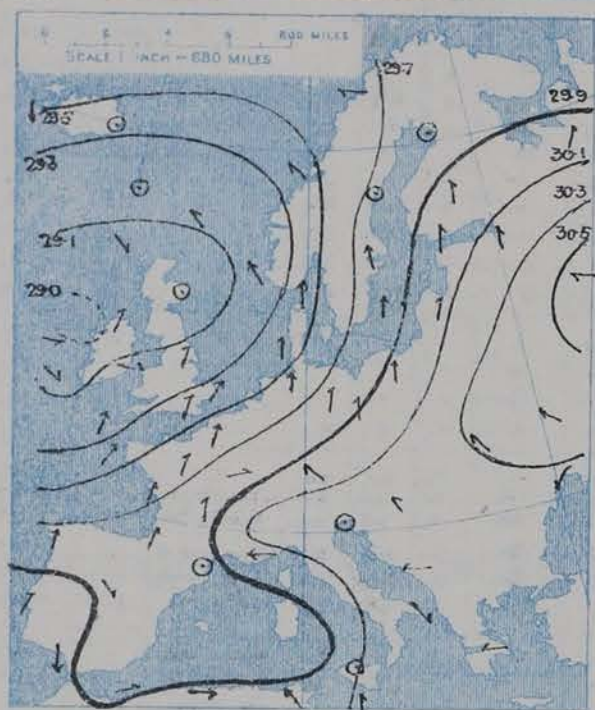
Wednesday

19th December, 1908

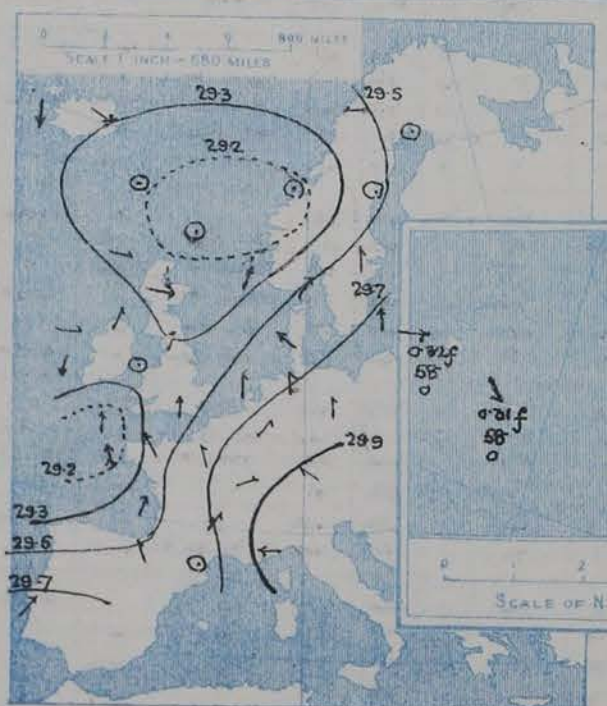
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.	Weather.	Force (0 to 12).	Barometer.	Temperature.			Wind.	Force (0 to 12).	Weather.	Sea (0 to 9).	Temp.		Weather.	Sun-shine.	Rainfall.	Hours.	Ins.
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.			At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.			Max.	Min.					
		Ins.	"	"			Ins.	Ins.	"	"	"	"			"	"					
SCANDINAVIA.	Haparanda...	29.69	32	Z	0	0	29.33	-0.50	23	23	+9	NNW	4	0	34	1	*	*	0.32	*	*
	Hernösand...	29.47	36	Z	0	r	29.41	-0.35	39	36	+9	S	2	0	39	27	*	*	0.32	*	*
	Stockholm...	29.68	39	S	2	0	29.72	0.00	38	38	-1	SSW	4	0	41	34	*	*	0.04	*	*
	Wisby...	29.76	39	S	4	r	29.81	+0.05	39	37	-1	SSW	4	0	41	36	*	*	0.24	*	*
	Karlstad...	29.53	42	SSW	4	r	29.64	+0.03	42	41	+5	SSW	4	0	45	39	*	*	0.28	*	*
	Færder (X'ania Fjord)	29.43	44	SSW	6	0	29.55	+0.10	43	43	+3	SSW	5	0	32	28	*	*	-	*	*
	Bodö...	29.43	30	E	4	0	29.23	-0.35	32	30	0	E	4	0	32	28	*	*	-	*	*
	Christiansund...	29.19	41	Z	0	0	29.44	-0.01	40	38	+2	WSW	4	0	41	37	*	*	-	*	*
ICELAND & FAEROE.	Skudesnaes...	29.27	45	SSW	6	0	29.49	+0.26	45	45	+3	SSW	4	0	45	39	0	*	0.20	*	*
	Reykjavik...	29.40	25	N	0	0	29.20	-0.25	21	*	-4	Z	0	0	*	*	*	*	*	*	*
	Blönduos...	29.49	24	NE	3	0	29.33	-0.24	22	*	+1	NE	2	0	*	*	*	*	*	*	*
	Seydisfjord...	29.29	30	WNW	5	0	29.27	-0.06	21	*	-10	SW	6	0	*	*	*	*	*	*	*
	Thorshavn...	29.21	37	Z	0	0	29.31	+0.12	31	*	-11	Z	0	0	*	*	*	*	*	*	*
	Sumburgh Head	29.18	43	Z	0	0	29.36	+0.20	44	42	0	Z	0	0	45	40	C	*	0.07	*	*
	Stornoway...	29.23	41	W	3	0	29.41	+0.36	38	38	-4	W	2	0	43	35	C, H, B, B	0.0	0.04	*	*
	Castlebay (Barra Id.)	29.31	45	NW	2	0	29.41	+0.35	48	45	+4	SSW	2	0	48	42	O, B, B, B	3.4	0.03	*	*
BRITISH ISLANDS.	Malin Head...	29.24	43	SSW	3	0	29.43	+0.35	38	38	-3	SSW	3	0	48	37	C, B, B, B	*	0.01	*	*
	Blacksod Pt. ...	29.37	45	W	2	0	29.43	+0.43	47	44	+3	SSW	3	0	47	38	B, B, B, B	*	0.02	*	*
	Valencia...	29.38	47	N	4	0	29.51	+0.45	37	36	-6	NE	1	0	48	35	B, B, B, B	3.1	0.01	*	*
	Roche's Point...	29.32	43	NE	3	0	29.53	+0.39	38	37	-5	NNW	2	0	47	37	C, B, B, B	*	0.03	*	*
	Birr Castle...	29.38	35	Z	0	0	29.51	+0.37	32	31	-6	Z	0	0	44	30	B, B, B, B	4.7	0.01	*	*
	Donaghadee...	29.34	35	NNE	3	0	29.53	+0.44	30	30	-9	WNW	1	0	43	28	B, B, B, B	*	0.16	*	*
	Liverpool Obsy...	29.35	42	E	2	0	29.53	+0.36	42	41	-1	E	1	0	45	40	C, B, B, B	*	0.05	*	*
	Holyhead...	29.50	43	Z	0	0	29.50	+0.35	43	43	-1	Z	0	0	48	40	C, B, B, B	*	0.08	*	*
BRITISH ISLANDS.	Pembroke (St. Ann's Hd.)	29.27	46	ENE	3	0	29.49	+0.28	49	49	0	E	2	0	52	43	C, B, B, B	0.0	0.83	*	*
	Scilly (St. Mary's)	29.13	50	S	2	0	29.42	+0.19	50	49	-1	ENE	1	0	53	48	C, B, B, B	4.6	0.01	*	*
	Jersey (St. Aubins)	29.40	51	SE	5	0	29.53	+0.06	49	47	0	ESE	4	0	54	46	C, B, B, B	0.2	0.06	*	*
	Portland Bill...	29.35	52	S	6	0	29.52	+0.16	50	48	-2	SE	4	0	53	49	C, B, B, B	2.2	-	*	*
	Dungeness...	29.48	51	S	5	0	29.59	+0.16	49	47	-1	SE	3	0	51	46	C, B, B, B	1.4	-	*	*
	Dover...	29.52	49	SSW	4	0	29.63	+0.17	45	44	-4	SE	1	0	50	43	C, B, B, B	1.4	-	*	*
	Wick...	29.21	40	Z	0	0	29.42	+0.35	37	35	-8	N	1	0	47	32	C, B, B, B	1.0	0.04	*	*
	Nairn...	29.25	38	W	1	0	29.44	+0.39	38	37	0	Z	0	0	42	34	C, B, B, B	0.2	-	*	*
BRITISH ISLANDS.	Aberdeen...	29.27	37	W	1	0	29.48	+0.41	33	33	-10	WSW	1	0	44	33	C, B, B, B	*	0.01	*	*
	Leith...	29.28	42	WSW	2	0	29.50	+0.46	35	35	-7	W	1	0	45	34	C, B, B, B	*	-	*	*
	North Shields...	29.34	43	SSW	2	0	29.55	+0.46	35	35	-7	SSW	2	0	46	32	C, B, B, B	*	0.20	*	*
	Spurn Head...	29.25	46	S	5	0	29.57	+0.39	43	43	0	S	3	0	46	43	C, B, B, B	*	-	*	*
	Yarmouth...	29.48	47	SSW	5	0	29.61	+0.27	45	45	0	SSW	2	0	50	43	C, B, B, B	3.4	-	*	*
	Clacton-on-Sea...	29.50	47	S	5	0	29.57	+0.15	45	45	0	SSW	2	0	49	44	C, B, B, B	3.1	0.02	*	*
	Nottingham...	29.36	49	SW	4	0	29.57	+0.34	44	43	0	SW	1	0	49	43	C, B, B, B	0.8	0.26	*	*
	Bath...	29.37	51	SW	2	0	29.58	+0.24	43	42	-3	E	1	0	52	41	C, B, B, B	0.6	-	*	*
GERMANY, & C.	Oxford...	29.46	48	SSW	3	0	29.62	+0.26	44	43	+1	SSW	2	0	50	42	C, B, B, B	*	0.01	*	*
	London (St. James's Pk)	29.45	50	S	4	0	29.59	+0.21	45	45	-2	S	1	0	51	44	C, B, B, B	1.0	-	*	*
	The Scaw (Skagen)	29.55	44	SW	5	0	29.62	+0.17	44	41	+1	SW	5	0	45	43	C, B, B, B	*	0.16	*	*
	Fanö...	29.64	44	SE	4	0	29.71	+0.23	42	41	-2	SSW	4	0	45	39	C, B, B, B	*	-	*	*
	Cuxhaven...	29.69	46	S	2	0	29.75	+0.19	38	38	-10	S	2	0	50	37	C, B, B, B	*	-	*	*
	The Helder...	29.61	42	S	3	0	29.69	+0.22	35	35	-11	S	2	0	48	36	C, B, B, B	*	-	*	*
	Brussels...	29.80	38	S	2	0	29.84	+0.04	33	33	-3	SE	1	0	50	41	C, B, B, B	*	-	*	*
	Berlin...	29.78	49	SW	2	0	29.78	0.00	37	37	-11	NE	1	0	50	36	C, B, B, B	*	0.08	*	*
FRANCE.	Frankfurt...	29.90	30	SE	2	0	29.85	-0.10	26	100	-3	E	3	0	37	25	C, B, B, B	*	-	*	*
	Munich...	29.50	46	SSW	4	0	29.62	+0.12	45	44	-3	SE	3	0	53	41	C, B, B, B	*	-	*	*
	La Hève...	29.54	45	S	4	0	29.58	0.00	46	44	+1	ESE	4	0	50	41	C, B, B, B	*	0.24	*	*
	Brest...	29.14	52	SSW	8	0	29.50	+0.02	50	50	+3	SE	4	0	54	48	C, B, B, B	*	0.43	*	*
	Lorient...	29.14	51	SSW	7	0	29.49	-0.01	47	47	-4	E	4	0	53	46	C, B, B, B	*	-	*	*
	Rocheport...	29.49	51	SSW	5	0	29.52	-0.19	46	46	-5	SE	5	0	57	43	C, B, B, B	*	-	*	*
	Biarritz...	29.50	52	SSW	3	0	29.52	-0.28	51	47	+1	SSW	5	0	57	48	C, B, B, B	*	-	*	*
	Paris...	29.62	47	SSW	1	0	29.64	-0.05	45	44	-2	SE	1	0	51	43	C, B, B, B	*	0.04	*	*
SPANISH PENIN.	Belfort...	29.78	43	WSW	2	0	29.70	-0.17	38	38	-4	ENE	5	0	45	36	C, B, B, B	*	0.43	*	*
	Lyons...	29.76	44	SW	1	0	29.70	-0.18	42	41	-4	S	1	0	46	40	C, B, B, B	*	0.28	*	*
	Nice...	29.91	46	E	5	0	29.74	-0.25	41	41	-8	E	6	0	52	41	C, B, B, B	*	0.59	*	*
	Perpignan...	29.58	51	Z	0	0	29.52	-0.23	46	45	-4	S	1	0	57	45	C, B, B, B	*	0.32	*	*
SPANISH PENIN.	Sanguinaire...	29.58	51	Z	0	0	29.52	-0.23	46	45	-4	S	1	0	57	45	C, B, B, B	*	-	*	*
	Corunna...	29.63	57	WNW	5	0	29.88	-0.11	55	51	+2	NNW	4	0	57	52	C, B, B, B	*	0.32	*	*
	Lisbon...	30.37	59	NNW	4	0	30.31	-0.06	58	56	-1	NW	3	0	63	57	C, B, B, B	*	-	*	*
	Azores (P. Delgada)	30.37	60	W	4	0	30.32	-0.09	58	57	-1	W	4	0	66	58	C, B, B, 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 MONTH OF DECEMBER.

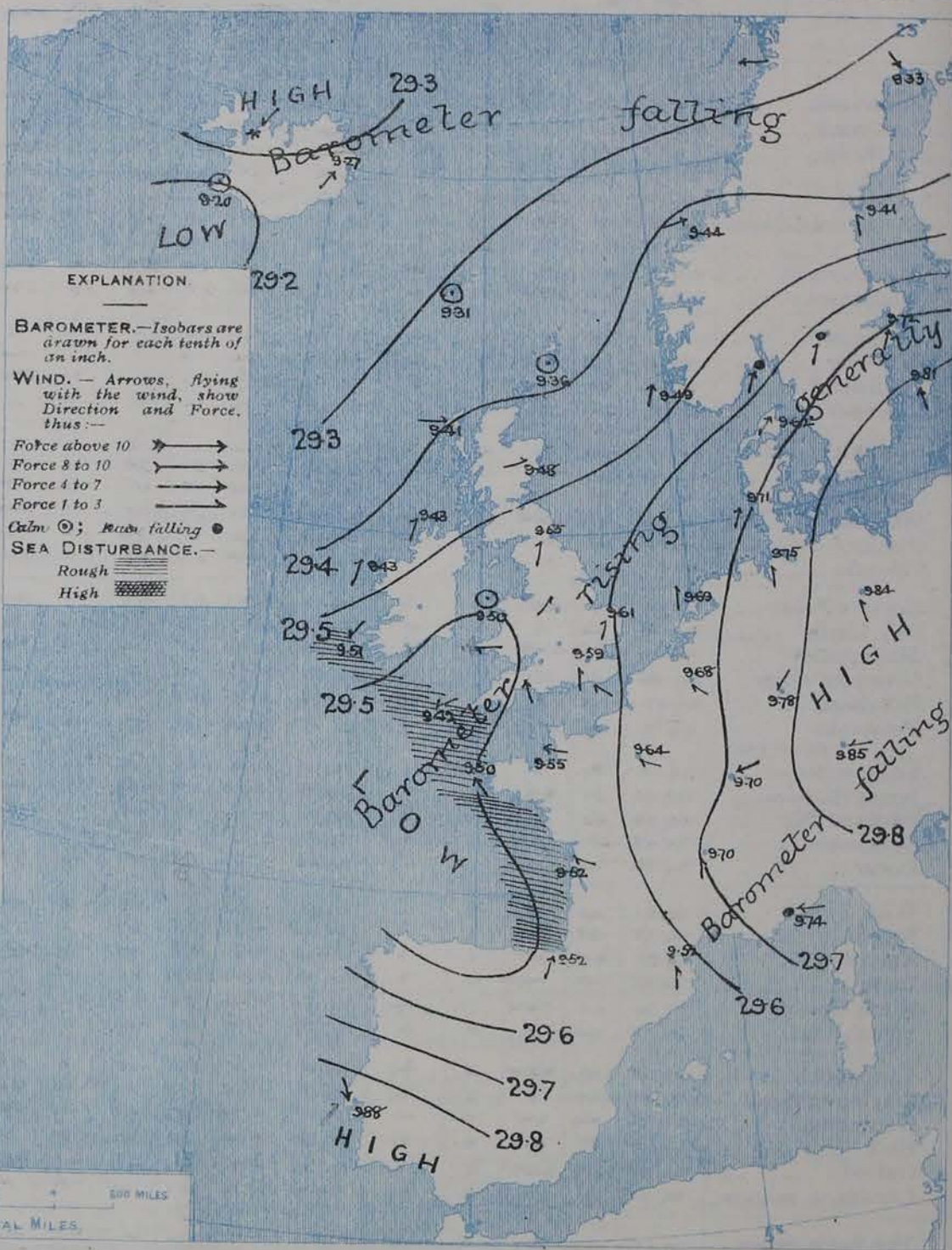
(Derived chiefly from Observations extending over the 35 years—1871-1905.)



Wednesday.

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

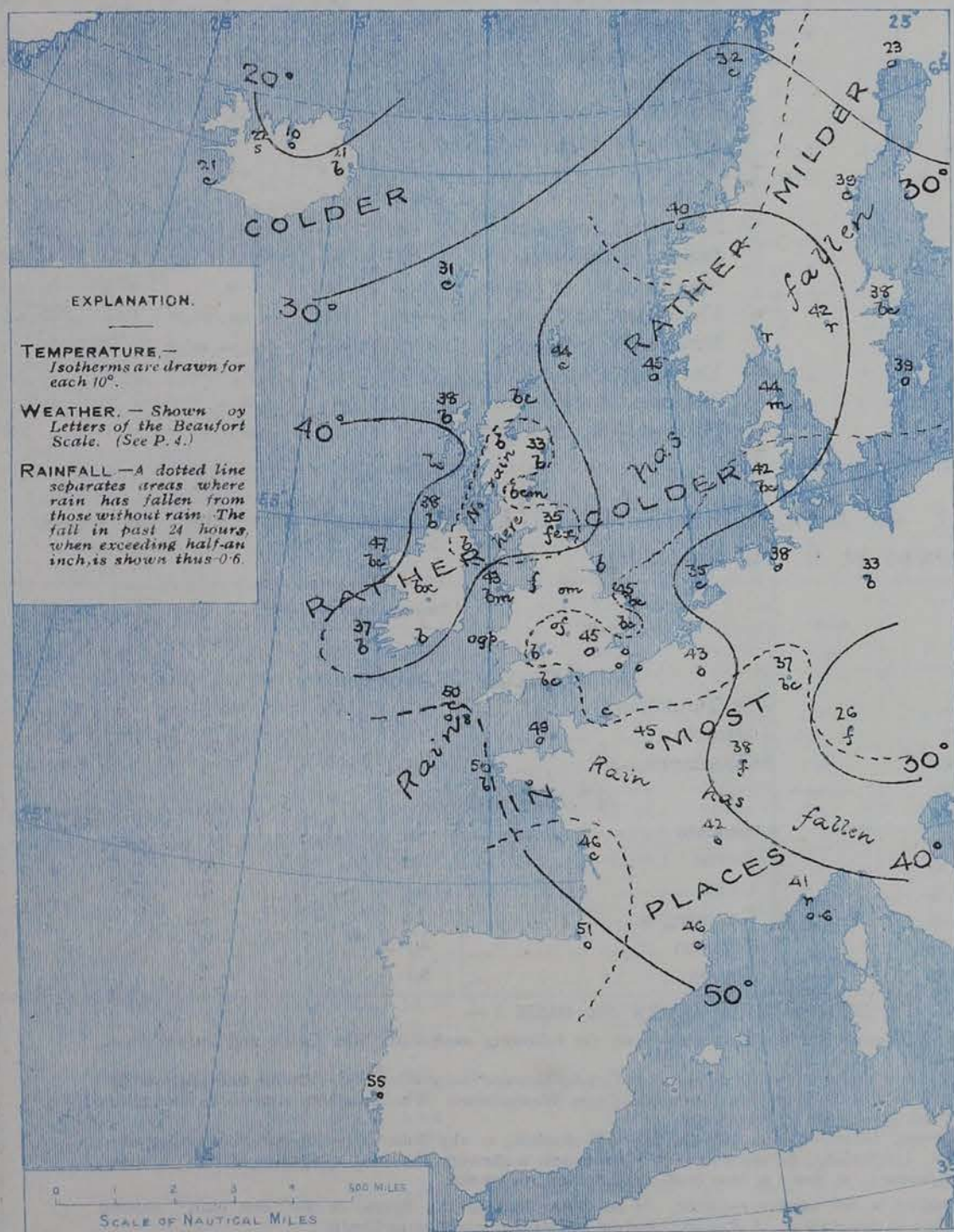
The depression which lay yesterday morning off the west of Ireland has moved southwards to the Bay of Biscay, and the barometer is at present rising in nearly all parts of western Europe. A new disturbance is approaching Iceland from the south-westward. The highest pressures are at present found over Germany and the Baltic.

In the rear of yesterday's depression the wind has shifted to the North Westward on our south-west coasts; over England, France and the Netherlands it is light to moderate from the Southward or South Eastward. Light Westerly or South-Westerly breezes are reported over the northern parts of the United Kingdom, and fresh Southerly or South Westery winds on the eastern side of the North Sea. Temperature has fallen in most places. In the south of England the morning readings, which range between 45° and 50°, are still high for the time of year, but at many of our western and northern stations the thermometer has fallen below the normal. The weather is fine over the greater part of the United Kingdom, but is dull over central and south-eastern England, with fog or mist in places. At the Continental stations the sky is cloudy, with rain in the south of Scandinavia, and also at Nice. The sea is moderate or slight generally, but rather rough on our extreme south-west coasts, and in the Bay of Biscay.

CHARTS

16th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to 50° and upwards at most of our southern stations; in many parts of North Britain it did not reach 45°. Frost prevailed at night in Ireland and Scotland. The amount of bright sunshine recorded yesterday was in many places fairly large; at Birr Castle and Jersey it exceeded 4½ hours. Heavy rain has fallen at Kilby and slight quantities in many other parts of the United Kingdom.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

A ridge of relatively high pressure is being formed over the United Kingdom, and fair quiet weather is probable in most districts with an increasing tendency for the development of fog and mist. In our extreme north and north-west coasts the conditions are likely to be affected to some extent by a new depression which is appearing over the Icelandic region.

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.

Islands. S.W. winds, light; fair to-day, some rain to-morrow, rather milder.

Mainland. Light breezes, chiefly S.W.; fair, cold, fog or mist in places.

- 1 } do. do. do.
- 2 }
- 3 } S.W. to light variable breezes; fine in places, but chiefly foggy or misty. Colder, frost at night.
- 4 }
- 5 }
- 6 Same as No. 0 — Islands.
- 7 Same as Nos. 1 and 2.
- 8 } E. to variable breezes; fair generally, but fog or mist in places. Colder, frost inland at night.
- 9 Same as No. 0 — Islands.
- 10 } Variable breezes, finally S.W.; fair generally, cold to-day, milder to-morrow.

WESTERN CHANNEL AND BAY

Light E. to variable breezes; with fair weather, but fog in places; sea rather rough at first, moderate later.

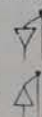
FORECAST DISTRICTS.

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

Signals hoisted yesterday.

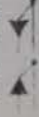
Signals hoisted this morning.

South
Cone.

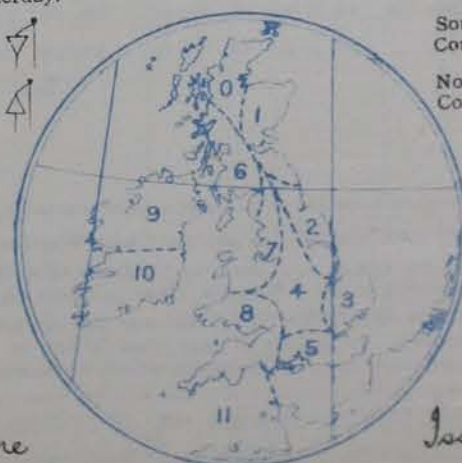


North
Cone.

South
Cone.



North
Cone.



None

Issued.

DAILY WEATHER REPORT.

16th December, 1908.

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.			
Dublin (City), to 4 p.m....	47	39	p, c, b3	*	0.11	Brighton, to 6 p.m. ...	51	47	*	3.0	0.24
Rossall Beach, to 6 p.m....	45	41	c, or, c	*	0.10	Eastbourne, to 6 p.m. ...	52	43	*	3.4	0.14
Blackpool, to 9 p.m. ...	47	41	r, c, o	0.2	0.14	Bexhill-on-Sea, to 9 p.m.	51	46	h, b, v	4.1	0.06
Southport, to 9 p.m. ...	46	40	o, r, c	0.1	0.26	Hastings ...	*	*	*	3.7	*
Rhyl, to 6 p.m. ...	46	39	*	0.5	0.03	Folkestone, to 6 p.m. ...	51	44	r, c, b, c	3.2	0.27
Colwyn Bay, to 6 p.m. ...	46	43	b, p, b, c	0.2	0.19	Ramsgate, to 6 p.m. ...	*	*	*	4.1	0.27
Élandudno, to 9 p.m. ...	46	43	o, c, or	0.0	0.19	Margate, to 6 p.m. ...	51	45	o, b	2.9	0.13
Bettws-y-Coed, to 6 p.m.	46	39	c	0.0	*	Felixstowe, to 6 p.m. ...	49	45	-	3.3	0.20
Towyn, to 6 p.m. ...	47	43	r, o, r	0.0	0.70	Lowestoft, to 6 p.m. ...	50	45	o, r, c, b	3.4	0.18
Aberystwyth, to 6 p.m. ...	52	43	*	0.0	0.60	Skegness, to 6 p.m. ...	47	42	b, c, r	2.1	0.05
Plymouth, to 9 p.m. ...	52	46	opg	0.0	0.09	Scarborough, to 9 p.m. ...	46	41	o	3.2	0.01
Torquay, to 6 p.m. ...	53	45	*	0.0	0.16	Harrogate, to 6 p.m. ...	44	33	m, or, b, c, r	1.1	0.13
Weymouth, to 6 p.m. ...	54	47	op, c, b, c	0.2	0.17	Buxton, to 6 p.m. ...	44	38	om, b, c, or, c	0.8	0.17
Bournemouth to 6 p.m. ...	53	45	c, b, b, c	0.7	0.25	Darwen, to 9 p.m. ...	44	37	o, r, b, c, v	0.5	0.36
Southsea, to 6 p.m. ...	53	46	*	2.6	0.30	Manchester, to 9 p.m. ...	46	41	o, p, o, r	0.7	0.37
Worthing, to 6 p.m. ...	52	47	r, o, c	4.4	0.14	Birmingham, to 9 p.m. ...	48	41	o, r, o	3.1	0.33

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 15 th Dec. 1908	TEMPERATURE F.		WEATHER	RAIN. Ins.	STATIONS. 15 th Dec. 1908	TEMPERATURE F.		WEATHER	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira ...	68	50	b, b	-	St. Petersburg ...	36	34	b, c, o	-
Marseilles ...	57	50	o, r	0.32	Utrecht ...	52	46	o, b, c	0.12
Malta ...	59	49	1, o	-	Groningen ...	50	46	r, c	0.12
Algiers ...	70	57	o, r	0.04					
Tunis ...	64	39	b, o	-					
Palermo ...	62	41	b, r	-					
Naples ...	53	45	b, o	-					
Brindisi ...	55	37	b, b	-					
Florence ...	45	34	b, o	-					
Rome ...	51	35	b, o	-					
Vienna ...	34	28	b, c, f	-					

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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

WIRELESS TELEGRAMS FROM SHIPS OF H.M. NAVY.

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

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.
	Lat.	Long.		Dir.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
4 p.m. 15 th Dec. '08	49.41 N	4. 52 W	29.24	SE	6	o	53	51	53	5
6 p.m. - - -	50.2 N	4. 27 W	29.27	SE	6	o	53	51	53	5
			No change.							

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

16 th + 17 th Dec. 1908.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.1	11.49	3.36
Greenwich	8.2	11.49	3.36
Wick	8.2	11.56	3.49
Valencia	8.3	11.56	3.49
		9.0	12.8	3.15
		9.1	12.8	3.15
		8.46	12.37	4.27
		8.47	12.37	4.27

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FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the enquiry and reply Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (Director.)

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

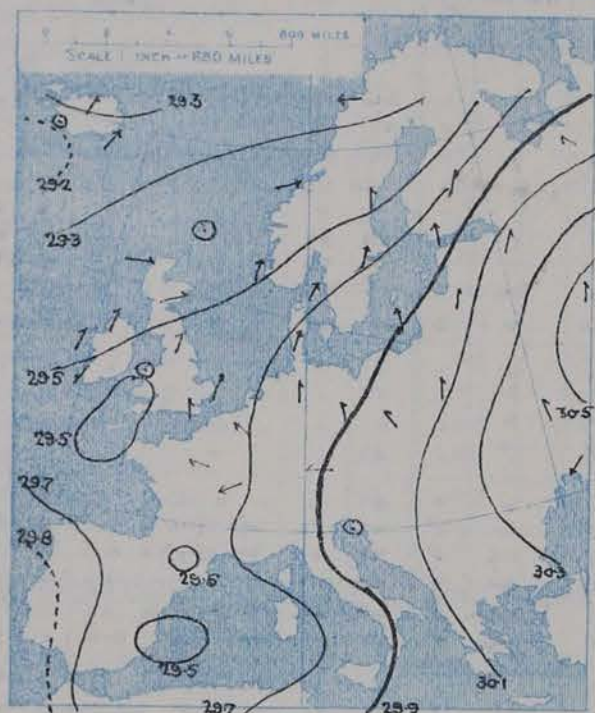
Thursday
17th December, 1908

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.	Force	Weather.	Barometer.		Temperature.			Wind.		Force	Weather.	Sea	Temp.		Weather.	Sun-shine.	Rainfall.
							At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Max.				Min.				
		Ins.					Ins.	Ins.	°	°	°									Hours.	Ins.
SCANDINAVIA.	Haparanda...	29.47	27	SW	2	b	29.80	+0.47	10	10	-13	E	2	b	*	34	10	*	*	*	0.04
	Hernösand...	29.67	30	Z	0	b	29.87	+0.46	18	17	-21	Z	0	b	*	39	18.	*	*	*	-
	Stockholm...	29.84	39	SW	2	o	29.93	+0.21	39	38	+1	SW	2	f	*	39	37	*	*	*	-
	Wisby...	29.88	39	SSW	4	o	29.92	+0.11	39	38	0	SW	1	o	*	42	36	*	*	*	0.16
	Karlstad...	29.81	41	WSW	2	o	29.88	+0.24	41	40	-1	Z	0	f	*	*	*	*	*	*	0.16
	Færder (X'ania Fjord)	29.73	41	SW	2	b	29.80	+0.25	40	40	-3	SSW	2	f	2	43	39	*	*	*	0.08
	Bodö...	29.51	32	E	4	o	29.59	+0.36	37	37	+5	ESE	4	r	2	39	28	*	*	*	-
ICELAND & FAEROE.	Christiansund...	29.55	41	Z	0	bc	29.57	+0.13	40	35	0	ESE	2	bc	2	45	39	*	*	*	0.04
	Skudesnaes...	29.64	44	S	4	m	29.57	+0.08	46	45	+1	SE	4	r	3	46	38	m	*	*	-
	Reykjavik...	29.07	20	Z	0	c	29.12	-0.08	21	*	0	Z	0	b	*	*	*	*	*	*	*
	Blönduós...	29.31	12	S	2	bc	29.28	-0.05	24	*	+2	E	7	s	*	*	*	*	*	*	*
	Seydisfjord...	29.26	24	W	6	c	29.18	-0.09	?	*	?	Z	0	s	*	*	*	*	*	*	*
	Thorshavn...	29.21	39	Z	0	c	28.99	-0.32	45	*	+14	SE	3	r	*	*	*	*	*	*	*
	Sumburgh Head	29.41	44	S	2	c	29.19	-0.17	47	46	+3	S	6	o	6	47	41	b, c	*	*	0.05
BRITISH ISLANDS.	Stornoway...	29.20	46	S	6	og	29.00	-0.41	43	43	+5	SSW	5	r	5	47	37	og, c, p, v	0.0	0.18	
	Castlebay (Barra Id.)	29.20	46	S	5	og, r	28.99	-0.42	49	46	+1	SW	4	cp	5	49	44	bc, og, p, v	0.0	0.22	
	Malin Head...	29.19	42	SW	5	og	29.02	-0.41	43	42	+5	S	5	bc	3	45	37	bc, p	*	0.02	
	Blacksod Pt. ...	29.18	48	SSW	5	og, m	29.03	-0.40	47	44	0	SSW	6	og, p, v	5	48	42	og, p, v, bc, p	*	0.34	
	Valencia...	29.27	49	S	2	c	29.22	-0.29	48	44	+11	SW	5	og, p	5	50	36	og, bc, p	0.0	0.37	
	Roche's Point...	29.34	49	SSW	6	d	29.26	-0.27	44	43	+6	WSW	3	b	3	51	36	bc, m, og, p, v	*	0.07	
	Birr Castle...	29.29	44	S	3	o	29.19	-0.32	41	40	+9	S	2	c	*	47	31	c, p, c	0.7	0.04	
	Donaghadee...	29.33	42	ENE	1	f	29.24	-0.29	44	43	+14	SW	3	bc	2	47	28	og, m, og, bc	*	0.09	
	Liverpool Obsy...	29.49	45	SE	3	o	29.28	-0.25	46	45	+4	SE	3	o	2	47	40	f, og, s	0.1	0.04	
	Holyhead...	29.41	49	SSW	3	og, m, p	29.22	-0.23	48	47	+5	SW	2	bc	1	49	43	c, d, p, m	*	0.32	
	Pembroke (St. Ann's Hd.)	29.45	50	SSW	4	c	29.28	-0.20	50	47	+1	SW	5	cp	5	52	48	og, c	0.1	0.02	
	Scilly (St. Mary's)...	29.51	51	WSW	4	o	29.38	-0.04	50	50	0	W	4	o	4	53	49	o	0.5	0.13	
	Jersey (St. Aubins)...	29.63	47	SE	4	o	29.52	-0.03	50	49	+1	SW	5	o	4	50	44	c, o, p	0.0	0.08	
	Portland Bill...	29.57	51	SE	3	o	29.38	-0.14	52	51	+2	WSW	5	c	5	53	49	c, o, p	2.7	0.13	
	Dungeness...	29.62	51	S	3	o	29.50	-0.09	50	49	+1	SSW	5	bc	5	51	46	bc	1.0	-	
	Dover...	29.65	50	SSW	2	c	29.54	-0.09	49	48	+4	SSW	4	o	5	51	43	o, c, o	0.0	-	
	Wick...	29.36	42	S	3	bc	29.10	-0.32	47	45	+10	SW	4	o	4	47	35	-	*	*	0.03
	Nairn...	29.34	41	W	1	o	29.08	-0.36	47	44	+9	WSW	2	c	1	49	32	bc, bc, c, o, bc	1.4	-	
	Aberdeen...	29.43	41	S	1	o	29.19	-0.29	47	46	+14	SSW	3	o	3	47	32	og, m, c, om	1.6	-	
	Leith...	29.42	40	W	2	c	29.17	-0.33	48	46	+13	SSW	2	r	*	49	32	om, bc, d	*	0.04	
	North Shields...	29.50	43	SSW	2	f	29.29	-0.26	47	46	+12	S	3	og	2	47	32	f	*	-	
	Spurn Head...	29.56	42	SSW	4	f	29.38	-0.19	46	46	+3	S	4	og	3	46	41	om, og, o, bc	*	0.01	
Yarmouth...	29.63	45	SE	2	cm	29.49	-0.12	46	46	+1	SSW	4	cm	4	47	43	c, m	0.0	-		
Clacton-on-Sea...	29.64	46	SE	2	o	29.49	-0.08	47	47	+2	SSW	5	o	5	52	45	bc, c, o	2.3	-		
Nottingham...	29.57	46	SSW	2	o	29.37	-0.20	48	47	+4	SSW	4	o	*	48	43	cm, o	0.0	0.07		
Bath...	29.58	49	S	1	r	29.38	-0.20	48	47	+5	S	1	r	*	52	42	-	2.2	0.15		
Oxford...	29.59	47	SSW	2	o	29.40	-0.22	47	46	+3	S	4	o	*	49	43	og, o, od	*	0.10		
London (St. James's Pk)	29.62	50	SSW	3	c	29.46	-0.13	50	47	+5	S	2	og	*	51	44	og, m, c	0.0	-		
GERMANY, & C.	The Scaw (Skagen)	29.76	44	SW	2	o	29.79	+0.17	44	41	0	S	3	f	1	45	39	*	*	*	-
	Fanö...	29.77	37	SE	2	b	29.73	+0.02	39	38	-3	SE	3	c	*	43	36	*	*	*	-
	Cuxhaven†...	29.78	42	S	1	o	29.76	+0.01	40	37	+2	S	2	o	*	45	38	*	*	*	-
	The Helder...	29.73	39	SSW	1	b	29.63	-0.06	40	39	+5	S	3	b	2	45	35	*	*	*	0.04
	Brussels...	*	*	*	*	*	29.69	+0.01	40	39	-3	SE	3	b	*	52	40	*	*	*	-
	Berlin†...	29.85	33	Z	0	b	29.88	+0.04	31	35	-2	SSW	1	b	*	39	30	*	*	*	-
	Frankfurt†...	29.87	36	NE	1	bc	29.83	+0.00	31	36	-6	E	2	o	*	48	41	*	*	*	-
Munich†...	29.91	29	NE	2	b	29.95	+0.10	26	100	0	NE	2	f	*	34	25	*	*	*	-	
FRANCE.	C. Gris Nez...	29.65	46	S	3	b	29.52	-0.10	47	46	+2	S	5	o	4	52	45	*	*	*	0.16
	La Hève...	29.70	48	SSW	2	c	29.58	-0.00	46	45	0	SW	4	r	4	54	43	*	*	*	-
	Brest...	29.63	51	W	4	o	29.54	+0.04	51	50	+1	W	5	bc	4	54	48	*	*	*	0.16
	Lorient...	29.61	52	WSW	3	o	29.57	+0.08	53	53	+6	W	5	c	5	55	47	*	*	*	0.12
	Rocheport...	29.73	50	Z	0	b	29.70	+0.18	52	52	+6	SSW	4	o	2	55	46	*	*	*	-
	Biarritz...																				-
	Paris...	29.73	47	SSW	2	b	29.72	+0.08	43	41	-2	S	2	o	*	58	38	*	*	*	-
Belfort...																				-	
Lyons...	29.82	47	NW	1	c	29.87	+0.17	42	42	0	WNW	4	o	4	50	40	*	*	*	0.28	
Nice...	29.81	47	E	5	r	29.84	+0.10	48	43	+7	Z	0	o	*	48	41	*	*	*	0.16	
Perpignan...	29.78	49	Z	0	r	29.87	+0.35	45	45	-1	Z	0	o	*	56	44	*	*	*	-	
Sanguinaire...																				-	
SPANISH PENIN.	Corunna...																			*	-
	Lisbon...																			*	-
	Azores (P. Delgada)...																			*	-
" Horta...	30.28	61	WSW	3	o	30.27	-0.05	61	57	+3	WSW	3	o	2	63	58	*	*	*	-	

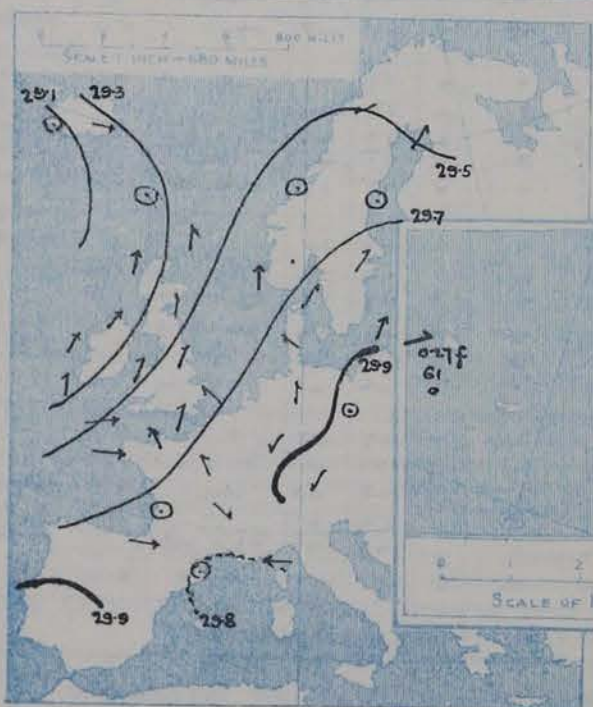
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

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

7 A.M. YESTERDAY.

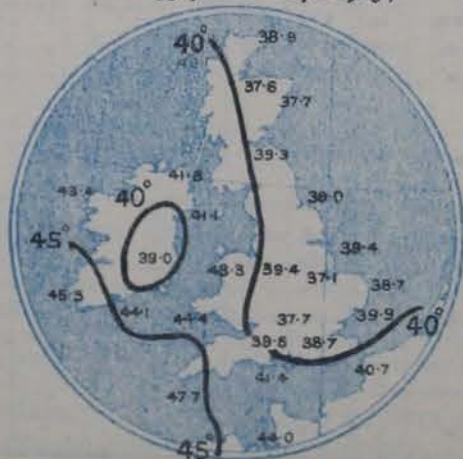


6 P.M. YESTERDAY



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

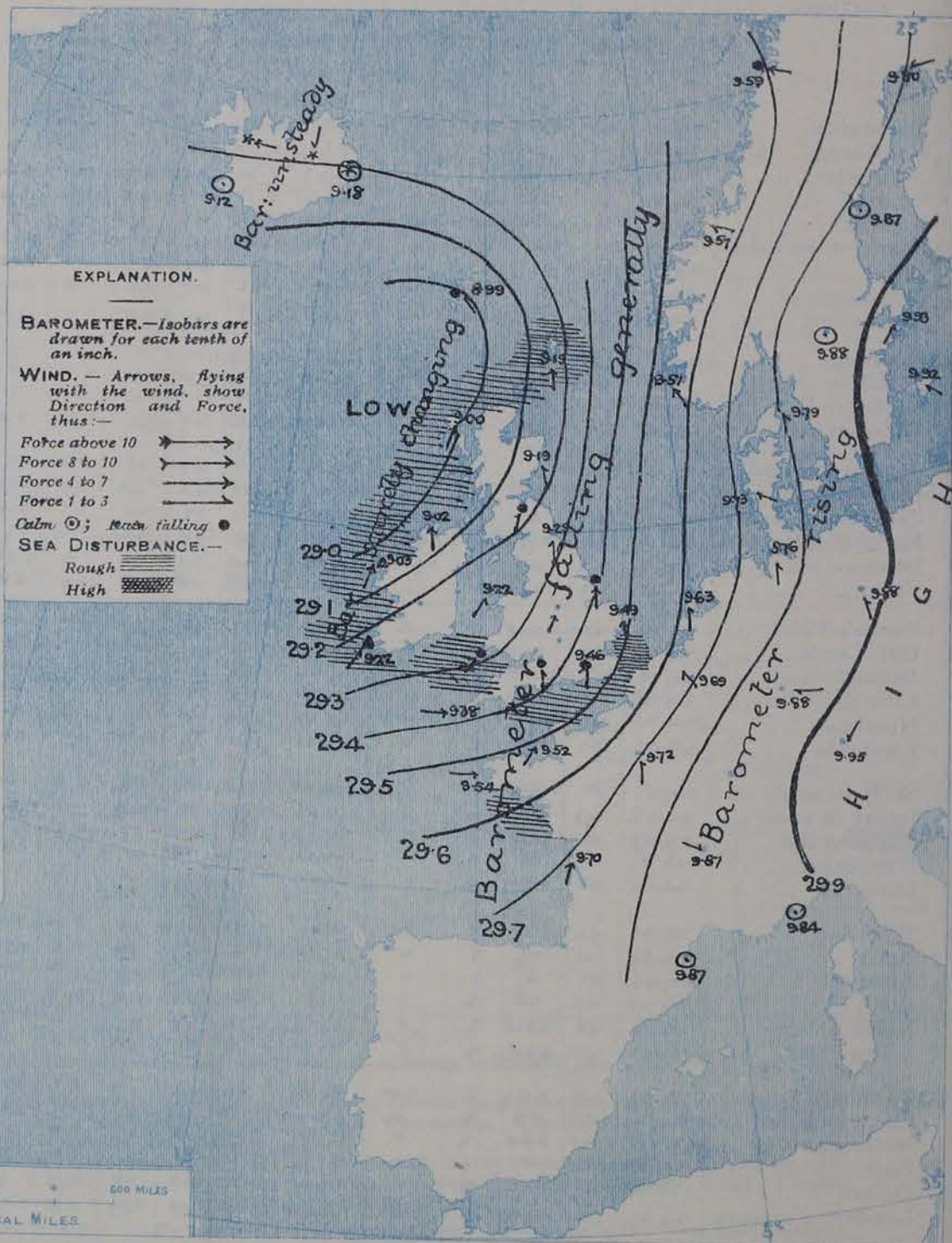
(Derived chiefly from Observations extending over the 35 years—1871-1905.)



Thursday.

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

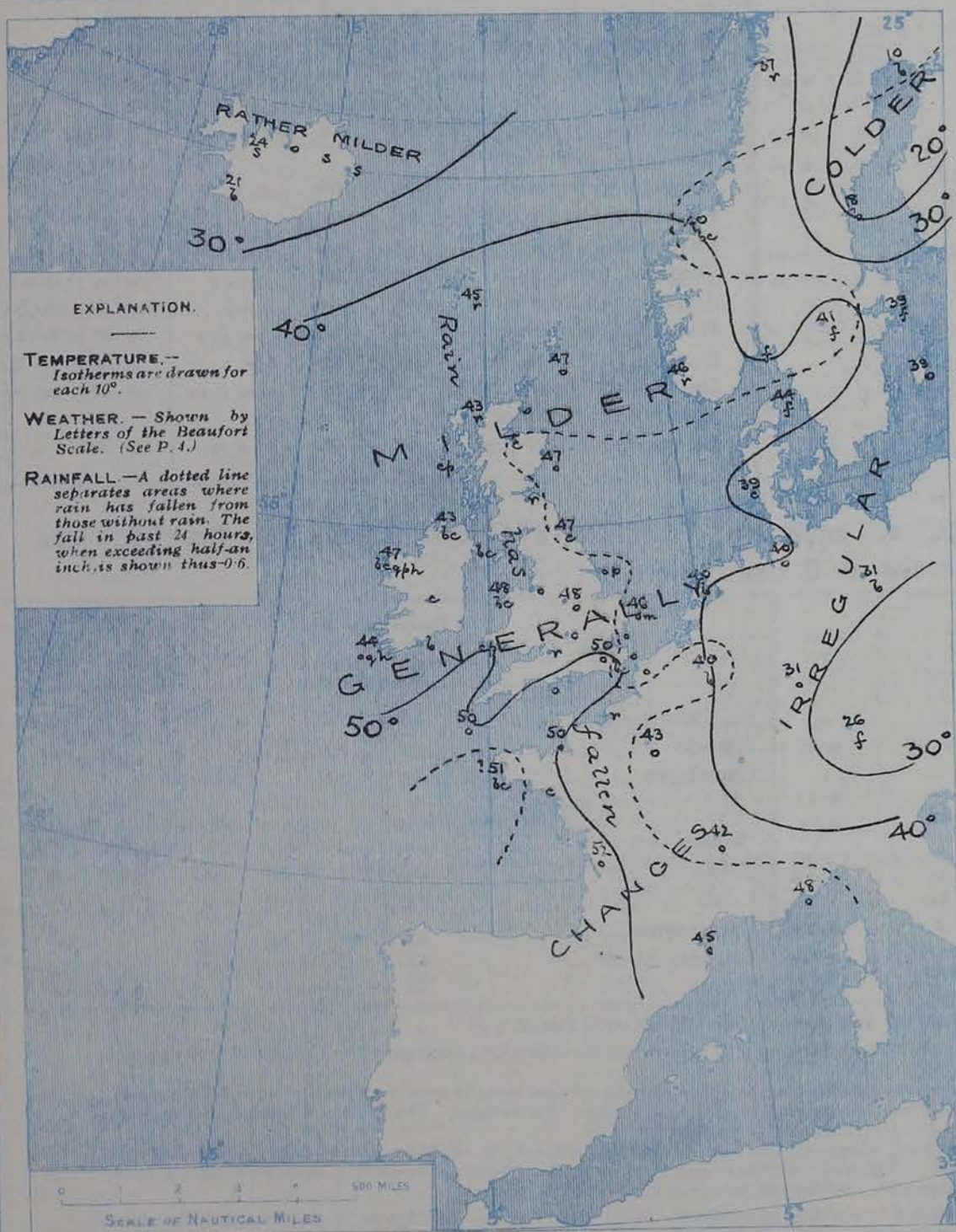
A large depression has again extended from the Atlantic over nearly the whole of Western Europe, and the barometer is falling in most places, the lowest readings being found in the Hebrides and the Faeroe Islands. The highest pressures, are reported over the Baltic and the eastern and southern parts of Germany.

The wind is moderate to fresh from the south-westward on our western and southern coasts, but draws into south in the northern and eastern parts of Great Britain, and into south-east on the eastern side of the North Sea. Over northern Iceland the direction varies between north and east. The influx of the southerly and south-westerly current of air has occasioned a decided rise of temperature in these Islands. The thermometer is now above 45° in nearly all parts of the country, and as high as 50° or slightly above it in the south of England. Slight frost prevails in Germany, and sharp frost over the Gulf of Bothnia and in Iceland. The weather, although temporarily fine at some of our western stations, is in a cloudy, changeable state over the United Kingdom generally; rain is falling in many parts of Great Britain, and hail showers along the west coasts of Ireland. Fog prevails in Denmark and the south of Scandinavia. The sea is rather rough on our western and southern coasts and in the Bay of Biscay.

CHARTS

17th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to 50° and upwards at most of our western and southern stations, and to 56° at Heymouth; on some parts of our north and north-east coasts it did not reach 45°. At the majority of our stations little or no bright sunshine was registered, but at a few scattered places on our south and east coasts the duration amounted to about three hours. Rain has fallen very generally in the west, and locally in other parts of the Kingdom.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The mild southerly type of weather now prevailing is likely to continue for the present. The depression now lying off our extreme north west coasts will be followed shortly by other disturbances from the westward or south-westward, and causing fresh southerly or south-westerly winds and occasional rain in all parts of the United Kingdom.

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^{ly} winds, strong in places; mild; changeable, some rain.

1 { S^{ly} winds, moderate or fresh; mild; changeable, some showers, fair intervals.

2 { S^{ly} winds, moderate or fresh; mild; changeable, some showers, fair intervals.

3 { S^{ly} winds, moderate or fresh, strong locally on coast; mild; changeable, some showers, fair intervals.

4 { S^{ly} to S^{ly} winds, strong in places; mild; changeable, some rain, fair intervals.

WESTERN CHANNEL AND BAY

Strong or strong S^{ly} and S^{ly} winds with squally, showery weather and a rough sea.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

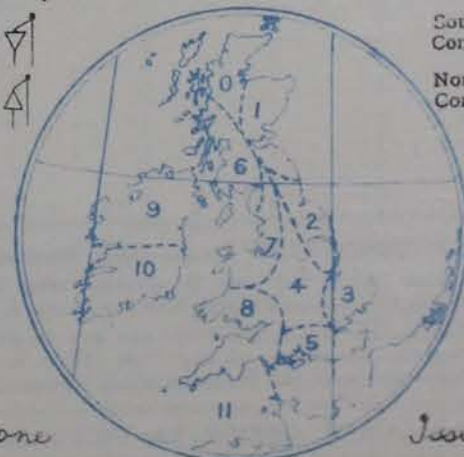
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



None

Issued.

17th December, 1908.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	45	28	b.f., c, 3.0	*	—	Brighton, to 6 p.m. ...	50	46	*	0.3	—
Rossall Beach, to 6 p.m....	46	36	c, or, c	*	0.03	Eastbourne, to 6 p.m. ...	51	47	*	0.0	—
Blackpool, to 9 p.m. ...	47	37	o	0.0	0.03	Bexhill-on-Sea, to 9 p.m. ...	51	48	c, b, v	0.3	—
Southport, to 9 p.m. ...	47	39	q, f, r	0.0	0.10	Hastings	*	*	*	0.7	*
Rhyl, to 6 p.m.	50	41	*	0.1	0.03	Folkestone, to 6 p.m. ...	50	43	b, c, o, b, c, c	0.9	—
Colwyn Bay, to 6 p.m. ...	50	40	b, b, b, c	0.2	0.15	Ramsgate, to 6 p.m. ...	*	*	*	1.0	—
Elanudno, to 9 p.m. ...	50	40	or, c, 70	0.4	0.08	Margate, to 6 p.m.	50	44	o, b, o	0.7	—
Bettws-y-Coed, to 6 p.m.	49	40	c	0.0	*	Felixstowe, to 6 p.m. ...	51	45	—	3.0	—
Towyn, to 6 p.m.	51	43	r, o, od	0.0	0.48	Lowestoft, to 6 p.m. ...	48	43	b, c, o, c	0.8	—
Aberystwyth, to 6 p.m....	52	46	*	0.0	0.34	Skegness, to 6 p.m.... ..	43	38	m, o	0.0	0.01
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	46	41	of	0.0	0.35
Torquay, to 6 p.m.... ..	52	49	*	1.8	0.01	Harrogate, to 6 p.m. ...	44	37	or, f, o	0.0	0.21
Weymouth, to 6 p.m. ...	56	48	b, b, c, b	2.7	—	Buxton, to 6 p.m.	47	43	or, c, o	0.0	0.51
Bournemouth to 6 p.m. ...	54	46	c, b, b, c, o	2.9	—	Darwen, to 9 p.m.	45	38	o, m, r, m	0.0	0.17
Southsea, to 6 p.m.... ..	51	45	*	0.6	0.02	Manchester, to 9 p.m. ...					
Worthing, to 6 p.m. ...	51	46	w, c, o	0.0	—	Birmingham, to 9 p.m....	47	42	o, c	0.0	—

STATIONS. 16 th Decr. 1908.	TEMPERATURE F.		WEATHER	RAIN. — Ins.	STATIONS. 16 th Decr. 1908.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.
	Max.	Min.				Max.	Min.		
Madeira	66	52	b c , r	-	St. Petersburg	36	32	o , s	0 . 16
Marseilles	54	50	o , r	0 . 12	Utrecht	50	37	b , c	-
Malta	63	54	? , c	-	Groningen	48	36	b , c	-
Algiers	59	52	r , r	0 . 12					
Tunis	68	43	c , r	0 . 12					
Palermo	60	51	o , b	-	Geneva	41	*	r	Measured 7.30 a.m. 0 - 12
Naples	51	47	o , o	0 . 04	Berne	41	*	m	-
Brindisi	55	37	b c , b c	-	Coire	52	*	c	-
Florence	46	41	o , b	0 . 35	Castasegna... ..	37	*	o	-
Rome	51	44	r , r	0 . 20	Lugano	43	*	o	-
Vienna	32	30	o , o	-	Davos... ..	39	*	c	-

(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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.

(c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.

(d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

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

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.	
	Lat.	Long.		Direc.	Force.		Air.	Dry Bulb.	Wet Bulb.		Sea.
	°	°	Ins.				°	°	°		

17 ^h + 18 ^h Dec ^r 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.2	11.49	3.36
Greenwich	8.3	11.50	3.37
Wick	8.3	11.56	3.49
Valencia	8.4	11.57	3.50
	9.1	12.8	3.15
	9.2	12.9	3.16
	8.47	12.37	4.27
	8.48	12.38	4.28

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Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

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

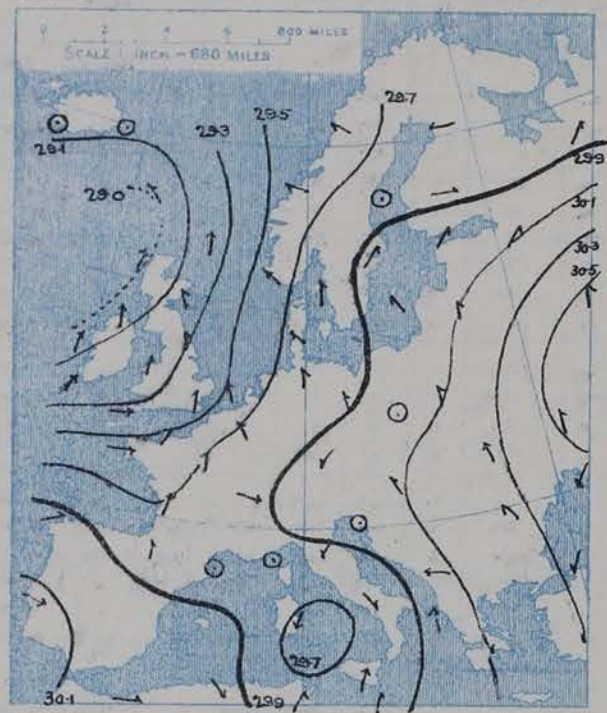
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday
18 December, 1908

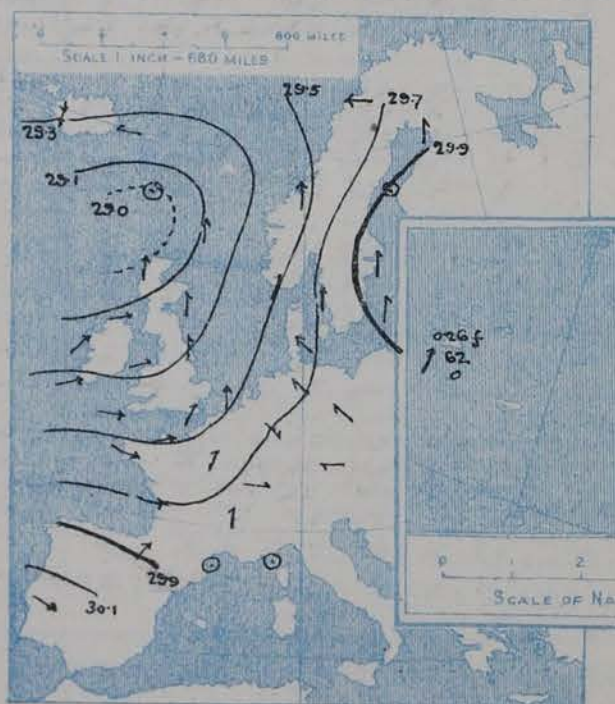
		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.			BAROMETER.		TEMPERATURE.			WIND.					TEMP.			Sun-shine.	Rainfall.
STATIONS.		At 32° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Hours.	Ins.
		Ins.	"				Ins.	Ins.	"	"	"						"	"			
SCANDINAVIA.	Haparanda...	29.89	32	S	2	r	29.84	+0.04	33	33	+0.23	S	2	0	*		42	1	*	*	-
	Hernösand...	29.90	35	Z	0	0	29.93	+0.06	35	35	+0.17	S	4	0	*		37	18	*	*	0.04
	Stockholm...	29.97	38	SE	2	0	29.95	+0.02	36	36	+0.3	SE	2	0	*		39	37	*	*	-
	Wisby...	29.94	39	S	2	0	29.92	+0.02	37	35	+0.2	SE	2	0	*		39	36	*	*	-
	Karlstad...	29.89	41	S	2	0	29.86	-0.02	37	36	-0.4	SE	4	0	*		*	*	*	*	0.20
	Færder (X'ania Fjord)	29.76	42	SE	5	0	29.75	-0.05	41	40	+0.1	SE	2	0	*		43	39	*	*	0.08
	Bodö...	29.56	37	E	4	0	29.56	-0.3	39	37	+0.2	E	4	0	*		41	36	*	*	-
	Christiansund...	29.45	49	SE	5	0	29.47	-0.10	50	43	+0.10	SE	3	0	*		50	39	*	*	-
	Skudesnaes...	29.49	47	SSW	6	0	29.51	-0.06	46	45	0	SSW	6	0	*		47	41	0	*	0.16
ICELAND & FAEROE.	Reykjavik...	29.27	28	N	8	c	29.64	+0.52	21	*	0	N	9	0	*		*	*	*	*	*
	Blönduós...	29.40	24	E	7	S	29.79	+0.51	18	*	-0.6	NE	3	0	*		*	*	*	*	*
	Seydisfjord...	29.21	31	E	3	S	29.69	+0.51	28	*	?	Z	0	0	*		*	*	*	*	*
	Thorshavn...	28.98	43	Z	0	C	29.10	+0.11	41	*	-0.4	Z	0	0	*		*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	29.13	48	S	5	0	29.23	+0.04	44	43	-0.3	S	2	0	*		49	43	0	*	0.01
	Stornoway...	29.01	45	S	6	0	29.22	+0.22	43	43	0	W	4	0	*		47	42	0	*	0.43
	Castlebay (Barra Id.)	29.02	48	SW	4	0	29.35	+0.36	47	44	-0.2	WNW	5	0	*		49	45	0	*	0.11
	Malin Head...	29.11	43	WSW	5	0	29.46	+0.44	45	45	+0.2	WNW	7	0	*		49	41	0	*	0.23
	Blacksod Pt. ...	29.19	47	SW	4	0	29.71	+0.68	43	40	-0.4	WNW	4	0	*		48	41	0	*	0.10
	Valencia...	29.34	47	WSW	5	0	29.84	+0.62	47	43	-0.1	WNW	5	0	*		50	43	0	*	0.16
	Roche's Point...	29.35	44	W	3	0	29.77	+0.51	44	42	0	NW	4	0	*		48	41	0	*	0.04
	Birr Castle...	29.27	41	S	2	0	29.74	+0.55	40	38	-0.1	SW	2	0	*		46	35	0	*	0.03
	Donaghadee...	29.21	42	SE	3	0	29.50	+0.26	43	41	-0.1	SE	3	0	*		47	29	0	*	0.04
	Liverpool Obsy...	29.31	45	SW	2	0	29.53	+0.25	43	42	-0.3	SW	3	0	*		49	31	0	*	0.02
	Holyhead...	29.27	46	WSW	2	0	29.56	+0.34	46	45	-0.2	NW	6	0	*		50	44	0	*	0.02
	Pembroke (St. Ann's Hd.)	29.32	48	WSW	4	0	29.65	+0.37	48	44	-0.2	WNW	6	0	*		52	43	0	*	0.03
	Scilly (St. Mary's)...	29.43	47	W	4	0	29.77	+0.39	47	45	-0.3	N	5	0	*		52	46	0	*	0.16
	Jersey (St. Aubins)...	29.49	50	WSW	5	0	29.67	+0.15	45	44	-0.5	WNW	4	0	*		53	43	0	*	0.57
	Portland Bill...	29.39	50	WSW	4	0	29.64	+0.26	47	45	-0.5	NW	3	0	*		53	46	0	*	0.08
	Dungeness...	29.40	51	SW	5	0	29.56	+0.06	38	37	-0.5	WNW	2	0	*		51	35	0	*	0.20
	Dover...	29.44	50	SW	3	0	29.58	+0.04	38	37	-0.1	NW	1	0	*		50	37	0	*	0.17
	Wick...	29.13	44	S	2	0	29.25	+0.15	41	40	-0.6	S	1	0	*		49	39	0	*	-
	Nairn...	29.11	41	W	1	0	29.26	+0.18	39	38	-0.8	W	1	0	*		49	34	0	*	-
	Aberdeen...	29.20	44	S	1	0	29.34	+0.15	38	37	-0.9	SW	1	0	*		49	38	0	*	-
	Leith...	29.19	44	S	2	0	29.38	+0.21	43	41	-0.5	W	3	0	*		51	40	0	*	-
	North Shields...	29.26	45	S	2	0	29.45	+0.16	37	37	-1.0	SSW	2	0	*		49	34	0	*	0.02
	Spurn Head...	29.32	45	SSW	3	0	29.52	+0.14	40	39	-0.6	W	3	0	*		46	39	0	*	0.14
	Yarmouth...	29.40	47	S	4	0	29.53	+0.04	40	39	-0.6	W	2	0	*		48	39	0	*	0.05
	Clacton-on-Sea...	29.41	46	SE	3	0	29.58	+0.09	39	38	-0.8	WNW	2	0	*		48	38	0	*	0.04
	Nottingham...	29.34	49	SSW	1	0	29.56	+0.19	35	35	-0.13	W	2	0	*		50	34	0	*	0.03
	Bath...	29.46	46	SW	1	0	29.65	+0.27	36	36	-0.12	NW	1	0	*		52	35	0	*	0.09
	Oxford...	29.42	44	SW	3	0	29.67	+0.27	34	33	-0.13	WSW	3	0	*		50	33	0	*	-
	London (St. James's Park)	29.39	48	SSW	2	0	29.59	+0.13	37	36	-0.13	SW	1	0	*		52	36	0	*	0.11
GERMANY, & C.	The Scaw (Skagen)	29.78	42	S	5	m	29.73	-0.06	39	39	-0.5	SE	5	m	1		46	39	*	*	-
	Fanö...	29.65	37	SE	4	0	29.64	-0.09	36	35	-0.3	SE	4	0	*		43	36	*	*	-
	Cuxhaven...	29.67	42	SE	2	0	29.63	-0.13	37	34	-0.3	S	2	0	*		46	36	*	*	-
	The Helder...	29.54	45	SE	0	0	29.58	-0.05	45	44	+0.5	S	1	0	*		46	39	*	*	-
	Brussels...	*	*	*	*	*	29.63	-0.06	44	43	+0.4	SW	2	0	*		50	40	*	*	0.04
	Berlin...	29.82	34	SE	3	0	29.76	-0.12	32	32	+0.1	SE	1	0	*		39	30	*	*	-
	Frankfurt...	29.77	33	NW	2	0	29.76	-0.12	35	33	+0.4	N	2	0	*		36	32	*	*	0.04
	Munich...	29.84	29	E	3	0	29.82	-0.13	31	100	+0.5	N	2	0	*		34	27	*	*	-
FRANCE.	C. Gris Nez...	29.32	48	SSW	5	0	29.58	+0.06	45	45	-0.2	W	3	0	*		50	45	*	*	0.39
	La Hève...	29.50	45	WSW	4	0	29.66	+0.08	43	42	-0.4	WSW	4	0	*		50	39	*	*	0.16
	Brest...	29.58	46	WNW	5	0	?	?	49	46	-0.4	WNW	5	0	*		54	46	*	*	0.08
	Lorient...	29.56	50	WNW	5	0	29.72	+0.15	48	48	-0.5	WNW	6	0	*		55	45	*	*	0.29
	Rochefort...	29.69	53	W	5	0	29.82	+0.12	50	48	-0.2	?	5	0	*		61	45	*	*	0.39
	Biarritz...	29.88	57	SW	6	0	29.98	+0.12	55	49	+0.5	WNW	8	0	*		57	46	*	*	0.75
	Paris...	29.59	48	SSW	2	0	29.69	-0.03	37	37	-0.6	SSW	2	0	*		48	32	*	*	0.08
	Belfort...	29.76	43	W	3	0	29.74	-0.12	42	41	+0.5	W	2	0	*		49	40	*	*	0.08
	Lyons...	29.80	46	S	1	0	29.80	-0.07	41	40	-0.1	NW	1	0	*		54	40	*	*	0.20
	Nice...	29.82	48	Z	0	0	29.72	-0.12	44	42	-0.4	Z	0	0	*		54	51	*	*	-
SPANISH PENIN.	Perpignan...	29.85	51	Z	0	0	29.85	-0.02	49	44	+0.4	NW	3	0	*		58	48	*	*	-
	Sanguinaire...																				
	Corunna...																				
SPANISH PENIN.	Lisbon...																				
	Azores (P. Delgada)...																				
	Horta...	30.30	61	S	5	0	30.26	-0.01	62	60	+0.1	SSW	5	0	*		64	61	*	*	0.04

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

7 A.M. YESTERDAY.

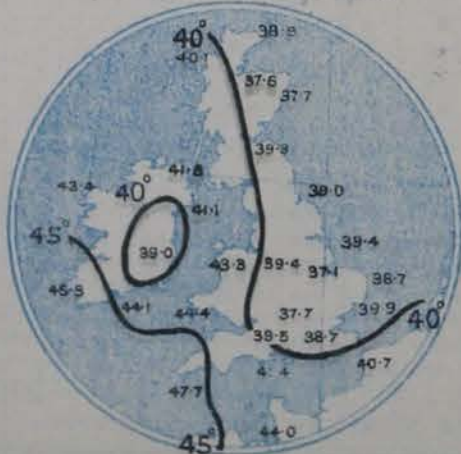


6 P.M. YESTERDAY



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

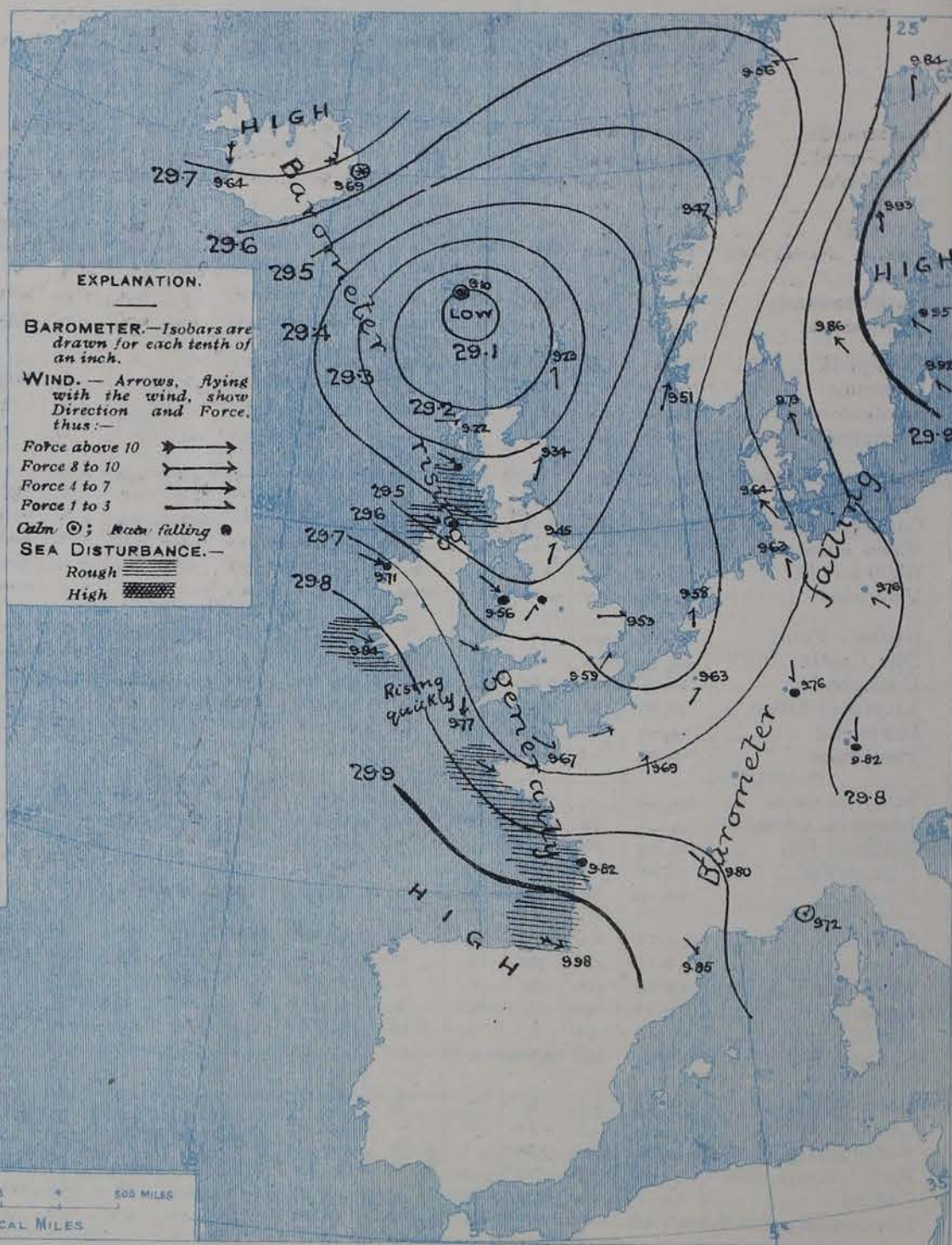
(Derived chiefly from Observations extending over the 35 years—1871-1905.)



Friday.

WEATHER

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



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 ; Moderate falling

SEA DISTURBANCE.—

Rough

High

NOTES ON THE GENERAL SITUATION AT 7 A.M.

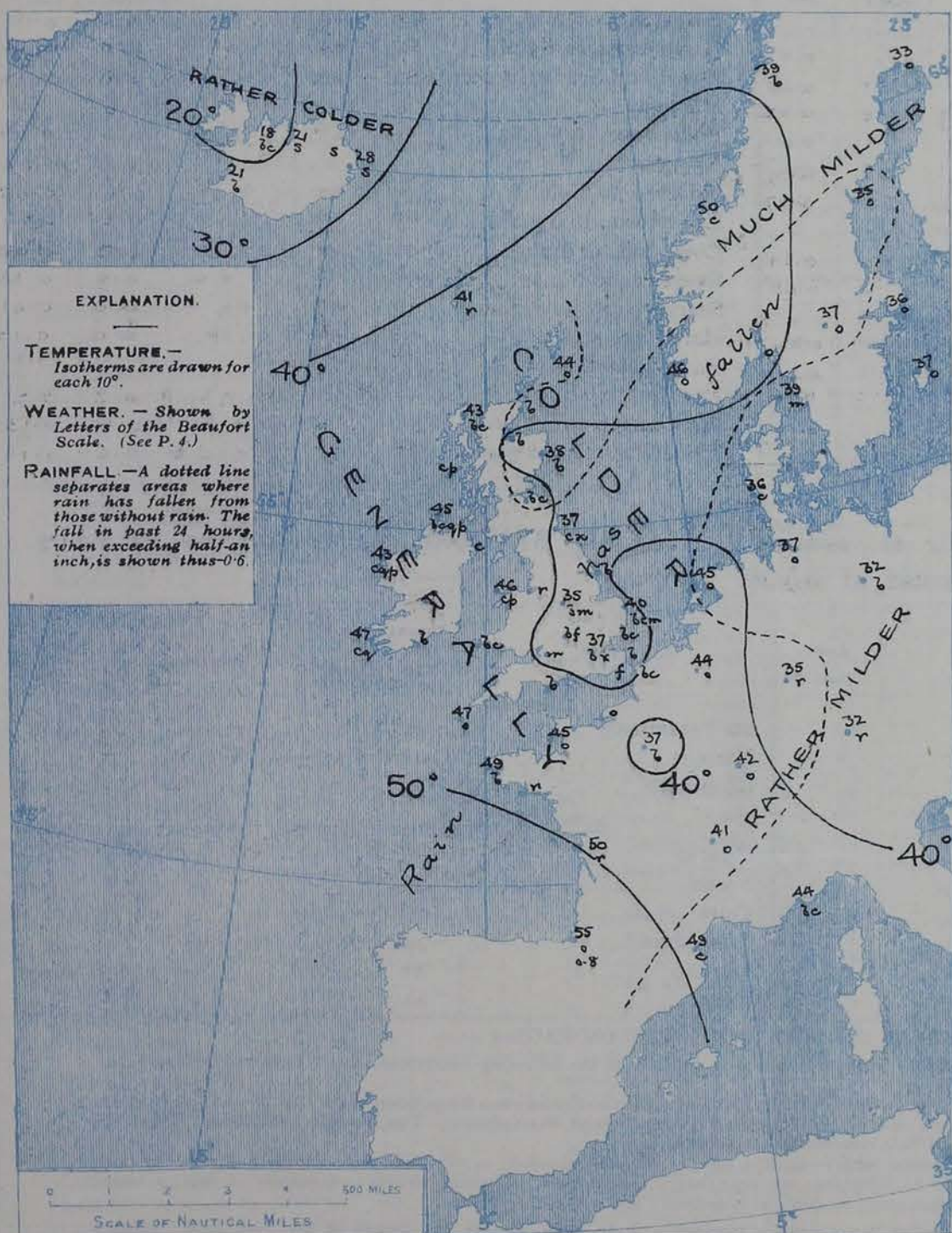
The depression noticed yesterday off our extreme north west coasts has travelled northwards, and is now centred near the Faerø Islands. Small secondary disturbances which were developed over the United Kingdom are passing eastwards to the North Sea, and the barometer is rising in all districts.

In the rear of the secondary disturbances the wind on our western coasts has shifted to the North-Westward, and increased considerably in force. In the northern and eastern parts of our Islands, light breezes from the Westward are reported, while over northern Europe the wind is southerly or south-easterly. Temperature has fallen decidedly over Great Britain, and is now below 40° at most of our eastern and central stations. On our western coasts the fall has been less marked, and the readings are mostly above 45°. Slight frost prevails in Germany, and sharp frost in Iceland. Showers are falling at most of our northwestern stations, but in other parts of the United Kingdom the weather is fine. On the Continent the sky is cloudy, with rain at several of the French and German stations. Snow is falling in Iceland. The sea is moderate or slight generally, but rather rough on our extreme western coasts and in the Bay of Biscay.

CHARTS

18th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° or slightly above it in many parts of the United Kingdom. Ground frost occurred last night in several places; at Oxford the thermometer on the grass fell to 29°, and in London to 27°. Fairly large amounts of bright sunshine were recorded yesterday at some of our western and northern stations, but in the south and east there was little or none. Rain has fallen in most parts of our area; lightning was seen at Roche's Point at night.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

A ridge of high pressure is apparently advancing over these Islands from the Westward, and the wind over England is likely to shift temporarily to North West. A new disturbance will probably appear off our western coasts in the course of the ensuing twenty-four hours, and backing winds are therefore probable in those regions. The cold weather over Great Britain is not likely to continue.

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 S.W. or S. winds,
moderate; fair and cold to-day,
becoming unsettled and milder
to-morrow.

2 } Moderate S.W. to N.W. winds,
backing again later; some local
showers at first, then fair.
Milder to-morrow.

6 } Strong N.W. winds, moderating
later and backing to S.W. or
S.; fair at first, some rain
later. Continuing mild.

II WESTERN CHANNEL AND BAY.

Fresh or strong N.W. winds
backing later; sea rough. Fair
to-day, becoming rainy again
to-morrow.

FORECAST DISTRICTS.

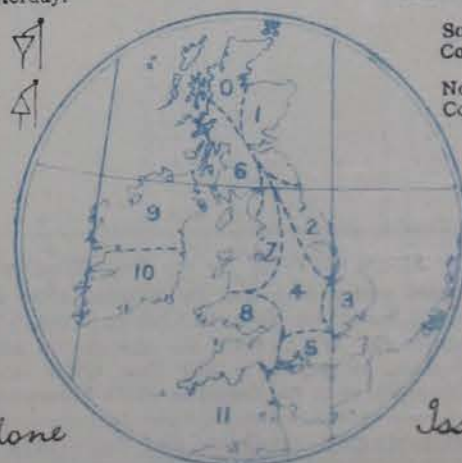
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

South
Coast.
North
Coast.

Signals hoisted this morning.

South
Coast.
North
Coast.



None

Issued.

DAILY WEATHER REPORT.

Friday, 18th December, 1908.

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.			
Dublin (City), to 4 p.m. ...	46	44	o, d, b	*	-	Brighton, to 6 p.m. ...	49	48	*	0.0	0.16
Rossall Beach, to 6 p.m. ...	48	43	cp, c	*	0.02	Eastbourne, to 6 p.m. ...	50	48	*	0.0	0.10
Blackpool, to 9 p.m. ...	49	43	r, c	2.1	0.07	Bexhill-on-Sea, to 9 p.m. ...	51	49	r, c	0.0	0.12
Southport, to 9 p.m. ...	50	40	or, bc, g	1.8	0.02	Hastings ...	*	*	*	0.0	*
Rhyl, to 6 p.m. ...	50	40	*	3.4	0.01	Folkestone, to 6 p.m. ...	51	47	c, or, o, c	0.0	0.09
Colwyn Bay, to 6 p.m. ...	49	46	bc, b	3.8	0.10	Ramsgate, to 6 p.m. ...	*	*	*	0.0	0.07
Elandudno, to 9 p.m. ...	50	44	op, o, c, o	3.1	0.07	Margate, to 6 p.m. ...	30	45	r, o	0.0	0.05
Bettws-y-Coed, to 6 p.m. ...						Felixstowe, to 6 p.m. ...	48	45	-	0.0	0.06
Towyn, to 6 p.m. ...	51	45	r, bc, p	1.5	0.14	Lowestoft, to 6 p.m. ...	48	45	o, c, or	0.3	0.03
Aberystwyth, to 6 p.m. ...	50	40	*	1.2	0.09	Skegness, to 6 p.m. ...	47	45	o, r, o	0.0	0.13
Plymouth, to 9 p.m. ...	53	44	c, b, p, c	3.0	-	Scarborough, to 9 p.m. ...	48	41	og	0.0	0.01
Torquay, to 6 p.m. ...	52	48	*	3.0	0.32	Harrogate, to 6 p.m. ...	48	41	or, cp, c	0.0	0.10
Weymouth, to 6 p.m. ...	56	48	cp, bc, b	1.9	0.27	Buxton, to 6 p.m. ...					
Bournemouth to 6 p.m. ...	53	47	r, bc	2.1	0.26	Darwen, to 9 p.m. ...	47	39	om, r, bc	0.3	0.21
Southsea, to 6 p.m. ...	51	40	*	1.1	0.14	Manchester, to 9 p.m. ...	50	42	or, o, bc	0.6	0.13
Worthing, to 6 p.m. ...	51	48	r, o, c, r, c	0.0	0.21	Birmingham, to 9 p.m. ...	48	41	r, c, o, b	0.6	0.14

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 17th Dec. 1908	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 17th Dec. 1908.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira ...	Not recd.				St. Petersburg ...	36	32	r, r	0.16
Marseilles ...	55	45	o, r	0.08	Utrecht ...	45	37	b, b	-
Malta ...	64	56	?, r	-	Groningen ...	45	36	o, bc	0.04
Algiers ...	61	48	c, r	1.10					
Tunis ...	59	48	bc, b	-	Geneva ...	43	*	o	Measured 7.30 a.m. 0.16
Palermo ...	64	50	bc, r	0.16	Berne ...	36	*	m	0.04
Naples ...	55	50	r, r	1.34	Coire ...	52	*	o	-
Brindisi ...	56	38	r, o	0.20	Castasegna ...	36	*	r	-
Florence ...	50	46	o, o	0.24	Lugano ...	37	*	r	0.04
Rome ...	53	50	o, o	0.16	Davos ...	36	*	o	-
Vienna ...	34	32	o, 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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) 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-baze, or smoke.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

WIRELESS TELEGRAMS FROM SHIPS OF H.M. NAVY.

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

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

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis-turb-ance.	18th & 19th Dec. 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
	Lat.	Long.		Dirac.	Force.		Dry Bulb.	Wet Bulb.	Sea.					
	°	°	Ins.				°	°	°					
											Yarmouth ...	8.3 8.5	11.50 11.50	3.37 3.37
											Greenwich ...	8.4 8.4	11.57 11.57	3.50 3.50
											Wick ...	8.2 9.2	12.9 12.9	3.16 3.16
											Valencia ...	8.48 8.48	12.38 12.38	4.28 4.28

TERMS OF SUBSCRIPTION for the Daily Weather Report, forwarded by Book Post, £1 per annum, payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the enquiry and reply Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (Director.)

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

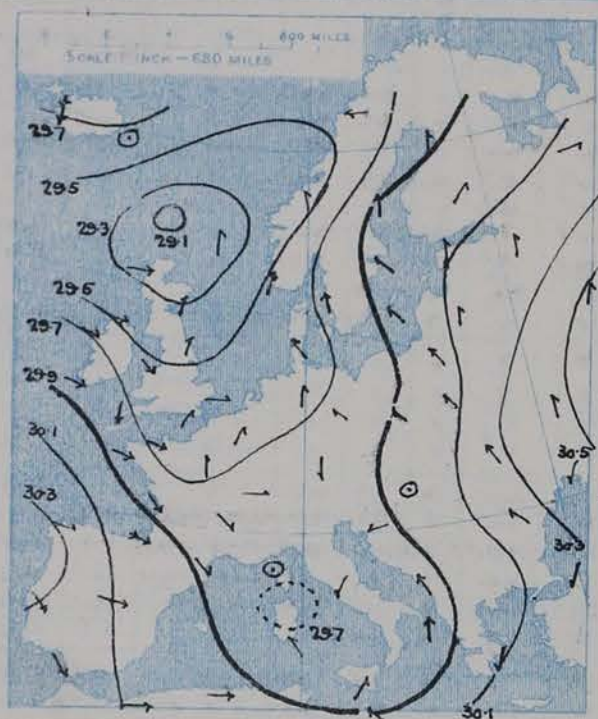
Saturday

19th December, 1908

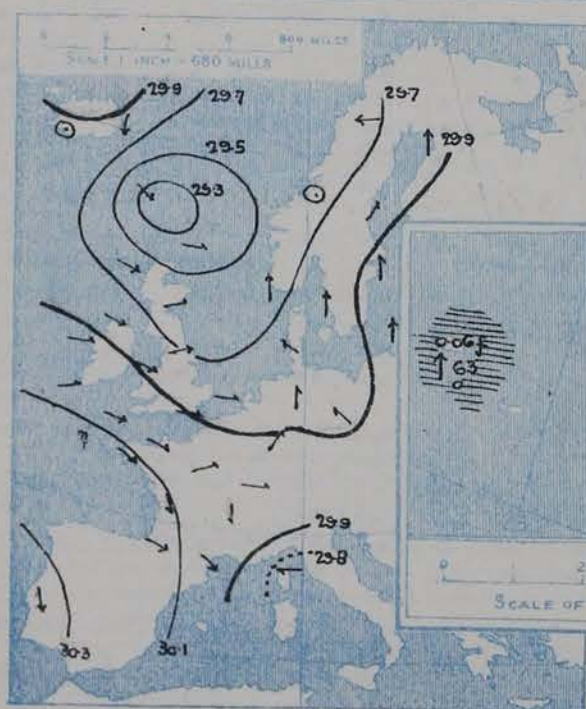
		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.			Wind.						Temp.				
STATIONS.		At 82° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Sun-shine.	Rainfall.
		Ins.	"				Ins.	Ins.	"	"	"						"	"		Hours.	Ins.
SCANDINAVIA.	Haparanda...	29.88	34	S	4	0	29.89	+0.05	34	33	+1	S	4	0	*		34	30	*	*	0.04
	Hernösand...	29.87	35	SW	2	r	29.87	?	35	34	0	S	2	0	*		36	34	*	*	-
	Stockholm...	29.95	37	S	2	r	29.96	+0.01	36	36	0	S	2	m	*		37	36	*	*	0.04
	Wisby...	29.97	37	S	6	0	29.99	+0.02	36	34	-1	S	4	0	*		39	32	*	*	-
	Karlstad...	29.88	37	Z	0	0	29.91	+0.05	38	37	+1	SSW	2	0	*		41	36	r, 0	*	0.04
	Färder (X'ania Fjord)	29.78	38	SE	4	r	29.91	+0.16	40	40	-1	SSW	4	f	2		43	37	*	*	0.38
	Bodö...	29.55	43	E	4	0	29.64	-0.02	43	41	+4	SW	4	c	2		50	41	*	*	-
	Christiansund...	29.52	46	Z	0	c	29.65	+0.18	42	38	-8	Z	0	bc	2		46	43	0	*	0.12
	Skudesnaes...	29.62	45	S	4	0	29.79	+0.28	43	43	-3	SW	4	c	3		46	43	0	*	-
ICELAND & FAEROE.	Reykjavik...	29.80	15	Z	0	b	29.63	-0.01	25	*	+4	E	8	3	*		*	*	*	*	*
	Blönduós...	29.97	17	NE	3	bc	29.63	-0.16	18	*	0	Z	0	0	*		*	*	*	*	*
	Seydisfjord...	29.83	24	N	6	s	29.96	+0.27	21	*	-7	NE	1	c	*		*	*	*	*	*
	Thorshavn...	29.27	43	NW	3	c	29.75	+0.65	36	*	-5	Z	0	0	*		*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	29.34	44	W	2	c	29.71	+0.48	44	43	0	WNW	2	0	3		47	43	c	*	0.07
	Stornoway...	29.61	39	WNW	5	bc	29.86	+0.64	38	38	-5	WNW	3	bc	3		44	37	clg, bc, bc	0.4	0.17
	Castlebay (Barra Id.)	29.72	42	WNW	5	bc	29.85	+0.50	46	42	-1	SSE	2	op	3		47	40	bc, bc, bc	1.1	0.02
	Malin Head...	29.79	42	WNW	7	cgrh, bc	29.86	+0.40	41	41	-4	S	3	rgm	2		47	40	bc, bc, bc	*	0.20
	Blacksod Pt. ...	29.92	44	W	4	bc	29.89	+0.18	52	51	+9	SW	3	rm	2		52	43	bc, om	*	0.27
	Valencia...	30.03	48	WSW	2	0	30.06	+0.22	53	52	+6	SW	3	og	4		54	46	bc, c	0.6	0.21
	Roche's Point...	30.03	45	W	3	c	30.03	+0.26	51	51	+7	Z	0	c	2		52	43	o, bc, o, c	*	0.02
	Birr Castle...	29.96	40	S	1	b	29.98	+0.24	51	50	+1	WSW	2	or	*		52	38	p, c, or	1.6	0.11
	Donaghadee...	29.85	42	WSW	3	bc	29.98	+0.48	40	39	-3	Z	0	0	c		45	35	bc, o	*	-
	Liverpool Obsy...	29.86	44	W	5	b	30.02	+0.49	43	41	0	WSW	2	0	3		47	42	bc, o, b	4.2	0.09
	Holyhead...	29.89	45	WNW	6	b	30.01	+0.45	45	44	-1	S	1	dm	1		46	41	bc, b	*	0.13
	Pembroke (St. Ann's Hd.)	29.97	47	WNW	6	bc	30.01	+0.36	50	50	+2	SW	4	d	4		50	45	bc	3.6	0.15
	Scilly (St. Mary's)...	30.07	50	WNW	5	c	30.18	+0.41	50	49	+3	SW	3	0	4		52	46	bc, c	4.0	0.02
	Jersey (St. Aubins)...	30.02	47	WNW	3	bc	30.18	+0.51	49	48	+4	W	3	r	3		53	42	bc, bc, bc	6.0	0.09
	Purton Bill...	29.98	48	NW	5	bc	30.10	+0.46	50	49	+3	W	3	r	4		50	47	bc	6.3	0.01
	Dungeness...	29.86	44	W	2	b	30.08	+0.52	39	37	+1	WNW	3	c	3		49	33	bc	4.1	-
	Dover...	29.89	40	NW	1	b	30.10	+0.52	39	37	+1	W	1	0	2		48	36	b, o	6.4	-
	Wick...	29.51	41	SW	3	0	29.82	+0.57	39	37	-2	SW	2	c	2		45	35	-	*	0.01
	Nairn...	29.61	37	W	2	b	29.88	+0.62	35	33	-4	W	1	b	1		43	34	bc, b	0.6	0.04
	Aberdeen...	29.62	41	WSW	1	b	29.91	+0.57	37	35	-1	WSW	2	b	2		45	36	bc, b	1.0	-
	Leith...	29.64	41	W	3	b	29.96	+0.58	39	36	-4	W	2	c	*		46	36	g, bc, b	*	-
	North Shields...	29.68	42	WSW	4	c	29.95	+0.50	36	35	-1	W	3	cx	2		45	32	c	*	-
	Spurn Head...	29.76	42	W	4	b	29.99	+0.47	40	39	0	WNW	4	b	2		44	39	om, bc, b	*	-
	Yarmouth...	29.80	43	W	2	bc	30.03	+0.50	38	38	-2	WNW	3	bc	3		44	37	bc, bc	5.2	-
	Clacton-on-Sea...	29.86	42	W	3	b	30.07	+0.49	39	37	0	W	3	c	2		46	36	bc, bc, bc	4.7	-
	Nottingham...	29.85	42	W	3	b	30.05	+0.49	41	40	+6	SW	2	0	*		47	35	bc, b	0.4	0.01
	Bath...	29.97	42	S	1	0	30.12	+0.47	41	41	+5	E	1	r	*		49	35	-	1.6	0.14
	Oxford...	30.00	39	W	3	b	30.13	+0.46	41	40	+7	WSW	2	0	*		48	33	bc, bc, bc	*	0.02
	London (St. James's Pk)	29.90	43	W	1	b	30.09	+0.50	40	39	+3	WSW	2	ow	*		47	36	og, bc, b, o	1.1	-
GERMANY, & C.	The Scaw (Skagen)	29.79	41	S	4	m	29.84	+0.11	42	41	+3	S	3	r	1		45	39	*	*	0.48
	Fanø...	29.78	40	SE	2	bc	29.86	+0.22	41	40	+5	SSB	1	b	*		41	36	*	*	-
	Cuxhaven†...	29.79	42	S	2	0	29.91	+0.28	42	47	+5	SSW	2	0	*		43	37	*	*	-
	The Helder...	29.81	43	WSW	1	b	29.96	+0.38	41	39	-4	WNW	5	c	3		46	41	*	*	0.04
	Brussels...	*	*	*	*	*	30.08	+0.45	37	37	-7	SW	2	0	*		46	36	*	*	0.04
	Berlin†...	29.84	36	SE	2	0	29.99	+0.23	39	47	+7	Z	0	f	*		39	32	*	*	-
	Frankfurt†...	29.96	37	SW	2	f	30.07	+0.31	38	44	+3	SW	3	f	*		39	35	*	*	0.20
	Munich†...	29.95	33	Z	0	r	30.15	+0.33	36	46	+5	SW	4	0	*		36	30	*	*	-
FRANCE.	C. Gris Nez...	29.87	46	W	3	bc	30.05	+0.47	44	41	-1	WNW	3	0	4		50	43	*	*	-
	La Hève...	29.94	46	NNW	6	0	30.17	+0.51	45	43	+2	SW	2	0	3		52	41	*	*	0.12
	Brest...	30.11	50	NW	5	c	30.19	?	50	48	+1	W	4	0	3		52	46	*	*	-
	Lorient...	30.08	49	NW	5	0	30.22	+0.50	51	51	+3	WNW	3	0	5		54	48	*	*	0.16
	Rochefort...	30.10	50	NNW	4	b	30.31	+0.49	47	47	-3	Z	0	0	*		54	46	*	*	0.12
	Biarritz...	30.17	55	WNW	7	bc	30.35	+0.37	52	50	-3	N	4	0	7		55	50	*	*	-
	Paris...	29.96	40	SW	2	b	30.18	+0.49	37	37	0	SSW	1	0	*		45	34	*	*	-
	Belfort...	29.86	40	Z	3	0	30.16	+0.42	37	36	-5	WSW	2	m	*		44	36	*	*	-
	Lyons...	29.99	44	N	2	0	30.23	+0.43	39	39	+2	NW	1	0	*		49	39	*	*	-
	Nice...	29.78	45	E	2	b	29.96	+0.24	45	40	+1	Z	0	b	2		52	41	*	*	-
SPANISH PENIN.	Perpignan...	29.95	48	NW	5	0	30.19	+0.34	47	42	-2	NW	5	b	*		56	46	8, 2	*	-
	Sanguinaire...																				
	Corunna...																				
SPANISH PENIN.	Lisbon...																				
	Azores (P. Delgada)...																				
	Horta...	30.18	63	S	6	0	30.06	-0.20	63	60	+1	S	6	0	6		64	62	*	*	-

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

7 A.M. YESTERDAY.

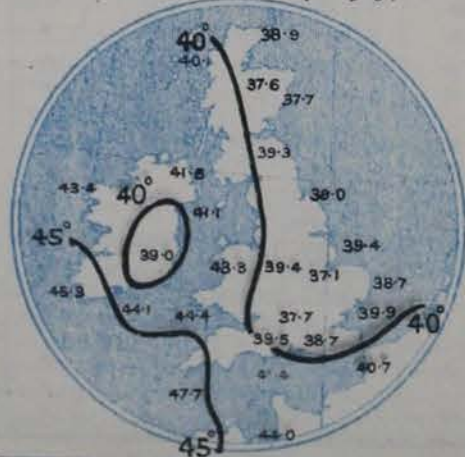


6 P.M. YESTERDAY



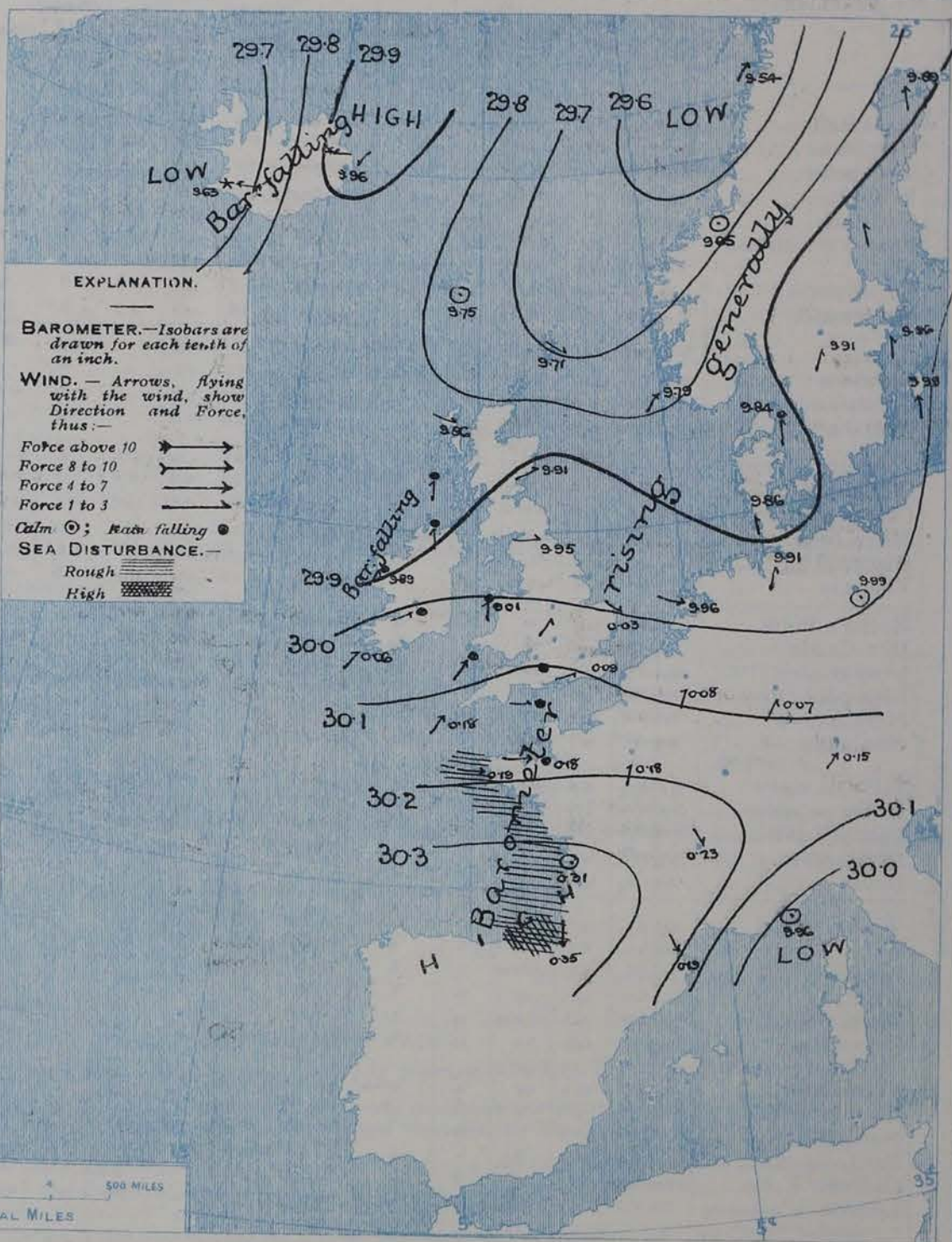
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF DECEMBER.

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



Saturday, WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

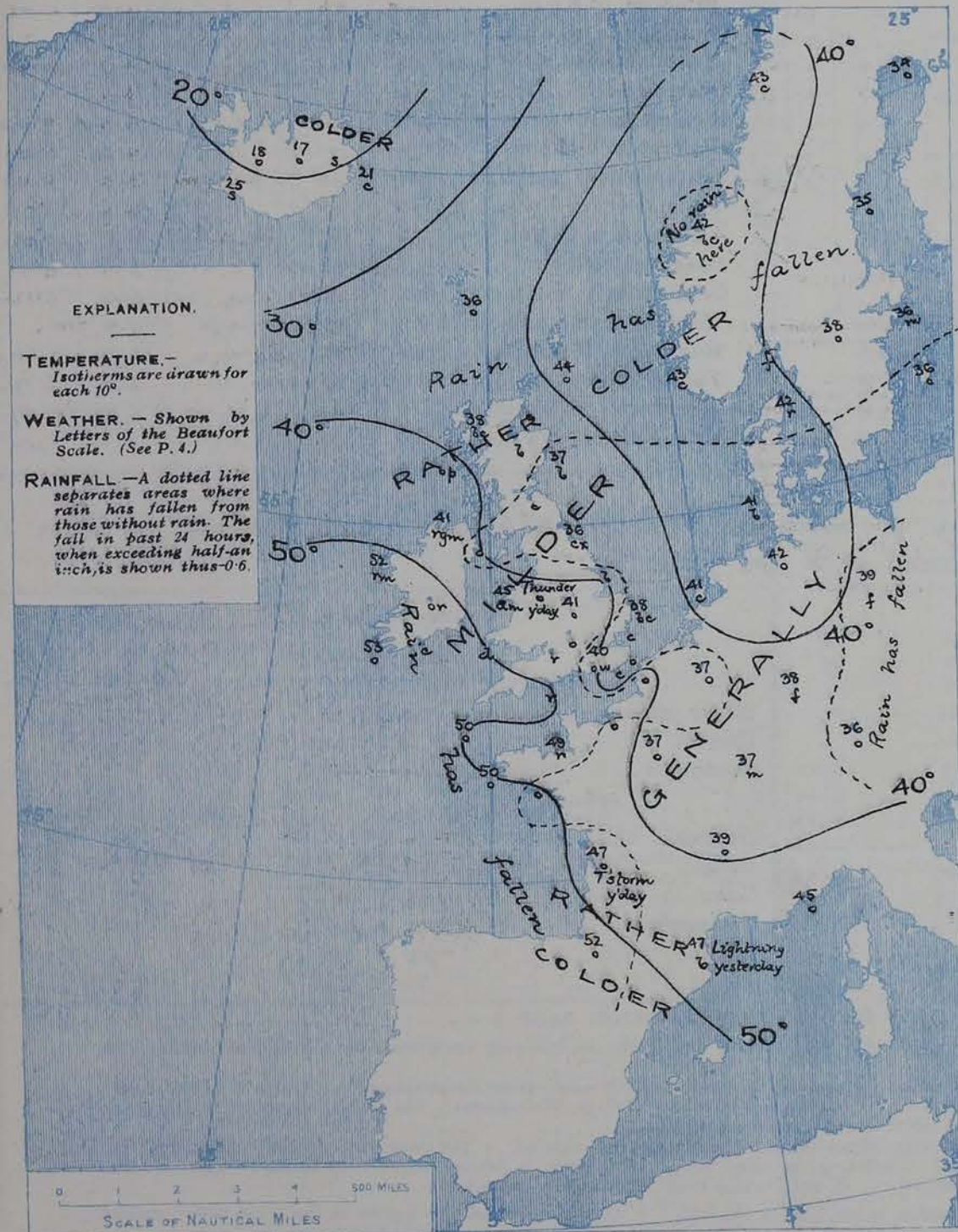
The barometer is now highest over the south west of France and neighbouring parts of the Bay of Biscay and lowest in a shallow depression which lies off the Norwegian coasts. Another disturbance is approaching Iceland from the westward, and there are some indications of the advance of a secondary system towards our own western coasts.

The wind is light to moderate from the Westward over the major part of Great Britain and France, but has backed to South West or South on all our western coasts. Southerly or South Westery breezes are also reported in Scandinavia, Denmark and Germany. Temperature has risen somewhat over England and Ireland, and also in Denmark and Germany, but has fallen in most other countries. Over the United Kingdom the morning readings range from a little above 50° in the west and south of Ireland, to 40° and less at many of our northern and eastern stations. At the majority of the Continental stations the readings are a trifle above or below 40°. Hard frost prevails in Iceland. The weather is fine in the north and east of Great Britain, but cloudy or dull in nearly all other parts of our area. Rain is falling at several of our own western and southern stations, and snow at Reykjavik and Grimstad. The sea is slight or smooth generally, but moderate off our south-west coasts, and rough in the Bay of Biscay.

CHARTS

19th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER.

During yesterday the thermometer rose to 50° or slightly above it at several of our western and southern stations; at many places in the north and east it did not reach 45°. Frost occurred last night in many parts of Great Britain, in London and at Oxford the thermometer on the grass fell to 27°. Rain has fallen generally in the west and extreme north, and locally in many other parts of our area. Thunder was heard yesterday at Liverpool, and lightning was seen at Perpignan.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

A shallow depression which is approaching the Irish coasts is likely to move or spread eastwards, and to occasion rain in many parts of the United Kingdom. A further rise of temperature is probable over England.

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 } *W^{ly} to S^{ly} winds, light; fine at first, some rain later. Becoming rather milder.*
- 1 }
- 2 }
- 3 }
- 4 } *W^{ly} to S^{ly} winds, light or moderate; mild, cloudy, occasional slight rain.*
- 5 }
- 6 }
- 7 }
- 8 } *S^{ly} winds, moderate to fresh; mild, unsettled, some rain.*
- 9 }
- 10 }

II WESTERN CHANNEL AND BAY



Moderate to fresh S^{ly} and W^{ly} winds, and a moderate to rather rough sea. Mild, some rain, misty in places.



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. 



Done

Issued.

19th December, 1908.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	44	39	c, p, b	*	0.01	Brighton, to 6 p.m. ...	47	36	*	4.7	0.02
Rossall Beach, to 6 p.m....	46	38	c, r, c	*	0.21	Eastbourne, to 6 p.m. ...	49	36	*	4.8	-
Blackpool, to 9 p.m. ...	46	38		3.8	0.26	Bexhill-on-Sea, to 9 p.m.	50	38	b	4.7	0.04
Southport, to 9 p.m. ...	47	37	or, c, o, c	3.7	0.09	Hastings	*	*	*	6.1	*
Rhyl, to 6 p.m.	47	42	*	2.9	0.05	Folkestone, to 6 p.m. ...	50	38	c, r, o, b, c	6.0	0.03
Colwyn Bay, to 6 p.m. ...	46	40	b, c, p, o, b, b, c	2.4	0.11	Ramsgate, to 6 p.m. ...	*	*	*	4.7	0.01
Llandudno, to 9 p.m. ...	48	42	or, o, c, b	2.3	0.08	Margate, to 6 p.m.	46	39	b, m, o, m	3.0	0.03
Bettws-y-Coed, to 6 p.m.					*	Felixstowe, to 6 p.m. ...	45	38		4.4	-
Towyn, to 6 p.m.	48	41	p, c, b, c, c	2.3	0.04	Lowestoft, to 6 p.m. ...	46	37	or, c, b, c	5.4	0.02
Aberystwyth, to 6 p.m....	49	44	*	2.0	-	Skegness, to 6 p.m....	44	36	r, c, b	3.5	0.01
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	47	29	o, p	0.0	0.12
Torquay, to 6 p.m....	51	37	*	4.1	0.02	Harrogate, to 6 p.m. ...	45	35	c, b, c, b	2.4	-
Weymouth, to 6 p.m. ...	49	40	b, b, c	6.3	-	Buxton, to 6 p.m.	43	37	c, b, o, p, c	0.0	0.10
Bournemouth to 6 p.m. ...	48	36	b	5.7	-	Darwen, to 9 p.m.	43	37	or, b, c	0.5	0.13
Southsea, to 6 p.m....	48	37	*	2.5	0.02	Manchester, to 9 p.m. ...	47	40	b, o, p, c	0.7	0.07
Worthing, to 6 p.m. ...	47	35	b, c	5.4	0.03	Birmingham, to 9 p.m....	46	37	o, c, b	2.2	-

STATIONS. 18 th Dec. 1908				TEMPERATURE F.		WEATHER.	RAIN. — Ins.	STATIONS. 18 th Dec. 1908.				TEMPERATURE F.		WEATHER.	RAIN. — Ins.
				Max.	Min.							Max.	Min.		
Madeira	72	48	b, bc	—	—	St. Petersburg	34	? 21	0, 0	—					
Marseilles	54	45	b, bc	—	—	Utrecht	48	36	0, 0	—					
Malta	?	?	?, c	0.47	—	Groningen	45	37	c, 0	—					
Algiers	64	55	0, bc	0.16	—										
Tunis	44	41	0, 0	0.04	—										
Palermo	58	53	b, r	0.04	—	Geneva	43	*	0	Measured 7.30 a.m.					
Naples	54	48	0, r	1.46	—	Berne	45	*	m	—					
Brindisi	56	38	r, 0	1.26	—	Coire	52	*	0	—					
Florence	54	43	0, 0	—	—	Castasegna... ..	Not recd.								
Rome	55	48	0, c	0.08	—	Lugano	45	*	0	0.28					
Vienna	34	23	0, f	—	—	Davos... ..	37	*	bc	—					

(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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.

(c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.

(d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

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

[illegible]

19 th + 20 th Dec ^r 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.3 8.4	11.50 11.51	3.37 3.38
Greenwich	8.4 8.5	11.57 11.58	3.50 3.51
Wick	9.2 9.3	12.9 12.10	3.16 3.17
Valencia	8.48 8.49	12.38 12.39	4.28 4.29

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the enquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

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

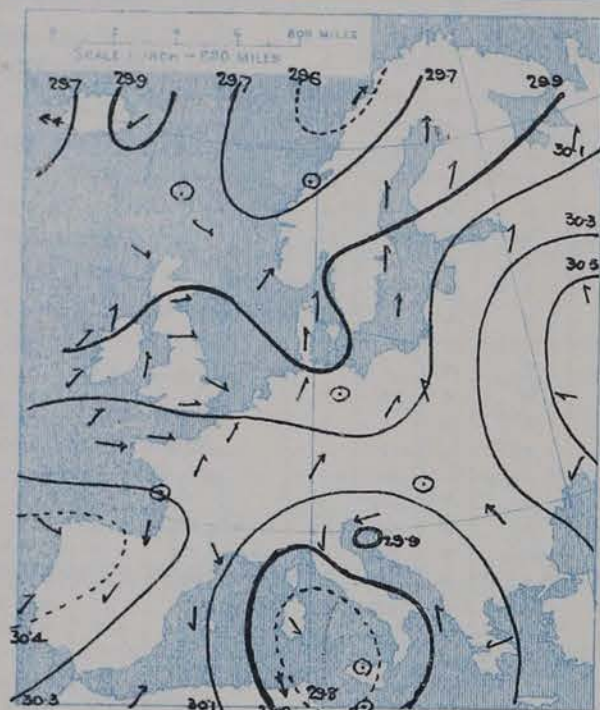
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Sunday,
20th December, 1908

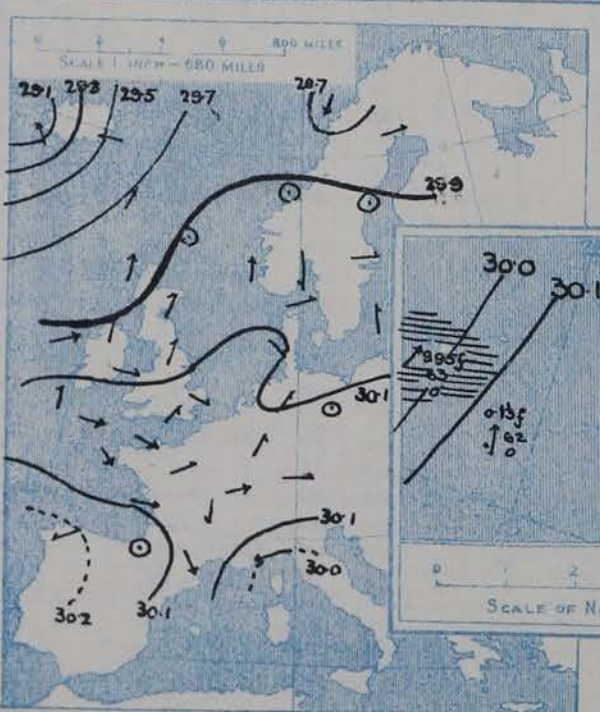
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9).	TEMP.		Weather.	Sun-shine.	Rainfall.	
		At 82° Fahr. and M.S.L.	Dry Bulb.	Change since Yesterday.	Dry Bulb.			Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).	Max.	Min.								
														At 82° Fahr. and M.S.L.		Change since Yesterday.	Dry Bulb.				Wet Bulb.
SCANDINAVIA.		Ins.	°	Direc.	(0 to 12).	Weather.	Ins.	Ins.	°	°	°	Direc.	Force (0 to 12).	Weather.	Sea (0 to 9).	°	°	Weather.	Hours.	Ins.	
	Haparanda...	29.75	33	WSW	4	0	30.08	+19	22	22	-12	N	2	6	*	34	22	*	*	-	
	Hernösand...	29.93	31	Z	0	f	30.14	?	23	23	-12	Z	0	r	*	36	23	*	*	-	
	Stockholm...	30.02	36	W	2	0	30.22	+26	35	34	-1	W	2	0	*	37	25	*	*	0.04	
	Wisby...	30.04	38	S	2	f	30.23	+24	40	39	+4	WNW	4	0	*	40	34	*	*	-	
	Karlstad...	30.06	36	Z	0	f	30.27	+36	37	37	-1	Z	0	0	*	41	34	*	*	0.04	
	Færder (X'ania Fjord)	30.02	39	N	2	f	30.24	+33	35	34	-5	N	1	0	1	41	34	*	*	0.04	
	Bodö...	29.65	36	NNE	4	6	30.06	+52	30	28	-13	E	4	6	2	43	28	*	*	0.04	
	Christiansund...	29.95	43	Z	0	6c	29.98	+33	40	37	-2	ESE	1	6	3	45	39	*	*	-	
	Skudesnaes...	29.99	43	S	4	0	30.12	+33	43	43	0	S	4	c	4	45	41	c.o	*	-	
ICELAND & FAEROE.	Reykjavik...	29.04	36	SE	7	c	28.98	-65	37	*	+12	S	3	r	*	*	*	*	*	*	
	Blönduós...	29.21	32	S	6	0	28.75	-88	35	*	+17	S	2	6c	*	*	*	*	*	*	
	Seydisfjord...	29.52	32	E	4	S	29.15	-81	36	*	+15	S	3	0	*	*	*	*	*	*	
	Thorshavn...	29.75	40	SSW	1	0	29.34	-141	49	*	+13	SE	8	r	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.92	43	Z	0	0	29.76	+05	47	47	+3	S	5	0	6	49	41	0	*	-	
	Stornoway...	29.81	48	S	5	0	29.63	-23	50	50	+12	SSW	7	rq	6	50	37	bc, org, odq	0.0	0.17	
	Castlebay (Barra Id.)	29.86	51	WSW	4	r	29.71	-14	51	50	+5	SSW	5	dm	5	52	46	odpm, od	0.0	0.22	
	Malin Head...	29.91	49	S	3	0	29.78	-08	50	50	+9	SSW	5	c	3	51	40	orm, om, bc	*	0.05	
	Blacksod Pt. ...	29.97	52	S	4	0	29.91	+02	50	49	-2	S	5	op	2	53	50	opm	*	0.17	
	Valencia...	30.11	52	S	2	0	30.13	+07	53	53	0	S	3	odm	4	54	51	om, odm	0.0	0.04	
	Roche's Point...	30.13	52	W	1	0	30.00	+02	53	52	+2	SW	2	og	*	54	49	om, o	0.0	0.01	
	Birr Castle...	30.06	51	WSW	2	0	30.00	+02	49	48	+9	SW	3	c	2	51	39	cdp, o, bc	*	0.16	
	Donaghadee...	30.01	49	WSW	2	m	30.00	+02	49	48	+9	SW	3	c	2	51	39	cdp, o, bc	*	0.16	
	Liverpool Obsy...	30.07	46	S	1	r	30.11	+09	50	49	+7	SSE	2	0	1	50	42	od, or	0.0	0.07	
	Holyhead...	30.06	52	W	2	orgm	30.08	+07	51	50	+6	WSW	4	c	3	52	44	orgm	*	0.37	
	Pembroke (St. Ann's Hd.)	30.11	52	W	3	0	30.14	+13	51	50	+1	S	3	of	4	53	48	or, pf, o	0.0	0.03	
	Scilly (St. Mary's)	30.21	52	W	4	0	30.21	+03	52	50	+2	SW	3	0	4	53	47	o	0.0	-	
	Jersey (St. Aubins)	30.18	52	WNW	4	r	30.24	+06	53	52	+4	WNW	3	0	3	54	47	otm, odm	0.0	0.27	
	Portland Bill	30.12	53	WNW	3	0	30.19	+09	52	51	+2	WSW	2	0	3	53	45	o	0.0	0.13	
	Dungeness...	30.12	44	NW	1	0	30.20	+12	47	45	+8	S	3	0	3	47	36	ce, cdp	0.0	0.04	
	Dover...	30.16	43	S	1	6	30.24	+14	46	44	+7	SW	2	0	2	46	38	o, b, o	0.0	-	
	Wick...	29.90	42	SW	2	r	29.76	-06	49	47	+10	SW	3	6	2	49	39	-	*	0.02	
	Nairn...	29.90	38	W	1	0	29.79	-09	49	48	+14	WSW	1	0	1	49	32	b, bc, c, o, r	0.0	0.07	
	Aberdeen...	29.97	38	SSW	1	r	29.92	+01	45	45	+8	SSW	2	0	3	45	33	bc, c, or, c	0.0	0.06	
	Leith...	29.98	43	Z	0	0	29.92	-04	50	48	+11	SW	2	c	*	51	39	c, bc, op, c	*	0.02	
	North Shields	30.05	42	SSW	2	m	30.04	+09	43	43	+7	Z	0	m	2	43	34	r, m	*	0.04	
Spurn Head...	30.10	43	S	2	f	30.13	+14	43	43	+3	S	4	om	3	44	40	cm, d, pf	*	0.05		
Yarmouth...	30.15	39	WNW	2	6cm	30.22	+19	44	43	+6	SSW	2	6c	3	44	36	bc, bcm	4.8	-		
Clacton-on-Sea...	30.15	43	Z	0	0	30.24	+17	45	44	+6	SSE	2	0	2	45	38	c, ogm	0.0	-		
Nottingham...	30.11	44	WSW	1	dm	30.14	+09	46	46	+5	SSW	1	0	*	46	39	om, dm	0.0	0.08		
Bath...	30.13	46	S	1	r	30.20	+08	50	50	+9	SW	1	oe	*	50	40	-	0.0	0.26		
Oxford...	30.17	44	SSE	2	r	30.21	+08	46	46	+5	S	2	ogm	*	46	40	ogdm, org	*	0.14		
London (St. James' & Pl.)	30.14	45	SW	1	od	30.23	+14	46	46	+6	S	3	0	*	47	40	opm, om, od	0.0	0.08		
GERMANY, &c.	The Scaw (Skagen)	30.06	40	WSW	2	m	30.26	+42	39	39	-3	SSW	2	0	0	43	37	*	*	0.04	
	Fanö...	30.14	41	NW	1	6	30.29	+43	32	32	-9	E	1	6c	*	43	32	*	*	-	
	Cuxhaven†...	30.07	40	SW	2	c	30.32	+41	35	100	-7	SW	1	f	*	43	35	*	*	0.04	
	The Helder...	30.16	43	N	1	6	30.30	+34	32	32	-9	SSE	1	f	1	45	32	*	*	0.16	
	Brussels...	*	*	*	*	*	30.30	+22	33	33	-4	W	1	0	*	42	29	*	*	-	
	Berlin†...	30.15	40	Z	0	f	30.37	+38	31	100	-8	Z	0	f	*	41	30	*	*	0.04	
	Frankfurt†...	30.20	34	SW	1	f	30.33	+26	31	96	-7	NE	3	f	*	39	30	*	*	0.20	
Munich†...	30.21	33	W	2	S	30.28	+13	32	100	-4	N	2	f	*	36	32	*	*	-		
FRANCE.	C. Gris Nez...	30.13	45	Z	0	r	30.22	+17	43	41	-1	SSE	2	0	2	50	43	*	*	0.28	
	La Hève...	30.17	45	SE	1	f	30.26	+09	44	43	-1	SE	3	r	2	48	41	*	*	-	
	Brest...	30.27	54	NW	4	f	30.30	+11	53	51	+3	NW	3	0	3	54	50	*	*	0.04	
	Lorient...	30.19	53	NW	4	m	30.27	+05	51	51	0	NW	3	c	3	54	50	*	*	0.08	
	Rocheport...	30.26	52	SSE	4	r	30.26	-05	52	52	+5	NNE	3	m	3	54	47	o, r	*	0.35	
	Biarritz...	30.36	53	Z	0	f	30.30	-05	55	55	+3	NW	5	f	6	57	50	*	*	-	
	Paris...	30.20	43	Z	0	r	30.28	+10	39	39	+2	Z	0	0	*	44	37	*	*	0.12	
Belfort...	30.14	36	WSW	5	0	30.24	+08	32	32	-5	ENE	2	f	*	42	30	*	*	0.08		
Lyons...	30.28	39	N	1	r	30.21	-02	36	36	-3	N	3	6	*	46	34	*	*	-		
Nice...	29.93	45	E	4	6	29.86	-10	44	36	-1	Z	0	6	2	55	39	*	*	0.04		
Perpignan...	30.20	49	NW	4	0	29.99	-20	55	52	+8	NW	5	0	*	55	47	*	*	-		
SPANISH PENIN.	Corunna...	30.49	57	ENE	3	0	30.45	-04	49	46	-1	SE	1	0	6	59	45	*	*	-	
	Lisbon...																			-	
	Azores (P. Delgada)...	30.19	62	SSE	4	0	30.13	-10	62	61	+2	S	4	0	4	64	59	*	*	0.08	
" Horta...	30.06	63	SSW	5	0	29.95	-11	63	62	0	SW	5	0	5	64	63	*	*	-		

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

7 A.M. YESTERDAY.

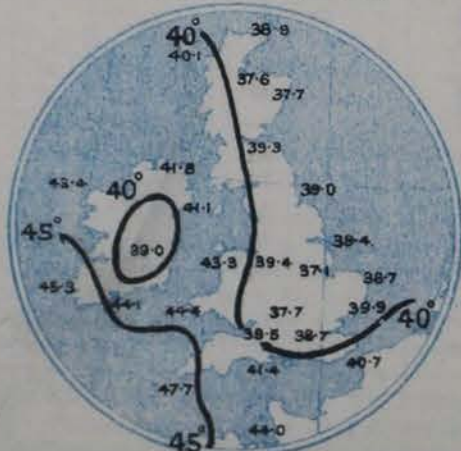


6 P.M. YESTERDAY



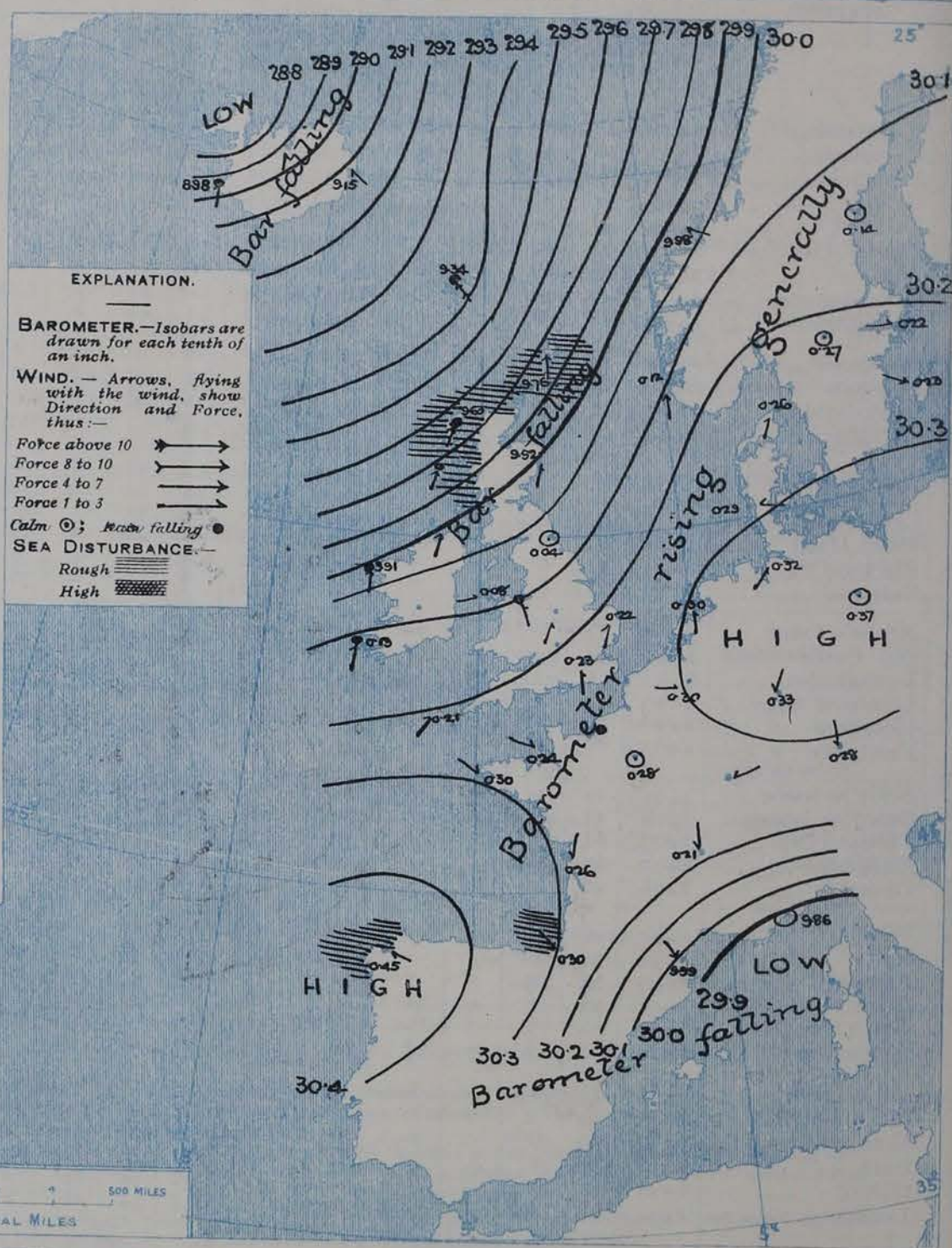
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE MONTH OF DECEMBER.

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



Sunday. WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

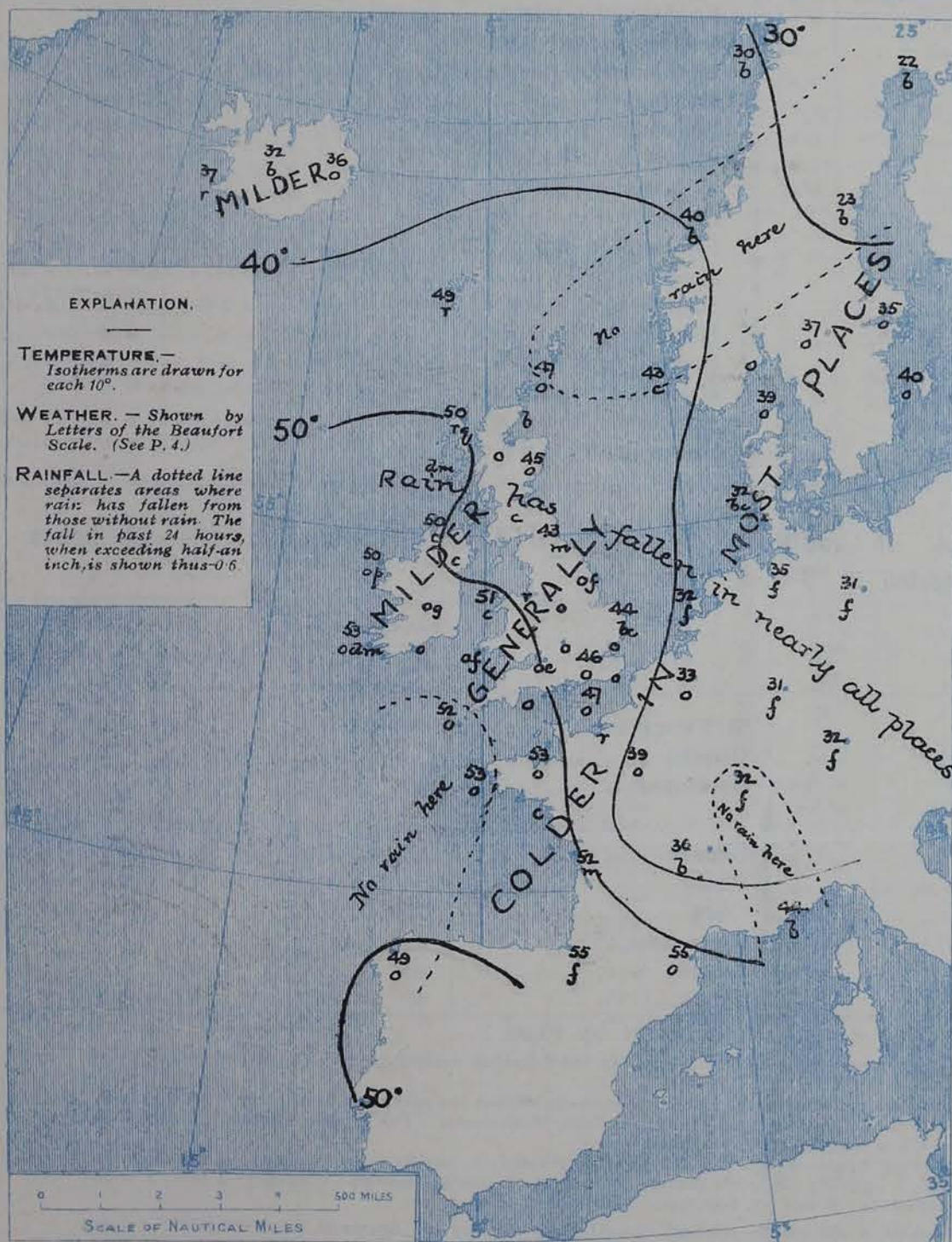
A rapid decrease of pressure has taken place over Iceland, the barometer having fallen to 28.4 ins. in the north-west. The change has been felt to some extent on our own north-western coasts. High pressure prevails from the middle region of the Atlantic to the western, central, and northern parts of the Continent, the barometer being above 30.4 ins. at Comuna and Oporto. The gradient is increasing between our northern districts and Iceland, elsewhere it remains slight.

S.E. to S.W. and W. winds are reported over the greater part of our area, mostly light in force, but blowing freshly at some of our north-western and northern coast stations, a high wind at Stromway, and a gale at the Færie. Temperature has risen over the British Isles, Western France, and Iceland, fallen elsewhere. At the home stations the values range from 43° at Shields and Harwich Head to 53° at Jersey and Valencia; in Scandinavia from 22° at Haparanda to 43° at Skudeanæs; over western Europe from 31° at Berlin and Frankfurt to 55° at Perpignan and Biarritz; in Iceland from 27° to 37°. Fine clear weather prevails over northern Scandinavia, elsewhere it is mostly very cloudy or overcast, with passing showers on our western coasts, at Harwich and in the Færie, fog at the German stations, and in the south-west of France. The sea is rough off the north of Scotland, Comuna, and Biarritz, moderate to smooth elsewhere.

CHARTS

20th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 50° and upwards at nearly all the western and southern stations to 55° at Roche's Point and 58° at Torquay. At many places the night minima were below 40°, at Naion 32°. Rain fell generally, but the amounts registered were all small. Yarmouth reports 4.8 hours of bright sunshine, Scarborough 2.8 hours, and Torquay 2.1 hours; all other places had none.

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

1

2

3

4

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7

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10

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.

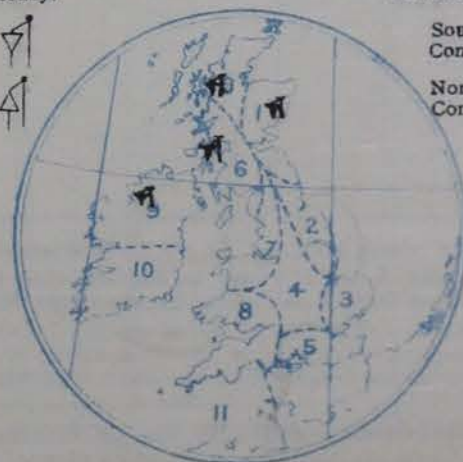
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



Sunday, 20th December 1908.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
	°	°		Hrs.	Ins.					Hrs.	Ins.
Dublin (City), to 4 p.m. ...	53	39	b. or fg. og	*	0.06	Brighton, to 6 p.m. ...			*		
Rossall Beach, to 6 p.m. ...	45	43	c. or m. od. or	*	0.05	Eastbourne, to 6 p.m. ...			*		
Blackpool, to 9 p.m. ...	46	43	od	0.0	0.06	Bexhill-on-Sea, to 9 p.m. ...	45	36	cl. me	0.0	0.05
Southport, to 9 p.m. ...	49	43	or. cm. od. o	0.0	0.08	Hastings	*	*	*	0.0	*
Rhyl, to 6 p.m.			*	0.0	0.06	Folkestone, to 6 p.m. ...	44	37	o	0.0	—
Colwyn Bay, to 6 p.m. ...	52	42	b. c	—	0.09	Ramsgate, to 6 p.m. ...	*	*	*	0.5	—
Llandudno, to 9 p.m. ...	51	42	o. or. or. o	0.0	0.02	Margate, to 6 p.m.	46	38	f	0.0	—
Bettws-y-Coed, to 6 p.m.					*	Felixstowe, to 6 p.m. ...	44	39		0.1	—
Towyn, to 6 p.m.	51	44	r. o. or. m	0.0	0.30	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	51	43	*	0.0	0.17	Skegness, to 6 p.m.	43	36	r. br. c	0.6	0.01
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	44	36	or. c	2.8	0.04
Torquay, to 6 p.m.	58	47	*	2.1	0.01	Harrogate, to 6 p.m. ...	43	34	br. d. o	0.0	0.02
Weymouth, to 6 p.m. ...	53	40	r. od. c	0.0	0.17	Buxton, to 6 p.m.	43	38	c. b. or. p. or. m	0.0	0.06
Bournemouth to 6 p.m. ...	50	37	o. d. r. f	0.0	0.19	Darwen, to 9 p.m.	45	38	br. or. m. od. or. m	0.0	0.11
Southsea, to 6 p.m.			*			Manchester, to 9 p.m. ...	45	42	c. or. or. od. or. m	0.0	0.14
Worthing, to 6 p.m. ...	45	36	o. r. o	0.0	0.16	Birmingham, to 9 p.m. ...	44	38	o. r. o	0.0	0.07

STATIONS. 195 Dec 1.....1908	TEMPERATURE F.		WEATHER	RAIN. — Ins.	STATIONS. 195 Dec 1.....1908.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.
	Max.	Min.				Max.	Min.		
Madeira	0	0			St. Petersburg	32	21	r . 0	—
Marseilles	54	41	b . b	—	Utrecht	43	37	r . 0	—
Malta	63	54	bc	0.04	Groningen	43	37	0 . r	0.04
Algiers	64	50	bc . c	0.12					
Tunis	61	43	0 . m	0.04	185 Dec 1.....1908.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Palermo	62	43	b . r	0.12	Geneva	43	*	r	0.08
Naples	45	48	0 . bc	0.16	Berne	39	*	r	0.12
Brindisi	56	38	bc . 0	—	Coire	36	*	r	—
Florence	52	44	0 . b	—	Castasegna... ..	39	*	r	0.24
Rome	55	41	b . b	—	Lugano	46	*	r	0.35
Vienna			0 . f	—	Davos... ..	32	*	s	—

(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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.

(c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.

(d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

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

[illegible]

20 th Feb ^y at Dec ^r 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth {	8.4 8.4	11.51 11.51	3.38 3.38
Greenwich {	8.5 8.5	11.58 11.58	3.51 3.51
Wick {	9.3 9.3	12.10 12.10	3.17 3.17
Valencia {	8.49 8.49	12.39 12.39	4.29 4.29

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the enquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

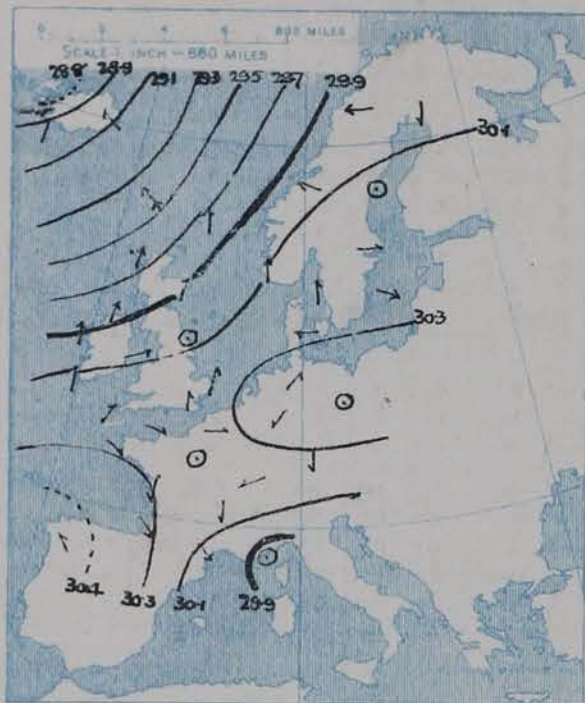
Monday,

21st December, 1908.

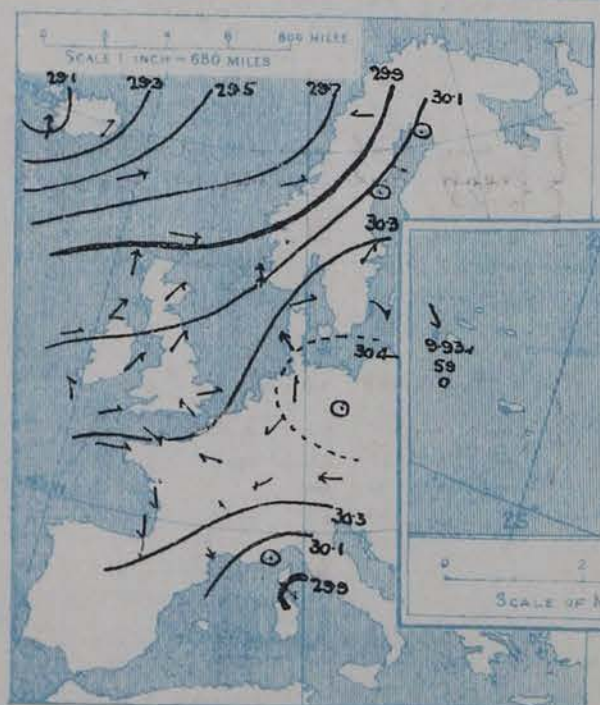
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	Weather.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9).	TEMP.		Weather.	Sun-shine.	Rainfall.	
		At 32° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).			At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).		Max.	Min.				
SCANDINAVIA.	Haparanda...	30.16	14	z	0	0	29.75	-0.33	32	31	+10	SW	4	0	*	32	12	*	*	-	
	Hernösand...	30.13	28	z	0	0	30.01	-0.13	35	34	+12	z	0	0	*	35	21	*	*	0.04	
	Stockholm...	30.33	37	SW	2	0	30.27	+0.05	37	35	+2	WSW	4	0	*	37	34	*	*	-	
	Wisby...	30.36	39	NW	2	0	30.38	+0.15	42	36	+2	W	4	0	*	42	36	*	*	-	
	Karlstad...	30.30	39	SSW	4	0	30.27	0.00	39	38	+2	SSW	2	0	*	*	*	*	*	0.04	
	Färder (X'iania Fjord)	30.24	41	S	2	0	30.21	-0.03	42	42	+7	W	2	f	2	42	34	*	*	-	
	Bodö...	29.76	34	E	4	0	29.67	-0.39	44	42	+14	SW	6	6	?	?	?	*	*	-	
	Christiansund...	29.78	46	WSW	1	0	30.02	+0.04	45	42	+5	WSW	6	6	4	46	40	*	*	0.08	
	Skudesnaes...	30.09	45	S	8	0	30.18	+0.06	45	?	+2	z	0	f	4	45	43	0, r	*	0.35	
	ICELAND & FAEROE.	Reykjavik...	29.06	36	S	4	0	28.98	0.00	38	*	+1	SE	8	0	*	*	*	*	*	*
Blönduos...		29.19	35	S	3	0	29.23	+0.48	39	*	+4	SSE	5	0	*	*	*	*	*	*	
Seydisfjord...		29.29	42	WSW	2	0	29.49	+0.34	37	*	+1	S	1	bc	*	*	*	*	*	*	
Thorshavn...		29.67	46	WSW	4	0	29.76	+0.42	46	*	-3	WSW	4	c	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.83	47	W	4	0	30.05	+0.29	45	45	-2	WSW	1	b	1	49	42	r, c	*	0.05	
	Stornoway...	29.98	45	S	4	0	29.94	+0.31	47	47	-3	SSW	6	bc	5	51	40	rep, bcq	0.8	0.19	
	Castlebay (Barra Id.)	30.02	49	W	3	0	29.97	+0.26	50	48	-1	SSE	4	0	4	52	48	bc, bc, bc	4.0	0.03	
	Malin Head...	30.08	48	SW	4	0	30.00	+0.22	45	45	-5	S	5	cm	3	51	43	bc, cm	*	-	
	Blacksod Pt. ...	30.09	48	WSW	3	0	29.98	+0.07	50	46	0	SW	6	cp	5	52	46	bc, bc, cm, cp	*	0.07	
	Valencia...	30.17	50	SSE	1	0	30.09	-0.04	52	52	-1	S	4	adm	5	54	49	bc, c, cm	8.7	0.06	
	Roche's Point...	30.21	49	W	1	0	30.18	+0.10	51	51	-1	SSW	3	f	3	55	48	adm, bc, f	*	0.06	
	Birr Castle...	30.17	44	z	0	0	30.12	+0.12	50	49	-3	S	3	0	*	53	40	c, p, o	1.5	0.01	
	Donaghadee...	30.17	49	WSW	2	0	30.18	+0.18	47	47	-2	SSW	3	0	2	53	39	c, odg	*	0.02	
	Liverpool Obsy...	30.20	49	SW	2	0	30.25	+0.14	45	45	-5	SE	2	b	1	53	42	o, bc, o	2.2	-	
	Holyhead...	30.18	51	WSW	2	0	30.23	+0.15	49	48	-2	SW	4	cm	3	52	44	o, cm	*	-	
	Pembroke (St. Ann's Hd.)	30.21	51	WSW	3	0	30.25	+0.11	51	51	0	S	4	fe	3	53	49	op, f	0.0	0.06	
	Scilly (St. Mary's)	30.25	52	WSW	2	0	30.27	+0.06	51	50	-1	SW	3	om	3	54	50	o, f	0.0	0.12	
	Jersey (St. Aubins)	30.31	50	NW	3	0	30.33	+0.09	48	48	-5	WNW	2	m	3	55	48	o, cm, od	0.0	0.06	
	Portland Bill...	30.26	52	W	1	0	30.30	+0.11	52	52	0	W	1	af	3	53	52	c	1.0	0.01	
	Dungeness...	30.27	47	SSW	3	0	30.33	+0.13	45	44	-2	S	4	0	4	48	43	c	0.0	-	
	Dover...	30.31	46	SSW	2	0	30.36	+0.12	43	42	-3	S	2	0	2	46	42	o	0.0	-	
	Wick...	29.98	46	SW	2	0	30.05	+0.29	44	42	-5	S	1	b	1	51	40	-	*	-	
	Nairn...	30.01	45	W	1	0	30.07	+0.28	38	37	-11	z	0	b	1	53	36	c, bc, b	0.5	0.03	
	Aberdeen...	30.04	46	WSW	2	0	30.14	+0.22	39	39	-6	SSW	2	0	2	52	36	o, c, bc	1.0	-	
	Leith...	30.07	51	WSW	2	0	30.16	+0.24	40	39	-10	z	0	b	*	54	36	cp, bc	*	0.02	
	North Shields...	30.13	50	SW	1	0	30.21	+0.17	41	40	-2	SSW	2	c	2	52	39	f, r	*	0.01	
	Spurn Head...	30.19	45	S	4	0	30.26	+0.13	44	44	+1	WSW	1	f	2	47	43	om, bc, f	*	0.01	
	Yarmouth...	30.29	45	WSW	2	0	30.34	+0.12	45	45	+1	SSE	2	cm	3	45	42	o, odp	0.0	0.03	
	Clacton-on-Sea...	30.29	45	SSE	3	0	30.35	+0.11	45	45	0	S	3	0	3	46	44	ogm, d, c	0.0	0.02	
	Nottingham...	30.21	49	SW	1	0	30.28	+0.14	48	48	+2	SW	1	om	*	50	44	o	8.2	0.02	
	Bath...	30.26	51	SW	1	0	30.32	+0.12	51	50	+1	SW	1	oe	*	53	49	-	0.8	0.01	
	Oxford...	30.30	49	SSW	2	0	30.35	+0.14	49	48	+3	S	2	og	*	50	45	o, od	*	0.06	
	London (St. James's Pk)	30.27	49	SE	2	0	30.32	+0.09	48	48	+2	S	2	ogme	*	50	46	c, og, odp	0.0	-	
	GERMANY, & C.	The Scaw (Skagen)	30.33	42	WSW	4	0	30.28	+0.02	41	40	+2	SW	5	m	1	43	36	*	*	0.04
Fanö...		30.37	37	SE	4	0	30.36	+0.07	40	39	+8	SW	4	0	*	41	32	*	*	-	
Cuxhaven†...		30.41	31	S	1	0	30.43	+0.11	26	98	-9	SW	2	f	*	36	25	fx	*	-	
The Helder...		30.37	37	S	3	0	30.39	+0.09	34	33	+2	S	3	0	2	39	32	*	*	-	
Brussels...		*	*	*	*	*	30.45	+0.15	48	40	+15	z	0	0	*	52	33	*	*	-	
Berlin†...		30.46	34	z	0	0	30.48	+0.11	34	94	+3	z	0	f	*	34	31	*	*	-	
Frankfurt†...		30.39	35	NE	3	0	30.41	+0.08	35	97	+4	NE	2	f	*	36	31	*	*	-	
Munich†...		30.35	32	E	4	0	30.40	+0.12	32	100	0	z	0	f	*	34	30	*	*	0.04	
FRANCE.	C. Gris Nez...	30.30	43	S	3	0	30.31	+0.09	38	37	-5	SSE	1	0	2	48	37	*	*	-	
	La Hève...	30.32	45	SSE	3	0	30.38	+0.12	43	41	-1	SSE	3	0	2	48	39	*	*	-	
	Brest...	30.34	53	W	2	0	30.36	+0.06	51	51	-2	WNW	1	0	5	54	50	*	*	0.12	
	Lorient...	30.29	52	W	2	0	30.34	+0.07	50	50	-1	z	0	f	2	54	48	*	*	-	
	Rochefort...	30.32	51	NW	3	0	30.36	+0.10	45	45	-7	z	0	0	2	55	43	*	*	-	
	Biarritz...	30.34	54	N	2	0	30.32	+0.02	52	51	-3	z	0	0	4	57	50	*	*	0.20	
	Paris...	30.38	35	ESE	2	0	30.42	+0.14	33	32	-6	SE	2	0	*	42	33	*	*	-	
	Belfort...	30.26	35	ENE	2	0	30.33	+0.09	34	34	+2	ENE	4	f	*	45	30	*	*	-	
	Lyons...	30.31	35	NW	2	0	30.36	+0.15	33	32	-3	NW	1	0	2	52	43	*	*	0.04	
	Nice...	29.97	?	z	0	0	30.05	+0.19	48	40	+4	z	0	b	*	56	46	*	*	-	
SPANISH PENIN.	Perpignan...	30.18	50	NW	4	0	30.14	+0.15	48	40	-7	NW	5	6	*	57	46	*	*	-	
	Sanguinaire...	29.87	?	NW	3	0	29.83	?	54	50	?	NE	3	m	3	57	46	*	*	-	
	Corunna...													*			*	*	-		
SPANISH PENIN.	Lisbon...													*			*	*	-		
	Azores (P. Delgada)...													*			*	*	-		
	„ Horta...	29.90	63	SSW	5	0	29.93	-0.02	59	57	-4	NNW	3	0	4	64	59	*	*	-	

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 DECEMBER.

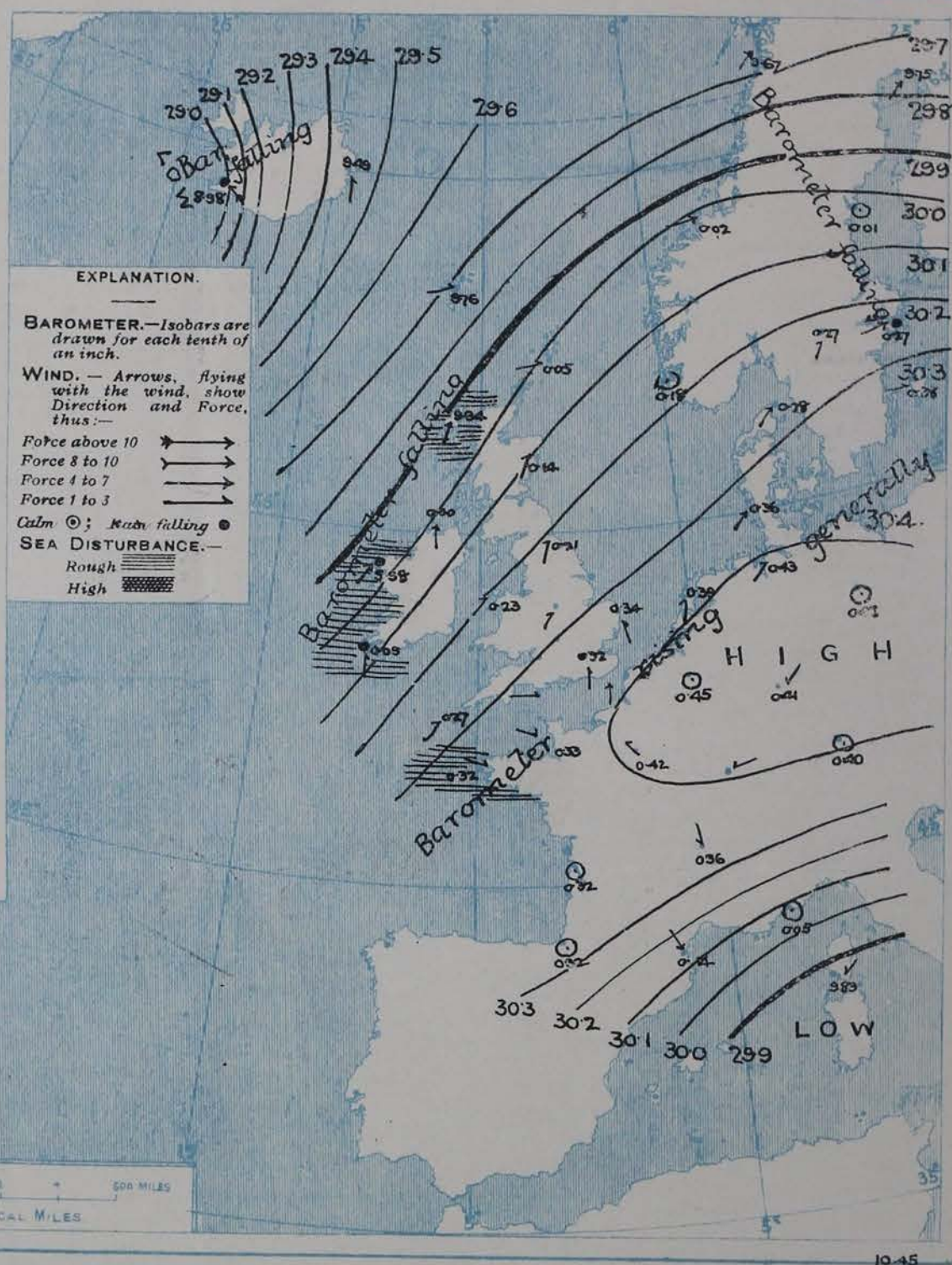
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Monday,

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

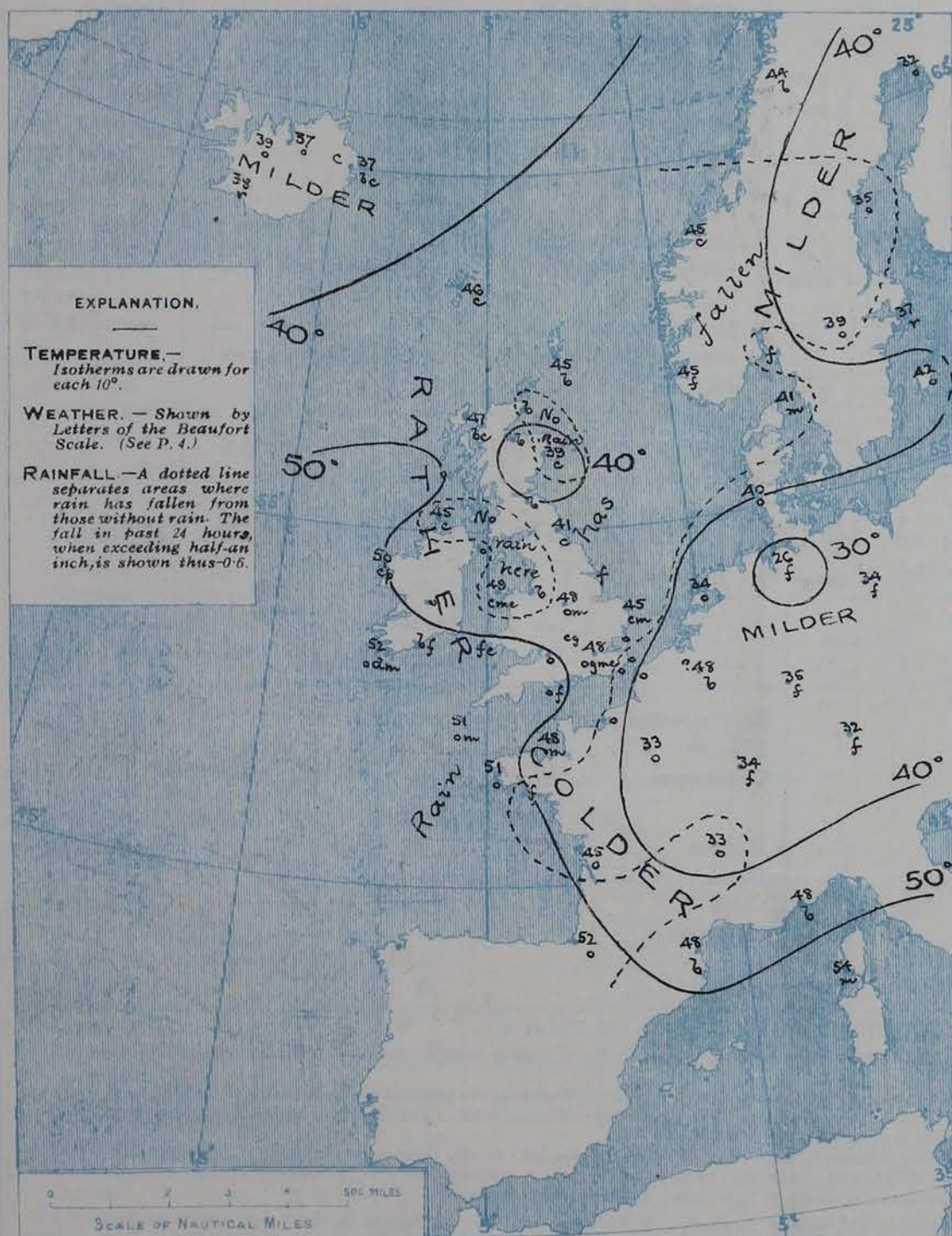
A large anticyclone now lies over England, the North Sea, and the western and central parts of the Continent, the highest pressures being found over Belgium and Germany. A deep depression is approaching Iceland from the westward, and is occasioning a fall of the barometer in that island and also along our own extreme western coasts. In most other parts of our area the mercury is at present rising.

Southerly or South Westerly winds are prevalent over North-Western Europe generally, and blow strongly on our own extreme north-west coasts, and also on the west coasts of Norway. In Iceland the wind has backed to the southward or south-eastward, and at Reykjavik it has increased to a gale. Temperature remains high in all the more western and southern parts of the United Kingdom, the morning readings at some of the coast stations being slightly above 50°. Over north Britain the thermometer has fallen, and in eastern and central Scotland it is now below 40°. In Scotland, Germany and central France the readings are very little above the freezing point. The weather is fine at most of our own northern stations, but is cloudy or dull over Western Europe generally, with fog or mist in several places. Rain is falling on the west coast of Ireland, and also at Reykjavik and Stockholm. The sea is slight or smooth generally, but rather rough off the west of Ireland, and in the Channel.

CHARTS

21st December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to 50° and upwards in most parts of the United Kingdom, to 55° at several of our western stations, and to 56° at Rhyl. The amount of bright sunshine was generally small (at many of our eastern and southern stations there was none) but at Castlebay and Valencia about 4 hours were registered. Slight rain has fallen over a large portion of the country.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

Over the eastern and southern parts of England the weather is likely to remain for the present under the influence of the Continental anticyclone, and will probably become somewhat colder and drier, but with mist or fog in places. On our western and extreme northern coasts the conditions will still be affected by depressions moving over the Atlantic. The southerly wind will become strong in force, and rain will be experienced in most parts of Ireland and Scotland.

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^{ly} and S.W. winds, strong, to a gale in places; fair at first, some rain later; milder.
- 1 { S^{ly} and S.W. winds, light or moderate; fair at first, rain in places later; rather milder.
- 2 { S^{ly} or S.W. winds, light; fair generally, with a normal temperature.
- 3 { S^{ly} or S.W. winds, light; dull,
- 4 { some mist or fog; rather colder.
- 5 { }
- 6 { S^{ly} and S.W. winds, strong, a gale in places; mild; unsettled; some rain.
- 7 { S^{ly} and S.W. winds, moderate or fresh; dull, misty or foggy; mild.
- 8 { }
- 9 { S^{ly} and S.W. winds, strong in places; dull, misty; some rain; mild.
- 10 { }

11 WESTERN CHANNEL AND BAY.

Moderate S^{ly} and S.W. winds, with mild, dull, misty weather. Sea moderate mouth of Channel, rather rough 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.

North Cone.

South Cone.

North Cone.



TEMPERATURE, WEATHER, SUNSHINE AND RAINFALL FOR YESTERDAY.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
				Hrs.	Ins.					Hrs.	Ins.
Dublin (City), to 4 p.m....	55	49	o, bc, b	*	-	Brighton, to 6 p.m. ...	49	43	*	0.0	0.12
Rossall Beach, to 6 p.m....	50	43	cm, om	*	0.11	Eastbourne, to 6 p.m. ...	48	45	*	0.0	0.11
Blackpool, to 9 p.m. ...	51	44	o, r, o	0.0	0.07	Bexhill-on-Sea, to 9 p.m.	48	42	r, ce	0.0	0.02
Southport, to 9 p.m. ...	51	46	or, o, bc	-	0.05	Hastings	*	*	*	0.0	*
Rhyl, to 6 p.m.	56	48	*	2.1	-	Folkestone, to 6 p.m. ...	46	42	o, ce	0.0	0.01
Colwyn Bay, to 6 p.m. ...	55	49	bc, b	2.0	-	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Llandudno, to 9 p.m. ...	53	48	or, c, bc	1.8	-	Margate, to 6 p.m. ...	47	42	f, o	0.0	-
Bettws-y-Coed, to 6 p.m.					*	Felixstowe, to 6 p.m. ...					
Towyn, to 6 p.m.	51	48	d, om, r	0.0	0.03	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	51	45	*	0.0	0.05	Skegness, to 6 p.m....	46	42	r, m	0.0	0.05
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	48	42		0.5	0.08
Torquay, to 6 p.m....	55	47	*	0.3	-	Harrogate, to 6 p.m. ...	50	41	o, c, od	0.0	0.01
Weymouth, to 6 p.m. ...	53	48	bc, m	1.0	-	Buxton, to 6 p.m. ...	49	43	om, od, o	0.0	0.03
Bournemouth to 6 p.m. ...	52	44	o, c, b	0.5	0.12	Darwen, to 9 p.m. ...					
Southsea, to 6 p.m....	51	42	*	0.0	0.07	Manchester, to 9 p.m. ...	52	49	odf, op	0.2	0.17
Worthing, to 6 p.m. ...	50	44	m m	0.0	0.14	Birmingham, to 9 p.m....	49	44	c, o	0.5	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 20th Dec. 1908	TEMPERATURE F.		WEATHER	RAIN. Ins.	STATIONS. 20th Dec. 1908	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira ... observations not recd.					St. Petersburg				
Marseilles					Utrecht				
Malta					Groningen				
Algiers									
Tunis									
Palermo									
Naples									
Brindisi									
Florence									
Rome									
Vienna									

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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

WIRELESS TELEGRAMS FROM SHIPS OF H.M. NAVY.

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

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Disturbance.
	Lat.	Long.		Direc.	Force.		Air.	Wet Bulb.	Sea.	
			Ins.				Dry Bulb.			

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

21st & 22nd Dec. 1908.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth		8.4	11.51	3.38
Greenwich		8.5	11.52	3.39
Wick		8.5	11.58	3.51
Valencia		8.6	11.59	3.52
		9.3	12.10	3.17
		9.4	12.11	3.18
		8.49	12.39	4.29
		8.50	12.40	4.30

TERMS OF SUBSCRIPTION for the Daily Weather Report, forwarded by Book Post, £1 per annum, payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the enquiry and reply Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (Director.)

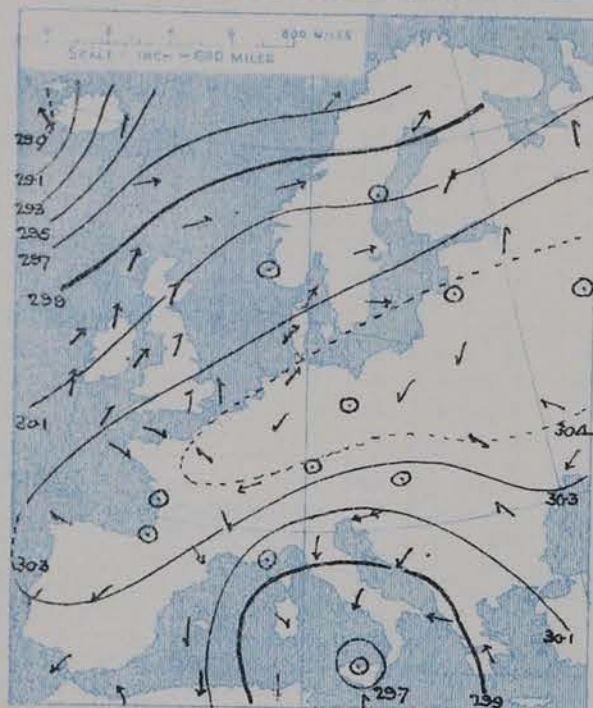
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday,
22nd December 1908.

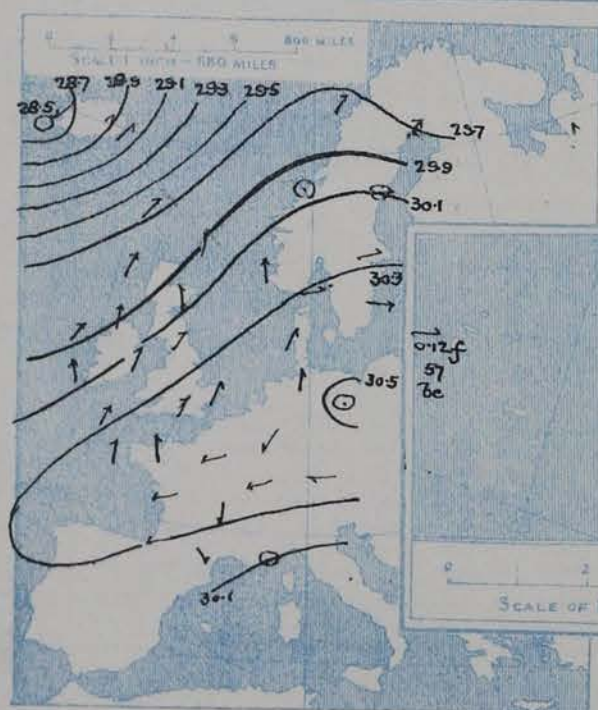
		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.	Wind.								Temp.				
STATIONS.		At 82° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Sun-shine.	Rainfall.
		Ins.					Ins.	Ins.												Hours.	Ins.
SCANDINAVIA.	Haparanda...	29.68	34	SW	6	b	29.89	+0.14	30	28	-2	N	2	bc	*		34	14	*	*	-
	Hernösand...	30.10	32	z	0	b	30.05	+0.04	33	31	-2	z	0	c	*		35	27	*	*	-
	Stockholm...	30.30	38	WSW	2	c	30.25	-0.02	39	39	+2	WSW	4	o	*		39	36	*	*	0.04
	Wishby...	30.36	39	W	4	o	30.35	-0.03	40	38	-2	SW	4	o	*		*	*	*	*	-
	Karlstad...	30.32	40	SW	2	o	30.26	-0.01	43	42	+4	SW	2	o	*		*	*	*	*	-
	Færder (X'tania Fjord)	30.29	36	SW	1	f	30.23	+0.02	43	42	+1	W	3	o	2		43	36	*	*	-
	Bodö...	29.80	42	SW	7	c	29.77	+0.10	39	39	-5	E	4	r	1		44	37	*	*	0.32
	Christiansund...	30.03	44	z	0	o	29.86	-0.16	51	46	+6	z	0	c	4		52	43	*	*	-
	Skudesnaes...	30.23	45	SSE	4	o	30.18	-0.05	45	45	0	S	6	o	5		45	43	f, o	*	-
ICELAND & FAEROE.	Reykjavik...	28.49	39	NE	3	r	29.08	+0.10	37	*	-1	S	3	b	*		*	*	*	*	*
	Blönduós...	28.66	41	E	1	o	29.05	-0.18	32	*	-7	W	6	s	*		*	*	*	*	*
	Seydisfjörður...	28.93	43	SW	2	r	28.93	-0.56	46	*	+9	SW	4	b	*		*	*	*	*	*
	Thorshavn...	29.57	50	SW	7	o	29.68	-0.08	45	*	-1	WSW	5	bc	*		*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	29.93	47	S	3	c	29.94	-0.11	47	47	+2	W	1	o	2		48	43	c	*	0.35
	Stornoway...	29.81	50	SSW	7	r	29.94	-0.00	41	41	-6	SE	2	bc	3		51	41	c, opq, ad, ben	0.0	0.22
	Castlebay (Barra Id.)	29.87	51	SSW	5	rm	29.92	-0.05	48	46	-2	ESE	2	odp	3		52	46	omd, op	0.0	0.18
	Malin Head	29.91	52	S	5	opmg	29.89	-0.11	50	50	+5	S	3	rm	2		52	44	cmg, op, rm	*	0.23
	Blacksod Pt.	29.90	52	SW	5	rm	29.84	-0.14	51	50	+1	SW	5	rm	4		53	47	om	*	1.06
	Valencia...	30.01	53	SSE	5	og	29.92	-0.17	52	51	0	S	4	rg	5		54	52	ogm, og	0.0	0.56
	Roche's Point...	30.13	51	S	4	odf	30.04	-0.14	51	51	0	SW	6	o	6		52	50	fa, om	*	0.11
	Birr Castle	30.06	53	S	3	o	29.98	-0.14	52	51	+2	S	2	o	*		54	48	og, r	0.0	0.12
	Donaghadee...	30.09	51	SSW	3	o	30.04	-0.14	50	50	+3	SSW	2	o	2		51	45	bc, or	*	0.06
	Liverpool Obsy...	30.23	48	SE	2	bc	30.19	-0.06	48	47	+3	WSW	2	o	2		51	45	b, bc	4.1	0.01
	Holyhead...	30.18	51	SSW	3	odfg	30.12	-0.11	50	50	+1	SW	5	om	4		51	48	r, dfg	*	0.04
	Pembroke	30.22	50	S	5	o	30.15	-0.10	50	49	-1	S	5	opu	5		52	48	f, o	0.0	0.06
	(St. Ann's Hd.)																				
	Scilly (St. Mary's)	30.22	51	SSW	4	o	30.15	-0.12	50	49	-1	SSW	5	o	3		53	49	o	0.3	0.03
	Jersey (St. Aubins)	30.33	50	SSE	3	o	30.32	-0.01	43	42	-5	SE	3	o	3		52	42	of, adm, o	0.0	0.02
	Portland Bill	30.31	51	SSW	2	o	30.27	-0.03	50	49	-2	S	3	o	3		54	50	b, o	2.1	0.13
	Dungeness...	30.34	43	SE	4	m	30.32	-0.01	41	39	-4	S	3	o	3		46	38	o, c	0.0	-
	Dover...	30.38	41	SW	1	o	30.35	-0.01	39	38	-4	S	1	o	2		48	36	o	0.0	-
	Wick...	29.92	50	S	2	bc	29.99	-0.06	46	46	+2	S	1	r	2		51	42	-	*	0.15
	Nairn...	29.95	51	W	1	c	29.96	-0.11	46	46	+8	z	0	o	1		53	34	b, bc, c, o	0.4	0.01
	Aberdeen...	30.07	46	SSE	2	o	30.03	-0.11	50	49	+11	SSW	3	o	2		51	38	bc, c, o	0.3	-
	Leith...	30.08	50	S	2	c	30.03	-0.13	52	49	+12	SSW	3	c	*		54	37	bc, c, og	*	-
	North Shields	30.19	42	SW	2	m	30.14	-0.07	48	47	+7	S	2	o	2		48	38	cm, m	*	-
	Spurn Head...	30.26	46	SSW	2	b	30.24	-0.02	45	45	+1	S	4	f	2		47	44	om, b, f	*	-
	Yarmouth...	30.36	45	SSW	2	om	30.34	-0.00	38	37	-7	S	2	bc	3		46	38	o, om	0.0	-
	Clacton-on-Sea	30.36	44	S	3	o	30.34	-0.01	39	38	-6	SSE	3	bc	2		45	38	ogme, bc	0.0	-
	Nottingham...	30.28	51	SSW	3	c	30.25	-0.03	49	48	+1	SSW	1	d	*		53	48	cm, c	0.0	-
	Bath...	30.31	51	SW	1	o	30.27	-0.05	50	49	-1	SW	1	oe	*		56	48	-	2.8	0.05
	Oxford...	30.33	49	SSE	2	o	30.30	-0.05	47	46	-2	SSE	2	odgm	*		52	46	od, rg, odg	*	0.02
	London (St. James' & PK)	30.34	49	SSW	2	oge	30.31	-0.01	44	42	-4	SSW	1	o	*		50	43	ome, og, oge	0.0	-
GERMANY, &c.	The Scaw (Skagen)	30.34	44	WSW	3	f	30.33	+0.05	44	43	+3	WSW	4	m	1		45	39	*	*	-
	Fanö...	30.42	40	SSW	2	bc	30.42	+0.06	36	36	-4	SSW	4	bc	*		41	36	*	*	-
	Cuxhaven†...	30.47	29	S	2	f	30.47	+0.04	30	100	+4	S	1	o	*		34	26	*	*	-
	The Helder...	30.44	31	S	2	f	30.43	+0.04	28	28	-6	S	2	f	*		36	27	*	*	-
	Brussels...	*	*	*	*	*	30.41	-0.04	31	31	0	SE	1	f	*		32	29	*	*	-
	Berlin†...	30.51	37	z	0	f	30.50	+0.02	36	93	+2	NE	2	f	*		39	34	*	*	-
	Frankfurt†...	30.43	37	NE	3	o	30.43	+0.02	39	97	+4	E	2	o	*		39	35	*	*	0.04
	Munich†...	30.41	33	E	4	o	30.41	+0.01	31	98	-1	E	4	o	*		34	30	*	*	-
FRANCE.	C. Gris Nez...	30.37	39	S	1	m	30.34	?	32	30	-6	S	3	f	2		41	32	*	*	-
	La Hève...	30.38	38	SE	3	f	30.37	-0.01	35	34	-8	SE	3	m	3		43	32	*	*	-
	Brest...	30.26	52	S	1	o	30.25	-0.11	49	48	-2	SE	4	o	3		54	46	*	*	0.04
	Lorient...	30.30	51	SE	1	m	30.28	-0.06	37	37	-13	ESE	4	f	5		54	36	*	*	-
	Rochefort...	30.34	42	ENE	3	o	30.27	-0.09	36	35	-9	NNE	3	bc	*		52	32	b, o	*	-
	Biarritz...	30.30	50	ENE	2	b	30.22	-0.10	43	41	-9	z	10	b	2		52	39	*	*	-
	Paris...	30.42	34	ENE	1	o	30.37	-0.05	34	34	+1	NE	1	o	*		37	32	*	*	-
	Belfort...	30.34	33	ENE	5	f	30.31	-0.02	34	34	0	ENE	4	f	*		37	32	*	*	-
	Lyons...	30.35	35	N	1	o	30.32	-0.04	35	35	+2	N	1	o	3		36	33	*	*	-
	Nice...	30.10	51	z	0	b	30.13	+0.08	50	41	+2	z	0	b	3		57	45	*	*	-
SPANISH PENIN.	Perpignan...	30.17	50	NW	3	b	30.21	+0.07	34	32	-14	SW	2	b	*		56	32	*	*	-
	Sanguinaire...	?	54	SSE	3	b	?	?	52	49	-2	SE	3	m	3		57	50	*	*	-
	Corunna...																				-
	Lisbon...																				-
	Azores (P. Delgada)...																				-
	" Horta...	30.13	57	z	0	o	30.12	+0.19	57	54	-2	W	1	bc	3		64	54	*	*	-

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

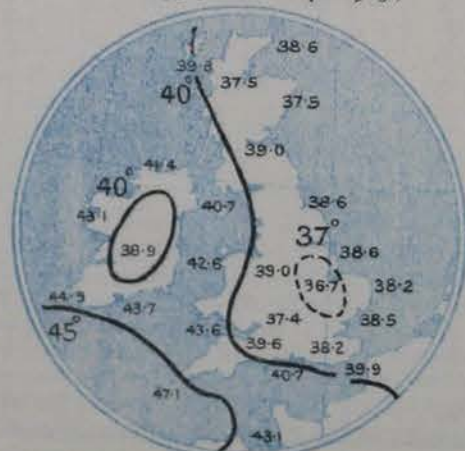
7 A.M. YESTERDAY.



6 P.M. YESTERDAY

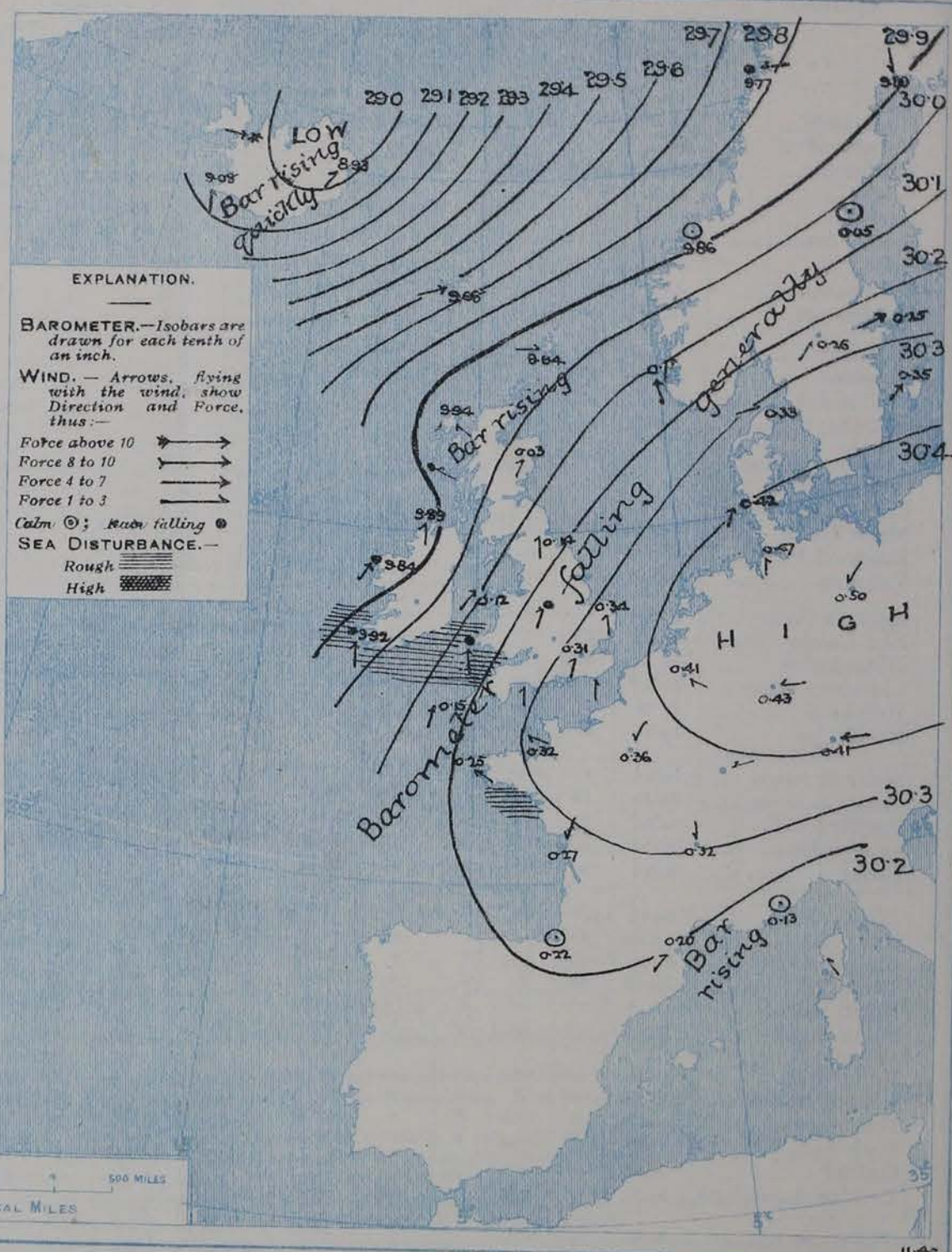


AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Tuesday, WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

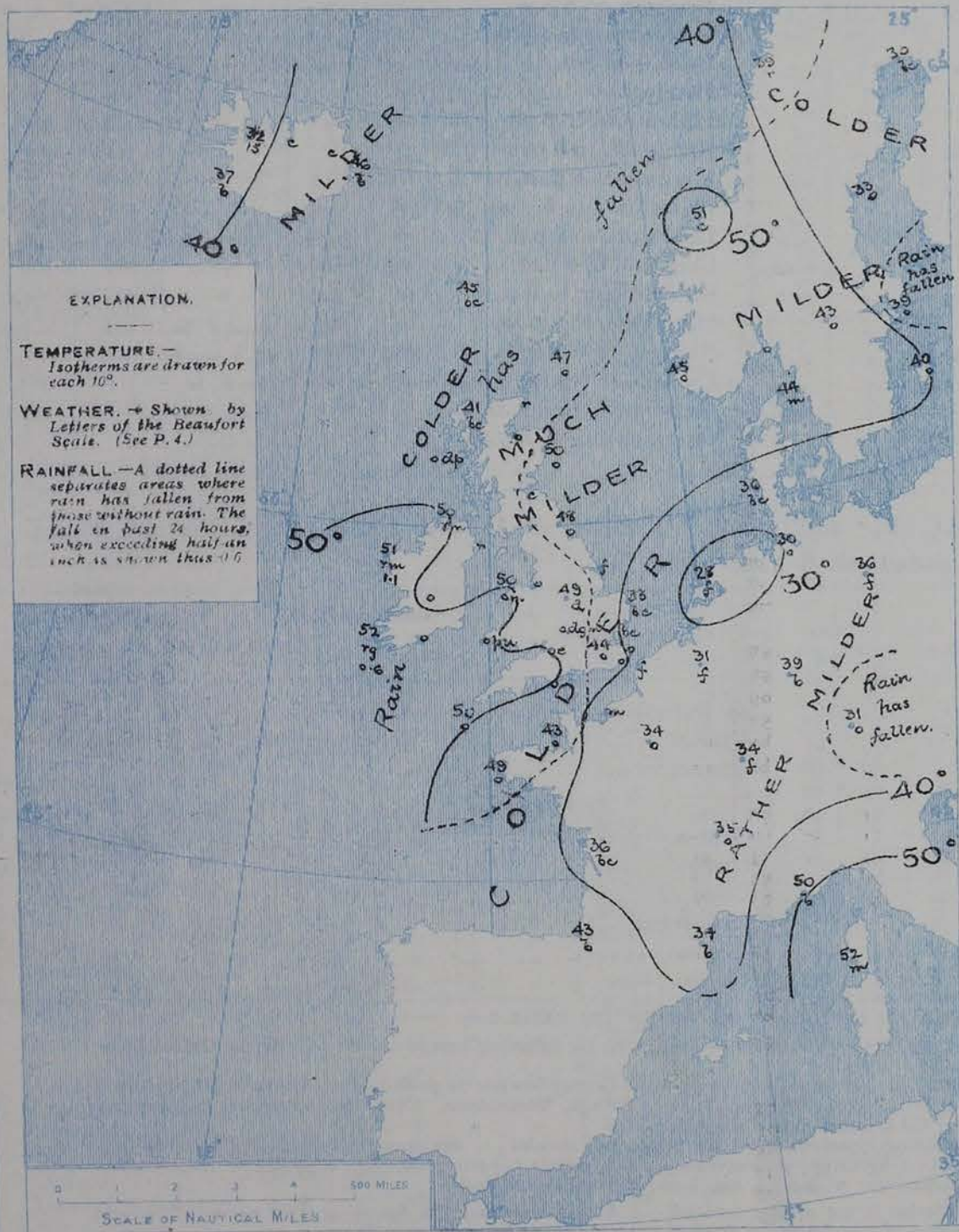
A large anticyclone still extends from the Continent over the greater part of England, but the barometer is falling slightly at all but our extreme northern stations. A deep depression is passing across Iceland, and a small secondary disturbance is shown off our own extreme north-west coasts. Between Iceland and the Faeröe Islands the barometric gradient for South-Westerly winds is steep.

Southerly or South-Westerly breezes are still reported over the United Kingdom generally, but in the Hebrides the wind has backed to the south-eastward. Light breezes from some Easterly point are blowing in France and Germany, in Denmark and the south of Scandinavia the wind is South-Westerly or Westerly. Temperature has fallen somewhat over France and the south and east of England, and is now below 40° on our east and south-east coasts. In all the more western and northern parts of the United Kingdom the thermometer remains very high, the readings being slightly above 50° in several places. Slight frost prevails in Belgium and south Germany, and also in the north of Sweden. The weather remains cloudy or overcast over North-Western Europe generally, and rain is falling at several of our own western and extreme northern stations, as well as at Bodö. In the south of France the weather is fine and bright. The sea is slight or smooth generally, but rather rough on our south-west coasts.

CHARTS

22nd December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer rose to 50° and upwards in nearly all parts of the United Kingdom, to 55° at Rhyll and to 56° at Bath, Heymouth and Dublin. Over a large portion of England and Ireland there was an entire absence of bright sunshine, but in North Wales and at Liverpool the duration exceeded four hours. Rain has fallen at all our western and extreme northern stations, heavily in the west of Ireland.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

There are at present no indications of any material change in the general conditions. In the south and east of England the weather will remain under the influence of the Continental anticyclone, and will therefore be mostly fair, with a lower temperature than of late. In all our more western and northern districts the conditions will be affected by depressions moving over the Atlantic, and causing mild southerly winds and occasional rain.

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^{ly} winds, light or moderate; mild and cloudy, with occasional slight rain.
- 1 }
- 2 }
- 3 }
- 4 } S^{ly} and S.E.^{ly} winds, light; fair generally, but cloudy in places. Rather colder.
- 5 }
- 6 } S^{ly} and S.E.^{ly} winds, fresh; mild; dull, some rain.
- 7 }
- 8 } S^{ly} winds, fresh or strong in places; mild and cloudy, with occasional rain.
- 9 }
- 10 }

WESTERN CHANNEL AND BAY

Fresh S^{ly} and S.E.^{ly} winds, with cloudy weather, some rain, and a rather rough sea.

FORECAST DISTRICTS.

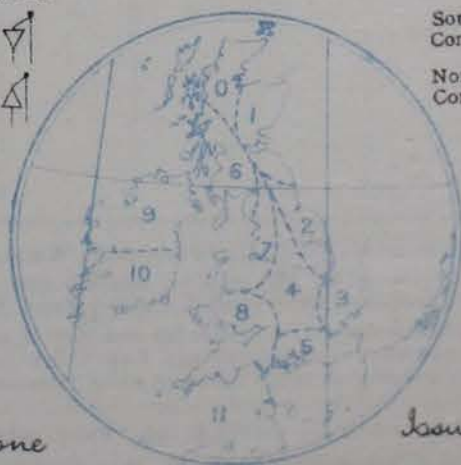
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South
Cone.
North
Cone.

South
Cone.
North
Cone.



DAILY WEATHER REPORT.

Tuesday, 22nd December 1908.

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.			
Dublin (City), to 4 p.m....	56	36	bf, z, c	*	-	Brighton, to 6 p.m. ...	49	47	*	0.0	0.01
Rossall Beach, to 6 p.m....				*	-	Eastbourne, to 6 p.m. ...	51	45	*	0.0	-
Blackpool, to 9 p.m. ...	51	43	cm, o	0.2	-	Bexhill-on-Sea, to 9 p.m.	49	46	c	0.0	-
Southport, to 9 p.m. ...				1.7	-	Hastings	*	*	*	0.0	*
Rhyl, to 6 p.m.	55	43	*	4.2	-	Folkestone, to 6 p.m. ...	47	41	o	0.0	-
Colwyn Bay, to 6 p.m. ...	53	46	b, bc	4.3	-	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Llandudno, to 9 p.m. ...	54	41	o, bc, o	4.4	-	Margate, to 6 p.m. ...	45	43	m	0.0	-
Bettws-y-Coed, to 6 p.m.	53	47	c, bc, b, c	1.2	*	Felixstowe, to 6 p.m. ...	45	44		0.0	0.02
Towyn, to 6 p.m.	52	49	r, o	-	0.11	Lowestoft, to 6 p.m. ...	46	44	om, o	0.0	-
Aberystwyth, to 6 p.m....	54	47	*	0.0	0.05	Skegness, to 6 p.m....	47	45	f	0.0	-
Plymouth, to 9 p.m. ...	53	50	df, cv	0.0	0.12	Scarborough, to 9 p.m. ...	50	42	o	0.0	0.02
Torquay, to 6 p.m....	54	48	*	0.3	-	Harrogate, to 6 p.m. ...	49	37	odm, f, bc	0.3	0.04
Weymouth, to 6 p.m. ...	56	50	me, c, bc	2.1	0.01	Buxton, to 6 p.m. ...	50	44	or, b, m, cd	0.0	0.06
Bournemouth to 6 p.m. ...	52	47	m, o	0.0	0.04	Darwen, to 9 p.m. ...	49	42	omd, bc	1.5	0.01
Southsea, to 6 p.m....	52	39	*	0.0	0.05	Manchester, to 9 p.m. ...	53	49	op, o, c, o	0.8	0.01
Worthing, to 6 p.m. ...	50	45	o	0.0	-	Birmingham, to 9 p.m....					

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 21st Dec. 1908	TEMPERATURE F.		WEATHER	RAIN. Ins.	STATIONS. 21st Dec. 1908	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira	66	54	b, o	-	St. Petersburg	28	23	s, o	-
Marseilles	52	30	b, ?	-	Utrecht	39	28	f, f	-
Malta	59	50	o	0.28	Groningen	37	28	f, f	-
Algiers	59	48	c, bc	0.20					
Tunis	55	45	r, c	0.95	Geneva	1.80 p.m.		1.80 p.m.	Measured 7.30 a.m.
Palermo	60	33	b, o	-	Berne	*			
Naples	55	50	bc, o	-	Coire	*			
Brindisi	57	37	b, o	0.55	Castasegna	*			
Florence	50	44	b, o	-	Lugano	*			
Rome	53	50	o, o	-	Davos	*			
Vienna	37	34	o, 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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) 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.
- * AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

WIRELESS TELEGRAMS FROM SHIPS OF H.M. NAVY.

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

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

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis-turb-ance.	22nd 23rd Dec. 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
	Lat.	Long.		Dirac.	Force.		Air.	Dry Bulb.	Wet Bulb.	Sea.				
	°	°	Ins.					°	°	°				
											Yarmouth	8.5	11.52	3.39
											Greenwich	8.5	11.52	3.39
											Wick	8.6	11.59	3.52
											Valencia	8.6	11.59	3.52
												9.4	12.11	3.18
												9.4	12.11	3.18
												2.50	12.40	4.30
												8.50	12.40	4.30

TERMS OF SUBSCRIPTION for the Daily Weather Report, forwarded by Book Post, £1 per annum, payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the enquiry and reply Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (Director.)

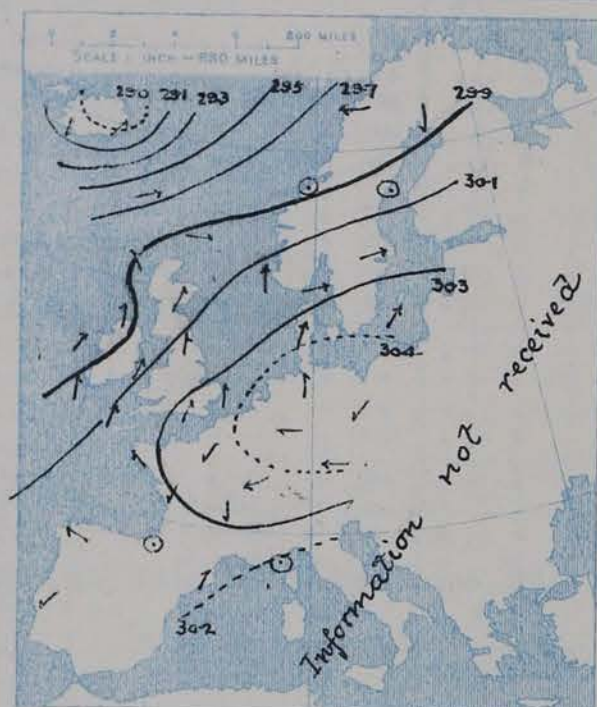
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday,
23rd December, 1908.

STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9).	Weather.	TEMP.		Weather.	Sun-shine.	Rainfall.	
		At 32° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).		At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Direc.	Force (0 to 12).			Max.	Min.				
SCANDINAVIA.	Haparanda...	29.76	34	SW	2	b	29.80	-0.09	30	30	0	WNW	2	0	*	36	25	*	*	0.08	
	Hernösand...	30.01	30	z	0	o	29.92	-0.13	33	31	0	z	0	0	*	36	28	*	*	-	
	Stockholm...	30.18	43	W	4	o	30.17	-0.08	38	37	-1	W	6	0	*	43	37	*	*	-	
	Wisby...	30.32	40	W	6	bc	30.30	-0.05	37	34	-3	WNW	6	0	*	41	36	*	*	-	
	Karlstad...	30.25	41	SSW	4	o	30.22	-0.04	38	37	-5	WSW	4	0	*	*	*	*	*	-	
	Färder (X'iania Fjord)	30.23	43	WSW	6	o	30.17	-0.06	42	40	-1	WSW	6	0	3	45	39	*	*	-	
	Bodö...	29.78	43	SW	5	o	29.73	-0.04	41	39	+2	ESE	1	0	1	43	37	*	*	0.79	
	Christiansund	30.00	46	z	0	f	29.81	-0.05	46	44	-5	z	0	0	4	51	45	*	*	0.12	
Skudesnaes	30.17	45	SSE	6	f	30.07	-0.11	45	45	0	S	6	0	5	48	43	f	*	0.16		
ICELAND & FAEROE.	Reykjavik...	29.39	35	WNW	3	c	29.39	+0.31	35	*	-2	E	7	0	*	*	*	*	*	*	
	Blönduós...	29.43	30	z	0	o	29.65	+0.60	23	*	-9	z	0	0	*	*	*	*	*	*	
	Seydisfjord...	29.36	41	W	6	b	29.75	+0.82	39	*	-7	WSW	3	0	*	*	*	*	*	*	
	Thorshavn...	29.78	44	W	3	c	29.93	+0.25	43	*	-2	z	0	0	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.86	45	NE	2	r	29.97	+0.03	44	43	-3	WNW	1	0	b	48	41	r	*	0.35	
	Stornoway...	29.83	42	NW	4	rm	30.06	+0.12	36	36	-5	z	0	0	4	44	35	c, adm, w, b	0.0	0.88	
	Castlebay (Barra Id.)	29.80	42	NW	4	rm	30.03	+0.11	43	41	-5	ESE	2	0	3	48	39	op, rm, o, bc	0.0	0.95	
	Malin Head...	29.76	50	SSW	4	omv	30.02	+0.13	42	42	-8	E	1	0	2	52	40	omp, bc	*	0.10	
	Blacksod Pt. ...	29.89	47	W	5	rm	29.97	+0.13	43	42	-8	SE	3	0	3	54	39	or, bc	*	0.63	
	Valencia...	29.97	49	NW	3	c	29.95	+0.03	45	43	-7	E	3	0	4	55	41	rg, omv	0.0	0.65	
	Roche's Point...	29.97	52	SW	6	d	30.03	-0.01	42	41	-9	E	1	0	4	52	41	od, o	*	0.40	
	Birr Castle...	29.90	52	S	3	r	30.01	+0.03	45	44	-7	SSE	1	0	*	53	43	or	0.0	0.11	
	Donaghadee...	29.94	51	SSW	4	o	30.08	+0.04	44	43	-6	SSW	1	0	1	51	42	og, c, omp	*	0.11	
	Liverpool Obsy...	30.13	48	SE	3	o	30.12	-0.07	45	44	-3	SE	3	0	2	51	45	o	0.0	0.03	
	Holyhead...	30.05	50	SSW	6	ogdpm	30.07	-0.05	50	50	0	SW	4	0	3	51	48	c, ogmpd	*	0.31	
	Pembroke	30.09	51	S	6	o	30.06	-0.09	50	50	0	S	6	0	5	52	49	o, g, o	0.1	0.10	
	(St. Ann's Hd.)																				
	Scilly (St. Mary's)	30.11	52	S	5	o	30.08	-0.07	51	51	+1	S	5	0	3	54	49	og, o	0.1	0.02	
	Jersey (St. Aubins)	30.25	37	SE	4	o	30.21	-0.11	39	38	-4	SE	4	0	3	43	37	omv, ogm	0.0	-	
	Portland Bill...	30.23	45	SE	2	o	30.19	-0.08	45	42	-5	SSE	3	0	4	51	41	c, o	2.0	-	
	Dungeness...	30.27	40	S	2	o	30.23	-0.09	40	38	-1	SSE	2	0	3	41	37	c	0.0	-	
	Dover...	30.32	37	SSW	1	o	30.27	-0.08	38	36	-1	S	1	0	2	40	36	o	0.0	-	
	Wick...	29.82	50	S	2	o	30.06	+0.07	40	39	-6	S	2	0	2	50	39	-	*	0.10	
	Nairn...	29.82	52	W	3	c	30.06	+0.10	34	33	-12	W	1	0	1	53	34	c, eq, c	0.0	0.05	
	Aberdeen...	29.95	49	S	3	o	30.10	+0.07	43	42	-7	NW	2	0	2	51	42	o	0.0	-	
	Leith...	29.96	51	SW	2	o	30.04	+0.01	45	44	-7	W	2	0	*	53	45	c, o, c, bc	*	-	
	North Shields	30.07	48	SSW	2	omv	30.08	-0.06	46	45	-2	SSW	2	0	2	51	44	cm, omv	*	-	
	Spurn Head...	30.18	43	S	4	o	30.16	-0.08	40	39	-5	SSW	4	0	3	45	39	omv, o	*	-	
	Yarmouth...	30.30	39	SSW	2	cm	30.27	-0.07	39	38	+1	WSW	1	0	2	41	37	c, cm	0.0	-	
	Clacton-on-Sea...	30.30	40	S	3	o	30.25	-0.09	40	39	+1	SSE	2	0	2	42	39	bc, c, og	0.0	-	
	Nottingham...	30.21	47	S	3	o	30.18	-0.07	41	41	-8	SSW	1	0	*	50	40	o	0.0	0.01	
	Bath...	30.23	46	W	1	o	30.21	-0.06	43	41	-7	SE	1	0	*	51	41	-	0.0	0.01	
	Oxford...	30.26	40	SSE	3	b	30.25	-0.05	38	37	-9	SSE	2	0	*	47	36	o, c, br, cm	*	-	
London (St. James's Pk)	30.28	41	SSW	1	o	30.23	-0.08	41	39	-3	SSE	2	0	*	45	40	o, c, o	1.0	-		
GERMANY, &c.	The Scaw (Skagen)	30.35	37	WSW	4	o	30.29	-0.04	38	37	-6	SW	3	0	1	45	36	*	*	-	
	Fanö...	30.40	33	SE	4	bc	30.34	-0.08	36	35	0	SSE	4	0	*	39	32	*	*	-	
	Cuxhaven†...	30.43	32	S	2	f	30.38	-0.09	34	34	+4	S	2	0	0	36	30	*	*	-	
	The Helder...	30.38	33	S	3	m	30.33	-0.10	34	34	+6	S	1	0	0	34	28	*	*	-	
	Brussels...	*	*	*	*	*	30.30	-0.11	34	33	+3	SE	1	0	*	35	30	*	*	-	
	Berlin†...	30.48	36	ESE	2	o	30.44	-0.06	35	35	-1	SE	2	0	*	37	34	*	*	-	
	Frankfurt†...	30.36	36	NE	3	o	30.31	-0.12	38	37	-1	E	2	0	*	39	36	*	*	-	
	Munich†...	30.35	31	NE	4	o	30.33	-0.08	30	36	-1	E	4	0	*	32	28	*	*	-	
FRANCE.	C. Gris Nez...	30.36	36	SSE	2	f	30.23	-0.11	34	33	+2	SE	2	0	2	36	32	*	*	-	
	La Hève...	30.31	34	SE	3	m	30.26	-0.11	32	32	-3	SE	1	0	m	39	30	*	*	-	
	Brest...	30.23	44	SE	4	o	30.17	-0.08	42	42	-7	ESE	3	0	5	52	41	*	*	-	
	Lorient...	30.21	38	ESE	3	o	30.16	-0.12	37	37	0	ESE	2	0	6	39	36	*	*	-	
	Rocheport...	30.21	40	NE	4	o	30.17	-0.10	38	37	+2	NE	3	0	*	41	36	o	*	-	
	Biarritz...	30.21	36	z	0	m	30.16	-0.06	39	38	-4	E	2	0	2	46	37	*	*	-	
	Paris...	30.29	37	E	2	o	30.25	-0.12	36	34	+2	E	2	0	*	38	34	*	*	-	
	Belfort...	30.27	32	ENE	5	m	30.25	-0.06	32	30	-2	ENE	6	0	*	35	30	*	*	-	
	Lyons...	30.27	33	N	1	b	30.27	-0.05	30	30	-5	N	1	0	f	38	30	*	*	-	
	Nice...	30.14	48	E	2	bc	30.17	+0.04	46	42	-4	z	0	0	3	57	45	*	*	-	
SPANISH PENIN.	Perpignan...	30.17	39	z	0	b	30.15	-0.06	31	30	-3	NW	2	0	2	53	30	*	*	-	
	Sanguinaire...	30.06	54	E	2	c	30.13	?	52	50	0	ESE	3	0	m	57	50	*	*	-	
	Corunna...																*	*	-		
	Lisbon...																*	*	-		
Azores (P. Delgada)...																	*	*	-		
„ Horta...	30.00	61	SW	5	c	29.92	-0.20	60	56	+3	N	4	0	3	64	57	*	*	-		

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

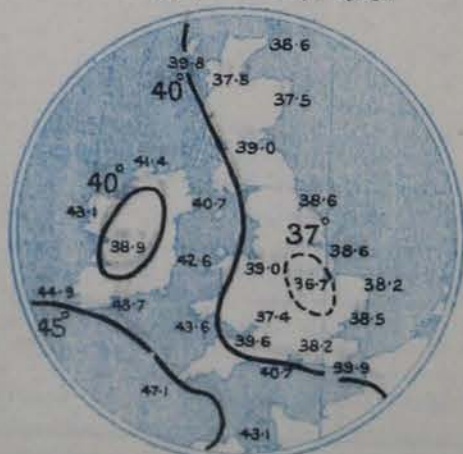
7 A.M. YESTERDAY.



6 P.M. YESTERDAY.

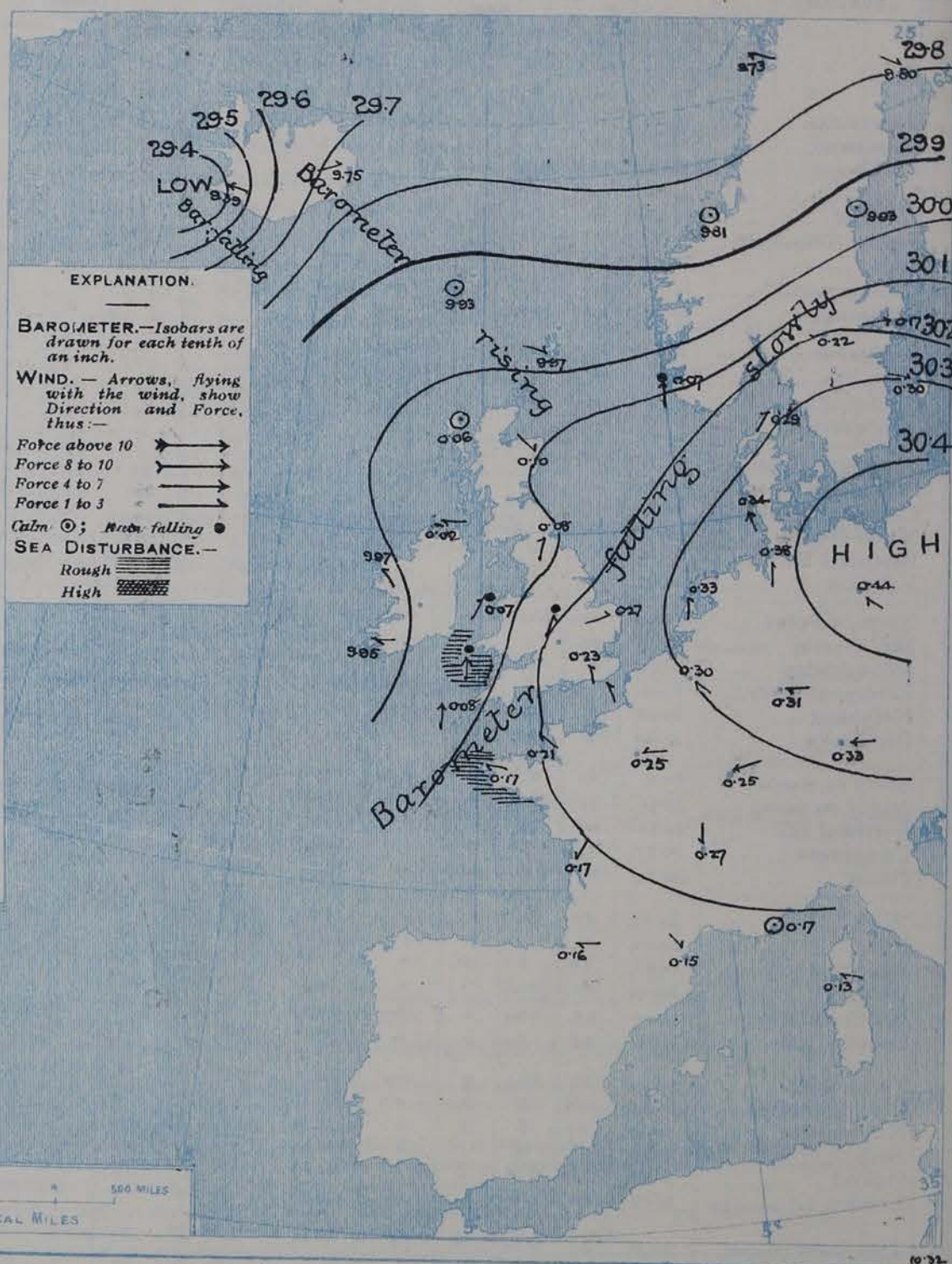


AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Wednesday, WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

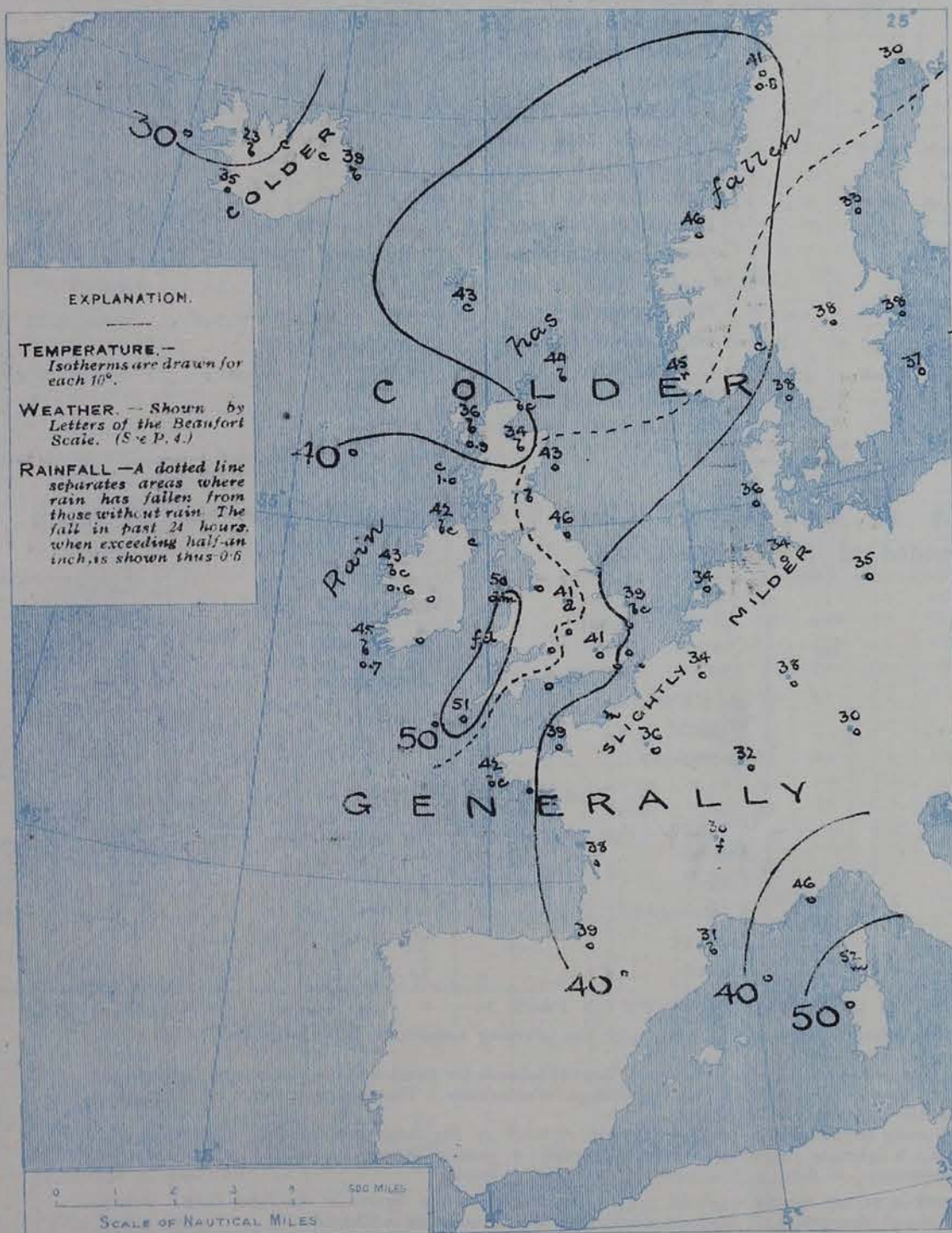
An anticyclone still extends from the western and central parts of the Continent over our own eastern and southern districts, but the system is gradually diminishing in intensity and is moving slowly eastwards. A new depression of considerable depth is approaching Ireland from the westward, and a secondary disturbance is beginning to appear off the south-west of Ireland.

The wind remains southerly over England and Wales, and is fresh or strong at the mouths of the English and Bristol Channels; in Ireland it has shifted to the eastward, but is light in force. Light westerly breezes are reported in Scotland, and strong winds from the same quarter or from south-west in the south of Scandinavia. Temperature has fallen in most places. Over the greater part of the United Kingdom the readings are below 45°, and in central Scotland they are below 35° but along our west coast, from Holyhead to Scilly, the thermometer stands at about 50°. Slight frost prevails in some parts of Germany and central France. The weather is fine at several of our own northern stations but is cloudy or dull over western Europe generally. Drizzling rain is falling in some parts of Wales and central England. The sea is slight or smooth generally, but moderate off our south-west coast, and rather rough at Falmouth.

CHARTS

23rd December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometers rose to 50° and upwards at nearly all our western and northern stations, and to 55° at Valencia; on the east and south east coasts of England it scarcely exceeded 40°. At a large majority of our stations the day was sunless. Rain has fallen in the west and extreme north of our Islands generally, — heavily in the west of Ireland and in the Hebrides.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The Continental anticyclone will probably continue to diminish in intensity, but its influence will still be felt for a time over our eastern and south-eastern districts. In the west and south west the weather will be affected by a depression which is approaching our south-west coast. Rain will set in shortly over that region, and will extend later northwards and eastwards.

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 breezes, finally S^{ly}; fair; cold, frost to-night.
- 1 }
- 2 } S^{ly} winds, light; cold; cloudy, slight rain in places.
- 3 }
- 4 } S^{ly} and S.E.^{ly} winds, light to moderate; cold; cloudy, mist or fog in places.
- 5 }
- 6 } E^{ly} winds, light or moderate; fair generally; rather colder.
- 7 }
- 8 } S^{ly} and S.E.^{ly} winds, freshening; dull, some rain, rather colder.
- 9 }
- 10 } E^{ly} and S.E.^{ly} winds, freshening; dull, some rain; normal temperature.
- 11 } WESTERN CHANNEL AND S.W. winds, freshening S^{ly} and S.E.^{ly} winds, with some rain and a rather rough sea.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

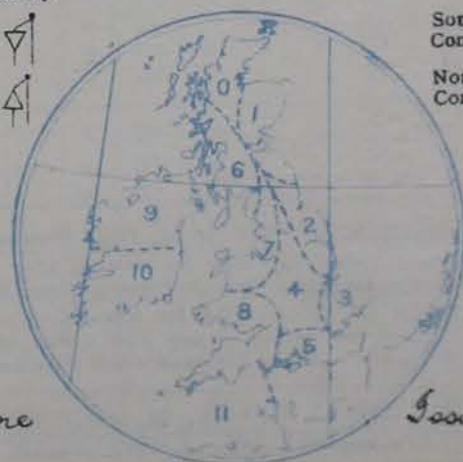
Signals hoisted this morning.

South Cone.

South Cone.

North Cone.

North Cone.



None

Issued

Wednesday, 23rd December, 1908.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....				Hrs.	Ins.	Brighton, to 6 p.m. ...	43	42	*	Hrs.	Ins.
Rossall Beach, to 6 p.m....				*		Eastbourne, to 6 p.m. ...	46	39	*	0.6	-
Blackpool, to 9 p.m. ...						Bexhill-on-Sea, to 9 p.m.				0.1	-
Southport, to 9 p.m. ...						Hastings	*	*	*	0.0	*
Rhyl, to 6 p.m.	53	47	*	0.9	-	Folkestone, to 6 p.m. ...	42	37	0, bc, o	0.0	-
Colwyn Bay, to 6 p.m. ...	52	48	b, bc, o, c	0.0	-	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Élandudno, to 9 p.m. ...				0.0		Margate, to 6 p.m.	40	36		0.0	-
Bettws-y-Coed, to 6 p.m.	53	40	c, b, bc, c	0.7	*	Felixstowe, to 6 p.m. ...	42	39		0.3	-
Towyn, to 6 p.m.						Lowestoft, to 6 p.m. ...	45	38		0.4	-
Aberystwyth, to 6 p.m. ...	53	47	*	1.5	-	Skegness, to 6 p.m....	44	42		0.0	-
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	49	45		0.0	-
Torquay, to 6 p.m....	52	49	*	0.0	0.02	Harrogate, to 6 p.m. ...	48	44	om, c, o	0.0	-
Weymouth, to 6 p.m. ...	51	49	mc, bc, c	2.0	0.12	Buxton, to 6 p.m.					
Bournemouth to 6 p.m. ...	50	49	fd, o, b	0.3	0.07	Darwen, to 9 p.m.	48	44	omd, o	0.0	0.01
Southsea, to 6 p.m....	48	43	*	1.0	0.10	Manchester, to 9 p.m. ...					
Worthing, to 6 p.m. ...	44	42	c, o	1.0	-	Birmingham, to 9 p.m....					

STATIONS. 27 th Dec. 1908.	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 27 th Dec. 1908.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira	0	0			St. Petersburg	0	0		
Marseilles					Utrecht				
Malta					Groningen				
Algiers									
Tunis					21 st Dec. 1908.	1.30 p.m.	1.30 p.m.	Measured	
Palermo					Geneva	37	0	7.30 a.m.	
Naples					Berne	34	0		
Brindisi					Coire	32	6		
Florence					Castasegna	43	60		
Rome					Lugano	43	0		
Vienna					Davos	21	6		

(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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.

(c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.

(d) 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.

[illegible]

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the enquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Wednesday
24th December, 1908.

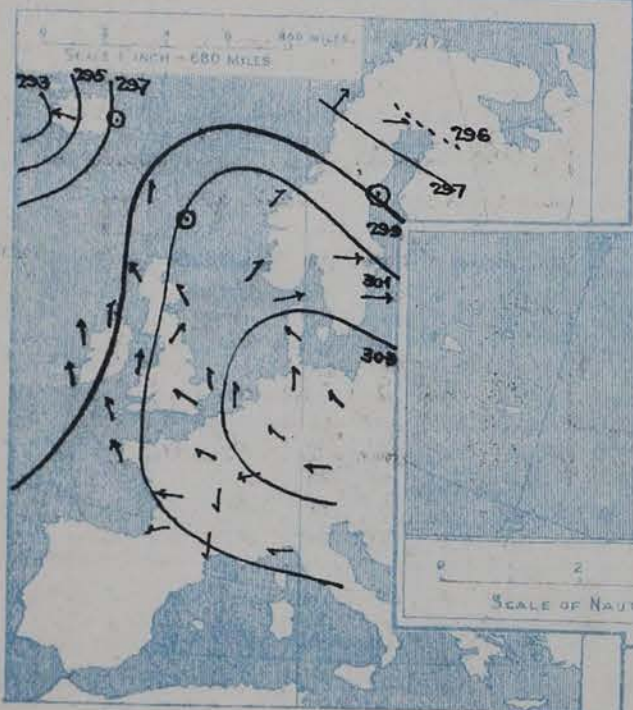
		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.			BAROMETER.	TEMPERATURE.	WIND.								TEMP.				
STATIONS.		At 32° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Sun-shine.	Rainfall.
		Ins.	"				Ins.	Ins.	"	"	"						"	"		Hours.	Ins.
SCANDINAVIA.	Haparanda...	29.60	34	W	2	r	29.88	+0.8	28	?	-2	E	2	bc	*		34	23	*	*	-
	Hernösand...	29.88	40	Z	0	bc	29.90	-0.2	39	35	+6	Z	0	b	*		41	28	*	*	-
	Stockholm...	30.08	37	W	6	0	30.13	-0.4	33	32	-5	W	2	b	*		43	36	*	*	-
	Wisby...	30.22	36	W	4	0	30.18	-1.2	40	39	+2	NW	4	0	*		40	23	*	*	-
	Karlstad...	30.22	42	SW	2	0	30.25	+0.3	36	35	-2	Z	0	0	*		*	*	*	*	-
	Færder (X'ania Fjord)	30.15	42	SW	5	b	30.24	+0.7	36	36	-6	NE	1	f	2		43	36	*	*	0.43
	Bodö...	29.65	39	SW	7	r	29.84	+1.1	40	39	-1	NW	2	b	2		41	36	*	*	0.24
	Christiansund...	30.16	41	SW	2	bc	30.21	+4.0	43	40	-3	WSW	1	0	4		46	41	*	*	0.08
	Skudesnaes...	30.20	43	SW	2	0	30.23	+1.6	44	43	-1	SSE	2	c	3		45	41	0	*	
ICELAND & FAEROE.	Reykjavik...	29.30	39	E	7	r	29.20	-1.9	46	*	+11	S	7	r	*		*	*	*	*	*
	Blönduos...	29.53	37	SSW	1	0	29.47	-1.8	39	*	+16	S	1	bc	*		*	*	*	*	*
	Seydisfjord...	29.74	34	Z	0	0	29.75	0.0	45	*	+6	SSW	5	b	*		*	*	*	*	*
	Thorshavn...	29.99	42	S	2	bc	29.94	+0.1	45	*	+2	SSE	3	c	*		*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	30.15	41	Z	0	b	30.07	+1.0	46	46	+2	SE	3	0	3		47	30	b	*	0.01
	Stornoway...	30.00	42	SE	4	b	29.88	-1.8	47	46	+11	SSE	4	b	4		50	33	bc, b	3.6	0.01
	Castlebay (Barra Id.)	29.94	48	ESE	5	omp	29.78	-2.4	44	43	+2	S	6	cgm	?		?	?	c. opom. om	0.1	-
	Malin Head...	29.90	47	S	3	bc	29.78	-2.4	44	43	+2	S	6	cgm	?		?	?	cm	*	-
	Blacksod Pt. ...	29.82	49	SSE	4	b	29.64	-3.3	47	46	+4	SE	6	bcq	5		50	43	bc	*	-
	Valencia...	29.78	52	SSE	6	og	29.55	-4.0	51	49	+6	SE	6	r	6		54	42	cg, o, og	0.0	0.32
	Roche's Point...	29.94	51	S	5	0	29.72	-3.1	49	47	+2	SSE	8	0	6		53	47	om, adm	*	0.04
	Birr Castle...	29.91	51	SSE	4	0	29.74	-2.7	45	43	0	SSE	6	og	*		52	42	0	0.1	0.05
	Donaghadee...	30.02	50	S	2	r	29.95	-1.3	45	42	+1	SSE	3	0	2		51	42	omp, o	*	-
	Liverpool Obsy...	30.10	44	SE	3	0	30.02	-1.0	38	35	-7	ESE	4	0	3		47	37	ogd	0.0	-
	Holyhead...	30.07	47	S	4	om	29.97	-1.0	41	38	-9	S	4	b	3		50	38	om	*	0.04
	Pembroke (St. Ann's Hd.)	30.03	47	SE	6	0	29.88	-1.8	43	40	-7	SSE	6	og	5		51	41	df, op, o	0.0	0.05
	Scilly (St. Mary's)	30.01	47	SE	4	0	29.79	-2.9	47	44	-4	ESE	5	0	3		52	45	0	0.4	-
	Jersey (St. Aubins)	30.14	38	ESE	4	0	30.00	-2.1	39	36	0	ESE	4	0	3		40	36	ogm, o	0.0	-
	Portland Bill...	30.12	43	SE	5	og	29.99	-2.0	41	40	-4	SE	5	0	4		46	37	o, og	0.0	-
	Dungeness...	30.20	38	SE	3	0	30.08	-1.5	37	36	-3	ESE	3	0	2		40	34	0	0.0	-
	Dover...	30.23	35	ESE	1	0	30.14	-1.3	34	33	-4	ESE	1	0	2		38	33	0	0.0	-
	Wick...	30.10	44	S	3	bc	29.99	-0.7	47	46	+7	S	4	c	3		50	38	-	*	-
	Nairn...	30.08	33	Z	0	b	29.97	-1.0	43	42	+9	W	1	b	1		43	31	b, c, op	0.9	0.01
	Aberdeen...	30.14	46	SE	2	0	30.07	-1.0	45	44	+2	SSE	3	0	3		48	42	bc, c, op	*	-
	Leith...	30.11	46	E	1	0	30.01	-0.3	45	42	0	SSE	2	0	*		47	43	oe, og	*	-
	North Shields	30.12	46	SW	2	m	30.07	-0.1	37	36	-9	S	3	c	2		47	34	om, d	*	0.01
	Spurn Head...	30.16	41	S	4	0	30.10	-0.6	39	38	-1	SSE	4	0	3		42	37	om, o	*	-
	Yarmouth...	30.22	40	SSE	2	bc	30.16	-2.6	37	36	-2	SE	4	bc	4		41	37	o, bc	0.0	-
	Clacton-on-Sea...	30.23	38	SE	3	0	30.13	-1.2	37	35	-3	ESE	3	0	2		42	37	og	0.0	-
	Nottingham...	30.17	42	S	2	0	30.11	-0.7	36	34	-6	SSE	3	0	*		43	33	dm, o	0.0	0.01
	Bath...	30.15	42	SE	2	0	30.03	-1.8	39	37	-4	Z	0	*	*		46	39	-	*	-
	Oxford...	30.18	39	SSE	3	0	30.09	-1.6	35	34	-3	SE	3	0	*		41	35	c, bc, o	*	-
	London (St. James's Pk)	30.21	39	ESE	2	0	30.09	-1.4	36	34	-5	SSE	2	0	*		42	35	o, og, o	0.0	-
GERMANY, &c.	The Scaw (Skagen)	30.26	39	WSW	4	0	30.26	-0.3	41	40	+3	WSW	2	m	0		41	36	*	*	-
	Fanö...	30.33	34	SE	2	bc	30.31	-0.3	32	32	-4	SE	1	0	*		37	32	*	*	-
	Cuxhaven†...	30.36	33	S	2	0	30.29	-0.9	31	100	-3	SE	2	oe	*		36	30	*	*	-
	The Helder...	30.30	35	SE	1	0	30.23	-1.0	33	32	-1	ESE	1	0	1		36	32	*	*	-
	Brussels...	*	*	*	*	*	30.17	-1.3	33	31	-1	Z	0	f	*		36	28	*	*	-
	Berlin†...	30.38	31	SE	1	f	30.32	-1.2	29	96	-6	SE	1	0	*		38	34	*	*	-
	Frankfurt†...	30.26	37	SE	2	0	30.23	-0.8	35	90	-3	ESE	3	0	*		36	25	*	*	-
	Munich†...	30.31	27	E	3	0	30.26	-0.7	26	100	-4	E	4	0	*		36	25	*	*	-
FRANCE.	C. Gris Nez...	30.20	33	ESE	1	0	30.12	-1.1	34	32	0	ESE	2	0	2		36	32	*	*	-
	La Hève...	30.27	32	SE	3	m	30.05	-2.1	32	30	0	E	4	bc	3		36	28	*	*	-
	Brest...	30.09	41	SE	3	m	29.87	-3.0	40	39	-2	SE	4	0	5		43	37	*	*	-
	Lorient...	30.06	38	ESE	4	0	29.90	-2.6	38	38	+1	ESE	5	0	4		43	37	*	*	-
	Rochefort...	30.10	38	E	4	0	29.96	-2.1	37	37	-1	E	3	0	4		43	32	0	*	-
	Biarritz...	30.07	41	ENE	3	0	29.95	-2.1	34	33	-5	ENE	4	b	5		46	32	*	*	-
	Paris...	30.22	35	ESE	2	0	30.10	-1.5	28	28	-8	SE	1	b	*		37	28	*	*	-
	Belfort...	30.19	31	ENE	4	m	30.16	-0.9	25	24	-7	ENE	6	m	*		36	25	*	*	-
	Lyons...	30.25	30	N	1	f	30.19	-0.8	30	30	0	SE	1	f	*		32	28	*	*	-
	Nice...	30.15	46	E	2	0	30.11	-0.6	44	37	-2	Z	0	bc	4		50	39	*	*	0.04
SPANISH PENIN.	Perpignan...	30.06	45	N	1	b	29.99	-1.6	39	35	+8	SW	1	bc	2		48	31	*	*	0.04
	Sanguinaire...	30.07	54	NW	2	0	30.13	0.0	48	46	-4	E	2	m	2		64	45	*	*	-
	Corunna...	30.06	48	NNE	2	0	29.93	-2.2	56	56	+9	SSW	4	0	*		52	45	*	*	0.28

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

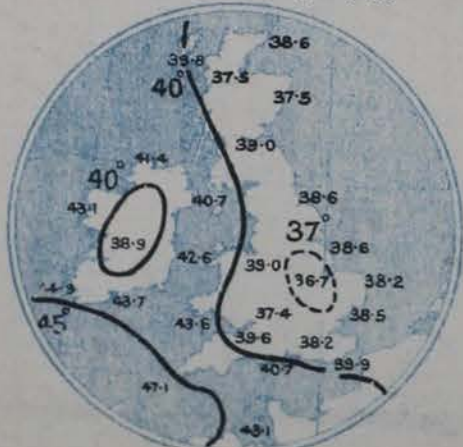
7 A.M. YESTERDAY



6 P.M. YESTERDAY

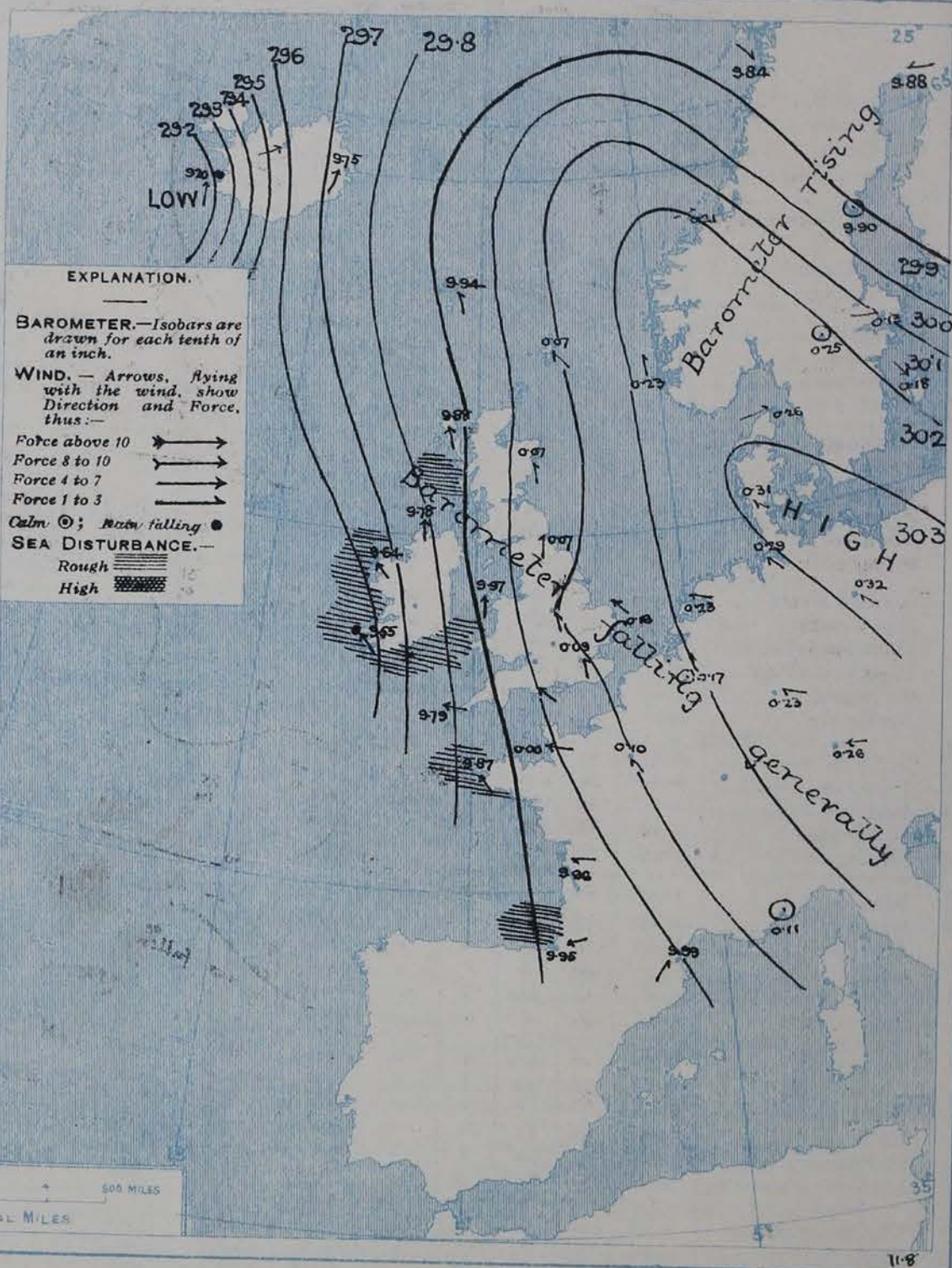


**AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
DECEMBER - JANUARY.**
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Thursday. WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

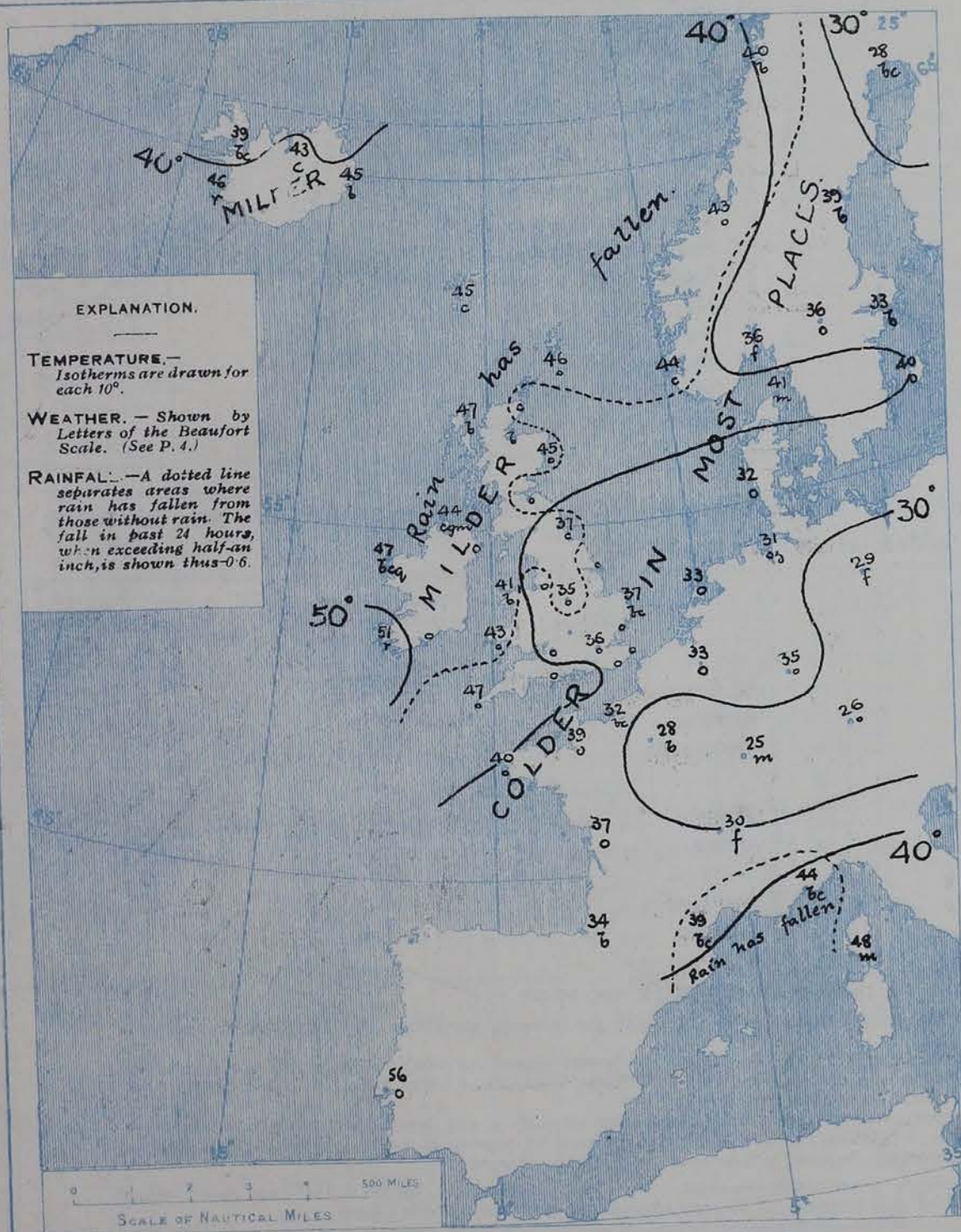
Pressure is now highest over Denmark and North-Germany, where the barometer is a little above 30.3 ins. Thence westward the readings decrease to below 29.6 ins on the Kerry coast, and to 29.2 ins in the south west of Iceland. The gradient is moderate to slight generally.

Winds from between South and East prevail over the British Isles, the western portions of the Continent and in Iceland. Westerly in Scandinavia. In most regions the force is moderate to very light, but a several of our western stations and locally in Iceland, a fresh or strong breeze is reported, a gale at Roche's Point. Temperature has risen all over Ireland and Scotland, fallen in nearly all other countries. At the home stations the values range from 34° at Dover to 51° at Valencia; in Scandinavia from 28° at Haparanda and Karlstad to 44° at Skudonæs; over western Europe from 25° at Belfort to 44° at Nice; in Iceland from 37° to 46°. The weather is fine and clear in north-western Scotland, in the north and east of Scandinavia and locally in Iceland, but generally it is very cloudy or overcast, rain is falling at Valencia and Reykjavik, and the atmosphere is foggy on the Christiania fjord. The sea is rough or rather rough on various sections of our western coasts and down the Bay, moderate to very smooth elsewhere.

CHARTS

24th December 1908.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 50° and upwards at most of our western and northern stations, to 54° at Valenceid. In several places the maximum occurred during the night. In the southern and eastern districts the values were much lower, only 40° at Jersey, Dungeness, and Folkestone, 39° at Margate, and 38° at Dover. Slight rain has fallen in many localities. Rain reports 5.5 hours of bright sunshine, Stromway 3.6 hours, and Bath 1.2 hours, nearly all other stations had none.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The Continental anticyclone is being gradually transferred northward for Scandinavia, and pressure is giving way more or less steadily over the British Isles and France, so that the southerly to Easterly type of conditions is expected to hold 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 } S^W and S.E. breezes, light to moderate; cloudy to fair or fine; mild at first, cooler later.
- 1 }
- 2 } S.E. to E. breezes, light to moderate; dull generally, some fair intervals locally; cold.
- 3 }
- 4 }
- 5 }
- 6 } Same as Nos. 0 & 1.
- 7 } S.E. winds, fresh or strong at times locally; dull generally.
- 8 } passing showers in places; fair intervals; cold.
- 9 } Strong S.E. winds; changeable, squally, some rain locally; mild at first, cooler later.
- 10 }

II WESTERN CHANNEL AND BAY

S.W. winds, fresh or strong; sea moderate to rather rough; considerable W. swell; dull generally, some showers and fog; cold.

FORECAST DISTRICTS.

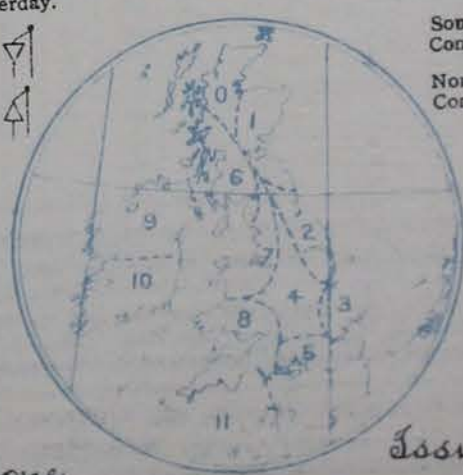
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Coast.
North Coast.

South Coast.
North Coast.



None

Issued

Thursday, 24th December 1908.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....				Hrs.	Ins.	Brighton, to 6 p.m.	42	41	*	0 0	Ins.
Rossall Beach, to 6 p.m....				*		Eastbourne, to 6 p.m.	43	37	*	0 0	-
Blackpool, to 6 p.m.	49	44		0 0	0 07	Bexhill-on-Sea, to 9 p.m.					
Southport, to 9 p.m.	47	43	0	0 0	0 06	Hastings	*	*	*	0 0	*
Rhyl, to 6 p.m.	51	45	*	0 0	-	Folkestone, to 6 p.m.	40	35	0	0 0	-
Colwyn Bay, to 6 p.m.	51	50	bc	0 3	0 08	Ramsgate, to 6 p.m.	*	*	*	0 0	-
Élandudno, to 9 p.m.				0 8		Margate, to 6 p.m.	39	37		0 0	-
Bettws-y-Coed, to 6 p.m.	52	45	c	0 0	*	Felixstowe, to 6 p.m.	41	38		0 0	-
Towyn, to 6 p.m.						Lowestoft, to 6 p.m.	41	38		0 0	-
Aberystwyth, to 6 p.m....	51	46	*	0 0	-	Skegness, to 6 p.m....	41	39	0	0 3	-
Plymouth, to 9 p.m.						Scarborough, to 6 p.m.	48	40		0 0	0 01
Torquay, to 6 p.m....	46	44	*	0 0	-	Harrogate, to 6 p.m.	47	42		0 0	0 02
Weymouth, to 6 p.m.	46	42	0	0 0	-	Buxton, to 6 p.m.					
Bournemouth to 6 p.m.	44	41		0 0	-	Darwen, to 9 p.m.					
Southsea, to 6 p.m....	43	40	*	0 0	-	Manchester, to 9 p.m.					
Worthing, to 6 p.m.	42	41		0 0	-	Birmingham, to 9 p.m....					

STATIONS. 13th Dec. 1908	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 23rd Dec. 1908.	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira	Not	recd.			St. Petersburg	36	34	r. f	-
Marseilles	57	39	b, o	-	Utrecht	36	32	m, o	-
Malta	60	54	o	0.04	Groningen	36	28	o, m	-
Algiers	64	50	o, b	-					
Tunis	59	46	c, bc	-	Geneva	1.80 p.m.	1.80 p.m.	Measured	7.30 a.m.
Palermo	59	46	b, o	0.24	Berne	Observations	not received		
Naples	52	47	o, b	-	Coire		*		
Brindisi	56	37	b, b	-	Castasegna		*		
Florence	51	45	b, o	-	Lugano		*		
Rome	51	46	o, o	0.04	Davos		*		
Vienna	37	30	o, f	-					

(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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.

(c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.

(d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

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

[illegible]

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the enquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Friday,
25th December, 1908

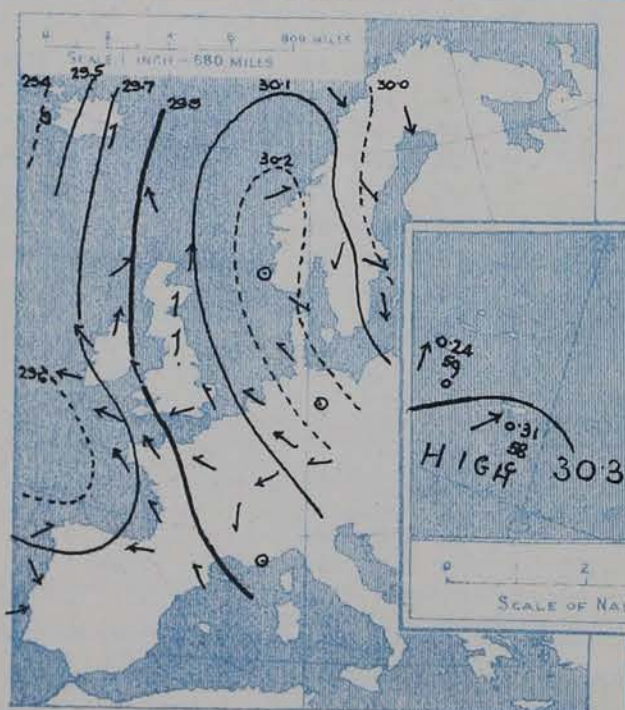
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.		Weather.	Barometer.		Temperature.			Wind.		Sea (0 to 9).	Temp.		Weather.	Sunshine.	Rainfall.		
				At 32° Fahr. and M.S.L.	Dry Bulb.		Dirac.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.		Dirac.	Force (0 to 12).				Max.	Min.
Ins.	"				Ins.	Inc.	"	"	"						Hours.	Ins.					
SCANDINAVIA.	Haparanda...	29.95	22	NNW	6	b	30.36	+0.83	13	13	-15	NNW	2	b	*	34	27.3	*	*	*	
	Hernösand...	29.94	37	NW	2	b	30.25	+0.35	22	19	-17	NW	4	b	*	44	27.2	*	*	*	
	Stockholm...	30.00	34	WNW	2	b	30.06	-0.07	30	27	-3	NNE	8	o	*	37	23.0	*	*	*	
	Wisby...	30.00	39	NNW	6	b	29.99	-0.19	36	34	-4	NE	6	o	*	41	32	*	*	*	
	Karlstad...	30.17	33	NE	2	o	30.15	-0.10	30	29	-6	NW	4	b	*	38	30	*	*	*	
	Färder (X'ania Fjord)	30.21	33	N	1	f	30.18	-0.06	33	32	-3	N	2	b	1	41	25	*	*	*	
	Bodö...	30.09	37	NW	4	r	30.45	+0.61	27	25	-13	NE	1	b	3	43	36	*	*	0.24	
ICELAND & FAEROE.	Christiansund...	30.26	43	WSW	2	o	30.28	+0.07	39	36	-4	E	1	bc	2	43	37	o	*	*	
	Skudesnaes...	30.21	42	2	o	o	30.19	-0.04	38	37	-6	NNW	4	b	2	43	37	o	*	*	
	Reykjavik...	29.41	37	2	o	r	29.84	+0.64	30	*	-16	E	1	r	*	*	*	*	*	*	
	Blönduós...	29.47	48	SW	3	c	29.73	+0.26	39	*	0	SW	3	o	*	*	*	*	*	*	
BRITISH ISLANDS.	Seydisfjord...	29.73	50	S	2	r	29.78	+0.03	44	*	-1	E	5	r	*	*	*	*	*	*	
	Thorshavn...	29.99	46	SE	5	o	30.00	+0.06	45	*	0	SSE	4	o	*	*	*	*	*	*	
	Sumburgh Head	30.10	44	S	4	o	30.15	+0.08	43	40	-3	S	4	o	3	46	42	o	*	0.01	
	Stornoway...	29.94	44	SW	3	o	30.07	+0.19	38	38	-9	W	2	o	2	49	38	bc, o, c	0.0	*	
	Castlebay (Barra Id.)	29.90	44	SE	6	om	30.00	+0.22	39	39	-5	SSE	3	agm	2	45	38	om, of	0.0	*	
	Malin Head...	29.85	41	SSE	5	egm	30.00	+0.22	39	39	-5	SSE	3	bc	2	45	38	cmq, om	*	*	
	Blacksod Pt.	29.71	45	ESE	6	ag	29.96	+0.32	47	45	0	SSE	4	bc	3	48	42	eg, bc	*	*	
	Valencia...	29.61	47	E	4	ag	29.86	+0.31	47	43	-4	E	2	o	4	52	44	rg, o, bc	0.0	0.25	
	Roche's Point...	29.70	47	SE	6	o	29.90	+0.18	47	45	-2	E	5	o	5	50	46	om, amp	*	0.01	
	Birr Castle...	29.75	43	SSE	5	c	29.98	+0.24	42	40	-3	SE	4	o	*	45	39	eg, o	0.0	*	
	Donaghadee...	29.93	41	E	5	c	30.04	+0.09	41	39	-4	ENE	3	o	2	45	38	o, c, o	*	*	
	Liverpool Obsy...	29.98	34	ESE	4	o	30.07	+0.05	35	33	-3	E	3	o	2	38	33	ag	0.0	*	
	Holyhead...	29.90	38	SE	1	b	29.99	+0.02	37	36	-4	E	3	bc	2	44	34	om, b	*	*	
	Pembroke (St. Ann's Hd.)	29.77	45	ESE	7	o	29.91	+0.03	37	35	-6	ENE	4	bo	4	45	36	o, om	0.0	*	
	Scilly (St. Mary's)	29.63	45	ESE	6	c	29.73	-0.06	46	44	-1	E	3	o	4	48	45	o, c	0.0	*	
	Jersey (St. Aubins)	29.81	46	SE	5	o	29.81	-0.19	39	37	0	E	4	o	3	48	37	c, om	4.8	*	
	Portland Bill	29.84	48	E	6	b	29.88	-0.11	42	42	+1	ENE	6	c	4	48	41	bc, b	1.4	*	
	Dungeness...	29.96	42	ESE	4	bc	29.92	-0.16	39	38	+2	ENE	5	bc	5	42	33	bc, p, bc	1.0	0.02	
	Dover...	30.01	38	SE	3	b	30.00	-0.14	37	36	+3	NE	3	o	4	39	34	o, b, o	1.0	*	
	Wick...	30.01	44	S	4	c	30.07	+0.08	42	38	-5	S	3	bc	3	49	38	-	*	*	
	Nairn...	29.97	35	E	1	c	30.08	+0.11	25	25	-18	2	o	b	1	43	25	b, bc, eg, o	1.0	*	
	Aberdeen...	30.06	43	SSE	3	o	30.13	+0.06	42	40	-3	SSE	2	o	3	45	41	o	0.0	*	
	Leith...	30.02	35	SE	3	b	30.09	+0.08	40	38	-5	SE	1	o	*	46	33	bc, b, o	*	*	
	North Shields	30.04	37	S	3	c	30.08	+0.01	40	38	+3	S	2	o	2	40	34	om, o	*	*	
	Spurn Head	29.96	40	SE	4	c	30.06	-0.04	41	38	+2	SE	2	o	2	41	38	o, c, o	*	*	
	Yarmouth...	29.96	38	SE	3	bc	30.06	-0.10	37	36	0	NE	2	cm	3	38	37	o, bc	0.0	*	
	Clacton-on-Sea	30.03	40	ESE	4	o	30.04	-0.09	40	38	+3	E	3	o	2	40	37	ag	0.0	*	
	Nottingham	30.03	35	SE	3	o	30.06	-0.05	37	36	+2	E	2	o	*	37	34	om, o	0.0	*	
	Bath...	29.93	39	SE	3	o	29.97	-0.06	37	36	-2	NE	3	b	*	41	36	-	*	*	
Oxford...	29.97	36	E	3	o	30.06	-0.03	37	36	+2	ENE	2	o	*	38	35	o	*	*		
London (St. James's Pk)	29.99	39	ENE	2	o	30.05	-0.04	40	38	+4	ESE	4	o	*	41	35	o	0.0	*		
GERMANY, & C.	The Scaw (Skagen)	30.19	37	WNW	1	m	30.15	-0.11	36	35	-5	N	2	o	0	43	36	*	*	*	
	Fanö...	30.21	30	SE	1	bc	30.19	-0.12	30	29	-2	SE	1	f	*	34	25	*	*	*	
	Cuxhaven†...	30.22	28	SE	2	f	30.17	-0.12	26	100	-5	E	1	f	2	36	28	*	*	*	
	The Helder...	30.13	32	ESE	2	o	30.11	-0.12	29	?	-4	E	2	f	*	34	25	*	*	*	
	Brussels...	*	*	*	*	*	?	?	26	26	-7	2	o	*	*	30	28	*	*	*	
	Berlin†...	30.21	30	2	o	o	30.12	-0.20	30	95	+1	2	o	o	*	37	32	*	*	*	
	Frankfurt†...	30.12	33	SE	4	o	30.09	-0.14	32	89	-3	SE	2	o	*	27	25	*	*	*	
FRANCE.	Munich†...	30.16	27	E	2	o	30.10	-0.16	26	100	0	SE	2	f	*			*	*	*	
	C. Gris Nez...	29.96	34	E	4	b	29.95	-0.17	?	?	?	ENE	4	r	4	37	28	*	*	*	
	La Hève...	29.91	38	E	4	m	29.84	-0.21	28	28	-4	E	5	m	4	43	40	*	*	0.08	
	Brest...	29.65	42	SE	5	o	29.72	-0.15	42	42	+2	SE	4	r	4	43	38	*	*	0.16	
	Lorient...	29.66	42	ESE	6	o	29.71	-0.19	?	?	?	E	?	?	4	43	37	*	*	0.20	
	Rochefort...	29.75	44	SE	3	c	29.73	-0.23	43	43	+6	2	o	*	48	37	*	*	*		
	Biarritz...	29.72	41	E	4	b	29.69	-0.26	45	41	+11	SE	3	b	2	50	34	*	*	*	
	Paris...	29.98	33	E	2	b	29.95	-0.15	30	29	+2	E	3	o	*	45	30	*	*	*	
	Belfort...	30.08	27	ENE	6	m	30.00	-0.16	25	25	0	ENE	6	f	*	32	25	*	*	*	
	Lyons...	30.07	31	N	1	f	29.98	-0.21	30	30	0	ENE	1	o	4	50	39	*	*	0.16	
SPANISH PENIN.	Nice...	30.06	44	2	o	30.00	-0.11	40	38	-4	E	2	r	*	55	38	*	*	*		
	Perpignan...	29.82	48	SE	2	c	29.74	-0.25	40	39	+1	SW	1	o	*			*	*	*	
	Sanguinaire...																	*	*	0.22	
Corunna...	29.67	50	?	3	o	29.71	-0.04	54	50	+2	NW	5	o	6	57	48	*	*	0.12		
Lisbon...	29.84	56	WSW	5	bc	29.99	+0.06	52	46	-4	WNW	5	b	*	59	46	*	*	*		
Azores (P. Delgada)...	30.31	53	NNE	1	b	30.31	+0.22	58	53	0	SW	5	o	4	59	50	*	*	*		
Horta...	30.28	53	WSW	1	b	30.24	+0.12	59	56	+2	SSW	5	o	3	59	54	*	*	*		

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

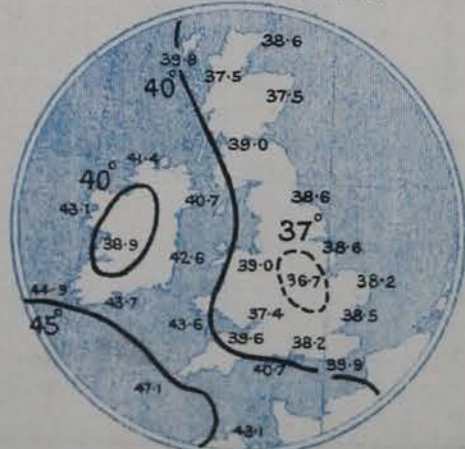
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



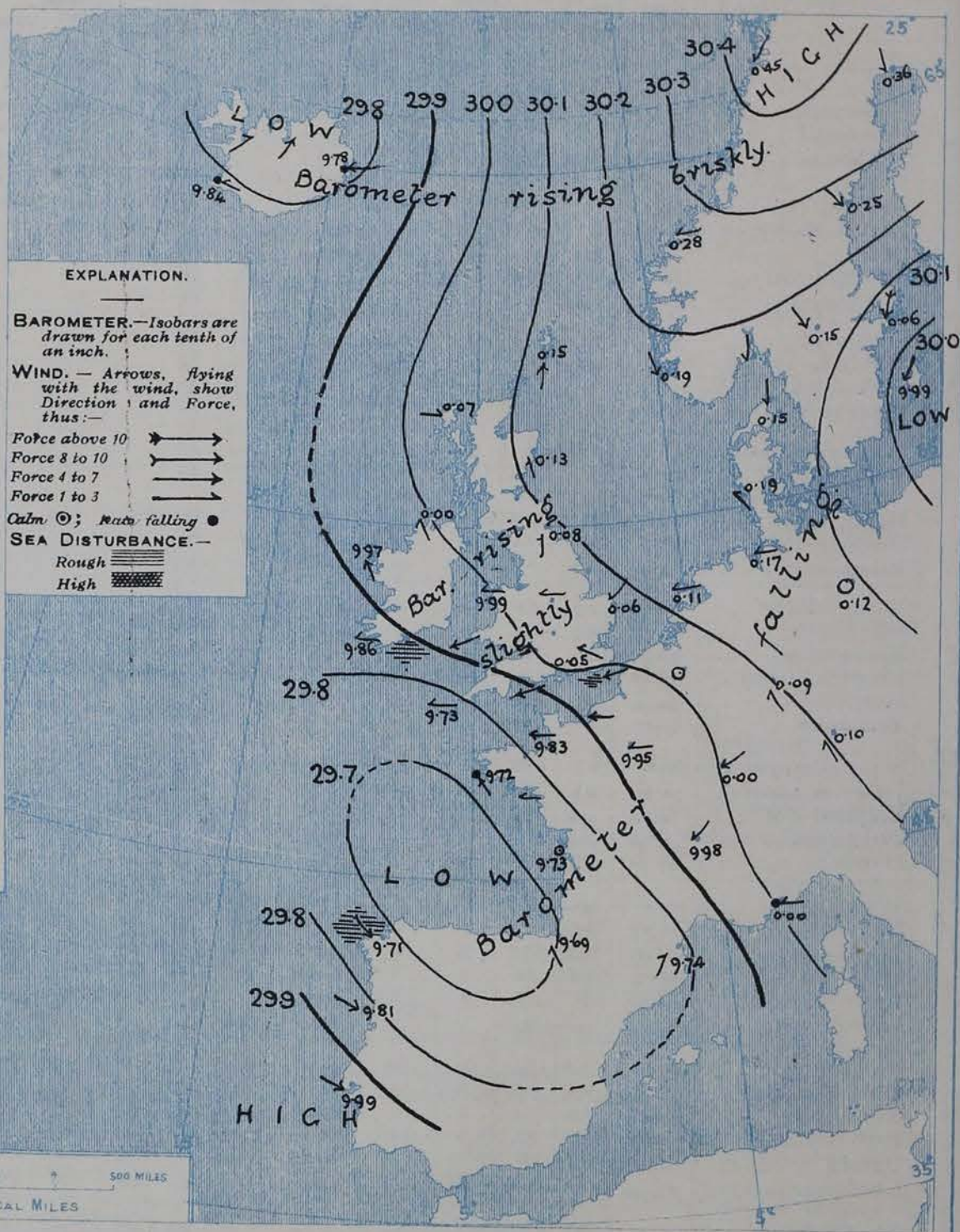
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Friday.

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

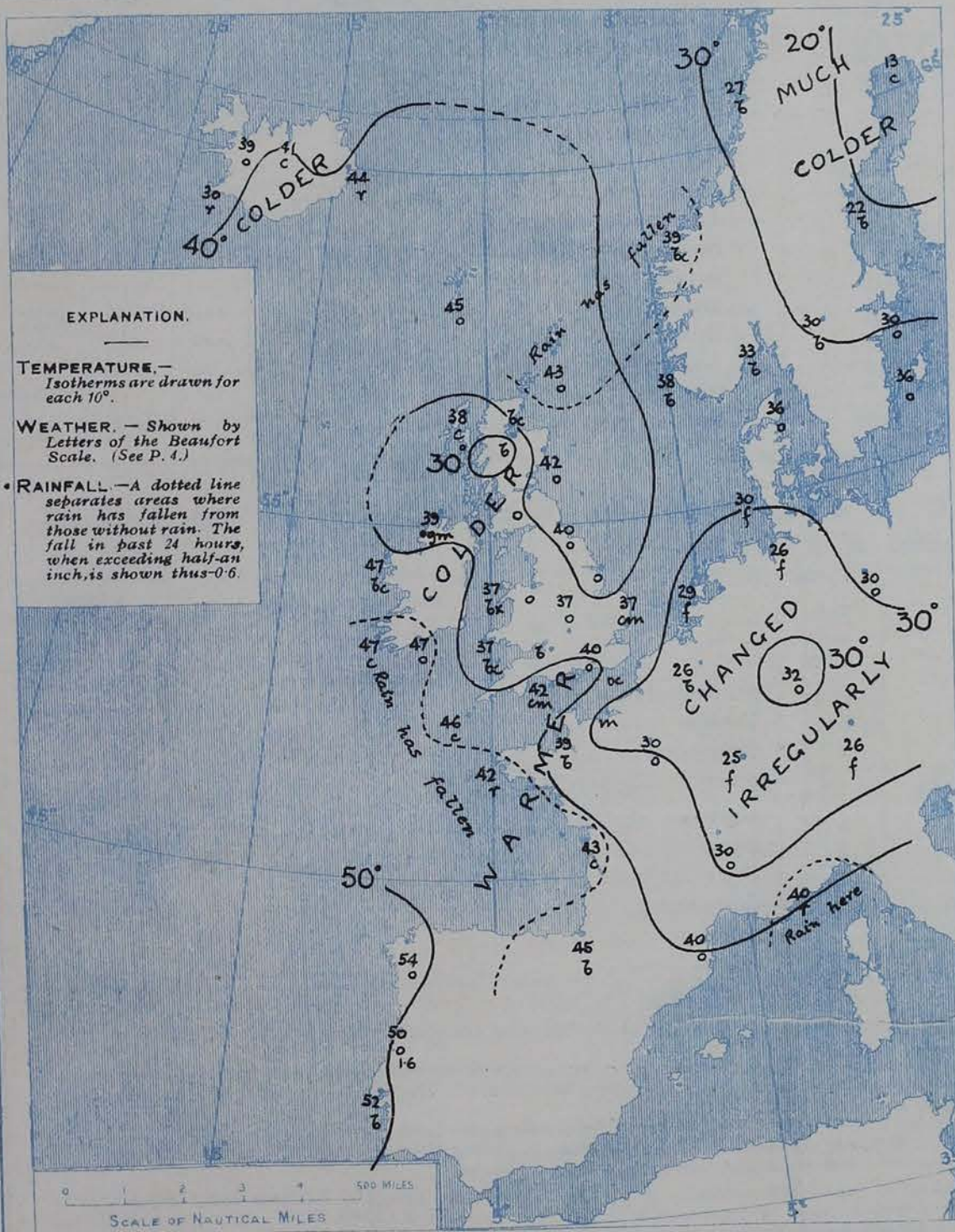
The high pressure system has been transferred from the North Sea to Scandinavia, its central space being now beyond the Arctic Circle, with the barometer up to 30.45 ins. at Bodø. In a depression covering the Bay of Biscay pressure is below 29.7 ins., and in another over Ireland it is below 29.8 ins. The gradient is everywhere slight.

Southerly to Easterly winds prevail over the British Isles and Western Europe, North Westerly and North-easterly over Scandinavia, North Westerly over the Peninsula. At Stockholm a gale is blowing, at Oporto a high wind, and at Portland Bill and Wick a strong breeze, but generally the force is light. Temperature has changed irregularly over the British Isles and France, fallen in most other regions, and at the home stations the values range from 25° at Rain, and 35° at Liverpool to 47° in the South and west of Ireland; in Scandinavia from 13° at Haparanda to 35° at Skudesnæs; over Western Europe from 25° at Belfast to 54° at Corunna; in Ireland from 30° to 44°. The weather is fair or fine in Scandinavia, but in nearly all other localities it is very cloudy or overcast, with rain at Brest, Nice and some Island stations, fog at several places on the Continent between Eastern France and Denmark. The sea is rough off Corunna, and rather rough off Queenstown and Dungeness, moderate to very smooth in all other coasts.

CHARTS

25th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 52° at Valencia and 50° at Rocher Point, but at the majority of stations the maxima were below 45°; below 40° in places. Nairn, Blackpool and Harrogate are the only stations reporting frost in the shade in the night. Jersey had 4 hours of bright sunshine, Llandudno and Loughlyn had 3 1/4 hours, and Colwyn Bay 3 hours, but nearly all other stations had none.

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.

1

2

3

4

5

6

7

8

9

10

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.

25th December, 1908.

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.			
Dublin (City), to 4 p.m....				*		Brighton, to 6 p.m. ...	42	38	*	0.1	-
Rossall Beach, to 6 p.m....	45	34	0	*	-	Eastbourne, to 6 p.m. ...	43	37	*	0.0	-
Blackpool, to 9 p.m. ...	45	34	0	0.0	-	Bexhill-on-Sea, to 9 p.m. ...	43	37	c. b	0.1	-
Southport, to 9 p.m. ...	46	33	0	0.0	-	Hastings ...	*	*	*	0.0	*
Rhyl, to 6 p.m. ...	39	35	*	0.1	-	Folkestone, to 6 p.m. ...	39	34	bc, b, bc, o	0.5	-
Colwyn Bay, to 6 p.m. ...	39	37	bc, c	3.0	-	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Élandudno, to 9 p.m. ...	41	34	o, bc, c	3.8	-	Margate, to 6 p.m. ...	39	34	m	0.0	-
Bettws-y-Coed, to 6 p.m.					*	Felixstowe, to 6 p.m. ...	40	36		0.0	-
Towyn, to 6 p.m. ...	41	39	c, b, bc	3.7	-	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m. ...	49	38	*	2.0	-	Skegness, to 6 p.m. ...	38	36	o	0.0	-
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...	44	36	o	0.0	-
Torquay, to 6 p.m. ...	49	41	*	1.5	-	Harrogate, to 6 p.m. ...	44	31	o, c, bc, b	0.0	0.01
Weymouth, to 6 p.m. ...	46	40	o, c	1.4	-	Buxton, to 6 p.m. ...	37	30	o, omw	0.0	0.01
Bournemouth to 6 p.m. ...	44	39	o, c, bc, b	1.5	-	Darwen, to 9 p.m. ...	41	31	omw, ou	0.0	-
Southsea, to 6 p.m. ...			*			Manchester, to 9 p.m. ...					
Worthing, to 6 p.m. ...	42	38	o, c, o	0.3	-	Birmingham, to 9 p.m. ...	38	32	o	0.0	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 24th Dec. 1908	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 24th Dec. 1908	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira ...	68	50	b, b	0.20	St. Petersburg ...	36	34	o, r	0.04
Marseilles ...	54	43	o, o	0.08	Utrecht ...	37	34	o, o	-
Malta ...	57	51	c	0.39	Groningen ...	36	30	o, o	-
Algiers ...	63	50	b, b	-	23rd Dec. 1908. 1.30 p.m.				Measured 7.30 a.m.
Tunis ...	59	43	b, bc	-	Geneva ...		*		
Palermo ...	62	45	c, c	0.08	Berne ...		*		
Naples ...	54	48	o, r	-	Coire ...		*		
Brindisi ...	57	37	bc, c	-	Castasegna ...		*		
Florence ...	49	44	o, o	-	Lugano ...		*		
Rome ...	53	45	o, o	0.04	Davos ...		*		
Vienna ...	34	27	f, f	-					

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- (a) The morning observations are at 7 a.m., western European time, (French Stations 8.51 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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) 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.
- * AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

WIRELESS TELEGRAMS FROM SHIPS OF H.M. NAVY.

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

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

25th-26th Dec 1908.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.6	11.53	3.41
Greenwich	8.6	11.54	3.42
Wick	8.7	12.0	3.53
Valencia	8.7	12.1	3.54
		9.5	12.12	3.19
		9.5	12.13	3.20
		8.51	12.41	4.32
		8.51	12.42	4.33

TERMS OF SUBSCRIPTION for the Daily Weather Report, forwarded by Book Post, £1 per annum, payable quarterly in advance.

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METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (Director.)

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

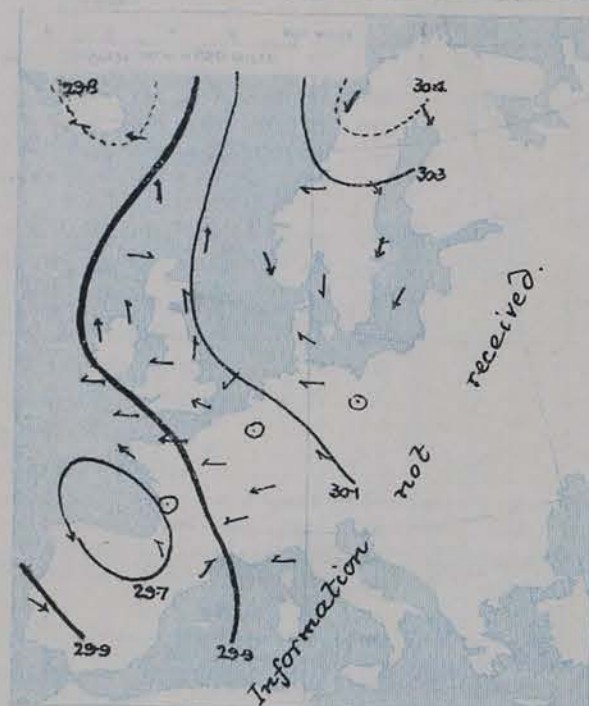
Saturday,
26th December, 1908.

		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.	TEMP.	WIND.			BAROMETER.	TEMPERATURE.	WIND.								TEMP.				
STATIONS.		At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L.	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. Hours.	Rainfall. Ins.
SCANDINAVIA.	Haparanda...	30.61	7	NNW	2	b	30.72	+36	15	15	+2	NW	2	o	*		23	5	*	*	-
	Hernösand...	30.48	15	N	4	b	30.54	+29	14	12	-8	N	6	s	*		36	14	*	*	-
	Stockholm...	30.22	21	NNE	9	c	30.31	+25	16	15	-14	N	6	s	*		34	16	*	*	0.08
	Wisby...	30.04	26	N	9	s	30.15	+16	19	17	-17	NE	8	c	*		37	19	*	*	0.04
	Karlstad...	30.44	20	NE	4	b	30.51	+36	14	13	-16	N	2	bc	*		36	19	*	*	-
	Færder (X'ania Fjord)	30.43	27	NE	6	b	30.54	+33	20	16	-13	NNE	6	b	2		36	19	*	*	-
	Bodö...	30.69	21	E	2	b	30.77	+32	17	14	-10	ENE	2	b	1		37	16	*	*	-
	Christiansund...	30.38	31	NE	5	b	30.45	+17	25	23	-14	E	4	b	3		39	25	*	*	-
ICELAND & FAEROE.	Skudesnaes...	30.26	41	SE	4	o	30.41	+22	30	28	-8	SE	6	o	3		41	30	*	*	-
	Reykjavik...	29.71	35	S	1	c	29.19	-65	39	*	+9	E	3	y	*		*	*	*	*	*
	Blönduós...	29.71	36	S	2	bc	29.45	-28	38	*	-1	2	0	c	*		*	*	*	*	*
	Seydisfjord...	29.87	41	SE	2	c	29.71	-07	31	*	-13	ENE	6	o	*		*	*	*	*	*
BRITISH ISLANDS.	Thorshavn...	30.08	46	S	4	c	29.91	-09	44	*	-1	S	4	c	*		*	*	*	*	*
	Sumburgh Head	30.17	43	SE	1	o	30.11	-04	42	40	-1	S	4	o	4		43	40	o	*	-
	Stornoway...	30.09	38	SW	3	c	29.90	-17	42	42	+4	S	6	bc	5		42	34	om, c, bcg	0.0	-
	Castlebay (Barra Id.)	30.04	43	SE	4	o	29.84	-19	45	43	+1	SE	6	om	6		45	41	of, om	0.0	-
	Malin Head...	30.01	38	S	2	bc	29.81	-19	40	40	+1	SSE	5	cm	2		46	35	cm, bc	*	-
	Blacksod Pt. ...	29.97	46	SE	5	bc	29.71	-25	46	40	-1	SSE	5	r	4		47	41	bc, bc, om	3.0	0.15
	Valencia...	29.94	46	E	4	o	29.76	-10	48	47	+1	SSE	3	r	4		49	45	bc, r, o	*	0.22
	Roche's Point...	30.00	46	E	4	om	29.84	-06	49	48	+2	ESE	5	bc	5		50	44	om, om, bc	*	0.01
	Birr Castle...	30.02	39	SSE	2	o	29.84	-14	44	43	+2	SSE	4	om	*		45	36	o, om	0.0	-
	Donaghadee...	30.11	41	ENE	3	o	29.90	-14	43	41	+2	SSE	5	o	4		44	39	c, o, ogg	*	-
	Liverpool Obsy...	30.12	35	ESE	3	c	30.05	-02	34	33	-1	ESE	4	o	2		37	33	om, b	0.0	-
	Holyhead...	30.07	38	2	0	b	29.99	00	38	37	+1	S	1	bc	1		43	33	b	*	-
	Pembroke (St. Ann's Hd.)	30.03	41	E	4	bc	29.95	+04	40	39	+3	E	6	ogu	4		44	36	bc	5.9	-
	Scilly (St. Mary's)	29.96	48	E	4	o	29.89	+16	48	45	+2	E	4	c	5		49	46	o	0.4	-
	Jersey (St. Aubins)	30.01	38	E	3	o	30.00	+19	35	35	-4	ESE	3	f	3		41	33	cm, om	0.0	-
	Portland Bill...	30.03	43	ENE	5	om	30.00	+12	42	41	0	ENE	4	o	4		44	39	c, o	0.0	-
	Dungeness...	30.05	40	ENE	4	o	30.03	+11	37	36	-2	E	4	o	4		40	36	bc, o, c, o	0.0	-
	Dover...	30.09	37	N	2	o	30.08	+08	34	33	-3	E	2	o	3		39	34	o	0.0	-
	Wick...	30.09	43	S	4	o	30.00	-07	42	40	-0	S	4	o	3		45	39	-	*	-
	Nairn...	30.11	23	2	0	b	30.02	-06	20	20	-5	2	0	b	1		31	21	b, bma	0.0	-
	Aberdeen...	30.15	44	SSE	2	o	30.09	-04	43	41	+1	SSE	3	o	3		44	41	o	0.0	-
GERMANY, & C.	Leith...	30.13	39	SE	2	o	30.06	-03	30	29	-10	SE	1	o	2		43	34	o	*	-
	North Shields	30.13	40	S	2	o	30.04	-04	39	37	-1	S	3	o	4		41	39	o, c	*	-
	Spurn Head...	30.14	40	ESE	2	o	30.09	+03	41	38	0	ESE	4	o	4		41	39	o, c	*	-
	Yarmouth...	30.12	38	E	2	cm	30.15	+09	37	36	0	ESE	5	c	4		39	36	c, cm	0.0	-
	Clacton-on-Sea...	30.10	39	NE	2	o	30.09	+05	37	35	-3	ENE	3	o	2		40	37	og	0.0	-
	Nottingham...	30.14	38	E	2	o	30.10	+04	35	34	-2	ESE	2	o	*		39	34	o	0.0	-
	Bath...	30.11	37	NE	1	o	30.07	+10	34	33	-3	NE	1	o	*		40	33	-	1.5	-
	Oxford...	30.14	35	E	2	o	30.09	+03	34	33	-3	E	2	o	*		38	32	o	0.0	-
	London (St. James' Park)	30.09	38	NE	3	o	30.07	+02	37	35	-3	ENE	2	o	*		41	36	o	0.0	-
	The Scaw (Skagen)	30.35	29	ENE	7	b	30.43	+28	23	22	-13	ENE	6	bc	2		41	23	*	*	-
FRANCE.	Fanö...	30.23	32	SE	2	b	30.23	+14	24	23	-6	ENE	4	c	*		36	23	*	*	-
	Cuxhaven...	30.17	30	NE	1	o	30.23	+06	26	83	0	E	5	o	2		36	26	*	*	-
	The Helder...	30.17	28	E	2	*	30.16	+05	34	33	+5	E	3	o	*		34	27	*	*	-
	Brussels...	*	*	*	*	*	30.10	?	26	26	0	ENE	1	bc	*		31	25	*	*	-
	Berlin...	30.11	30	W	2	b	30.12	-00	26	91	74	MNE	3	o	*		30	25	*	*	-
	Frankfurt...	30.10	30	NE	2	o	30.10	+01	27	88	-5	NE	2	f	*		32	27	*	*	-
	Munich...	30.10	25	E	3	o	30.07	-03	23	100	-3	NE	4	f	*		27	23	*	*	-
	C. Gris Nez...	30.04	30	ENE	4	f	30.04	+09	27	26	-1	NE	3	f	3		32	27	*	*	-
	La Hève...	30.04	30	E	3	m	30.04	+20	27	26	+2	ESE	3	o	2		32	23	*	*	-
	Brest...	29.95	43	ENE	1	m	29.97	+26	41	41	?	ENE	3	bc	5		45	41	*	*	-
SPANISH PENIN.	Lorient...	29.91	41	NE	4	bc	29.97	+24	36	36	-7	E	2	f	5		54	34	*	*	0.04
	Rochefort...	29.90	48	ENE	4	o	29.97	+24	36	36	-7	E	2	f	5		55	45	*	*	-
	Biarritz...	29.82	52	NNE	3	o	29.95	+26	47	45	+2	NNE	1	f	*		57	50	*	*	-
	Paris...	30.03	31	ENE	2	o	30.04	+09	28	28	-2	ENE	2	o	*		33	28	*	*	-
	Belfort...	30.00	20	ENE	6	f	30.02	+02	25	25	0	ENE	5	f	3		28	26	*	*	-
	Lyons...	30.00	31	N	1	o	30.04	+06	29	29	+1	N	4	c	3		34	29	*	*	0.08
	Nice...	29.94	44	E	3	r	29.84	-16	47	42	+7	E	2	r	*		46	40	*	*	0.32
	Perpignan...	29.75	47	NW	3	r	29.86	+12	45	43	+5	NW	4	r	2		52	40	*	*	2.44
	Sanguinaire...	30.20	55	S	4	o	30.28	+08	54	54	*	NW	3	r	*		57	52	*	*	-
	Corunna...	30.11	53	NW	5	b	30.13	+14	52	49	0	SW	1	bc	*		57	50	*	*	-
SPANISH PENIN.	Lisbon...	30.28	62	WSW	4	c	30.27	-04	57	56	-1	NNE	5	o	3		63	57	*	*	0.20
	Azores (P. Delgada)...	30.23	63	WSW	1	r	30.32	+08	57	53	-2	NE	5	o	*		64	55	*	*	0.59
	" Horta...	30.23	63	WSW	1	r	30.32	+08	57	53	-2	NE	5	o	*		64	55	*	*	-

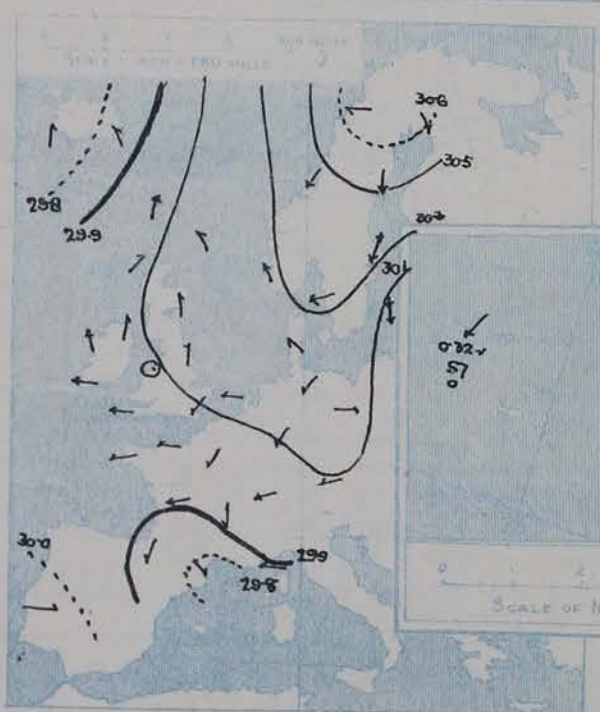
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

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

7 A.M. YESTERDAY

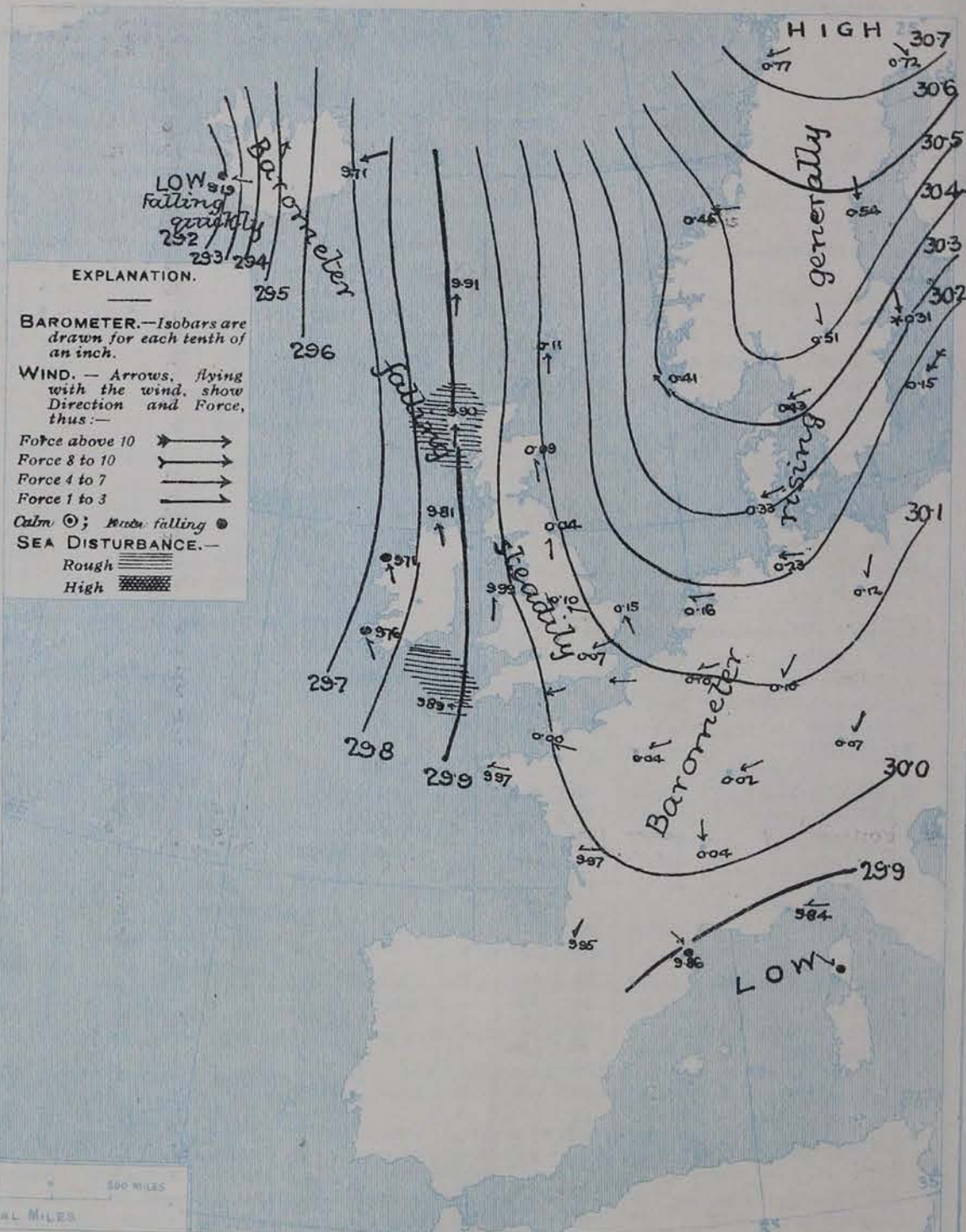


6 P.M. YESTERDAY



Saturday, WEATHER

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



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 ☉; Wind falling ☉

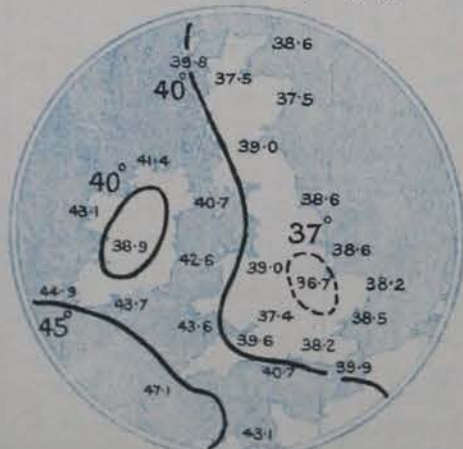
SEA DISTURBANCE.—
Rough
High

NOTES ON THE GENERAL SITUATION AT 7 A.M.

A low pressure system is approaching from the Atlantic and is occasioning a fall of the barometer at all our western and northern stations, as well as in Iceland. The anticyclone over northern Europe has increased in intensity, and in the north of Scandinavia the mercury has risen above 30.7 ins.

The circulation of air over Western Europe is at present anticyclonic. Over England and the neighbouring parts of the Continent the wind is easterly, while in Ireland and Scotland it is south-easterly or southerly, with a tendency to increase at all the western stations. Strong northerly breezes are blowing in Sweden. Temperature has risen slightly in the west and on our extreme south-west coasts the readings are now very little below 50°. At most of our eastern and central stations a further fall has taken place, the thermometer being now below 35° in several places, and as low as 20° at Naim. Frost prevails over a large portion of the Continent. The weather, although fine in a few places, is cloudy or overcast over Western Europe as a whole, with rain at several of the Irish stations, as well as at Reykjavik. Fog prevails in Belgium and the north of France. The sea is rather rough on our south-west coasts and in the neighbourhood of the Hebrides, but moderate or slight elsewhere.

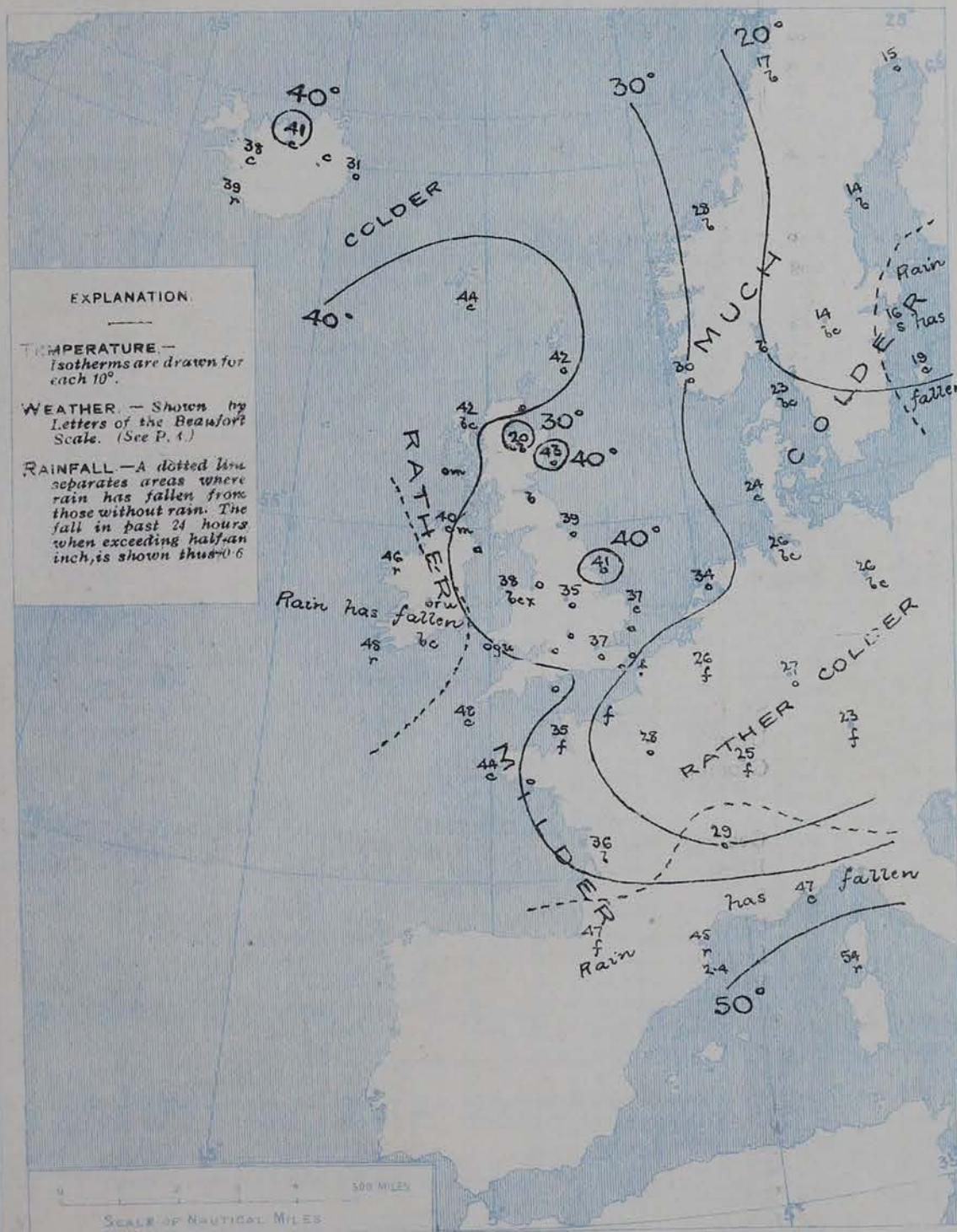
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
DECEMBER — JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



CHARTS

26th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

In several parts of Great Britain the thermometer yesterday failed to reach 40° and at Nairn it did not rise above 31°. Over the northern and eastern parts of the United Kingdom there was an entire absence of bright sunshine, but in the west and south-west the weather was generally much finer; at many of the Helsh stations about 6 hours of bright sunshine were recorded. Very heavy rain has fallen at Penryn the measurement this morning amounting to more than 2.4 inches.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The low pressure system which is approaching our western coasts is likely to occasion a considerable increase of wind in the western and northern parts of the United Kingdom generally, with rain or snow in many places. In the eastern and southeastern districts the wind will freshen from the eastward, but the weather will remain for the present fair and dry. Over Great Britain temperature will continue 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 on face

- 0 } S^{ly} and S.E.^{ly} winds, increasing in force; fair at first, some rain later, snow in places; continuing cold.
 - 1 }
 - 2 } E^{ly} and S.E.^{ly} winds, freshening considerably; fair; cold.
 - 3 }
 - 4 } E^{ly} winds, freshening considerably; fair; cold.
 - 5 }
 - 6 }
 - 7 } S.E.^{ly} winds, increasing in force; fair at first, some rain later; temperature remaining below the normal.
 - 8 }
 - 9 } S.E.^{ly} winds increasing in force; dull, some rain; rather milder.
 - 10 }
- 11 WESTERN CHANNEL AND BAY
Increasing S.E.^{ly} winds, and a rather rough sea; fair at first, some rain later; milder.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

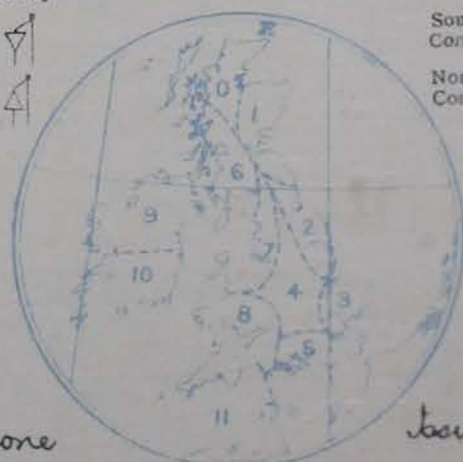
Signals hoisted this morning.

South Cone.

North Cone.

South Cone.

North Cone.



None

Based.

Saturday, 26th December 908

STATIONS.	TEMPERATURE F.		Weather	Sunshine. Hrs.	Rainfall. Ins.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine. Hrs.	Rainfall. Ins.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....						Brighton, to 6 p.m. ...	39	36	*	3.8	-
Rossall Beach, to 6 p.m....						Eastbourne, to 6 p.m. ...	43	37	*	0.0	-
Blackpool, to 9 p.m. ...	37	29	m, b	4.0	-	Bexhill-on-Sea, to 9 p.m.	44	36	g, o	0.0	-
Southport, to 9 p.m. ...	36	28	o, c, f	1.7	-	Hastings	*	*	*	0.0	-
Rhyl, to 6 p.m.			*			Folkestone, to 6 p.m. ...	40	36	b	0.0	-
Colwyn Bay, to 6 p.m. ...	41	34	o	6.0	-	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Élandudno, to 9 p.m. ...	38	34	b, c	5.8	-	Margate, to 6 p.m.	39	35	o	0.0	-
Bettws-y-Coed, to 6 p.m.					*	Felixstowe, to 6 p.m. ...					
Towyn, to 6 p.m.	43	35	b	5.9	-	Lowestoft, to 6 p.m. ...					
Aberystwyth, to 6 p.m....	47	37	*	6.0	-	Skegness, to 6 p.m.... ..	40	36	o	0.0	-
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...					
Torquay, to 6 p.m.... ..	44	40	*	0.0	-	Harrogate, to 6 p.m. * ...	39	31	b, omv, b	0.0	-
Weymouth, to 6 p.m. ...	42	40	o	0.0	-	Buxton, to 6 p.m.	35	30	omv, o	0.0	-
Bournemouth to 6 p.m. ...	42	34	c, b, o	3.5	-	Darwen, to 9 p.m.					
Southsea, to 6 p.m.... ..	42	35	*	4.5	-	Manchester, to 9 p.m. ...					
Worthing, to 6 p.m.	40	38	b, c, o	3.7	-	Birmingham, to 9 p.m....					

STATIONS. 25th Dec. 1908	TEMPERATURE F.		WEATHER.	RAIN. — Ins.	STATIONS. 25th Dec. 1908.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.
	Max.	Min.				Max.	Min.		
Madeira			Observations not received		St. Petersburg				
Marseilles					Utrecht				
Malta					Groningen				
Algiers									
Tunis					24th Dec. 1908.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Palermo					Geneva	34	*	0	
Naples				Berne	27	*	0		
Brindisi				Coire	36	*	6		
Florence				Castasegna	37	*	0		
Rome				Lugano	41	*	0		
Vienna				Davos	23	*	6		

(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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.

(c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.

(d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

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

[illegible]

26th 27th Dec. 1908.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	{	8.6	11.54	3.42
		8.6	11.54	3.43
Greenwich	{	8.7	12.1	3.54
		8.8	12.1	3.55
Wick	{	9.5	12.13	3.20
		9.5	12.13	3.21
Valencia	{	8.51	12.42	4.33
		8.51	12.42	4.34

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the enquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

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

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

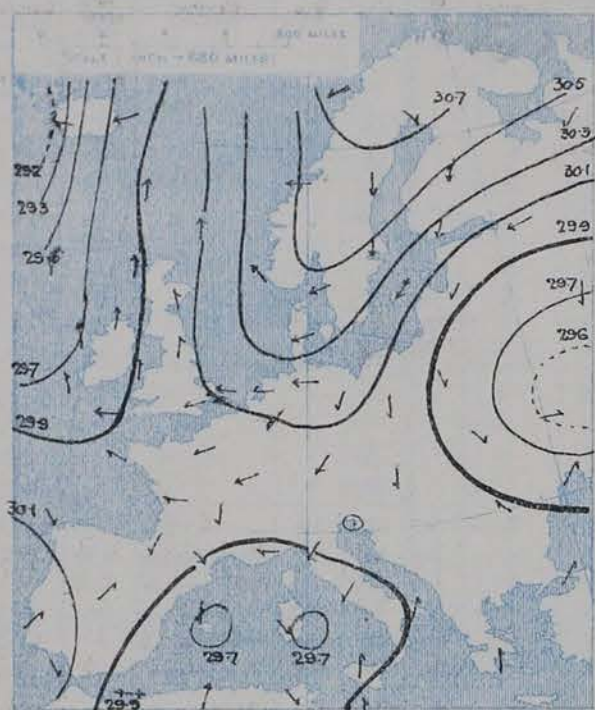
Sunday

27th December, 1908

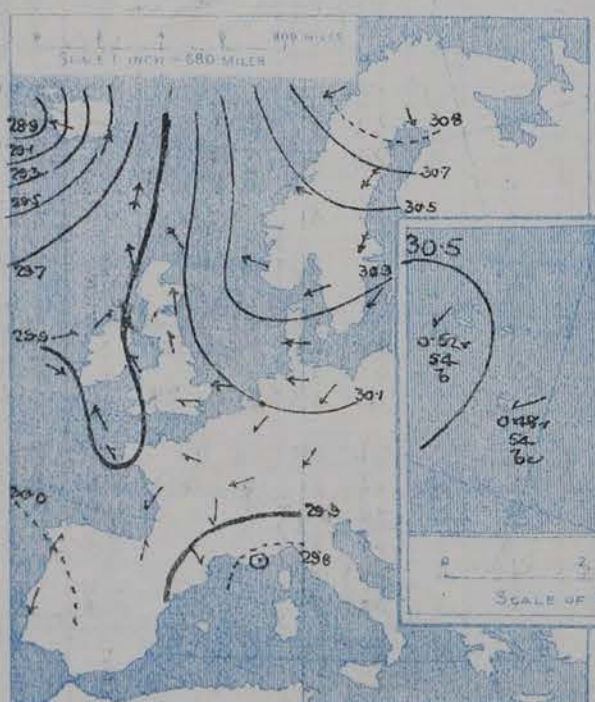
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.			Wind.						Temp.				
		At 82° Fahr. and M.S.L.	Dry Bulb.	Dirac.	Force (0 to 12).	Weather.	At 82° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dirac.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Sun-shine.	Rainfall.
		Ins.					Ins.	Ins.												Hours.	Ins.
SCANDINAVIA.	Haparanda...	30.85	13	NW	4	0	30.84	+0.12	10	10	-5	NNW	2	0	*		16	3	*	*	-
	Hernösand...	30.58	15	NE	8	5	30.61	+0.07	14	13	0	NE	6	0	*		18	12	*	*	0.16
	Stockholm...	30.83	9	NNE	8	bc	30.34	+0.03	9	8	-7	NNE	6	0	*		21	9	*	*	-
	Wisby...	30.26	14	NE	6	c	30.18	00	14	12	-5	NE	6	5	*		19	12	*	*	0.24
	Karlstad...	30.44	14	ENE	6	b	30.44	-0.07	13	12	-1	NNE	6	c	*		*	*	*	*	-
	Færder (X'ania Fjord)	30.45	19	NNE	7	b	30.39	-0.12	17	15	-3	NNE	6	c	2		21	16	*	*	-
	Bodö...	30.81	16	ENE	4	b	30.81	+0.04	16	13	-1	E	5	b	2		18	14	*	*	-
	Christiansund	30.48	23	ESE	4	b	30.54	+0.09	18	16	-7	ESE	5	b	2		25	18	*	*	-
	Skudesnaes	30.45	22	ESE	4	b	30.33	-0.08	24	15	-6	E	6	b	2		30	?	b	*	-
ICELAND & FAEROE.	Reykjavik...	28.89	42	E	6	c	29.41	+0.22	39	*	0	S	6	r	*		*	*	*	*	*
	Blönduos...	29.07	42	SE	1	c	29.49	+0.04	39	*	+1	SE	3	b	*		*	*	*	*	*
	Seydisfjord...	29.53	44	S	6	r	29.79	+0.08	41	*	+10	SE	3	r	*		*	*	*	*	*
	Thorshavn...	29.86	44	S	8	c	30.05	+0.14	37	*	-7	S	6	r	*		*	*	*	*	*
BRITISH ISLANDS.	Sumburgh Head	30.15	39	SE	7	0	30.17	+0.06	33	30	-9	SE	5	0	6		43	30	0	*	0.13
	Stornoway...	29.85	45	SSE	6	0	29.87	+0.03	38	38	-4	SSE	4	r	5		46	37	bc, c, og, or	0.0	0.07
	Castlebay (Barra Id.)	29.82	43	S	4	rm	29.81	-0.03	40	39	-5	SSE	5	r	6		45	33	oggy, rm, or	0.0	1.12
	Malin Head...	29.81	41	SW	3	rm	29.78	-0.03	38	38	-2	S	3	om	2		43	37	omgy, omr, om	*	0.18
	Blacksod Pt.	29.84	43	WSW	3	c	29.85	+0.14	43	42	-3	W	2	bc	2		46	40	cmfo, brm, bcl	*	0.48
	Valencia...	29.93	46	WNW	4	bc	29.97	+0.21	44	39	-4	WNW	4	bc	4		49	38	o, c, bcl	0.8	0.31
	Roche's Point...	29.88	44	N	3	ogp	29.94	+0.10	38	37	-11	NW	3	b	3		50	36	bc, or, o, b	*	0.25
	Birr Castle...	29.87	41	Z	0	0	29.89	+0.05	34	33	-10	Z	0	bx	*		46	31	o, r	0.0	0.12
	Donaghadee...	29.92	42	ESE	4	c	29.77	-0.13	41	40	-2	NNE	3	0	6		45	39	o, c, or	*	0.26
	Liverpool Obsy...	29.99	34	ESE	4	0	29.93	-0.12	32	32	-2	E	3	s	1		35	32	og	0.0	0.04
	Holyhead...	29.91	39	SE	1	om	29.88	-0.11	37	37	-1	S	4	rgm	3		40	35	cm, om	*	0.39
	Pembroke (St. Ann's Hd.)	29.87	42	ESE	6	0	29.87	-0.08	35	34	-5	ENE	3	opst	4		44	34	o, om	0.0	0.28
	Scilly (St. Mary's)	29.83	49	SE	4	r	29.89	00	46	43	-2	NNW	4	c	5		50	45	up, o	0.0	0.28
	Jersey (St. Aubins)	29.95	33	ESE	3	f	29.87	-0.13	34	34	-1	ESE	4	0	3		39	31	ome, ogm	0.0	-
	Portland Bill...	29.93	38	ENE	5	og	29.86	-0.14	38	38	-4	ENE	4	r	4		42	35	og	?	0.02
	Dungeness...	29.95	35	ENE	5	0	29.86	-0.17	34	34	-3	ESE	4	s	5		37	30	c, p, s	0.0	-
	Dover...	30.00	34	E	3	0	29.91	-0.17	32	31	-2	E	2	s	2		34	31	o, oh	0.0	0.03
	Wick...	30.02	42	S	5	r	30.00	00	37	36	-5	S	7	pst	6		44	35	-	*	0.10
	Nairn...	29.96	35	Z	0	b	29.94	-0.08	35	32	+15	SE	2	b	1		39	20	c, cq	1.8	-
	Aberdeen...	30.07	39	SSE	6	r	30.04	-0.05	34	33	-9	SE	6	s	6		43	32	o, c, og, or, og	0.0	0.25
	Leith...	29.99	36	SE	2	b	29.96	-0.10	33	32	+3	SE	2	s	*		39	28	bm, b, bcl	*	0.02
	North Shields	30.05	37	SSE	2	c	30.00	-0.04	31	31	-8	SSE	4	s	4		41	30	o, c	*	0.23
	Spurn Head...	30.03	40	ESE	5	c	29.97	-0.12	33	33	-8	ESE	5	cps	5		41	33	cp, cqv, cps	*	0.03
	Yarmouth...	30.06	38	E	4	c	30.00	-0.15	30	28	-7	ENE	7	ogps	5		40	30	c, o	0.0	0.05
	Clacton-on-Sea...	30.01	38	ENE	5	0	29.94	-0.15	33	32	-4	ENE	5	0	4		39	31	og, c, b, s	0.0	0.01
	Nottingham...	30.04	34	E	1	0	29.97	-0.13	30	29	-5	ESE	4	s	*		36	29	-	0.0	-
	Bath...	29.99	34	NE	1	0	29.91	-0.16	33	32	-1	NE	1	s	*		36	31	-	0.0	-
	Oxford...	29.99	35	E	2	0	29.95	-0.14	33	32	-1	E	2	ogp	*		36	33	0	*	-
	London (St. James's Pk)	30.00	36	E	3	0	29.92	-0.15	33	32	-4	ENE	3	0	*		38	33	0	0.0	-
GERMANY, & C.	The Scaw (Skagen)	30.36	21	ENE	7	b	30.30	-0.13	16	14	-7	ENE	7	0	2		27	16	*	*	-
	Fanö...	30.25	20	E	4	b	30.24	-0.09	15	14	-9	NE	3	bc	*		27	14	*	*	-
	Cuxhaven†...	30.21	26	E	4	0	30.13	-0.10	20	84	-6	E	3	b	*		27	18	*	*	-
	The Helder...	30.14	26	ENE	5	0	30.06	-0.10	21	19	-13	ENE	4	bc	3		34	21	*	*	-
	Brussels...	*	*	*	*	*	29.92	-0.18	24	23	-2	ENE	2	s	*		30	23	*	*	-
	Berlin†...	30.11	21	NE	4	b	30.06	-0.06	16	88	-10	NW	2	b	*		32	14	*	*	-
	Frankfurt†...	30.00	30	NE	2	0	29.95	-0.15	24	70	-3	NE	3	s	*		30	23	*	*	-
	Munich†...	30.01	22	NE	4	0	29.90	-0.17	22	93	-1	E	5	0	*		23	19	*	*	-
FRANCE.	C. Gris Nez...	30.02	29	E	3	0	29.86	-0.18	28	28	+1	ENE	2	0	2		32	28	*	*	-
	La Hève...	29.96	26	E	2	f	29.88	-0.16	26	?	-1	E	1	m	1		32	23	*	*	-
	Brest...	29.88	44	SE	3	f	29.90	-0.07	43	42	-1	N	4	r	5		46	41	*	*	0.24
	Lorient...	29.86	41	E	4	f	29.84	-0.13	36	36	-5	NE	3	m	5		45	36	*	*	0.32
	Rochefort...	29.94	38	NE	2	0	29.82	-0.15	36	36	0	E	3	0	2		39	34	0	*	0.08
	Biarritz...	29.95	50	S	1	c	29.84	-0.11	54	50	+7	NW	4	r	5		55	46	*	*	0.16
	Paris...	29.97	28	ESE	1	0	29.87	-0.17	27	26	-1	ESE	1	0	*		30	27	*	*	-
	Belfort...	29.99	25	ENE	5	f	29.85	-0.17	23	23	-2	Z	0	f	*		26	23	*	*	-
	Lyons...	29.97	28	N	1	f	29.91	-0.13	26	26	-3	E	1	f	*		32	25	*	*	-
	Nice...	29.75	45	Z	0	b	29.68	-0.16	40	40	-7	S	1	c	3		54	40	*	*	-
SPANISH PENIN.	Perpignan...	29.87	49	NW	2	b	29.79	-0.07	49	42	+3	NW	2	b	*		57	41	*	*	0.16
	Sanguinaire...																				
	Corunna...	29.98	55	SSW	3	0	30.22	+0.16	52	48	0	NW	6	0	8		57	46	*	*	1.81
	Lisbon...	30.09	55	N	5	0	30.18	+0.05	50	47	-2	NNE	4	bc	*		57	50	*	*	0.16

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

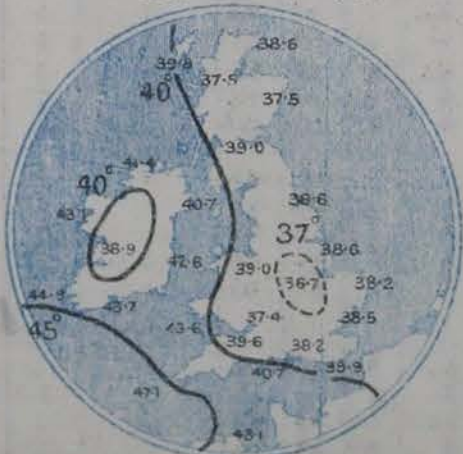
7 A.M. YESTERDAY



6 P.M. YESTERDAY

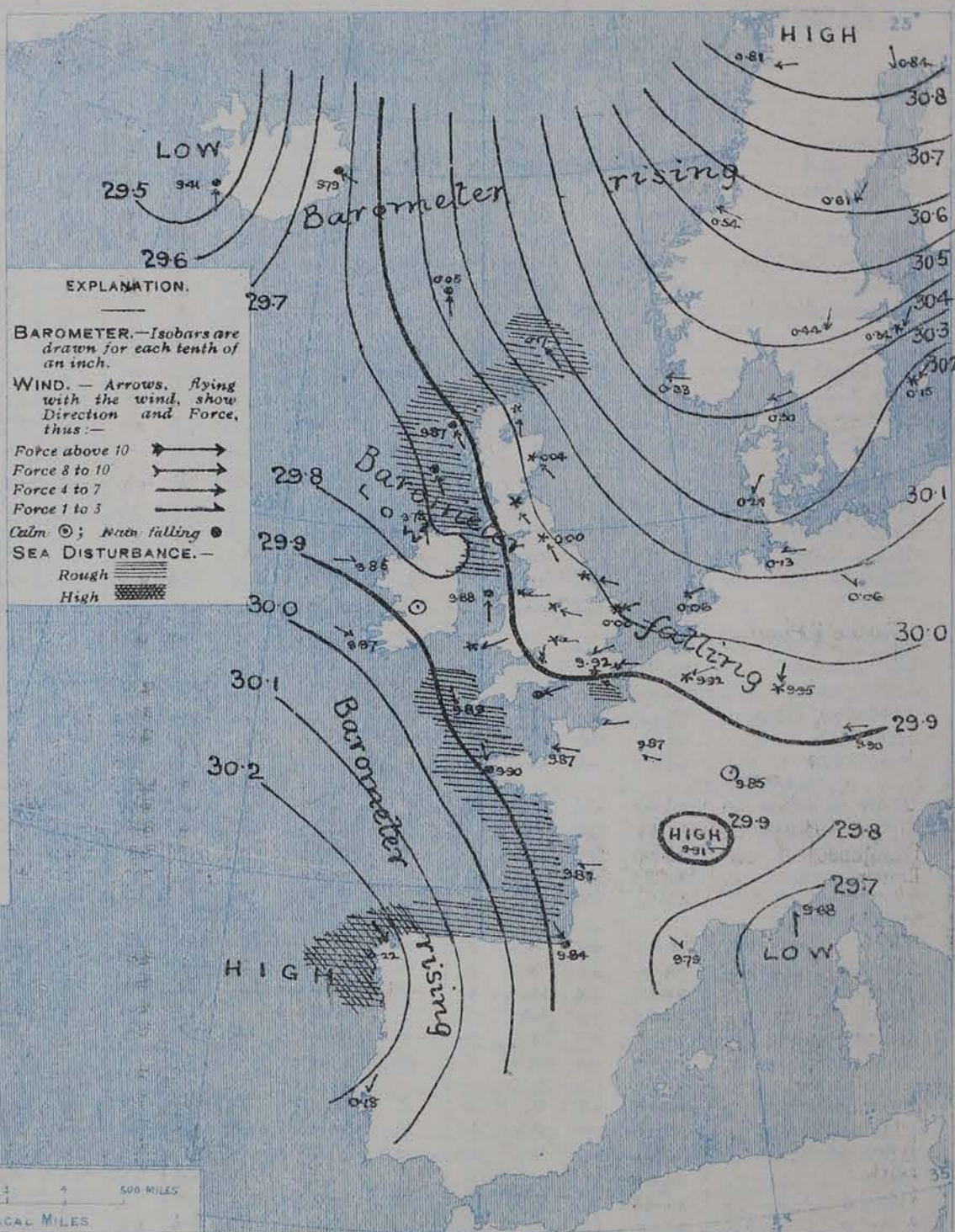


AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Sunday, **WEATHER**

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

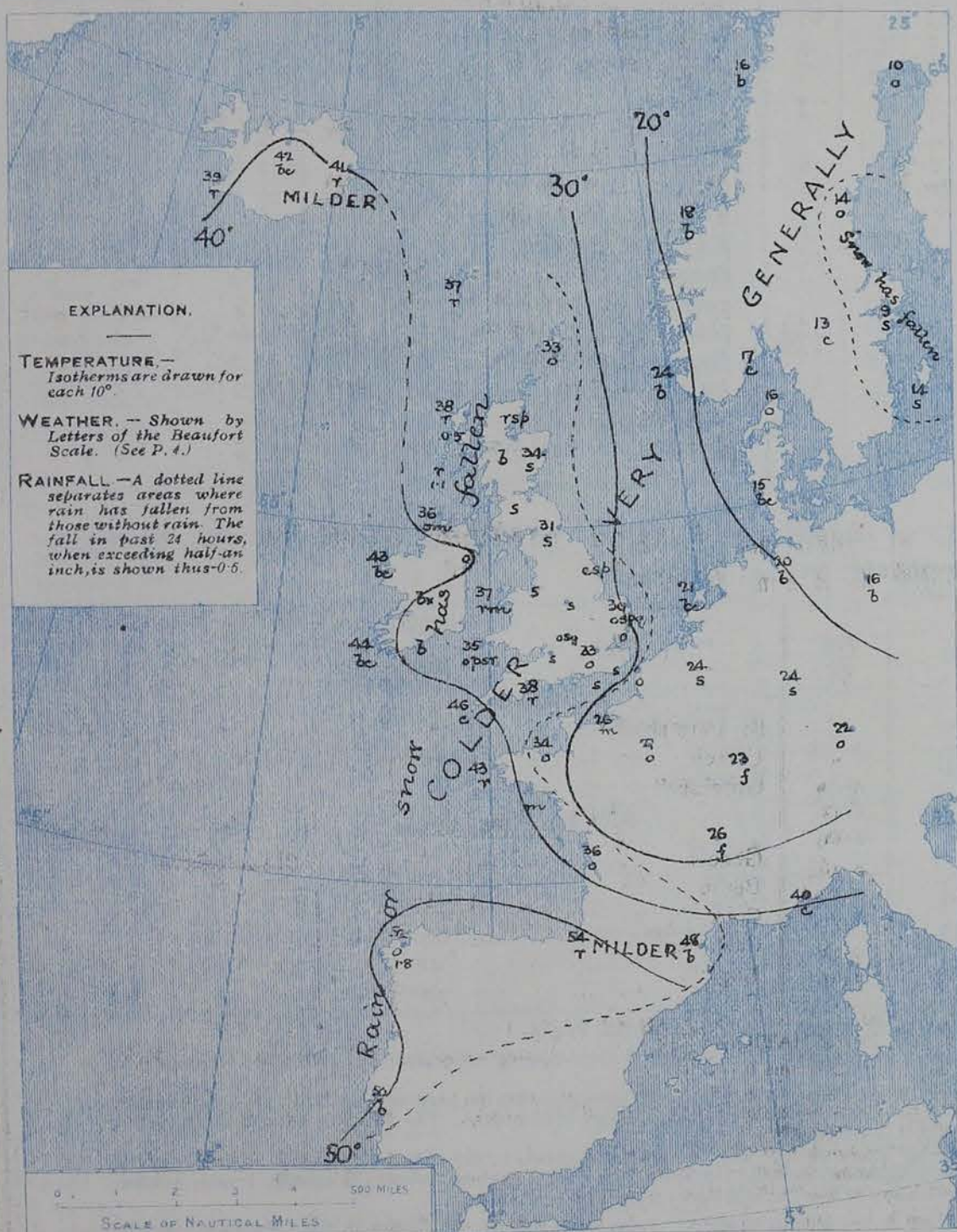
The Scandinavian high pressure system continues to increase in intensity, and the barometer is now above 30.8 ins. at Bodø and Haparanda. Pressure is also high, above 30.5 ins. at the Azores. A shallow belt of low pressure extends from Iceland across Ireland, the south-west of England and France to the Mediterranean, the barometer being below 29.5 ins. in Western Ireland, and below 29.7 ins. at Nice. There is a considerable gradient between Iceland and Norway, elsewhere it is nearly slight.

Over our south-western coasts and down the Bay of Biscay the wind is North-Westerly, light to moderate, but over the rest of the area under observation it is Southerly to Easterly or North-Easterly, variable in force, fresh or strong in many places, high at Yarmouth and Skagen. Temperature has fallen nearly everywhere. Over the British Isles it ranges from 30° at Nottingham and Yarmouth to 46° at Scilly; in Scandinavia from 9° at Stockholm to 24° at Skudenes; over Western Europe from 15° at Faro to 54° at Biarritz; in Iceland from 25° to 42°. Fine clear weather prevails in Norway, North Germany and at a few stations in Iceland and Scotland, but generally it is overcast to dull, snow is falling in nearly all parts of England, the East of Scotland, the Low Countries and on the Baltic, rain at several western stations between Biarritz and Iceland. The sea is rough or rather rough on many sections of our own and the French coasts.

CHARTS

27th December, 1908.

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



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

1

2

3

4

5

6

7

8

9

10

11 WESTERN CHANNEL AND BAY

None issued

NOTES ON YESTERDAY'S WEATHER

During yesterday temperature rose to 50° only at Roche's Point and Kelly, in numerous instances the maxima were below 40°, as low as 34° in places. Frost occurred in the night at several stations, rain reporting a minimum of 20°, and Leith 28°. Rain or snow has fallen in nearly all places, 1.1 in. of rain at Barra. Colwyn Bay reports 3.7 hours of bright sunshine, and Llandudno 2.9 hours, nearly all other stations had none.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

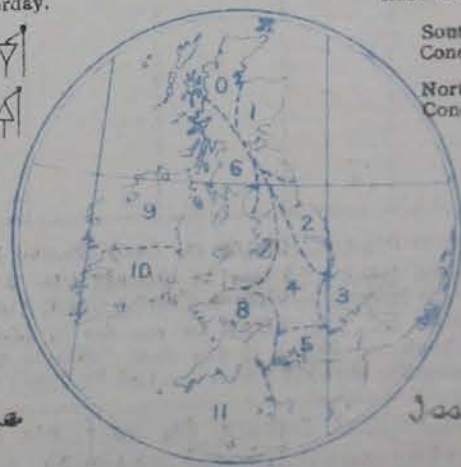
FORECAST DISTRICTS.

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

Signals hoisted yesterday.

South
Cone.
North
Cone.

Signals hoisted this morning.

South
Cone.
North
Cone. 

None

Issued

DAILY WEATHER REPORT.

Sunday, 27th December, 1908.

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.			
Dublin (City), to 4 p.m....	45	39	bg, ogr	*	0.01	Brighton, to 6 p.m. ...	*	*	*	*	*
Rossall Beach, to 6 p.m....	34	29	x, c, o	*	-	Eastbourne, to 6 p.m. ...	*	*	*	*	*
Blackpool, to 9 p.m. ...	35	28	o, c, o	0.6	-	Bexhill-on-Sea, to 9 p.m.	*	*	*	0.0	*
Southport, to 9 p.m. ...	43	22	ogr, b	0.0	-	Hastings ...	*	*	*	0.0	*
Rhyl, to 6 p.m. ...	*	*	*	*	*	Folkestone, to 6 p.m. ...	38	32	b, bc	0.0	-
Colwyn Bay, to 6 p.m. ...	36	31	b, bc	3.7	*	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Elandudno, to 9 p.m. ...	39	30	m, bc, o	2.9	-	Margate, to 6 p.m. ...	36	33	o	0.0	-
Bettws-y-Coed, to 6 p.m.	*	*	*	*	*	Felixstowe, to 6 p.m. ...	*	*	*	*	*
Towyn, to 6 p.m. ...	39	31	bc	2.4	-	Lowestoft, to 6 p.m. ...	*	*	*	*	*
Aberystwyth, to 6 p.m....	42	29	*	1.5	-	Skegness, to 6 p.m....	39	37	c	0.0	-
Plymouth, to 9 p.m. ...	*	*	*	*	*	Scarborough, to 9 p.m. ...	42	36	o	0.0	-
Torquay, to 6 p.m....	45	41	*	0.0	0.09	Harrogate, to 6 p.m. ...	37	31	b, om, bc, b	0.0	-
Weymouth, to 6 p.m. ...	40	37	c, bc, o	1.5	-	Buxton, to 6 p.m. ...	34	30	o, b, c	0.0	-
Bournemouth to 6 p.m. ...	38	34	o	0.0	-	Darwen, to 9 p.m. ...	34	28	bc, o, bc	1.1	-
Southsea, to 6 p.m....	*	*	*	*	*	Manchester, to 9 p.m. ...	*	*	*	*	*
Worthing, to 6 p.m. ...	36	33	o	0.0	-	Birmingham, to 9 p.m....	34	31	o	0.0	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 26th Dec. 1908	TEMPERATURE F.		WEATHER.	RAIN. Ins.	STATIONS. 26th Dec. 1908	TEMPERATURE F.		WEATHER.	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira ...	not	received			St. Petersburg ...	30	7	s, s	0.20
Marseilles ...	50	48	r, o	0.08	Utrecht ...	30	25	m, o	-
Malta ...	62	53	b	-	Groningen ...	30	25	m, o	-
Algiers ...	66	48	bc, r	0.16					
Tunis ...	63	39	b, c	-	Geneva ...	30	*	o	Measured 7.30 a.m.
Palermo ...	62	42	b, o	-	Berne ...	25	*	o	-
Naples ...	53	46	b, o	0.24	Coire ...	37	*	b	-
Brindisi ...	56	37	bc, b	-	Castasegna ...	36	*	b	-
Florence ...	49	33	b, b	-	Lugano ...	43	*	bc	-
Rome ...	53	43	b, o	-	Davos ...	23	*	b	-
Vienna ...	30	25	o, 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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

WIRELESS TELEGRAMS FROM SHIPS OF H.M. NAVY.

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

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis-turb-ance.
	Lat.	Long.		Dirco.	Force.		Dry Bulb.	Wet Bulb.	Sea.	
	°	°	Ins.				°	°	*	

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

27th & 28th Dec. 1908.		Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.6	11.54	3.43
Greenwich	8.6	11.55	3.44
Wick	8.8	12.1	3.55
Valencia	8.8	12.2	3.56
		9.5	12.13	3.21
		9.5	12.14	3.22
		8.51	12.42	4.34
		8.51	12.43	4.35

TERMS OF SUBSCRIPTION for the Daily Weather Report, forwarded by Book Post, £1 per annum, payable quarterly in advance.

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FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the enquiry and reply Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (Director.)

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

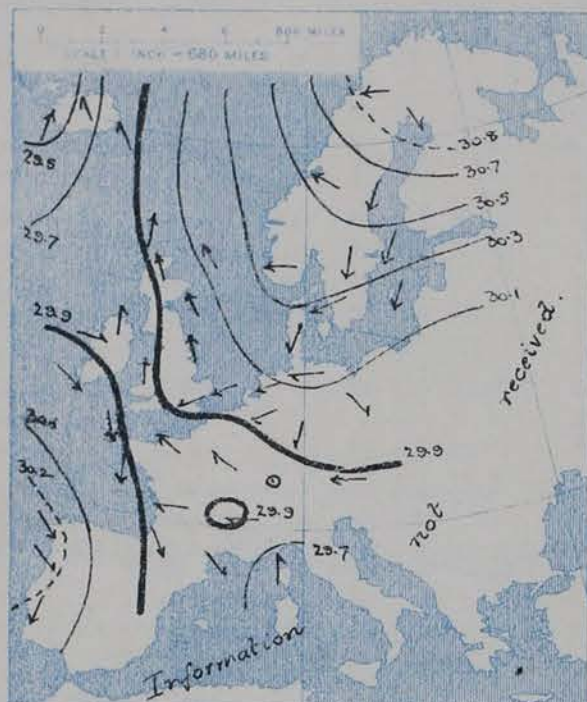
Monday,
28th December, 1908.

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.	Dry Bulb.		Dirac.	Force (0 to 12).	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.		Dirac.	Force (0 to 12).				Max.	Min.
SCANDINAVIA.		Ins.					Ins.	Ins.	°	°	°					°	°		Hours.	Ins.	
	Haparanda...	30.77	9	N	2	b	30.66	-1.18	6	6	-4	N	2	o	*	14	7	*	*	-	
	Hernösand ...	30.59	13	NE	6	o	30.59	-0.02	13	12	-1	NE	4	bc	*	16	12	*	*	-	
	Stockholm ...	30.37	7	NNE	6	c	30.38	+0.04	10	9	+1	NNE	4	o	*	10	7	*	*	-	
	Wisby...	30.23	15	E	4	o	30.27	+1.12	17	15	+3	ENE	4	o	*	17	10	*	*	0.16	
	Karlstad ...	30.42	12	ENE	4	c	30.43	-0.01	13	13	0	ENE	2	s	*	18	12	*	*	-	
	Färder (X'ania Fjord)	30.36	14	ENE	6	c	30.41	+0.02	15	14	-2	ENE	5	o	2	18	12	*	*	-	
	Bodö ...	30.74	18	SW	4	b	30.64	-1.17	18	18	+2	E	4	b	2	18	14	*	*	-	
	Christiansund ...	30.50	15	ESE	6	b	30.49	-0.05	15	14	-3	ESE	2	b	2	18	14	*	*	-	
	Skudesnaes ...	30.30	16	E	6	o	30.27	-0.06	16	14	-8	E	6	b	2	24	14	*	*	-	
ICELAND & FAEROE.	Reykjavik ...	29.60	38	S	5	c	29.37	-1.14	35	*	-4	SE	8	c	*	*	*	*	*	*	
	Blönduos ...	29.79	37	S	1	b	29.62	+1.13	36	*	-3	SE	7	bc	*	*	*	*	*	*	
	Seydisfjörð...	30.05	41	SE	5	r	29.96	+1.17	33	*	-8	ENE	9	s	*	*	*	*	*	*	
	Thorshavn ...	30.17	34	SSE	6	c	29.97	-0.08	32	*	-5	S	5	c	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	30.16	25	ESE	4	cep	29.97	-1.20	27	27	-6	SE	4	s	6	33	22	c, s	*	0.02	
	Stornoway ...	29.91	36	SE	6	o	29.79	-0.08	33	33	-5	S	5	c	5	39	33	or, op, sq, c	0.0	0.34	
	Castlebay (Barra Id.)	29.85	37	ESE	5	ogm	29.72	-0.09	38	36	-2	SE	6	omv	6	40	35	rm, s, ogm	0.0	0.20	
	Malin Head	29.70	37	SSE	7	omgp	29.66	-1.12	34	34	-4	S	5	ogm	3	39	34	omp, omg	*	0.15	
	Blacksod Pt.	29.77	35	E	1	b	29.61	-1.24	36	35	-7	SSE	4	r	3	43	35	bchp, omv	*	0.12	
	Valencia ...	29.82	45	WNW	5	c	29.64	-1.33	40	39	-4	SE	3	rg	5	46	38	cp, or	0.3	0.48	
	Roche's Point ...	29.80	38	NW	3	b	29.72	-1.22	41	40	+3	W	1	r	2	43	35	boy, hq, r	*	0.12	
	Birr Castle ...	29.78	33	SW	2	o	29.70	-1.19	35	34	+1	S	2	b	*	37	31	crs, b	1.1	0.10	
	Donaghadee ...	29.80	37	E	6	rg	29.82	+0.05	35	32	-6	E	6	rg	5	41	27	or, omg, op	*	0.25	
	Liverpool Obsy...	29.89	26	E	5	s	29.93	0.0	25	24	-7	ESE	3	o	?	33	24	o, s	0.0	0.20	
	Holyhead ...	29.76	35	S	3	rk	29.84	-0.04	29	28	-8	SE	1	s	1	37	28	or, h	*	0.42	
	Pembroke (St. Ann's Hd.)	29.75	35	NE	2	r	29.80	-0.07	36	33	+1	ESE	7	ou	5	41	32	ops, bchp, rs	2.1	0.40	
	Scilly (St. Mary's) ...	29.77	44	WNW	5	r	29.72	-1.17	44	43	-2	E	4	r	5	48	43	r, b	2.8	0.20	
	Jersey (St. Aubins) ...	29.85	34	ESE	3	o	29.82	-0.05	31	30	-3	ESE	3	o	3	39	28	cm, os, og	0.0	0.23	
	Portland Bill ...	29.82	37	E	4	c	29.86	0.0	34	33	-4	E	6	c	5	39	33	s, c, s	0.0	0.33	
	Dungeness ...	29.87	32	ENE	5	bc	29.87	+0.01	29	29	-5	E	5	oq	5	34	27	s, gfs	0.0	0.04	
	Dover ...	29.92	28	ENE	2	c															
	Wick ...	30.03	32	SSE	7	s	29.90	-1.10	31	30	-6	S	6	c	6	37	28	-	*	0.12	
	Nairn ...	30.00	31	SE	1	c	29.89	-0.05	28	27	-7	Z	0	b	1	35	20	c	0.0	-	
	Aberdeen ...	30.02	34	SE	4	o	30.00	-0.04	28	28	-6	SSE	4	o	5	34	27	ag, sp, op, p	0.0	1.28	
	Leith ...	29.95	32	SE	2	c	29.95	-0.01	26	25	-7	SE	1	b	*	34	24	sp, bc, o, b	*	-	
	North Shields ...	29.98	29	SSE	4	s	29.98	-0.02	31	30	0	ESE	4	r	5	33	23	s	*	0.36	
	Spurn Head ...	29.96	31	SE	5	c	29.99	+0.02	26	25	-7	SW	2	vsp	4	34	26	vsp	*	-	
	Yarmouth ...	29.99	30	E	6	c	30.00	0.0	28	28	-2	E	5	bc	4	31	27	c	0.0	-	
	Clacton-on-Sea ...	29.94	29	ENE	5	o	29.98	+0.04	28	27	-5	ENE	4	o	4	33	27	ogap, ap	0.0	-	
	Nottingham ...	29.95	27	ESE	4	c	29.95	-0.02	22	21	-8	E	1	b	*	30	21	-	0.0	0.01	
	Bath ...	29.88	32	NE	1	r	29.93	+0.02	25	25	-8	E	1	b	*	33	25	-	0.0	0.05	
	Oxford ...	29.92	27	E	3	s	29.98	+0.03	19	19	-14	Z	0	cm	*	33	19	s	*	0.03	
	London (St. James's Pl)	29.92	30	E	4	os	29.94	+0.02	28	27	-5	ENE	3	bc	*	34	26	os	0.0	0.04	
GERMANY, & C.	The Scaw (Skagen)	30.26	16	E	6	c	30.32	+0.02	17	15	+1	ENE	5	c	1	19	14	*	*	-	
	Fanö ...	30.13	14	NE	4	o	30.15	-0.09	17	17	+2	NE	4	c	*	19	12	*	*	-	
	Cuxhaven†...	30.04	20	E	3	o	30.07	-0.06	17	82	-3	E	4	8	*	21	16	*	*	-	
	The Helder ...	30.03	20	ENE	2	b	30.01	-0.05	19	18	-2	E	2	bc	*	23	18	*	*	0.04	
	Brussels ...	*	*	*	*	*	29.88	-0.04	14	14	-10	NE	2	s	*	25	13	*	*	0.04	
	Berlin†...	30.07	13	ENE	2	c	30.10	+0.04	14	93	-2	ENE	3	o	*	27	12	*	*	-	
	Frankfurt†...	29.91	22	N	3	o	29.86	-0.09	19	88	-5	N	3	o	*	30	18	*	*	-	
	Munich†...	29.90	20	E	5	o	29.82	-0.08	18	92	-4	E	4	o	*	22	18	*	*	-	
FRANCE.	C. Gris Nez ...	29.85	24	ENE	3	o	29.89	+0.03	22	22	-6	E	4	bc	4	28	21	*	*	-	
	La Hève ...	29.89	27	SE	2	m	29.85	-0.03	21	21	-5	ENE	2	bc	2	32	19	*	*	0.08	
	Brest ...	29.91	43	NW	5	o	29.75	-1.15	43	41	0	NE	2	bc	5	46	43	*	*	0.20	
	Lorient ...	29.86	45	NW	5	o	29.75	-0.09	33	33	-3	ENE	5	o	5	46	32	*	*	0.24	
	Rochefort ...	29.95	39	N	3	bc	29.71	-1.11	38	36	+2	N	5	o	48	38	bc	*	0.83		
	Biarritz ...	30.00	50	NW	8	r	29.80	-0.04	46	45	-8	SW	8	r	8	54	41	*	*	-	
	Paris ...	29.87	27	ENE	1	o	29.79	-0.08	23	22	-4	NNE	3	o	*	28	22	*	*	0.04	
	Belfort...	29.79	26	ENE	2	m	29.72	-1.13	21	21	-2	? E	5	s	*	26	20	*	*	0.04	
Lyons ...	29.88	27	E	1	o	29.77	-1.14	26	26	0	E	1	s	*	29	26	*	*	0.43		
Nice ...	29.66	43	E	4	r	29.61	-0.07	36	36	-4	E	2	r	3	50	36	*	*	-		
Perpignan ...	29.77	51	NW	6	o	29.66	-1.13	44	39	-4	W	2	o	*	61	41	*	*	-		
Sanguinaire ...	?	50	NW	2	o	?	?	52	50	?	E	3	o	*	*	*	*	*	-		
SPANISH PENIN.	Corunna ...	30.28	50	NNW	4	b	30.33	+1.13	49	46	-1	NNW	1	b	*	54	46	*	*	-	
	Lisbon ...	30.51	54	ENE	2	bc	30.49	+0.01	57	51	+3	S	4	o	3	59	54	*	*	-	
	Azores (P. Delgada)...	30.51	57	SSW	3	c	30.44	-0.08	58	53	+4	SSW	4	o	3	61	54	*	*	-	
	Horta ...																				

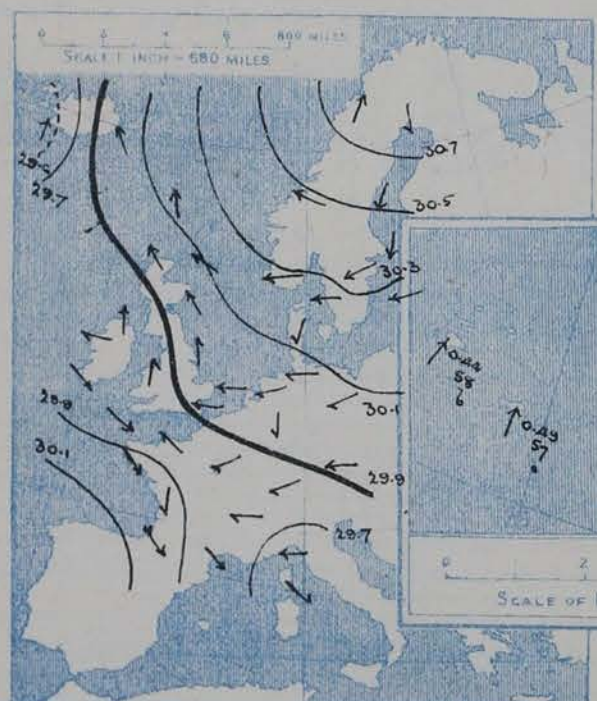
SUPPLEMENTARY CHARTS OF BAROMETER AND WIND

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

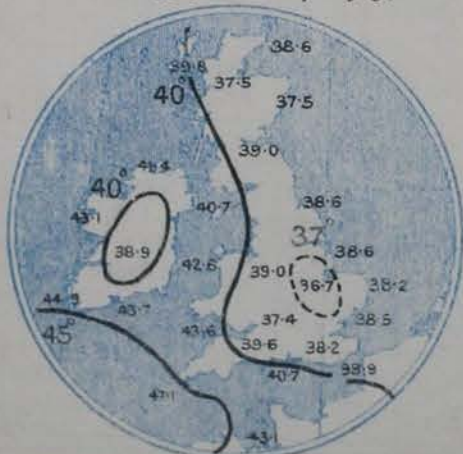
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



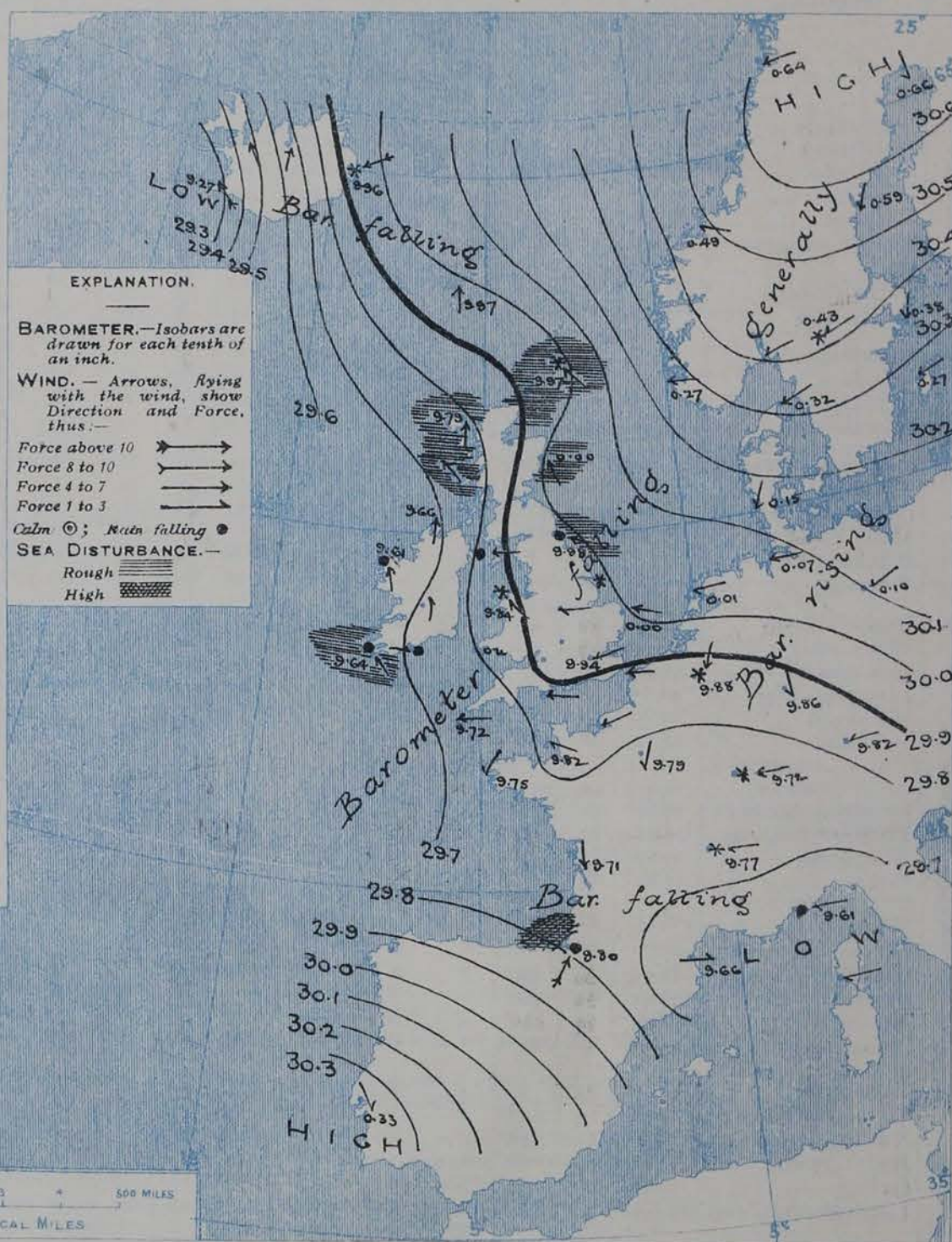
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Monday.

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

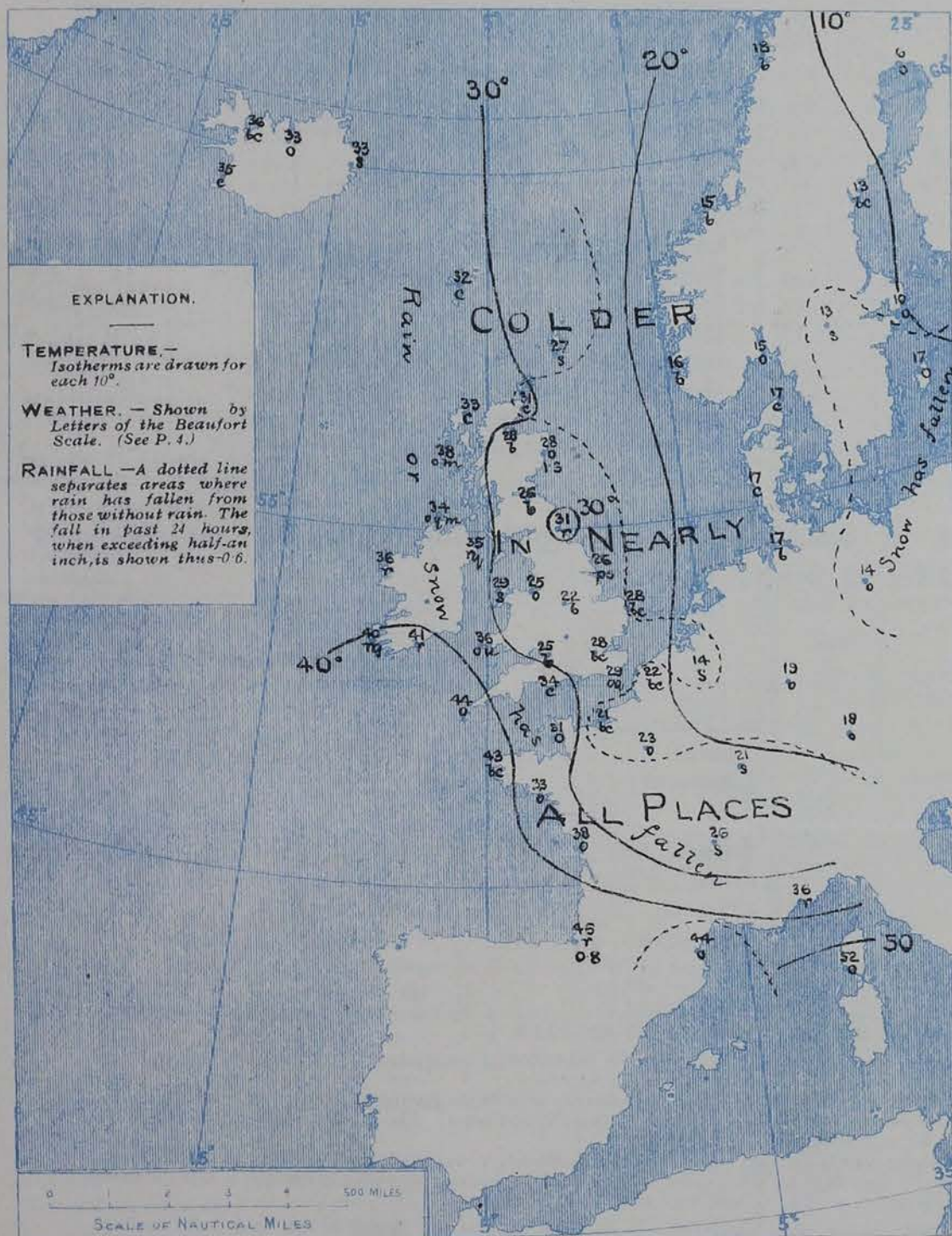
The barometer is now above 30.6 ins. in a large anticyclone over the northern portion of Scandinavia, while it is as low as 29.3 ins. in the north-west of Ireland, and below 29.7 ins. in a depression of considerable size over the southern half of France. The changes in progress appear to be slight over these Islands, but both over France and Ireland the mercury seems to be falling rather decidedly.

Strong winds or gales from between East and South-East prevail over the Icelandic region, and light to fresh breezes between South-East and South in the north and west of these Islands, but over Scandinavia, Denmark, England and most of France and Germany a light to moderate or fresh Easterly breeze is reported. At Biarritz there is a gale from the South-Westward. Temperature has fallen, and is now very generally, over the United Kingdom it ranges from 44° at Scilly and 40° in the south of Ireland to 26° at Louth and to below 20° at some places in the midlands. The weather is fair in a few localities, but generally there is much cloud. Rain is falling at some Irish stations, rain or snow on the east coast of England, and snow at Holyhead and Dunburgh Head. Rain is also prevalent at Nice and Biarritz, and snow in some parts of the Continent further north.

CHARTS

28th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer remained below 35° in many parts of Great Britain, and below 32° in some English localities. Sharp frost occurred during the night, the readings being about 20° in various parts of England and Scotland. In London the thermometer on the grass fell to 21° and at Oxford to 12°. Snow has fallen very generally, the amount being large in some localities; at Aberdeen the quantity of water yielded is 1.28 inch. Scarcely any bright sunshine was recorded yesterday.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The high pressure system over Scandinavia and the low pressure systems on the Atlantic and over France appear likely to maintain their positions with little modification for the present, so that the Easterly to South Easterly type of weather conditions will continue.

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 Easterly and Easterly winds, fresh in places; changeable, snow at times. Temperature continuing low.
- 1 }
- 2 } Wind mainly Easterly, light or moderate generally, fresh or strong in exposed places; cloudy or overcast, some more snow very probable. Temperature mostly below freezing point.
- 3 }
- 4 }
- 5 }
- 6 } Same as No. 0 and 1.
- 7 } South Easterly and Easterly winds, light to fresh; cloudy or dull, some snow. Very cold.
- 8 } Same as No. 2 to 5
- 9 } Wind mainly between South East and East, fresh in places; cloudy or dull; some snow and sleet; temperature below the normal.
- 10 }

WESTERN CHANNEL AND BAY

Wind mainly Easterly, fresh or strong at times, sea rather rough; snow showers probable.

FORECAST DISTRICTS.

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

Signals hoisted yesterday.

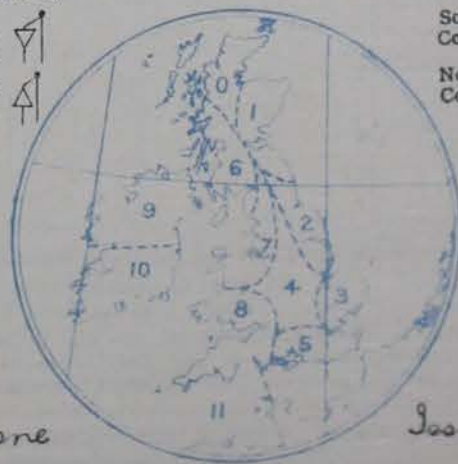
Signals hoisted this morning.

South Cone.

North Cone.

South Cone.

North Cone.



Monday, 28th December, 1908.

STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m. ...				Hrs.	Ins.	Brighton, to 6 p.m. ...	35	33	*	0.8	-
Rossall Beach, to 6 p.m. ...	34	28	cs, 0.5m	*	0.04	Eastbourne, to 6 p.m. ...	35	29	*	0.0	0.02
Blackpool, to 9 p.m. ...	34	28	S, 0	0.0	0.10	Bexhill-on-Sea, to 9 p.m. ...	37	31	S, 7u	0.0	0.03
Southport, to 9 p.m. ...						Hastings	*	*	*	0.0	*
Rhyl, to 6 p.m.			*			Folkestone, to 6 p.m. ...	35	26	S, 0, cs	0.0	-
Colwyn Bay, to 6 p.m. ...	36	30	S, 0	0.0	0.14	Ramsgate, to 6 p.m. ...	*	*	*	0.5	-
Elandudno, to 9 p.m. ...				0.0		Margate, to 6 p.m.	33	27	S	0.2	0.05
Bettws-y-Coed, to 6 p.m.					*	Felixstowe, to 6 p.m. ...					
Towyn, to 6 p.m.	36	33	T, S, 0	0.0	0.10	Lowestoft, to 6 p.m. ...	35	27	0, S, C, 0	0.0	-
Aberystwyth, to 6 p.m. ...	36	29	*	0.2	0.18	Skegness, to 6 p.m.	32	28	sq, 7c	1.2	0.05
Plymouth, to 9 p.m. ...						Scarborough, to 9 p.m. ...		28		0.0	0.16
Torquay, to 6 p.m.	41	35	*	0.0	0.56	Harrogate, to 6 p.m. ...	33	25		0.0	0.01
Weymouth, to 6 p.m. ...	34	32		0.0	0.17	Buxton, to 6 p.m.					
Bournemouth to 6 p.m. ...	34	32	rs, S	0.0	0.05	Darwen, to 9 p.m.					
Southsea, to 6 p.m.	35	34	*	0.0	-	Manchester, to 9 p.m. ...					
Worthing, to 6 p.m.	34	31	0, C, 0.7S	0.3	-	Birmingham, to 9 p.m. ...	34	24	0, S	0.0	0.13

STATIONS. 27th Dec. 1908.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.	STATIONS. 27th Dec. 1908.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.
	Max.	Min.				Max.	Min.		
Madeira			Observations not recd.		St. Petersburg				
Marseilles					Utrecht				
Malta					Groningen				
Algiers									
Tunis									
Palermo					26th Dec. 1908.	1.30 p.m.		1.30 p.m.	Measured 7.30 a.m.
Naples					Geneva	30	*	0	"
Brindisi					Berne	27	*	0	"
Florence					Coire	23	*	m	"
Rome					Castasegna	34	*	6	"
Vienna					Lugano	45	*	6	"
					Davos	25	*	6	"

(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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.

(c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.

(d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

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

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- turb- ance.
	Lat.	Long.		Direc.	Force.		Air.		Sea.	
							Dry Bulb.	Wet Bulb.		
	o	o	Ins.				o	o	o	

25th & 29th Dec. 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
Yarmouth	8.6 8.6	11.55 11.55	3.44 3.45
Greenwich	8.8 8.8	12.2 12.2	3.56 3.57
Wick	9.5 9.5	12.14 12.14	3.22 3.23
Valencia	8.51 8.51	12.43 12.43	4.35 4.36

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the enquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

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

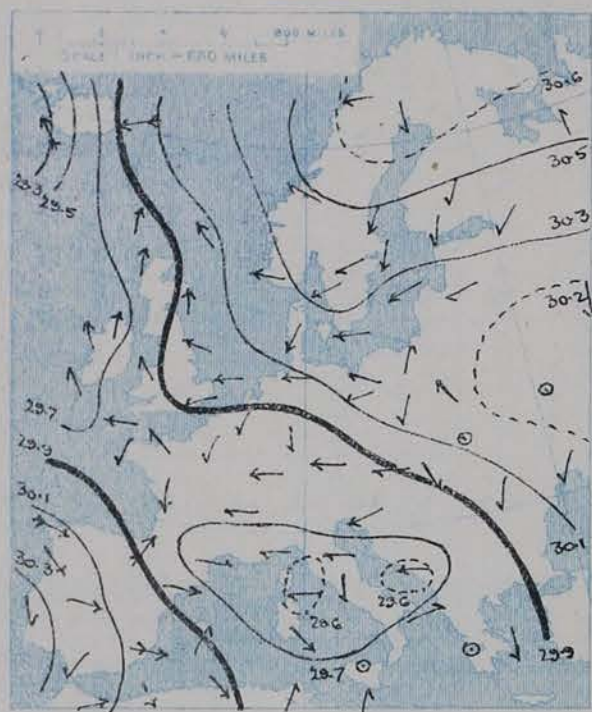
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Tuesday

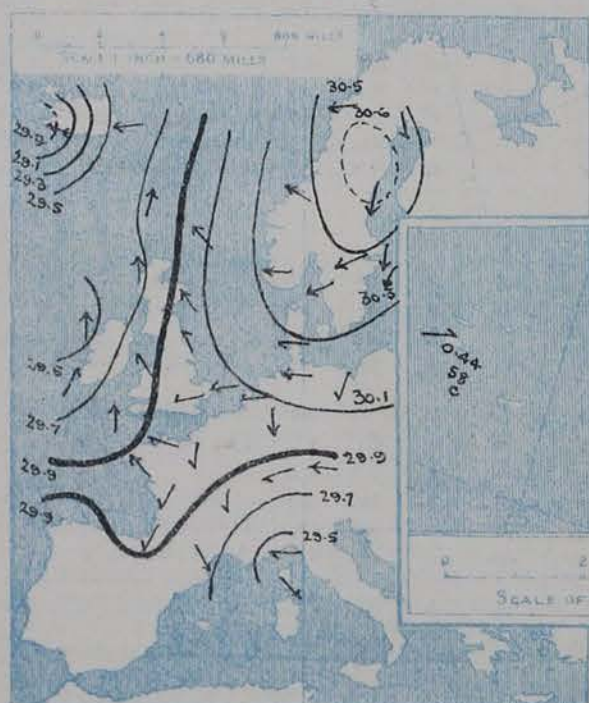
29th December, 1908

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 82° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).				Max.	Min.					
				At 82° Fahr. and M.S.L.	Change since Yesterday.							Dry Bulb.	Wet Bulb.							Change since Yesterday.	Direc.
Ins.		°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	Hours.	Ins.			
SCANDINAVIA.	Haparanda...	30.50	13	N	2	0	30.52	-14	25	23	+19	2	0	0	*	25	1	*	*	0.04	
	Hernösand...	30.61	13	NE	4	0	30.56	-03	5	4	-8	2	0	6	*	16	25	*	*	-	
	Stockholm...	30.45	14	NNE	4	5	30.49	+11	11	10	+1	NNE	2	0	*	14	5	*	*	-	
	Wisby...	30.32	18	NE	4	0	30.39	+12	15	13	-2	E	4	0	*	18	12	*	*	0.08	
	Karlstad...	30.50	18	ENE	6	0	30.52	+09	12	12	-1	N	2	6	*	*	*	*	-		
	Færder (X'ania Fjord)	30.43	19	NE	6	0	30.43	+02	19	18	+4	ENE	6	0	2	19	14	*	*	-	
	Bodö...	30.59	21	E	4	6	30.32	-32	*	*	*	*	*	*	*	*	*	*	*	-	
	Christiansund	30.45	19	ESG	5	6	30.30	-19	22	20	+7	ESG	2	6	2	22	2	*	*	-	
Skudesnaes	30.38	20	E	6	6	30.20	-07	24	21	+8	E	8	6	2	24	16	*	*	-		
ICELAND & FAEROE.	Reykjavik...	28.91	32	E	9	S			*	*	*	*	*	*	*	*	*	*	*	*	
	Blönduos...	29.33	33	SE	5	6			*	*	*	*	*	*	*	*	*	*	*	*	
	Seydisfjord...	29.58	30	ENE	6	6			*	*	*	*	*	*	*	*	*	*	*	*	
	Thorshavn...	29.71	37	S	7	6			*	*	*	*	*	*	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	30.04	30	SE	7	OSP															
	Stornoway...	29.65	35	SSE	7	OSP	29.34	-46	35	33	+8	SSW	8	OSP	7	36	29	OSP, OSP	0.0	0.55	
	Castlebay (Barra Id.)																				
	Malin Head	29.41	33	SSE	9	SPY															
	Blacksod Pt.	29.45	50	SSE	6	nm															
	Valencia	29.58	50	SSW	2	om	29.50	-14	46	44	+6	NW	5	C	5	53	39	OSP, OSP	0.0	0.56	
	Roche's Point	29.63	47	WSW	2	0	29.46	-26	47	46	+6	W	2	6	5	51	41	OSP, OSP	0.0	0.62	
	Birr Castle	29.58	42	SSE	6	r	29.41	-29	45	44	+10	W	3	OSP	*	50	35	OSP	0.0	0.88	
	Donaghadee	29.84	32	SSE	7	SPY															
	Liverpool Obsy...	30.01	26	ESE	4	0	29.67	-26	22	22	-3	ESE	6	S	7	27	21	OSP, OSP	0.0	0.10	
	Holyhead	29.89	27	SE	2	SPY	29.49	-35	35	34	+6	S	7	OSP	5	35	27	OSP, OSP	0.0	0.02	
	Pembroke (St. Ann's Hd.)	29.83	33	ESE	7	S	29.49	-31	39	38	+3	SE	7	OSP	6	40	32	OSP, OSP	0.0	0.64	
	Scilly (St. Mary's)	29.79	40	SSE	6	r	29.50	-22	48	47	+4	SSW	5	r	5	48	40	r	?	0.62	
	Jersey (St. Aubins)	29.99	31	ESE	4	C	29.76	-06	30	30	-1	ESE	7	OSP	5	34	27	OSP, OSP	0.3	0.01	
	Portland Bill	29.97	35	E	6	C	29.70	-16	33	33	-1	SE	7	S	5	37	32	C	3.3	0.05	
	Dungeness	29.99	30	NE	5	OSP	29.87	00	25	25	-4	SE	5	0	5	31	22	OSP, C	2.3	-	
	Dover	30.02	27	NE	3	C	29.92	+01	21	20	-5	NE	7	0	4	28	20	OSP, C	0.5	-	
	Wick																				
	Nairn																				
	Aberdeen	30.04	31	SE	5	C	29.72	-28	29	29	+1	S	5	S	5	32	26	OSP, OSP	0.0	?	
Leith	29.97	29	E	2	0	29.62	-33	24	24	-2	S	8	2	*	31	23	OSP	*	0.12		
North Shields	30.03	29	SE	2	0	29.83	-15	24	24	-7	SSE	5	S	6	33	22	0	*	0.20		
Spurn Head	30.05	26	SW	1	C	29.85	-14	28	28	+2	SSE	7	0	5	29	?	OSP, OSP	*	-		
Yarmouth	30.07	28	ENE	5	OSP	29.97	-03	26	26	-2	ESE	6	OSP	5	29	25	OSP, OSP	?	0.05		
Clacton-on-Sea	30.06	26	NNW	4	S	29.91	-07	27	25	-1	E	5	0	4	30	24	OSP, OSP	2.4	-		
Nottingham	30.06	24	E	1	6	29.84	-11	23	22	+1	ESE	5	S	*	27	20	-	1.3	0.01		
Bath	30.04	27	NE	1	nm	29.73	-20	30	30	+5	Z	0	S	*	30	23	-	0.2	0.08		
Oxford	30.08	25	E	2	6	29.81	-17	23	23	+4	ESE	4	S	*	27	19	OSP, C, OSP	*	0.11		
London (St. James's Pk)	30.05	29	ENE	4	OSP	29.89	-05	25	25	-3	SE	3	0	*	30	25	OSP, C, OSP	1.1	-		
GERMANY, & C.	The Scaw (Skagen)	30.26	21	ENE	5	0	30.32	00	23	21	+6	ESG	6	0	2	23	14	*	*	-	
	Fanö...	30.25	16	E	2	OSP	30.19	+04	19	18	+2	NE	2	C	*	23	14	*	*	-	
	Cuxhaven†...	30.15	17	E	4	C	30.17	+10	17	17	0	ESE	4	6	*	19	16	*	*	-	
	The Helder	30.13	20	E	5	6	30.04	+03	12	12	-7	E	2	6	*	23	12	*	*	-	
	Brussels	*	*	*	*	*	30.03	+15	8	7	-6	NE	1	6	*	18	5	*	*	0.04	
	Berlin†...	30.11	6	NE	3	6	30.17	+07	3	36	-11	NE	4	C	*	14	3	*	*	-	
	Frankfurt†...	29.94	16	N	5	0	30.04	+18	12	77	-7	N	2	6	*	25	10	*	*	-	
	Munich†...	29.83	19	E	4	0	30.01	+19	15	91	-3	N	1	S	*	21	14	*	*	-	
FRANCE.	C. Gris Nez	30.03	25	ENE	5	S	29.92	+03	16	16	-6	E	2	0	2	30	16	*	*	-	
	La Hève	30.01	23	E	3	OSP	29.89	+04	19	19	-2	SE	4	C	3	30	18	*	*	-	
	Brest	29.93	36	SE	4	f														0.28	
	Lorient	29.91	34	E	3	0	29.68	-07	41	41	+8	SE	6	r	5	41	32	*	*	-	
	Rochefort	29.98	31	NE	3	OSP	29.93	+22	30	30	-8	ESE	4	0	8	38	28	*	*	1.02	
	Biarritz	29.94	42	NE	1	r	29.95	+15	54	52	-8	NW	7	0	8	54	39	*	*	-	
	Paris	29.99	19	NNE	4	0	30.00	+21	18	16	-5	SE	1	0	*	27	18	*	*	0.04	
	Belfort...	29.78	21	ENE	2	S	30.02	+30	15	15	-6	ENE	2	5	*	25	15	*	*	0.20	
	Lyons	29.88	24	N	3	0	30.06	+29	18	16	-8	WNW	2	6	*	30	17	*	*	-	
	Nice	29.44	34	E	2	0	29.54	-07	33	30	-3	E	4	6	*	39	30	*	*	0.24	
Perpignan	29.73	42	NW	4	6	29.85	+19	41	36	-3	NE	4	C	*	45	39	*	*	-		
Sanguinaire	?	49	NW	4	0	?	?	52	48	0	NW	7	C	6	61	45	*	*	-		
SPANISH PENIN.	Corunna	30.18	55	WNW	5	0	30.18	00	54	50	+3	SW	3	0	8	57	48	*	*	0.12	
	Lisbon																	*	*	-	
	Azores (P. Delgada)																	*	*	-	
" Horta	30.44	58	W	3	C	30.44	00	58	55	0	WSW	2	C	2	63	57	*	*	-		

7 A.M. YESTERDAY

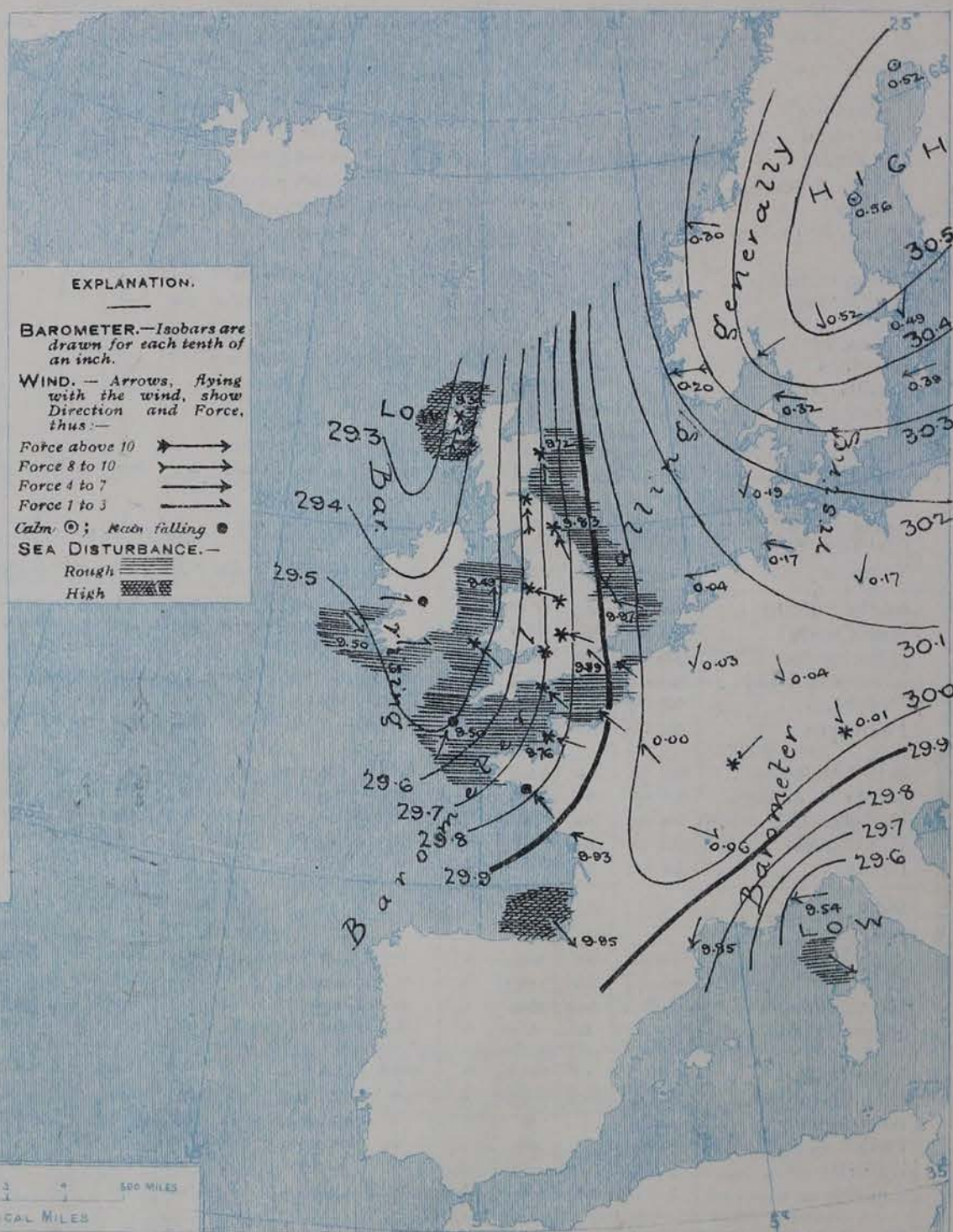


6 P M YESTERDAY



WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

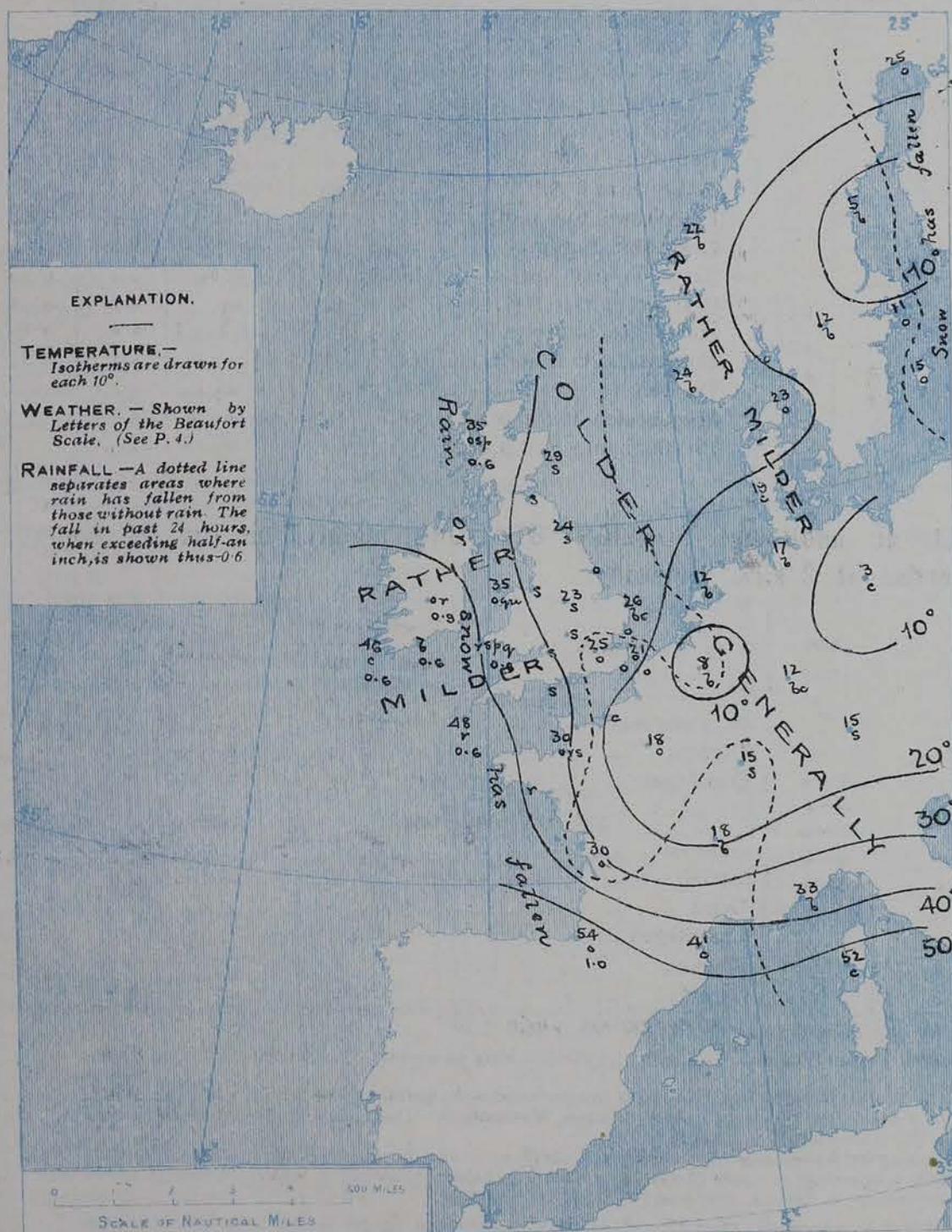
A large and deep "V-shaped" disturbance lies over our western and northwestern districts, the lowest barometer reading reported being 29.34 in. at Slomoway. The highest pressure, 30.5 in., is found over the Gulf of Bothnia and its neighbourhood. The gradient is steep over Scotland and the western half of England.

Very strong winds between S. and S.E. are reported from nearly all parts of England, and gales from some parts of Scotland, while the wind is strong to a gale from the E.^W in the south of Norway. At Valencia the wind has veered to the N.W. and blows freshly, and a high wind from that quarter prevails at Biarritz. Temperature has risen in Ireland and Wales, and also over the greater part of Scandinavia, fallen in most other regions. In many parts of Great Britain it is 25° or below, while in Ireland several of the readings are above 45°. The weather is fine and bright in the southeast of France, and also in various parts of Germany, the Low Countries, and Scandinavia, but over the United Kingdom it is very rough and squally, with snow over a considerable portion of England and Scotland, and rain in Ireland.

CHARTS

29th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

The maximum temperatures reported yesterday were below 32° over a large part of Great Britain, and during the night temperature fell to about 20° in several parts of England. At Oxford the minimum temperature on the grass was 14°. Heavy rain has fallen in Ireland and at Sully, heavy snow in the Hebrides, and various amounts of snow are reported from Great Britain. Very little bright sunshine was recorded over the Kingdom generally, but some stations on the south and southeast coasts report between 3 and 5 hours. A solar halo was observed at Oxford at noon, and later a lunar halo was seen at Harrogate.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The depression over our western districts will move E. and the wind on all our eastern and southeastern coasts will increase in strength from the S. or S.E. Considerable or heavy falls of snow are probable in most places.

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 Strong winds or gales between S. and S.E., veering later; a good deal of snow in most localities; temperature very low today, rising tomorrow.
- 1
- 2
- 3
- 4
- 5
- 6 S.E. and S. strong winds or gales, veering towards W. later; squally; snow in considerable quantities; cold to milder.
- 7
- 8 S.E. to S.W. or W. strong winds or gales; squally; snow or sleet at times; temperature rising.
- 9 Wind varying in force, mainly between W. and N.; squalls and showers of rain, sleet or snow; changeable temperature.
- 10

II WESTERN CHANNEL AND BAY

S. and S.E. to S.W. or W. winds, strong to a gale; sea rough Channel, high on Bay; squalls of snow and sleet.

FORECAST DISTRICTS.

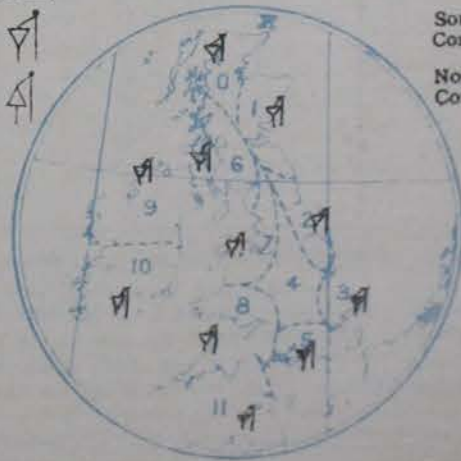
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Coast.
North Coast.

South Coast.
North Coast.



DAILY WEATHER REPORT.

29th December, 1908.

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.			
Dublin (City), to 4 p.m....						Brighton, to 6 p.m. ...	31	24	*	4.8	-
Rossall Beach, to 6 p.m....	28	25	o	*	-	Eastbourne, to 6 p.m. ...	30	25	*	4.7	-
Blackpool, to 9 p.m. ...	29	25	o	0.0	-	Bexhill-on-Sea, to 9 p.m. ...	30	26	b	4.9	-
Southport, to 9 p.m. ...	27	25	bc. o	0.0	-	Hastings ...	*	*	*	5.3	*
Rhyl, to 6 p.m. ...	28	25	*	0.0	-	Folkestone, to 6 p.m. ...	29	25	c. s. bc. c	2.1	0.01
Colwyn Bay, to 6 p.m. ...	31	27		0.0	-	Ramsgate, to 6 p.m. ...	*	*	*	1.8	-
Llandudno, to 9 p.m. ...	28	26	os. o	0.0	-	Margate, to 6 p.m. ...	30	26	o. b. o	2.6	-
Bettws-y-Coed, to 6 p.m. ...	29	27	c	0.0	*	Felixstowe, to 6 p.m. ...	30	25	-	3.0	-
Towyn, to 6 p.m. ...	29	27	o. s	0.0	-	Lowestoft, to 6 p.m. ...	39	26	c. o. c. q	3.0	-
Aberystwyth, to 6 p.m. ...	35	25	*	0.0	-	Skegness, to 6 p.m. ...	26	21	s. c. bc	0.0	0.02
Plymouth, to 9 p.m. ...	36	30	rs. c. b	0.5	0.25	Scarborough, to 9 p.m. ...	34	26	og	0.0	0.08
Torquay, to 6 p.m. ...	38	33	*	0.0	0.26	Harrogate, to 6 p.m. ...	26	22	o. b. bc. s. b	0.0	0.01
Weymouth, to 6 p.m. ...	33	27	c. bc. c	3.3	0.01	Buxton, to 6 p.m. ...	25	15	o. bc. o	0.2	0.01
Bournemouth to 6 p.m. ...	30	24	c. bc. c	0.6	-	Darwen, to 9 p.m. ...	25	21	o. c. q. m	0.0	-
Southsea, to 6 p.m. ...	30	25	*	1.3	-	Manchester, to 9 p.m. ...	28	25	o. c. bc. o	0.0	-
Worthing, to 6 p.m. ...	30	24	c. s. c	4.7	-	Birmingham, to 9 p.m. ...	29	20	o	0.0	-

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

STATIONS. 28. Dec., 1908.	TEMPERATURE F.		WEATHER	RAIN. Ins.	STATIONS. 28. Dec., 1908.	TEMPERATURE F.		WEATHER	RAIN. Ins.
	Max.	Min.				Max.	Min.		
Madeira ...	66	50	o. o	-	St. Petersburg ...	3	-9	o. o	0.04
Marseilles ...	24.8	36	bc. c	-	Utrecht ...	23	12	b. b	-
Malta ...	59	34	c	0.04	Groningen ...	23	12	b. bc	-
Algiers ...	63	52	bc. r	0.12	27th Dec., 1908. 1.30 p.m.				
Tunis ...	59	43	c. c	0.04	Geneva ...	*	*	Observations	Measured 7.30 a.m.
Palermo ...	55	48	bc. o	0.16	Berne ...	*	*	not	
Naples ...	55	46	c. o	0.20	Coire ...	*	*	received	
Brindisi ...	54	36	c. bc	-	Castasegna ...	*	*		
Florence ...	45	38	o. o	0.16	Lugano ...	*	*		
Rome ...	53	42	bc. o	0.04	Davos ...	*	*		
Vienna ...	27	18	o. 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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.
- (c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.
- (d) 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.

* AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

WIRELESS TELEGRAMS FROM SHIPS OF H.M. NAVY.

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

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

Hour of Observation.	Position.		Reading of Barometer.	Wind.		Weather.	TEMPERATURE.			Sea Dis- tur- bance.	29 th Dec. 1908.	Sunrise G.M.T.	Noon G.M.T.	Sunset G.M.T.
	Lat.	Long.		Direc.	Force.		Air.		Sea.					
							Dry Bulb.	Wet Bulb.						
	°	°	Ins.				°	°	°					
											Yarmouth {	8.6 8.6	11.55 11.56	3.45 3.46
											Greenwich {	8.8 8.8	12.2 12.3	3.57 3.58
											Wick {	9.5 9.5	12.14 12.15	3.23 3.24
											Valencia {	8.51 8.51	12.43 12.44	4.36 4.37

TERMS OF SUBSCRIPTION for the Daily Weather Report, forwarded by Book Post, £1 per annum, payable quarterly in advance.

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom Sixpence in addition to the cost of the enquiry and reply Telegram. Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

METEOROLOGICAL OFFICE, 63, VICTORIA STREET, S.W.
(TELEGRAPHIC ADDRESS: WEATHER, LONDON.)

W. N. SHAW, (Director.)

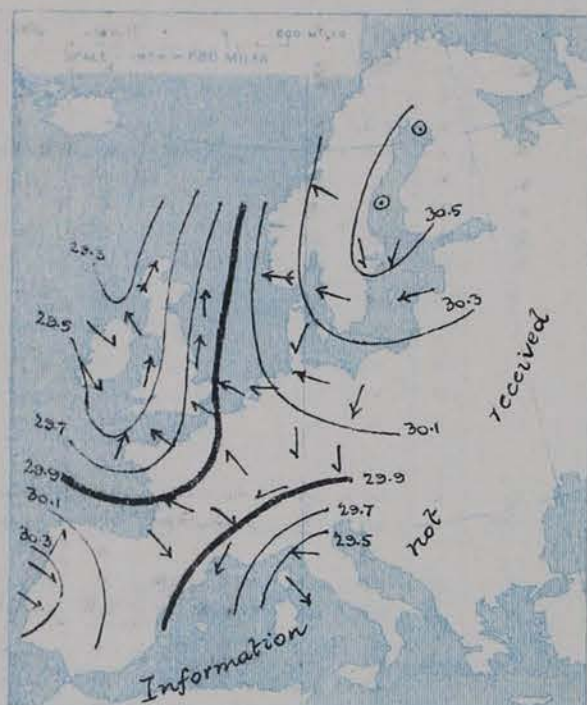
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

(Wednesday,
30th December 1908

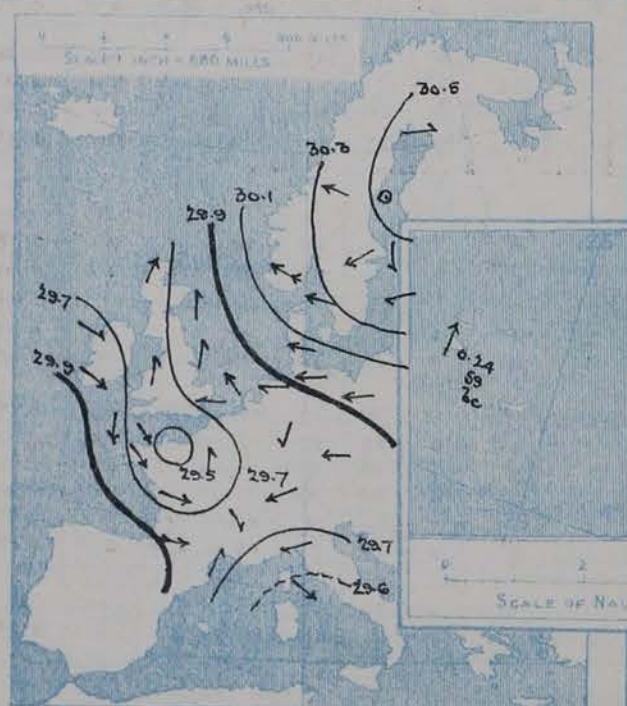
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		BAROM.		TEMP.		WIND.	BAROMETER.		TEMPERATURE.			WIND.		Sea (0 to 9).	TEMP.		Weather.	Sun- shine. Hours.	Rainfall. Ins.		
		At 32° Fahr. and M.S.L.	Dry Bulb.	Direc.	Force (0 to 12).		Weather.	At 32° Fahr. and M.S.L.	Change since Yester- day.	Dry Bulb.	Wet Bulb.	Change since Yester- day.	Direc.		Force (0 to 12).	Weather.				Max.	Min.
SCANDINAVIA.	Haparanda...	Ins.	16	W	2	0	30.69	+17	21	21	-4	NW	2	0	*	25	12	*	*	-	
	Hernösand...	30.52	11	Z	0	0	30.72	+16	16	16	+11	NE	2	0	*	?	?	*	*	-	
	Stockholm...	30.46	19	N	2	0	30.58	+09	24	23	+13	ESE	4	0	*	24	9	*	*	0.04	
	Wisby...	30.39	17	E	2	0	30.50	+11	15	13	0	E	2	0	*	17	12	*	*	-	
	Karlstad...	30.45	19	ENE	4	0	30.58	+06	20	19	+8	ENE	4	0	*	*	*	*	-		
	Færder (X'ania Fjord)	30.37	21	ENE	5	0	30.50	+07	23	22	+4	SE	4	0	2	23	18	*	*	-	
	Bodö...	30.46	28	E	2	b	30.51	+19	26	21		E	2	b	1	28	23	*	*	-	
	Christiansund...	30.27	26	ESE	5	b	30.34	+04	26	23	+4	SE	2	b	2	27	21	*	*	-	
Skudesnaes...	30.22	23	ESE	8	c	30.32	+12	25	21	+1	ESE	4	b	4	25	21	b.c	*	-		
ICELAND & FAEROE.	Reykjavik...								*	*				*	*	*	*	*	*	*	
	Blönduos...								*	*				*	*	*	*	*	*	*	
	Seydisfjord...								*	*				*	*	*	*	*	*	*	
	Thorshavn...								*	*				*	*	*	*	*	*	*	
BRITISH ISLANDS.	Sumburgh Head	29.60	36	SSW	6	o	29.81	+47	40	38	+5	S	7	c	6	40	34	c.b.c.c.oq	0.0	0.04	
	Stornoway...	29.61	40	SE	5	oqpm	29.81	+46	44	42	+6	S	4	b	4	45	36	oqpm, oqpm.b	0.0	0.40	
	Castlebay (Barra Id.)																				
	Malin Head...	29.75	43	WNW	3	c	29.89		48	46		SW	4	r	3	48	40	bep. bcp	*	0.12	
	Blacksod Pt.	29.86	46	WNW	4	c	30.04	+54	47	44	+1	S	3	o	5	48	41	cq.p.c.b	2.8	0.06	
	Valencia...																				
	Roche's Point...	29.82	44	NW	3	b	30.09	+63	42	41	-5	SW	1	o	2	47	37	bq. bcq. c.o	*	0.02	
	Birr Castle...	29.76	39	W	2	b	30.04	+63	39	38	-6	SSW	2	o	*	45	34	r.c.b.r	3.1	0.09	
	Donaghadee...	29.70	36	ESE	4	o	30.00	+53	39	38	+2	ESE	3	c	2	38	32	os. bc	*	0.25	
	Liverpool Obsy...	29.75	21	ESE	4	s	30.15	+48	24	22	+2	ESE	4	o	3	26	19	os	0.0	0.40	
	Holyhead...	29.66	34	S	3	odpm	30.07	+58	34	34	-1	S	2	om	1	35	33	spm, odpm	*	0.14	
	Pembroke (St. Ann's Hd.)	29.69	35	E	3	o	30.10	+61	35	35	-4	NE	2	om	4	44	32	oq. o.sp. bc	0.0	0.15	
	Scilly (St. Mary's)	29.72	48	NNW	6	c	30.16	+66	47	44	-1	WSW	4	c	5	52	46	c	4.2	0.30	
	Jersey (St. Aubins)	29.49	42	NW	4	c	30.16	+40	36	34	+6	NW	3	b	3	?	30	c. op. c	0.9	0.52	
	Portland Bill	29.62	28	NE	5	s	30.16	+46	26	24	-7	N	2	c	3	36	24	s	0.0	0.33	
	Dungeness...	29.61	25	E	5	s	30.08	+21	19	18	-6	N	4	c	4	27	15	s.c	0.0	0.95	
	Dover...																				
	Wick...																				
	Nairn...	29.71	29	Z	0	o	29.93	+42	25	24	-3	Z	0	b	1	30	23	aq. c.o	0.0	0.08	
	Aberdeen...	29.81	30	SSE	3	s	30.08	+36	30	29	+1	SSW	2	c	4	30	26	osq. osp	0.0	0.69	
	Leith...	29.73	29	SE	2	o	30.07	+45	28	28	+4	SE	2	o	*	29	22	aq. osp. o	*	0.08	
	North Shields	29.81	25	SSE	2	c	30.12	+29	24	24	0	SSE	2	c	4	27	19	s.c	*	0.18	
	Spurn Head...	29.80	27	SSW	3	s	30.14	+29	28	28	0	NNW	3	bc	3	28	25	spq. c	*	0.02	
	Yarmouth...	29.78	27	SE	6	bosp	30.12	+15	30	30	+4	N	4	bosp	4	30	25	osp. bosp	0.0	0.06	
	Clacton-on-Sea...	29.72	26	ESE	5	s	30.13	+22	18	18	-9	NNW	3	bc	2	27	17	o.s	0.0	0.02	
	Nottingham...	29.76	21	E	2	c	30.14	+30	13	12	-10	W	1	f	*	23	9	s.c	0.0	0.12	
	Bath...	29.69	22	E	1	s	30.21	+48	19	19	-11	N	1	o	*	30	16	-	0.0	0.40	
	Oxford...	29.83	19	NE	2	m	30.27	+46	10	10	-13	Z	0	ogf	*	23	9	s.cm. of	*	0.38	
	London (St. James's Pk)	29.71	23	E	3	os	30.16	+27	22	21	-3	NNW	1	b	*	26	21	os. o. a. b	0.0	0.19	
GERMANY, & C.	The Scaw (Skagen)	30.28	23	ESE	5	o	30.41	+09	25	23	+2	ESE	6	o	2	27	16	*	*	-	
	Fanö...	30.11	17	ESE	4	bc	30.25	+06	21	20	+2	ESE	4	c	*	21	14	*	*	0.04	
	Cuxhaven†...	30.02	15	E	4	c	30.17	00	13	?	-4	E	4	b	1	18	10	*	*	-	
	The Helder...	29.90	13	E	3	bc	30.16	+12	12	12	0	NE	2	c	*	16	12	*	*	-	
	Brussels...	*	*	*	*	*	30.08	+05	15	14	+7	NNE	2	o	*	21	6	*	*	0.04	
	Berlin†...	29.94	6	E	4	b	30.10	-07	7	92	+4	ENE	3	s	*	10	?	*	*	-	
	Frankfurt†...	29.83	14	NE	3	b	29.98	-06	13	71	+1	N	5	c	*	18	10	*	*	0.04	
	Munich†...	29.88	11	E	4	b	29.87	-14	12	97	-3	NE	4	o	*	19	7	*	*	-	
FRANCE.	C. Gris Nez...	29.65	18	ESE	3	s	30.04	+12	26	26	+10	E	2	o	3	?	16	*	*	0.12	
	La Hève...	29.50	20	SE	5	s	30.10	+21	25	25	+6	ESE	2	o	2	28	19	*	*	0.12	
	Brest...	29.68	50	NW	5	c	30.19	+53	49	45	+6	NW	4	b	5	52	43	*	*	0.59	
	Lorient...	29.63	48	NW	6	bc	30.17	+49	45	44	+4	NW	5	b	*	54	?	*	*	0.20	
	Rochefort...	29.64	52	WNW	6	c	29.96	+03	45	42	+15	N	5	b	*	54	30	*	*	0.12	
	Biarritz...	29.90	55	W	9	r	?	?	50	46	-4	NNW	8	r	8	65	45	*	*	-	
	Paris...	29.54	21	SE	2	s	30.07	+07	16	16	-2	NNW	3	b	*	23	16	*	*	0.35	
	Belfort...	29.79	14	ENE	5	m	29.89	-13	13	13	-2	Z	0	s	*	22	13	*	*	0.12	
	Lyons...	29.73	22	NNW	1	o	29.97	-09	22	21	+4	N	2	s	*	27	18	*	*	0.04	
	Nice...	29.64	35	E	2	b	29.57	+03	36	32	+3	Z	0	o	3	46	32	*	*	-	
Perpignan...	29.71	54	SW	1	r	29.86	+01	44	41	+3	NW	7	c	*	57	41	*	*	0.08		
Sanguinaire...	29.55	48	NW	5	b	29.45	?	50	48	-2	NW	5	o	5	54	43	*	*	0.04		
SPANISH PENIN.	Corunna...													*	*	*	*	*	*	-	
	Lisbon...													*	*	*	*	*	*	-	
	Azores (P. Delgada)...													*	*	*	*	*	*	-	
SPANISH PENIN.	Horta...	30.37	60	SSW	4	o	30.24	-20	59	56	+1	S	5	bc	4	63	57	*	*	0.04	

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

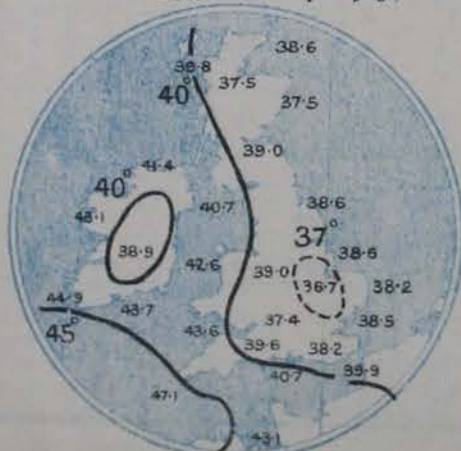
7 A.M. YESTERDAY



6 P.M. YESTERDAY



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



Wednesday,





WEATHER

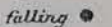
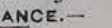
1. BAROMETER, WIND AND SEA AT 7 A.M. TO-DAY.

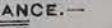

EXPLANATION.

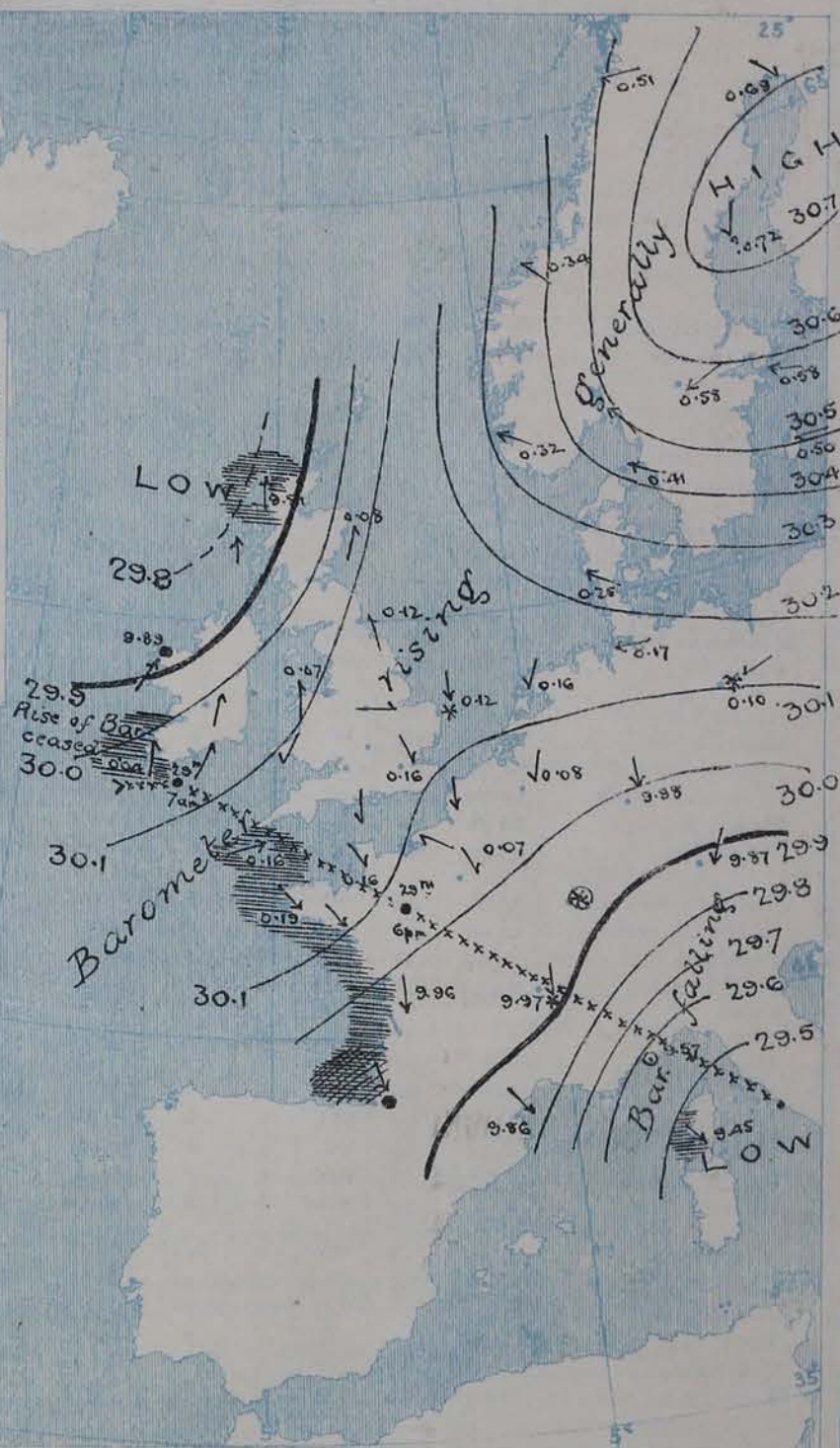
BAROMETER.—Isobars are drawn for each tenth of an inch.

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 ; Rain falling 

SEA DISTURBANCE.—
Rough 
High 



NOTES ON THE GENERAL SITUATION AT 7 A.M.

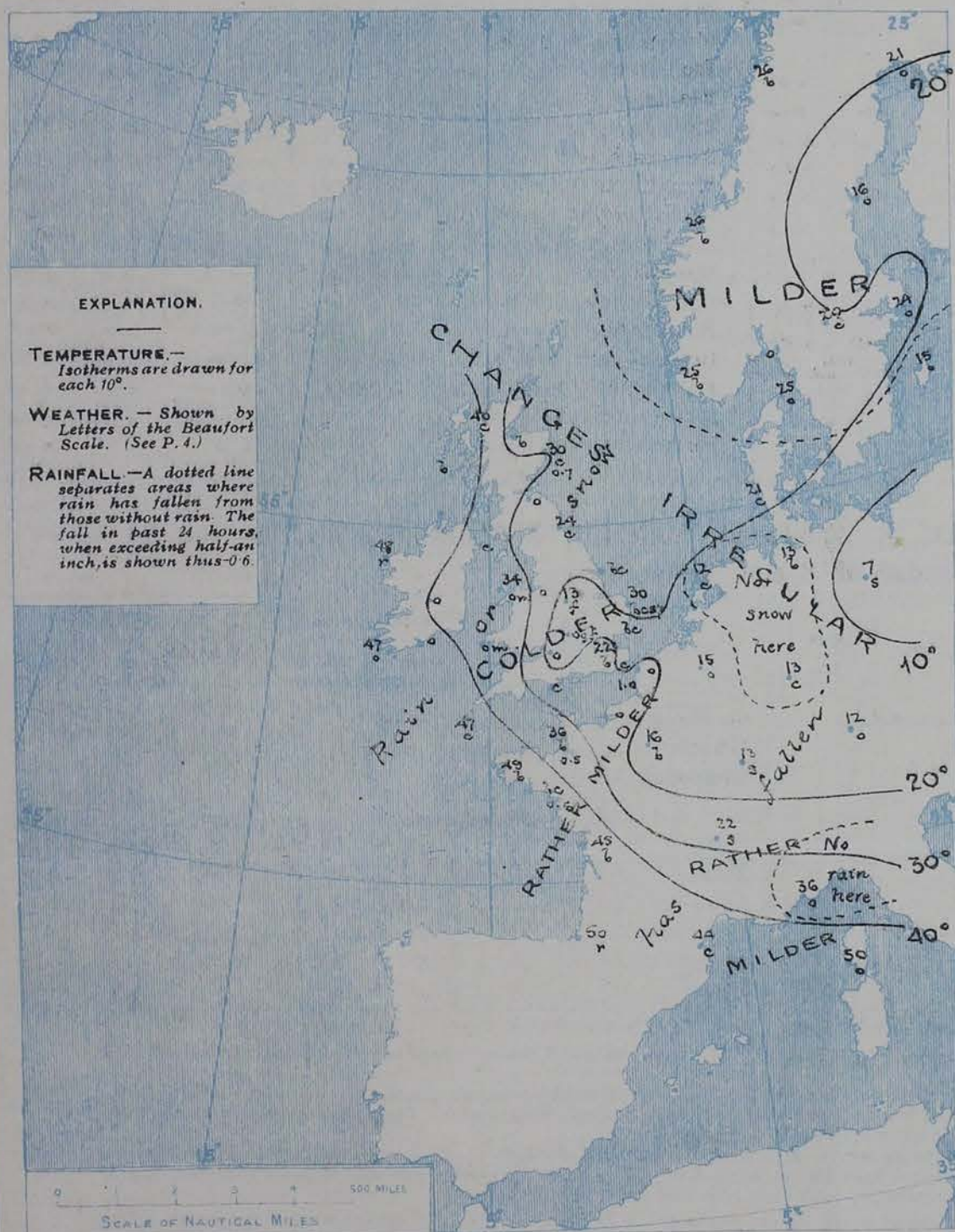
The depression which lay over our western districts yesterday morning appears to have broken into two portions, and while one part remained to the north-westward of Scotland the other travelled S.E. The anticyclone over Scandinavia has increased somewhat in intensity, and a band of relatively high pressure now stretches from that region across the North Sea and England to the Bay of Biscay. At Valencia the rise of the barometer has ceased, and the wind has backed to S, and a brisk S.W. wind, and a falling barometer are also reported from the Azores.

Light or moderate S.W. breezes prevail in most parts of Ireland and Scotland, and a high wind from S. at Stormoway, but over the greater part of England and France the wind is moderate or light from the N.W. On the west coast of France, however, and at Perpignan it is strong to high. Temperature has fallen in most parts of England, changed irregularly in most other regions. Over these Islands it ranges from 48° at Blacksod Point to below 32° in nearly all parts of Great Britain, and to below 15° in Central England. The sky is partially clear in some localities both in this country and abroad, but generally there is much cloud. Snow is falling at Yarmouth and Berlin, and in the east of France, and rain at Brannitz and Blacksod Point, while fog prevails in Central England.

CHARTS

30th December, 1908.

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



NOTES ON YESTERDAY'S WEATHER

During yesterday the temperature remained very low over Great Britain, the maximum readings being below 32° very generally; only 23° at Nottingham, Oxford and Harrogate, and 22° at Harrogate and Buxton. Severe frost occurred during the night, the lowest minimum readings being 9° at Oxford and Nottingham; at the former station the thermometer on the grass fell to 4°. Snow fell very generally, and in many places heavily; the largest measurements reported are 0.69 inch at Aberdeen, and 0.95 inch at Dunfermline. A lunar halo was observed at Oxford during the evening.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The cessation of the barometric rise in the southwest of Ireland, and the decided fall of the barometer in the Azores, point to the approach of another depression towards these Islands, but it is not probable that the new system will have much influence on the weather during the ensuing 24 hours except in the western and northwestern districts.

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. winds, fresh or strong in places; dull, some rain or sleet; cold to milder.
- 1 { S. or S.E. winds, light; cloudy, very cold, then milder, with some snow.
- 2 { N. winds, light, to variable
- 3 or light W. breezes; generally overcast or cloudy, some mist
- 4 or fog; frosty.
- 5
- 6 Same as No. 0.
- 7 { S. and S.W. winds, light to fresh; cloudy and very cold, then less fair, and rather milder.
- 8 { Light variable to W. or S.W. breezes; cloudy, very cold, then milder.
- 9 Same as No. 0.
- 10 { S. and S.W. winds, light to fresh or strong; dull, some rain; temperature rising.

II WESTERN CHANNEL AND BAY

W. to S.W. winds on Channel, N.W. to W. on Bay, fresh or strong at times; sea moderate or rather rough; fair to dull, some mist.

FORECAST DISTRICTS.

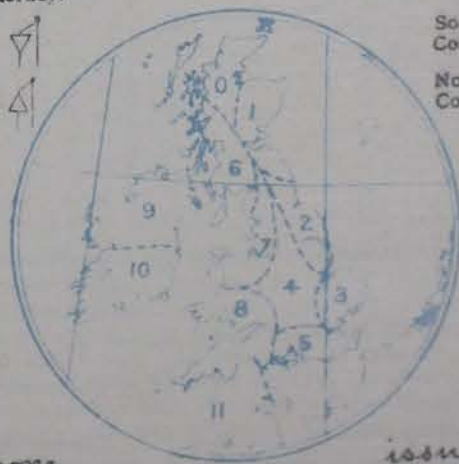
Those portions of the Coasts upon which the Warning Signals are at present flying are indicated thus:—

Signals hoisted yesterday.

Signals hoisted this morning.

South Coast.
North Coast.

South Coast.
North Coast.



None

issued.

Wednesday, 30th Decr., 1908.

STATIONS.	TEMPERATURE F.		Weather	Sunshine.	Rainfall.	STATIONS.	TEMPERATURE F.		Weather.	Sunshine.	Rainfall.
	Max.	Min.					Max.	Min.			
Dublin (City), to 4 p.m....	44	34	sq. r. y. b	Hrs.	Ins.	Brighton, to 6 p.m. ...	26	25	*	Hrs.	Ins.
Rossall Beach, to 6 p.m....				*	0.53	Eastbourne, to 6 p.m. ...	26	23	*	0.0	0.15
Blackpool, to 9 p.m. ...	29	21	os. o	0.0	0.08	Bexhill-on-Sea, to 9 p.m.	29	23	S. c	0.0	0.60
Southport, to 9 p.m. ...	27	21	os. o	0.0	0.14	Hastings	*	*	*	0.0	*
Rhyl, to 6 p.m.	26	21	*	0.0	0.01	Folkestone, to 6 p.m. ...	28	19	S. C. S	0.0	?
Colwyn Bay, to 6 p.m. ...	30	25	S. o	0.0	0.21	Ramsgate, to 6 p.m. ...	*	*	*	0.0	-
Elanudno, to 9 p.m. ...	28	24	o, s, o	0.0	0.19	Margate, to 6 p.m.	23	21	S	0.0	0.15
Bettws-y-Coed, to 6 p.m.					*	Felixstowe, to 6 p.m. ...	27	23		0.0	-
Towyn, to 6 p.m.	31	27	P, S, o	0.0	0.11	Lowestoft, to 6 p.m. ...	30	26	C. osp	0.0	-
Aberystwyth, to 6 p.m. ...	33	27	*	0.0	-	Skegness, to 6 p.m....	26	24	S. C. S	0.0	0.05
Plymouth, to 9 p.m. ...	38	33	on, brv	0.0	0.57	Scarborough, to 9 p.m. ...	35	23	osq	0.0	0.20
Torquay, to 6 p.m....	38	33	*	0.0	0.50	Harrogate, to 6 p.m. ...	22	20	C. C. OS. o	0.0	0.05
Weymouth, to 6 p.m. ...	34	24	S	0.0	0.38	Buxton, to 6 p.m.	22	17	O OS	0.0	0.22
Bournemouth to 6 p.m. ...	31	25	S	0.0	0.40	Darwen, to 9 p.m.	24	18	OWS. o	0.0	0.13
Southsea, to 6 p.m....	29	25	S	0.0	?	Manchester, to 9 p.m. ...	27	22	o	0.0	0.44
Worthing, to 6 p.m. ...	30	25	S. o	0.0	0.51	Birmingham, to 9 p.m....	25	19	S. o	0.0	0.10

STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.	STATIONS.	TEMPERATURE F.		WEATHER.	RAIN. — Ins.
	Max.	Min.				Max.	Min.		
29 th December 1908					29 th December, 1908.				
Madeira					St. Petersburg				
Marseilles					Utrecht				
Malta					Groningen				
Algiers									
Tunis					28 th December, 1908.	1.80 p.m.	1.80 p.m.	Measured 7.80 a.m.	
Palermo					Geneva	32	*	3	0.04
Naples					Berne	28	*	0	0.08
Brindisi					Coire	27	*	6	—
Florence					Castasegna	34	*	0	—
Rome					Lugano	36	*	0	—
Vienna					Davos	21	*	6	—

(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) At the British and Irish Stations the readings of the barometer are now corrected for the difference in Gravity between the position of the Station and Latitude 45°.

(c) The Sunshine for London given in the table is recorded on the Tower of the Wesleyan Training College, Westminster. The Sunshine entered to Dungeness is recorded at Littlestone-on-Sea; that entered to Portland Bill is recorded at Weymouth.

(d) 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.

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

[illegible]

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the enquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

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

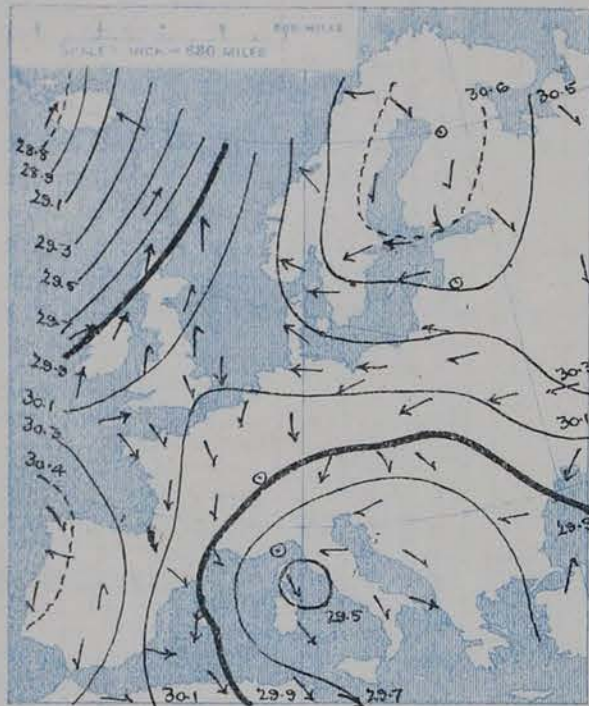
DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE.

Thursday,
31st December, 1908

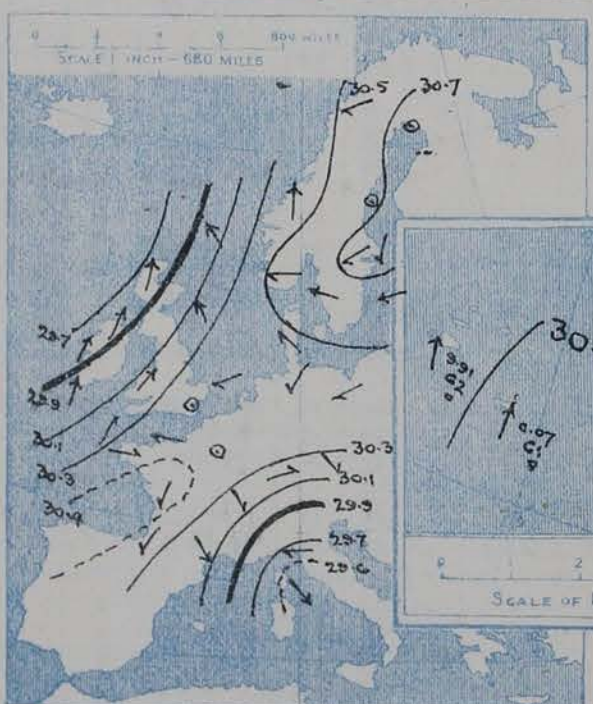
STATIONS.		YESTERDAY EVENING.					THIS MORNING.										PAST 24 HOURS.				
		Barom.	Temp.	Wind.			Barometer.	Temperature.	Wind.								Temp.				
		At 32° Fahr. and M.S.L.	Dry Bulb.	Dir.	Force (0 to 12).	Weather.	At 32° Fahr. and M.S.L.	Change since Yesterday.	Dry Bulb.	Wet Bulb.	Change since Yesterday.	Dir.	Force (0 to 12).	Weather.	Sea (0 to 9).		Max.	Min.	Weather.	Sun-shine.	Rainfall.
		Ins.	"				Ins.	Ins.	"	"	"						"	"		Hours.	Ins.
SCANDINAVIA.	Haparanda...	30.73	21	Z	0	bc	30.69	-0.04	20	20	-1	SW	2	0	*		23	16	*	*	0.08
	Hernösand...	30.68	21	Z	0	o	30.70	+0.02	24	23	+8	Z	0	0	*		24	10	*	*	-
	Stockholm...	30.73	24	NNE	2	o	30.75	+0.02	24	22	0	ESE	2	0	*		25	19	*	*	-
	Wisby...	30.63	23	E	4	o	30.72	+0.09	20	18	+5	SE	4	0	*		23	10	*	*	0.04
	Karlstad...	30.72	23	ENE	2	S	30.72	+0.00	24	23	+4	ENE	2	0	*		*	*	*	*	-
	Færder (X'ania Fjord)	30.59	24	E	2	c	30.66	+0.07	25	23	+2	SSE	4	0	2		23	21	*	*	-
	Bodö...	30.52	22	E	2	b	30.39	-0.13	19	18	-7	E	3	0	1		27	19	*	*	-
	Christiansund...	30.41	26	S	4	b	30.22	-0.19	32	30	+6	ESE	4	0	2		32	25	*	*	-
ICELAND & FAEROE.	Skudesnaes...	30.48	29	SE	8	b	30.34	-0.14	31	28	+6	SE	9	0	5		31	21	b	*	-
	Reykjavik...	28.50	37	E	1	c	28.82	+0.32	38	*	0	SW	3	0	*		*	*	*	*	*
	Blönduós...	28.67	40	SE	2	o	28.81	+0.14	37	*	+1	S	3	0	*		*	*	*	*	*
	Seydisfjord...	29.22	40	E	7	r	28.86	-0.36	42	*	+2	S	1	0	*		*	*	*	*	*
	Thorshavn...	29.39	40	SSE	9	r	29.32	-0.07	43	*	+4	SSE	5	0	*		*	*	*	*	*
	Sumburgh Head	29.97	36	SE	7	o	29.76	-0.21	43	42	-1	SE	7	0	7		43	34	o	*	0.34
	Stornoway...	29.63	43	S	8	r	29.77	+0.14	42	41	+2	SSW	6	0	6		48	40	odpg, c. ltrg	0.0	0.57
	Castlebay (Barra Id.)	29.69	48	S	7	rgpm	29.85	+0.16	50	46	+6	W	4	0	4		51	44	b. ogpm, rg	0.0	0.17
BRITISH ISLANDS.	Malin Head...	29.72	45	SSW	7	ogpm	29.93	+0.21	46	45	+8	SW	5	0	3		46	37	ogpm, opm	*	0.03
	Blacksod Pt. ...	29.80	53	SSW	6	r	30.02	+0.22	50	48	+2	SW	4	0	3		53	48	ogpm, om	*	0.18
	Valencia...	29.98	52	S	4	p	30.11	+0.13	53	52	+6	SSW	2	0	5		53	47	o. opm, ot	0.0	0.24
	Roche's Point...	30.07	50	SW	4	o	30.17	+0.10	51	51	+9	SW	3	0	4		52	42	om, odm	*	0.09
	Birr Castle...	29.98	48	S	2	r	30.12	+0.14	49	48	+10	S	1	0	*		51	38	o, r	0.0	0.02
	Donaghadee...	29.99	45	WSW	3	o	30.09	+0.10	48	46	+9	WSW	2	0	2		49	37	og, ogd	*	0.05
	Liverpool Obsy...	30.22	27	ESE	4	o	30.19	+0.03	36	35	+12	ESE	4	0	3		36	24	om, b. c. t	1.5	-
	Holyhead...	30.02	42	SW	5	ogdpm	30.16	+0.14	50	50	+16	SW	3	0	2		50	34	om, ogdpm	*	0.22
	Pembroke (St. Ann's Hd.)	30.17	49	S	5	c	30.22	+0.05	51	51	+16	SW	5	0	5		52	35	cm, c. op	0.0	0.14
	Scilly (St. Mary's)	30.24	50	SW	3	bc	30.28	+0.04	50	48	+3	WSW	3	0	4		52	48	c, bc	3.8	0.28
	Jersey (St. Aubine)	30.38	38	ESE	3	bc	30.45	+0.07	43	42	+7	S	3	0	3		43	35	bun, cg, od	5.8	0.02
	Portland Bill...	30.34	39	ESE	3	o	30.34	+0.00	50	49	+14	S	4	0	3		50	26	bc, o, r	1.9	0.03
	Dungeness...	30.35	22	NNE	2	o	30.42	+0.07	38	37	+19	S	5	0	5		38	13	bc, c	3.0	0.02
	Dover...	30.40	27	NW	2	o	30.49	+0.09	34	32	-2	SSW	3	0	5		34	20	o, b, o	4.0	-
	Wick...	29.85	38	S	7	r	29.82	-0.03	42	40	+13	W	3	0	5		42	27	-	*	0.25
	Nairn...	29.87	37	S	3	c	29.83	-0.04	43	42	+18	S	1	0	1		46	24	c, eq, cap	0.1	0.03
	Aberdeen...	30.10	36	SSE	5	o	29.99	-0.11	41	40	+11	SSW	3	0	4		41	29	bc, og, rsp	0.0	0.14
	Leith...	30.06	34	SSE	3	o	30.00	-0.06	42	41	+14	SW	2	0	*		45	28	o, otsp	*	0.05
	North Shields...	30.24	27	S	2	c	30.14	+0.10	31	31	+7	S	4	0	4		31	20	c, sp	*	-
	Spurn Head...	30.34	28	SSW	2	b	30.34	+0.00	33	33	+5	S	5	0	4		33	27	bm, bx, o, org	*	0.01
	Yarmouth...	30.30	30	ENE	3	c	30.44	+0.14	34	33	+14	SSW	3	0	4		34	27	esp, bc, c	3.5	-
	Clacton-on-Sea...	30.38	23	NNW	3	b	30.45	+0.07	35	34	+17	SSE	5	0	4		35	17	bc, bm, o	4.6	-
	Nottingham...	30.33	15	SE	1	bm	30.32	-0.01	34	33	+21	SSW	2	0	*		34	11	fx, bm	0.0	0.11
	Bath...	30.35	27	E	1	o	30.34	+0.01	39	39	+20	SW	1	0	*		40	19	-	1.3	0.02
	Oxford...	30.43	20	2	0	o	30.39	+0.06	35	34	+25	SSE	3	0	*		35	10	f, bc, of, r	*	0.10
	London (St. James's Pl)	30.39	21	2	0	fx	30.42	+0.03	33	31	+11	SSE	1	0	orgm	*	33	18	bef, fx, o	0.0	-
GERMANY, &c.	The Scaw (Skagen)	30.61	26	ESE	4	o	30.64	+0.03	25	23	0	S	2	0	0		27	23	*	*	-
	Fanö...	30.49	23	SE	2	b	30.58	+0.09	22	22	+1	SE	2	0	*		27	19	*	*	-
	Cuxhaven†...	30.39	23	NE	2	b	30.56	+0.17	16	75	+3	S	1	0	*		25	13	*	*	-
	The Helder...	30.44	19	ESE	1	b	30.58	+0.14	10	10	-2	SSE	1	0	*		19	10	*	*	-
	Brussels...	*	*	*	*	*	30.60	+0.16	8	8	-7	E	1	0	*		16	7	*	*	-
	Berlin†...	30.38	9	ENE	1	b	30.56	+0.18	12	93	+5	E	2	0	*		12	7	*	*	0.12
	Frankfurt†...	30.39	15	N	3	o	30.58	+0.19	12	64	-1	N	2	0	*		16	10	*	*	-
	Munich†...	30.33	16	NW	2	S	30.58	+0.25	14	87	+2	W	3	0	*		18	12	*	*	0.04
FRANCE.	C. Gris Nez...		25	SE	2	o	30.43	+0.39	25	25	-1	SSE	3	0	3		34	18	*	*	-
	La Hève...	30.42	28	N	3	b	30.50	+0.08	27	26	+2	SE	2	0	2		36	23	*	*	0.16
	Brest...	30.38	50	W	2	bc	30.44	+0.06	52	52	+3	SW	4	0	5		52	48	*	*	-
	Lorient...	30.33	44	SSE	3	c	30.45	+0.12	50	49	+5	SSW	2	0	4		52	43	*	*	0.08
	Rochefort...	30.41	38	NNE	3	b	30.58	+0.17	34	33	-11	SSE	4	0	*		46	32	*	*	-
	Biarritz...	30.39	47	NE	3	r	30.54	+0.15	39	37	-11	E	2	0	7		52	36	*	*	0.16
	Paris...	30.40	21	2	0	o	30.58	+0.18	7	7	-9	Z	0	0	*		24	7	*	*	-
	Belfort...	30.26	17	WSW	2	m	30.60	+0.34	6	6	-7	WSW	2	0	m		17	5	*	*	0.12
	Lyons...	30.39	20	NNW	1	o	30.59	+0.20	14	12	-8	N	1	0	*		23	12	*	*	-
	Nice...	29.78	39	E	2	o	30.11	+0.33	35	27	-1	2	0	0	3		45	34	*	*	-
SPANISH PENIN.	Perpignan...	30.10	38	NW	7	b	30.34	+0.24	37	32	-7	NW	6	0	*		50	34	*	*	-
	Sanguinaire...	29.53	44	NW	4	o	29.79	+0.26	45	43	-5	NE	3	0	m		59	41	*	*	-
	Corunna...																57	43	*	*	-
	Lisbon...	30.38	49	N	3	b	30.41	0.03	44	42	-6	NNE	4	0	*		61	57	*	*	-

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

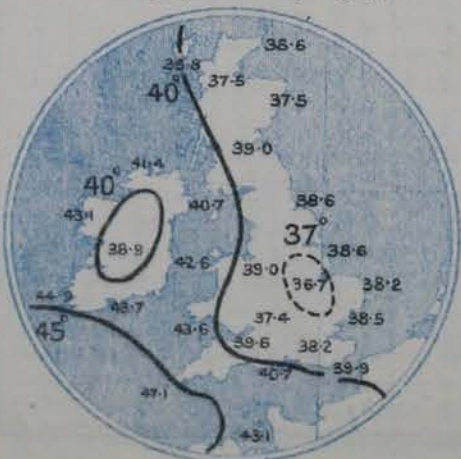
7 A.M. YESTERDAY.



6 P.M. YESTERDAY



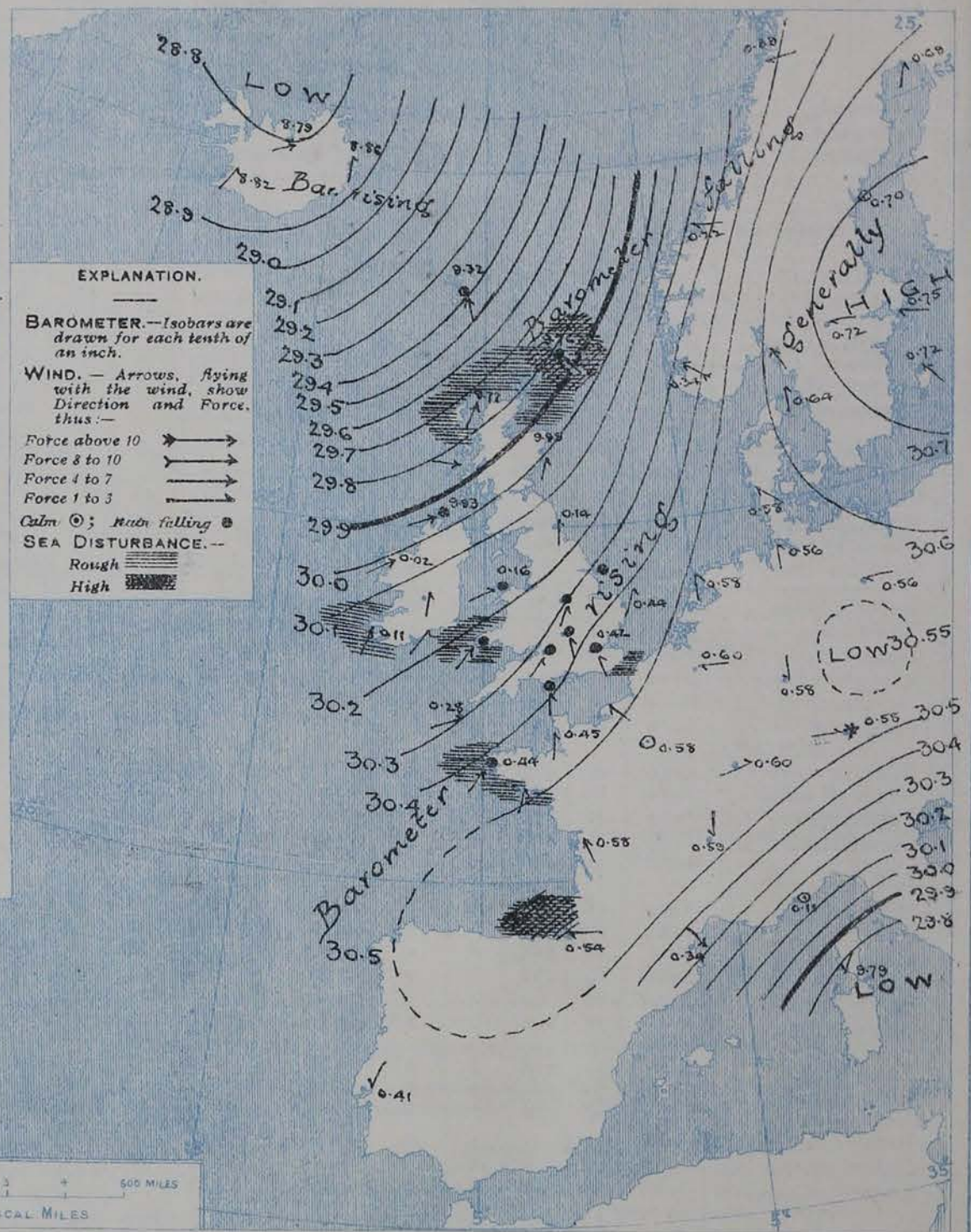
AVERAGES OF TEMPERATURE AT 8 A.M.
FOR THE TWO-MONTHLY PERIOD,
DECEMBER - JANUARY.
(Derived chiefly from Observations extending over
the 35 years—1871-1905.)



Thursday.

WEATHER

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



NOTES ON THE GENERAL SITUATION AT 7 A.M.

A large Atlantic depression has spread somewhat over the extreme west and north of these Islands, while the highest pressure has taken up a position further to the eastward, and the gradient over the United Kingdom has consequently become favourable for S.W. winds. The readings range from above 30.7 ins. in the south of Sweden, and above 30.5 ins. over Germany and France to below 28.9 ins. in Iceland.

A S. by S. to S.W. current of wind now prevails over this country, and blows freshly at some western and northwestern stations. In Norway and Shetland the wind is strong to a gale from the S.E. Temperature has risen briskly over these Islands, and now ranges from about 50° in the western and southwestern districts to 31° at North Shields. On the Continent the readings range from about 50° in Brittany to below 20° over France generally and also in central Europe, to 8° at Brussels, 7° at Paris, and to 6° at Belfort. The weather is overcast at nearly all our own stations, with rain or showers in many localities. Over the greater part of the Continent the weather is fair or fine, but snow is falling at Munich.

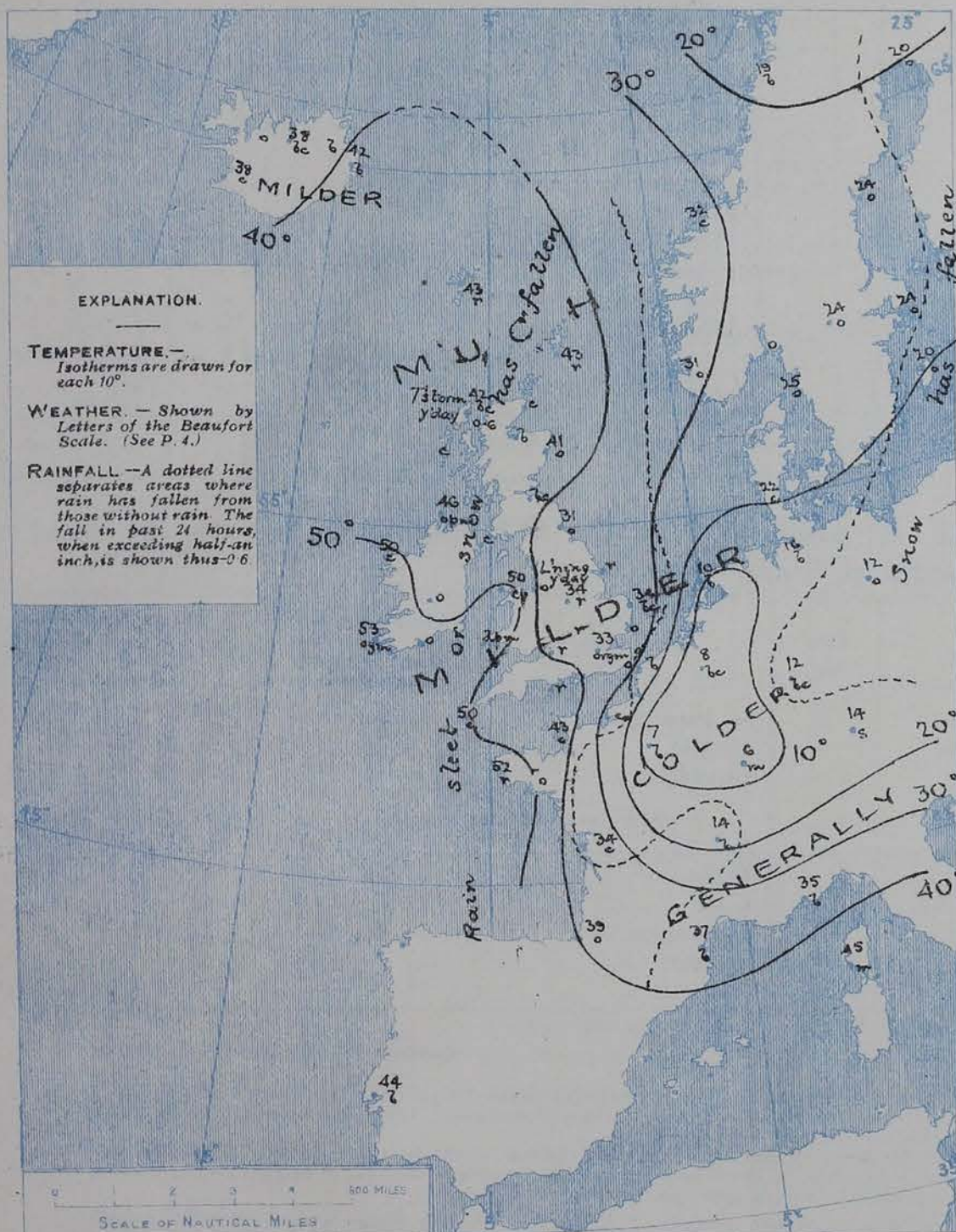
CHARTS

31st December, 1908.

FORECASTS

For the 24 hours commencing at
NOON TO-DAY.

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



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

- 0 } S. and S.W. winds, fresh in places; milder some rain, generally dull.
- 1 }
- 2 } S. and S.W. winds, light or moderate; temperature rising.
- 3 } generally overcast, some rain and mist, damp atmosphere.
- 4 }
- 5 }
- 6 } Same as Nos. 0 & 1.
- 7 }
- 8 } S. and S.W. winds, moderate; mostly overcast, some rain and mist; moderate or mild temperature.
- 9 } Wind between S. and W., fresh in places; changeable, some rain; mild or moderate temperature.
- 10 }

11 WESTERN CHANNEL AND BAY

S. and S.W. winds, fresh at times, sea moderate to rather rough; cloudy or overcast, some rain and mist.

NOTES ON YESTERDAY'S WEATHER

During yesterday the thermometer remained below 32° in nearly all parts of England, but during the night the readings were higher. Rain or sleet has fallen in many places, but nearly all the measurements are slight. Bright sunshine was very prevalent on the coasts of Sussex, Kent, Essex and Yorkshire, and also at Jersey, but over the Kingdom as a whole the day was very cloudy or overcast.

GENERAL INFERENCE FROM THE 7 A.M. OBSERVATIONS.

The general distribution of pressure will continue favourable for winds from between S. and S.W. during the ensuing 24 hours, and a further rise of temperature is to be expected over England.

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.



Thursday, 31st December, 1908.

1406-142

TEMPERATURE, WEATHER, and RAINFALL at additional FOREIGN STATIONS, mainly for the 24 hours ended at 8 a.m. yesterday.

NOTES REFERRING TO INFORMATION GIVEN ON PAGE 1:—

- * AN ASTERISK is inserted in all places for which information is not usually received. † At these stations the figures in the "wet bulb" column represent the relative humidity at the time of observation. ‡ Reports received too late for insertion in Charts.

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

TERMS OF SUBSCRIPTION *for the Daily Weather Report, forwarded by Book Post, £1 per annum, payable quarterly in advance.*

Single Copies (price 1d.) may be obtained after 3 p.m. on the day of issue at the Meteorological Office, and at the Bookstalls of the following terminus Railway Stations:—Victoria, Charing Cross, King's Cross, St. Pancras, Euston.

FORECASTS OF WEATHER for one day in advance are drawn up at 11 a.m., and between 7 and 8 p.m.. The latest forecast can be had by Reply Telegram, on paying at any Post Office in the United Kingdom **Sixpence in addition to the cost of the enquiry and reply Telegram.** Information as to the Terms on which Forecasts can be sent daily, for a long or short period, may be obtained on application.

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

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	Weather.	Barometer.	Change	Temperature.		Wind.	Force	Weather.	Sea	Temp.		Weather.	Sun-	Rainfall		
									Dry	Wet					Change	Max.				Min.	
		At 32° and M.S.L.	Dry Bulb.	Dirac.	(0 to 12).		At 82° Fahr. and M.S.L.	since Yesterday.	Bulb	Bulb	since Yesterday.	Dirac.	(0 to 12).		(0 to 9).			shine.			
		Ins.	°				Ins.	Ins.	°	°	°							Hours.	Ins.		
1 st	Corunna.	30.16	66	SE	3	0	30.21	0.00	57	54	-2	SE	3	0	4	68	52	-	-		
"	Lisbon.	30.13	56	E	2	0	30.13	0.00	59	58	+4	S	4	0	4	61	55	-	0.28		
2 nd	Delgada.	30.11	60	SEW	5	0	30.05	+0.02	59	58	+8	SSW	5	0	4	63	54	-	-		
"	Corunna.	30.19	63	SE	1	0	30.25	+0.04	55	52	-2	SSE	2	0	3	66	50	-	-		
"	Lisbon.	30.22	59	SEW	4	0	30.20	+0.17	57	56	-2	NNE	1	0	3	61	55	-	0.28		
3 rd	Delgada.	30.27	63	SEW	4	0	30.29	+0.16	59	54	-3	W	4	0	4	64	57	-	0.16		
"	Corunna.	30.30	61	SE	3	0	30.28	+0.03	59	55	+4	S	3	0	4	66	54	-	-		
"	Lisbon.	30.30	54	2	0	0	30.26	+0.04	56	53	-3	NNE	3	0	3	63	54	-	-		
"	Delgada.	30.04	57	NW	1	0	30.15	+0.26	56	52	-3	NNW	2	0	3	64	54	-	-		
4 th	Corunna.	30.31	59	NNW	2	0	30.31	+0.06	54	52	-3	S	2	0	2	64	54	-	-		
"	Delgada.	30.23	42	WSW	3	0	30.23	+0.01	50	50	-7	ENE	3	0	3	51	30	-	-		
"	Corunna.	30.28	63	S	3	0	30.39	+0.11	54	50	-5	S	3	0	3	64	46	-	-		
"	Lisbon.	30.22	57	N	3	0	30.23	-0.03	56	51	+2	N	4	0	3	59	54	-	-		
"	Delgada.	30.28	59	2	0	0	30.31	+0.16	58	56	+2	NNW	1	0	2	64	56	-	-		
"	Corunna.	30.39	61	3	0	0	30.44	+0.05	48	46	-6	NNW	1	0	2	64	45	-	-		
"	Delgada.	30.41	58	NNE	1	0	30.44	+0.13	57	54	-10	NNE	1	0	2	64	45	-	-		
"	Corunna.	30.29	54	S	3	0	30.41	+0.13	51	47	+1	NE	3	0	7	59	45	-	0.20		
"	Delgada.	30.29	56	ENE	2	0	30.55	-0.01	55	50	-1	NNE	2	0	7	63	45	-	-		
"	Corunna.	30.30	54	SW	5	0	30.28	+0.08	49	43	-5	SE	4	0	5	55	45	-	0.47		
"	Delgada.	30.42	52	NE	3	0	30.33	-0.08	46	43	-5	NE	3	0	5	55	41	-	-		
"	Corunna.	30.21	51	N	5	0	30.20	-0.04	49	44	-4	NE	4	0	2	57	48	-	-		
"	Delgada.	30.52	56	NNE	1	0	30.49	-0.06	54	50	-1	NNE	2	0	2	57	46	-	-		
"	Corunna.	30.23	52	NE	3	0	30.08	-0.25	54	50	+8	NNW	6	0	7	61	54	-	0.16		
"	Delgada.	30.46	58	2	0	0	30.44	-0.05	55	53	+1	NNE	4	0	7	61	54	-	0.04		
"	Corunna.	30.03	51	WSW	8	0	30.04	+0.07	49	45	-5	S	3	0	6	64	46	-	0.24		
"	Delgada.	30.21	55	NNW	3	0	30.12	+0.04	54	52	0	SW	6	0	7	57	50	-	0.16		
"	Corunna.	30.46	54	N	1	0	30.44	+0.00	55	54	0	SE	1	0	7	61	54	-	-		
"	Delgada.	30.05	57	SW	6	0	29.53	-0.51	59	55	+10	WSW	9	0	8	63	49	-	2.28		
"	Corunna.	30.29	58	NNW	1	0	29.86	-0.26	57	55	+2	W	6	0	8	63	52	-	0.32		
"	Delgada.	29.65	54	NW	9	0	30.32	-0.12	57	54	+2	NNW	1	0	2	63	58	-	-		
"	Corunna.	29.89	59	NNW	6	0	29.82	+0.24	52	52	-7	NW	8	0	2	59	41	-	0.32		
"	Delgada.	30.26	57	SW	1	0	30.01	+0.13	54	50	+3	NNW	1	0	2	63	48	-	-		
"	Corunna.	30.02	53	SW	4	0	30.21	-0.11	56	52	-1	N	1	0	2	61	54	-	-		
"	Delgada.	29.90	56	S	3	0	30.02	+0.20	57	51	+5	S	3	0	7	57	45	-	0.28		
"	Corunna.	30.32	55	NNW	4	0	29.82	-0.23	51	48	-5	NW	2	0	2	57	46	-	0.47		
"	Delgada.	29.88	53	SE	4	0	29.40	+0.21	54	48	-2	NW	2	0	2	61	43	-	-		
"	Corunna.	29.85	54	SE	3	0	29.76	-0.09	51	48	0	S	5	0	4	57	46	-	-		
"	Delgada.	30.45	57	NNW	1	0	30.36	-0.04	59	56	+5	NW	5	0	3	57	46	-	0.08		
"	Corunna.	29.47	54	W	6	0	29.78	-0.00	53	50	+2	NW	7	0	8	57	48	-	-		
"	Delgada.	29.81	58	W	5	0	29.86	+0.34	50	47	-1	S	3	0	4	55	48	-	0.47		
"	Corunna.	29.76	37	ENE	2	0	29.86	+0.16	55	54	+2	W	2	0	6	61	52	-	0.24		
"	Delgada.	29.91	54	NW	3	0	30.09	+0.24	58	57	+3	WSW	3	0	6	61	55	-	-		
"	Corunna.	30.07	55	SSW	2	0	30.12	+0.01	59	55	+1	NNW	4	0	3	61	57	-	0.04		
"	Delgada.	29.92	60	WSW	4	0	30.32	-0.33	56	51	+1	NNW	3	0	3	59	48	-	0.16		
"	Corunna.	29.88	55	WSW	3	0	30.30	+0.18	56	54	-2	NW	4	0	3	61	55	-	-		
"	Delgada.	30.23	57	SSE	1	0	30.36	+0.04	58	57	-1	S	4	0	3	64	58	-	-		
"	Corunna.	30.38	58	S	3	0	30.49	+0.17	50	47	-6	NNW	1	0	3	57	46	-	-		
"	Delgada.	30.39	57	NNW	3	0	30.41	+0.11	50	46	-6	SW	2	0	3	59	50	-	-		
"	Corunna.	30.32	60	S	5	0	30.23	-0.13	60	57	-2	S	6	0	3	59	58	-	-		
"	Delgada.	30.37	52	NNW	3	0	30.38	-0.06	46	41	-4	N	2	0	4	63	37	-	-		
"	Corunna.	30.44	53	ESE	1	0	30.38	-0.07	43	41	-6	ESE	1	0	5	57	37	-	-		
"	Delgada.	30.31	55	N	3	0	30.26	-0.09	53	51	+7	NE	1	0	5	59	46	-	-		
"	Corunna.	30.06	62	SSW	5	0	29.97	-0.16	62	62	0	SSW	5	0	1	64	61	-	0.32		
"	Delgada.	30.30	50	ESE	2	0	30.24	-0.18	46	44	+3	ESE	1	0	1	64	39	-	-		
"	Corunna.	30.19	52	NNW	3	0	30.20	-0.06	43	42	-10	NE	1	0	3	64	43	-	0.04		
"	Delgada.	30.08	58	NNE	4	0	30.14	+0.17	57	53	-5	NW	1	0	3	64	54	-	-		
"	Corunna.	30.21	54	ESE	1	0	30.16	-0.08	45	43	-1	ESE	1	0	3	64	43	-	-		
"	Delgada.	30.17	51	NNW	4	0	30.15	-0.05	47	46	+4	NE	1	0	4	63	43	-	-		
"	Corunna.	30.08	61	WSW	3	0	29.96	-0.18	61	51	+4	W	4	0	4	63	57	-	-		
"	Delgada.	30.07	54	ESE	3	0	29.78	-0.41	52	50	+7	SSE	3	0	3	61	45	-	-		
"																					

REPORTS FOR December, 1908.

2. CORRECTIONS.

[illegible]